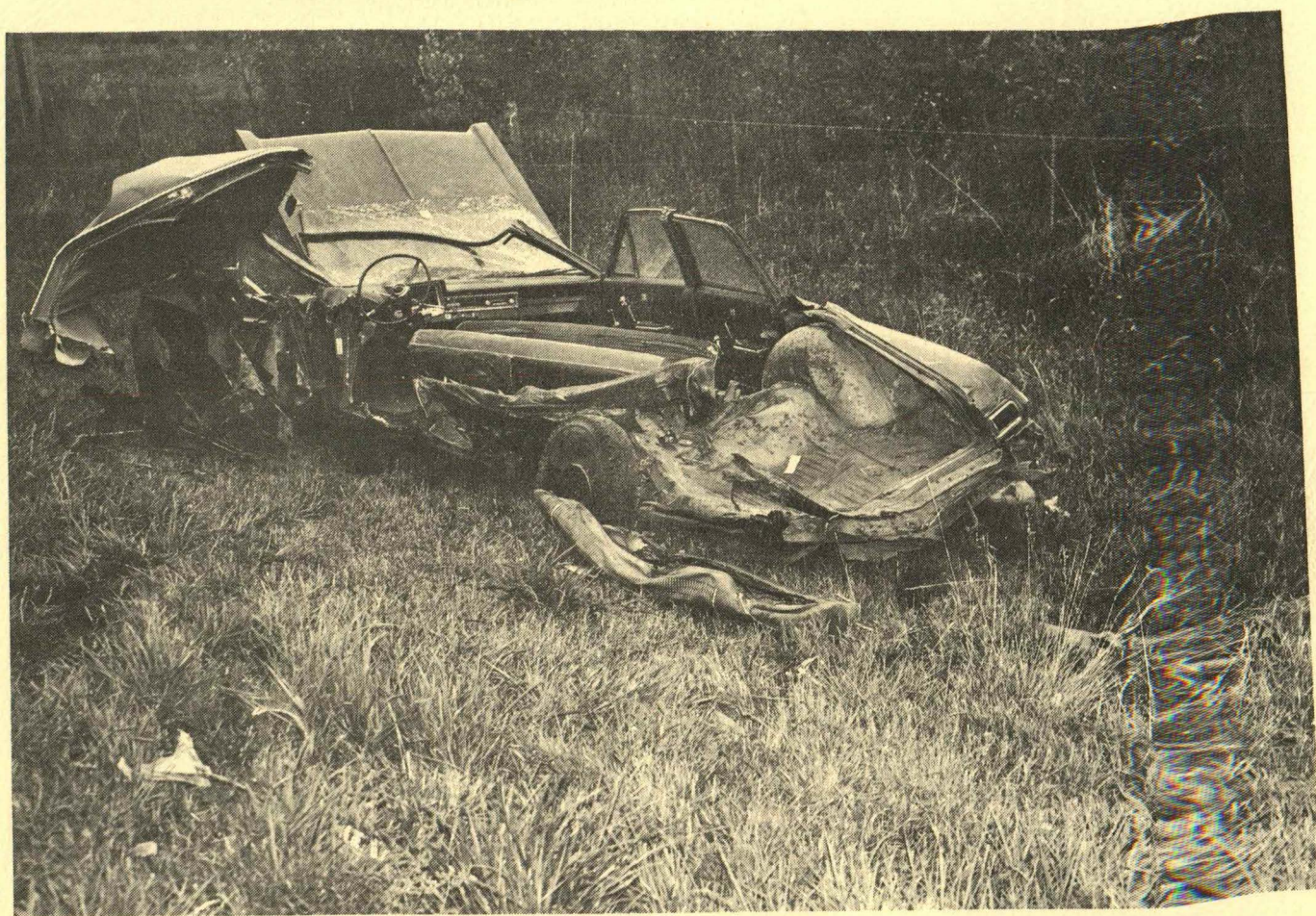


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# HIGHWAY SAFETY ACCIDENT STUDIES



TRAFFIC ENGINEERING DIVISION

SIOUX CITY, IOWA

1976 — 1979

IDOT SAFETY PROJECT NO. 80-05-01

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Attachment: City Map Showing High Hazard Locations

Traffic Safety Study for Sioux City, Iowa

Date: December 1, 1980

Prepared by: Traffic Engineering Division of Public Works

*Sally Hagen*

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The opinions, findings, and conclusions expressed in this publication are those of the author and not necessarily those of the Iowa Department of Transportation, the Office for Planning and Programming, Division of Highways, or the Federal Highway Administration."

## INTRODUCTION

On October 19, 1979, the City of Sioux City received authorization to proceed with a Traffic Engineering Study to reduce accidents and improve traffic flow. The study was funded with Federal Highway Safety Funds. The work, described in the contract, has now been completed even though implementation of engineering improvements will continue for several years.

The purpose of the study was to carry out Traffic Engineering Studies to identify high hazard intersections. Upon identifying these locations, additional studies were then conducted to determine accident reducing countermeasures.

The activity, carried out under this study, is fully discussed in this report. Results of the study are listed, and in the case of high hazard intersections, details concerning improvements are also provided.

The data collection effort for this report was funded from a Highway Safety Grant administered from the Iowa Department of Transportation and provided from the U.S. Department of Transportation 402 Safety Program.

## HIGH HAZARD INTERSECTION

### Methodology

The purpose of this task was to identify high hazard intersections based on accident frequency, accident rates, and accident severity. Each of these three factors was weighed to produce a final high hazard ranking (page 4). Traffic Engineering studies were then conducted to identify the types of engineering improvements which would serve to reduce accidents.

The Traffic Engineering Division maintains accident information, by location, on all reported accidents with property damage greater than \$250. From these files, we identified all intersections in Sioux City at which there had been five or more reportable accidents during any one of the years 1976, 1977, 1978 or 1979. This work resulted in a list of 115 intersections.

We then went to the Police Department and manually searched their files for all accidents which involved these intersections. This allowed us to pick up accidents with less than \$250 in property damage and those accidents which had been incorrectly filed as mid-block accidents. Collision diagrams were then prepared for each intersection based on the accident reports. Each accident was also checked with regards to severity.

Once all accidents associated with each intersection had been identified, we were able to list them in descending order. The accident frequency list (page 8) is the result of this effort.

We then collected existing volume data for each intersection in anticipation of calculating the accident rate (accidents per one million entering vehicles) for each intersection. When existing data was more than two years old, new manual counts were made and adjusted to provide accurate average daily traffic. The accident rate for each intersection was then calculated. The accident rate list (page 6) is a result of this activity.

A description of severity at each intersection is limited, as the State of Iowa's "Investigating Officers Report of Motor Vehicle Accident", used by the Sioux City Police Department, provides only five categories of seriousness. These are fatal, major, minor, possible and no injury or unknown. As previously mentioned, severity of each accident at each intersection was obtained from the accident records at the Police Department. An average severity index for each intersection was determined using an arbitrary value of one (1) for fatal, two (2) for

major injuries, three (3) for minor injuries, four (4) for possible injuries, and five (5) for no injuries. Thus, the smaller the resulting severity index is for an intersection, the greater the degree of severity. The results of the severity analysis are shown in the severity average list (page 10).

The previously described work resulted in three lists. One ranked intersections based on accident frequency, another ranked intersections based on rate, and the third list ranked intersections according to severity. We then wanted to weigh each of these factors so that the three lists could be developed into a single hazard index ranking. It was decided that frequency and rate should be equally important, but that severity would be weighed at only one-half the value of frequency and rate. This decision was based on the limited information available on severity, the random nature of fatal accidents, and the fact that an individual's judgment was involved in coding the severity.

Each list contained the same 115 intersections. However, each intersection ranked differently on the three lists. For example, 6th and Lewis Blvd. ranked No. 1 on the frequency list, but only No. 24 on the rate list and No. 50 on the severity list. The final weighed hazard index was developed by assigning 230 points (2 x 115) to the intersection that was first on the frequency or rate list, 228 points to the second intersection, 226 to the third intersection, etc. The intersection which ranked first on the severity list (W. 19th and Geneva Streets) was assigned 115 points, second was given 114 points, and so forth. When two or more intersections had the same frequency, rate or severity measurement, the average value was used for calculating the hazard index. For example, W. 19th and Geneva Streets was first on the severity list so it received 115 points for calculating the High Hazard Index for that intersection. W. 7th and Hamilton Blvd., W. 19th and Ross Sts., W. 28th and Hamilton Blvd., and Dace Ave. and Floyd Blvd. all had a severity average of 3.10. Their contribution to the High Hazard ranking was  $\frac{103 + 102 + 101 + 100}{4}$

The total High Hazard Index for Dace Ave. and Floyd Blvd. was calculated as follows:

Frequency rank (208) + rate rank (208) + severity (101.5) = 517.5

The Hazard Index was calculated for each intersection as described above. The intersections were then listed in descending order with the highest hazard index being first. This resulted in the list which begins on page 4.

## HIGH HAZARD INTERSECTIONS

| <u>Rank</u>  | <u>Hazard Index</u>   | <u>Rank</u>  | <u>Hazard Index</u>         |
|--------------|-----------------------|--------------|-----------------------------|
| 1st - 568    | 6th & Jones           | 49th - 331   | M'side, Transit & St. Aubin |
| 2nd - 517.5  | Dace & Floyd          | 52nd - 328   | 36th & Hamilton             |
| 3rd - 514    | Leech & Lewis         | 53rd - 325   | 3rd & Pearl                 |
| 4th - 496    | 14th & Pierce         | 54th - 318   | Transit & Alice             |
| 5th - 495.5  | W. 7th & Hamilton     | 55th - 312   | Fairmont & Peters           |
| 6th - 477    | 6th & Hoeven          | 56th - 311   | 13th & Jackson              |
| 7th - 470    | Gordon & Westcott     | 57th - 310.5 | W. 19th & Ross              |
| 8th - 468    | 6th & Lewis           | 58th - 306.5 | 8th & Nebraska              |
| 9th - 466    | 19th & Floyd          | 59th - 306   | 6th & Wesley Way            |
| 10th - 452   | 14th & Douglas        | 60th - 301   | 3rd & Nebraska              |
| 11th - 450   | 11th & Lewis          | 61st - 300   | W. 19th & Geneva            |
| 12th - 447.5 | 6th & Court           | 62nd - 299.5 | 6th & Pierce                |
| 13th - 435   | W. 4th & Hamilton     | 63rd - 294.5 | 18th & Grandview            |
| 13th - 435   | 5th & Court           | 64th - 291   | 11th & Jackson              |
| 13th - 435   | 18th & Pierce         | 65th - 290   | 14th & Nebraska             |
| 16th - 434   | 28th & Lewis          | 66th - 280   | 27th & Nebraska             |
| 17th - 433   | 18th & Lewis          | 67th - 278   | 11th & Steuben              |
| 18th - 427.5 | 18th & Douglas        | 68th - 258   | 7th & Pierce                |
| 19th - 426   | 18th & Jackson        | 69th - 253.5 | W. 17th & Hamilton          |
| 20th - 424   | Gordon & Virginia     | 70th - 253   | 3rd & Virginia              |
| 21st - 423   | 4th & Floyd           | 71st - 249   | 4th & Lewis                 |
| 22nd - 418   | 5th & Nebraska        | 72nd - 242.5 | Gordon & Maple              |
| 22nd - 418   | W. 7th & Perry        | 73rd - 241.5 | Floyd & Outer               |
| 22nd - 418   | W. 19th & Riverside   | 74th - 237.5 | W. 18th & Hamilton          |
| 25th - 408   | Gordon & Nebraska     | 75th - 232   | W. 14th & Center            |
| 26th - 407   | Gordon & Fairmont     | 76th - 229.5 | 5th & Pearl                 |
| 27th - 404   | W. 19th & Center      | 77th - 227.5 | 9th & Nebraska              |
| 28th - 393   | 5th & Douglas         | 78th - 227   | Gordon & Linn               |
| 29th - 391   | Gordon & Palmetto     | 79th - 224.5 | W. 19th & Myrtle            |
| 30th - 380   | 18th & Nebraska       | 80th - 218   | Lewis & Lincoln Way         |
| 31st - 378   | W. 19th & Casselman   | 81st - 217   | 5th & Pierce                |
| 32nd - 375   | 4th & Court           | 82nd - 215.5 | Morningside & Stone         |
| 33rd - 374   | W. 19th & Hamilton    | 83rd - 208   | W. 14th & Hamilton          |
| 34th - 371   | Gordon & Pierce       | 84th - 206.5 | Morningside & Lakeport      |
| 35th - 370   | 3rd & Pierce          | 85th - 205.5 | 3rd & Jackson               |
| 36th - 364   | 6th & Nebraska        | 86th - 197   | W. 24th & Hamilton          |
| 37th - 363.5 | 6th & Jackson         | 87th - 192   | 8th & Court                 |
| 38th - 362   | Fairmont & Vine       | 88th - 190   | W. 28th & Myrtle            |
| 38th - 362   | 8th & Douglas         | 89th - 187.5 | 5th & Jackson               |
| 40th - 358.5 | Gordon & Stone        | 90th - 183   | Transit & Helen             |
| 41st - 358   | Glenn & Alice         | 91st - 174   | W. 15th & Hamilton          |
| 42nd - 352   | Cunningham & Leech    | 92nd - 173   | 14th & Jackson              |
| 43rd - 349.5 | Hamilton & Stone Park | 93rd - 166   | Gordon & Magnolia           |
| 43rd - 349.5 | 11th & Pierce         | 94th - 165.5 | W. 7th & Omaha              |
| 45th - 348.5 | W. 28th & Hamilton    | 95th - 158.5 | 11th & Floyd                |
| 46th - 348   | Lakeport & Glenn      | 96th - 152.5 | 20th & Pierce               |
| 46th - 348   | W. 8th & Hamilton     | 97th - 150.5 | W. 19th & Isabella          |
| 48th - 343   | Gordon & Martha       | 98th - 150   | Gordon & Dace               |
| 49th - 331   | 14th & Summit         | 99th - 149.5 | 6th & Pearl                 |
| 49th - 331   | W. 3rd & Hamilton     |              |                             |

HIGH HAZARD INTERSECTIONS

| <u>Rank</u> | <u>Hazard Index</u> |                             |
|-------------|---------------------|-----------------------------|
| 100th -     | 149                 | Lewis & Industrial Rd.      |
| 101st -     | 141                 | 11th & Hoeven               |
| 102nd -     | 120.5               | Cunningham, Lewis & Transit |
| 103rd -     | 119                 | 7th & Jackson               |
| 103rd -     | 119                 | 10th & Pierce               |
| 105th -     | 115.5               | 6th & Chambers              |
| 106th -     | 114                 | 4th & Fairmont              |
| 107th -     | 108.5               | W. 4th & Turner             |
| 108th -     | 106.5               | 7th & Nebraska              |
| 109th -     | 103                 | 41st & Lewis                |
| 110th -     | 101                 | Leech & Fairmont            |
| 111th -     | 85                  | Gordon & Court              |
| 112th -     | 58                  | W. 19th & Allan             |
| 113th -     | 55                  | 29th & Jackson              |
| 114th -     | 51                  | M'side, Indiana & Paxton    |
| 115th -     | 48                  | 27th & Pierce               |

## HIGH HAZARD INTERSECTIONS

| <u>Rank</u> | <u>Accident Rate</u>  | <u>Rank</u> | <u>Accident Rate</u>        |
|-------------|-----------------------|-------------|-----------------------------|
| 1st - 8.6   | Fairmont & Peters     | 51st - 1.65 | 3rd & Pierce                |
| 2nd - 4.5   | 6th & Jones           | 52nd - 1.64 | Gordon & Palmetto           |
| 3rd - 3.50  | Fairmont & Vine       | 53rd - 1.63 | 14th & Nebraska             |
| 4th - 3.43  | 19th & Floyd          | 54th - 1.62 | W. 19th & Ross              |
| 5th - 3.27  | 18th & Douglas        | 55th - 1.60 | Transit & Alice             |
| 6th - 3.18  | 6th & Court           | 56th - 1.58 | 18th & Grandview            |
| 7th - 3.13  | 14th & Pierce         | 57th - 1.56 | 13th & Jackson              |
| 8th - 3.09  | Gordon & Westcott     | 58th - 1.55 | W. 14th & Center            |
| 9th - 2.95  | Glenn & Alice         | 59th - 1.51 | 8th & Nebraska              |
| 10th - 2.77 | Leech & Lewis         | 60th - 1.50 | 6th & Nebraska              |
| 11th - 2.76 | 5th & Court           | 61st - 1.42 | Floyd & Outer               |
| 12th - 2.70 | Floyd & Dace          | 61st - 1.42 | Gordon & Magnolia           |
| 13th - 2.55 | 14th & Douglas        | 63rd - 1.41 | W. 19th & Geneva            |
| 14th - 2.53 | 18th & Nebraska       | 64th - 1.39 | Gordon & Maple              |
| 15th - 2.47 | 14th & Summit         | 65th - 1.37 | 7th & Pierce                |
| 16th - 2.44 | W. 19th & Casselman   | 66th - 1.35 | Lewis & Lincoln Way         |
| 17th - 2.40 | W. 19th & Riverside   | 66th - 1.35 | 3rd & Jackson               |
| 18th - 2.37 | 11th & Lewis          | 66th - 1.35 | 20th & Pierce               |
| 19th - 2.35 | 6th & Hoeven          | 66th - 1.35 | Gordon & Martha             |
| 20th - 2.29 | 28th & Lewis          | 70th - 1.33 | M'side, Transit & St. Aubin |
| 21st - 2.25 | Cunningham & Leech    | 71st - 1.30 | 18th & Jackson              |
| 22nd - 2.21 | 4th & Court           | 72nd - 1.28 | W. 28th & Hamilton          |
| 23rd - 2.19 | 18th & Pierce         | 72nd - 1.28 | 3rd & Pearl                 |
| 24th - 2.18 | 6th & Lewis           | 74th - 1.27 | 6th & Wesley Way            |
| 24th - 2.18 | W. 7th & Perry        | 75th - 1.26 | 3rd & Nebraska              |
| 26th - 2.11 | W. 19th & Center      | 76th - 1.25 | 7th & Jackson               |
| 27th - 2.06 | W. 7th & Hamilton     | 76th - 1.25 | W. 19th & Myrtle            |
| 28th - 2.03 | 5th & Nebraska        | 78th - 1.22 | W. 3rd & Hamilton           |
| 29th - 2.02 | 11th & Steuben        | 79th - 1.21 | 6th & Pierce                |
| 30th - 1.99 | Gordon & Fairmont     | 80th - 1.19 | W. 8th & Hamilton           |
| 31st - 1.97 | 18th & Lewis          | 80th - 1.19 | 5th & Pearl                 |
| 32nd - 1.96 | 8th & Douglas         | 80th - 1.19 | 9th & Nebraska              |
| 33rd - 1.92 | 11th & Pierce         | 80th - 1.19 | 11th & Floyd                |
| 34th - 1.89 | 6th & Jackson         | 84th - 1.18 | W. 7th & Omaha              |
| 35th - 1.87 | 4th & Floyd           | 85th - 1.09 | Morningside & Stone         |
| 35th - 1.87 | 5th & Douglas         | 85th - 1.09 | 4th & Fairmont              |
| 37th - 1.82 | Gordon & Virginia     | 87th - 1.07 | Leech & Fairmont            |
| 38th - 1.78 | 3rd & Virginia        | 88th - 1.06 | Transit & Helen             |
| 38th - 1.78 | 27th & Nebraska       | 89th - 1.04 | 7th & Nebraska              |
| 40th - 1.77 | W. 4th & Hamilton     | 90th - 1.00 | 6th & Chambers              |
| 40th - 1.77 | Gordon & Nebraska     | 91st - .99  | 4th & Lewis                 |
| 40th - 1.77 | Gordon & Stone        | 92nd - .98  | W. 4th & Turner             |
| 40th - 1.77 | W. 19th & Hamilton    | 93rd - .97  | Gordon & Linn               |
| 40th - 1.77 | W. 28th & Myrtle      | 94th - .96  | Lewis & Industrial Rd.      |
| 40th - 1.77 | 36th & Hamilton       | 94th - .96  | 6th & Pearl                 |
| 46th - 1.76 | Gordon & Pierce       | 96th - .92  | W. 18th & Hamilton          |
| 47th - 1.75 | Hamilton & Stone Park | 97th - .91  | 11th & Hoeven               |
| 48th - 1.71 | Lakeport & Glenn      | 98th - .90  | W. 15th & Hamilton          |
| 48th - 1.71 | 11th & Jackson        | 98th - .90  | W. 17th & Hamilton          |
| 50th - 1.69 | 8th & Court           | 100th - .88 | W. 19th & Allan             |



Accident Rate continued

HIGH HAZARD INTERSECTIONS

| <u>Rank</u> | <u>Accident Rate</u>         |
|-------------|------------------------------|
| 101st - .86 | W. 14th & Hamilton           |
| 102nd - .85 | W. 19th & Isabella           |
| 103rd - .81 | 5th & Pierce                 |
| 104th - .79 | 41st & Lewis                 |
| 105th - .78 | W. 24th & Hamilton           |
| 106th - .77 | 14th & Jackson               |
| 107th - .76 | 29th & Jackson               |
| 107th - .76 | 10th & Pierce                |
| 109th - .64 | M'side, Indiana & Paxton     |
| 110th - .61 | 27th & Pierce                |
| 111th - .57 | Cunningham, Lewis, & Transit |
| 112th - .53 | Gordon & Court               |
| 113th - .52 | Morningside & Lakeport       |
| 114th - .51 | 5th & Jackson                |
| 115th - .49 | Gordon & Dace                |

## HIGH HAZARD INTERSECTIONS

| <u>Rank</u> | <u>Accident Frequency</u>  | <u>Rank</u> | <u>Accident Frequency</u>   |
|-------------|----------------------------|-------------|-----------------------------|
| 1st - 92    | 6th & Lewis                | 52nd - 29   | 5th & Pearl                 |
| 1st - 92    | Leech & Lewis              | 53rd - 28   | 36th & Hamilton             |
| 3rd - 84    | 6th & Jones                | 53rd - 28   | 5th & Pierce                |
| 4th - 76    | 14th & Pierce              | 55th - 27   | 8th & Douglas               |
| 4th - 76    | Gordon & Fairmont          | 55th - 27   | Transit & Alice             |
| 4th - 76    | Gordon & Nebraska          | 57th - 26   | 11th & Jackson              |
| 7th - 75    | W. 7th & Hamilton          | 57th - 26   | Lakeport & Glenn            |
| 8th - 72    | Gordon & Westcott          | 59th - 25   | 4th & Court                 |
| 8th - 72    | 11th & Lewis               | 59th - 25   | W. 14th & Hamilton          |
| 10th - 68   | W. 19th & Hamilton         | 61st - 24   | W. 15th & Hamilton          |
| 11th - 66   | Gordon & Virginia          | 61st - 24   | W. 18th & Hamilton          |
| 12th - 62   | Dace & Floyd               | 61st - 24   | Gordon & Maple              |
| 13th - 60   | 4th & Floyd                | 64th - 23   | W. 17th & Hamilton          |
| 14th - 57   | W. 4th & Hamilton          | 64th - 23   | 18th & Jackson              |
| 14th - 57   | 19th & Floyd               | 64th - 23   | Floyd & Outer               |
| 16th - 55   | 6th & Court                | 67th - 22   | 13th & Jackson              |
| 17th - 54   | 6th & Hoeven               | 67th - 22   | 3rd & Jackson               |
| 18th - 53   | 5th & Nebraska             | 67th - 22   | 6th & Pearl                 |
| 19th - 50   | 6th & Nebraska             | 70th - 21   | 11th & Steuben              |
| 20th - 49   | 6th & Pierce               | 70th - 21   | Glenn & Alice               |
| 20th - 49   | 18th & Lewis               | 70th - 21   | Gordon & Linn               |
| 20th - 49   | Gordon & Pierce            | 73rd - 20   | W. 19th & Casselman         |
| 23rd - 48   | Gordon & Stone             | 73rd - 20   | W. 19th & Ross              |
| 23rd - 48   | Hamilton & Stone Park      | 73rd - 20   | M'side & Lakeport           |
| 25th - 47   | 3rd & Pierce               | 73rd - 20   | 8th & Nebraska              |
| 26th - 46   | 18th & Douglas             | 73rd - 20   | 11th & Floyd                |
| 26th - 46   | W. 7th & Perry             | 73rd - 20   | W. 19th & Geneva            |
| 28th - 45   | W. 3rd & Hamilton          | 73rd - 20   | Cunningham, Lewis & Transit |
| 28th - 45   | 6th & Jackson              | 80th - 19   | W. 7th & Omaha              |
| 28th - 45   | 14th & Douglas             | 80th - 19   | 27th & Nebraska             |
| 31st - 43   | 28th & Lewis               | 80th - 19   | W. 24th & Hamilton          |
| 31st - 43   | 5th & Court                | 83rd - 18   | Gordon & Dace               |
| 33rd - 42   | Gordon & Palmetto          | 83rd - 18   | 18th & Grandview            |
| 34th - 41   | 18th & Pierce              | 85th - 17   | 14th & Summit               |
| 35th - 38   | Gordon & Martha            | 85th - 17   | Lewis & Lincoln Way         |
| 35th - 38   | W. 8th & Hamilton          | 85th - 17   | 3rd & Virginia              |
| 37th - 36   | 11th & Pierce              | 85th - 17   | 6th & Chambers              |
| 37th - 36   | 3rd & Nebraska             | 85th - 17   | 14th & Jackson              |
| 39th - 35   | W. 28th & Hamilton         | 90th - 16   | W. 14th & Center            |
| 40th - 34   | 5th & Douglas              | 90th - 16   | Fairmont & Vine             |
| 40th - 34   | 5th & Jackson              | 90th - 16   | Gordon & Magnolia           |
| 40th - 34   | 14th & Nebraska            | 90th - 16   | Lewis & Industrial          |
| 40th - 34   | W. 19th & Riverside        | 90th - 16   | M'side & Stone              |
| 40th - 34   | 3rd & Pearl                | 90th - 16   | 4th & Fairmont              |
| 40th - 34   | Cunningham & Leech         | 90th - 16   | 9th & Nebraska              |
| 46th - 33   | 4th & Lewis                | 90th - 16   | 7th & Nebraska              |
| 46th - 33   | 7th & Pierce               | 90th - 16   | Fairmont & Peters           |
| 48th - 32   | M'side, Transit, St. Aubin | 90th - 16   | 20th & Pierce               |
| 48th - 32   | 18th & Nebraska            | 100th - 15  | W. 19th & Myrtle            |
| 50th - 31   | 6th & Wesley Way           | 101st - 14  | W. 28th & Myrtle            |
| 50th - 31   | W. 19th & Center           | 101st - 14  | Gordon & Court              |

Accident Frequency continued

HIGH HAZARD INTERSECTIONS

| <u>Rank</u> | <u>Accident Frequency</u>     |
|-------------|-------------------------------|
| 101st - 14  | Transit & So. Helen           |
| 104th - 13  | Leech & Fairmont              |
| 105th - 12  | 8th & Court                   |
| 105th - 12  | 7th & Jackson                 |
| 105th - 12  | 10th & Pierce                 |
| 105th - 12  | 27th & Pierce                 |
| 109th - 11  | 29th & Jackson                |
| 109th - 11  | 41st & Lewis                  |
| 111th - 10  | 11th & Hoeven                 |
| 112th - 9   | W. 19th & Allan               |
| 112th - 9   | W. 19th & Isabella            |
| 114th - 8   | W. 4th & Turner               |
| 115th - 7   | Morningside, Indiana & Paxton |

## HIGH HAZARD INTERSECTIONS

| <u>Rank</u> | <u>Severity Average</u>     | <u>Rank</u> | <u>Severity Average</u>     |
|-------------|-----------------------------|-------------|-----------------------------|
| 1st - 2     | W. 19th & Geneva            | 50th - 3.5  | 4th & Lewis                 |
| 2nd - 2.7   | 18th & Jackson              | 50th - 3.5  | W. 4th & Turner             |
| 3rd - 2.8   | 6th & Jones                 | 50th - 3.5  | 5th & Court                 |
| 4th - 2.9   | W. 8th & Hamilton           | 50th - 3.5  | 5th & Nebraska              |
| 5th - 3     | 8th & Nebraska              | 50th - 3.5  | 5th & Pierce                |
| 5th - 3     | 9th & Nebraska              | 50th - 3.5  | 6th & Lewis                 |
| 5th - 3     | W. 17th & Hamilton          | 50th - 3.5  | 6th & Nebraska              |
| 5th - 3     | 18th & Grandview            | 50th - 3.5  | W. 7th & Perry              |
| 5th - 3     | W. 19th & Isabella          | 50th - 3.5  | 11th & Steuben              |
| 5th - 3     | W. 19th & Myrtle            | 50th - 3.5  | 14th & Pierce               |
| 5th - 3     | M'side & Lakeport           | 50th - 3.5  | W. 14th & Hamilton          |
| 5th - 3     | M'side & Stone              | 50th - 3.5  | W. 15th & Hamilton          |
| 13th - 3.1  | W. 7th & Hamilton           | 50th - 3.5  | 27th & Nebraska             |
| 13th - 3.1  | W. 19th & Ross              | 50th - 3.5  | 36th & Hamilton             |
| 13th - 3.1  | W. 28th & Hamilton          | 50th - 3.5  | 41st & Lewis                |
| 13th - 3.1  | Dace & Floyd                | 50th - 3.5  | Glenn & Alice               |
| 17th - 3.2  | 13th & Jackson              | 50th - 3.5  | Gordon & Virginia           |
| 17th - 3.2  | W. 19th & Casselman         | 50th - 3.5  | Lewis & Industrial Rd.      |
| 17th - 3.2  | W. 19th & Center            | 71st - 3.6  | Lewis & Lincoln Way         |
| 17th - 3.2  | W. 24th & Hamilton          | 71st - 3.6  | 3rd & Virginia              |
| 17th - 3.2  | Fairmont & Vine             | 71st - 3.6  | 8th & Court                 |
| 17th - 3.2  | Gordon & Palmetto           | 71st - 3.6  | 11th & Jackson              |
| 17th - 3.2  | Lakeport & Glenn            | 71st - 3.6  | 11th & Lewis                |
| 17th - 3.2  | M'side, Transit & St. Aubin | 71st - 3.6  | 18th & Nebraska             |
| 17th - 3.2  | Transit & Helen             | 71st - 3.6  | 19th & Floyd                |
| 26th - 3.3  | 3rd & Pearl                 | 71st - 3.6  | Fairmont & Peters           |
| 26th - 3.3  | W. 4th & Hamilton           | 71st - 3.6  | Gordon & Court              |
| 26th - 3.3  | 5th & Douglas               | 71st - 3.6  | Gordon & Nebraska           |
| 26th - 3.3  | 6th & Hoeven                | 71st - 3.6  | Gordon & Pierce             |
| 26th - 3.3  | 6th & Wesley Way            | 82nd - 3.7  | Gordon & Westcott           |
| 26th - 3.3  | 11th & Hoeven               | 82nd - 3.7  | 5th & Jackson               |
| 26th - 3.3  | 14th & Jackson              | 82nd - 3.7  | 5th & Pearl                 |
| 26th - 3.3  | 18th & Pierce               | 82nd - 3.7  | 6th & Court                 |
| 26th - 3.3  | W. 18th & Hamilton          | 82nd - 3.7  | 6th & Jackson               |
| 26th - 3.3  | Gordon & Linn               | 82nd - 3.7  | 6th & Pierce                |
| 26th - 3.3  | Gordon & Martha             | 82nd - 3.7  | W. 7th & Omaha              |
| 37th - 3.4  | W. 3rd & Hamilton           | 82nd - 3.7  | 11th & Pierce               |
| 37th - 3.4  | 4th & Court                 | 82nd - 3.7  | 18th & Douglas              |
| 37th - 3.4  | 8th & Douglas               | 82nd - 3.7  | Floyd & Outer               |
| 37th - 3.4  | 10th & Pierce               | 82nd - 3.7  | Gordon & Maple              |
| 37th - 3.4  | 14th & Douglas              | 82nd - 3.7  | Gordon & Stone              |
| 37th - 3.4  | 14th & Summit               | 82nd - 3.7  | M'side, Indiana & Paxton    |
| 37th - 3.4  | W. 14th & Center            | 82nd - 3.7  | Hamilton & Stone Park       |
| 37th - 3.4  | 18th & Lewis                | 82nd - 3.7  | Cunningham, Lewis & Transit |
| 37th - 3.4  | W. 19th & Riverside         | 97th - 3.8  | 7th & Jackson               |
| 37th - 3.4  | 28th & Lewis                | 97th - 3.8  | 7th & Pierce                |
| 37th - 3.4  | Gordon & Dace               | 97th - 3.8  | 14th & Nebraska             |
| 37th - 3.4  | Leech & Lewis               | 97th - 3.8  | W. 19th & Hamilton          |
| 37th - 3.4  | Transit & Alice             | 97th - 3.8  | W. 28th & Myrtle            |
| 50th - 3.5  | 3rd & Nebraska              | 97th - 3.8  | 29th & Jackson              |
| 50th - 3.5  | 3rd & Pierce                | 97th - 3.8  | Gordon & Fairmont           |
| 50th - 3.5  | 4th & Floyd                 | 97th - 3.8  | Leech & Cunningham          |

Severity Average continued

HIGH HAZARD INTERSECTIONS

| <u>Rank</u> | <u>Severity Average</u> |
|-------------|-------------------------|
| 105th - 3.9 | Gordon & Magnolia       |
| 105th - 3.9 | Leech & Fairmont        |
| 107th - 4   | 3rd & Jackson           |
| 107th - 4   | 4th & Fairmont          |
| 107th - 4   | 6th & Chambers          |
| 107th - 4   | 6th & Pearl             |
| 107th - 4   | 7th & Nebraska          |
| 107th - 4   | 11th & Floyd            |
| 107th - 4   | 20th & Pierce           |
| 107th - 4   | 27th & Pierce           |
| 115th - 5   | W. 19th & Allan         |

## HIGH HAZARD INTERSECTION IMPROVEMENTS

### Top Twelve

The previously discussed Hazard Index ranged from a high of 568 to a low of 48. The mean or average Hazard Index was 294.32. Accident rates ranged from a high of 8.6 accidents per one million entering vehicles down to a low of .49 accidents per one million entering vehicles. The average or mean of the accident rates for these intersections was 1.68 accidents per one million entering vehicles. This figure should not be considered a city wide average, as many intersections (those which had less than 5 accidents per year) were not included in the study.

Recommendations for engineering improvements are concentrated on those intersections which have Hazard Indexes in the top 11%. That is, we concentrated on those intersections which had a Hazard Index of 447.5 or greater.

The top twelve intersections we are mainly concerned with in this particular section are as follows:

1. 6th and Jones Streets
2. Dace Ave. and Floyd Blvd.
3. Leech Ave. and Lewis Blvd.
4. 14th and Pierce Streets
5. W. 7th and Hamilton Blvd.
6. 6th and Hoeven Streets
7. Gordon Drive and So. Westcott Street
8. 6th Street and Lewis Blvd.
9. 19th Street and Floyd Blvd.
10. 14th and Douglas Streets
11. 11th Street and Lewis Blvd.
12. 6th and Court Streets

## 1. 6th & Jones Streets

### Ranking

|                    |         |
|--------------------|---------|
| Hazard Index       | 568 (1) |
| Accident Rate      | 4.5 (2) |
| Accident Frequency | 84 (3)  |
| Severity Rate      | 2.8 (3) |

### Analysis

This particular intersection placed extremely high in all the areas of ranking. When reviewing the accident diagrams, you will observe that the accident pattern consists of left turn and right angle collisions. The major contributing factors to these situations is a sight distance problem at the southeast corner of the intersection. With the left turning movement accidents, the vehicles on Jones Street are more concerned with the flow of traffic traveling west on 6th Street and fail to observe the other traffic on Jones Street when making their left turns and this results in one of the collision problems. The right angle accidents deal mainly with the sight distance problem. Drivers attempt to cross 6th Street on Jones and cannot see the cross traffic on 6th. Due to poor visibility, we again have the second accident problem.

On December 24, 1979, our Traffic Engineering Division installed signal lights at 6th and Jones Streets funded through the City's Capital Improvements Program. Following the installation of the signal, there has been a continual decrease of traffic accidents but because of the recent installation, an accurate comparison cannot be made at this time. Because we feel the signal light has been most beneficial in reducing our accidents. there are currently no planned improvements for this intersection.

## Accident Summary

6TH & JONES

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">5</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">30</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">38</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">8</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">84</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 5  | 10:00 a.m. - 2:00 p.m. | 30 | 2:00 p.m. - 6:00 p.m.  | 38       | 6:00 p.m. - 10:00 p.m. | 8         | 10:00 p.m. - 2:00 a.m.  | 3                      | 2:00 a.m. - 6:00 a.m.  | <u>0</u>                     | <b>Totals</b>             | 84                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">20</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">47</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>14</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">84</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0        | Rear End           | 2        | Right Angle   | 20  | Left Turn | 47 | Pedestrian | 1 | Other | <u>14</u> | <b>Totals</b> | 84 |
|---|----------------------------|----------------------------|------------------------|----|------------------------|----|------------------------|----------|------------------------|-----------|---|------------------------|--|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|----------|--------------------|----------|---------------|-----|-----------|----|------------|---|-------|-----------|---------------|----|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| 6:00 a.m. - 10:00 a.m.  | 5                          |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| 10:00 a.m. - 2:00 p.m.  | 30                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| 2:00 p.m. - 6:00 p.m.   | 38                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| 6:00 p.m. - 10:00 p.m.  | 8                          |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| 10:00 p.m. - 2:00 a.m.  | 3                          |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| 2:00 a.m. - 6:00 a.m.   | <u>0</u>                   |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| <b>Totals</b>   | 84                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| <u>Accidents Type</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| Sideswipe   | 0                          |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| Rear End  | 2                          |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| Right Angle   | 20                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| Left Turn   | 47                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| Pedestrian  | 1                          |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| Other   | <u>14</u>                  |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| <b>Totals</b>   | 84                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">25</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">22</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">21</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;"><u>16</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">84</td> </tr> </tbody> </table>   | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb. ) | 25 | Spring ( March - May ) | 22 | Summer ( June - Aug. ) | 21       | Fall ( Sept. - Nov. )  | <u>16</u> | <b>Totals</b>   | 84                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">53</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">71</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">41</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">165</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 53  | South ( Northbound )  | 71                         | East ( Westbound ) | 41       | West ( Eastbound ) | <u>0</u> | <b>Totals</b> | 165 |           |    |            |   |       |           |               |    |
| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| Winter ( Dec. - Feb. )  | 25                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| Spring ( March - May )  | 22                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| Summer ( June - Aug. )  | 21                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| Fall ( Sept. - Nov. )   | <u>16</u>                  |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| <b>Totals</b>   | 84                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| North ( Southbound )  | 53                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| South ( Northbound )  | 71                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| East ( Westbound )  | 41                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| West ( Eastbound )  | <u>0</u>                   |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| <b>Totals</b>   | 165                        |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">41</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>4</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">45</td> </tr> </tbody> </table>  | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 41 | Icy                    | 0  | Wet                    | <u>4</u> | <b>Totals</b>          | 45        | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">3</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">2</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">4</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>2</u></td> </tr> <tr> <td style="text-align: right;">4 year Average</td> <td style="text-align: center;">2.8</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>   | 1976                         | 3                         | 1977                 | 2   | 1978                  | 4                          | 1979               | <u>2</u> | 4 year Average     | 2.8      |               |     |           |    |            |   |       |           |               |    |
| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| Dry   | 41                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| Icy   | 0                          |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| Wet   | <u>4</u>                   |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| <b>Totals</b>   | 45                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| 1976  | 3                          |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| 1977  | 2                          |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| 1978  | 4                          |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| 1979  | <u>2</u>                   |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |
| 4 year Average  | 2.8                        |                            |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |     |           |    |            |   |       |           |               |    |





INDICATE NORTH  
BY ARROW

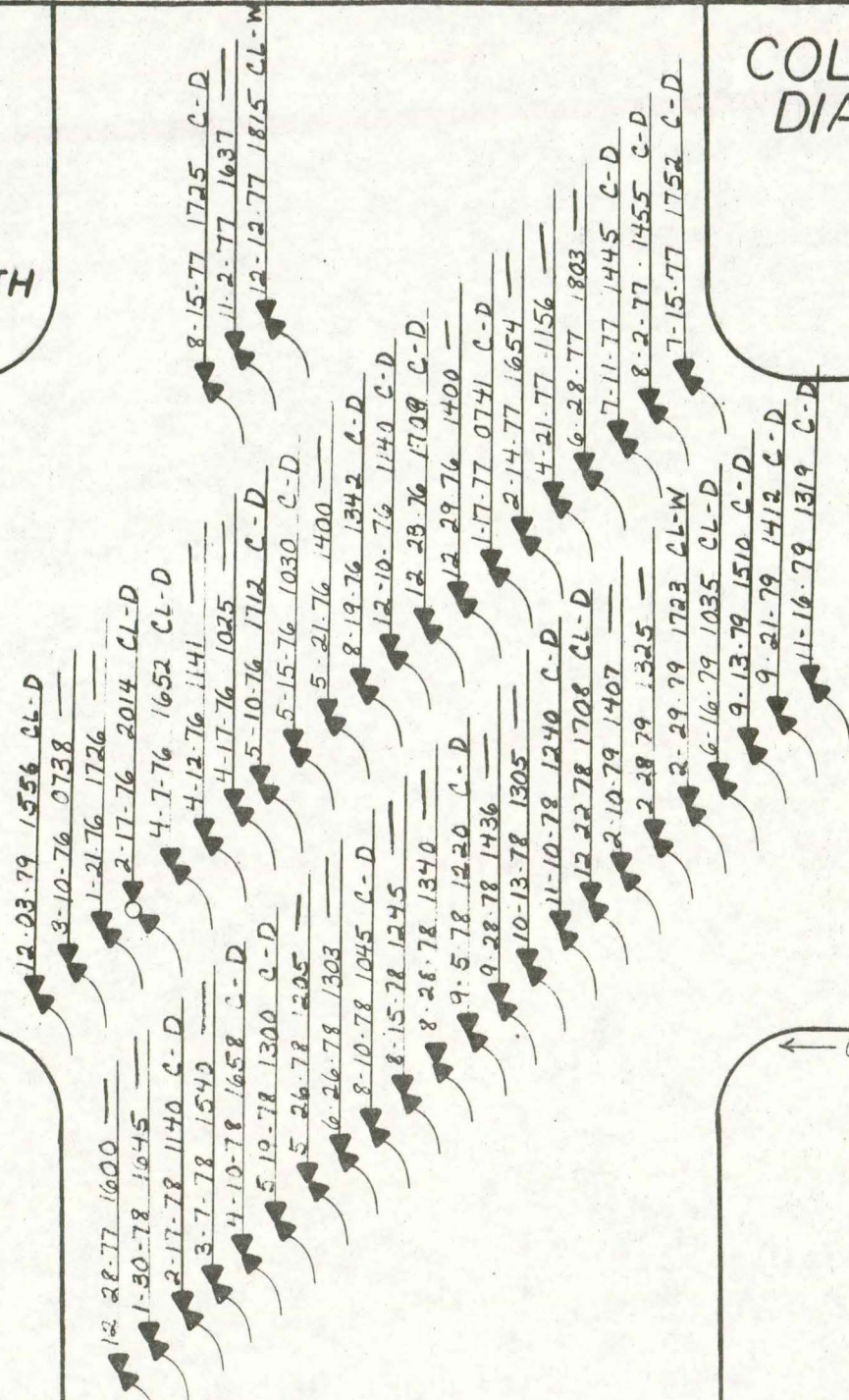
# COLLISION DIAGRAM

← ONE WAY ←

COTH  
NAME

← ONE WAY ←

JONES  
NAME

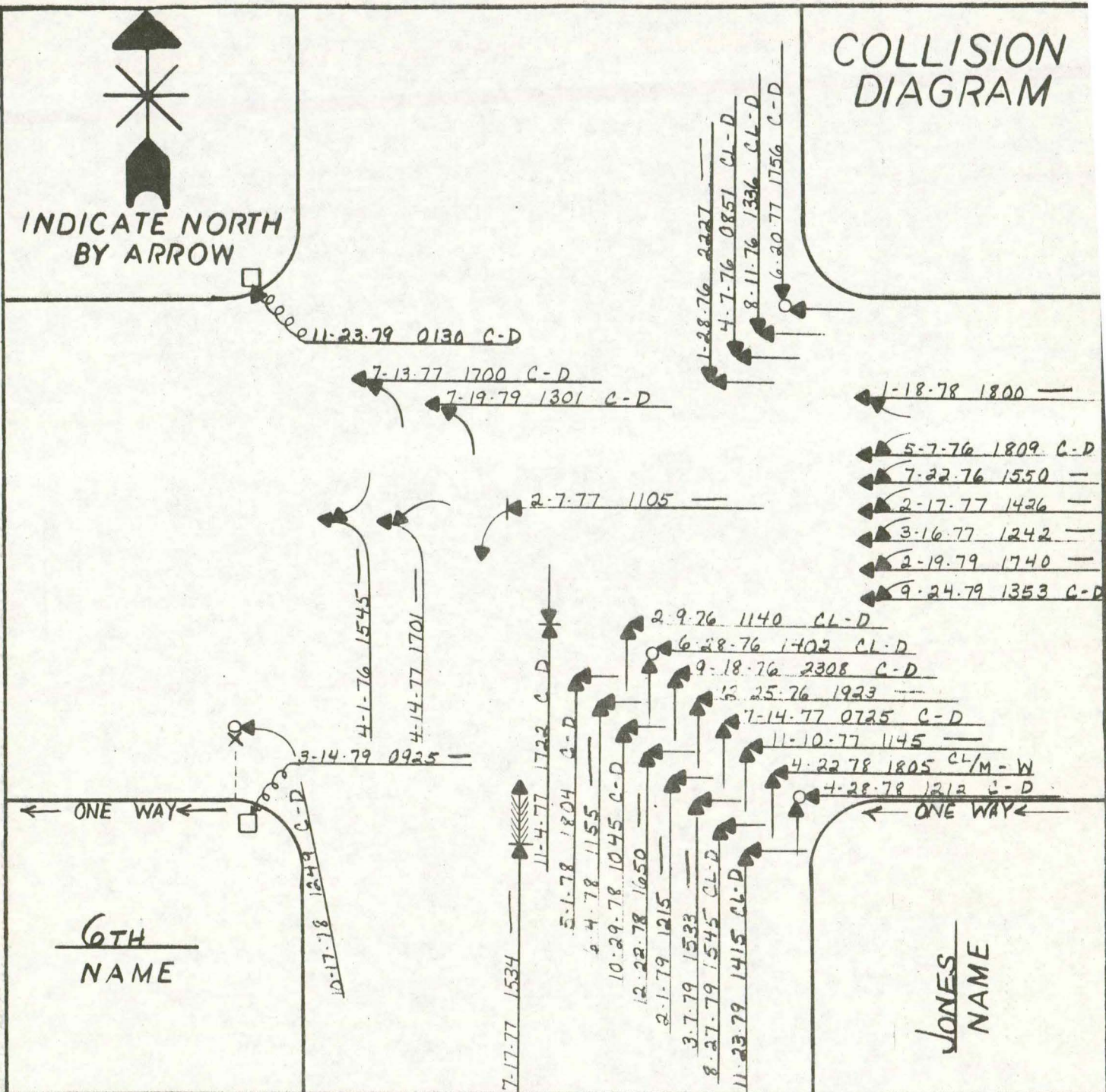


| - SYMBOLS - |                  | TYPE OF COLLISION | WEATHER ROAD CONDITIONS |
|-------------|------------------|-------------------|-------------------------|
| ←           | MOVING VEHICLE   | ← * →             | C-CLEAR                 |
| ← * * * *   | BACKING VEHICLE  | ← * →             | CL-CLOUDY               |
| ← - - -     | NON-INV. VEHICLE | ← * →             | R-RAIN                  |
| X - - -     | PEDESTRIAN       | ← * →             | S-SNOW                  |
| □           | PARKED VEHICLE   | ← * →             | SL-SLEET                |
| □           | FIXED OBJECT     | ← * →             | F-FOG                   |
| ●           | FATAL ACCIDENT   | ← * →             | M-MIST                  |
| ○           | INJURY ACCIDENT  | ← * →             | W-HIGH WIND             |
|             |                  | ← * →             | D-DRY                   |
|             |                  | ← * →             | W-WET                   |
|             |                  | ← * →             | S-SNOW                  |
|             |                  | ← * →             | I-ICE                   |
|             |                  | ← * →             | SL-SLUSH                |
|             |                  | ← * →             | M-MUD                   |
|             |                  | ← * →             | O-OTHER (SPECIFY)       |

INTERSECTION COTH AND JONES  
 PERIOD 4 YEARS : FROM 1976 TO 1979

# COLLISION DIAGRAM

INDICATE NORTH BY ARROW



## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ☐ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←→ REAR END
- HEAD ON
- ←→ SIDE SWIPE
- ←→ OUT OF CONTROL
- ←→ LEFT TURN
- ↑ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 6TH AND JONES  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 6th & Jones Sts.

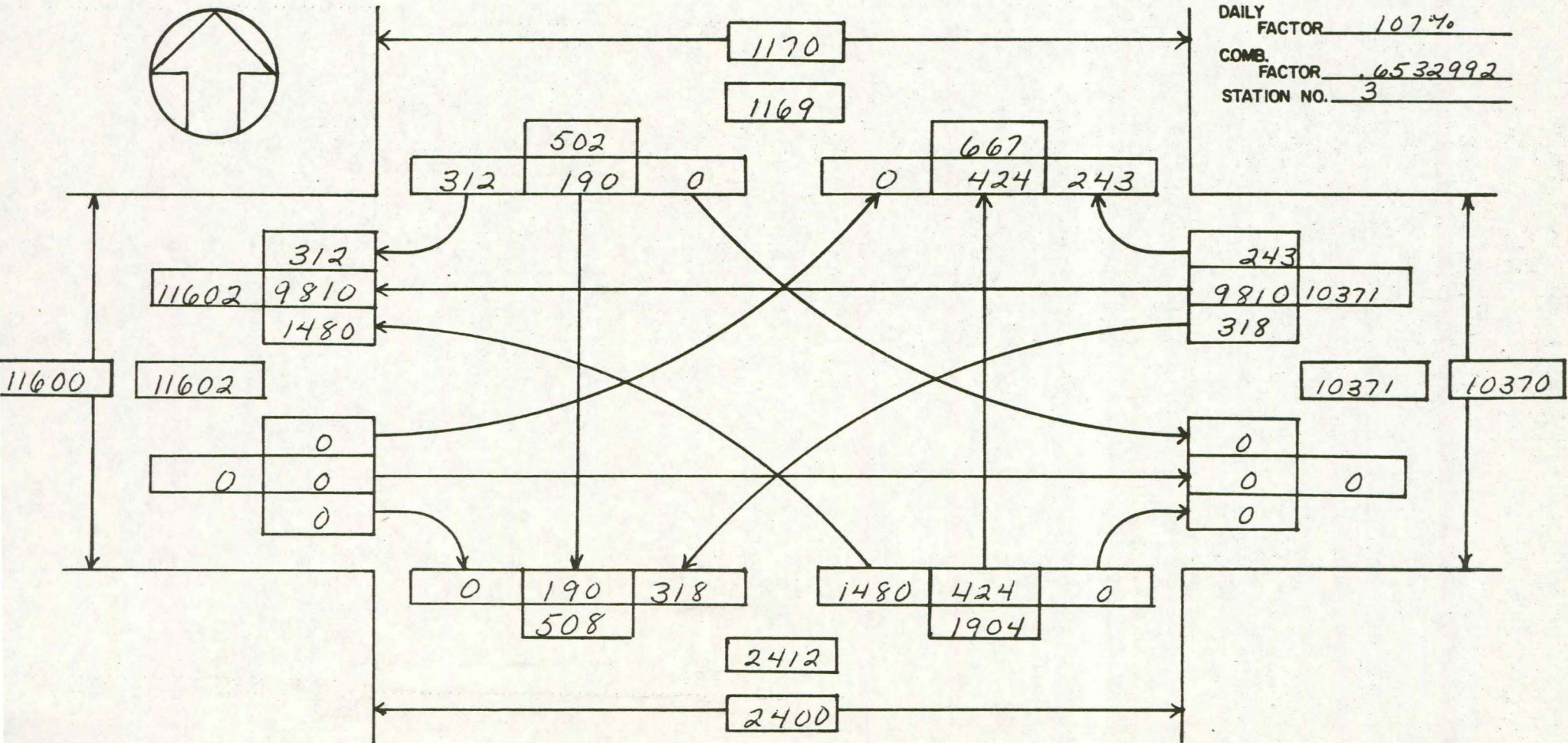
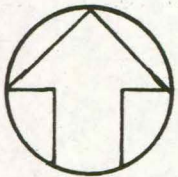
DATE 7-19-79

DAY Thursday WEATHER —

HOURS COUNTED 7-12am; 1-6pm.

HOURS SHOWN 24 Hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 63.6%  
 MONTHLY FACTOR 96%  
 DAILY FACTOR 107%  
 COMB. FACTOR .6532992  
 STATION NO. 3



2. Dace Ave. and Floyd Blvd.

Ranking

|                    |       |      |
|--------------------|-------|------|
| Hazard Index       | 517.5 | (2)  |
| Accident Rate      | 2.7   | (12) |
| Accident Frequency | 62    | (12) |
| Severity Rate      | 3.1   | (13) |

Analysis

According to the traffic counts taken with this study, 14 percent of the traffic through this intersection is single unit or larger trucks.

Several accident types shown on the collision diagram can result because of the presence of a large truck instead of a passenger size vehicle. Many of the left turn accidents happen because a large truck blocks the sight and a vehicle passing on the right side of the truck is involved in a collision with a turning vehicle. There are also several right turn accidents shown. These usually result in a smaller vehicle getting caught between the curb line and a large truck that needs a larger turning radius than a smaller vehicle.

This intersection needs to be reconstructed with wider lanes and larger corner radii. When the City makes a decision on replacement of the Floyd Blvd. viaduct, just north of this intersection, Dace Ave. and Floyd Blvd. would be included for reconstruction.

Because of the uncertainty of the timing of the Floyd Blvd. viaduct project and the high accident rate, Traffic Engineering will investigate signing and marking changes that can be done on a temporary basis.

## Accident Summary

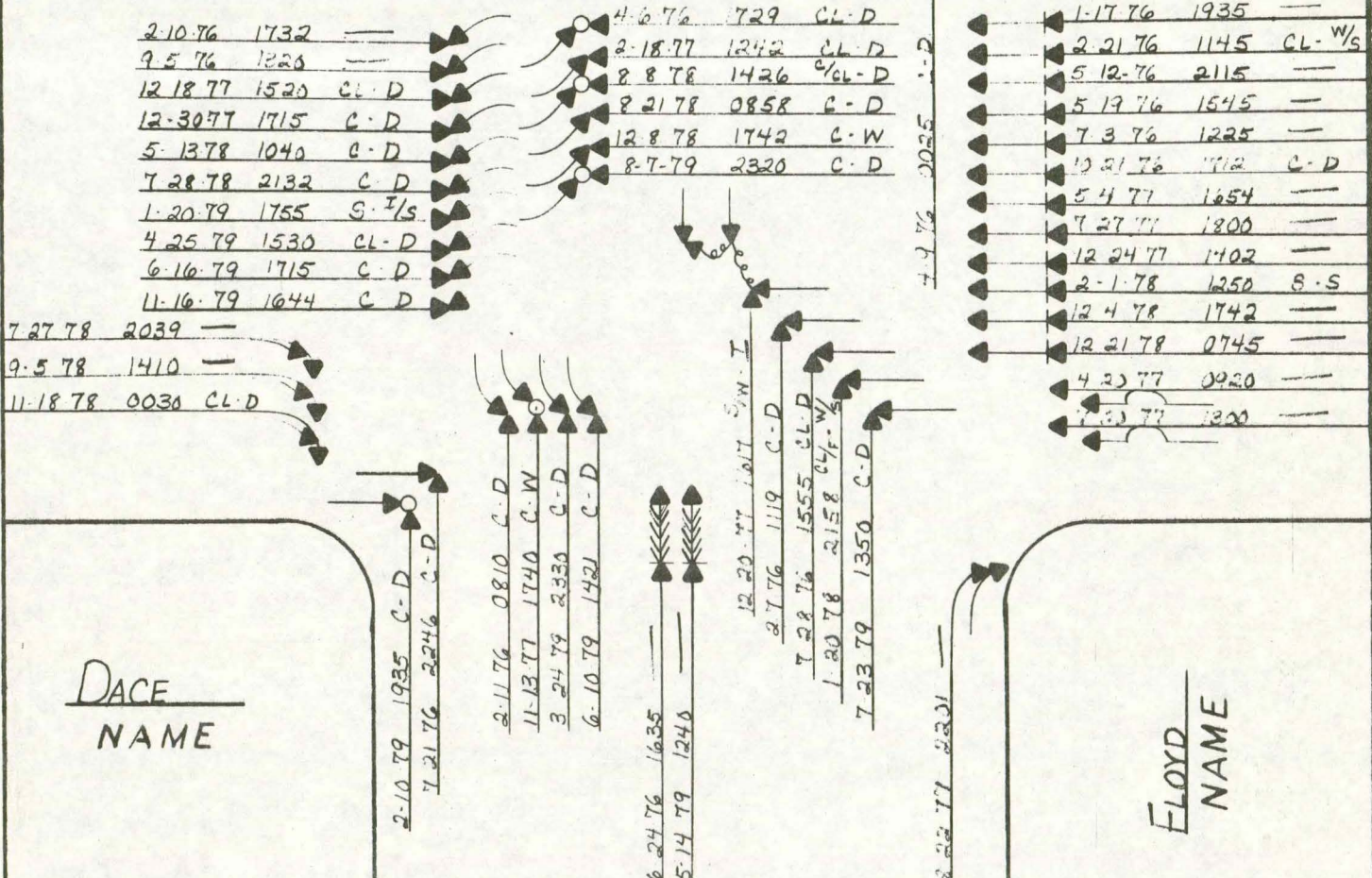
DACE & FLOYD

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: right;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: right;">10</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: right;">12</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: right;">26</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: right;">7</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: right;">7</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: right;"><u>0</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: right;">62</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 10 | 10:00 a.m. - 2:00 p.m. | 12 | 2:00 p.m. - 6:00 p.m.  | 26       | 6:00 p.m. - 10:00 p.m. | 7        | 10:00 p.m. - 2:00 a.m.  | 7                      | 2:00 a.m. - 6:00 a.m.  | <u>0</u>                     | <b>Totals</b>             | 62                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: right;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Rear End</td> <td style="text-align: right;">17</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: right;">11</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: right;">20</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: right;"><u>11</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: right;">62</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 3          | Rear End              | 17        | Right Angle   | 11  | Left Turn | 20 | Pedestrian | 0 | Other | <u>11</u> | <b>Totals</b> | 62 |
|---|----------------------------|----------------------------|------------------------|----|------------------------|----|------------------------|----------|------------------------|----------|---|------------------------|--|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|------------|-----------------------|-----------|---------------|-----|-----------|----|------------|---|-------|-----------|---------------|----|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| 6:00 a.m. - 10:00 a.m.  | 10                         |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| 10:00 a.m. - 2:00 p.m.  | 12                         |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| 2:00 p.m. - 6:00 p.m.   | 26                         |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| 6:00 p.m. - 10:00 p.m.  | 7                          |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| 10:00 p.m. - 2:00 a.m.  | 7                          |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| 2:00 a.m. - 6:00 a.m.   | <u>0</u>                   |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| <b>Totals</b>   | 62                         |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| <u>Accidents Type</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| Sideswipe   | 3                          |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| Rear End  | 17                         |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| Right Angle   | 11                         |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| Left Turn   | 20                         |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| Pedestrian  | 0                          |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| Other   | <u>11</u>                  |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| <b>Totals</b>   | 62                         |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: right;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: right;">21</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: right;">15</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: right;">18</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: right;"><u>8</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: right;">62</td> </tr> </tbody> </table>   | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb. ) | 21 | Spring ( March - May ) | 15 | Summer ( June - Aug. ) | 18       | Fall ( Sept. - Nov. )  | <u>8</u> | <b>Totals</b>   | 62                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: right;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: right;">29</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: right;">18</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: right;">51</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: right;"><u>27</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: right;">125</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 29  | South ( Northbound )  | 18                         | East ( Westbound ) | 51         | West ( Eastbound )    | <u>27</u> | <b>Totals</b> | 125 |           |    |            |   |       |           |               |    |
| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| Winter ( Dec. - Feb. )  | 21                         |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| Spring ( March - May )  | 15                         |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| Summer ( June - Aug. )  | 18                         |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| Fall ( Sept. - Nov. )   | <u>8</u>                   |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| <b>Totals</b>   | 62                         |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| North ( Southbound )  | 29                         |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| South ( Northbound )  | 18                         |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| East ( Westbound )  | 51                         |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| West ( Eastbound )  | <u>27</u>                  |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| <b>Totals</b>   | 125                        |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: right;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: right;">28</td> </tr> <tr> <td>Icy</td> <td style="text-align: right;">4</td> </tr> <tr> <td>Wet</td> <td style="text-align: right;"><u>5</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: right;">37</td> </tr> </tbody> </table>  | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 28 | Icy                    | 4  | Wet                    | <u>5</u> | <b>Totals</b>          | 37       | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: right;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: right;">3</td> </tr> <tr> <td>1977</td> <td style="text-align: right;">3</td> </tr> <tr> <td>1978</td> <td style="text-align: right;">3</td> </tr> <tr> <td>1979</td> <td style="text-align: right;"><u>3.1</u></td> </tr> <tr> <td><b>4 year Average</b></td> <td style="text-align: right;">3.1</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>   | 1976                         | 3                         | 1977                 | 3   | 1978                  | 3                          | 1979               | <u>3.1</u> | <b>4 year Average</b> | 3.1       |               |     |           |    |            |   |       |           |               |    |
| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| Dry   | 28                         |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| Icy   | 4                          |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| Wet   | <u>5</u>                   |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| <b>Totals</b>   | 37                         |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| 1976  | 3                          |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| 1977  | 3                          |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| 1978  | 3                          |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| 1979  | <u>3.1</u>                 |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |
| <b>4 year Average</b>   | 3.1                        |                            |                        |    |                        |    |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |     |           |    |            |   |       |           |               |    |

# COLLISION DIAGRAM

INDICATE NORTH BY ARROW

3-11-76 1644 R.W  
3-31-79 1323



| - SYMBOLS -  | TYPE OF COLLISION  | WEATHER ROAD CONDITIONS  |
|--|--|--|
| <ul style="list-style-type: none"> <li>← MOVING VEHICLE</li> <li>←←← BACKING VEHICLE</li> <li>←--- NON-INV. VEHICLE</li> <li>X--- PEDESTRIAN</li> <li>▣ PARKED VEHICLE</li> <li>□ FIXED OBJECT</li> <li>● FATAL ACCIDENT</li> <li>○ INJURY ACCIDENT</li> </ul> | <ul style="list-style-type: none"> <li>←← REAR END</li> <li>←→ HEAD ON</li> <li>←↘ SIDE SWIPE</li> <li>←~ OUT OF CONTROL</li> <li>←↙ LEFT TURN</li> <li>↗ RIGHT ANGLE</li> </ul> | <ul style="list-style-type: none"> <li>C-CLEAR</li> <li>CL-CLOUDY</li> <li>R-RAIN</li> <li>S-SNOW</li> <li>SL-SLEET</li> <li>F-FOG</li> <li>M-MIST</li> <li>W-HIGHWIND</li> <li>D-DRY</li> <li>W-WET</li> <li>S-SNOW</li> <li>I-ICE</li> <li>SL-SLUSH</li> <li>M-MUD</li> <li>O-OTHER (SPECIFY)</li> </ul> |

INTERSECTION DACE AND FLOYD  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION Floyd Blvd + Dace Ave.

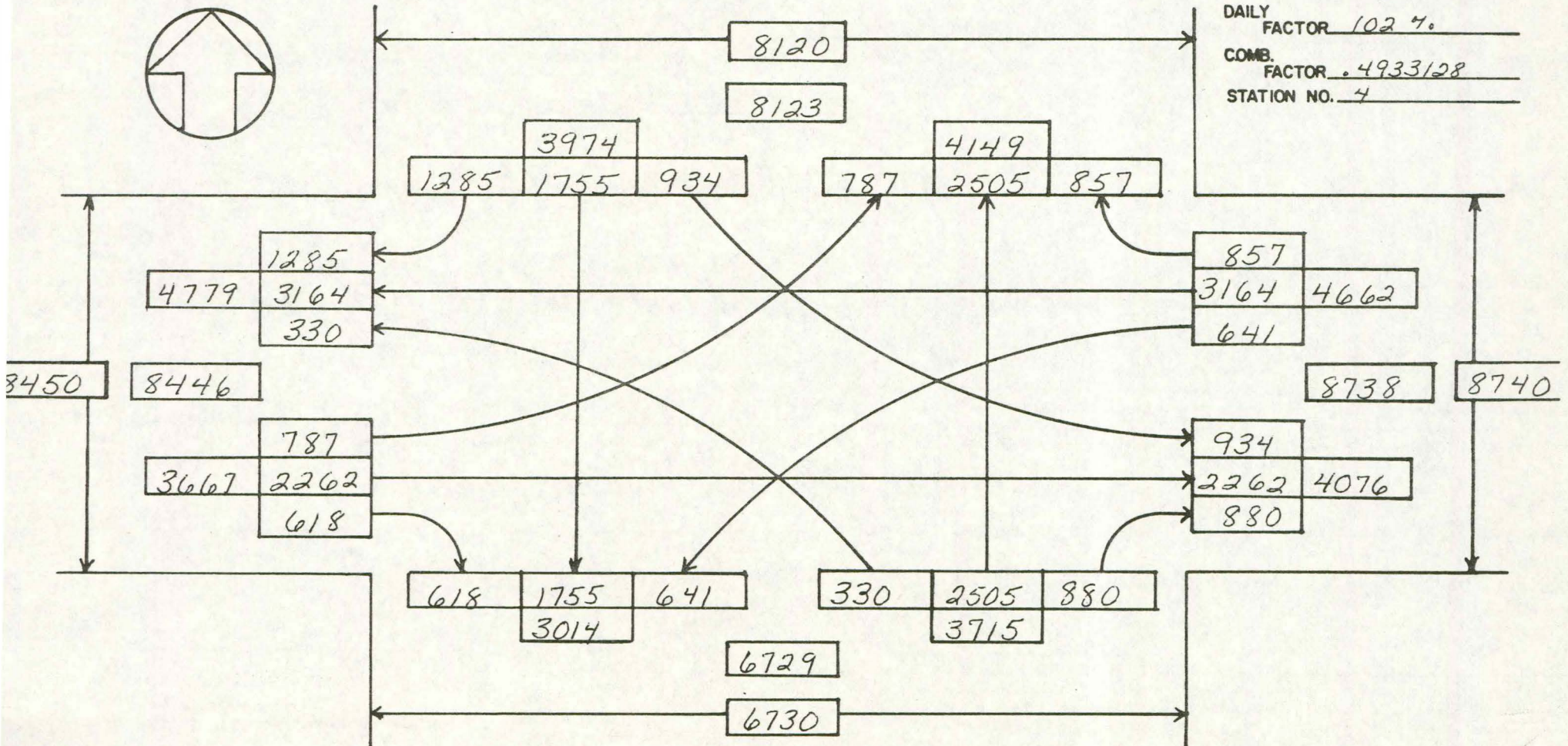
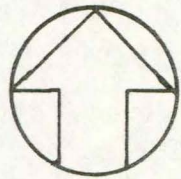
DATE 6-4-80

DAY Wednesday WEATHER overcast

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 45.2%  
 MONTHLY FACTOR 107%  
 DAILY FACTOR 102%  
 COMB. FACTOR .4933/28  
 STATION NO. 4



3. Leech Ave. and Lewis Blvd.

Ranking

|                    |      |      |
|--------------------|------|------|
| Hazard Index       | 514  | (3)  |
| Accident Rate      | 2.77 | (10) |
| Accident Frequency | 92   | (1)  |
| Severity Rate      | 3.4  | (37) |

Analysis

This intersection was reconstructed and a new five phase full actuated traffic signal was installed with the Highway 75 project completed in 1978.

The majority of the accidents since that time have been caused by drivers attempting to make prohibited movements. The rear end accidents on Lewis Blvd. are caused partially by the high speeds. The speed limit drops from 45 m.p.h. to 35 m.p.h. just south of this intersection for northbound vehicles. The Sioux City Police Department regularly enforces the speed limit in this area.

The Iowa Department of Transportation has recently changed the signing and added pavement markings that emphasize the prohibited left turn to Leech Ave. from the Gordon Dr. OFF ramp. This movement has been a major accident problem recently.

If these changes do not improve the accident rate by reducing turning movement violations, we will look at engineering changes that could decrease the accident rate.



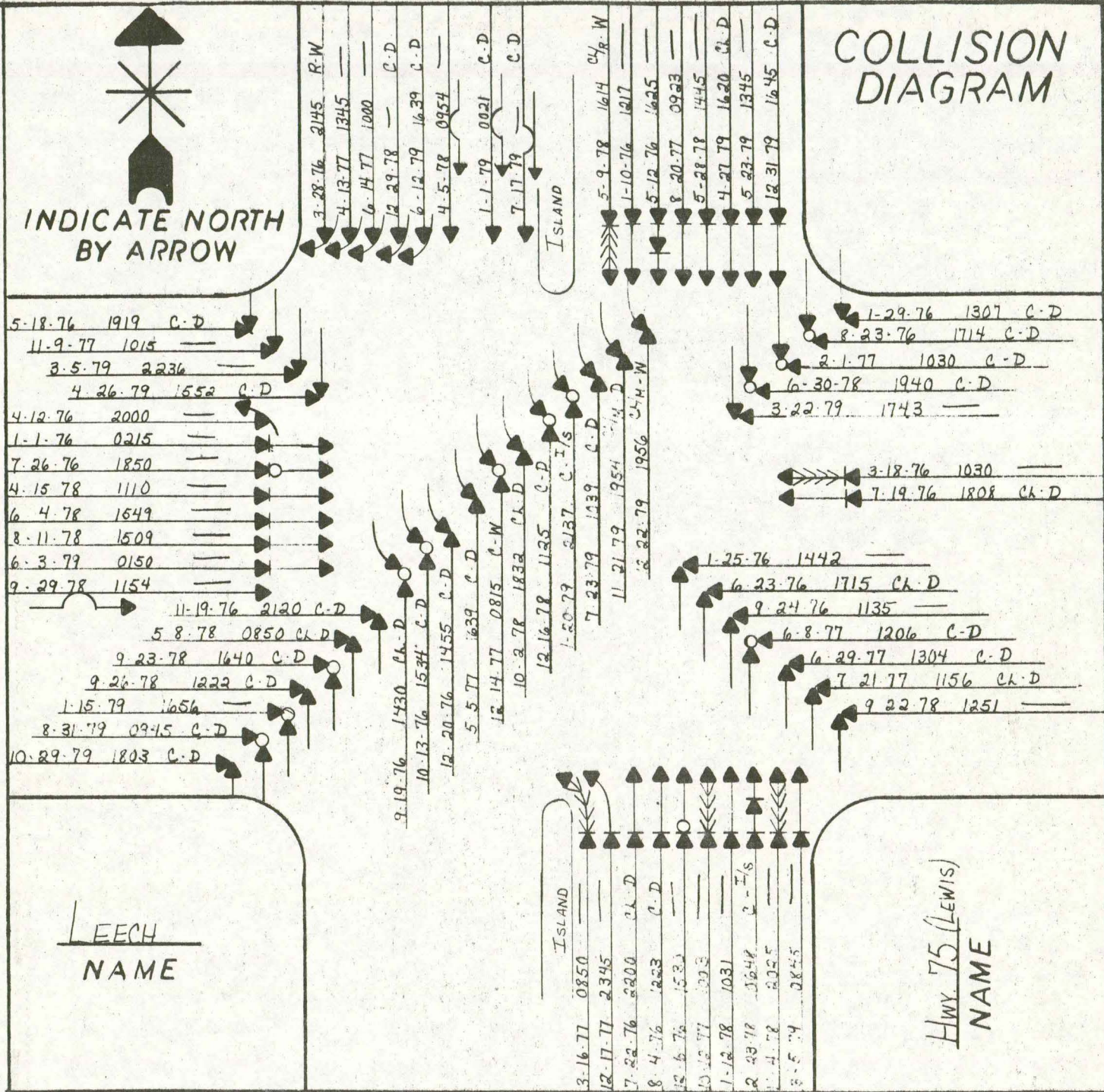
## Accident Summary

LEECH & LEWIS

|  |   |
|--|---|
| <p><u>Time of Day</u></p> <p>6:00 a.m. - 10:00 a.m.      9</p> <p>10:00 a.m. - 2:00 p.m.      32</p> <p>2:00 p.m. - 6:00 p.m.      23</p> <p>6:00 p.m. - 10:00 p.m.      17</p> <p>10:00 p.m. - 2:00 a.m.      7</p> <p>2:00 a.m. - 6:00 a.m.      <u>2</u></p> <p style="text-align: right;">Totals                      90</p> | <p><u>Accidents Type</u></p> <p>Sideswipe                      5</p> <p>Rear End                        26</p> <p>Right Angle                    29</p> <p>Left Turn                       13</p> <p>Pedestrian                      0</p> <p>Other                            <u>19</u></p> <p style="text-align: right;">Totals                        92</p> |
| <p><u>Time of Year</u></p> <p>Winter ( Dec. - Feb.)      25</p> <p>Spring ( March - May)      22</p> <p>Summer ( June - Aug.)      26</p> <p>Fall ( Sept. - Nov.)      <u>19</u></p> <p style="text-align: right;">Totals                        92</p>  | <p><u>Direction of Approach</u></p> <p>North ( Southbound )      60</p> <p>South ( Northbound )      66</p> <p>East ( Westbound )      26</p> <p>West ( Eastbound )      <u>35</u></p> <p style="text-align: right;">Totals                        187</p>  |
| <p><u>Pavement Condition</u></p> <p>Dry                              41</p> <p>Icy                                3</p> <p>Wet                                <u>7</u></p> <p style="text-align: right;">Totals                        51</p>  | <p><u>Injury Severity</u></p> <p>1976                              3.7</p> <p>1977                              3.4</p> <p>1978                              3.3</p> <p>1979                              <u>3.3</u></p> <p style="text-align: right;">4 year Average              3.4</p>  |

# COLLISION DIAGRAM

INDICATE NORTH BY ARROW



## - SYMBOLS -

- MOVING VEHICLE
- BACKING VEHICLE
- NON-INV. VEHICLE
- PEDESTRIAN
- PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- REAR END
- HEAD ON
- SIDE SWIPE
- OUT OF CONTROL
- LEFT TURN
- RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION LEECH AND Hwy 75 (LEWIS)  
 PERIOD 4 YEARS : FROM 1976 TO 1979

# COLLISION DIAGRAM

INDICATE NORTH BY ARROW



8-8-79 0010 C-D  
12-9-79 1836 C-D

ISLAND

8-26-76 1140

10-31-77 2011 C-D

9-30-77 1100 C-D

1-15-79 1656

8-25-79 2106 C/R-W

6-15-78 1101 C-D

10-25-78 1315

12-28-76 1300

2-3-78 1223 C-W

8-5-76 1354 C-D

5-16-77 1920 C-D

1-11-79 1334 C/S-I/S

2-24-79 1626 C-D

6-9-79 1115 R-W

10-29-77 0200

3-24-77 0940

LEECH  
NAME

Hwy 75 (LEWIS)  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←+ REAR END
- ←+ HEAD ON
- ←+ SIDE SWIPE
- ←+ OUT OF CONTROL
- ←+ LEFT TURN
- ←+ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION LEECH AND Hwy 75 (LEWIS)  
 PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION Leech & Lewis (Hwy. 75)

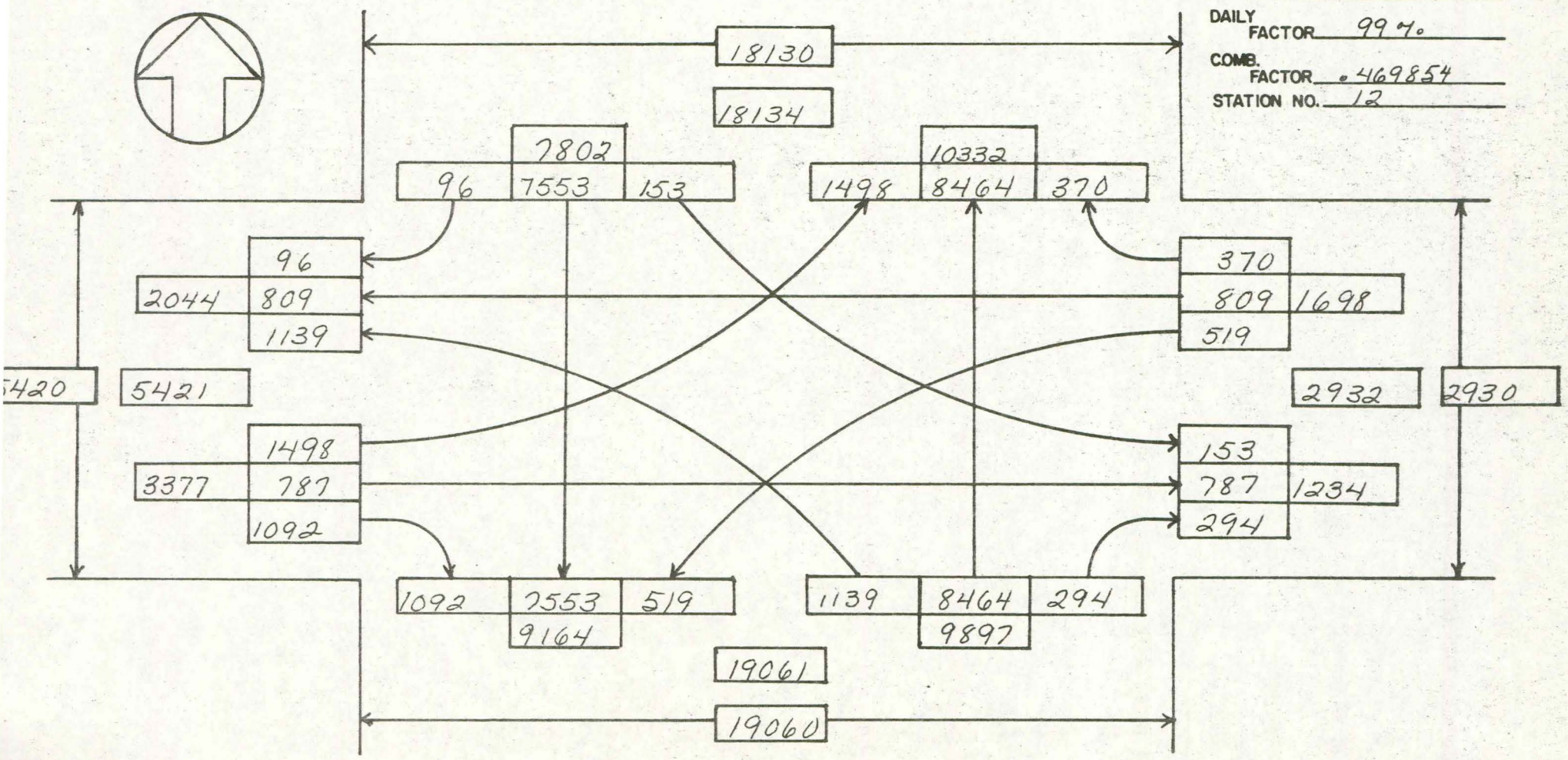
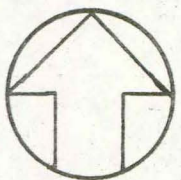
DATE 8-6-79

DAY Monday WEATHER \_\_\_\_\_

HOURS COUNTED 7-9am; 11-1pm; 3-6pm

HOURS SHOWN 24 hrs. factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 45.2%  
 MONTHLY FACTOR 105%  
 DAILY FACTOR 99%  
 COMB. FACTOR .469854  
 STATION NO. 12



#### 4. 14th & Pierce Streets

##### Ranking

|                    |      |      |
|--------------------|------|------|
| Hazard Index       | 494  | (4)  |
| Accident Rate      | 3.13 | (7)  |
| Accident Frequency | 76   | (4)  |
| Severity Rate      | 3.5  | (50) |

##### Analysis

The present signal indications for this intersection are eight (8) inch indications on the far left and far right corners of the intersection. Pierce street is a one way street and it is fifty three (53) feet wide. These indications are inadequate for this street width.

14th Street is a major crosstown street. The signal progression on 14th Street had vehicles stopping both directions on 14th Street at Pierce Street. The progression has been changed so only westbound vehicles are required to stop at Pierce Street.

The Traffic Engineering Division is going to propose to City Council, a one way pair of streets on 13th and 14th Streets between Jones Street and Grandview Blvd with 14th Street going westbound and 13th Street eastbound. Several traffic signals would have to be upgraded on 14th Street and several new traffic signals would have to be installed on 13th Street. In addition to the increased street capacity and time savings, this project should decrease the number of accidents at this intersection. If this project is approved by City Council, implementation is planned for the summer of 1982.

We will upgrade this intersection of 14th and Pierce Streets with mast arm indications for southbound traffic even if this project is not approved.

## Accident Summary

14TH& PIERCE

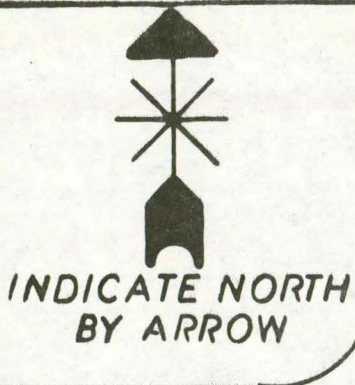
| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 10                         | Sideswipe             | 1                          |
| 10:00 a.m. - 2:00 p.m. | 17                         | Rear End              | 11                         |
| 2:00 p.m. - 6:00 p.m.  | 26                         | Right Angle           | 48                         |
| 6:00 p.m. - 10:00 p.m. | 13                         | Left Turn             | 3                          |
| 10:00 p.m. - 2:00 a.m. | 8                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>1</u>                   | Other                 | <u>13</u>                  |
| <b>Totals</b>          | 75                         | <b>Totals</b>         | 76                         |

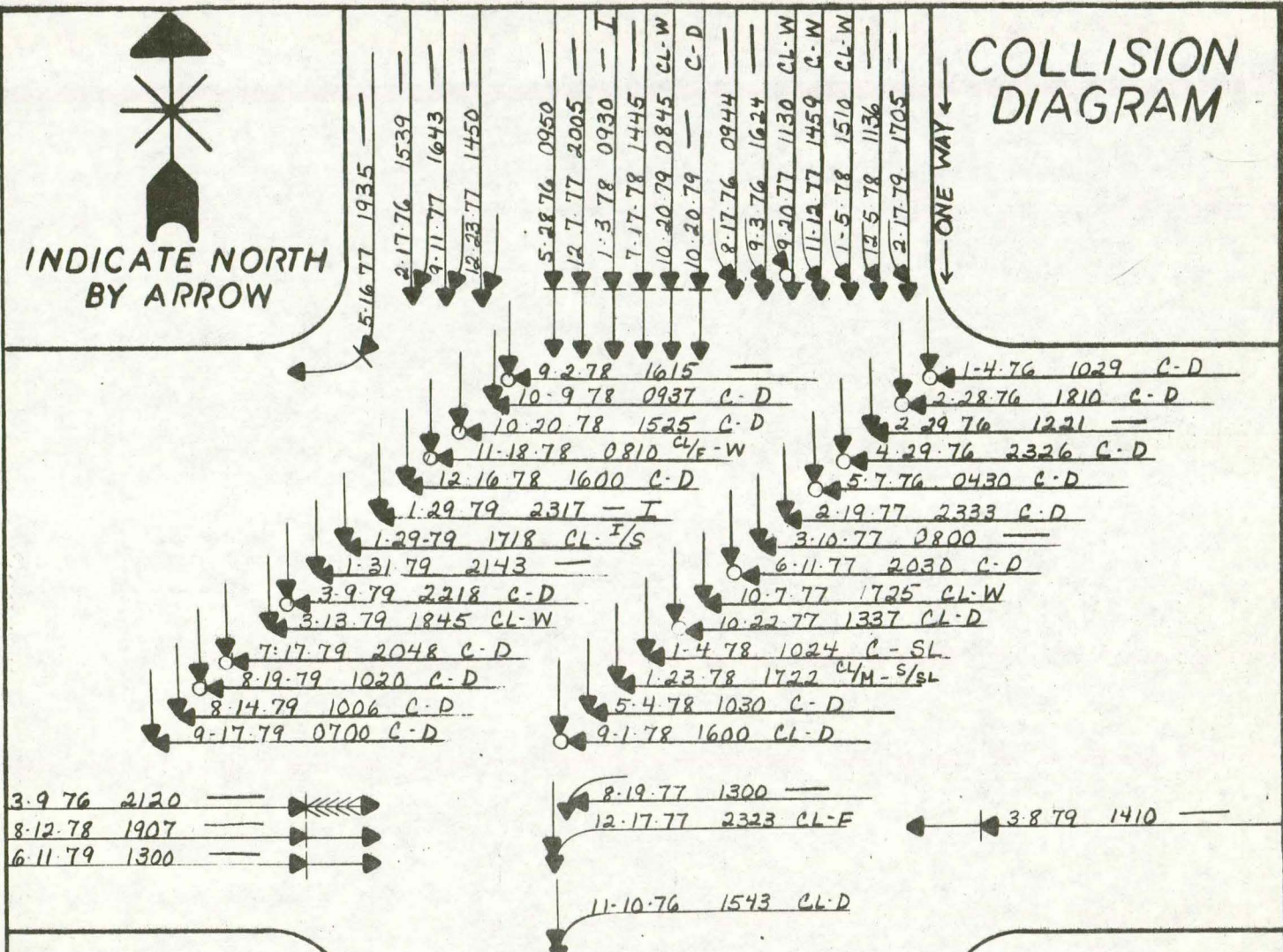
| <u>Time of Year</u>   | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|-----------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb.) | 28                         | North ( Southbound )         | 83                        |
| Spring ( March - May) | 11                         | South ( Northbound )         | 0                         |
| Summer ( June - Aug.) | 16                         | East ( Westbound )           | 40                        |
| Fall ( Sept. - Nov.)  | <u>21</u>                  | West ( Eastbound )           | <u>31</u>                 |
| <b>Totals</b>         | 76                         | <b>Totals</b>                | 154                       |

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 22                         | 1976                   | 3.4            |
| Icy                       | 3                          | 1977                   | 3.5            |
| Wet                       | <u>8</u>                   | 1978                   | 4              |
| <b>Totals</b>             | 33                         | 1979                   | <u>3.2</u>     |
|                           |                            | <b>4 year Average</b>  | 3.5            |



# COLLISION DIAGRAM



3-9-76 2120 —  
8-12-78 1907 —  
6-11-79 1300 —

8-19-77 1300 —  
12-17-77 2323 CL-F  
11-10-76 1543 CL-D

3-8-79 1410 —

14TH  
NAME

PIERCE  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←⊥ OUT OF CONTROL
- ←↙ LEFT TURN
- ↑ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

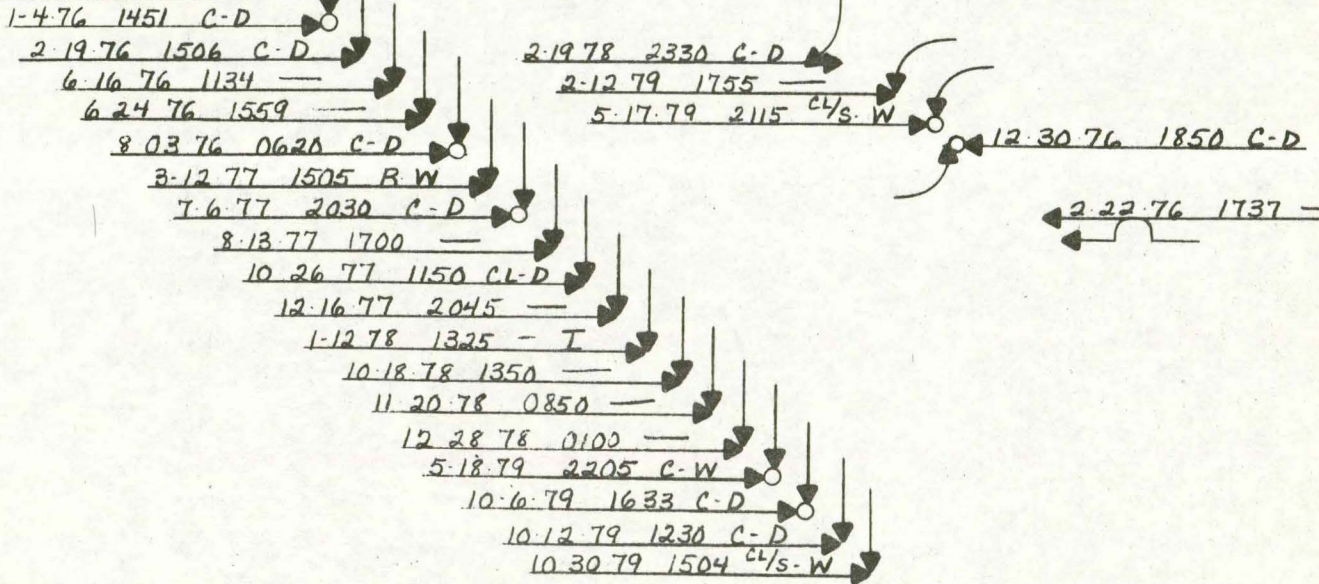
- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 14TH AND PIERCE  
 PERIOD 4 YEARS : FROM 1976 TO 1979

INDICATE NORTH  
BY ARROW

COLLISION  
DIAGRAM

ONE WAY



14TH  
NAME

PIERCE  
NAME

ONE WAY

- SYMBOLS -

- ← MOVING VEHICLE
- ↔ BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ← + ← REAR END
- ← + → HEAD ON
- ← + ↘ SIDE SWIPE
- ← + eeee OUT OF CONTROL
- ← + ↙ LEFT TURN
- ↑ + ← RIGHT ANGLE

WEATHER ROAD  
CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 14TH AND PIERCE  
PERIOD 4 YEARS : FROM 1976 TO 1979



VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 14th + Pierce Sts.

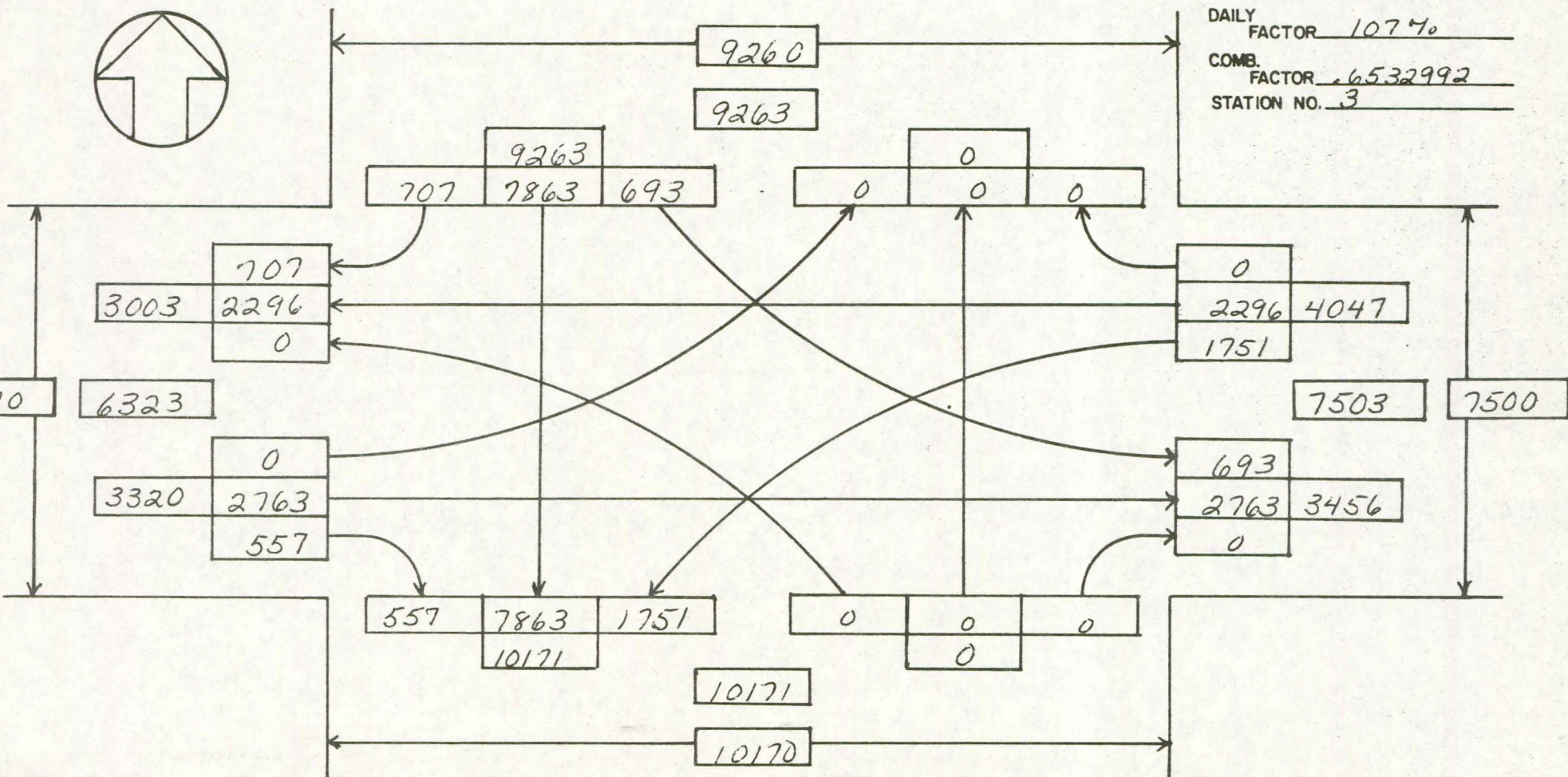
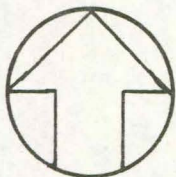
DATE 7-19-79

DAY Thursday WEATHER —

HOURS COUNTED 7-12am; 1-6pm

HOURS SHOWN 24 Hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 63.6%  
 MONTHLY FACTOR 96%  
 DAILY FACTOR 107%  
 COMB. FACTOR .6532992  
 STATION NO. 3



5. W. 7th & Hamilton Blvd.

Ranking

|                    |       |      |
|--------------------|-------|------|
| Hazard Index       | 495.5 | (5)  |
| Accident Rate      | 2.06  | (27) |
| Accident Frequency | 75    | (7)  |
| Severity Rate      | 3.1   | (13) |

Analysis

This intersection is controlled by a three phase fixed time system with a left turn phase for Hamilton Blvd. The indications are all twelve inch signal faces on mast arms.

This intersection is in a progression system on Hamilton Blvd. between W. 3rd Street and W. 14th Street. This system will be included in the Master Control System with all of these intersections, including W. 7th Street, being changed to semi-actuated. This will allow timing plans to be changed in response to traffic demands instead of a fixed time basis. This will reduce the number of stops at this intersection which will reduce the potential for accidents.

Accident Summary  
W.7th & Hamilton Blvd.

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 12                         | Sideswipe             | 1                          |
| 10:00 a.m. - 2:00 p.m. | 10                         | Rear End              | 35                         |
| 2:00 p.m. - 6:00 p.m.  | 29                         | Right Angle           | 18                         |
| 6:00 p.m. - 10:00 p.m. | 14                         | Left Turn             | 9                          |
| 10:00 p.m. - 2:00 a.m. | 6                          | Pedestrian            | 3                          |
| 2:00 a.m. - 6:00 a.m.  | <u>2</u>                   | Other                 | <u>9</u>                   |
| Totals                 | 73                         | Totals                | 75                         |

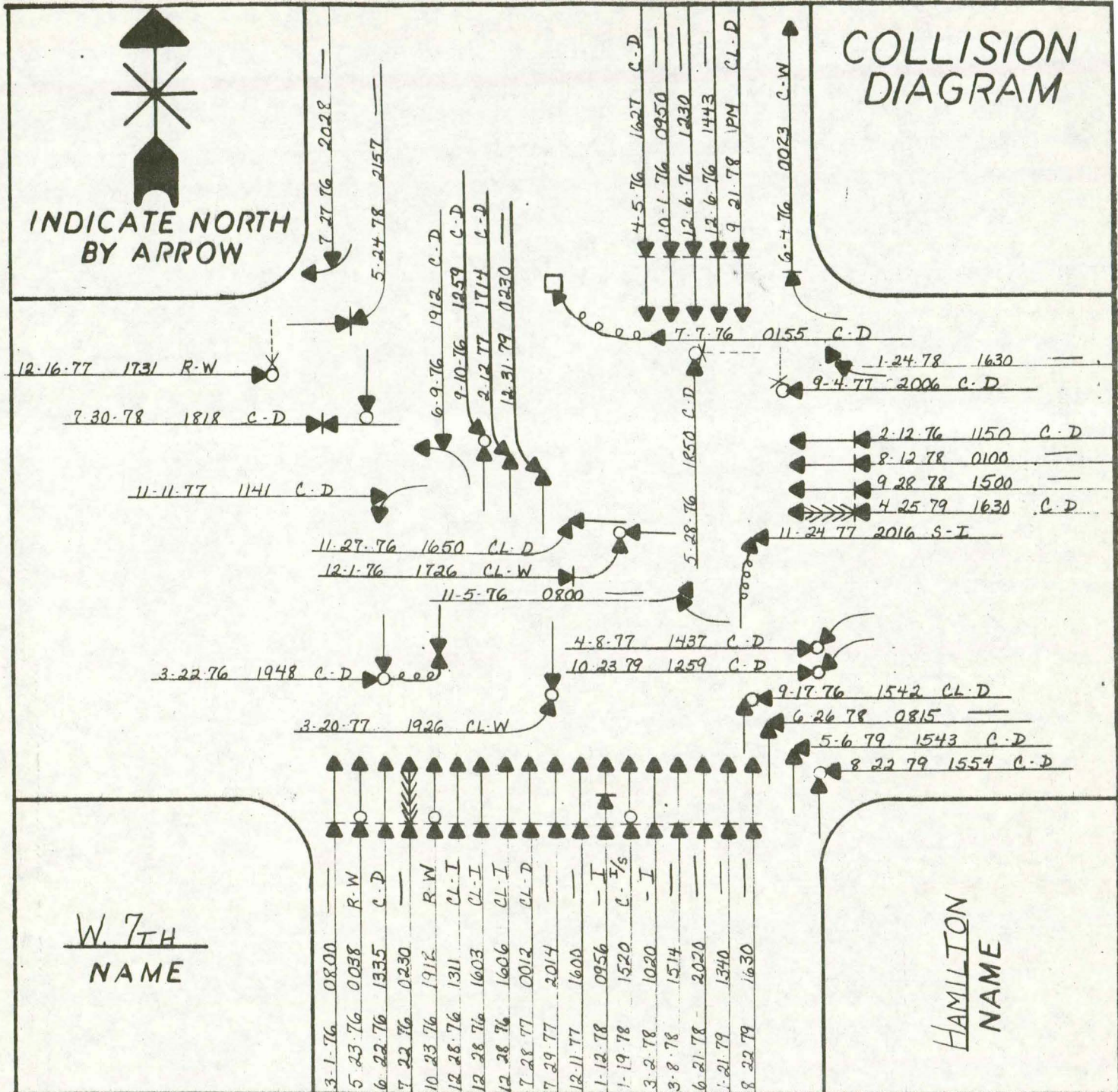
| <u>Time of Year</u>   | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|-----------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb.) | 21                         | North ( Southbound )         | 34                        |
| Spring ( March - May) | 19                         | South ( Northbound )         | 50                        |
| Summer ( June - Aug.) | 19                         | East ( Westbound )           | 36                        |
| Fall ( Sept. - Nov.)  | <u>16</u>                  | West ( Eastbound )           | <u>30</u>                 |
| Totals                | 75                         | Totals                       | 150                       |

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 31                         | 1976                   | 3.5            |
| Icy                       | 6                          | 1977                   | 2              |
| Wet                       | <u>6</u>                   | 1978                   | 3.1            |
| Totals                    | 43                         | 1979                   | <u>3.8</u>     |
|                           |                            | 4 year Average         | 3.1            |

# COLLISION DIAGRAM

INDICATE NORTH  
BY ARROW



W. 7TH  
NAME

HAMILTON  
NAME

- SYMBOLS -

|  |                  |
|--|------------------|
|  | MOVING VEHICLE   |
|  | BACKING VEHICLE  |
|  | NON-INV. VEHICLE |
|  | PEDESTRIAN       |
|  | PARKED VEHICLE   |
|  | FIXED OBJECT     |
|  | FATAL ACCIDENT   |
|  | INJURY ACCIDENT  |

TYPE OF COLLISION

|  |                |
|--|----------------|
|  | REAR END       |
|  | HEAD ON        |
|  | SIDE SWIPE     |
|  | OUT OF CONTROL |
|  | LEFT TURN      |
|  | RIGHT ANGLE    |

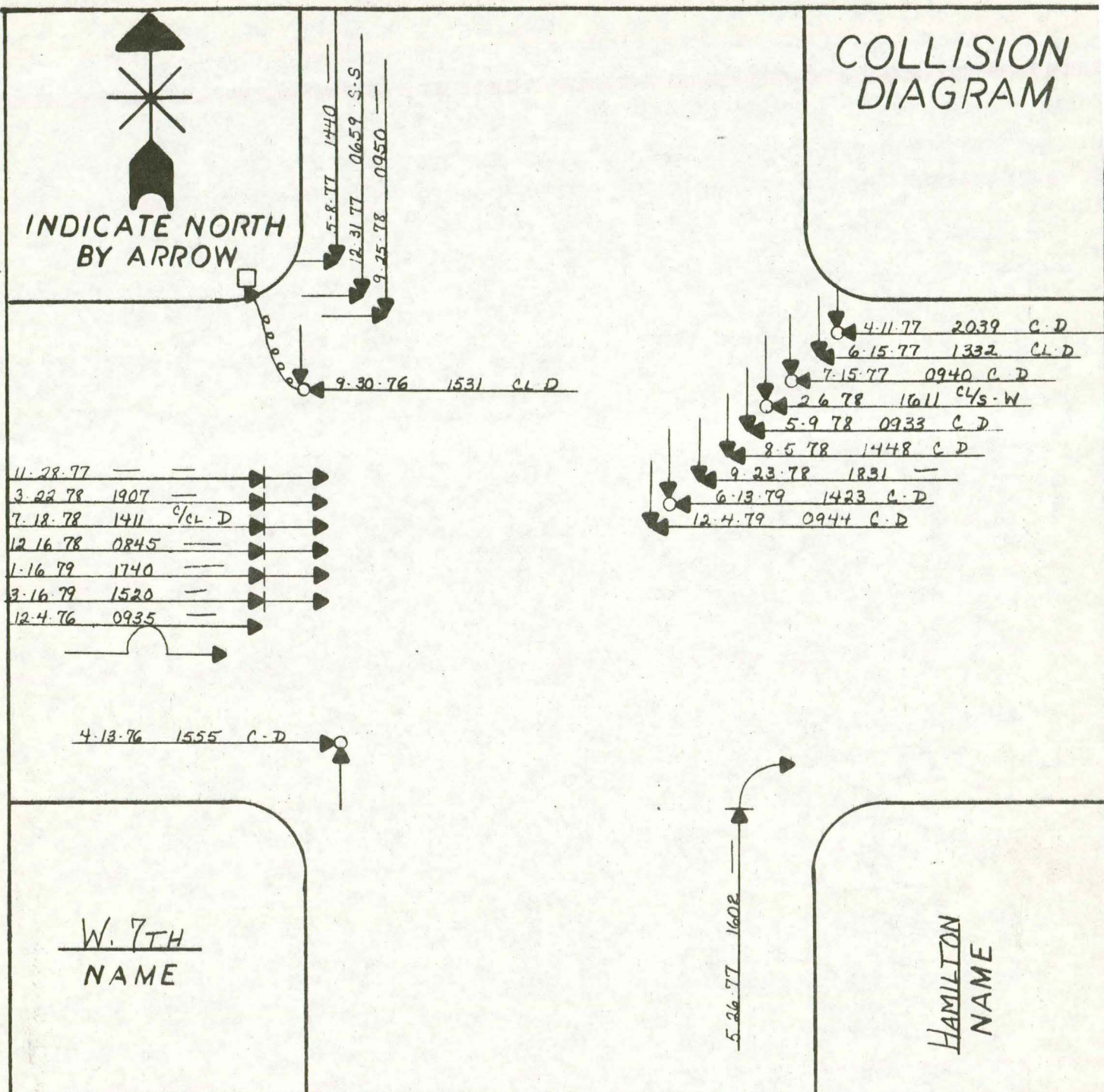
WEATHER ROAD CONDITIONS

|            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION W. 7TH AND HAMILTON BLVD.  
 PERIOD 4 YEARS : FROM 1976 TO 1979

# COLLISION DIAGRAM

INDICATE NORTH BY ARROW



- 11-28-77 — —
- 3-22-78 1907 —
- 7-18-78 1411 C/CL-D
- 12-16-78 0845 —
- 1-16-79 1740 —
- 3-16-79 1520 —
- 12-4-76 0935 —

- 4-11-77 2039 C-D
- 6-15-77 1332 CL-D
- 7-15-77 0940 C-D
- 2-6-78 1611 C/S-W
- 5-9-78 0933 C-D
- 8-5-78 1448 C-D
- 9-23-78 1831 —
- 6-13-79 1423 C-D
- 12-4-79 0944 C-D

4-13-76 1555 C-D

W. 7TH  
NAME

5-26-77 1602

HAMILTON  
NAME

| - SYMBOLS -   | TYPE OF COLLISION   | WEATHER ROAD CONDITIONS  |
|---|---|--|
| <ul style="list-style-type: none"> <li>← MOVING VEHICLE</li> <li>←←← BACKING VEHICLE</li> <li>←- - - NON-INV. VEHICLE</li> <li>X - - - PEDESTRIAN</li> <li>▣ PARKED VEHICLE</li> <li>□ FIXED OBJECT</li> <li>● FATAL ACCIDENT</li> <li>○ INJURY ACCIDENT</li> </ul> | <ul style="list-style-type: none"> <li>←←← REAR END</li> <li>←→ HEAD ON</li> <li>←↘ SIDE SWIPE</li> <li>←~~~~ OUT OF CONTROL</li> <li>←↙ LEFT TURN</li> <li>↑↘ RIGHT ANGLE</li> </ul> | <ul style="list-style-type: none"> <li>C-CLEAR</li> <li>CL-CLOUDY</li> <li>R-RAIN</li> <li>S-SNOW</li> <li>SL-SLEET</li> <li>F-FOG</li> <li>M-MIST</li> <li>W-HIGHWIND</li> <li>D-DRY</li> <li>W-WET</li> <li>S-SNOW</li> <li>I-ICE</li> <li>SL-SLUSH</li> <li>M-MUD</li> <li>O-OTHER (SPECIFY)</li> </ul> |

INTERSECTION W. 7TH AND HAMILTON BLVD.  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

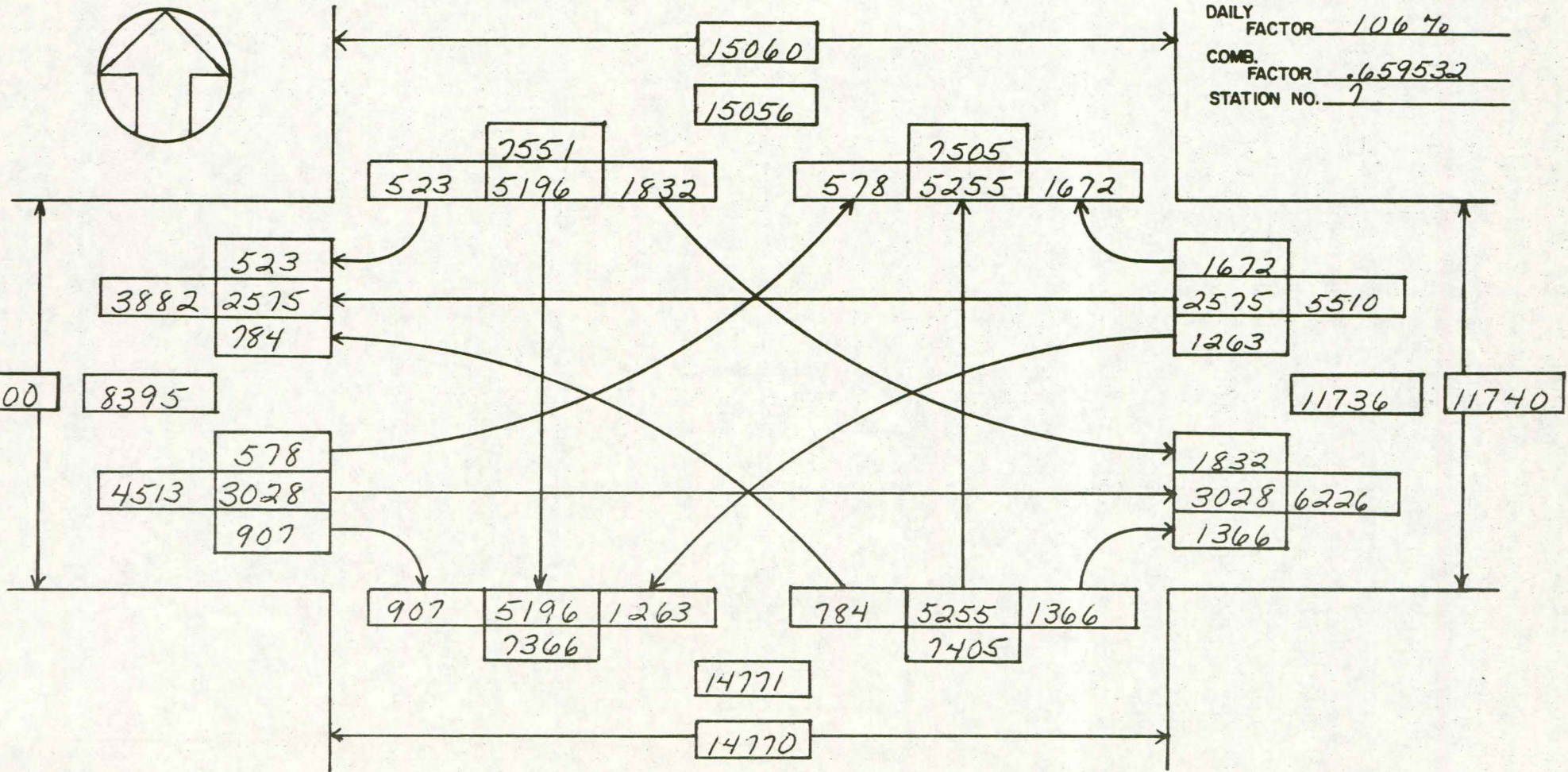
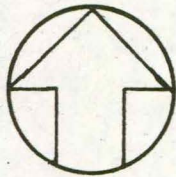
FLOW DIAGRAM

INTERSECTION W. 7th + Hamilton Blvd

DATE 6-28-79 DAY Thursday WEATHER clear

HOURS COUNTED 7-12am; 1-6pm HOURS SHOWN 24 Hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 61%  
 MONTHLY FACTOR 102%  
 DAILY FACTOR 106%  
 COMB. FACTOR .659532  
 STATION NO. 7



## 6. 6th & Hoeven Streets

### Ranking

|                    |      |      |
|--------------------|------|------|
| Hazard Index       | 477  | (6)  |
| Accident Rate      | 2.35 | (19) |
| Accident Frequency | 54   | (17) |
| Severity Rate      | 3.3  | (26) |

### Analysis

The speed limit on 6th Street at Hoeven Drive is 35 m.p.h. There is a speeding problem on 6th Street which was identified with the previous High Hazard Study. The Police Department has continued to enforce the speed limit on a regular basis since requested during the last study.

Another problem identified in the previous study was a need for an all red clearance interval. This capability is not available in the present intersection controller. A new two phase controller is included in the Master Control System which should be installed during the summer of 1981 and an all red clearance interval will be added at that time.

No other engineering improvements are planned.

## Accident Summary

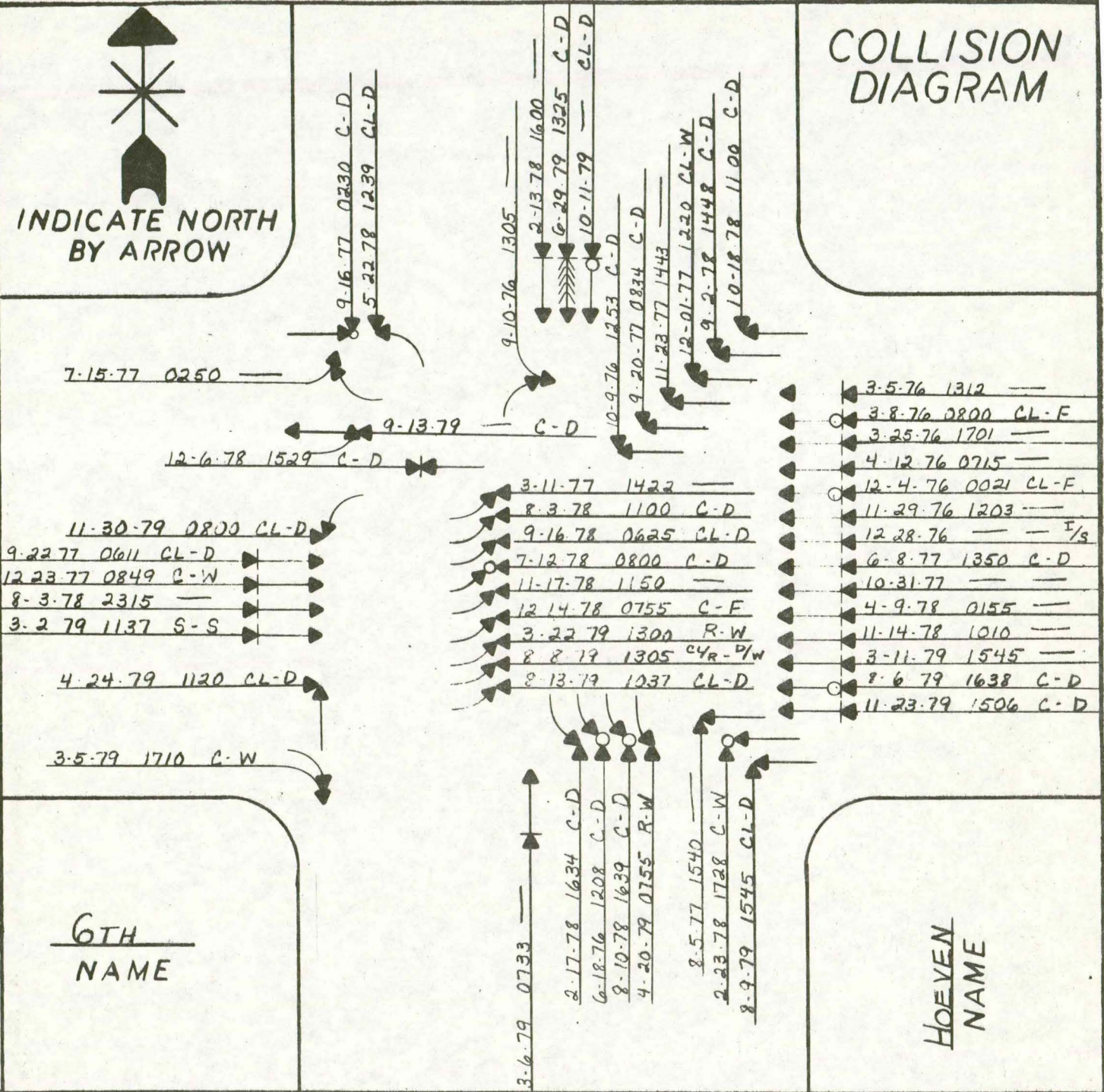
6TH & HOEVEN

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">11</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">18</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">16</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>2</u></td> </tr> <tr> <td style="text-align: center;">Totals</td> <td style="text-align: center;">50</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 11 | 10:00 a.m. - 2:00 p.m. | 18 | 2:00 p.m. - 6:00 p.m. | 16       | 6:00 p.m. - 10:00 p.m. | 0         | 10:00 p.m. - 2:00 a.m.   | 3                      | 2:00 a.m. - 6:00 a.m.   | <u>2</u>                     | Totals                    | 50                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">23</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">11</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">16</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>4</u></td> </tr> <tr> <td style="text-align: center;">Totals</td> <td style="text-align: center;">54</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0          | Rear End           | 23        | Right Angle | 11  | Left Turn | 16 | Pedestrian | 0 | Other | <u>4</u> | Totals | 54 |
|--|----------------------------|----------------------------|------------------------|----|------------------------|----|-----------------------|----------|------------------------|-----------|--|------------------------|---|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|------------|--------------------|-----------|-------------|-----|-----------|----|------------|---|-------|----------|--------|----|
| <u>Time of Day</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| 6:00 a.m. - 10:00 a.m.   | 11                         |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| 10:00 a.m. - 2:00 p.m.   | 18                         |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| 2:00 p.m. - 6:00 p.m.  | 16                         |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| 6:00 p.m. - 10:00 p.m.   | 0                          |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| 10:00 p.m. - 2:00 a.m.   | 3                          |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| 2:00 a.m. - 6:00 a.m.  | <u>2</u>                   |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| Totals   | 50                         |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| <u>Accidents Type</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| Sideswipe  | 0                          |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| Rear End   | 23                         |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| Right Angle  | 11                         |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| Left Turn  | 16                         |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| Pedestrian   | 0                          |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| Other  | <u>4</u>                   |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| Totals   | 54                         |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
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| <u>Time of Year</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| Winter ( Dec. - Feb.)  | 9                          |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| Spring ( March - May)  | 15                         |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| Summer ( June - Aug.)  | 13                         |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| Fall ( Sept. - Nov.)   | <u>17</u>                  |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| Totals   | 54                         |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| <u>Direction of Approach</u>   | <u>Number of Vehicles</u>  |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| North ( Southbound )   | 19                         |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| South ( Northbound )   | 14                         |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| East ( Westbound )   | 52                         |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| West ( Eastbound )   | <u>23</u>                  |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| Totals   | 108                        |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
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| <u>Pavement Condition</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| Dry  | 21                         |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| Icy  | 1                          |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| Wet  | <u>8</u>                   |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| Totals   | 30                         |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| <u>Injury Severity</u>   | <u>Average</u>             |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| 1976   | 3.8                        |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| 1977   | 2.5                        |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| 1978   | 3.2                        |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| 1979   | <u>3.5</u>                 |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |
| 4 year Average   | 3.3                        |                            |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |           |             |     |           |    |            |   |       |          |        |    |



# COLLISION DIAGRAM

INDICATE NORTH  
BY ARROW



- SYMBOLS -

- ← MOVING VEHICLE
- ←→ BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ☐ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←→ REAR END
- ←→ HEAD ON
- ←→ SIDE SWIPE
- ←→ OUT OF CONTROL
- ←→ LEFT TURN
- ←→ RIGHT ANGLE

WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION 6TH AND HOEVEN  
 PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 6th + Hoeven Sts.

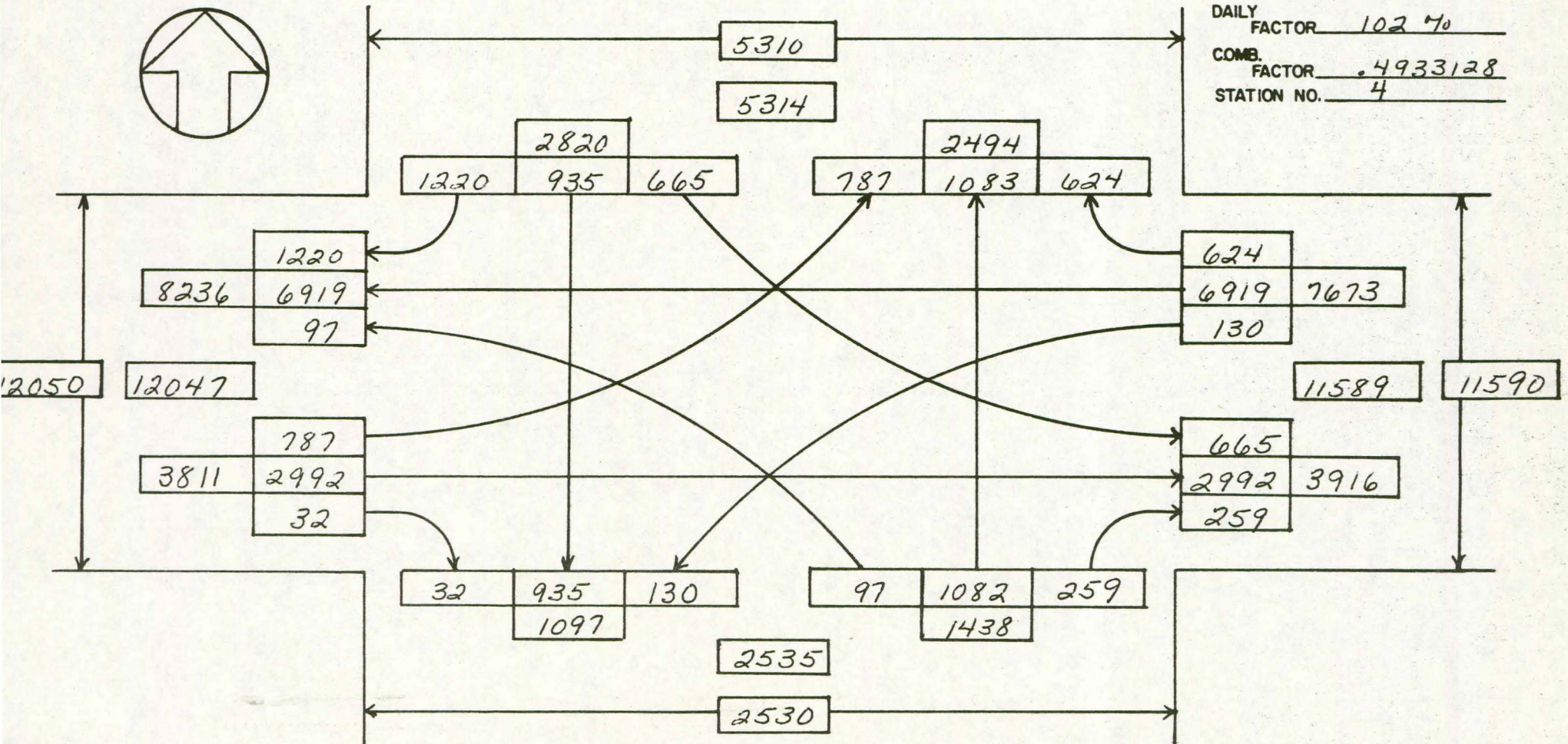
DATE 6-4-80

DAY Wednesday WEATHER overcast - rain PM

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 Hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 45.2%  
 MONTHLY FACTOR 107%  
 DAILY FACTOR 102%  
 COMB. FACTOR .4933128  
 STATION NO. 4



7. Gordon Dr. & So. Westcott Street

Ranking

|                    |      |      |
|--------------------|------|------|
| Hazard Index       | 470  | (7)  |
| Accident Rate      | 3.09 | (8)  |
| Accident Frequency | 72   | (8)  |
| Severity Rate      | 3.6  | (72) |

Analysis

One of the major causes of accidents at this intersection is the vehicles stopping to wait for a gap to turn left and being rear ended by vehicles on Gordon Dr. The other major cause of accidents is vehicles trying to get out onto Gordon Dr. and not having an adequate gap.

A major construction project with left turn bays would be needed to correct part of this accident problem. This project would be very expensive because of right-of-way problems.

As an alternative to this construction, the Traffic Engineering Division is going to propose to the City Council that the median opening on Gordon Dr. at So. Westcott be closed. Alternative routes would be available using adjacent intersections for turns. We anticipate this proposed closing will be very controversial because of the businesses that would be effected.

Gordon Dr. and Linn Street, the next intersection east, also has similar problems and is also included in the High Hazard Study. This intersection will be proposed for closing at the same time as Gordon Dr. and So. Westcott.

## Accident Summary

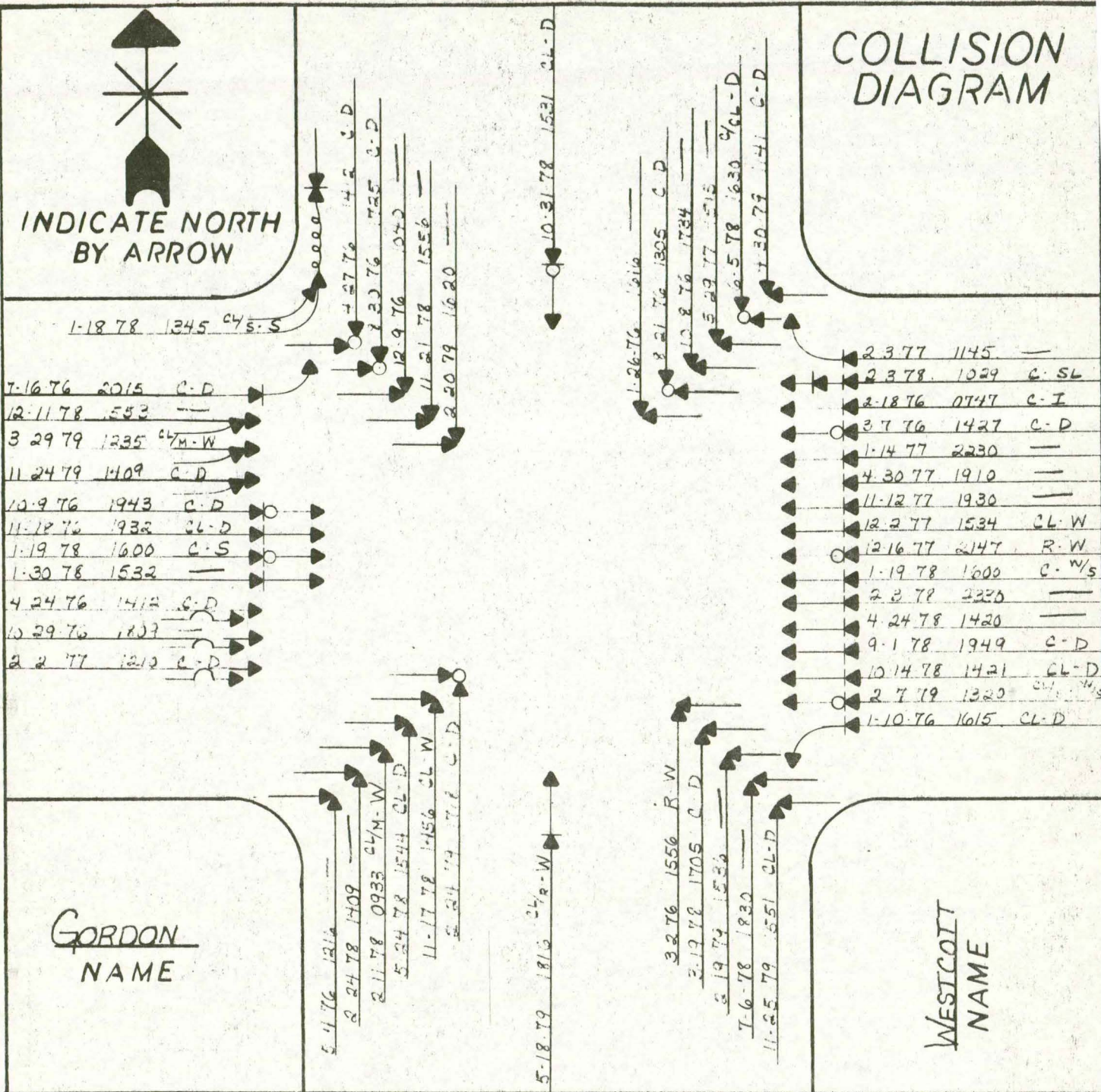
GORDON & WESTCOTT

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|---|----------------------------|----------------------------|------------------------|----|------------------------|----|------------------------|-----------|------------------------|-----------|--|------------------------|--|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|----------|--------------------|-----------|---------------|-----|-----------|----|------------|---|-------|-----------|---------------|----|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| 6:00 a.m. - 10:00 a.m.  | 5                          |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| 10:00 a.m. - 2:00 p.m.  | 18                         |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| 2:00 p.m. - 6:00 p.m.   | 35                         |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| 6:00 p.m. - 10:00 p.m.  | 11                         |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| 10:00 p.m. - 2:00 a.m.  | 2                          |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| 2:00 a.m. - 6:00 a.m.   | <u>0</u>                   |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| <b>Totals</b>   | 71                         |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
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| Sideswipe   | 4                          |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| Rear End  | 22                         |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| Right Angle   | 22                         |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| Left Turn   | 14                         |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| Pedestrian  | 0                          |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| Other   | <u>10</u>                  |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| <b>Totals</b>   | 72                         |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
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| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| Winter ( Dec. - Feb. )  | 29                         |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| Spring ( March - May )  | 21                         |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| Summer ( June - Aug. )  | 7                          |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| Fall ( Sept. - Nov. )   | <u>15</u>                  |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| <b>Totals</b>   | 72                         |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| North ( Southbound )  | 17                         |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| South ( Northbound )  | 16                         |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| East ( Westbound )  | 62                         |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| West ( Eastbound )  | <u>52</u>                  |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| <b>Totals</b>   | 147                        |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">31</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>12</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">44</td> </tr> </tbody> </table>  | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 31 | Icy                    | 1  | Wet                    | <u>12</u> | <b>Totals</b>          | 44        | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">3.4</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">3.7</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">3.4</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>4</u></td> </tr> <tr> <td style="text-align: center;">4 year Average</td> <td style="text-align: center;">3.6</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>   | 1976                         | 3.4                       | 1977                 | 3.7   | 1978                  | 3.4                        | 1979               | <u>4</u> | 4 year Average     | 3.6       |               |     |           |    |            |   |       |           |               |    |
| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| Dry   | 31                         |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| Icy   | 1                          |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| Wet   | <u>12</u>                  |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| <b>Totals</b>   | 44                         |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| 1976  | 3.4                        |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| 1977  | 3.7                        |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| 1978  | 3.4                        |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| 1979  | <u>4</u>                   |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |
| 4 year Average  | 3.6                        |                            |                        |    |                        |    |                        |           |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |     |           |    |            |   |       |           |               |    |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM



- SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- NON-INV. VEHICLE
- X --- PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←→ REAR END
- ←→ HEAD ON
- ←→ SIDE SWIPE
- ←→ OUT OF CONTROL
- ←→ LEFT TURN
- ←→ RIGHT ANGLE

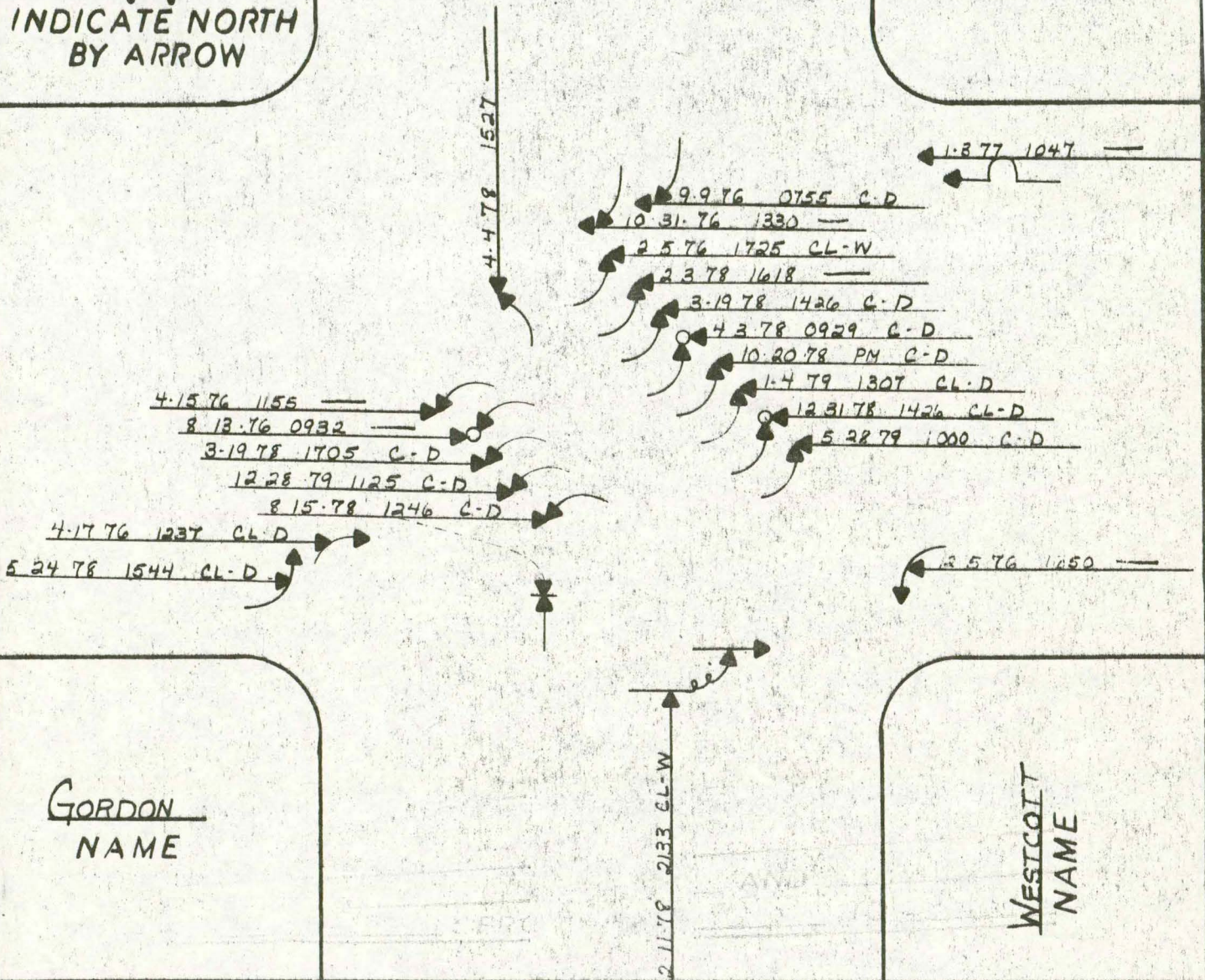
WEATHER ROAD  
CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION GORDON DR AND So WESTCOTT  
 PERIOD 4 YEARS : FROM 1976 TO 1979

# COLLISION DIAGRAM

INDICATE NORTH  
BY ARROW



GORDON  
NAME

WESTCOTT  
NAME

- SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
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- ←←←← REAR END
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WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
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- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION GORDON DR AND So. WESTCOTT  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION Gordon Dr. & Westcott

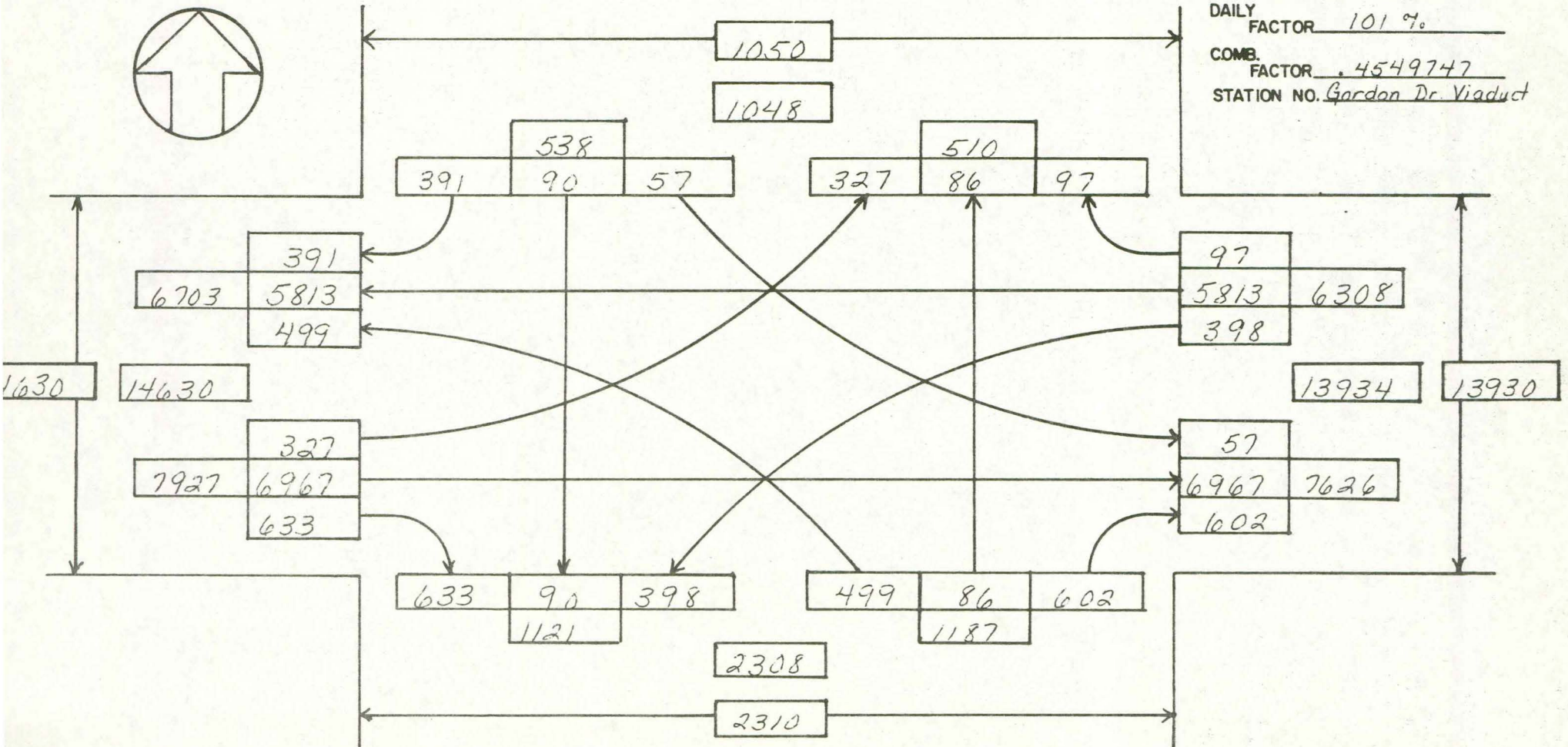
DATE 6-19-80

DAY Thursday WEATHER cloudy

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 42.1%  
 MONTHLY FACTOR 107%  
 DAILY FACTOR 101%  
 COMB. FACTOR .4549747  
 STATION NO. Gordon Dr. Viaduct



8. 6th St. and Lewis Blvd.

Ranking

|                    |      |      |
|--------------------|------|------|
| Hazard Index       | 468  | (8)  |
| Accident Rate      | 2.18 | (24) |
| Accident Frequency | 92   | (1)  |
| Severity Rate      | 3.5  | (50) |

Analysis

This intersection has some of the highest traffic volumes of any intersection in Sioux City. The two main accident types at this intersection result from the delay caused by the long signal cycles needed to handle the heavy traffic volumes. The rear end accidents are mainly caused by vehicles hitting other vehicles waiting at a red light. This is a typical signalized intersection accident and this type of accident will increase with greater traffic volumes. The right angle accidents are partially caused by vehicles running yellow and red lights to avoid waiting through the long signal cycle for the next green light.

We changed the four phase controller at this intersection to an eight phase controller during the summer of 1980. This change had reduced the amount of delay and should reduce the accidents.

This intersection is included in the Master Control System presently under construction. When completed, there will be the capability of signal progression on Lewis Blvd. This should reduce the number of rear end accidents at 6th and Lewis.

No other engineering improvements are planned.



## Accident Summary

6TH & LEWIS

| <u>Time of Day</u>     | <u>Number of<br/>Accidents</u> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| 6:00 a.m. - 10:00 a.m. | 16                             | Sideswipe             | 0                              |
| 10:00 a.m. - 2:00 p.m. | 14                             | Rear End              | 59                             |
| 2:00 p.m. - 6:00 p.m.  | 34                             | Right Angle           | 15                             |
| 6:00 p.m. - 10:00 p.m. | 15                             | Left Turn             | 7                              |
| 10:00 p.m. - 2:00 a.m. | 7                              | Pedestrian            | 0                              |
| 2:00 a.m. - 6:00 a.m.  | <u>4</u>                       | Other                 | <u>11</u>                      |
| Totals                 | 90                             | Totals                | 92                             |

| <u>Time of Year</u>    | <u>Number of<br/>Accidents</u> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> |
|------------------------|--------------------------------|------------------------------|-------------------------------|
| Winter ( Dec. - Feb. ) | 29                             | North ( Southbound )         | 74                            |
| Spring ( March - May ) | 21                             | South ( Northbound )         | 34                            |
| Summer ( June - Aug. ) | 17                             | East ( Westbound )           | 61                            |
| Fall ( Sept. - Nov. )  | <u>25</u>                      | West ( Eastbound )           | <u>16</u>                     |
| Totals                 | 92                             | Totals                       | 185                           |

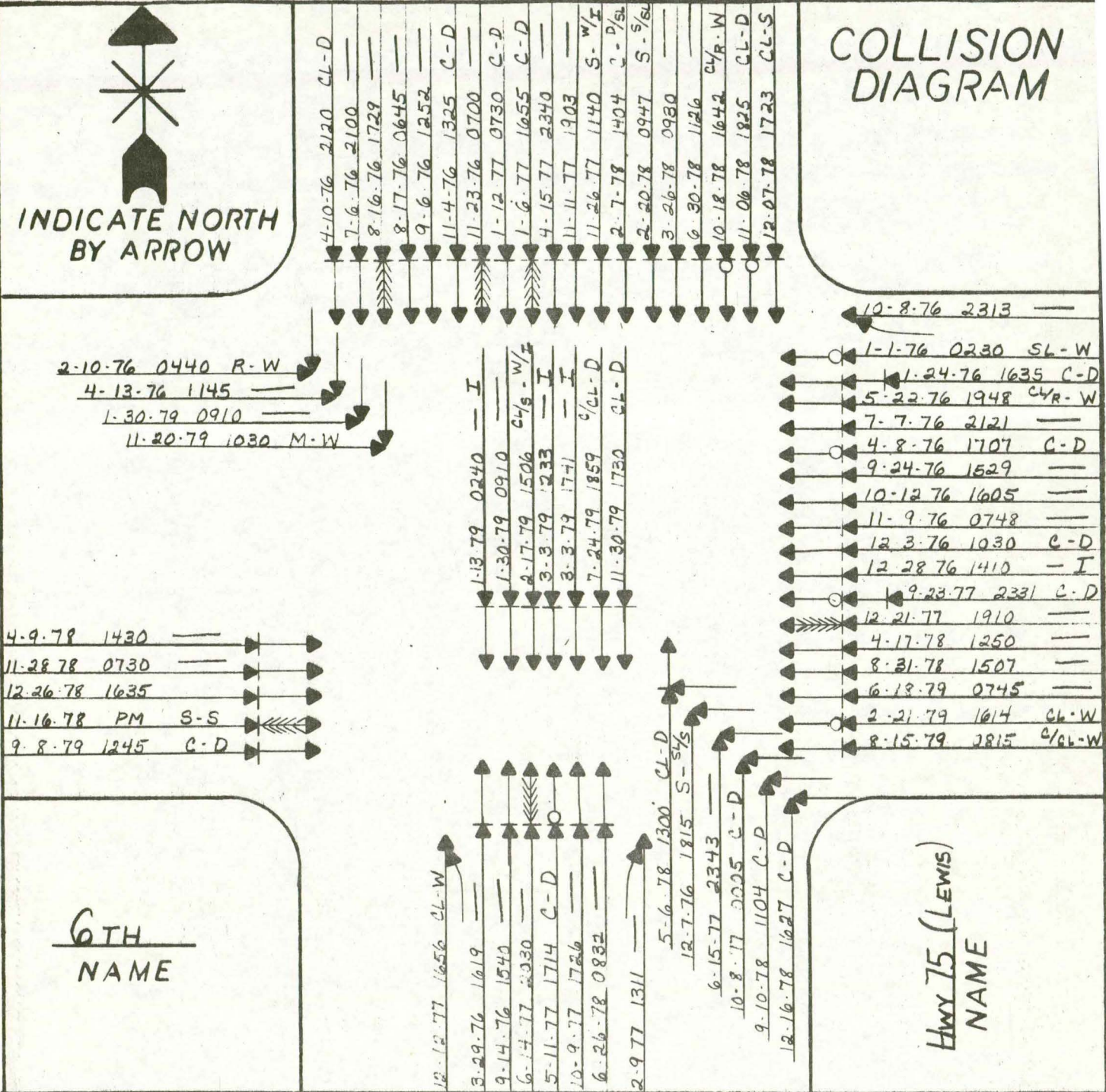
  

| <u>Pavement Condition</u> | <u>Number of<br/>Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|--------------------------------|------------------------|----------------|
| Dry                       | 30                             | 1976                   | 3.1            |
| Icy                       | 8                              | 1977                   | 3.5            |
| Wet                       | <u>16</u>                      | 1978                   | 3.4            |
| Totals                    | 54                             | 1979                   | <u>4</u>       |
|                           |                                | 4 year Average         | 3.5            |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM



- SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←↗ OUT OF CONTROL
- ←↙ LEFT TURN
- ←↘ RIGHT ANGLE

WEATHER ROAD  
CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 6TH AND Hwy. 75 (LEWIS)  
 PERIOD 4 YEARS : FROM 1976 TO 1979

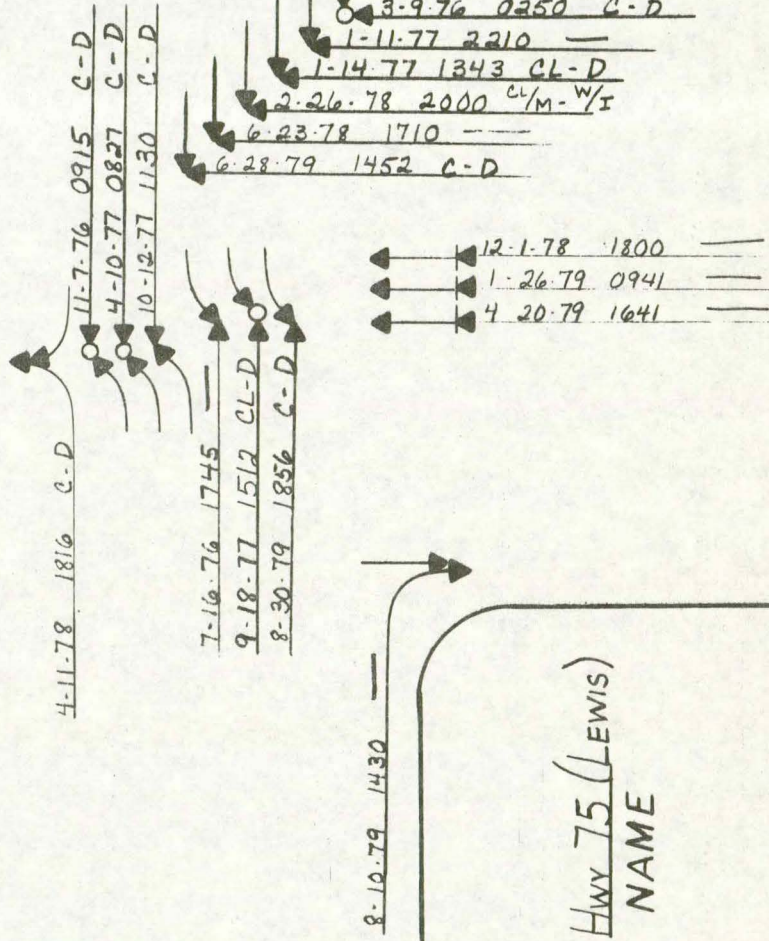
# COLLISION DIAGRAM

INDICATE NORTH BY ARROW



5-1-76 2210  
4-13-77 1701 C-D

10-29-76 1520  
1-16-78 1445 C-D



6TH  
NAME

Hwy 75 (LEWIS)  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ← X ← REAR END
- ← X → HEAD ON
- ← V → SIDE SWIPE
- ← eee → OUT OF CONTROL
- ← ↘ LEFT TURN
- ↑ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION 6TH AND Hwy. 75 (LEWIS)  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 6th + LEWIS (Hwy 75)

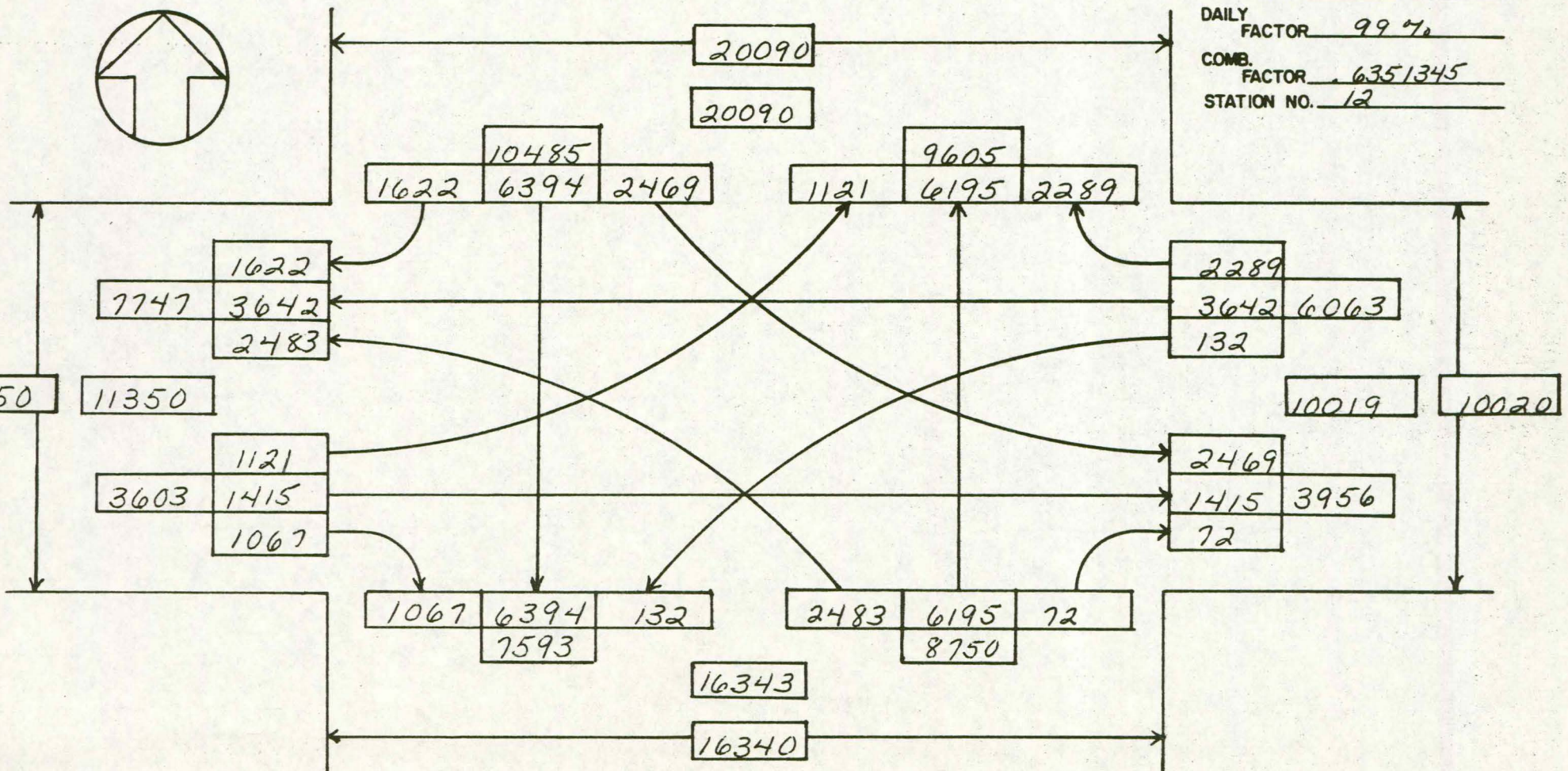
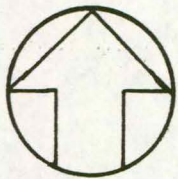
DATE 7-23-79

DAY Monday WEATHER clear

HOURS COUNTED 7:12am; 1:6pm

HOURS SHOWN 24 Hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 61.1%  
 MONTHLY FACTOR 105%  
 DAILY FACTOR 99%  
 COMB. FACTOR .6351345  
 STATION NO. 12



9. 19th & Floyd Blvd.

Ranking

|                    |      |      |
|--------------------|------|------|
| Hazard Index       | 466  | (9)  |
| Accident Rate      | 3.43 | (4)  |
| Accident Frequency | 57   | (14) |
| Severity Rate      | 3.6  | (72) |

Analysis

A two phase full actuated traffic signal was installed by the City at this intersection. Since the signal was turned on July 27, 1979, there have been seven (7) accidents at this location. This is not a long enough period to conduct a before and after study but these preliminary figures show there should be a significant accident reduction as a result of this improvement.

No other engineering improvements are planned.

## Accident Summary

19TH & FLOYD

1977

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 12                         | Sideswipe             | 1                          |
| 10:00 a.m. - 2:00 p.m. | 6                          | Rear End              | 13                         |
| 2:00 p.m. - 6:00 p.m.  | 16                         | Right Angle           | 25                         |
| 6:00 p.m. - 10:00 p.m. | 20                         | Left Turn             | 2                          |
| 10:00 p.m. - 2:00 a.m. | 3                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   | Other                 | <u>16</u>                  |
| <b>Totals</b>          | 57                         | <b>Totals</b>         | 57                         |

| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 12                         | North ( Southbound )         | 48                        |
| Spring ( March - May ) | 21                         | South ( Northbound )         | 25                        |
| Summer ( June - Aug. ) | 11                         | East ( Westbound )           | 34                        |
| Fall ( Sept. - Nov. )  | <u>13</u>                  | West ( Eastbound )           | <u>8</u>                  |
| <b>Totals</b>          | 57                         | <b>Totals</b>                | 115                       |

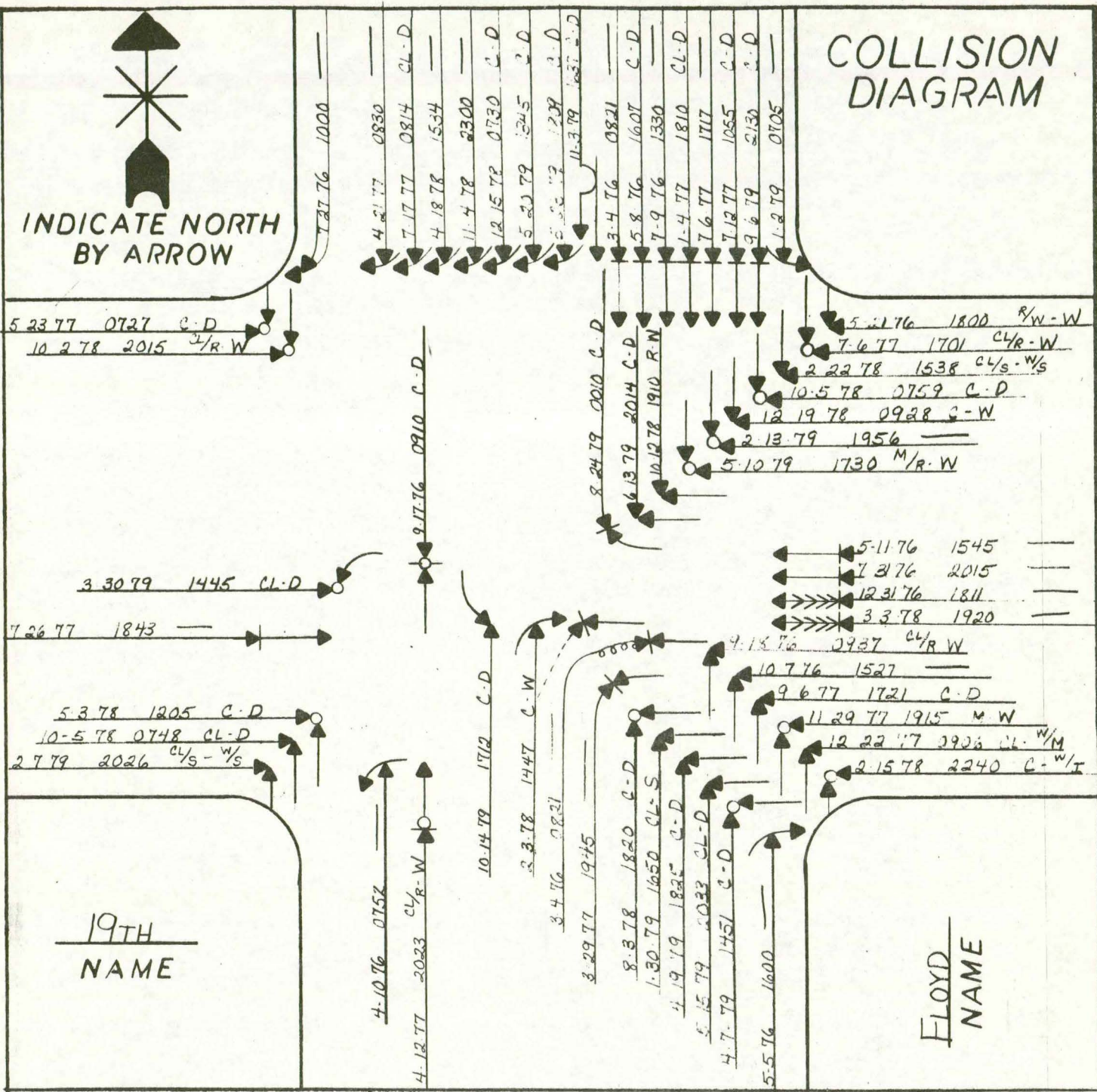
  

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 23                         | 1976                   | 4              |
| Icy                       | 1                          | 1977                   | 3.8            |
| Wet                       | <u>15</u>                  | 1978                   | 3.3            |
| <b>Totals</b>             | 39                         | 1979                   | <u>3.3</u>     |
|                           |                            | <b>4 year Average</b>  | 3.6            |

# COLLISION DIAGRAM



INDICATE NORTH  
BY ARROW



- SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ← X → REAR END
- ← X → HEAD ON
- ← V → SIDE SWIPE
- ← eee → OUT OF CONTROL
- ← T → LEFT TURN
- ← → RIGHT ANGLE

WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION 19TH AND FLOYD  
 PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

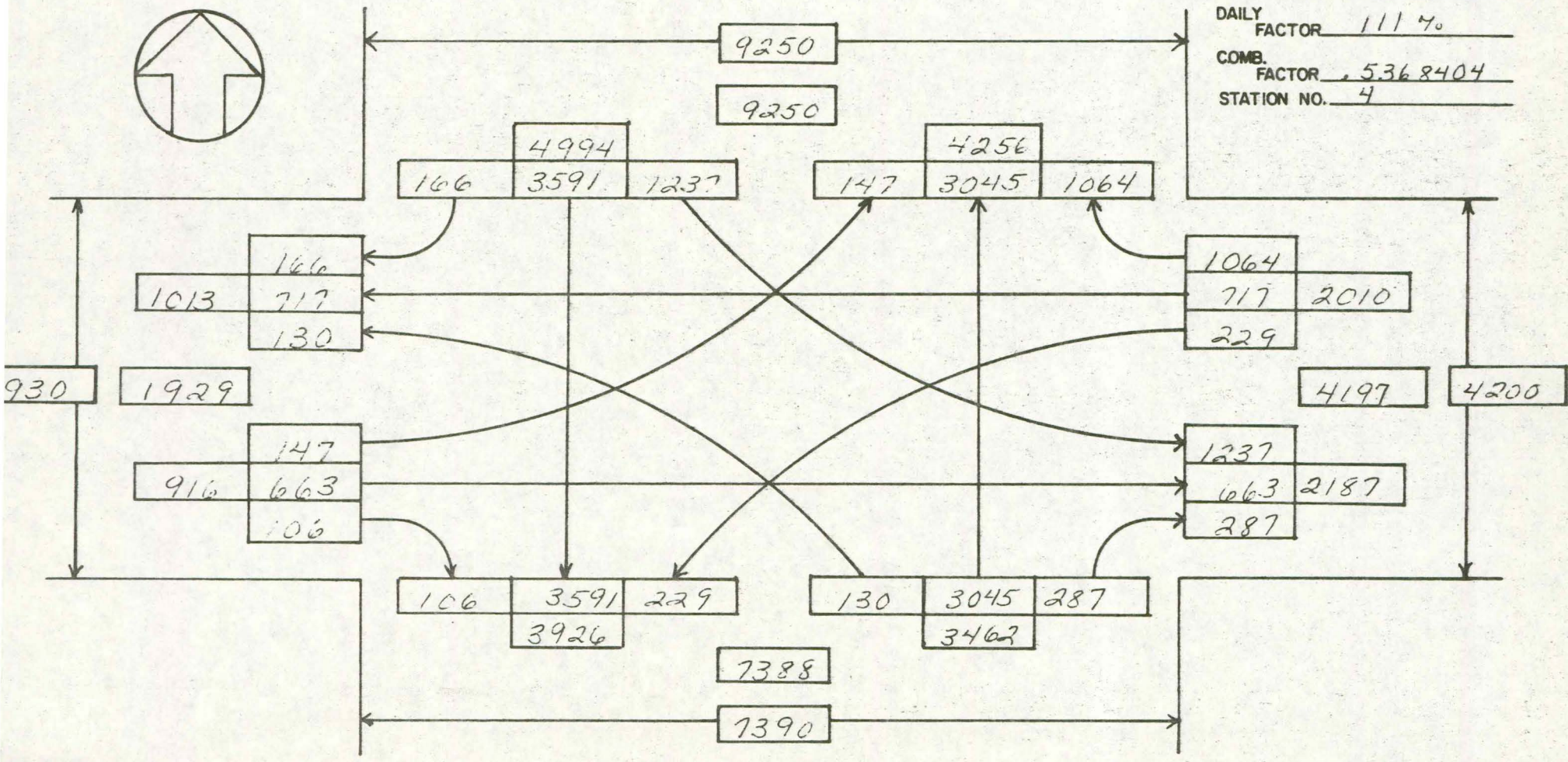
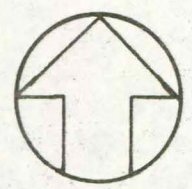
FLOW DIAGRAM

INTERSECTION 19th St + Floyd Blvd.

DATE 6-13-80 DAY Friday WEATHER cloudy

HOURS COUNTED 7-11am; 3-6pm HOURS SHOWN 24 hrs. factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 45.2%  
 MONTHLY FACTOR 107%  
 DAILY FACTOR 111%  
 COMB. FACTOR .5368404  
 STATION NO. 4





## 10. 14th & Douglas Streets

### Ranking

|                    |      |      |
|--------------------|------|------|
| Hazard Index       | 452  | (10) |
| Accident Rate      | 2.55 | (13) |
| Accident Frequency | 45   | (29) |
| Severity Rate      | 3.4  | (37) |

### Analysis

There are several different things that contribute to the accident problem at this intersection. They are: (1) Signal progression on 14th St. is for eastbound traffic. This is the first signal in the progressive system with a four way stop one block west at Grandview Blvd. (2) The signal progression westbound allows about the first three vehicles from the last signal at Pierce Street to have a green signal at Douglas. The remaining westbound through vehicles would have to stop at Douglas Street. (3) Douglas Street is a one way northbound street. This is the first signal for several blocks after leaving the downtown area. Drivers have a tendency to drive over the speed limit and usually have to stop at 14th Street because the signal progression is set near the speed limit. (4) There are eight inch signal faces on the far left and far right corners of the intersection for each approach.

The first three of the above items force a large percentage of the drivers to stop at 14th and Douglas Streets. This large number of stopping vehicles and the eight inch signal faces contribute to the potential for accidents.

The City has several plans in progress that will help the accident situation at this intersection. We are going to propose a one way pair of streets between Jones and Grandview with 14th Street one way westbound and 13th Street eastbound. This will provide for westbound progression with a majority of the vehicles not stopping at Douglas Street. Even if the one way pair is not approved, better signal progression will be possible with the Master Control System now under construction. We will have the ability to change timing plans to fit the traffic patterns at various time of the day instead of the same progression at all times. We will also upgrade this intersection to twelve inch signal faces for better visibility.

## Accident Summary

14th & Douglas

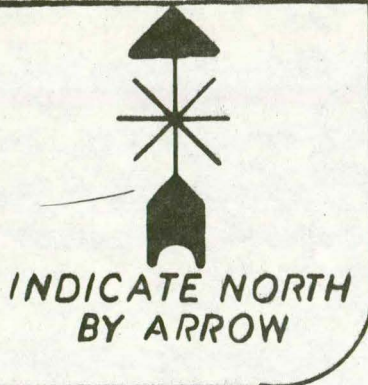
| <u>Time of Day</u>     | <u>Number of<br/>Accidents</u> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| 6:00 a.m. - 10:00 a.m. | 4                              | Sideswipe             | 1                              |
| 10:00 a.m. - 2:00 p.m. | 5                              | Rear End              | 3                              |
| 2:00 p.m. - 6:00 p.m.  | 23                             | Right Angle           | 32                             |
| 6:00 p.m. - 10:00 p.m. | 7                              | Left Turn             | 0                              |
| 10:00 p.m. - 2:00 a.m. | 3                              | Pedestrian            | 0                              |
| 2:00 a.m. - 6:00 a.m.  | <u>3</u>                       | Other                 | <u>9</u>                       |
| <b>Totals</b>          | <b>45</b>                      | <b>Totals</b>         | <b>45</b>                      |

| <u>Time of Year</u>   | <u>Number of<br/>Accidents</u> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> |
|-----------------------|--------------------------------|------------------------------|-------------------------------|
| Winter ( Dec. - Feb.) | 10                             | North ( Southbound )         | 0                             |
| Spring ( March - May) | 17                             | South ( Northbound )         | 58                            |
| Summer ( June - Aug.) | 8                              | East ( Westbound )           | 16                            |
| Fall ( Sept. - Nov.)  | <u>10</u>                      | West ( Eastbound )           | <u>17</u>                     |
| <b>Totals</b>         | <b>45</b>                      | <b>Totals</b>                | <b>91</b>                     |

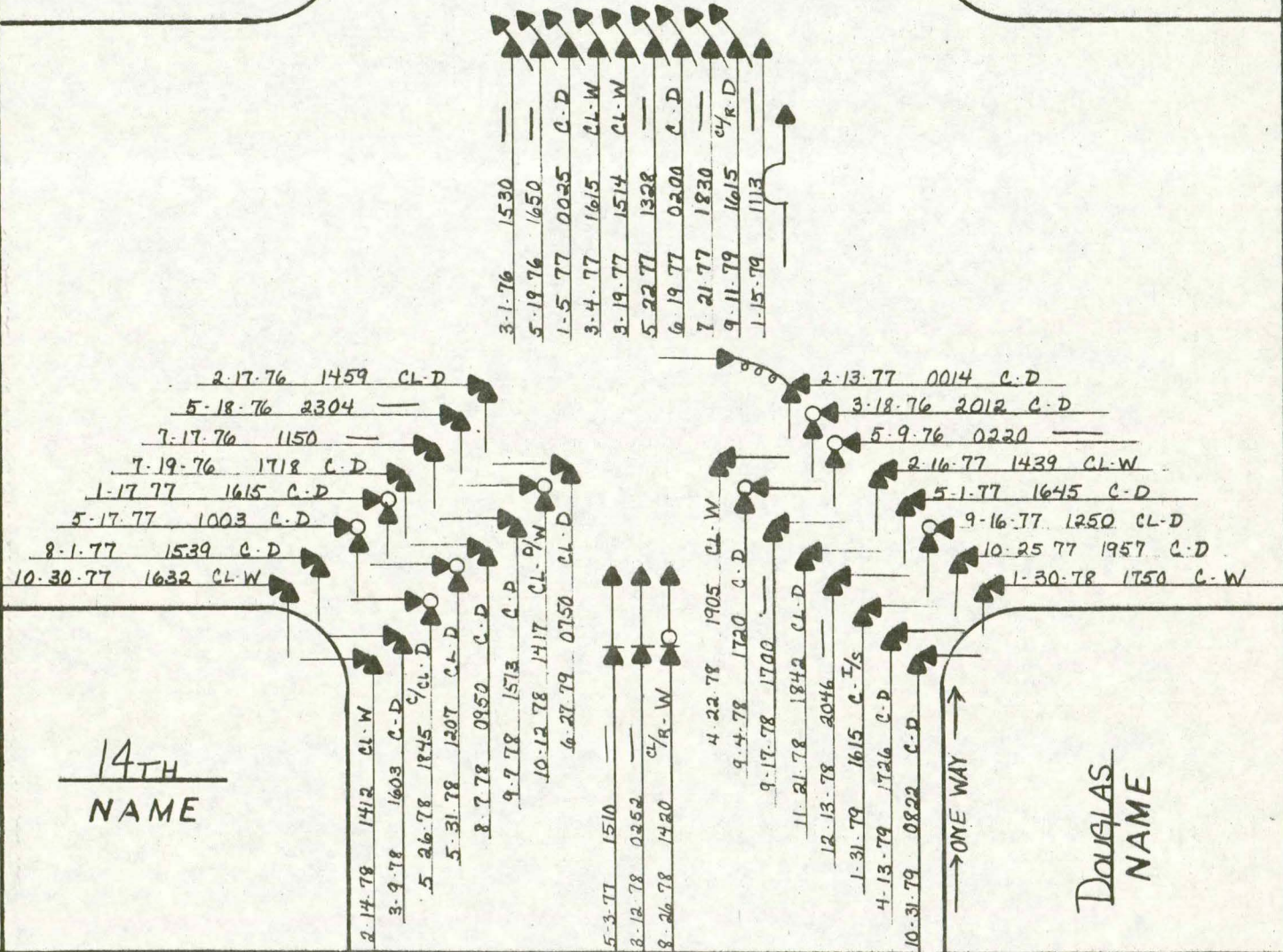
  

| <u>Pavement Condition</u> | <u>Number of<br/>Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|--------------------------------|------------------------|----------------|
| Dry                       | 24                             | 1976                   | 4              |
| Icy                       | 1                              | 1977                   | 3.2            |
| Wet                       | <u>9</u>                       | 1978                   | 3              |
| <b>Totals</b>             | <b>34</b>                      | 1979                   | <u>0</u>       |
|                           |                                | 4 year Average         | 3.4            |



COLLISION  
DIAGRAM

ONE WAY



| - SYMBOLS - |                  | TYPE OF COLLISION |                | WEATHER ROAD CONDITIONS |                   |
|-------------|------------------|-------------------|----------------|-------------------------|-------------------|
|             | MOVING VEHICLE   |                   | REAR END       | C-CLEAR                 | D-DRY             |
|             | BACKING VEHICLE  |                   | HEAD ON        | CL-CLOUDY               | W-WET             |
|             | NON-INV. VEHICLE |                   | SIDE SWIPE     | R-RAIN                  | S-SNOW            |
|             | PEDESTRIAN       |                   | OUT OF CONTROL | S-SNOW                  | I-ICE             |
|             | PARKED VEHICLE   |                   | LEFT TURN      | SL-SLEET                | SL-SLUSH          |
|             | FIXED OBJECT     |                   | RIGHT ANGLE    | F-FOG                   | M-MUD             |
|             | FATAL ACCIDENT   |                   |                | M-MIST                  | O-OTHER (SPECIFY) |
|             | INJURY ACCIDENT  |                   |                | W-HIGHWIND              |                   |

INTERSECTION 14TH AND DOUGLAS

PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 14th + Douglas Sts.

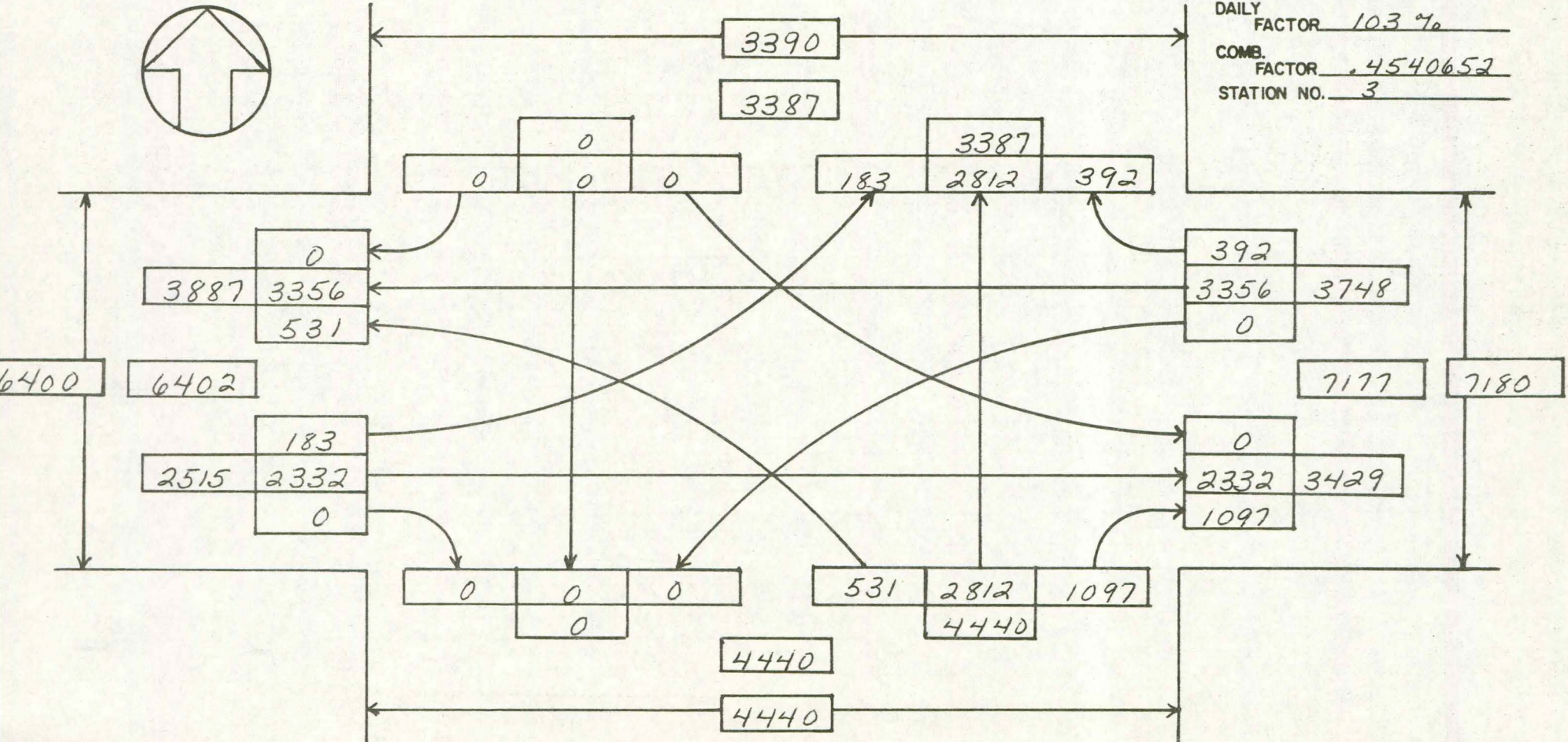
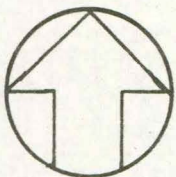
DATE 7-1-80

DAY Tuesday WEATHER partly cloudy - sunny

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 Hrs. factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 42.8%  
 MONTHLY FACTOR 103%  
 DAILY FACTOR 103%  
 COMB. FACTOR .4540652  
 STATION NO. 3



11. 11th & Lewis Blvd.

Ranking

|                    |      |      |
|--------------------|------|------|
| Hazard Index       | 450  | (11) |
| Accident Rate      | 2.37 | (18) |
| Accident Frequency | 72   | (8)  |
| Severity Rate      | 3.6  | (72) |

Analysis

Plans are being prepared by the Engineering Department for the construction of left turn bays on Lewis Blvd. A new five phase traffic signal with mast arms will also be included. This is a joint project between the City and the Iowa Department of Transportation using City and USTEP funds. It is anticipated this project will be let to contract in early 1981 for construction during the summer of 1981.

This project should reduce the number of accidents at this location.

## Accident Summary

11th & Lewis

| <u>Time of Day</u>     | <u>Number of<br/>Accidents</u> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| 6:00 a.m. - 10:00 a.m. | 10                             | Sideswipe             | 4                              |
| 10:00 a.m. - 2:00 p.m. | 20                             | Rear End              | 24                             |
| 2:00 p.m. - 6:00 p.m.  | 25                             | Right Angle           | 13                             |
| 6:00 p.m. - 10:00 p.m. | 9                              | Left Turn             | 19                             |
| 10:00 p.m. - 2:00 a.m. | 5                              | Pedestrian            | 2                              |
| 2:00 a.m. - 6:00 a.m.  | <u>1</u>                       | Other                 | <u>10</u>                      |
| <b>Totals</b>          | <b>70</b>                      | <b>Totals</b>         | <b>72</b>                      |

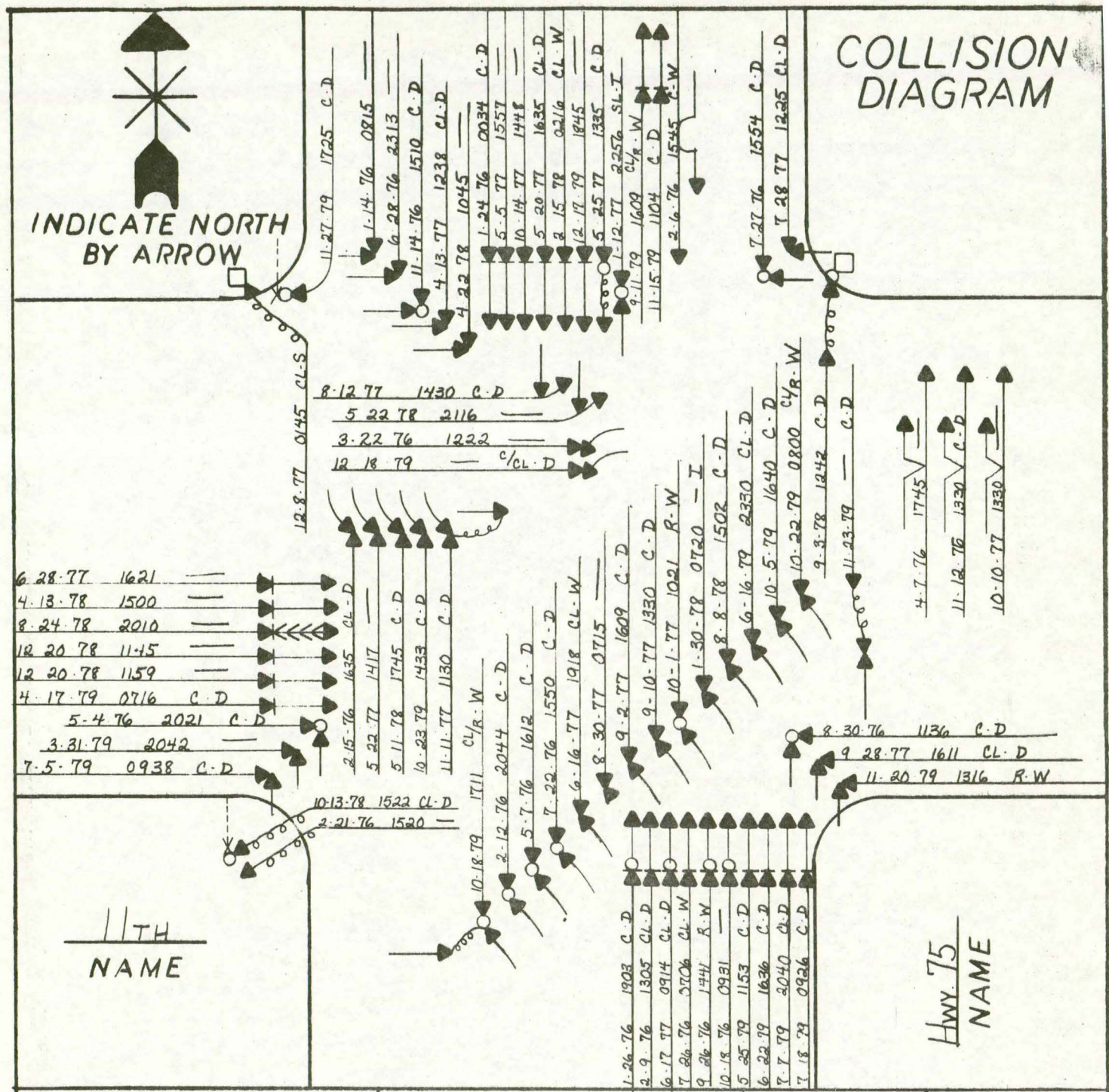
| <u>Time of Year</u>   | <u>Number of<br/>Accidents</u> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> |
|-----------------------|--------------------------------|------------------------------|-------------------------------|
| Winter ( Dec. - Feb.) | 15                             | North ( Southbound )         | 46                            |
| Spring ( March - May) | 16                             | South ( Northbound )         | 55                            |
| Summer ( June - Aug.) | 18                             | East ( Westbound )           | 9                             |
| Fall ( Sept. - Nov.)  | <u>23</u>                      | West ( Eastbound )           | <u>26</u>                     |
| <b>Totals</b>         | <b>72</b>                      | <b>Totals</b>                | <b>136</b>                    |

| <u>Pavement Condition</u> | <u>Number of<br/>Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|--------------------------------|------------------------|----------------|
| Dry                       | 39                             | 1976                   | 4              |
| Icy                       | 2                              | 1977                   | 4              |
| Wet                       | <u>10</u>                      | 1978                   | 2.7            |
| <b>Totals</b>             | <b>51</b>                      | 1979                   | <u>4</u>       |
|                           |                                | 4 year Average         | 3.6            |

# COLLISION DIAGRAM

INDICATE NORTH BY ARROW



| - SYMBOLS -  | TYPE OF COLLISION  | WEATHER ROAD CONDITIONS  |
|--|--|--|
| <ul style="list-style-type: none"> <li>← MOVING VEHICLE</li> <li>←←← BACKING VEHICLE</li> <li>←--- NON-INV. VEHICLE</li> <li>X--- PEDESTRIAN</li> <li>▣ PARKED VEHICLE</li> <li>□ FIXED OBJECT</li> <li>● FATAL ACCIDENT</li> <li>○ INJURY ACCIDENT</li> </ul> | <ul style="list-style-type: none"> <li>←→ REAR END</li> <li>←→ HEAD ON</li> <li>←→ SIDE SWIPE</li> <li>←→ OUT OF CONTROL</li> <li>←→ LEFT TURN</li> <li>↑ RIGHT ANGLE</li> </ul> | <ul style="list-style-type: none"> <li>C-CLEAR</li> <li>CL-CLOUDY</li> <li>R-RAIN</li> <li>S-SNOW</li> <li>SL-SLEET</li> <li>F-FOG</li> <li>M-MIST</li> <li>W-HIGHWIND</li> <li>D-DRY</li> <li>W-WET</li> <li>S-SNOW</li> <li>I-ICE</li> <li>SL-SLUSH</li> <li>M-MUD</li> <li>O-OTHER (SPECIFY)</li> </ul> |

INTERSECTION 11th AND Hwy 75 (LEWIS)  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 11th + Lewis (Hwy. 75)

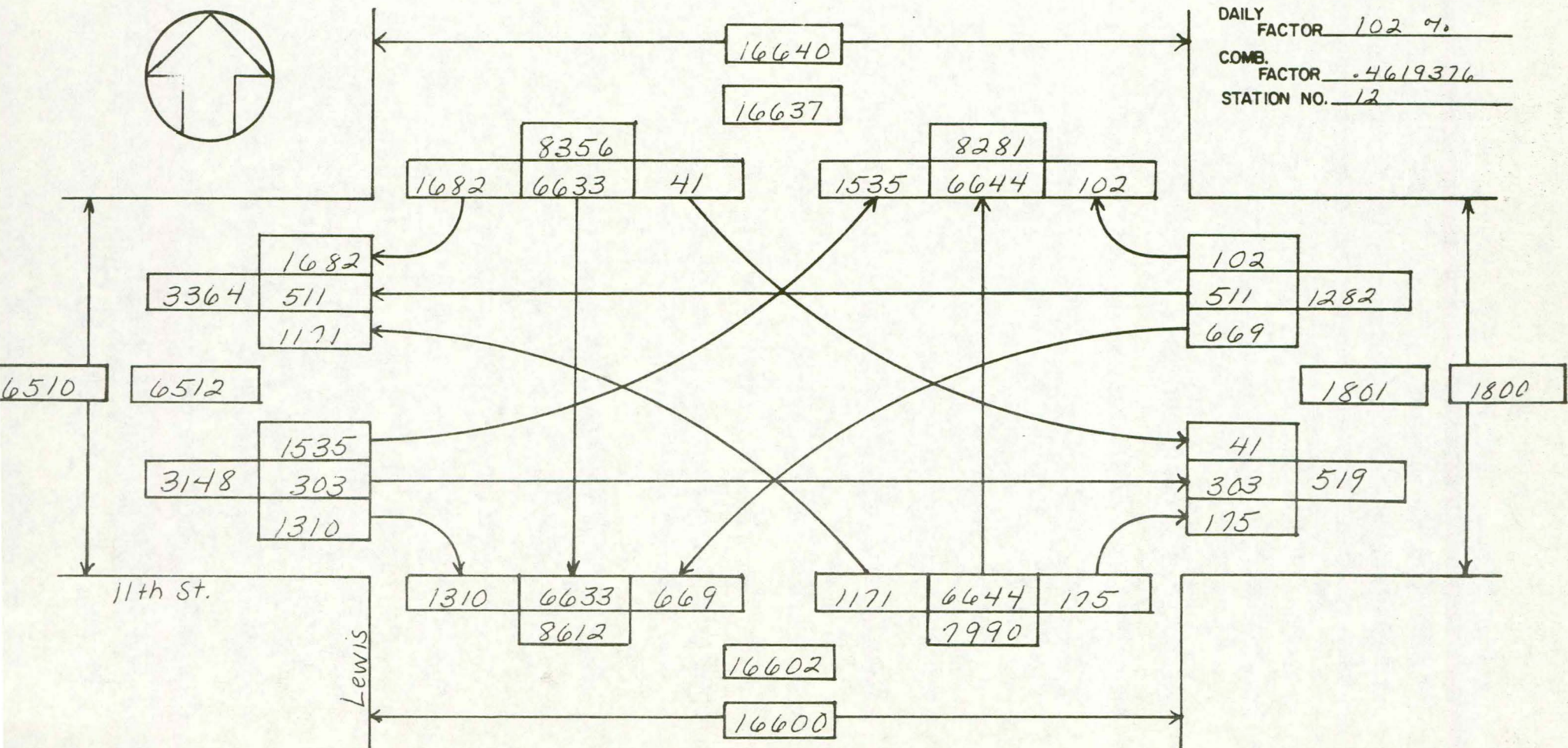
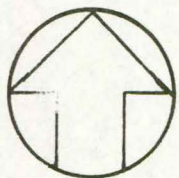
DATE 6-11-80

DAY Wednesday WEATHER partly cloudy

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 Hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 44.4%  
 MONTHLY FACTOR 102%  
 DAILY FACTOR 102%  
 COMB. FACTOR .4619376  
 STATION NO. 12





## 12. 6th & Court Streets

### Ranking

|                    |       |      |
|--------------------|-------|------|
| Hazard Index       | 447.5 | (12) |
| Accident Rate      | 3.18  | (6)  |
| Accident Frequency | 55    | (16) |
| Severity Rate      | 3.7   | (83) |

### Analysis

The City upgraded this traffic signal in 1979 with a new fixed time controller, mast arm indications and pedestrian signals. Better signal indications should reduce the number of signal violations and accidents at this intersection.

This intersection is included in the Sioux City Master Control System project presently under contract. When this project is completed it is anticipated there will be a further reduction in accidents because of better and more reliable signal progression.

No other engineering improvements are planned.

## Accident Summary

6th & Court

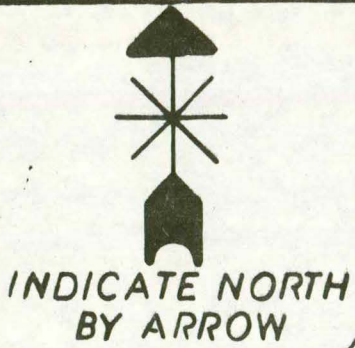
| <u>Time of Day</u>     | <u>Number of<br/>Accidents</u> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| 6:00 a.m. - 10:00 a.m. | 12                             | Sideswipe             | 0                              |
| 10:00 a.m. - 2:00 p.m. | 19                             | Rear End              | 12                             |
| 2:00 p.m. - 6:00 p.m.  | 13                             | Right Angle           | 30                             |
| 6:00 p.m. - 10:00 p.m. | 5                              | Left Turn             | 0                              |
| 10:00 p.m. - 2:00 a.m. | 6                              | Pedestrian            | 0                              |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                       | Other                 | <u>13</u>                      |
| <b>Totals</b>          | 55                             | <b>Totals</b>         | 55                             |

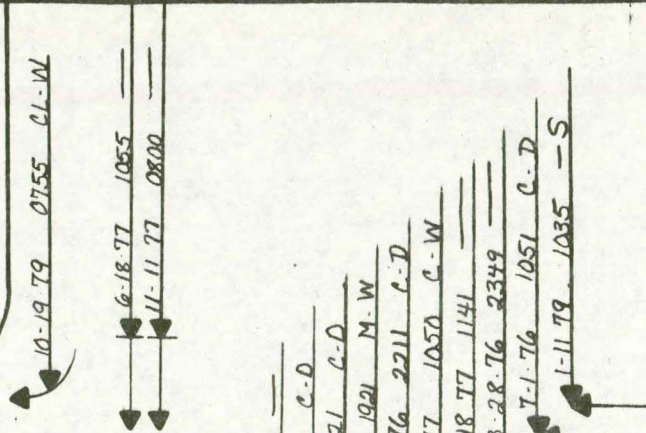
| <u>Time of Year</u>    | <u>Number of<br/>Accidents</u> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> |
|------------------------|--------------------------------|------------------------------|-------------------------------|
| Winter ( Dec. - Feb.)  | 12                             | North ( Southbound )         | 18                            |
| Spring ( March - May ) | 15                             | South ( Northbound )         | 32                            |
| Summer ( June - Aug. ) | 11                             | East ( Westbound )           | 62                            |
| Fall ( Sept. - Nov. )  | <u>17</u>                      | West ( Eastbound )           | <u>0</u>                      |
| <b>Totals</b>          | 55                             | <b>Totals</b>                | 112                           |

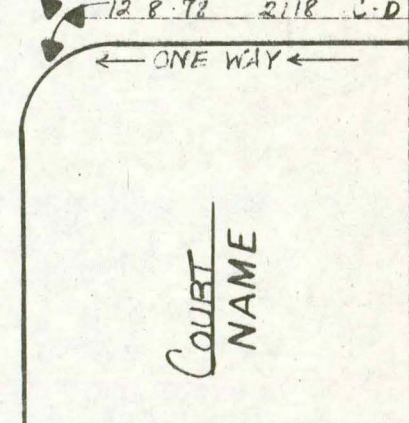
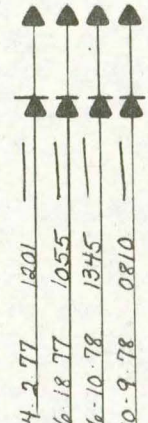
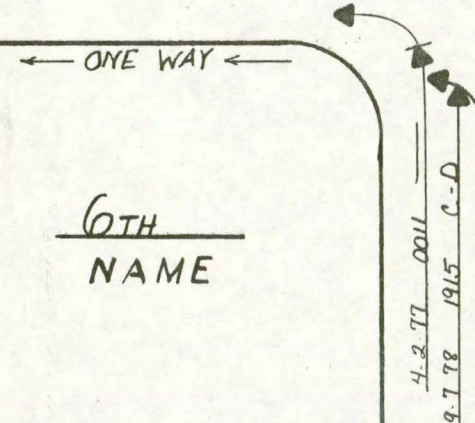
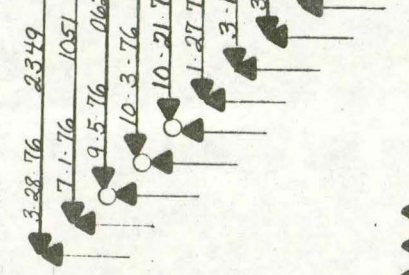
| <u>Pavement Condition</u> | <u>Number of<br/>Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|--------------------------------|------------------------|----------------|
| Dry                       | 26                             | 1976                   | 3.6            |
| Icy                       | 0                              | 1977                   | 4              |
| Wet                       | <u>7</u>                       | 1978                   | 4              |
| <b>Totals</b>             | 33                             | 1979                   | <u>3.3</u>     |
|                           |                                | 4 year Average         | 3.7            |



# COLLISION DIAGRAM



|          |      |     |
|----------|------|-----|
| 2-26-76  | 0934 | C-D |
| 3-6-76   | 1326 | --- |
| 10-7-76  | 1727 | C-D |
| 12-2-76  | 1300 | --- |
| 12-12-78 | 1805 | C-W |
| 7-20-76  | 0846 | --- |
| 12-11-76 | 1520 | --- |
| 2-5-77   | 1536 | C-D |
| 7-6-77   | 1725 | --- |
| 11-22-77 | 1605 | C-D |
| 5-15-76  | 1834 | C-D |
| 11-24-76 | 0936 | --- |
| 7-6-77   | 1725 | --- |
| 11-22-77 | 1605 | C-D |
| 11-24-78 | 1017 | --- |
| 12-8-78  | 2118 | C-D |



6TH  
NAME

COURT  
NAME

| - SYMBOLS - |                  | TYPE OF COLLISION | WEATHER ROAD CONDITIONS |           |
|-------------|------------------|-------------------|-------------------------|-----------|
|             | MOVING VEHICLE   |                   | C-CLEAR                 | D-DRY     |
|             | BACKING VEHICLE  |                   | CL-CLOUDY               | W-WET     |
|             | NON-INV. VEHICLE |                   | R-RAIN                  | S-SNOW    |
|             | PEDESTRIAN       |                   | S-SNOW                  | I-ICE     |
|             | PARKED VEHICLE   |                   | SL-SLEET                | SL-SLUSH  |
|             | FIXED OBJECT     |                   | F-FOG                   | M-MUD     |
|             | FATAL ACCIDENT   |                   | M-MIST                  | O-OTHER   |
|             | INJURY ACCIDENT  |                   | W-HIGHWIND              | (SPECIFY) |

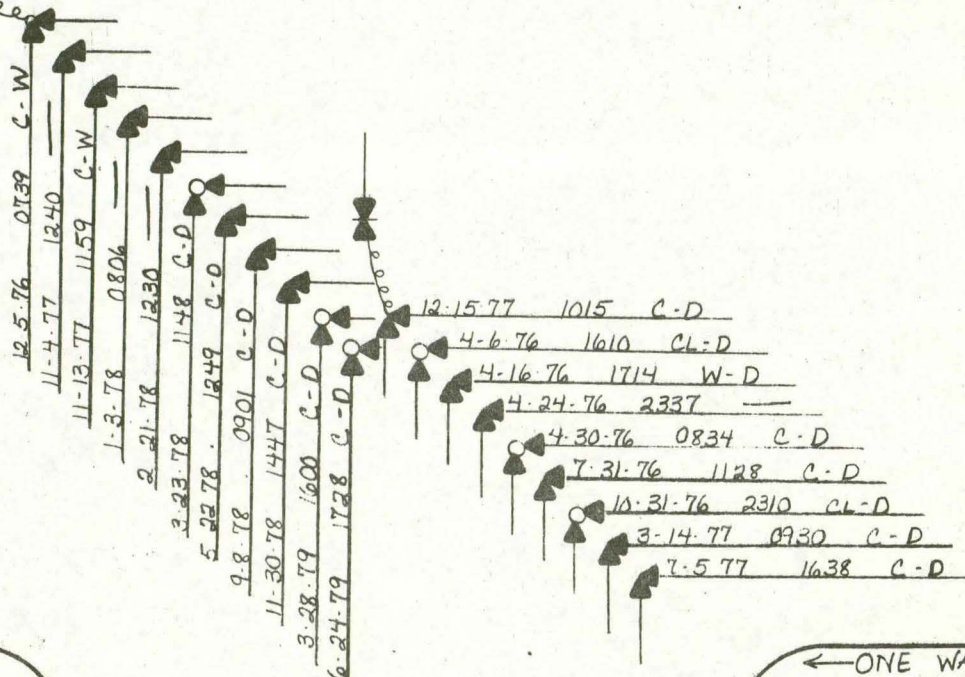
INTERSECTION 6TH AND COURT  
 PERIOD 4 YEARS : FROM 1976 TO 1979

# COLLISION DIAGRAM

INDICATE NORTH BY ARROW



← ONE WAY ←



← ONE WAY ←

6TH  
NAME

← ONE WAY ←

COURT  
NAME

- SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ←- - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←←← OUT OF CONTROL
- ←↙ LEFT TURN
- ↑↘ RIGHT ANGLE

WEATHER ROAD CONDITIONS

- |            |                   |
|------------|-------------------|
| C-CLEAR    | D-DRY             |
| CL-CLOUDY  | W-WET             |
| R-RAIN     | S-SNOW            |
| S-SNOW     | I-ICE             |
| SL-SLEET   | SL-SLUSH          |
| F-FOG      | M-MUD             |
| M-MIST     | O-OTHER (SPECIFY) |
| W-HIGHWIND |                   |

INTERSECTION 6TH AND COURT  
 PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 6th + Court Sts.

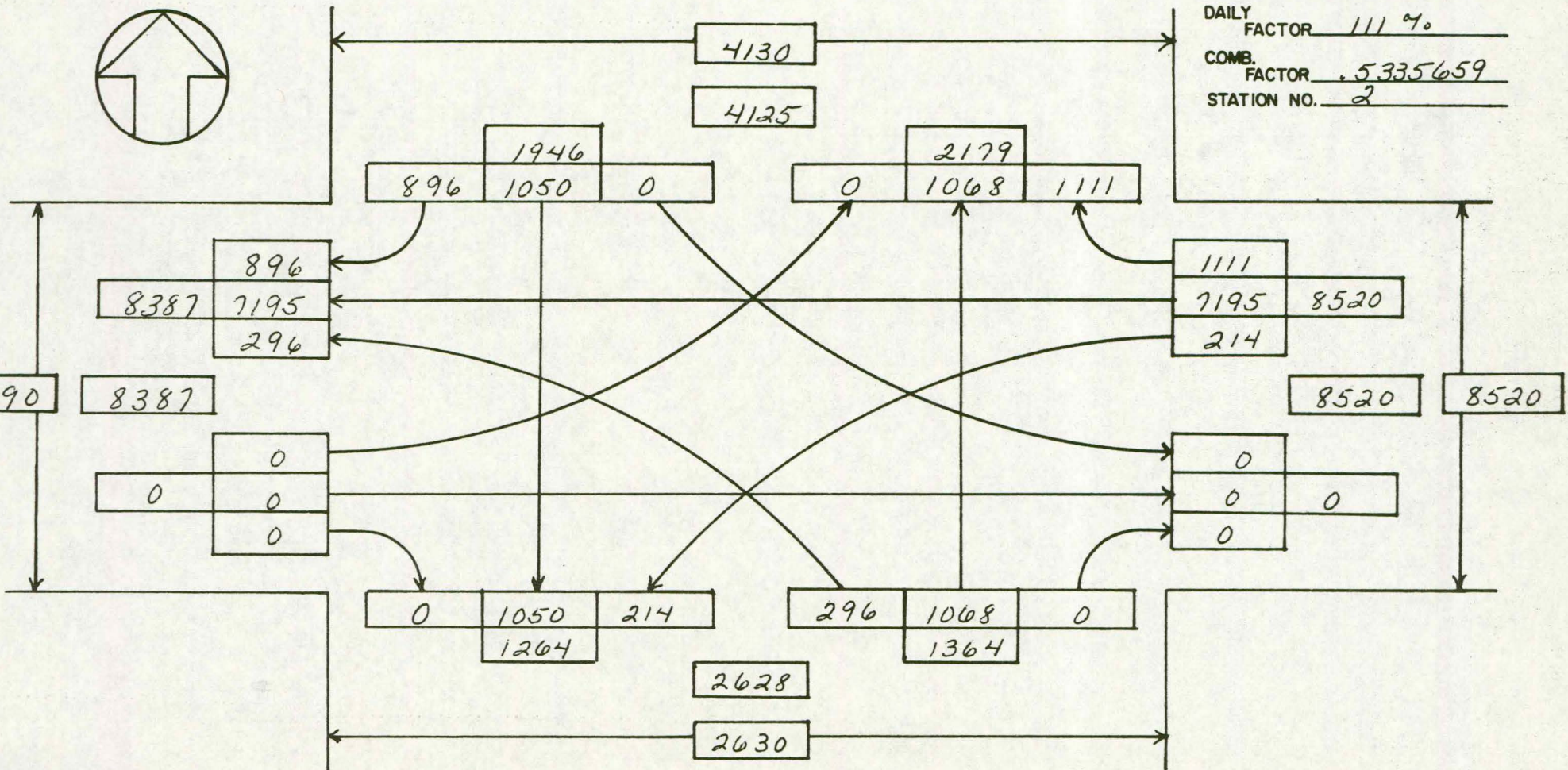
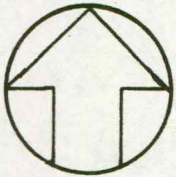
DATE 7-18-80

DAY Friday WEATHER overcast

HOURS COUNTED 7-11am, 3-6pm

HOURS SHOWN 24 Hrs. factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 44.1%  
 MONTHLY FACTOR 109%  
 DAILY FACTOR 111%  
 COMB. FACTOR .5335659  
 STATION NO. 2



IMPROVEMENTS FOR INTERSECTIONS 13 thru 115

The following list includes a brief analysis of planned intersection improvements. Also, there is a section on the Cross Town Loop Project which follows the intersection improvements.

- \*13. W. 4th & Hamilton Blvd.- This intersection will be upgraded to a semi-actuated controller. It will also be included in the Master Control System.
- \*14. 5th & Court- Existing pedestal mounted traffic signals will eventually be replaced with mast arms as funding permits.
- \*15. 18th & Pierce- This intersection was reconstructed during the summer of 1980. 18th Street was widened to three lanes to allow for left turn bays and a new traffic signal with mast arms was installed.
- 16. 28th & Lewis- On June 13, 1978, we installed a temporary actuated signal. The signal is beneficial in decreasing the number of right angle accidents. A left turn bay is proposed. The bay will be constructed to reduce the number of southbound rear end collisions caused by traffic making left turns. The project should be underway in the summer of 1981 and will also include the intersections of 18th & Lewis and 11th & Lewis. We will use the USTEP and City funds for this project.
- 17. 18th & Lewis- Lewis Blvd. is a four lane, major arterial but there are no left turn bays at this intersection. Most rear end collisions resulted from vehicles that were stopped while waiting to make left turns. On September 9, 1977, we replaced the existing actuated controller to a more reliable full actuated controller. This was the first step for making 18th & Lewis Blvd a more safe intersection. It will also be included in the left turn bay project proposed for two other intersections on Lewis Blvd. This addition should be a major factor in reducing the number of left turn accidents.
- \*18. 18th & Douglas- Right angle accidents at this intersection are caused by the need for a signal but a signal is not warranted at this time. We are watching this intersection to see when a traffic signal is warranted. Then, we will attempt to program City funds to install the signal.
- \*19. 18th & Jackson- The existing pedestal mounting should be upgraded to mast arms.
- \*20. Gordon & Virginia- Mast arms and a full actuated controller were installed in May of 1979. Twelve months preceding signal updating, approximately twenty accidents occurred and these were decreased to nine accidents twelve months after installation. This comparison shows the improvements have reduced accidents at this location.
- \*21. 4th & Floyd Blvd.- No engineering improvements are scheduled at this time until a decision is made on the construction of an alternate route for the Floyd Viaduct.
- \*22. 5th & Nebraska- No improvements are planned for this intersection.
- 23. W. 7th & Perry- A new fixed time controller and mast arms were installed on April 13, 1979. There has been somewhat of a traffic accident decrease (15 accidents one year before installation and 8 accidents one year following.) This comparison shows the improvements have decreased accidents at this location.

24. W. 19th & Riverside Blvd.- A full actuated traffic signal was installed at this intersection. We do not anticipate any further improvements.
- \*25. Gordon & Nebraska- New mast arms were installed on May 9, 1978. There was a considerable decrease of 78 to 42 accidents in a period of one year before and one year after installation. Presently, we have no improvements planned.
26. Gordon & Fairmont- A new eight phase full actuated controller is scheduled for this intersection in conjunction with the Master Control System which is under construction and should be completed in the spring of 1982. No other improvements are planned.
27. W. 19th & Center- In August of 1979, we installed a new full actuated traffic signal with mast arms and pedestrian crosswalk signals. No other improvements are planned.
28. 8th & Douglas- No improvements are planned for this intersection.
- \*29. 5th & Douglas- The existing pedestal mountings should be upgraded to mast arms.
30. Gordon & Palmetto- This is the first signalized intersection on Gordon Dr. coming into Sioux City from the east. There is a large number of accidents caused by vehicles on Gordon Dr. failing to stop for the traffic signal, both rear end and right angle type. The Police Department will be requested to enforce the speed limit and watch for signal violations at this location.
- \*31. 18th & Nebraska- This intersection was changed from a 3-way to a 4-way stop on April 4, 1979. The accidents have decreased to 2 accidents following the change. We are watching this location for traffic signal warrants.
32. W. 19th & Casselman- There will be a need for a signal at some future date but a signal is not warranted at this time. We are watching this intersection to see when a traffic signal is warranted. This will probably not occur until the area becomes more developed which is several years away.
- \*33. 4th & Court- Existing pedestal mounted traffic signals will eventually be replaced with mast arms as funding permits.
- \*34. W. 19th & Hamilton- In February of 1978, a five phase full actuated controller was installed. This controller provides protected left turns on demand off of Hamilton Blvd. Also, it includes pedestrian push buttons and indications. This intersection is included in the Master Control System for Sioux City. This should help reduce accidents because it will provide better progression on Hamilton Blvd.
- \*35. Gordon & Pierce- Signal progression on Gordon Dr. will be improved with the Master Control System. No other improvements are planned at this time.
- \*36. 3rd & Pierce- The pedestal mounted traffic signals were converted to mast arms in 1976. No plans for further upgrading are proposed.



- \*37. 11th & Jackson- Traffic signal warrants are not met for eight hours a day. This intersection will be watched for a possible future signal installation when warranted and funding is available.
- \*38. 6th & Jackson- Mast arms were installed in September of 1980. No further improvements are planned.
- 39. Gordon & Stone- This intersection was upgraded to a five phase actuated traffic signal with mast arms and pedestrian indications in 1976. This signal will be included in the Master Control System to provide signal progression on Gordon Dr. This should decrease rear end accidents. No other improvements are planned for this intersection.
- 40. 14th & Summit- Refer to the Cross Town Loop Project section found at the end of The High Hazard Intersection Improvements.
- 41. Cunningham & Leech- There is a large percent of heavy truck traffic at this intersection. There needs to be a larger turning radii and mast arms at this intersection.
- 42. Hamilton & Stone Park- In March of 1978, we constructed left turn storage lanes on all approaches. Also, we installed an eight phase full actuated traffic signal and mast arms. No further improvements are planned at this time.
- \*43. 11th & Pierce- No engineering improvements are scheduled at this time.
- 44. W. 28th & Hamilton- This intersection was included in the Hamilton Blvd. project. The intersection was widened and a five phase full actuated traffic controller was installed. There has been a large reduction in accidents at this location since the project was completed. This intersection will be included in the Master Control System.
- 45. Lakeport & Glenn- A signal has been warranted for several years and it was finally installed in 1980. It will help in part in reducing accidents but the proposed widening for Lakeport is still needed.
- 46. W. 8th & Hamilton- No improvements are planned.
- 47. Gordon & Martha- This signal will be included in the Master Control System to provide signal progression on Gordon Dr. This should decrease rear end accidents. No other improvements are planned for this intersection.
- \*48. W. 3rd & Hamilton- This intersection is included in the progression timing of signals on Hamilton Blvd. It will also be a part of the Master Control System. No other improvements are scheduled for this location.
- 49. Morningside, Transit & So. St. Aubin- The traffic signal will be changed to a three phase actuated controller from the existing fixed time controller with the Master Control System. This improvement should reduce delay and reduce the accidents.

50. 36th & Hamilton- No improvements are planned for this intersection.
51. Glenn & So. Alice- There was an increase in accidents because the use of So. Alice as a detour during the U.S. Hwy. 75 construction project. No improvements are planned for this intersection.
- \*52. 3rd & Pearl- Existing pedestal mounted traffic signals will eventually be replaced with mast arms.
53. Transit & So. Alice- There was a slight increase in accidents because So. Alice was used as a detour during the U.S. Hwy. 75 construction project. No engineering improvements are planned.
54. Fairmont & Peters- Fairmont was used as an unofficial detour during the Hwy. 75 construction. We do not anticipate any improvements for this intersection.
55. 13th & Jackson- Refer to the Cross Town Loop Project section found at the end of the High Hazard Intersection Improvements.
56. W. 19th & Ross- No improvements will be made at this intersection.
57. 8th & Nebraska- No improvements will be made at this intersection.
- \*58. 6th & Wesley Way- Improvements are planned for this intersection in conjunction with the Wesley Way project.
- \*59. 3rd & Nebraska- No improvements are planned for this intersection.
60. W. 19th & Geneva- No engineering improvements are planned at this time.
- \*61. 6th & Pierce- A left turn lane was provided for the eastbound approach and mast arms were installed after the previous High Hazard Study. No further improvements are anticipated.
- \*62. 18th & Grandview- No engineering improvements are scheduled at this time.
63. 14th & Nebraska- Refer to the Cross Town Loop Project section found at the end of the High Hazard Intersection Improvements.
- 64 thru 67- No improvements are planned for these intersections.
68. 4th & Lewis- There will be signal progression on Lewis Blvd. with the Master Control System. Better mast arms for the signal indications are also needed. No other improvements are planned for this intersection.
69. Gordon & Maple- This intersection is being watched for a possible traffic signal installation. Volumes are too low on Maple St. to warrant a signal at this time.
70. Floyd Blvd. & Outer Dr.- This T-intersection had an actuated signal installed in October of 1977.

71. W. 14th & Center- A four-way stop was installed on April 3, 1979. There has been a large decrease in accidents.
- \*72. 5th & Pearl- Existing pedestal mounted traffic signals will eventually be replaced with mast arms.
73. 9th & Nebraska- No improvements are planned for this intersection.
74. Gordon & Linn- Recommend closing the median opening. Refer to Number 7 (Gordon Dr. & So. Westcott) for more information.
75. W. 19th & Myrtle- No improvements are planned for this intersection.
76. Lewis & Lincoln Way- Left turn bays were constructed for southbound traffic on Lewis Blvd. No further upgrading is proposed at this time.
- \*77. 5th & Pierce- The existing pedestal mountings should be upgraded to mast arms.
78. Morningside & Stone- This intersection is being watched for a possible traffic signal installation. Volumes are too low on Stone Ave. to warrant a signal at this time.
79. W. 14th & Hamilton- No improvements are planned for this intersection.
80. Morningside & Lakeport- This intersection improvement is scheduled for bid letting by IDOT in February of 1981. Construction should begin in the following summer.
- \*81. 3rd & Jackson- No improvements are planned for this intersection.
82. W. 24th & Hamilton- This intersection will have better signal progression with the Master Control System. No other improvements will be implemented.
83. 8th & Court- No improvements are planned for this intersection.
84. W. 28th & Myrtle- The accidents at this intersection are caused by a sight problem on the southeast corner. It will be proposed that the parking be removed to help eliminate this problem.
- \*85. 5th & Jackson- No improvements are planned for this intersection.
86. Transit & So. Helen- No improvements are planned for this intersection.
87. W. 15th & Hamilton- No improvements are planned for this intersection.
88. 14th & Jackson- Refer to the Cross Town Loop Project section found at the end of the High Hazard Intersection Improvements.
89. Gordon & Magnolia- No improvements are planned for this intersection.
90. W. 7th & Omaha- The traffic signal need to be removed from this intersection.

- \*91. 11th & Floyd- No improvements are planned for this intersection.
- 92. 20th & Pierce- The existing pedestal mountings should be upgraded to mast arms.
- 93. W. 19th & Isabella- No improvements are planned for this intersection.
- \*94. Gordon & Dace- This signal will be included in the Master Control System to provide signal progression on Gordon Dr. This should decrease rear end collisions. No other improvements are planned for this intersection.
- \*95. 6th & Pearl- The existing pedestal mountings should be upgraded to mast arms.
- 96. Lewis & Industrial Rd.- We are watching this intersection because there is a possibility that a signal will be warranted in the future.
- 97. 11th & Hoeven- No improvements are planned for this intersection.
- 98. Cunningham, Lewis & Transit- The middle of three traffic signals at this interchange is scheduled for removal. The other two signals will be controlled by the Master Control System to provide better progression.
- 99 thru 106- No improvements are planned for these intersections.
- \*107. Gordon & Court- No improvements are planned for this intersection.
- 108 & 109- No improvements are planned for these intersections.
- 110. Morningside, Indiana & So. Paxton- The school crossing signal needed upgrading.
- 111. 27th & Pierce- No improvements are planned for this intersection.
- \*112. 6th & Nebraska- The existing pedestal mountings should be upgraded to mast arms.
- 113. 7th & Pierce- The existing pedestal mountings should be upgraded to mast arms.
- 114. Fairmont & Vine- There was a slight increase in accidents because Fairmont was used as a detour during the U.S. Hwy. 75 construction project. No engineering improvements are planned.
- 115. W. 18th & Hamilton- No improvements are planned for this intersection.

Time does not permit a complete analysis of all 115 locations at this time. As improvements are made, beginning at the top of the list, further studies for improvements will be made at other locations.

## CROSS TOWN LOOP PROJECT PROPOSAL

Traffic Engineering is going to propose to the City Council that consideration be given to a one-way pair of streets on 13th and 14th Streets between Floyd Blvd. and Hamilton Blvd.

This pair can be started between Jones Street and Summit Street without any major street construction. Several new traffic signals will have to be installed.

It has been estimated, based on traffic projections, thirty (30) accidents would be saved on adjacent streets because of reduced traffic. The accidents should decrease on 14th Street also, because of the one-way street which makes progression possible. The signals on 14th Street would also be upgraded with mast arm indications which should also reduce accidents.

The following locations on 13th Street and 14th Street included in the Study should have a reduction in accidents because of this project.

1. 14th & Pierce Streets
2. 14th & Douglas Streets
3. 14th & Nebraska Streets
4. 14th & Jackson Streets
5. 13th & Jackson Streets

CROSS TOWN LOOP STREET STATISTICS

| STREETS                | PRESENT<br>ENTERING<br>A.D.T | REDUCED<br>ENTERING<br>A.D.T | ACCIDENTS<br>in 4 years<br>(1976-1979) | REDUCED<br>ACCIDENTS<br>in 4 years | ACCIDENTS<br>SAVED<br>in 1 year |
|------------------------|------------------------------|------------------------------|--|------------------------------------|---------------------------------|
| Gordon Dr. & Virginia  | 22,640                       | 19,940                       | 66                                     | 58.13                              | 1.97                            |
| Gordon Dr. & Court     | 18,200                       | 15,500                       | 14                                     | 11.96                              | 0.51                            |
| Gordon Dr. & Dace      | 25,820                       | 23,400                       | 18                                     | 16.31                              | 0.42                            |
| Gordon Dr. & Pierce    | 22,420                       | 19,670                       | 49                                     | 42.99                              | 1.50                            |
| Gordon Dr. & Nebraska  | 27,810                       | 25,110                       | 76                                     | 68.62                              | 1.84                            |
| 4th St. & Floyd Blvd.  | 21,980                       | 21,680                       | 60                                     | 59.18                              | 0.20                            |
| 4th St. & Court        | 7,750                        | 7,450                        | 25                                     | 24.03                              | 0.24                            |
| 3rd St. & Jackson      | 12,120                       | 11,770                       | 22                                     | 21.36                              | 0.16                            |
| 3rd St. & Nebraska     | 20,300                       | 19,850                       | 36                                     | 35.20                              | 0.20                            |
| 3rd St. & Pierce       | 20,330                       | 19,880                       | 47                                     | 45.96                              | 0.26                            |
| 3rd St. & Pearl        | 15,690                       | 15,390                       | 34                                     | 33.35                              | 0.16                            |
| W. 3rd & Hamilton      | 21,550                       | 21,250                       | 45                                     | 44.37                              | 0.32                            |
| 5th St. & Court        | 10,480                       | 9,030                        | 43                                     | 37.05                              | 1.49                            |
| 5th St. & Jackson      | 14,550                       | 12,720                       | 34                                     | 29.72                              | 1.07                            |
| 5th St. & Nebraska     | 22,480                       | 20,780                       | 53                                     | 48.99                              | 1.00                            |
| 5th St. & Pierce       | 23,580                       | 21,710                       | 28                                     | 25.78                              | 0.56                            |
| 5th St. & Douglas      | 12,490                       | 10,950                       | 34                                     | 29.81                              | 1.05                            |
| 5th St. & Pearl        | 14,720                       | 13,180                       | 29                                     | 25.97                              | 0.76                            |
| W. 4th & Hamilton      | 45,010                       | 42,720                       | 57                                     | 54.10                              | 0.73                            |
| 6th St. & Court        | 11,900                       | 10,150                       | 55                                     | 46.91                              | 2.02                            |
| 6th St. & Jones        | 12,290                       | 10,400                       | 84                                     | 71.08                              | 3.23                            |
| 6th St. & Jackson      | 16,010                       | 14,120                       | 45                                     | 39.69                              | 1.33                            |
| 6th St. & Nebraska     | 28,200                       | 28,050                       | 50                                     | 46.19                              | 0.95                            |
| 6th St. & Pierce       | 27,680                       | 25,080                       | 49                                     | 44.40                              | 1.15                            |
| 6th St. & Pearl        | 15,670                       | 14,920                       | 22                                     | 20.95                              | 0.26                            |
| 6th St. & Wesley Way   | 21,390                       | 19,100                       | 31                                     | 27.68                              | 0.83                            |
| 11th St. & Floyd Blvd. | 11,450                       | 10,150                       | 20                                     | 17.73                              | 0.57                            |
| 11th St. & Jackson     | 6,500                        | 5,600                        | 26                                     | 22.40                              | 0.90                            |
| 11th St. & Pierce      | 12,450                       | 12,050                       | 36                                     | 34.84                              | 1.16                            |
| 18th St. & Grandview   | 7,780                        | 7,180                        | 18                                     | 16.61                              | 0.35                            |
| 18th St. & Douglas     | 10,180                       | 9,530                        | 46                                     | 43.06                              | 0.73                            |
| 18th St. & Pierce      | 8,930                        | 8,230                        | 41                                     | 37.79                              | 0.80                            |
| 18th St. & Nebraska    | 10,900                       | 10,250                       | 32                                     | 30.09                              | 0.48                            |
| 18th St. & Jackson     | 12,100                       | 11,500                       | 23                                     | 21.86                              | 0.29                            |
| W. 19th & Hamilton     | 20,590                       | 20,000                       | 68                                     | 66.05                              | 0.49                            |

TOTAL ACCIDENTS SAVED: 29.98

High Hazard Intersections 13-115

Accident Summary  
Accident Diagram  
Vehicle Flow Diagram

### Accident Summary

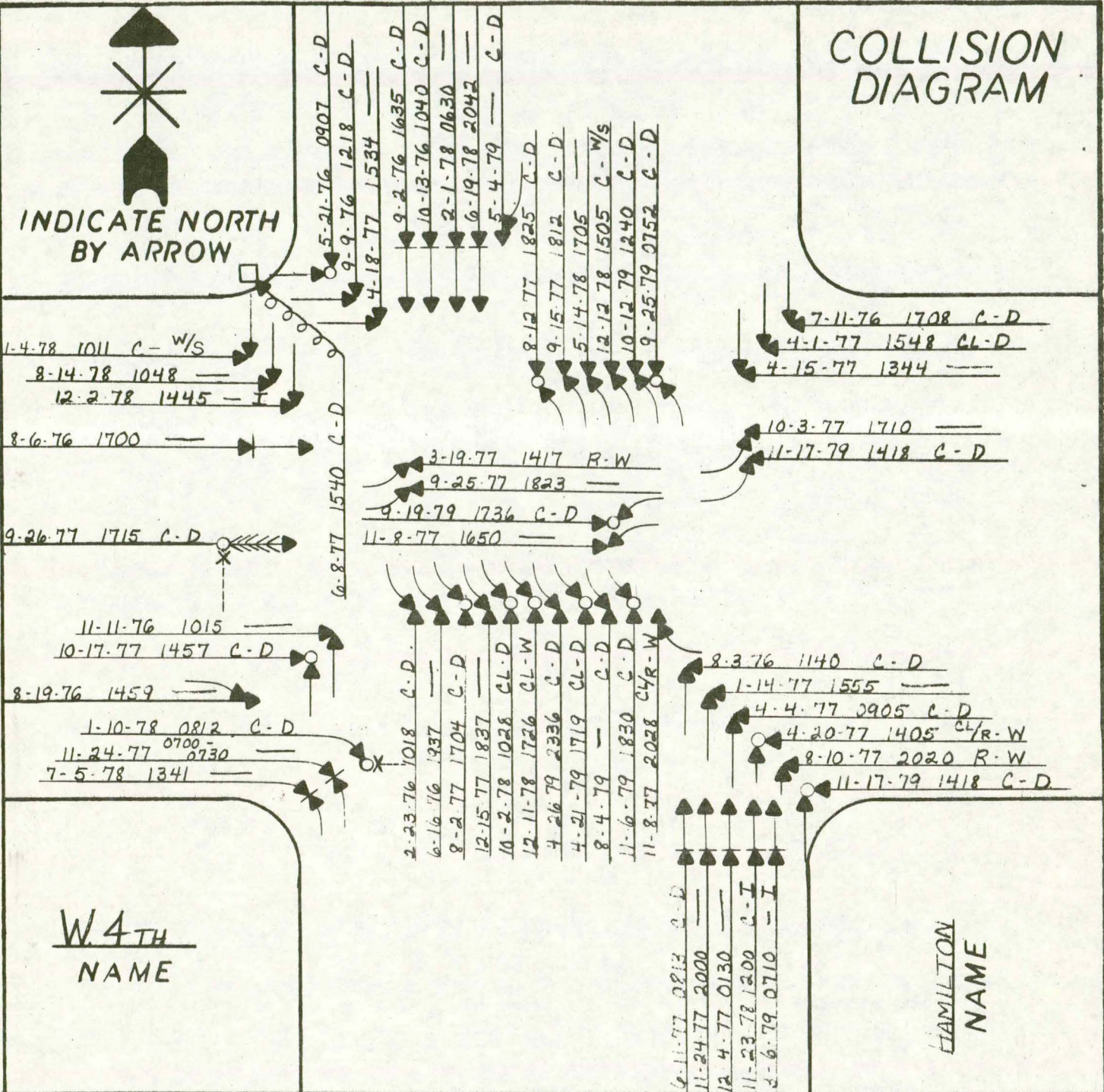
W. 4TH & HAMILTON BLVD.

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">8</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">13</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">22</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">10</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">1</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>1</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">55</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 8  | 10:00 a.m. - 2:00 p.m. | 13 | 2:00 p.m. - 6:00 p.m.  | 22       | 6:00 p.m. - 10:00 p.m. | 10        | 10:00 p.m. - 2:00 a.m.   | 1                      | 2:00 a.m. - 6:00 a.m.  | <u>1</u>                     | <b>Totals</b>             | 55                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">10</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">17</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">20</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>8</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">57</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0          | Rear End           | 10        | Right Angle   | 17  | Left Turn | 20 | Pedestrian | 2 | Other | <u>8</u> | <b>Totals</b> | 57 |
|---|----------------------------|----------------------------|------------------------|----|------------------------|----|------------------------|----------|------------------------|-----------|--|------------------------|--|------------------------------|---------------------------|----------------------|--|-----------------------|----------------------------|--------------------|------------|--------------------|-----------|---------------|-----|-----------|----|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.  | 8                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.  | 13                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.   | 22                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.  | 10                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.  | 1                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.   | <u>1</u>                   |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| <b>Totals</b>   | 55                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| <u>Accidents Type</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| Sideswipe   | 0                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| Rear End  | 10                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| Right Angle   | 17                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| Left Turn   | 20                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| Pedestrian  | 2                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| Other   | <u>8</u>                   |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| <b>Totals</b>   | 57                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">10</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">12</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">14</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;"><u>21</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">57</td> </tr> </tbody> </table>  | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb. ) | 10 | Spring ( March - May ) | 12 | Summer ( June - Aug. ) | 14       | Fall ( Sept. - Nov. )  | <u>21</u> | <b>Totals</b>  | 57                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">35</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">38</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">16</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>22</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">111</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 35   | South ( Northbound )  | 38                         | East ( Westbound ) | 16         | West ( Eastbound ) | <u>22</u> | <b>Totals</b> | 111 |           |    |            |   |       |          |               |    |
| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| Winter ( Dec. - Feb. )  | 10                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| Spring ( March - May )  | 12                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| Summer ( June - Aug. )  | 14                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| Fall ( Sept. - Nov. )   | <u>21</u>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| <b>Totals</b>   | 57                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| North ( Southbound )  | 35                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| South ( Northbound )  | 38                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| East ( Westbound )  | 16                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| West ( Eastbound )  | <u>22</u>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| <b>Totals</b>   | 111                        |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">27</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">4</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>7</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">38</td> </tr> </tbody> </table>   | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 27 | Icy                    | 4  | Wet                    | <u>7</u> | <b>Totals</b>          | 38        | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">2.5</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">3.4</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">3.8</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>3.6</u></td> </tr> <tr> <td>4 year Average</td> <td style="text-align: center;">3.3</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>   | 1976                         | 2.5                       | 1977                 | 3.4  | 1978                  | 3.8                        | 1979               | <u>3.6</u> | 4 year Average     | 3.3       |               |     |           |    |            |   |       |          |               |    |
| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| Dry   | 27                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| Icy   | 4                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| Wet   | <u>7</u>                   |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| <b>Totals</b>   | 38                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| 1976  | 2.5                        |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| 1977  | 3.4                        |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| 1978  | 3.8                        |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| 1979  | <u>3.6</u>                 |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |
| 4 year Average  | 3.3                        |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |     |           |    |            |   |       |          |               |    |



# COLLISION DIAGRAM

INDICATE NORTH BY ARROW



W 4TH  
NAME

HAMILTON  
NAME

- SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←→ REAR END
- ←→ HEAD ON
- ←→ SIDE SWIPE
- ←→ OUT OF CONTROL
- ←→ LEFT TURN
- ←→ RIGHT ANGLE

WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGH WIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION W. 4TH AND HAMILTON BLVD.  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION W. 4th + Hamilton Blvd.

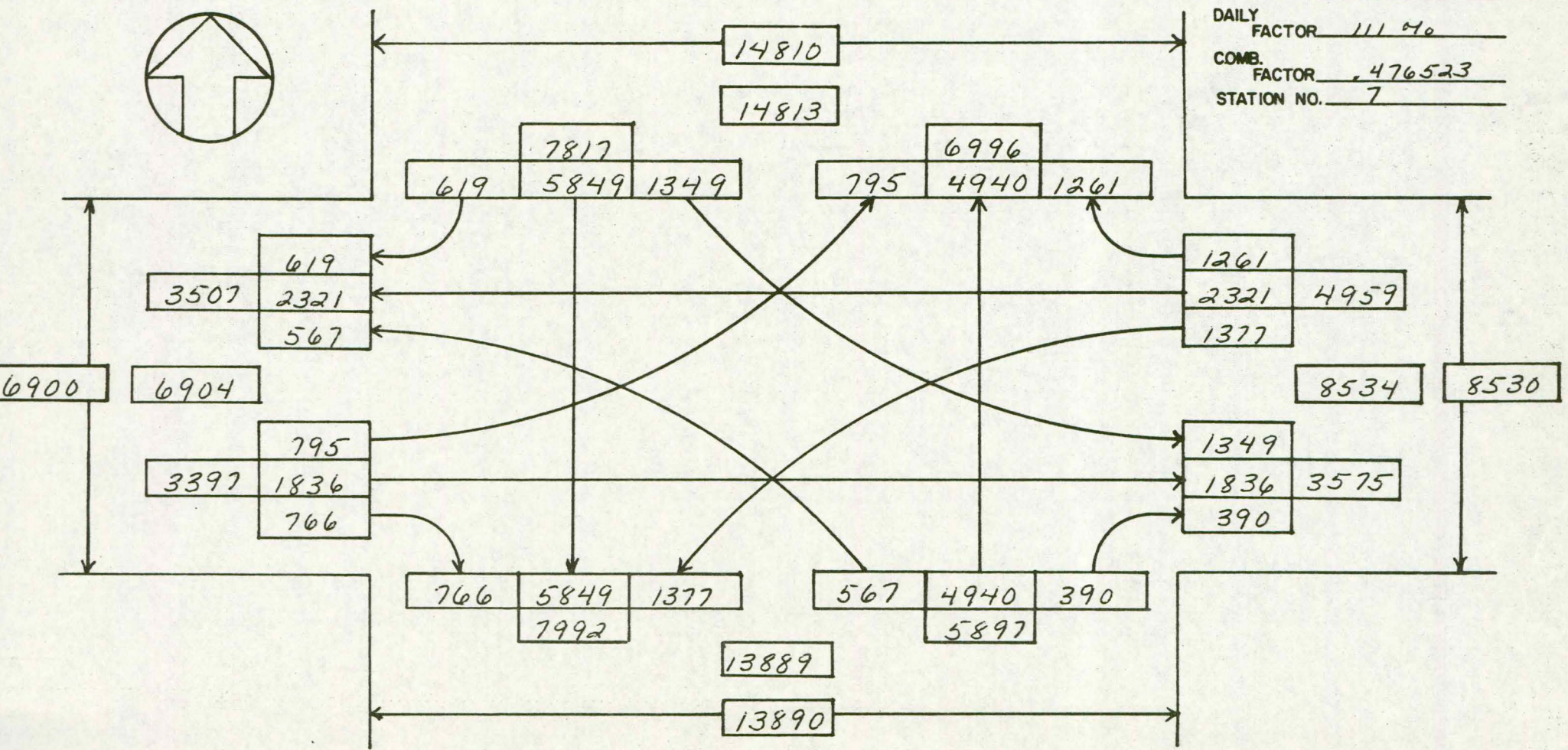
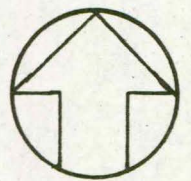
DATE 6-6-80

DAY Friday WEATHER overcast-hot

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 Hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 40.5%  
 MONTHLY FACTOR 106%  
 DAILY FACTOR 111%  
 COMB. FACTOR 476523  
 STATION NO. 7



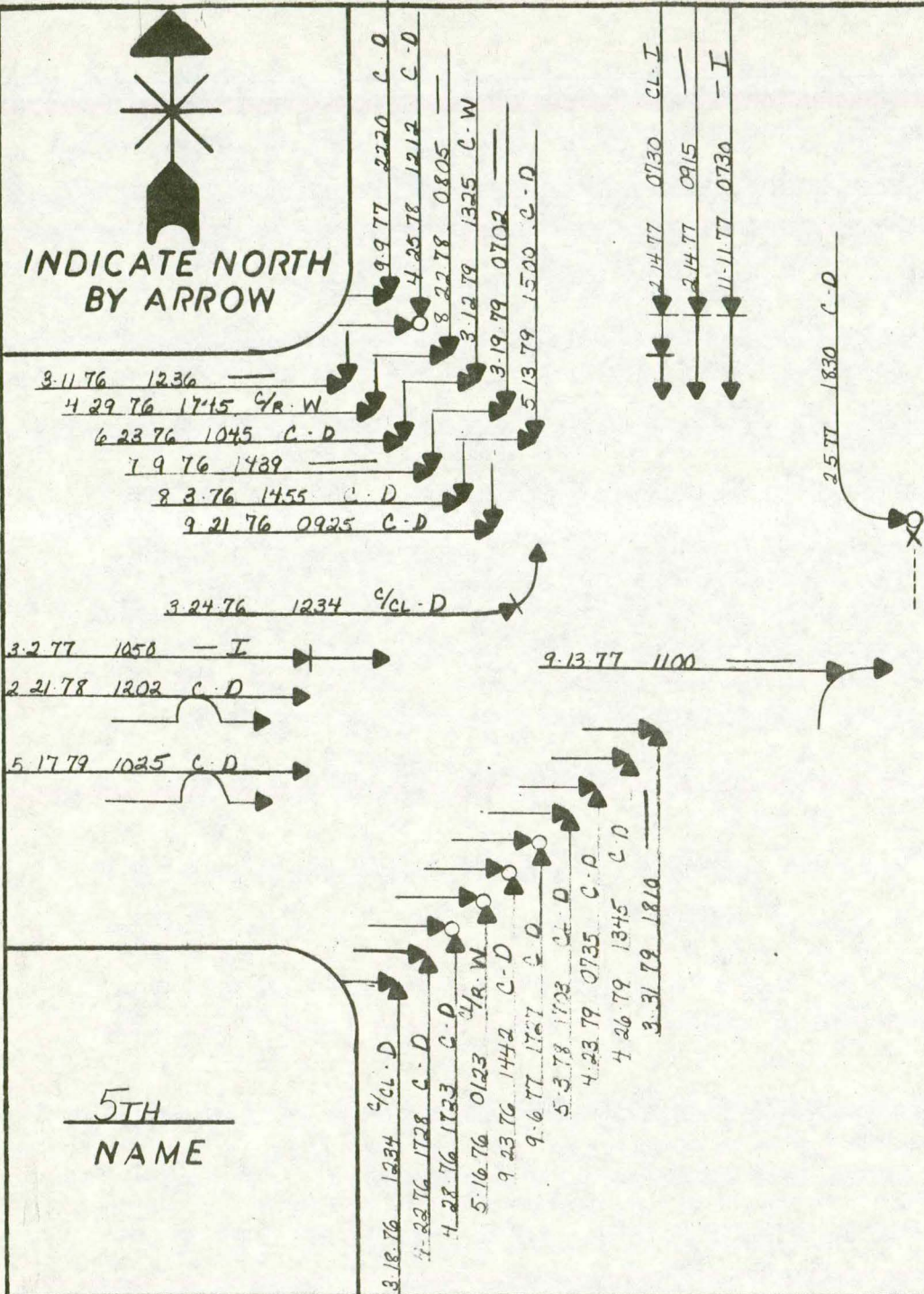
## Accident Summary

5TH & COURT

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">10</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">16</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">14</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">1</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">43</td> </tr> </tbody> </table> | <u>Time of Day</u>             | <u>Number of<br/>Accidents</u> | 6:00 a.m. - 10:00 a.m. | 10 | 10:00 a.m. - 2:00 p.m. | 16 | 2:00 p.m. - 6:00 p.m. | 14       | 6:00 p.m. - 10:00 p.m. | 2        | 10:00 p.m. - 2:00 a.m.   | 1                      | 2:00 a.m. - 6:00 a.m.  | <u>0</u>                     | <b>Totals</b>                 | 43                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">22</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>13</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">43</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> | Sideswipe          | 2        | Rear End           | 5         | Right Angle   | 22 | Left Turn | 0 | Pedestrian | 1 | Other | <u>13</u> | <b>Totals</b> | 43 |
|---|--------------------------------|--------------------------------|------------------------|----|------------------------|----|-----------------------|----------|------------------------|----------|--|------------------------|--|------------------------------|-------------------------------|----------------------|---|-----------------------|--------------------------------|--------------------|----------|--------------------|-----------|---------------|----|-----------|---|------------|---|-------|-----------|---------------|----|
| <u>Time of Day</u>  | <u>Number of<br/>Accidents</u> |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| 6:00 a.m. - 10:00 a.m.  | 10                             |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| 10:00 a.m. - 2:00 p.m.  | 16                             |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| 2:00 p.m. - 6:00 p.m.   | 14                             |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| 6:00 p.m. - 10:00 p.m.  | 2                              |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| 10:00 p.m. - 2:00 a.m.  | 1                              |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| 2:00 a.m. - 6:00 a.m.   | <u>0</u>                       |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| <b>Totals</b>   | 43                             |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| <u>Accidents Type</u>   | <u>Number of<br/>Accidents</u> |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| Sideswipe   | 2                              |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| Rear End  | 5                              |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| Right Angle   | 22                             |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| Left Turn   | 0                              |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| Pedestrian  | 1                              |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| Other   | <u>13</u>                      |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| <b>Totals</b>   | 43                             |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
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| <u>Time of Year</u>   | <u>Number of<br/>Accidents</u> |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| Winter ( Dec. - Feb.)   | 7                              |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| Spring ( March - May)   | 21                             |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| Summer ( June - Aug.)   | 7                              |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| Fall ( Sept. - Nov.)  | <u>8</u>                       |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| <b>Totals</b>   | 43                             |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| <u>Direction of Approach</u>  | <u>Number of<br/>Vehicles</u>  |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| North ( Southbound )  | 20                             |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| South ( Northbound )  | 11                             |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| East ( Westbound )  | 0                              |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| West ( Eastbound )  | <u>55</u>                      |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| <b>Totals</b>   | 86                             |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
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| <u>Pavement Condition</u>   | <u>Number of<br/>Accidents</u> |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| Dry   | 23                             |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| Icy   | 3                              |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| Wet   | <u>7</u>                       |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| <b>Totals</b>   | 33                             |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| <u>Injury Severity</u>  | <u>Average</u>                 |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| 1976  | 3.3                            |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| 1977  | 3.2                            |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| 1978  | 3.5                            |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| 1979  | <u>4</u>                       |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |
| 4 year Average  | 3.5                            |                                |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |           |               |    |

# COLLISION DIAGRAM

INDICATE NORTH  
BY ARROW



5TH  
NAME

COURT  
NAME

- SYMBOLS - TYPE OF COLLISION WEATHER ROAD CONDITIONS

|  |  |   |
|--|--|---|
| <p>← MOVING VEHICLE</p> <p>←←←← BACKING VEHICLE</p> <p>←--- NON-INV. VEHICLE</p> <p>X--- PEDESTRIAN</p> <p>▣ PARKED VEHICLE</p> <p>□ FIXED OBJECT</p> <p>● FATAL ACCIDENT</p> <p>○ INJURY ACCIDENT</p> | <p>←X← REAR END</p> <p>←X← HEAD ON</p> <p>←V← SIDE SWIPE</p> <p>←e← OUT OF CONTROL</p> <p>←T← LEFT TURN</p> <p>←R← RIGHT ANGLE</p> | <p>C-CLEAR</p> <p>CL-CLOUDY</p> <p>R-RAIN</p> <p>S-SNOW</p> <p>SL-SLEET</p> <p>F-FOG</p> <p>M-MIST</p> <p>W-HIGHWIND</p> <p>D-DRY</p> <p>W-WET</p> <p>S-SNOW</p> <p>I-ICE</p> <p>SL-SLUSH</p> <p>M-MUD</p> <p>O-OTHER (SPECIFY)</p> |
|--|--|---|

INTERSECTION 5TH AND COURT  
 PERIOD 4 YEARS : FROM 1976 TO 1979



INDICATE NORTH  
BY ARROW

COLLISION  
DIAGRAM

|          |      |        |   |
|----------|------|--------|---|
| 2-2-76   | 1531 | C-W/SL | ▲ |
| 4-15-76  | 1716 | —      | ▲ |
| 8-4-76   | 1124 | C-D    | ○ |
| 12-10-76 | 1235 | —      | ▲ |
| 4-30-77  | 1215 | —      | ▲ |
| 6-23-77  | 0808 | —      | ▲ |
| 11-2-77  | 1641 | C-D    | ▲ |
| 2-17-78  | 0734 | C-D    | ▲ |
| 4-2-78   | 1510 | CL-D   | ▲ |
| 7-12-78  | 1503 | —      | ▲ |
| 10-18-78 | 0915 | —      | ▲ |
| 5-25-79  | 1325 | C-D    | ▲ |

5TH  
NAME

COURT  
NAME

- SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←eee OUT OF CONTROL
- ←↙ LEFT TURN
- ↗← RIGHT ANGLE

WEATHER ROAD  
CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 5TH AND COURT  
PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 5th + Court Sts.

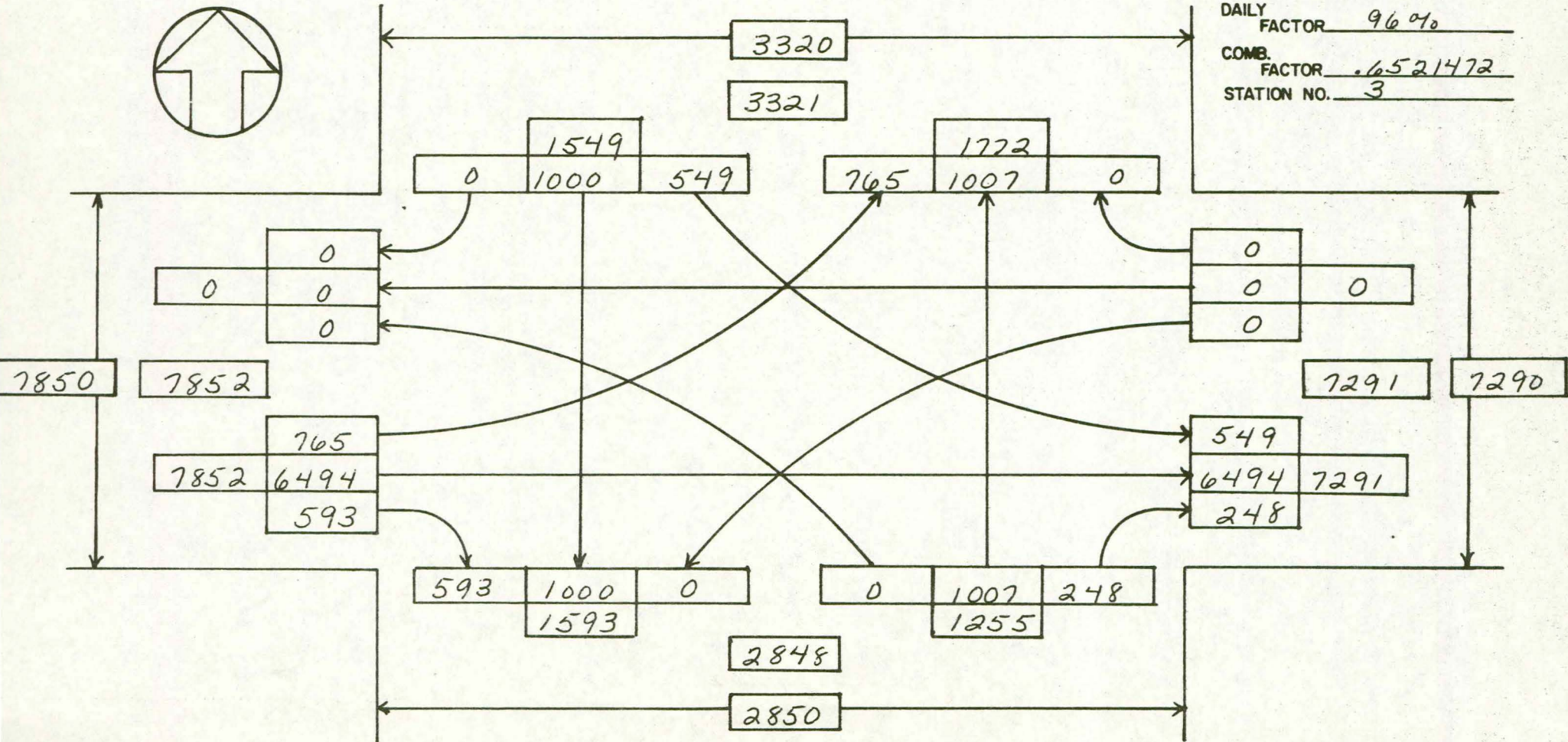
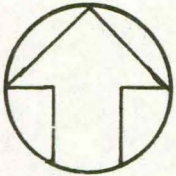
DATE 6-26-79

DAY Tuesday WEATHER clear

HOURS COUNTED 7-12am; 1-6pm

HOURS SHOWN 24 Hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 61.2%  
 MONTHLY FACTOR 111%  
 DAILY FACTOR 96%  
 COMB. FACTOR .6521472  
 STATION NO. 3



## Accident Summary

18TH & PIERCE

| <u>Time of Day</u>     | <u>Number of<br/>Accidents</u> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| 6:00 a.m. - 10:00 a.m. | 11                             | Sideswipe             | 1                              |
| 10:00 a.m. - 2:00 p.m. | 12                             | Rear End              | 11                             |
| 2:00 p.m. - 6:00 p.m.  | 9                              | Right Angle           | 21                             |
| 6:00 p.m. - 10:00 p.m. | 7                              | Left Turn             | 6                              |
| 10:00 p.m. - 2:00 a.m. | 1                              | Pedestrian            | 0                              |
| 2:00 a.m. - 6:00 a.m.  | <u>1</u>                       | Other                 | <u>2</u>                       |
| <b>Totals</b>          | 41                             | <b>Totals</b>         | 41                             |

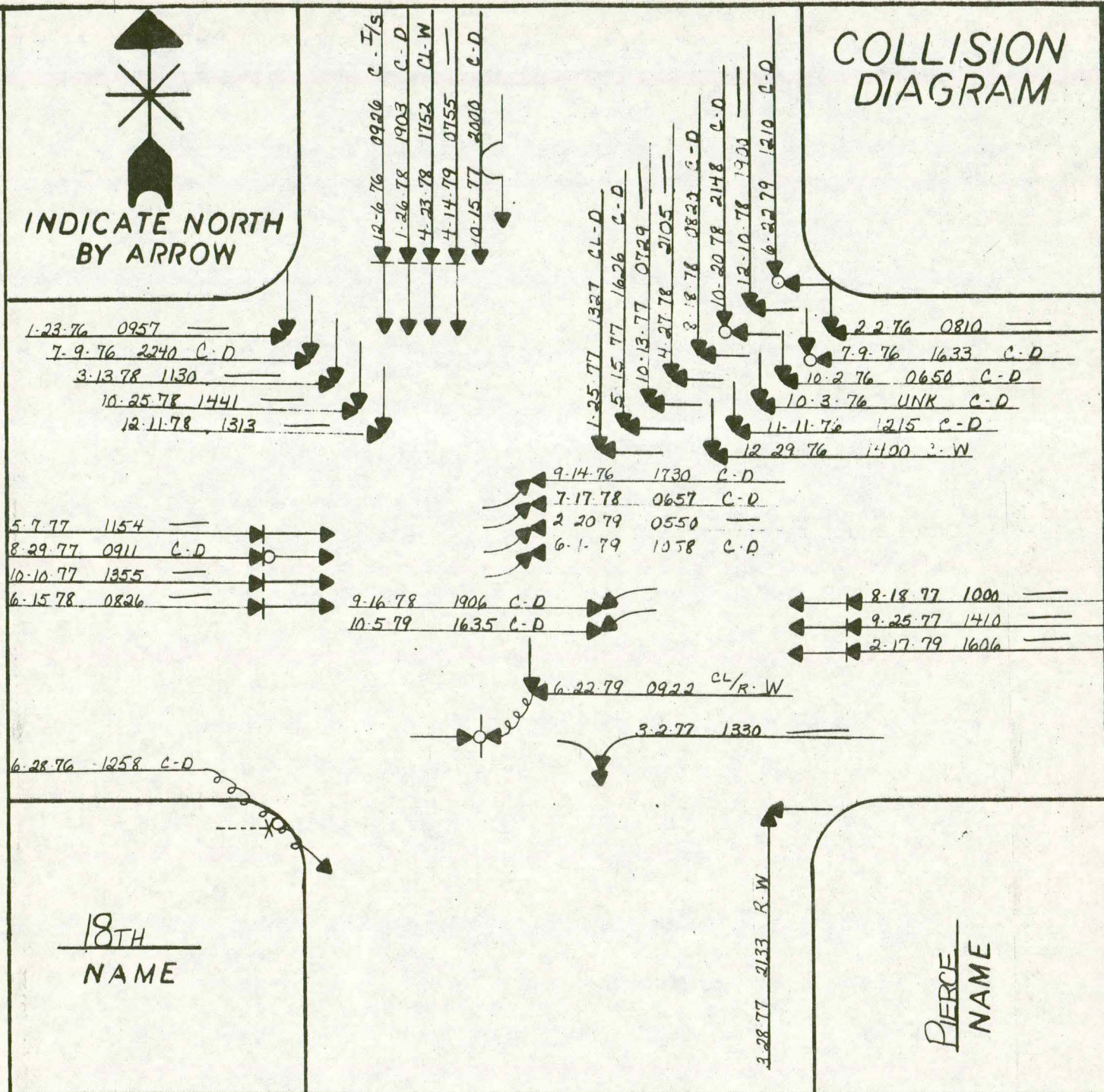
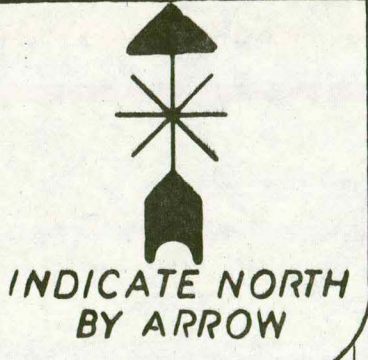
  

| <u>Time of Year</u>    | <u>Number of<br/>Accidents</u> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> |
|------------------------|--------------------------------|------------------------------|-------------------------------|
| Winter ( Dec. - Feb. ) | 10                             | North ( Southbound )         | 30                            |
| Spring ( March - May ) | 8                              | South ( Northbound )         | 1                             |
| Summer ( June - Aug. ) | 11                             | East ( Westbound )           | 29                            |
| Fall ( Sept. - Nov. )  | <u>12</u>                      | West ( Eastbound )           | <u>22</u>                     |
| <b>Totals</b>          | 41                             | <b>Totals</b>                | 82                            |

| <u>Pavement Condition</u> | <u>Number of<br/>Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|--------------------------------|------------------------|----------------|
| Dry                       | 19                             | 1976                   | 3              |
| Icy                       | 1                              | 1977                   | 4              |
| Wet                       | <u>4</u>                       | 1978                   | 3              |
| <b>Totals</b>             | 24                             | 1979                   | <u>3</u>       |
|                           |                                | 4 year Average         | 3.3            |

# COLLISION DIAGRAM



18TH  
NAME

PIERCE  
NAME

| - SYMBOLS - |                  | TYPE OF COLLISION | WEATHER ROAD CONDITIONS |
|-------------|------------------|-------------------|-------------------------|
| ←           | MOVING VEHICLE   | ←→                | C-CLEAR                 |
| ←←←         | BACKING VEHICLE  | →→                | CL-CLOUDY               |
| ←---        | NON-INV. VEHICLE | →→                | R-RAIN                  |
| X---        | PEDESTRIAN       | →↘                | S-SNOW                  |
| □           | PARKED VEHICLE   | →↘                | SL-SLEET                |
| □           | FIXED OBJECT     | →↘                | F-FOG                   |
| ●           | FATAL ACCIDENT   | →↘                | M-MIST                  |
| ○           | INJURY ACCIDENT  | →↘                | W-HIGHWIND              |
|             |                  | ↘                 | D-DRY                   |
|             |                  | ↘                 | W-WET                   |
|             |                  | ↘                 | S-SNOW                  |
|             |                  | ↘                 | I-ICE                   |
|             |                  | ↘                 | SL-SLUSH                |
|             |                  | ↘                 | M-MUD                   |
|             |                  | ↘                 | O-OTHER (SPECIFY)       |

INTERSECTION 18TH AND PIERCE  
 PERIOD 4 YEARS : FROM 1976 TO 1979



TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 18th + Pierce Sts.

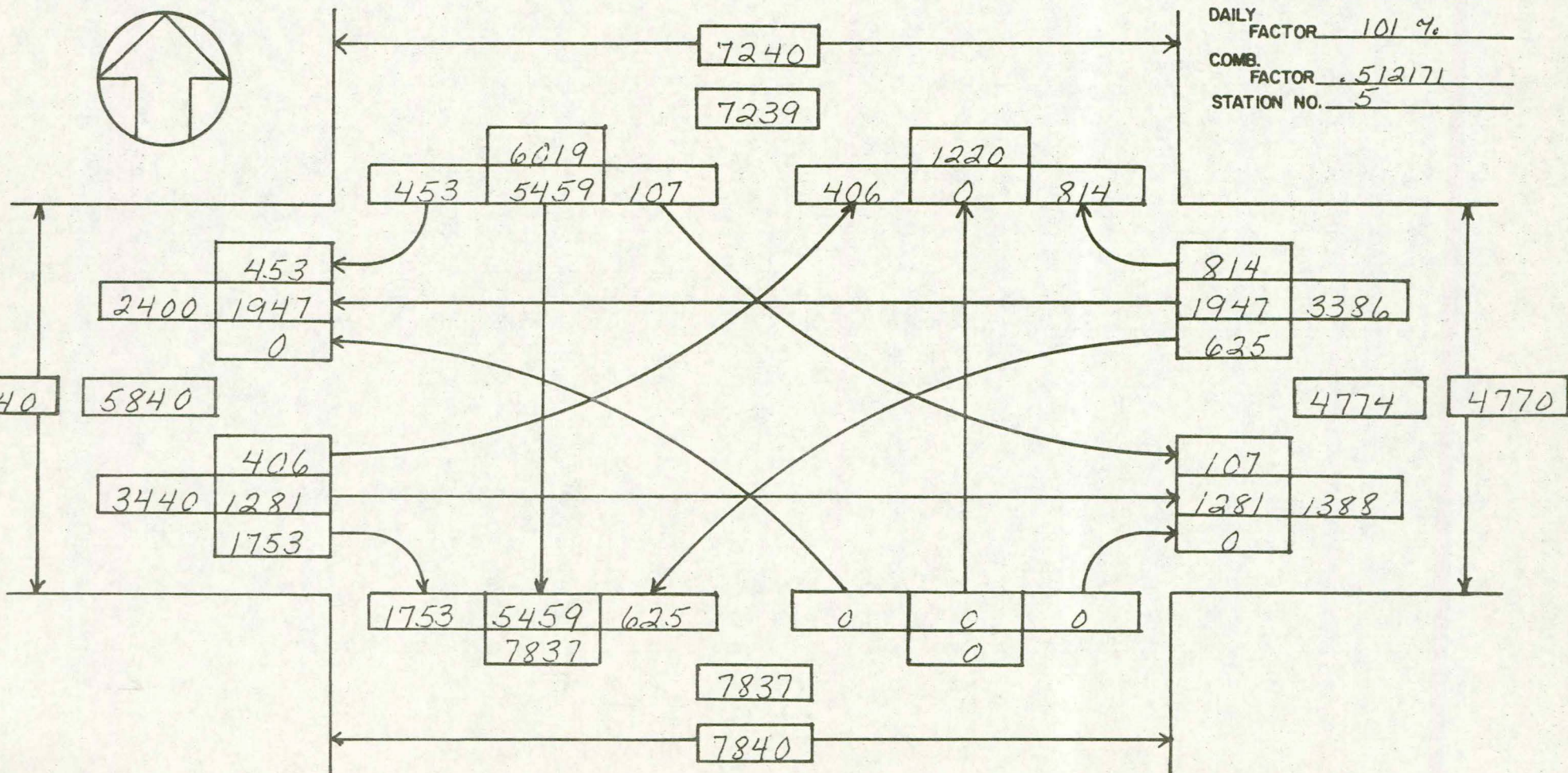
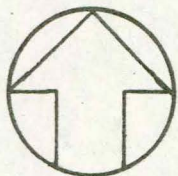
DATE 8-6-80

DAY Wednesday WEATHER clear

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 46.1%  
 MONTHLY FACTOR 110%  
 DAILY FACTOR 101%  
 COMB. FACTOR .512171  
 STATION NO. 5



## Accident Summary

28TH & LEWIS

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 7                          | Sideswipe             | 1                          |
| 10:00 a.m. - 2:00 p.m. | 5                          | Rear End              | 20                         |
| 2:00 p.m. - 6:00 p.m.  | 11                         | Right Angle           | 1                          |
| 6:00 p.m. - 10:00 p.m. | 11                         | Left Turn             | 2                          |
| 10:00 p.m. - 2:00 a.m. | 7                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>2</u>                   | Other                 | <u>19</u>                  |
| <b>Totals</b>          | 43                         | <b>Totals</b>         | 43                         |

| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 14                         | North ( Southbound )         | 35                        |
| Spring ( March - May ) | 12                         | South ( Northbound )         | 19                        |
| Summer ( June - Aug. ) | 12                         | East ( Westbound )           | 24                        |
| Fall ( Sept. - Nov. )  | <u>5</u>                   | West ( Eastbound )           | <u>1</u>                  |
| <b>Totals</b>          | 43                         | <b>Totals</b>                | 79                        |

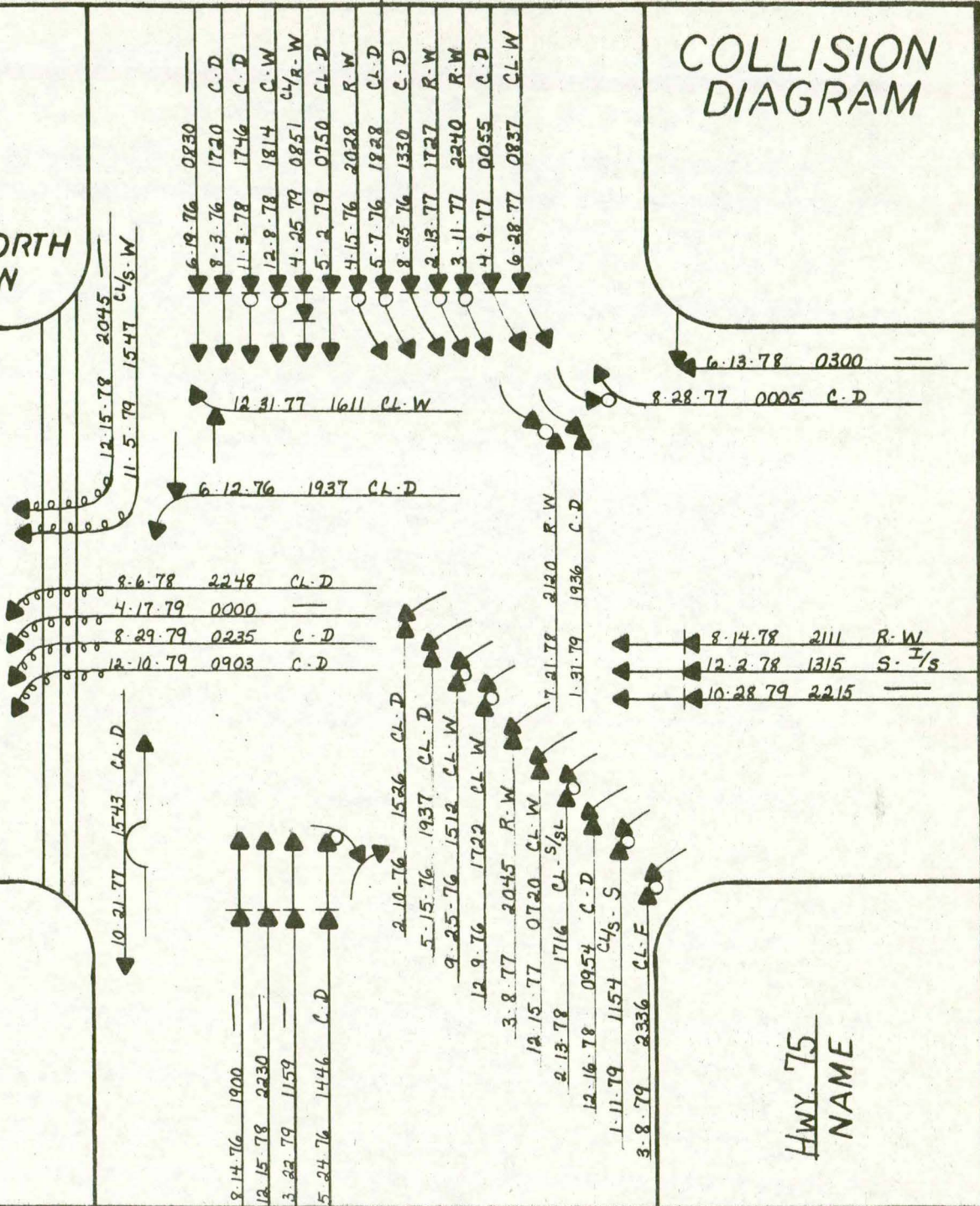
  

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 15                         | 1976                   | 3.4            |
| Icy                       | 3                          | 1977                   | 3.8            |
| Wet                       | <u>15</u>                  | 1978                   | 2.6            |
| <b>Totals</b>             | 33                         | 1979                   | <u>3.8</u>     |
|                           |                            | 4 year Average         | 3.4            |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM



28TH  
NAME

HWY. 75  
NAME

- SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←+ REAR END
- ←+ HEAD ON
- ←+ SIDE SWIPE
- ←+ OUT OF CONTROL
- ←+ LEFT TURN
- ←+ RIGHT ANGLE

WEATHER ROAD  
CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 28TH AND HWY 75 (LEWIS)  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 28th + Lewis Blvd

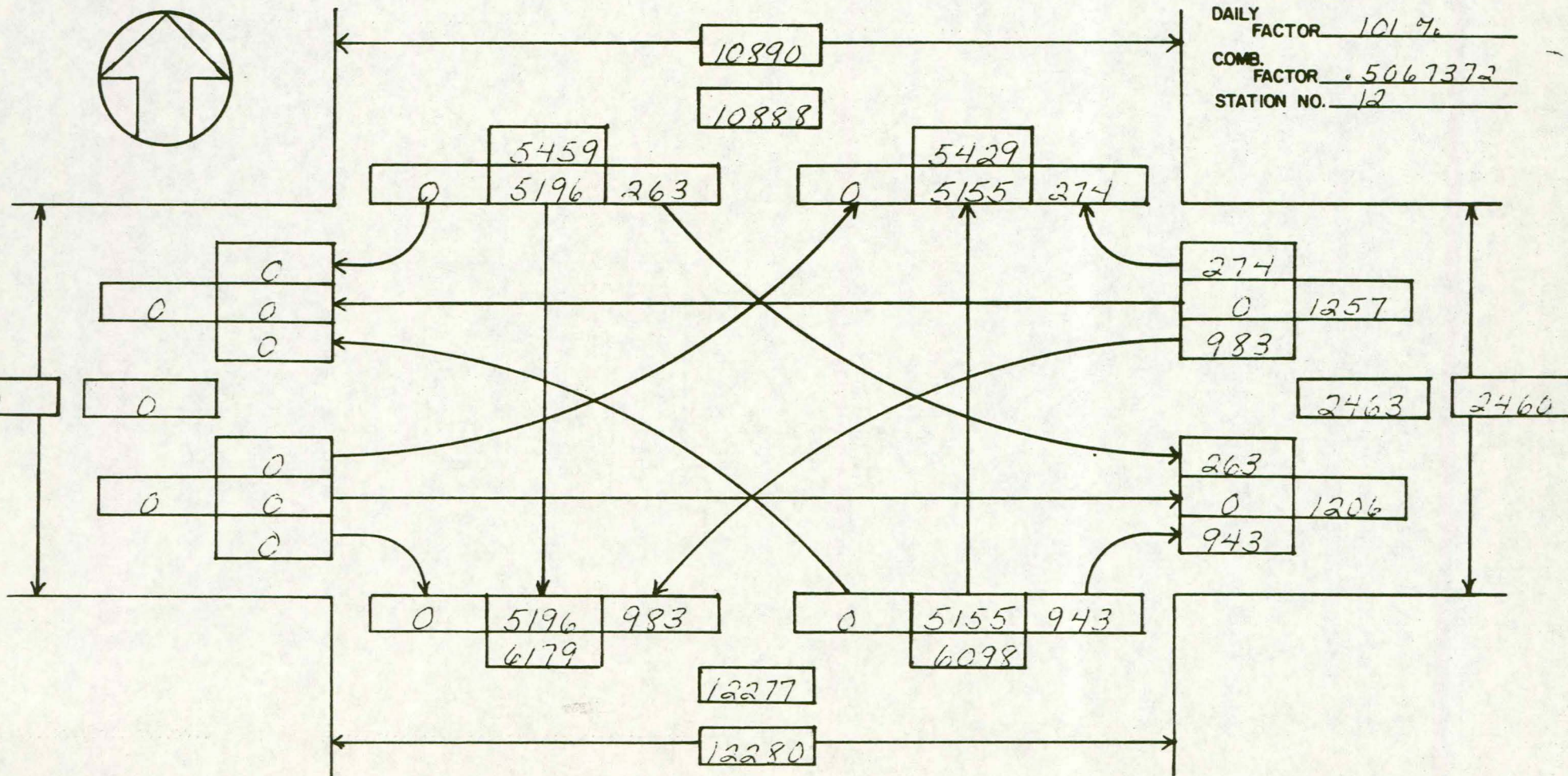
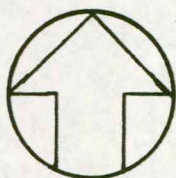
DATE 8-11-80

DAY Monday WEATHER cool-pt. cloudy

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 444%  
 MONTHLY FACTOR 113%  
 DAILY FACTOR 101%  
 COMB. FACTOR .5067372  
 STATION NO. 12



## Accident Summary

18TH & LEWIS

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 5                          | Sideswipe             | 0                          |
| 10:00 a.m. - 2:00 p.m. | 11                         | Rear End              | 18                         |
| 2:00 p.m. - 6:00 p.m.  | 14                         | Right Angle           | 7                          |
| 6:00 p.m. - 10:00 p.m. | 14                         | Left Turn             | 14                         |
| 10:00 p.m. - 2:00 a.m. | 3                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>2</u>                   | Other                 | <u>10</u>                  |
| <b>Totals</b>          | 49                         | <b>Totals</b>         | 49                         |

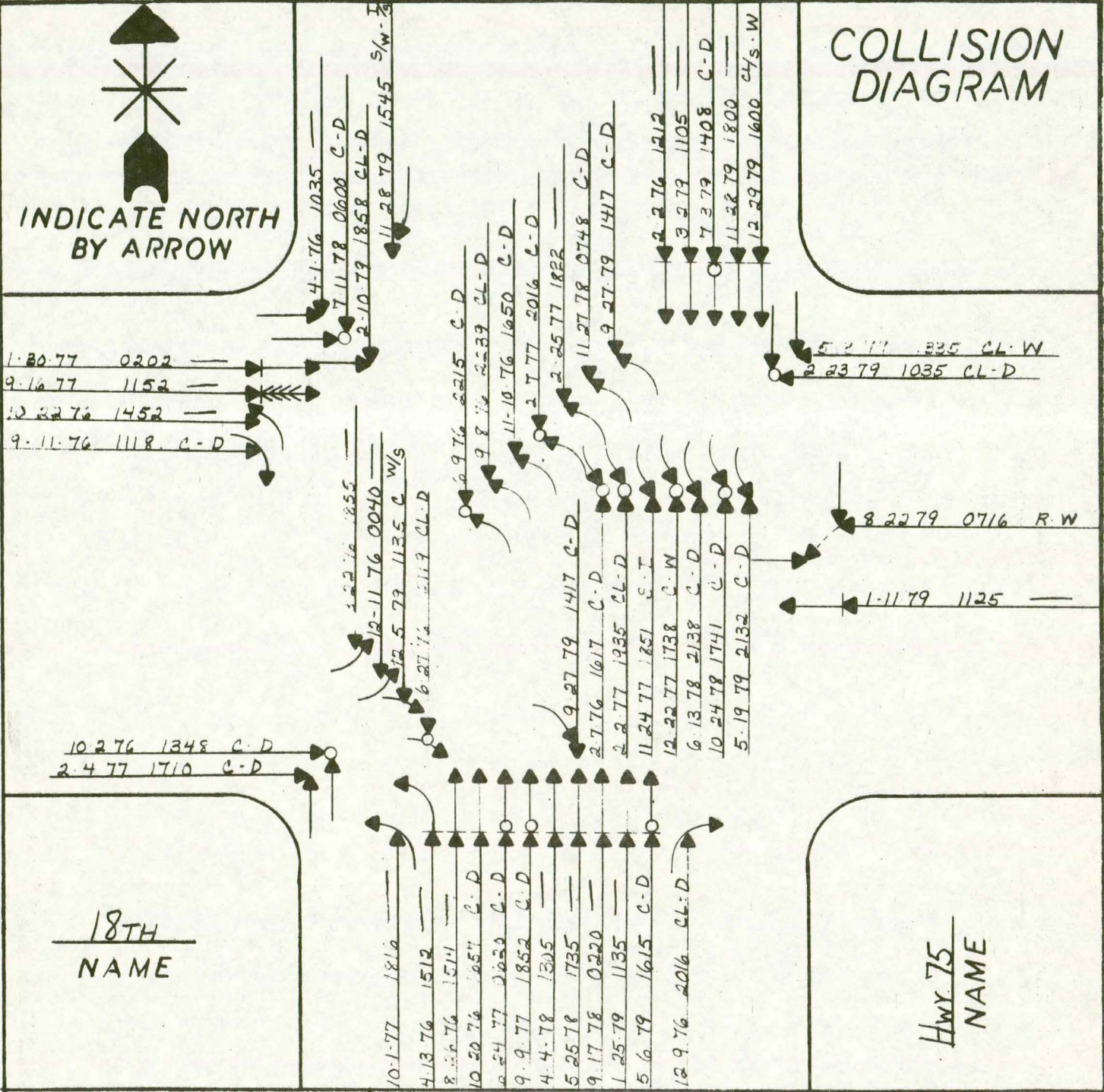
| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 16                         | North ( Southbound )         | 37                        |
| Spring ( March - May ) | 8                          | South ( Northbound )         | 40                        |
| Summer ( June - Aug. ) | 8                          | East ( Westbound )           | 5                         |
| Fall ( Sept. - Nov. )  | <u>17</u>                  | West ( Eastbound )           | <u>17</u>                 |
| <b>Totals</b>          | 49                         | <b>Totals</b>                | 99                        |

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 25                         | 1976                   | 3              |
| Icy                       | 4                          | 1977                   | 3.5            |
| Wet                       | <u>6</u>                   | 1978                   | 3.5            |
| <b>Totals</b>             | 35                         | 1979                   | <u>3.6</u>     |
|                           |                            | 4 year Average         | 3.4            |

# COLLISION DIAGRAM

INDICATE NORTH  
BY ARROW



- SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←| OUT OF CONTROL
- ↘ LEFT TURN
- ↑ RIGHT ANGLE

WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION 18TH AND Hwy 75 (LEWIS)  
 PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 18th + Lewis (Hwy. 75)

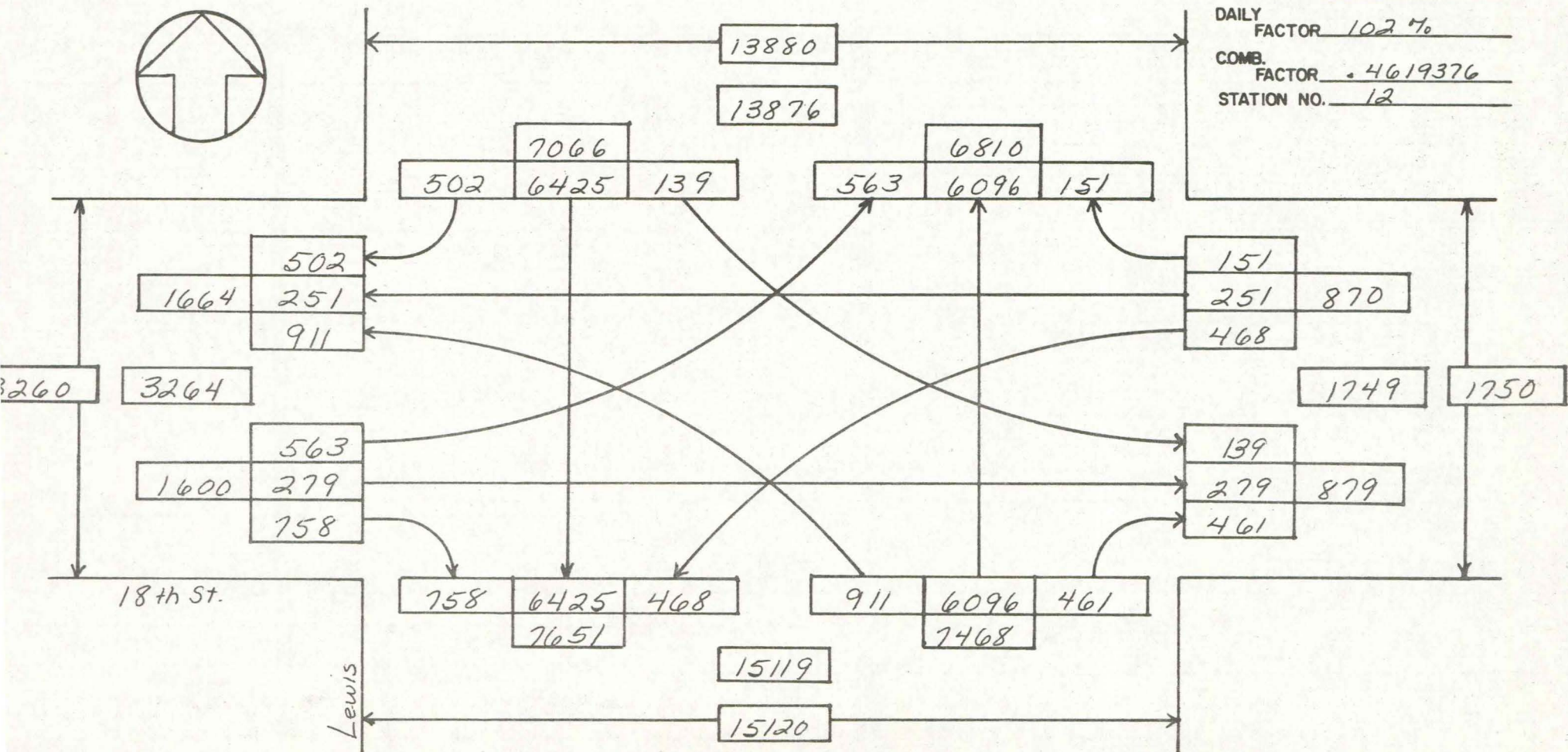
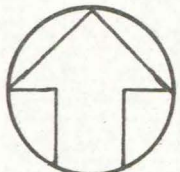
DATE 6-11-80

DAY Wednesday WEATHER sunny

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 Hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 44.4%  
 MONTHLY FACTOR 102%  
 DAILY FACTOR 102%  
 COMB. FACTOR .4619376  
 STATION NO. 12



## Accident Summary

18th & Douglas

| <u>Time of Day</u>     | <u>Number of<br/>Accidents</u> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| 6:00 a.m. - 10:00 a.m. | 10                             | Sideswipe             | 0                              |
| 10:00 a.m. - 2:00 p.m. | 11                             | Rear End              | 4                              |
| 2:00 p.m. - 6:00 p.m.  | 17                             | Right Angle           | 37                             |
| 6:00 p.m. - 10:00 p.m. | 4                              | Left Turn             | 0                              |
| 10:00 p.m. - 2:00 a.m. | 3                              | Pedestrian            | 0                              |
| 2:00 a.m. - 6:00 a.m.  | <u>1</u>                       | Other                 | <u>5</u>                       |
| Totals                 | 46                             | Totals                | 46                             |

| <u>Time of Year</u>    | <u>Number of<br/>Accidents</u> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> |
|------------------------|--------------------------------|------------------------------|-------------------------------|
| Winter ( Dec. - Feb. ) | 9                              | North ( Southbound )         | 1                             |
| Spring ( March - May ) | 13                             | South ( Northbound )         | 39                            |
| Summer ( June - Aug. ) | 11                             | East ( Westbound )           | 15                            |
| Fall ( Sept. - Nov. )  | <u>13</u>                      | West ( Eastbound )           | <u>37</u>                     |
| Totals                 | 46                             | Totals                       | 92                            |

| <u>Pavement Condition</u> | <u>Number of<br/>Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|--------------------------------|------------------------|----------------|
| Dry                       | 21                             | 1976                   | 3.5            |
| Icy                       | 1                              | 1977                   | 4              |
| Wet                       | <u>6</u>                       | 1978                   | 0              |
| Totals                    | 28                             | 1979                   | <u>0</u>       |
|                           |                                | 4 year Average         | 3.7            |

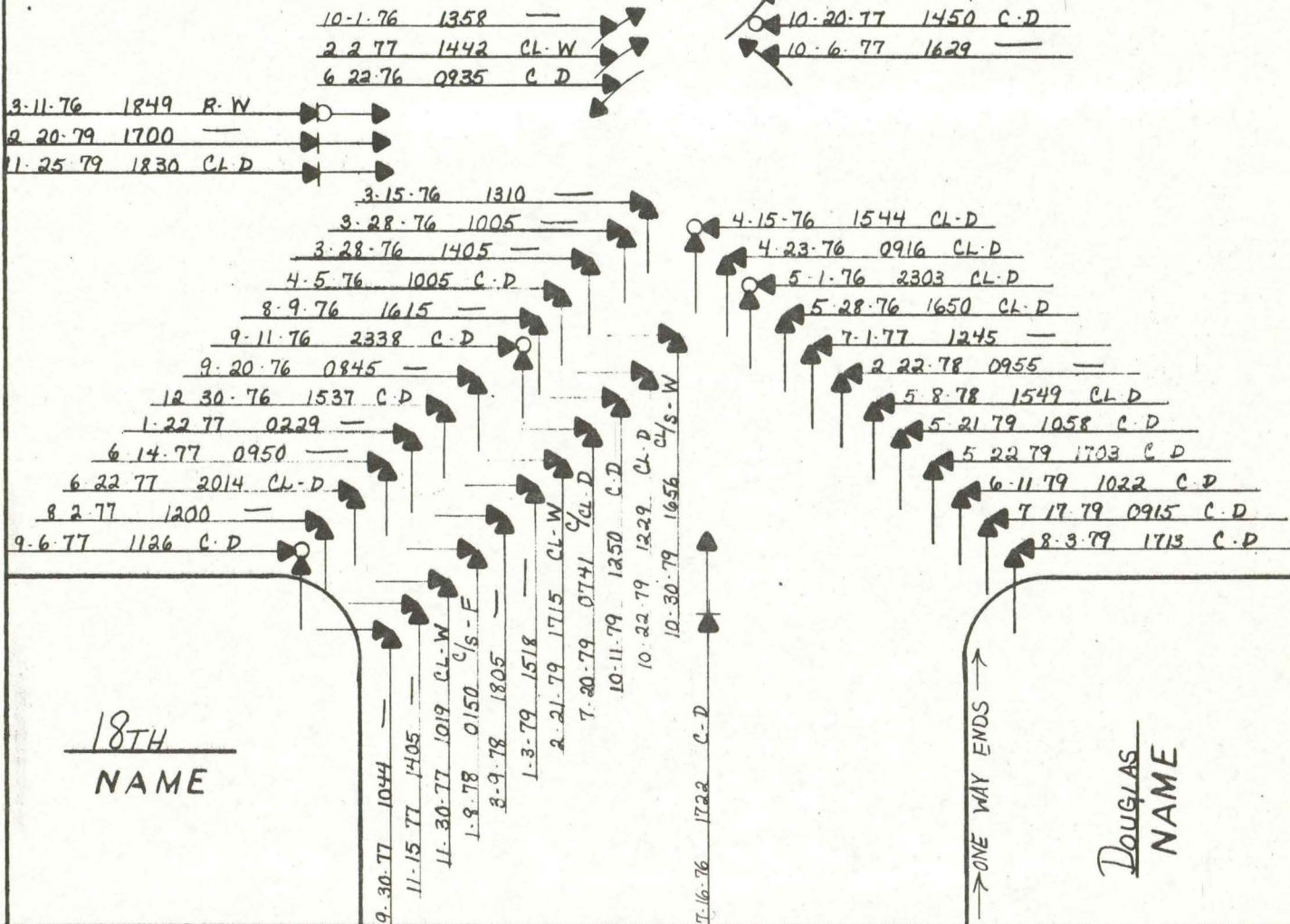


# COLLISION DIAGRAM

INDICATE NORTH  
BY ARROW



12-10-79 0856 C-W



- SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←+← REAR END
- ←+← HEAD ON
- ←+← SIDE SWIPE
- ←+← OUT OF CONTROL
- ←+← LEFT TURN
- ←+← RIGHT ANGLE

WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 18TH AND DOUGLAS  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 18th + Douglas Sts

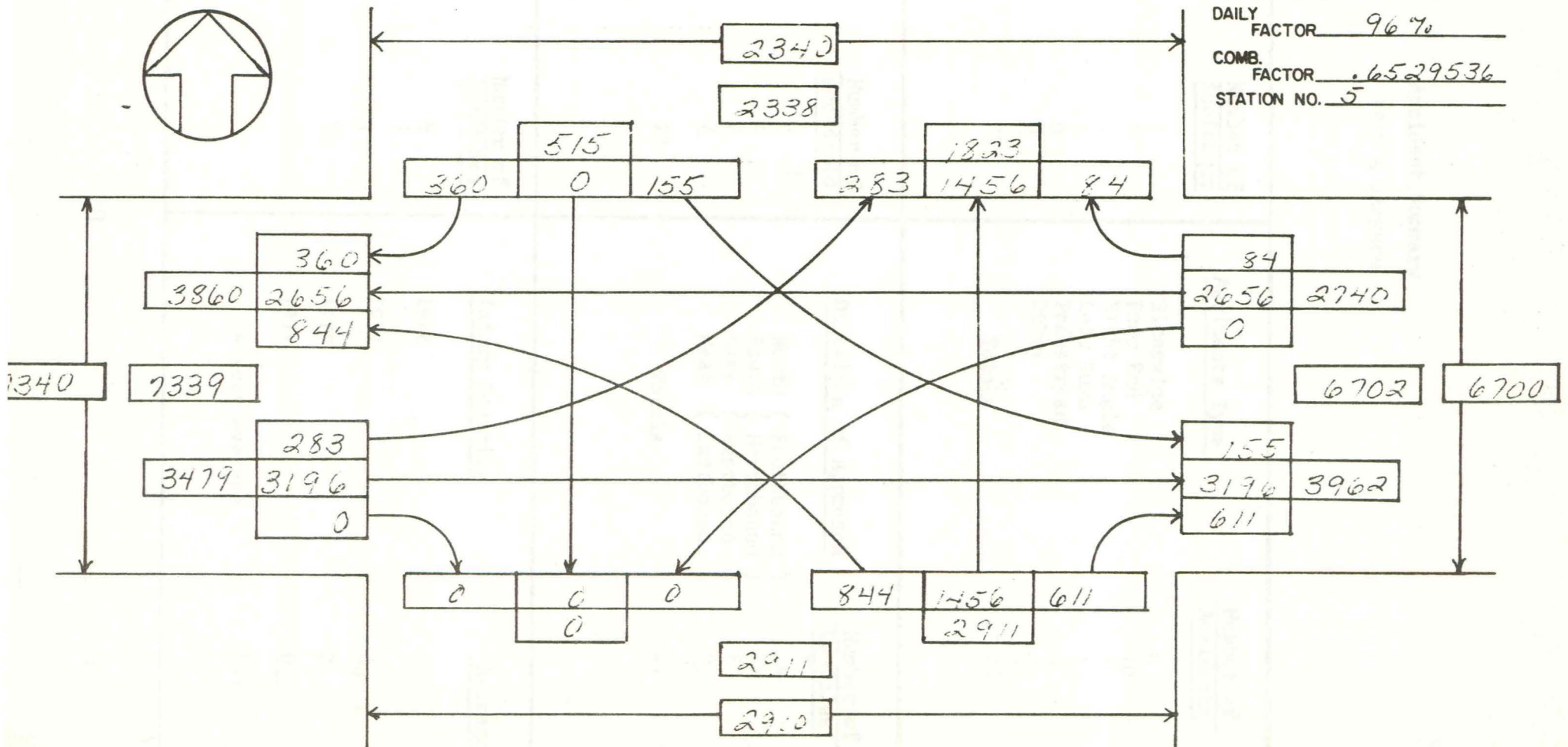
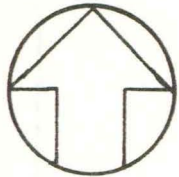
DATE 6-19-79

DAY Tuesday WEATHER sunny windy

HOURS COUNTED 7-12am, 1-6pm

HOURS SHOWN 24 Hrs Factored

CONVERSION FACTORS  
 EXPANSION FACTOR 65.4%  
 MONTHLY FACTOR 104%  
 DAILY FACTOR 96%  
 COMB. FACTOR .6529536  
 STATION NO. 5



# COLLISION DIAGRAM

INDICATE NORTH  
BY ARROW



12-7-76 1658 CL/S - I/S  
2-23-77 0632 M-D

10-14-76 1303  
12-9-78 1145  
3-9-79 1015

7-29-76 1015 C-D  
11-03-76 1924 C-D

2-18-77 0745  
9-18-78 0920

10-27-79 1500

12-12-77 0633 C-W

7-12-76 1540 C-D  
6-2-78 1540

1-30-79 1943 CL-D

10-21-76 1540 C-D  
10-24-77 0800 CL/F-D

18TH  
NAME

5-14-76 1826  
11-20-76 1255 C-D  
8-23-77 1344  
4-27-79 0807 C-D  
7-6-79 1230 C-D  
7-6-79 1242 C/F-R-D

5-21-78 0925

JACKSON  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ← X ← REAR END
- ← X → HEAD ON
- ← V ← SIDE SWIPE
- ← eee OUT OF CONTROL
- ← ↘ LEFT TURN
- ↑ ← RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 18TH AND JACKSON  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 18th + Jackson Sts.

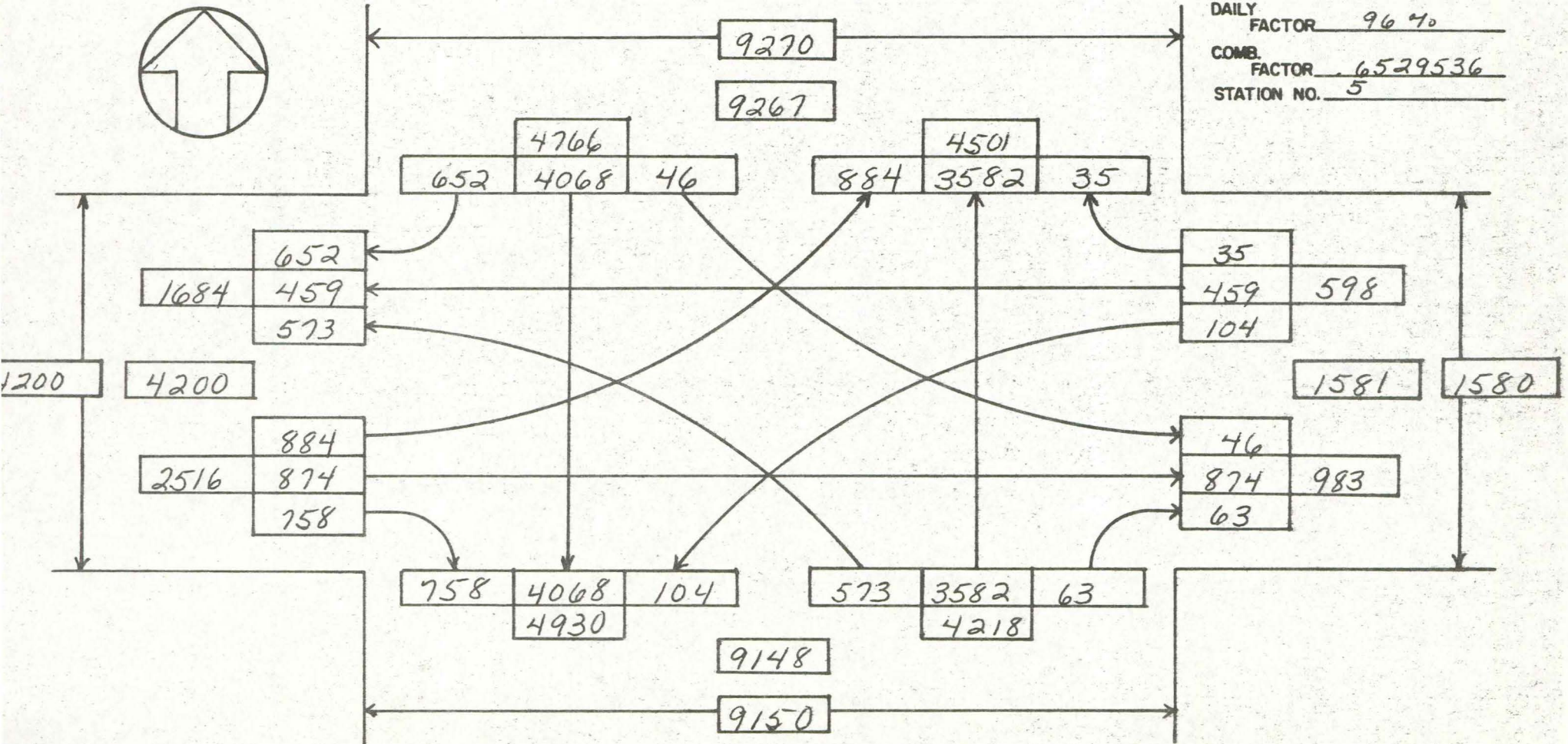
DATE 6-19-79

DAY Tuesday WEATHER fair

HOURS COUNTED 7-12am; 1-6pm

HOURS SHOWN 24 Hrs. factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 65.4%  
 MONTHLY FACTOR 104%  
 DAILY FACTOR 96%  
 COMB. FACTOR 65.29536  
 STATION NO. 5



**Accident Summary**  
GORODN & VIRGINIA

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 4                          | Sideswipe             | 1                          |
| 10:00 a.m. - 2:00 p.m. | 15                         | Rear End              | 35                         |
| 2:00 p.m. - 6:00 p.m.  | 21                         | Right Angle           | 16                         |
| 6:00 p.m. - 10:00 p.m. | 19                         | Left Turn             | 8                          |
| 10:00 p.m. - 2:00 a.m. | 5                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>1</u>                   | Other                 | <u>6</u>                   |
| <b>Totals</b>          | 65                         | <b>Totals</b>         | 66                         |

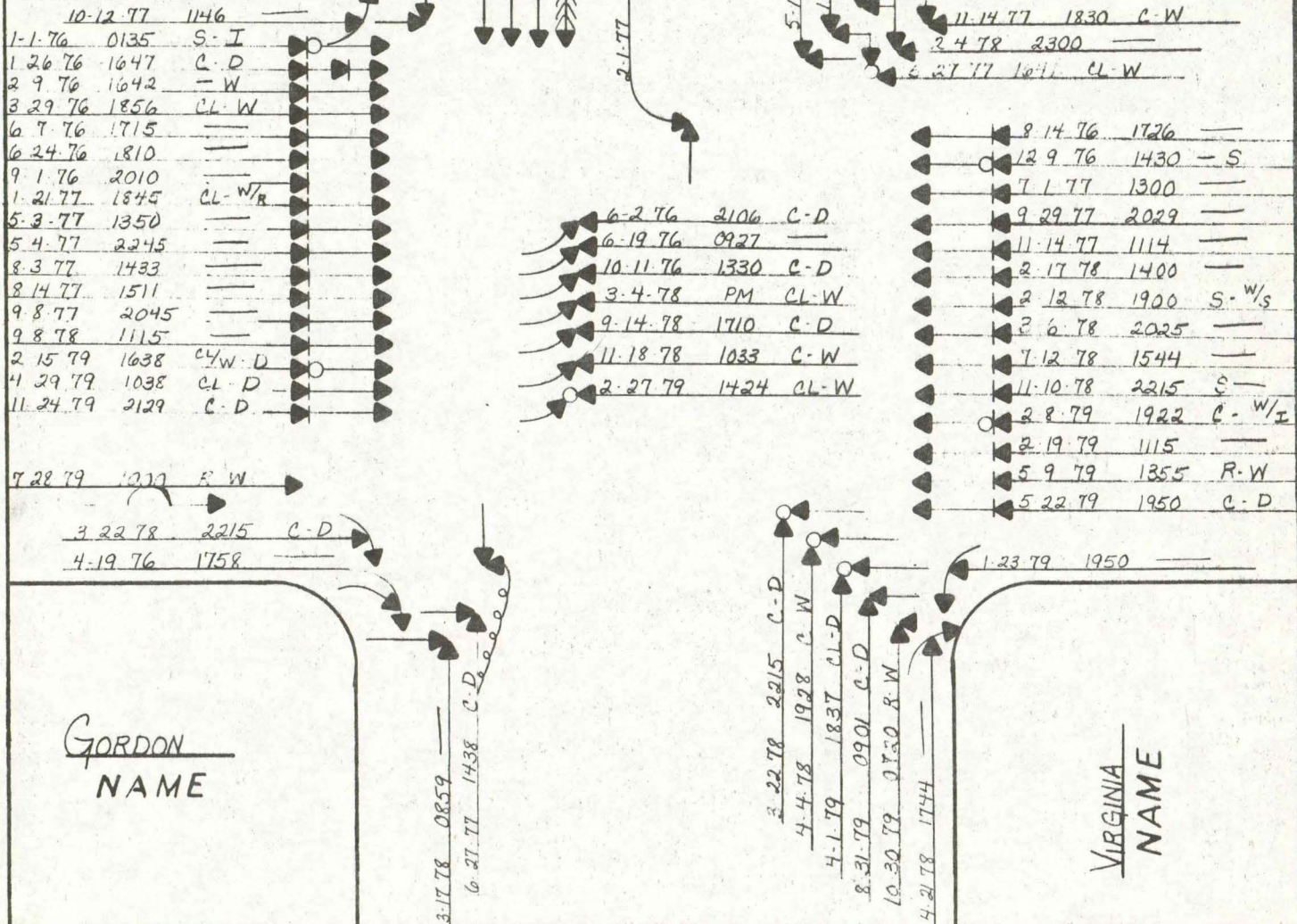
| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 18                         | North ( Southbound )         | 21                        |
| Spring ( March - May ) | 21                         | South ( Northbound )         | 10                        |
| Summer ( June - Aug. ) | 14                         | East ( Westbound )           | 51                        |
| Fall ( Sept. - Nov. )  | <u>13</u>                  | West ( Eastbound )           | <u>54</u>                 |
| <b>Totals</b>          | 66                         | <b>Totals</b>                | 136                       |

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 14                         | 1976                   | 4              |
| Icy                       | 2                          | 1977                   | 3              |
| Wet                       | <u>18</u>                  | 1978                   | 3.8            |
| <b>Totals</b>             | 34                         | 1979                   | <u>3.1</u>     |
|                           |                            | 4 year Average         | 3.5            |

# COLLISION DIAGRAM

INDICATE NORTH BY ARROW



GORDON  
NAME

VIRGINIA  
NAME

| - SYMBOLS - |                  | TYPE OF COLLISION | WEATHER ROAD CONDITIONS |                   |
|-------------|------------------|-------------------|-------------------------|-------------------|
| ←           | MOVING VEHICLE   | ←*←               | REAR END                | C-CLEAR           |
| ←***←       | BACKING VEHICLE  | ←*←               | HEAD ON                 | D-DRY             |
| ←---        | NON-INV. VEHICLE | ←*←               | SIDE SWIPE              | CL-CLOUDY         |
| X---        | PEDESTRIAN       | ←*←               | OUT OF CONTROL          | R-RAIN            |
| □           | PARKED VEHICLE   | ←*←               | LEFT TURN               | S-SNOW            |
| □           | FIXED OBJECT     | ←*←               | RIGHT ANGLE             | SL-SLEET          |
| ●           | FATAL ACCIDENT   |                   |                         | S-SNOW            |
| ○           | INJURY ACCIDENT  |                   |                         | SL-SLUSH          |
|             |                  |                   |                         | F-FOG             |
|             |                  |                   |                         | M-MIST            |
|             |                  |                   |                         | W-HIGHWIND        |
|             |                  |                   |                         | M-MUD             |
|             |                  |                   |                         | O-OTHER (SPECIFY) |

INTERSECTION GORDON DR AND VIRGINIA  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

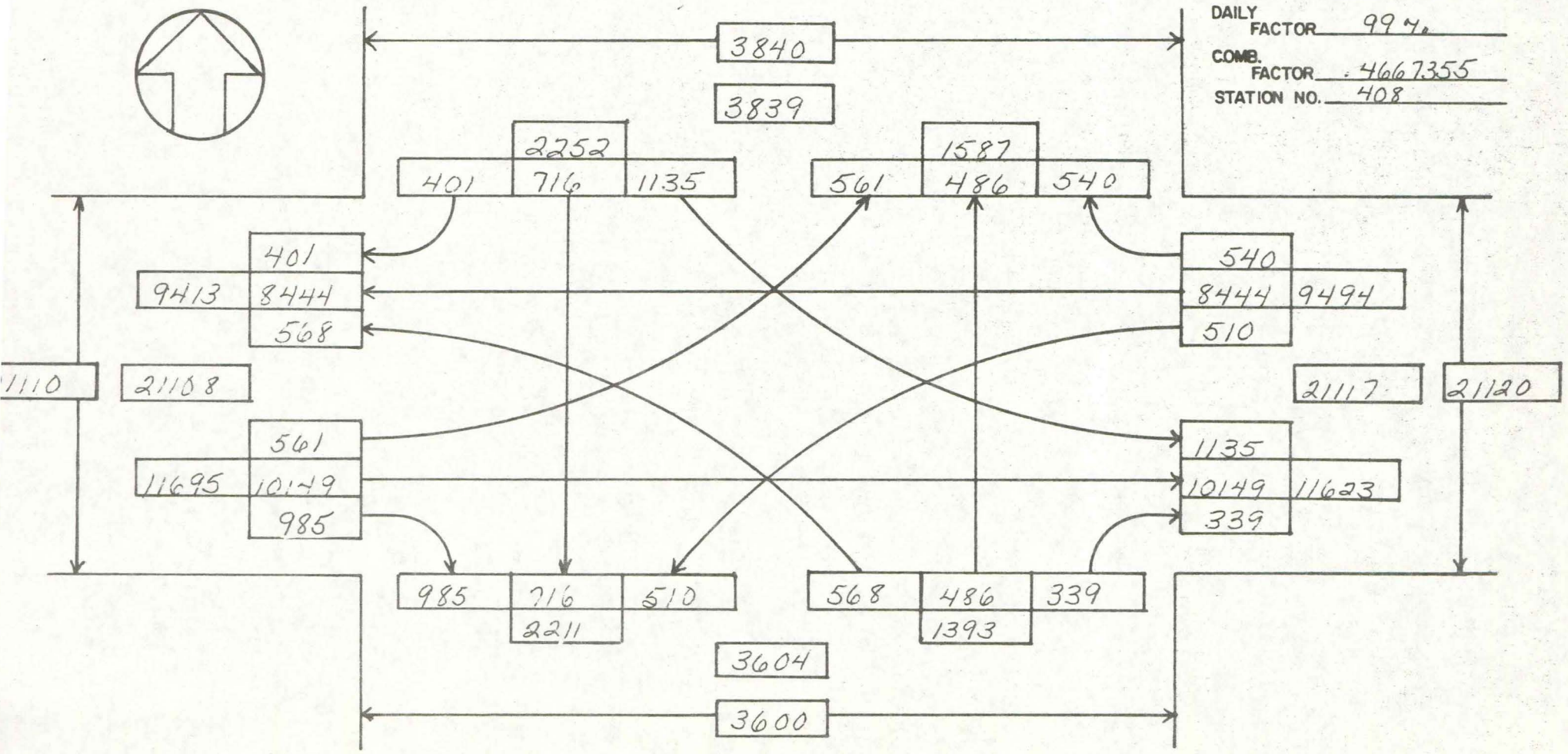
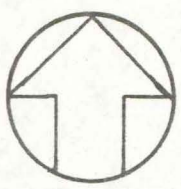
FLOW DIAGRAM

INTERSECTION Gordon Dr. + Virginia St.

DATE 8-13-79 DAY Monday WEATHER Rain

HOURS COUNTED 7-9am; 11-1pm; 3-6pm HOURS SHOWN 24 hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 44.9%  
 MONTHLY FACTOR 105%  
 DAILY FACTOR 99%  
 COMB. FACTOR 4667.355  
 STATION NO. 408



## Accident Summary

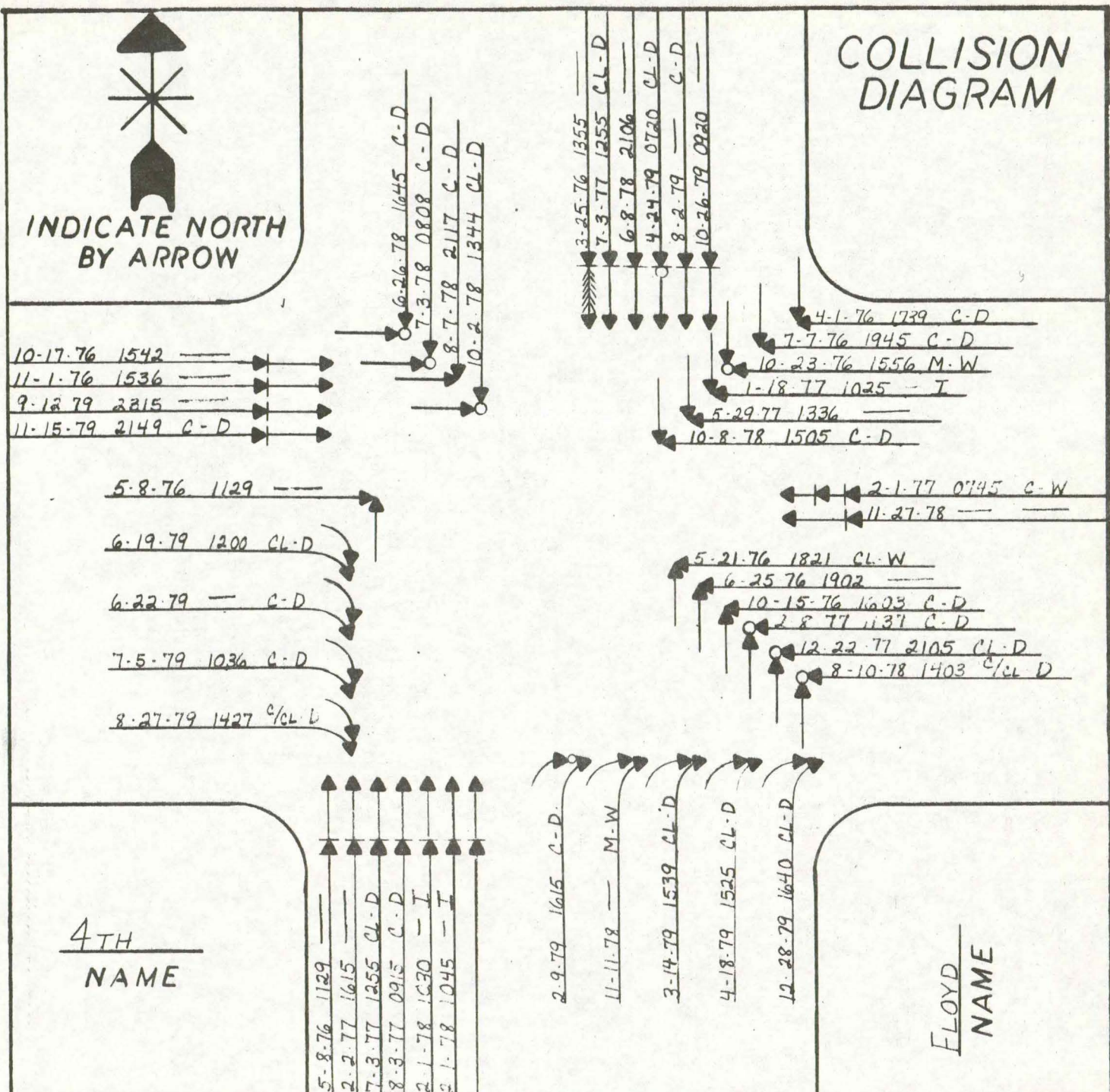
4TH & FLOYD

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">6</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">18</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">19</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">11</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">56</td> </tr> </tbody> </table> | <u>Time of Day</u>             | <u>Number of<br/>Accidents</u> | 6:00 a.m. - 10:00 a.m. | 6  | 10:00 a.m. - 2:00 p.m. | 18 | 2:00 p.m. - 6:00 p.m. | 19       | 6:00 p.m. - 10:00 p.m. | 11        | 10:00 p.m. - 2:00 a.m.  | 2                      | 2:00 a.m. - 6:00 a.m.  | <u>0</u>                     | Totals                        | 56                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">20</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">17</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>18</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">60</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> | Sideswipe          | 0          | Rear End           | 20        | Right Angle | 17  | Left Turn | 5 | Pedestrian | 0 | Other | <u>18</u> | Totals | 60 |
|---|--------------------------------|--------------------------------|------------------------|----|------------------------|----|-----------------------|----------|------------------------|-----------|---|------------------------|--|------------------------------|-------------------------------|----------------------|--|-----------------------|--------------------------------|--------------------|------------|--------------------|-----------|-------------|-----|-----------|---|------------|---|-------|-----------|--------|----|
| <u>Time of Day</u>  | <u>Number of<br/>Accidents</u> |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| 6:00 a.m. - 10:00 a.m.  | 6                              |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| 10:00 a.m. - 2:00 p.m.  | 18                             |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| 2:00 p.m. - 6:00 p.m.   | 19                             |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| 6:00 p.m. - 10:00 p.m.  | 11                             |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| 10:00 p.m. - 2:00 a.m.  | 2                              |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| 2:00 a.m. - 6:00 a.m.   | <u>0</u>                       |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| Totals  | 56                             |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| <u>Accidents Type</u>   | <u>Number of<br/>Accidents</u> |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| Sideswipe   | 0                              |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| Rear End  | 20                             |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| Right Angle   | 17                             |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| Left Turn   | 5                              |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| Pedestrian  | 0                              |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| Other   | <u>18</u>                      |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| Totals  | 60                             |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb.)</td> <td style="text-align: center;">15</td> </tr> <tr> <td>Spring ( March - May)</td> <td style="text-align: center;">12</td> </tr> <tr> <td>Summer ( June - Aug.)</td> <td style="text-align: center;">19</td> </tr> <tr> <td>Fall ( Sept. - Nov.)</td> <td style="text-align: center;"><u>14</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">60</td> </tr> </tbody> </table>  | <u>Time of Year</u>            | <u>Number of<br/>Accidents</u> | Winter ( Dec. - Feb.)  | 15 | Spring ( March - May)  | 12 | Summer ( June - Aug.) | 19       | Fall ( Sept. - Nov.)   | <u>14</u> | Totals  | 60                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of<br/>Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">26</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">38</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">23</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>30</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">117</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> | North ( Southbound ) | 26   | South ( Northbound )  | 38                             | East ( Westbound ) | 23         | West ( Eastbound ) | <u>30</u> | Totals      | 117 |           |   |            |   |       |           |        |    |
| <u>Time of Year</u>   | <u>Number of<br/>Accidents</u> |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| Winter ( Dec. - Feb.)   | 15                             |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| Spring ( March - May)   | 12                             |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| Summer ( June - Aug.)   | 19                             |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| Fall ( Sept. - Nov.)  | <u>14</u>                      |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| Totals  | 60                             |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| <u>Direction of Approach</u>  | <u>Number of<br/>Vehicles</u>  |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| North ( Southbound )  | 26                             |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| South ( Northbound )  | 38                             |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| East ( Westbound )  | 23                             |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| West ( Eastbound )  | <u>30</u>                      |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| Totals  | 117                            |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">30</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>6</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">39</td> </tr> </tbody> </table>   | <u>Pavement Condition</u>      | <u>Number of<br/>Accidents</u> | Dry                    | 30 | Icy                    | 3  | Wet                   | <u>6</u> | Totals                 | 39        | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">3.3</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">4</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">3.3</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>3.5</u></td> </tr> <tr> <td style="text-align: right;">4 year Average</td> <td style="text-align: center;">3.5</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>   | 1976                         | 3.3                           | 1977                 | 4  | 1978                  | 3.3                            | 1979               | <u>3.5</u> | 4 year Average     | 3.5       |             |     |           |   |            |   |       |           |        |    |
| <u>Pavement Condition</u>   | <u>Number of<br/>Accidents</u> |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| Dry   | 30                             |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| Icy   | 3                              |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| Wet   | <u>6</u>                       |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| Totals  | 39                             |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| <u>Injury Severity</u>  | <u>Average</u>                 |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| 1976  | 3.3                            |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| 1977  | 4                              |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| 1978  | 3.3                            |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| 1979  | <u>3.5</u>                     |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |
| 4 year Average  | 3.5                            |                                |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |            |                    |           |             |     |           |   |            |   |       |           |        |    |



# COLLISION DIAGRAM

INDICATE NORTH BY ARROW



4TH  
NAME

FLOYD  
NAME

- SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ◻ PARKED VEHICLE
- ◻ FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←→ SIDE SWIPE
- ←→ OUT OF CONTROL
- ←→ LEFT TURN
- ←→ RIGHT ANGLE

WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION 4TH AND FLOYD  
 PERIOD 4 YEARS : FROM 1976 TO 1979



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM

12-11-77 1713 R-W

3-17-76 1248 C-D  
12-3-76 1448 ---  
2-20-78 1407 ---  
11-16-79 1245 C-D

5-7-76 1920 C-D  
10-7-77 1720 C-W  
8-12-78 1955 ---  
6-26-79 1310 C-D  
8-10-79 1515 C-D

3-30-76 1012 ---  
7-30-76 1101 ---  
11-10-77 2243 ---  
5-26-79 0130 C-D

12-8-78 1100 ---

4TH  
NAME

FLOYD  
NAME

- SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ☐ PARKED VEHICLE
- ☐ FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←wavy OUT OF CONTROL
- ←↪ LEFT TURN
- ↑ RIGHT ANGLE

WEATHER ROAD  
CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION 4TH AND FLOYD  
PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 4TH + FLOYD BLVD

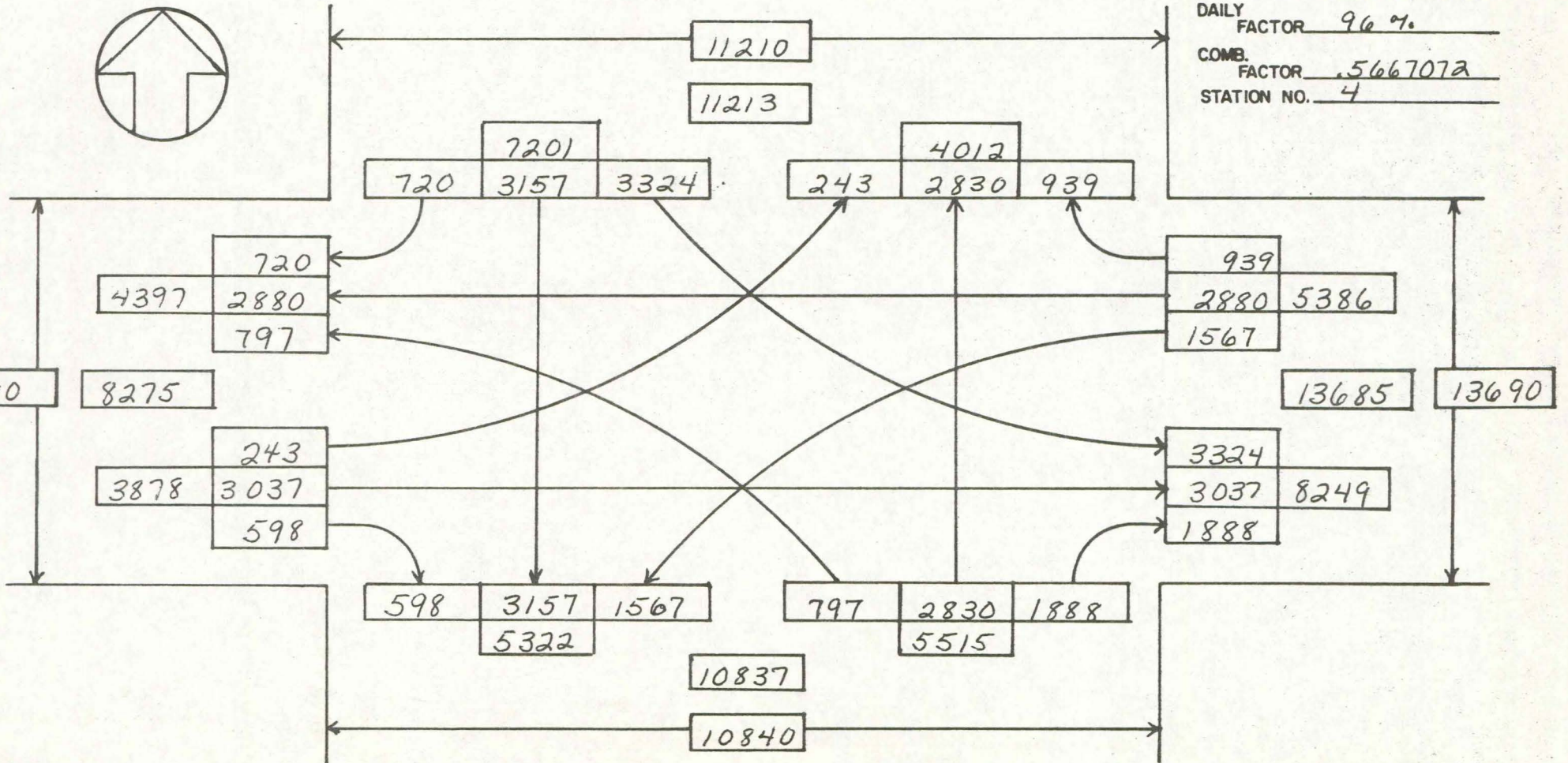
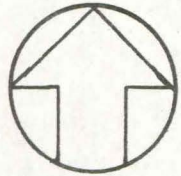
DATE 6-26-79

DAY Tuesday WEATHER clear-sunny

HOURS COUNTED 7-12am; 1-6pm

HOURS SHOWN 24 Hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 62.8%  
 MONTHLY FACTOR 94%  
 DAILY FACTOR 96%  
 COMB. FACTOR .5667072  
 STATION NO. 4



## Accident Summary

5th & Nebraska

| <u>Time of Day</u>     | <u>Number of<br/>Accidents</u> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| 6:00 a.m. - 10:00 a.m. | 7                              | Sideswipe             | 1                              |
| 10:00 a.m. - 2:00 p.m. | 14                             | Rear End              | 25                             |
| 2:00 p.m. - 6:00 p.m.  | 11                             | Right Angle           | 12                             |
| 6:00 p.m. - 10:00 p.m. | 8                              | Left Turn             | 0                              |
| 10:00 p.m. - 2:00 a.m. | 11                             | Pedestrian            | 4                              |
| 2:00 a.m. - 6:00 a.m.  | <u>2</u>                       | Other                 | <u>11</u>                      |
| Totals                 | 53                             | Totals                | 53                             |

| <u>Time of Year</u>    | <u>Number of<br/>Accidents</u> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> |
|------------------------|--------------------------------|------------------------------|-------------------------------|
| Winter ( Dec. - Feb. ) | 14                             | North ( Southbound )         | 0                             |
| Spring ( March - May ) | 12                             | South ( Northbound )         | 37                            |
| Summer ( June - Aug. ) | 15                             | East ( Westbound )           | 0                             |
| Fall ( Sept. - Nov. )  | <u>12</u>                      | West ( Eastbound )           | <u>66</u>                     |
| Totals                 | 53                             | Totals                       | 103                           |

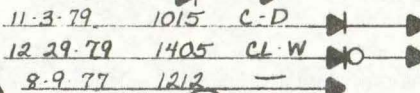
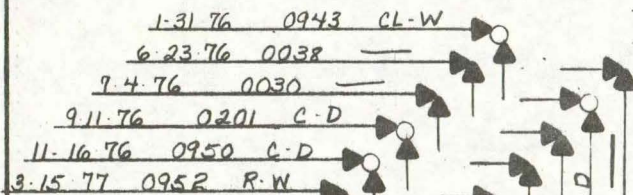
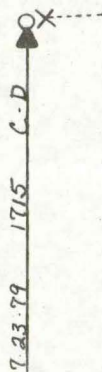
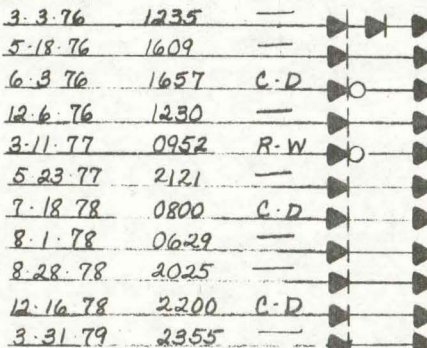
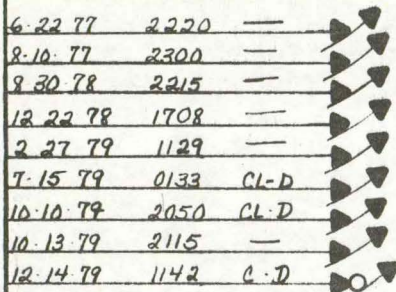
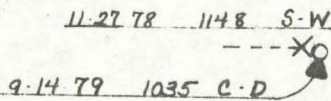
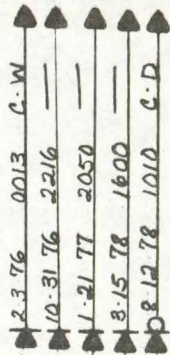
| <u>Pavement Condition</u> | <u>Number of<br/>Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|--------------------------------|------------------------|----------------|
| Dry                       | 18                             | 1976                   | 3.5            |
| Icy                       | 0                              | 1977                   | 4              |
| Wet                       | <u>7</u>                       | 1978                   | 3.7            |
| Totals                    | 25                             | 1979                   | <u>3</u>       |
|                           |                                | 4 year Average         | 3.5            |



INDICATE NORTH  
BY ARROW

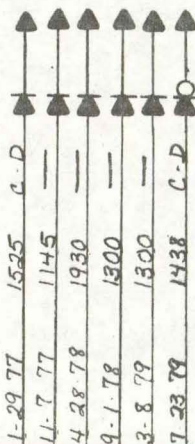
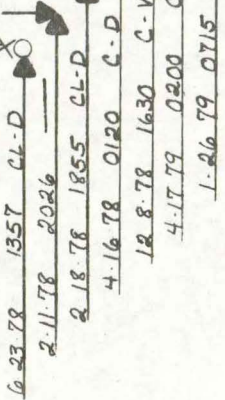
# COLLISION DIAGRAM

ONE WAY  
↑



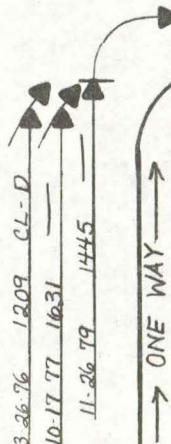
ONE WAY →

5TH  
NAME



ONE WAY →

NEBRASKA  
NAME



ONE WAY →

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ☐ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←+ REAR END
- ←X HEAD ON
- ←V SIDE SWIPE
- ←eee OUT OF CONTROL
- ←/ LEFT TURN
- ←\ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 5TH AND NEBRASKA  
 PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 5th + Nebraska Sts

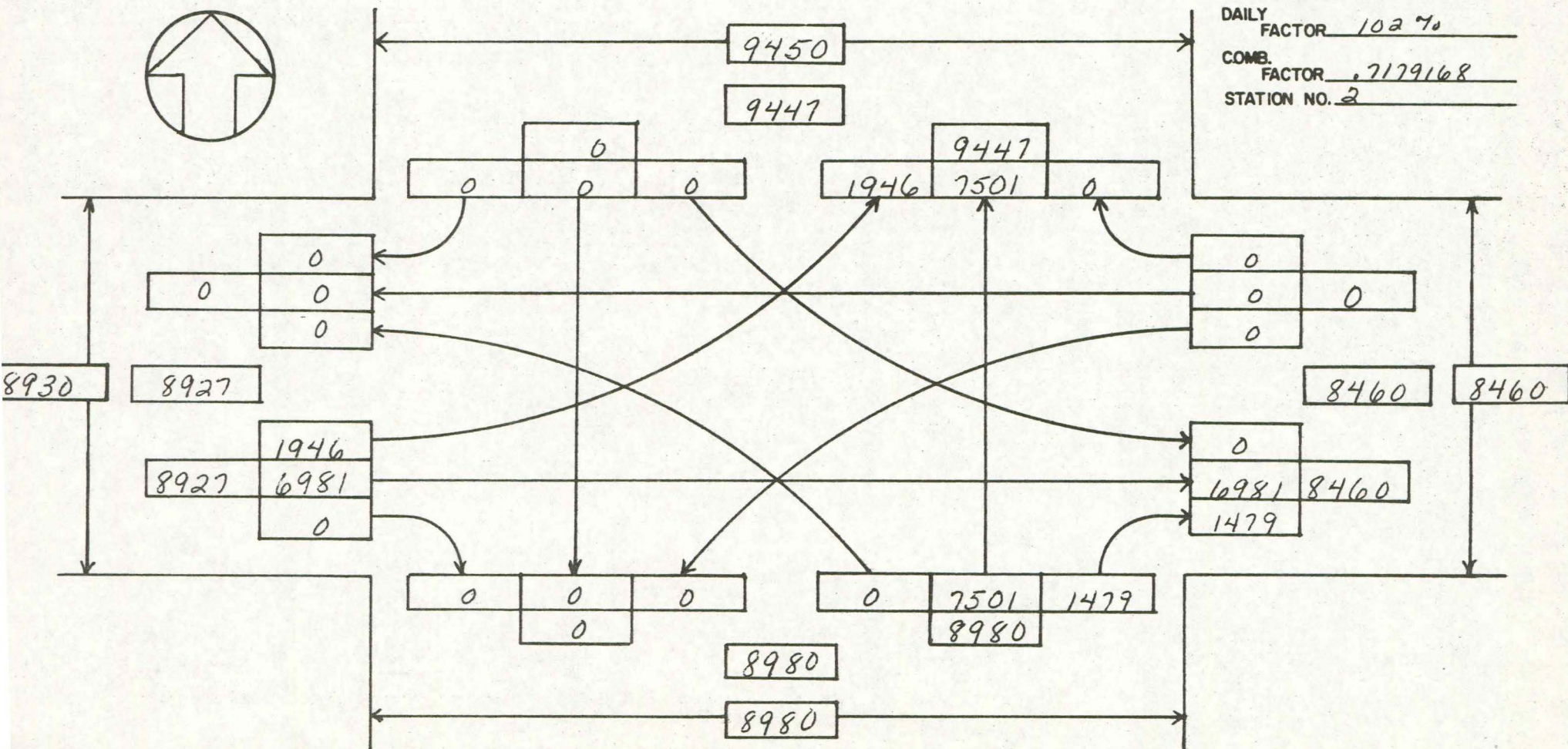
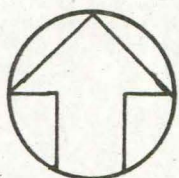
DATE 6.29.79

DAY Monday WEATHER cloudy

HOURS COUNTED 7-12am; 3-6pm

HOURS SHOWN 24 Hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 66.4%  
 MONTHLY FACTOR 106%  
 DAILY FACTOR 102%  
 COMB. FACTOR .7179168  
 STATION NO. 2



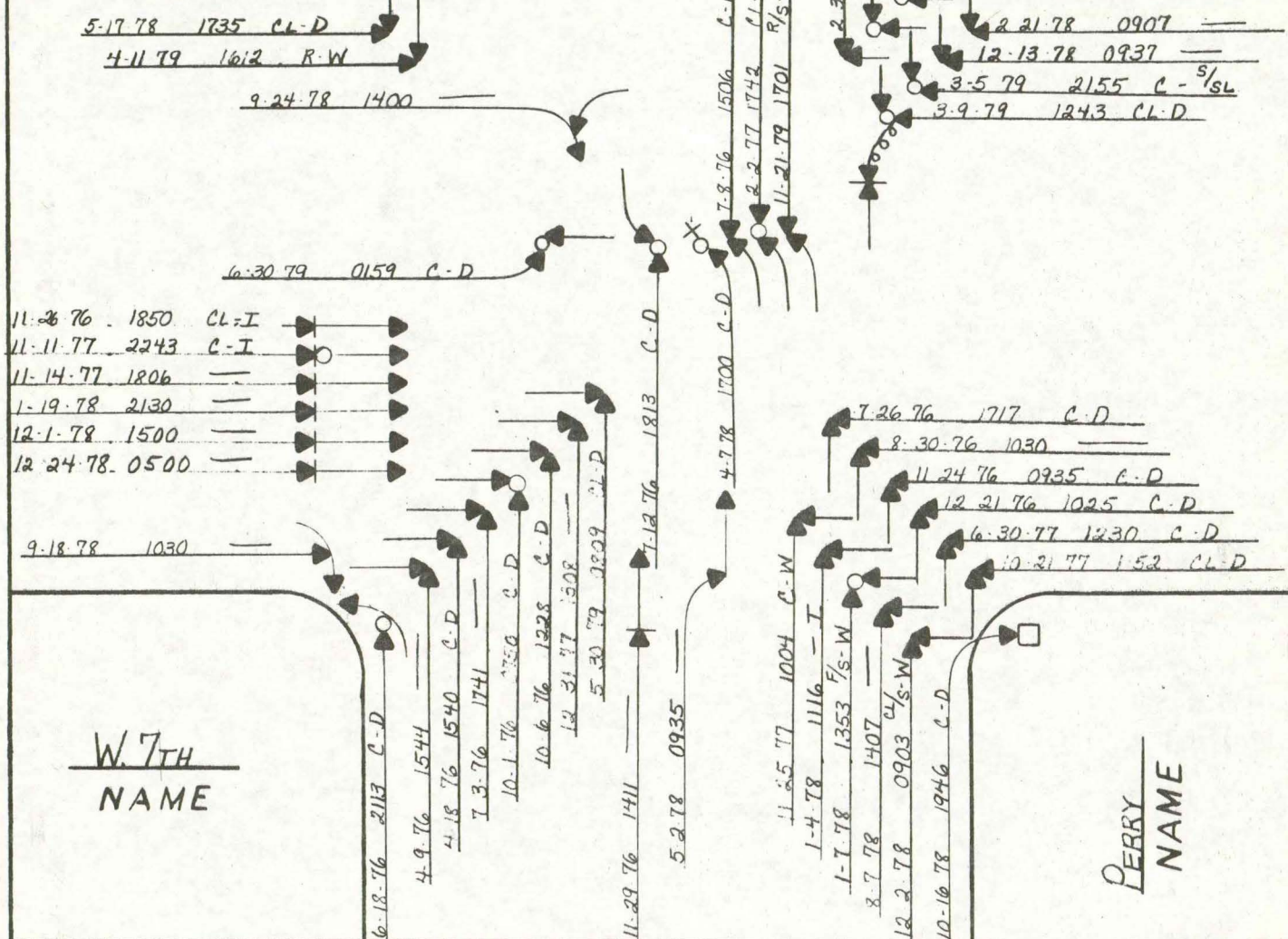
## Accident Summary

W. 7th & Perry

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">9</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">12</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">14</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">8</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>1</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">46</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 9  | 10:00 a.m. - 2:00 p.m. | 12 | 2:00 p.m. - 6:00 p.m.  | 14       | 6:00 p.m. - 10:00 p.m. | 8         | 10:00 p.m. - 2:00 a.m.  | 2                      | 2:00 a.m. - 6:00 a.m.   | <u>1</u>                     | <b>Totals</b>             | 46                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">7</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">27</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>6</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">46</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0          | Rear End              | 7         | Right Angle   | 27 | Left Turn | 5 | Pedestrian | 1 | Other | <u>6</u> | <b>Totals</b> | 46 |
|--|----------------------------|----------------------------|------------------------|----|------------------------|----|------------------------|----------|------------------------|-----------|---|------------------------|---|------------------------------|---------------------------|----------------------|--|-----------------------|----------------------------|--------------------|------------|-----------------------|-----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.   | 9                          |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.   | 12                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.  | 14                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.   | 8                          |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.   | 2                          |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.  | <u>1</u>                   |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 46                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Sideswipe  | 0                          |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Rear End   | 7                          |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Right Angle  | 27                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Left Turn  | 5                          |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Pedestrian   | 1                          |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Other  | <u>6</u>                   |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 46                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">13</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">9</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">10</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;"><u>14</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">46</td> </tr> </tbody> </table>  | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb. ) | 13 | Spring ( March - May ) | 9  | Summer ( June - Aug. ) | 10       | Fall ( Sept. - Nov. )  | <u>14</u> | <b>Totals</b>   | 46                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">14</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">31</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">21</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>25</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">91</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 14   | South ( Northbound )  | 31                         | East ( Westbound ) | 21         | West ( Eastbound )    | <u>25</u> | <b>Totals</b> | 91 |           |   |            |   |       |          |               |    |
| <u>Time of Year</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb. )   | 13                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May )   | 9                          |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug. )   | 10                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov. )  | <u>14</u>                  |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 46                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>   | <u>Number of Vehicles</u>  |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )   | 14                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )   | 31                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )   | 21                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )   | <u>25</u>                  |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 91                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">22</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">4</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>5</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">31</td> </tr> </tbody> </table>  | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 22 | Icy                    | 4  | Wet                    | <u>5</u> | <b>Totals</b>          | 31        | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">4</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">3.5</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">3</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>3.3</u></td> </tr> <tr> <td><b>4 year Average</b></td> <td style="text-align: center;">3.5</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>  | 1976                         | 4                         | 1977                 | 3.5  | 1978                  | 3                          | 1979               | <u>3.3</u> | <b>4 year Average</b> | 3.5       |               |    |           |   |            |   |       |          |               |    |
| <u>Pavement Condition</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Dry  | 22                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Icy  | 4                          |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Wet  | <u>5</u>                   |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 31                         |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>   | <u>Average</u>             |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| 1976   | 4                          |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| 1977   | 3.5                        |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| 1978   | 3                          |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| 1979   | <u>3.3</u>                 |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| <b>4 year Average</b>  | 3.5                        |                            |                        |    |                        |    |                        |          |                        |           |   |                        |   |                              |                           |                      |  |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |

# COLLISION DIAGRAM

INDICATE NORTH BY ARROW



W. 7TH  
NAME

PERRY  
NAME

| - SYMBOLS -  | TYPE OF COLLISION  | WEATHER ROAD CONDITIONS  |
|--|--|--|
| <ul style="list-style-type: none"> <li>← MOVING VEHICLE</li> <li>←←← BACKING VEHICLE</li> <li>← - - - NON-INV. VEHICLE</li> <li>X - - - PEDESTRIAN</li> <li>▣ PARKED VEHICLE</li> <li>□ FIXED OBJECT</li> <li>● FATAL ACCIDENT</li> <li>○ INJURY ACCIDENT</li> </ul> | <ul style="list-style-type: none"> <li>←← REAR END</li> <li>←→ HEAD ON</li> <li>←↘ SIDE SWIPE</li> <li>← eeee OUT OF CONTROL</li> <li>←↙ LEFT TURN</li> <li>↗ RIGHT ANGLE</li> </ul> | <ul style="list-style-type: none"> <li>C-CLEAR</li> <li>CL-CLOUDY</li> <li>R-RAIN</li> <li>S-SNOW</li> <li>SL-SLEET</li> <li>F-FOG</li> <li>M-MIST</li> <li>W-HIGHWIND</li> <li>D-DRY</li> <li>W-WET</li> <li>S-SNOW</li> <li>I-ICE</li> <li>SL-SLUSH</li> <li>M-MUD</li> <li>O-OTHER (SPECIFY)</li> </ul> |

INTERSECTION W. 7TH AND PERRY  
 PERIOD 4 YEARS : FROM 1976 TO 1979



TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION W 7th + Perry Sts.

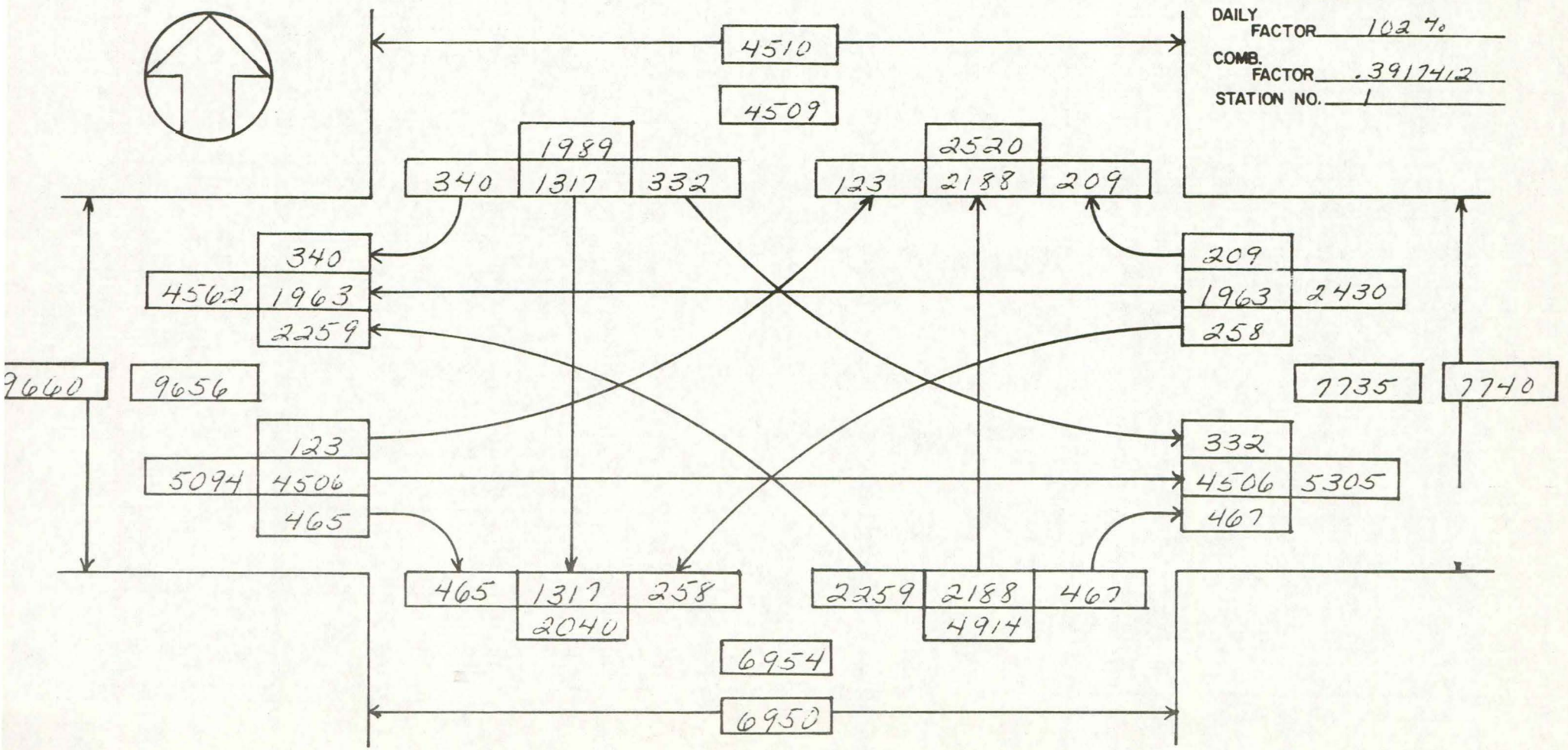
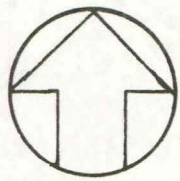
DATE 6-4-80

DAY Wednesday WEATHER cloudy-rain P.M.

HOURS COUNTED 7-11am; 3-5pm

HOURS SHOWN 24 Hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 34.6%  
 MONTHLY FACTOR 111%  
 DAILY FACTOR 102%  
 COMB. FACTOR .3917412  
 STATION NO. 1



### Accident Summary

W. 19TH & PAUL & RIVERSIDE

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 4                          | Sideswipe             | 0                          |
| 10:00 a.m. - 2:00 p.m. | 5                          | Rear End              | 10                         |
| 2:00 p.m. - 6:00 p.m.  | 12                         | Right Angle           | 4                          |
| 6:00 p.m. - 10:00 p.m. | 9                          | Left Turn             | 11                         |
| 10:00 p.m. - 2:00 a.m. | 4                          | Pedestrian            | 1                          |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   | Other                 | <u>8</u>                   |
| <b>Totals</b>          | 34                         | <b>Totals</b>         | 34                         |

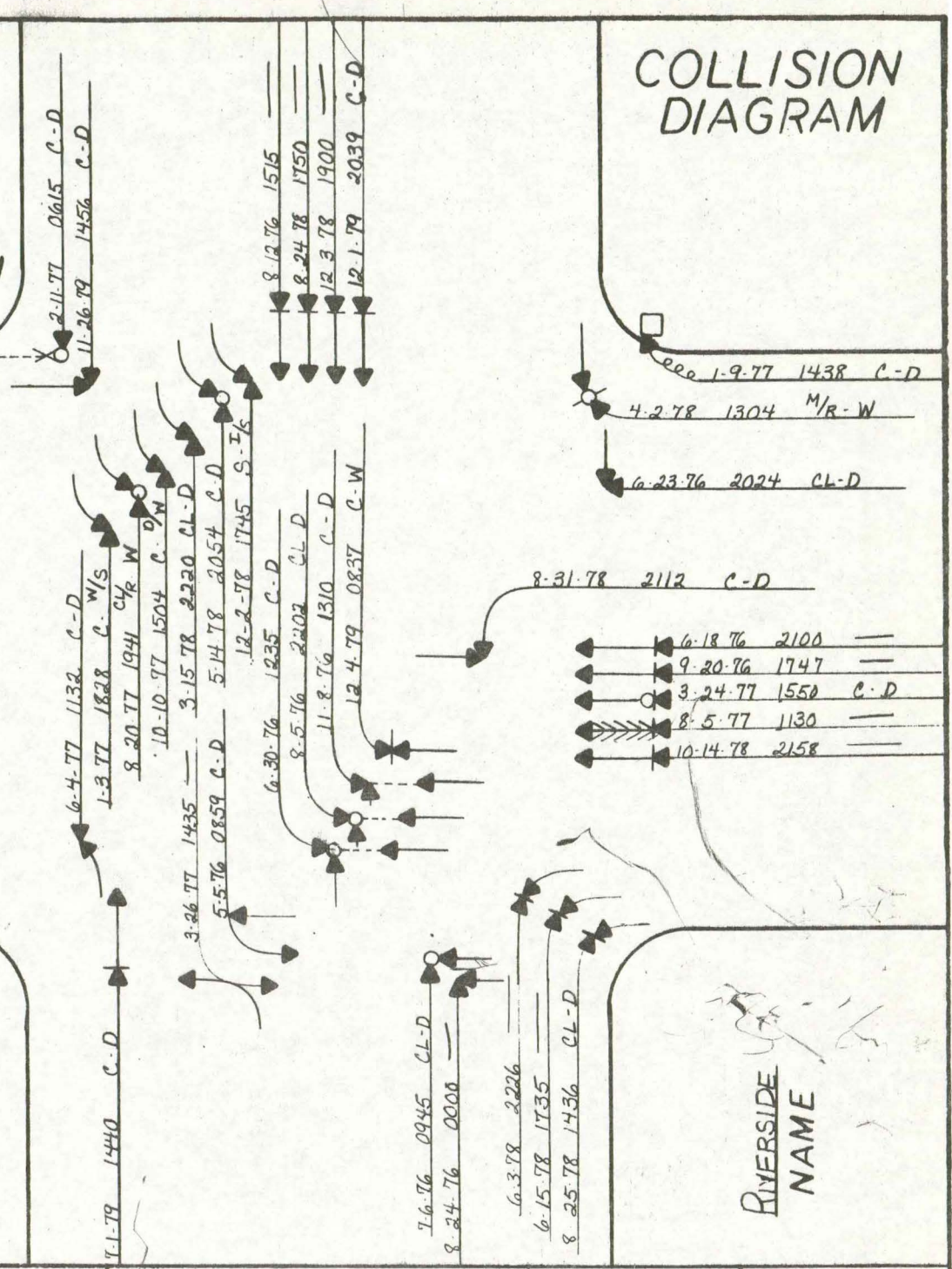
| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 9                          | North ( Southbound )         | 25                        |
| Spring ( March - May ) | 8                          | South ( Northbound )         | 18                        |
| Summer ( June - Aug. ) | 13                         | East ( Westbound )           | 24                        |
| Fall ( Sept. - Nov. )  | <u>4</u>                   | West ( Eastbound )           | <u>2</u>                  |
| <b>Totals</b>          | 34                         | <b>Totals</b>                | 69                        |

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 18                         | 1976                   | 3.6            |
| Icy                       | 5                          | 1977                   | 3              |
| Wet                       | <u>1</u>                   | 1978                   | 3.5            |
| <b>Totals</b>             | 24                         | 1979                   | <u>0</u>       |
|                           |                            | 4 year Average         | 3.4            |

# COLLISION DIAGRAM

INDICATE NORTH BY ARROW



W. 19TH - PAUL  
NAME

RIVERSIDE  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ☐ PARKED VEHICLE
- ☐ FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←→ REAR END
- ←→ HEAD ON
- ←→ SIDE SWIPE
- ←→ OUT OF CONTROL
- ←→ LEFT TURN
- ←→ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION W. 19TH - PAUL AND RIVERSIDE BLVD  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION W. 19th (Paul) + Riverside Blvd.

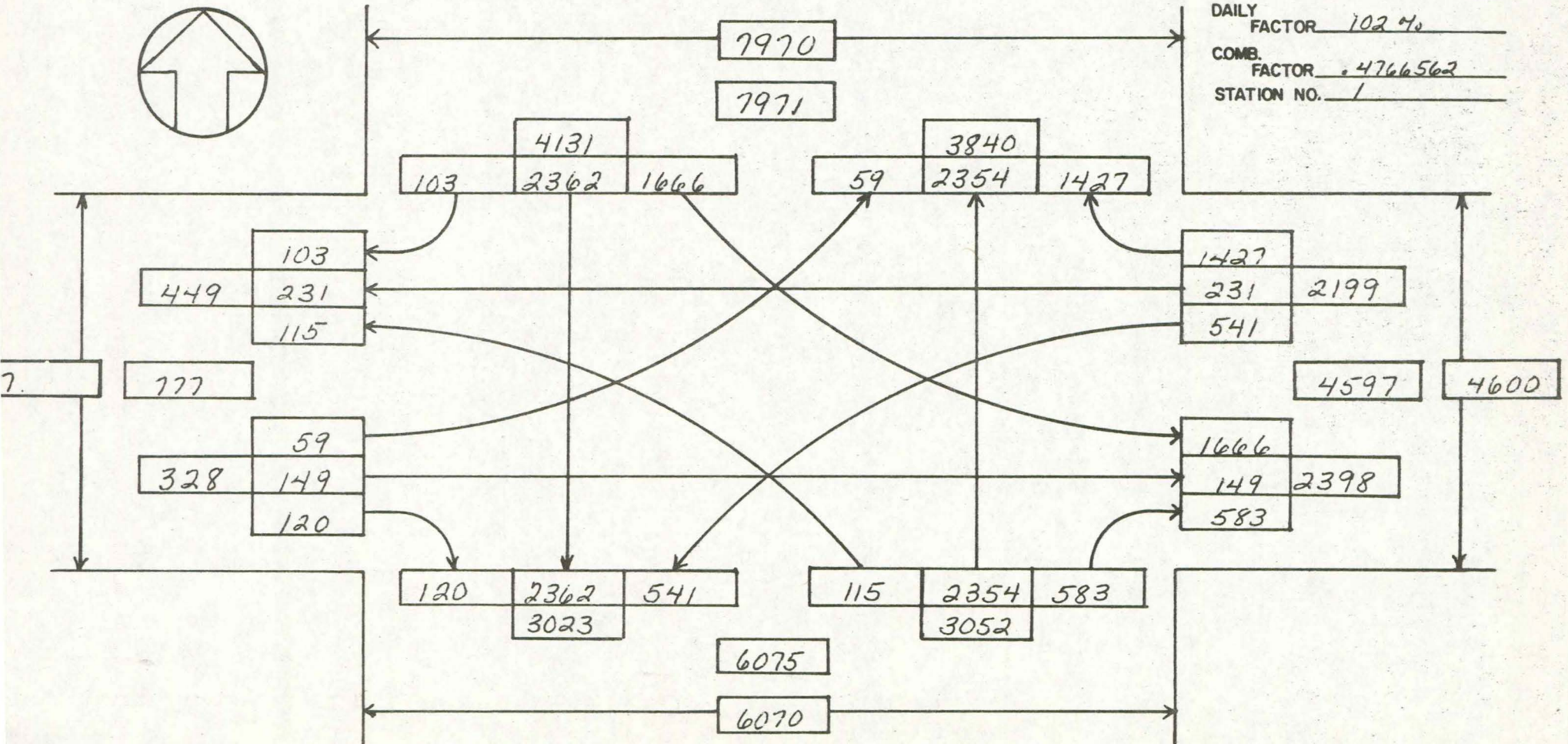
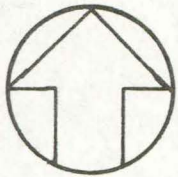
DATE 6-18-80

DAY Wednesday WEATHER sunny

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 Hrs. factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 42.1%  
 MONTHLY FACTOR 111%  
 DAILY FACTOR 102%  
 COMB. FACTOR .4766562  
 STATION NO. 1



### Accident Summary

Gordon Dr. & Nebraska

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 9                          | Sideswipe             | 10                         |
| 10:00 a.m. - 2:00 p.m. | 10                         | Rear End              | 33                         |
| 2:00 p.m. - 6:00 p.m.  | 30                         | Right Angle           | 20                         |
| 6:00 p.m. - 10:00 p.m. | 17                         | Left Turn             | 1                          |
| 10:00 p.m. - 2:00 a.m. | 7                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>2</u>                   | Other                 | <u>12</u>                  |
| <b>Totals</b>          | 75                         | <b>Totals</b>         | 76                         |

| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 19                         | North ( Southbound )         | 0                         |
| Spring ( March - May ) | 16                         | South ( Northbound )         | 93                        |
| Summer ( June - Aug. ) | 25                         | East ( Westbound )           | 42                        |
| Fall ( Sept. - Nov. )  | <u>16</u>                  | West ( Eastbound )           | <u>21</u>                 |
| <b>Totals</b>          | 76                         | <b>Totals</b>                | 156                       |

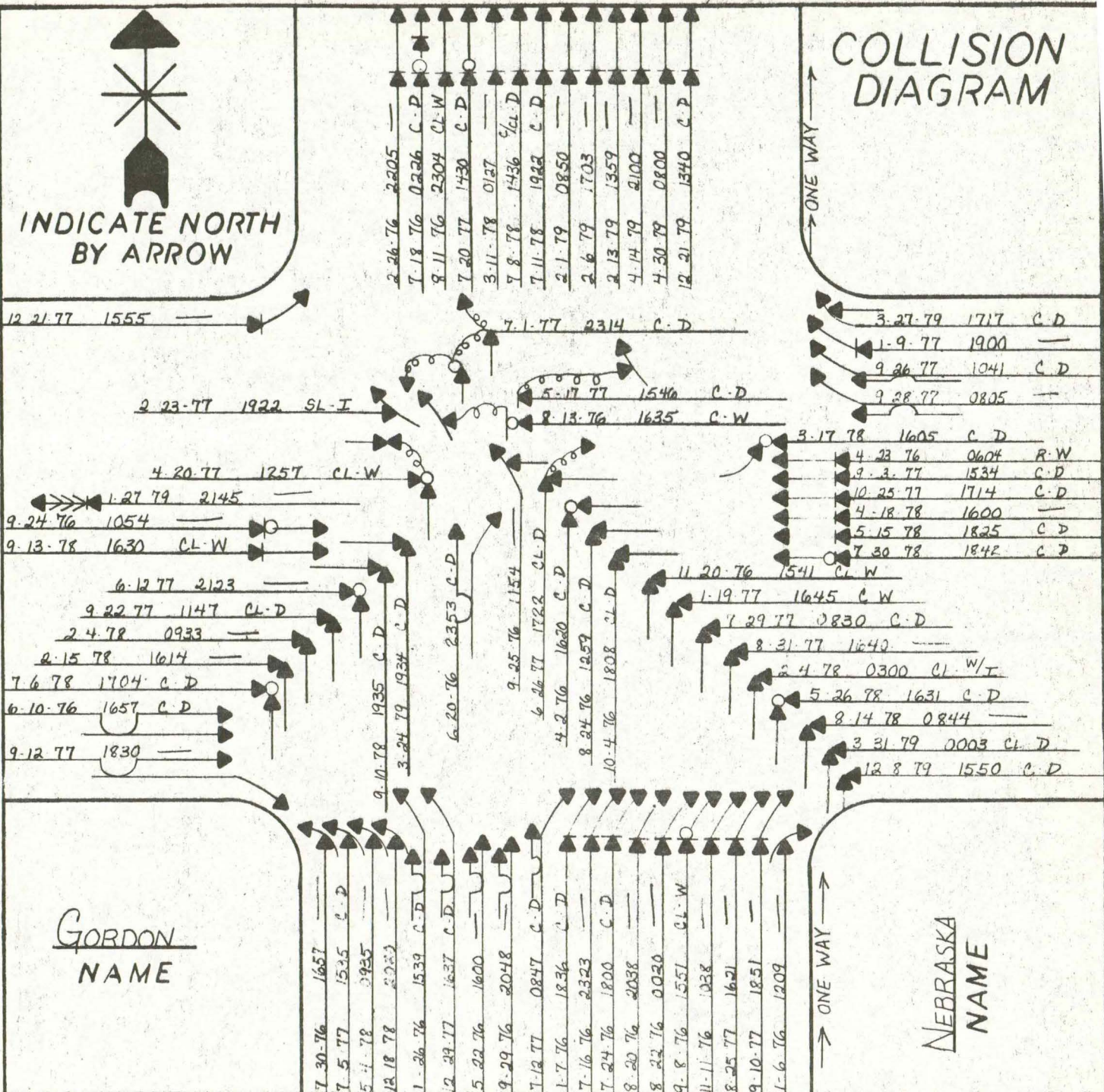
| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 33                         | 1976                   | 4              |
| Icy                       | 2                          | 1977                   | 3              |
| Wet                       | <u>9</u>                   | 1978                   | 3.3            |
| <b>Totals</b>             | 44                         | 1979                   | <u>4</u>       |
|                           |                            | 4 year Average         | 3.6            |



INDICATE NORTH BY ARROW

# COLLISION DIAGRAM

ONE WAY



| - SYMBOLS - |                  | TYPE OF COLLISION | WEATHER ROAD CONDITIONS |
|-------------|------------------|-------------------|-------------------------|
|             | MOVING VEHICLE   |                   | REAR END                |
|             | BACKING VEHICLE  |                   | HEAD ON                 |
|             | NON-INV. VEHICLE |                   | SIDE SWIPE              |
|             | PEDESTRIAN       |                   | OUT OF CONTROL          |
|             | PARKED VEHICLE   |                   | LEFT TURN               |
|             | FIXED OBJECT     |                   | RIGHT ANGLE             |
|             | FATAL ACCIDENT   |                   |                         |
|             | INJURY ACCIDENT  |                   |                         |
|             |                  |                   | C-CLEAR                 |
|             |                  |                   | D-DRY                   |
|             |                  |                   | CL-CLOUDY               |
|             |                  |                   | W-WET                   |
|             |                  |                   | R-RAIN                  |
|             |                  |                   | S-SNOW                  |
|             |                  |                   | I-ICE                   |
|             |                  |                   | SL-SLEET                |
|             |                  |                   | SL-SLUSH                |
|             |                  |                   | F-FOG                   |
|             |                  |                   | M-MUD                   |
|             |                  |                   | M-MIST                  |
|             |                  |                   | W-HIGH WIND             |
|             |                  |                   | O-OTHER (SPECIFY)       |

INTERSECTION GORDON DR AND NEBRASKA  
 PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION Gordon Dr. \* Nebraska St

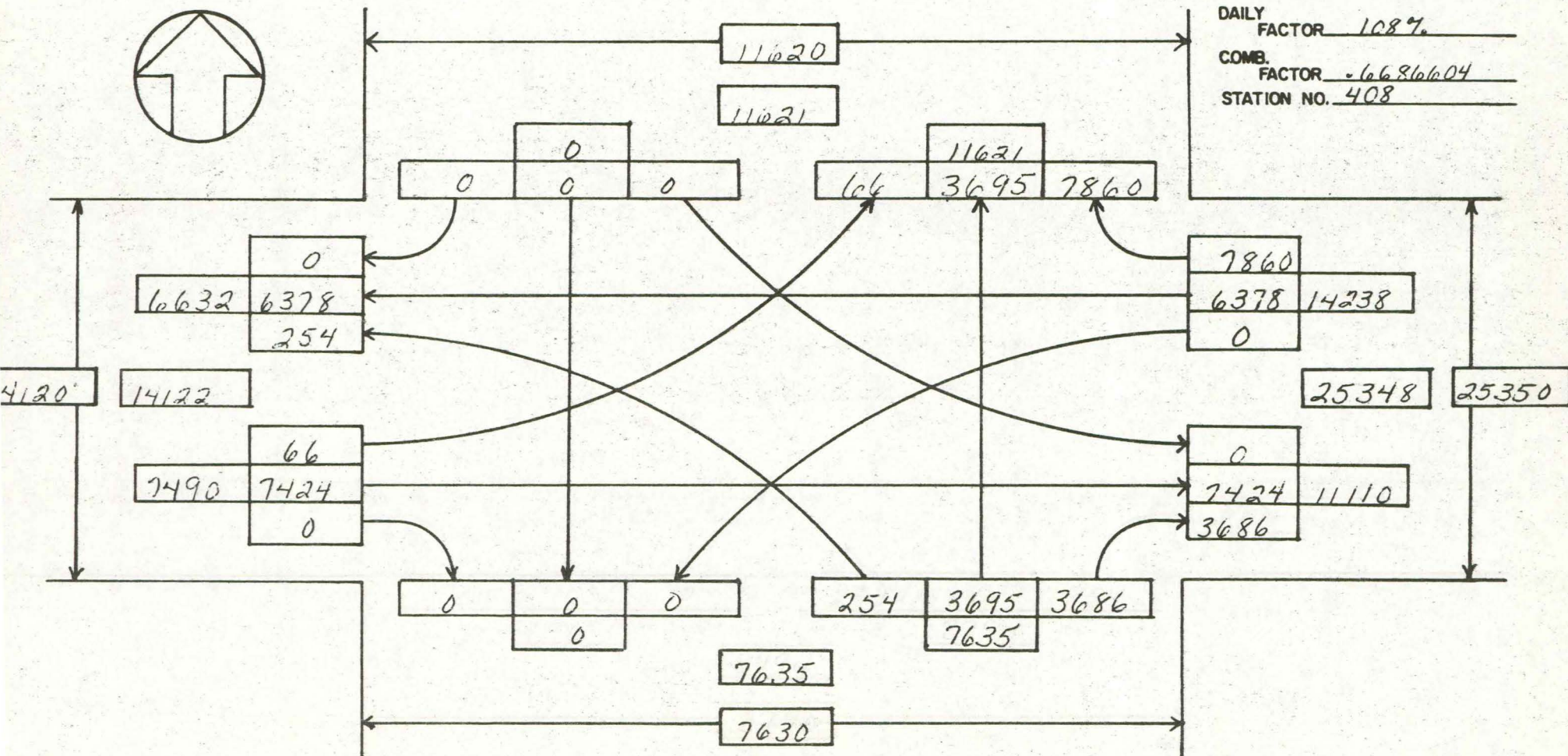
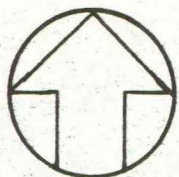
DATE 7-24-79

DAY Tuesday WEATHER clear + sunny

HOURS COUNTED 7-12am; 1-6pm

HOURS SHOWN 24 hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 61.3%  
 MONTHLY FACTOR 101%  
 DAILY FACTOR 108%  
 COMB. FACTOR 66.86604  
 STATION NO. 408



## Accident Summary

GORDON & FAIRMONT

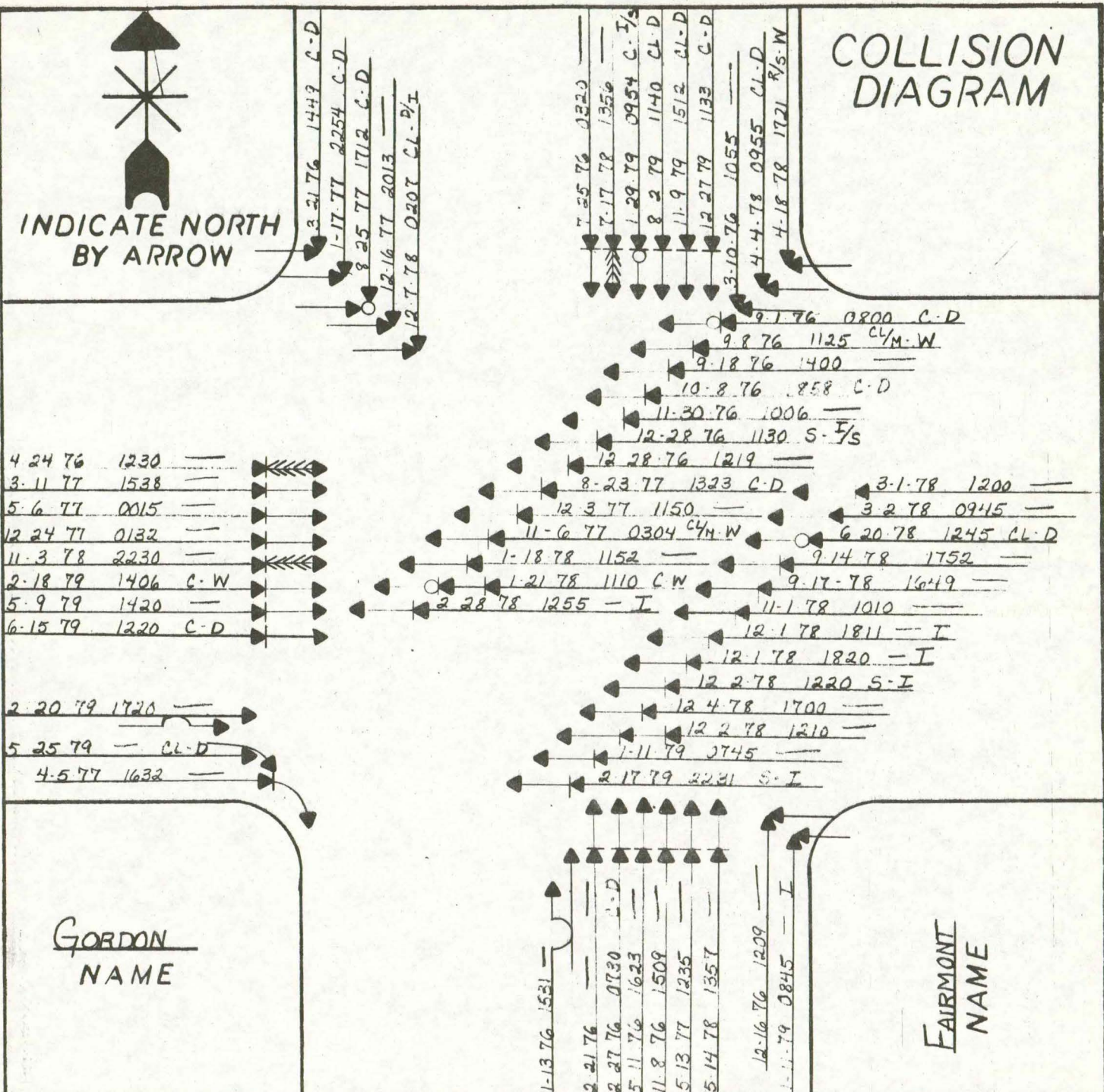
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">10</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">26</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">22</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">7</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">5</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>4</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>74</b></td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 10 | 10:00 a.m. - 2:00 p.m. | 26 | 2:00 p.m. - 6:00 p.m.  | 22       | 6:00 p.m. - 10:00 p.m. | 7         | 10:00 p.m. - 2:00 a.m.   | 5                      | 2:00 a.m. - 6:00 a.m.   | <u>4</u>                     | <b>Totals</b>             | <b>74</b>            | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">47</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">12</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>11</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>76</b></td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 3        | Rear End              | 47         | Right Angle   | 12         | Left Turn | 3 | Pedestrian | 0 | Other | <u>11</u> | <b>Totals</b> | <b>76</b> |
|--|----------------------------|----------------------------|------------------------|----|------------------------|----|------------------------|----------|------------------------|-----------|--|------------------------|---|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|----------|-----------------------|------------|---------------|------------|-----------|---|------------|---|-------|-----------|---------------|-----------|
| <u>Time of Day</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| 6:00 a.m. - 10:00 a.m.   | 10                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| 10:00 a.m. - 2:00 p.m.   | 26                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| 2:00 p.m. - 6:00 p.m.  | 22                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| 6:00 p.m. - 10:00 p.m.   | 7                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| 10:00 p.m. - 2:00 a.m.   | 5                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| 2:00 a.m. - 6:00 a.m.  | <u>4</u>                   |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| <b>Totals</b>  | <b>74</b>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| <u>Accidents Type</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| Sideswipe  | 3                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| Rear End   | 47                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| Right Angle  | 12                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| Left Turn  | 3                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| Pedestrian   | 0                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| Other  | <u>11</u>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| <b>Totals</b>  | <b>76</b>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
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| <u>Time of Year</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| Winter ( Dec. - Feb. )   | 34                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| Spring ( March - May )   | 17                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| Summer ( June - Aug. )   | 8                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| Fall ( Sept. - Nov. )  | <u>17</u>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| <b>Totals</b>  | <b>76</b>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| <u>Direction of Approach</u>   | <u>Number of Vehicles</u>  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| North ( Southbound )   | 29                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| South ( Northbound )   | 21                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| East ( Westbound )   | 72                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| West ( Eastbound )   | <u>35</u>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| <b>Totals</b>  | <b>157</b>                 |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">14</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">9</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>5</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>28</b></td> </tr> </tbody> </table>   | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 14 | Icy                    | 9  | Wet                    | <u>5</u> | <b>Totals</b>          | <b>28</b> | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">4</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">3.5</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">3.5</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>4</u></td> </tr> <tr> <td><b>4 year Average</b></td> <td style="text-align: center;"><b>3.8</b></td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>  | 1976                         | 4                         | 1977                 | 3.5   | 1978                  | 3.5                        | 1979               | <u>4</u> | <b>4 year Average</b> | <b>3.8</b> |               |            |           |   |            |   |       |           |               |           |
| <u>Pavement Condition</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| Dry  | 14                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| Icy  | 9                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| Wet  | <u>5</u>                   |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| <b>Totals</b>  | <b>28</b>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| <u>Injury Severity</u>   | <u>Average</u>             |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| 1976   | 4                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| 1977   | 3.5                        |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| 1978   | 3.5                        |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| 1979   | <u>4</u>                   |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |
| <b>4 year Average</b>  | <b>3.8</b>                 |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |            |           |   |            |   |       |           |               |           |



# COLLISION DIAGRAM



INDICATE NORTH BY ARROW



## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

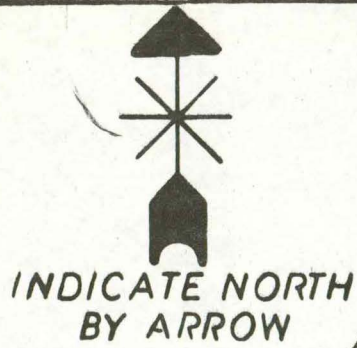
## TYPE OF COLLISION

- ←+← REAR END
- ←+ HEAD ON
- ←+ SIDE SWIPE
- ←+ OUT OF CONTROL
- ←+ LEFT TURN
- ←+ RIGHT ANGLE

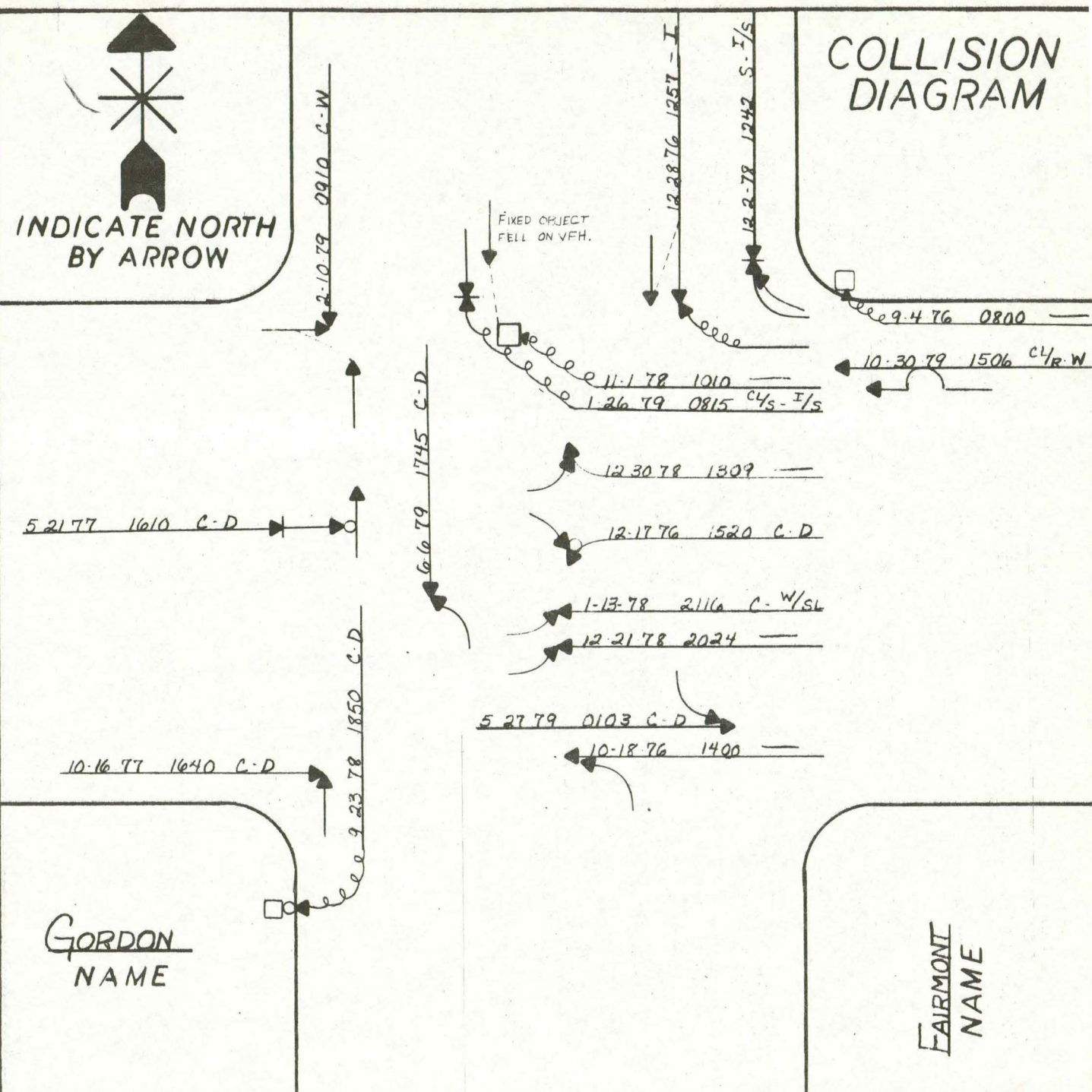
## WEATHER ROAD CONDITIONS

- |            |                   |
|------------|-------------------|
| C-CLEAR    | D-DRY             |
| CL-CLOUDY  | W-WET             |
| R-RAIN     | S-SNOW            |
| S-SNOW     | I-ICE             |
| SL-SLEET   | SL-SLUSH          |
| F-FOG      | M-MUD             |
| M-MIST     | O-OTHER (SPECIFY) |
| W-HIGHWIND |                   |

INTERSECTION GORDON DR AND So FAIRMONT  
 PERIOD 4 YEARS : FROM 1976 TO 1979



# COLLISION DIAGRAM



| - SYMBOLS - |                  | TYPE OF COLLISION | WEATHER ROAD CONDITIONS |
|-------------|------------------|-------------------|-------------------------|
| ←           | MOVING VEHICLE   | ←K←               | REAR END                |
| ←←←←        | BACKING VEHICLE  | ←X←               | HEAD ON                 |
| ←---        | NON-INV. VEHICLE | ←V←               | SIDE SWIPE              |
| X---        | PEDESTRIAN       | ←eee←             | OUT OF CONTROL          |
| ▣           | PARKED VEHICLE   | ←↘←               | LEFT TURN               |
| □           | FIXED OBJECT     | ↗←                | RIGHT ANGLE             |
| ●           | FATAL ACCIDENT   |                   |                         |
| ○           | INJURY ACCIDENT  |                   |                         |
|             |                  |                   | C-CLEAR                 |
|             |                  |                   | CL-CLOUDY               |
|             |                  |                   | R-RAIN                  |
|             |                  |                   | S-SNOW                  |
|             |                  |                   | SL-SLEET                |
|             |                  |                   | F-FOG                   |
|             |                  |                   | M-MIST                  |
|             |                  |                   | W-HIGHWIND              |
|             |                  |                   | D-DRY                   |
|             |                  |                   | W-WET                   |
|             |                  |                   | S-SNOW                  |
|             |                  |                   | I-ICE                   |
|             |                  |                   | SL-SLUSH                |
|             |                  |                   | M-MUD                   |
|             |                  |                   | O-OTHER (SPECIFY)       |

INTERSECTION GORDON DR AND So. FAIRMONT  
 PERIOD 4 YEARS : FROM 1976 TO 1979

# VEHICLE VOLUME COUNT

## FLOW DIAGRAM

INTERSECTION Gordon Dr. \* Fairmont St.

DATE 7-20-79

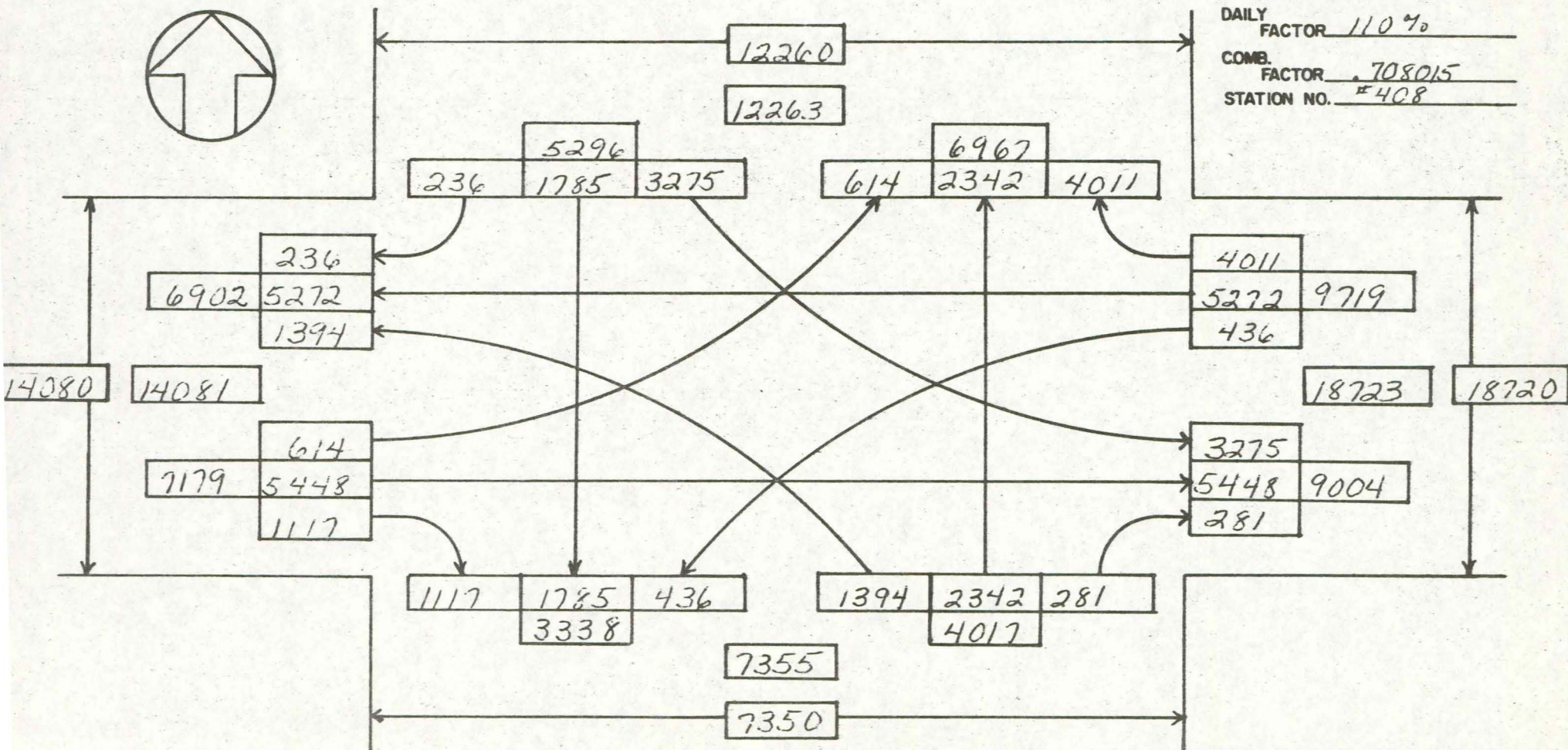
DAY Friday

WEATHER cloudy + cool

HOURS COUNTED 7-12am; 1-6pm

HOURS SHOWN 24 Hrs. factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 61.3%  
 MONTHLY FACTOR 105%  
 DAILY FACTOR 110%  
 COMB. FACTOR .708015  
 STATION NO. #408



## Accident Summary

W. 19TH & CENTER

| <u>Time of Day</u>     | <u>Number of<br/>Accidents</u> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| 6:00 a.m. - 10:00 a.m. | 2                              | Sideswipe             | 0                              |
| 10:00 a.m. - 2:00 p.m. | 6                              | Rear End              | 8                              |
| 2:00 p.m. - 6:00 p.m.  | 14                             | Right Angle           | 19                             |
| 6:00 p.m. - 10:00 p.m. | 5                              | Left Turn             | 1                              |
| 10:00 p.m. - 2:00 a.m. | 2                              | Pedestrian            | 0                              |
| 2:00 a.m. - 6:00 a.m.  | <u>1</u>                       | Other                 | <u>3</u>                       |
| Totals                 | 30                             | Totals                | 31                             |

| <u>Time of Year</u>    | <u>Number of<br/>Accidents</u> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> |
|------------------------|--------------------------------|------------------------------|-------------------------------|
| Winter ( Dec. - Feb.)  | 4                              | North ( Southbound )         | 13                            |
| Spring ( March - May ) | 8                              | South ( Northbound )         | 17                            |
| Summer ( June - Aug.)  | 9                              | East ( Westbound )           | 13                            |
| Fall ( Sept. - Nov.)   | <u>10</u>                      | West ( Eastbound )           | <u>22</u>                     |
| Totals                 | 31                             | Totals                       | 65                            |

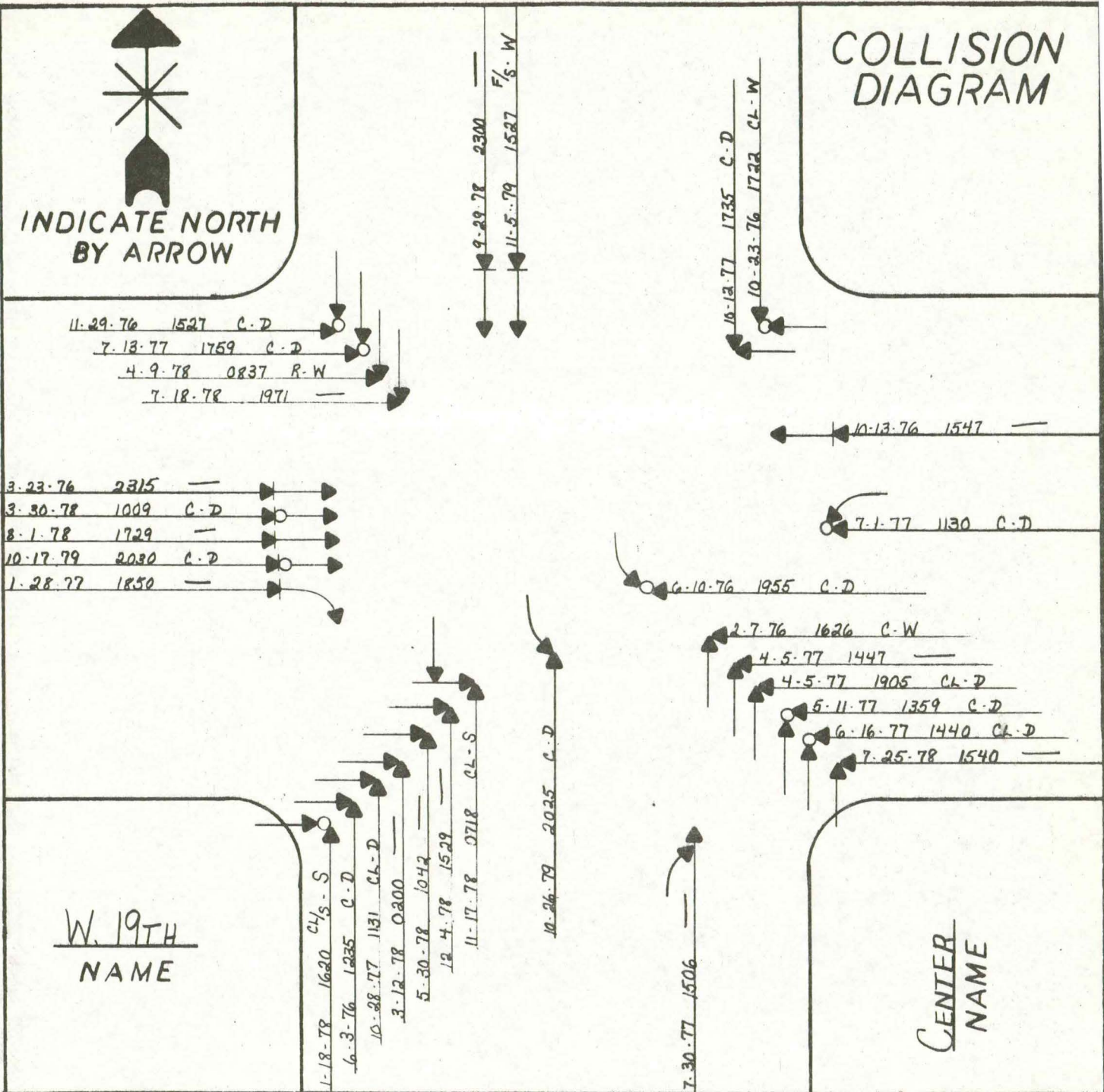
  

| <u>Pavement Condition</u> | <u>Number of<br/>Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|--------------------------------|------------------------|----------------|
| Dry                       | 13                             | 1976                   | 3.3            |
| Icy                       | 0                              | 1977                   | 2.3            |
| Wet                       | <u>6</u>                       | 1978                   | 4              |
| Totals                    | 19                             | 1979                   | <u>3</u>       |
|                           |                                | 4 year Average         | 3.2            |



INDICATE NORTH  
BY ARROW

COLLISION  
DIAGRAM



- SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ←- - - NON-INV. VEHICLE
- X- - - PEDESTRIAN
- ◻ PARKED VEHICLE
- ◻ FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←→ SIDE SWIPE
- ←→ OUT OF CONTROL
- ←→ LEFT TURN
- ←→ RIGHT ANGLE

WEATHER ROAD  
CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION W. 19TH AND CENTER  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION W 19th + Center Sts.

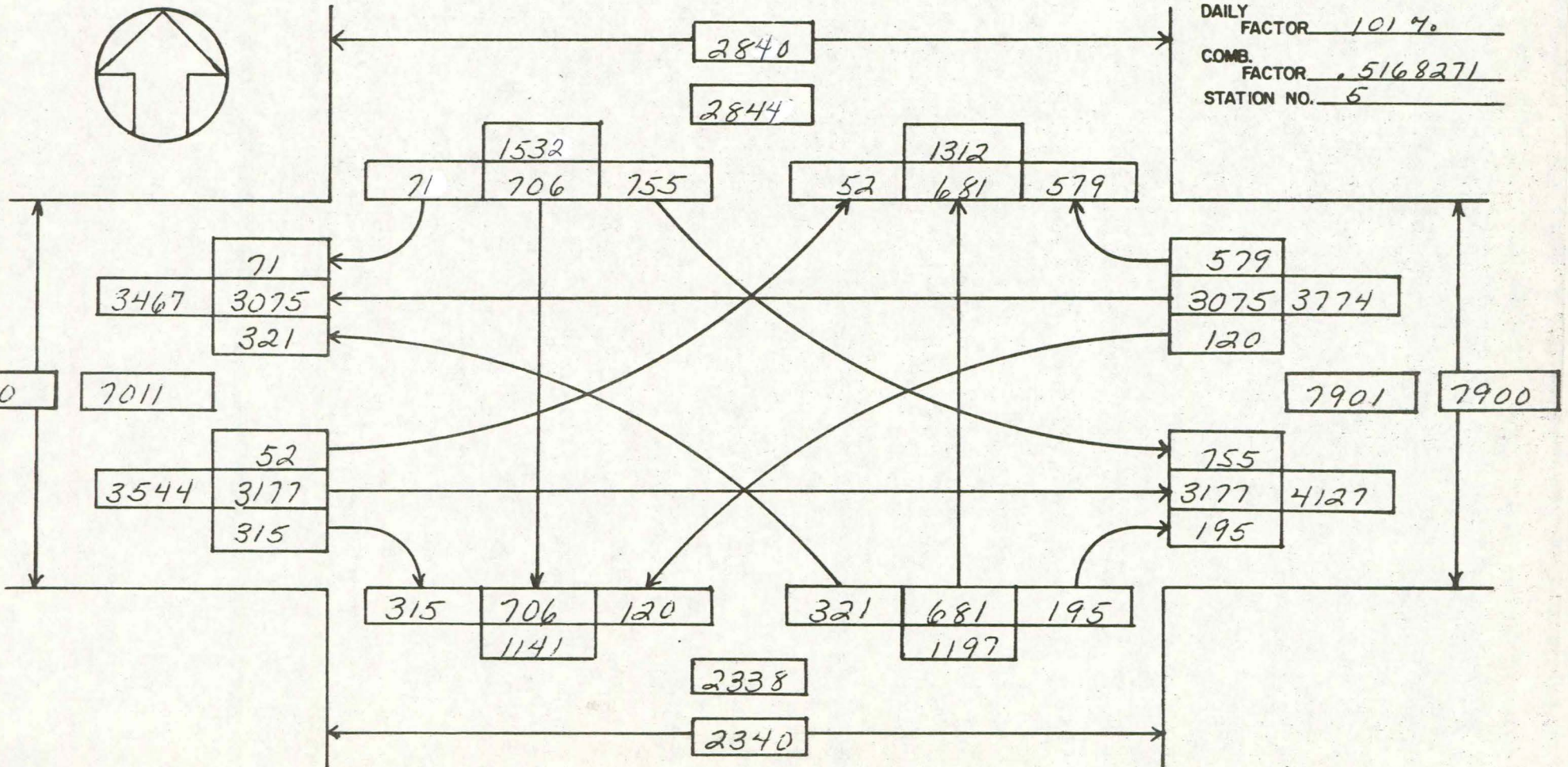
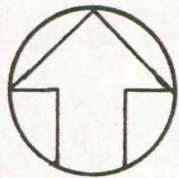
DATE 6-2-80

DAY Monday WEATHER rain A.M.; sunny P.M.

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 Hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 46.1%  
 MONTHLY FACTOR 111%  
 DAILY FACTOR 101%  
 COMB. FACTOR .5168271  
 STATION NO. 5



## Accident Summary

5TH & DOUGLAS

| <u>Time of Day</u>     | <u>Number of<br/>Accidents</u> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| 6:00 a.m. - 10:00 a.m. | 5                              | Sideswipe             | 0                              |
| 10:00 a.m. - 2:00 p.m. | 4                              | Rear End              | 5                              |
| 2:00 p.m. - 6:00 p.m.  | 15                             | Right Angle           | 21                             |
| 6:00 p.m. - 10:00 p.m. | 7                              | Left Turn             | 0                              |
| 10:00 p.m. - 2:00 a.m. | 2                              | Pedestrian            | 1                              |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                       | Other                 | <u>7</u>                       |
| <b>Totals</b>          | <b>33</b>                      | <b>Totals</b>         | <b>34</b>                      |

| <u>Time of Year</u>    | <u>Number of<br/>Accidents</u> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> |
|------------------------|--------------------------------|------------------------------|-------------------------------|
| Winter ( Dec. - Feb. ) | 9                              | North ( Southbound )         | 0                             |
| Spring ( March - May ) | 9                              | South ( Northbound )         | 30                            |
| Summer ( June - Aug. ) | 6                              | East ( Westbound )           | 0                             |
| Fall ( Sept. - Nov. )  | <u>10</u>                      | West ( Eastbound )           | <u>38</u>                     |
| <b>Totals</b>          | <b>34</b>                      | <b>Totals</b>                | <b>68</b>                     |

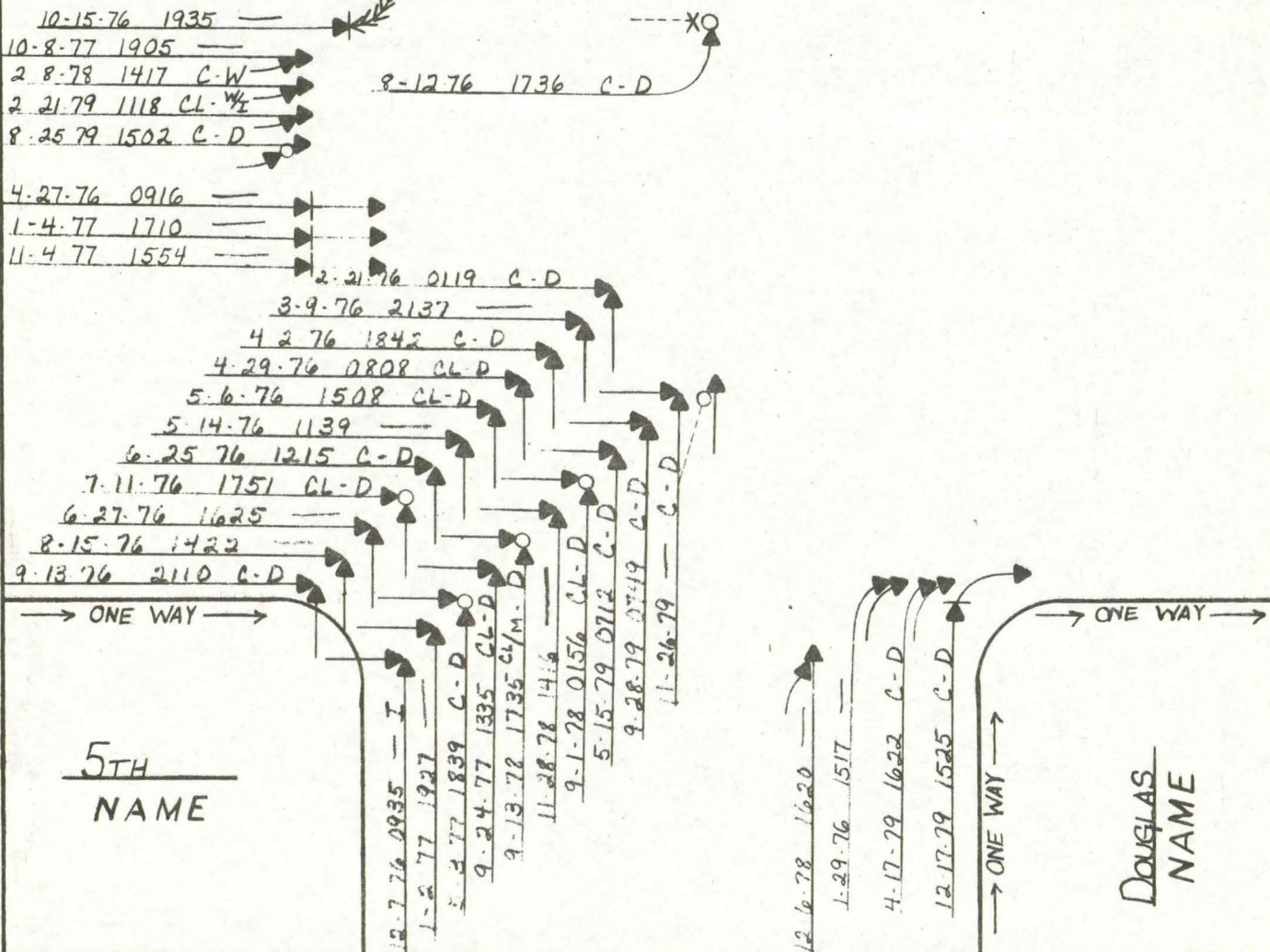
| <u>Pavement Condition</u> | <u>Number of<br/>Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|--------------------------------|------------------------|----------------|
| Dry                       | 18                             | 1976                   | 3.5            |
| Icy                       | 2                              | 1977                   | 3              |
| Wet                       | <u>2</u>                       | 1978                   | 3              |
| <b>Totals</b>             | <b>22</b>                      | 1979                   | <u>3.5</u>     |
|                           |                                | 4 year Average         | 3.3            |

# COLLISION DIAGRAM

ONE WAY ↑



INDICATE NORTH BY ARROW



## - SYMBOLS -

- ← MOVING VEHICLE
- ←→ BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←\* REAR END
- ←X HEAD ON
- ←V SIDE SWIPE
- ←eee OUT OF CONTROL
- ←L LEFT TURN
- ←R RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIF

INTERSECTION 5TH AND DOUGLAS TO 1976 TO 1979



TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 5th + Douglas Sts

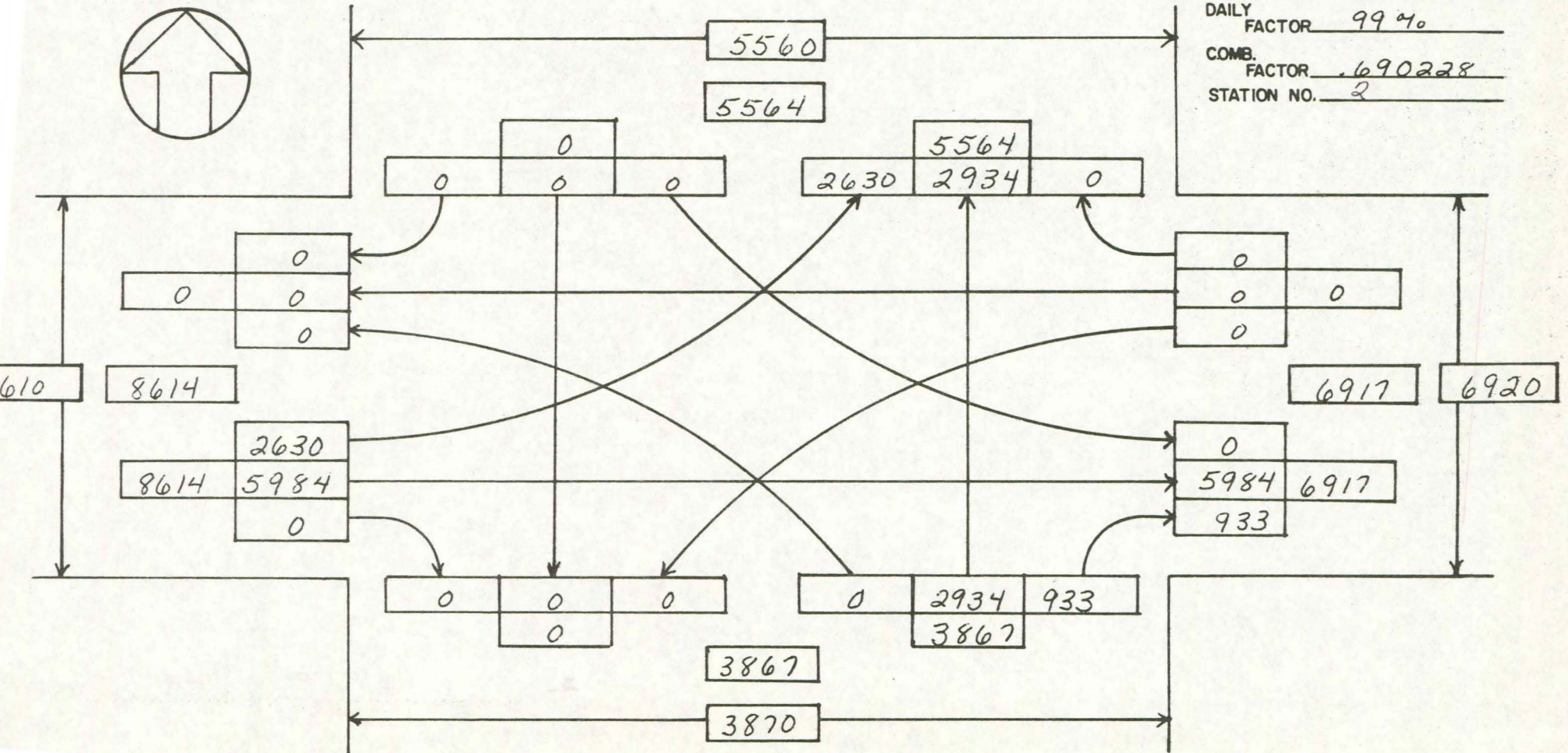
DATE 7-10-79

DAY Tuesday WEATHER —

HOURS COUNTED 7-12pm; 1-6pm

HOURS SHOWN 24 Hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 66.4%  
 MONTHLY FACTOR 105%  
 DAILY FACTOR 99%  
 COMB. FACTOR .690228  
 STATION NO. 2



## Accident Summary

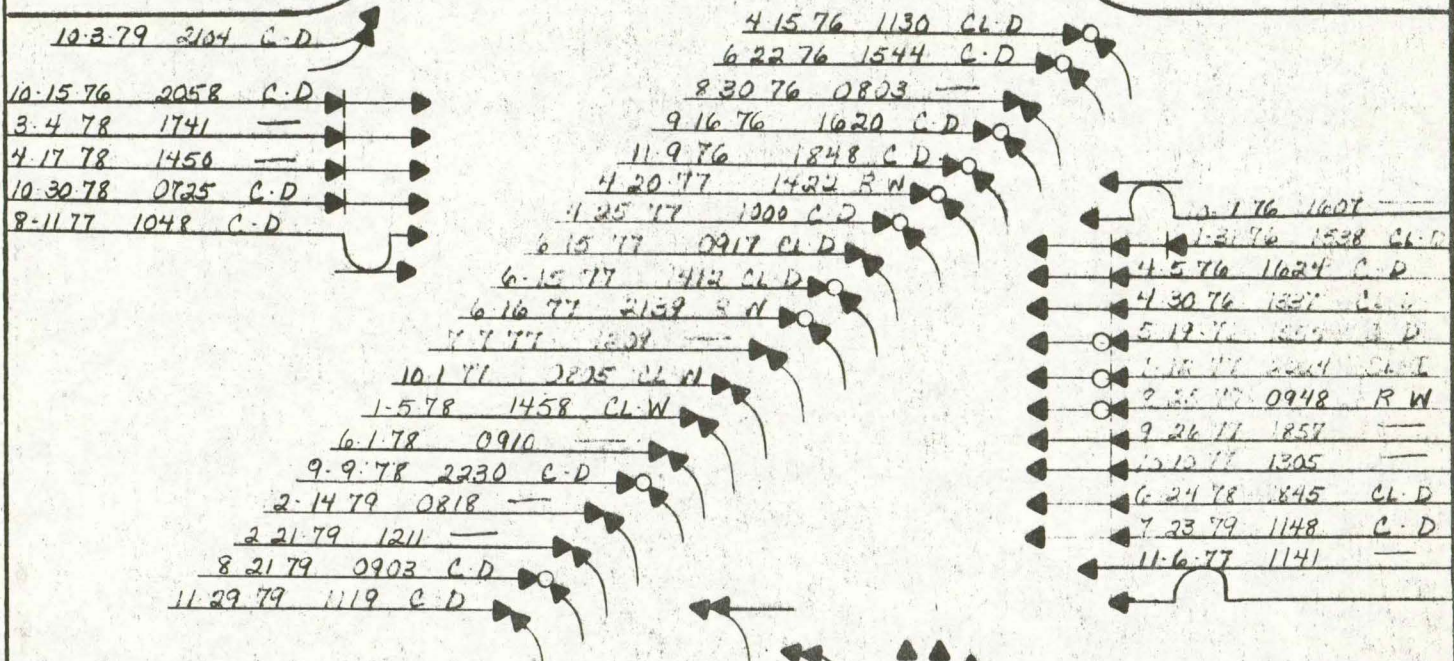
GORDON & PALMETTO

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">9</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">11</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">14</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">6</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">42</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 9  | 10:00 a.m. - 2:00 p.m. | 11 | 2:00 p.m. - 6:00 p.m. | 14       | 6:00 p.m. - 10:00 p.m. | 6         | 10:00 p.m. - 2:00 a.m.  | 2                      | 2:00 a.m. - 6:00 a.m.  | <u>0</u>                     | Totals                    | 42                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">4</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">16</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>22</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">42</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 4        | Rear End           | 16        | Right Angle | 0  | Left Turn | 0 | Pedestrian | 0 | Other | <u>22</u> | Totals | 42 |
|--|----------------------------|----------------------------|------------------------|----|------------------------|----|-----------------------|----------|------------------------|-----------|---|------------------------|--|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|----------|--------------------|-----------|-------------|----|-----------|---|------------|---|-------|-----------|--------|----|
| <u>Time of Day</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| 6:00 a.m. - 10:00 a.m.   | 9                          |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| 10:00 a.m. - 2:00 p.m.   | 11                         |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| 2:00 p.m. - 6:00 p.m.  | 14                         |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| 6:00 p.m. - 10:00 p.m.   | 6                          |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| 10:00 p.m. - 2:00 a.m.   | 2                          |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| Totals   | 42                         |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| <u>Accidents Type</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| Sideswipe  | 4                          |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| Rear End   | 16                         |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| Right Angle  | 0                          |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| Left Turn  | 0                          |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| Pedestrian   | 0                          |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| Other  | <u>22</u>                  |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| Totals   | 42                         |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb.)</td> <td style="text-align: center;">8</td> </tr> <tr> <td>Spring ( March - May)</td> <td style="text-align: center;">10</td> </tr> <tr> <td>Summer ( June - Aug.)</td> <td style="text-align: center;">13</td> </tr> <tr> <td>Fall ( Sept. - Nov.)</td> <td style="text-align: center;"><u>11</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">42</td> </tr> </tbody> </table>  | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb.)  | 8  | Spring ( March - May)  | 10 | Summer ( June - Aug.) | 13       | Fall ( Sept. - Nov.)   | <u>11</u> | Totals  | 42                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">0</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">28</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">26</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>31</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">85</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 0   | South ( Northbound )  | 28                         | East ( Westbound ) | 26       | West ( Eastbound ) | <u>31</u> | Totals      | 85 |           |   |            |   |       |           |        |    |
| <u>Time of Year</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| Winter ( Dec. - Feb.)  | 8                          |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| Spring ( March - May)  | 10                         |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| Summer ( June - Aug.)  | 13                         |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| Fall ( Sept. - Nov.)   | <u>11</u>                  |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| Totals   | 42                         |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| <u>Direction of Approach</u>   | <u>Number of Vehicles</u>  |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| North ( Southbound )   | 0                          |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| South ( Northbound )   | 28                         |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| East ( Westbound )   | 26                         |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| West ( Eastbound )   | <u>31</u>                  |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| Totals   | 85                         |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">20</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>6</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">27</td> </tr> </tbody> </table>  | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 20 | Icy                    | 1  | Wet                   | <u>6</u> | Totals                 | 27        | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">3.4</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">3.7</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">3.5</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>2</u></td> </tr> <tr> <td style="text-align: right;">4 year Average</td> <td style="text-align: center;">3.2</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>   | 1976                         | 3.4                       | 1977                 | 3.7   | 1978                  | 3.5                        | 1979               | <u>2</u> | 4 year Average     | 3.2       |             |    |           |   |            |   |       |           |        |    |
| <u>Pavement Condition</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| Dry  | 20                         |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| Icy  | 1                          |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| Wet  | <u>6</u>                   |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| Totals   | 27                         |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| <u>Injury Severity</u>   | <u>Average</u>             |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| 1976   | 3.4                        |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| 1977   | 3.7                        |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| 1978   | 3.5                        |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| 1979   | <u>2</u>                   |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |
| 4 year Average   | 3.2                        |                            |                        |    |                        |    |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |           |        |    |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM



GORDON  
NAME

ONE WAY ↑

PALMETTO  
NAME

ONE WAY ↑

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←+ REAR END
- ←+ HEAD ON
- ←+ SIDE SWIPE
- ←+ OUT OF CONTROL
- ←+ LEFT TURN
- ↑+ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION GORDON DR AND So PALMETTO  
 PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION Gordon Dr + Palmetto

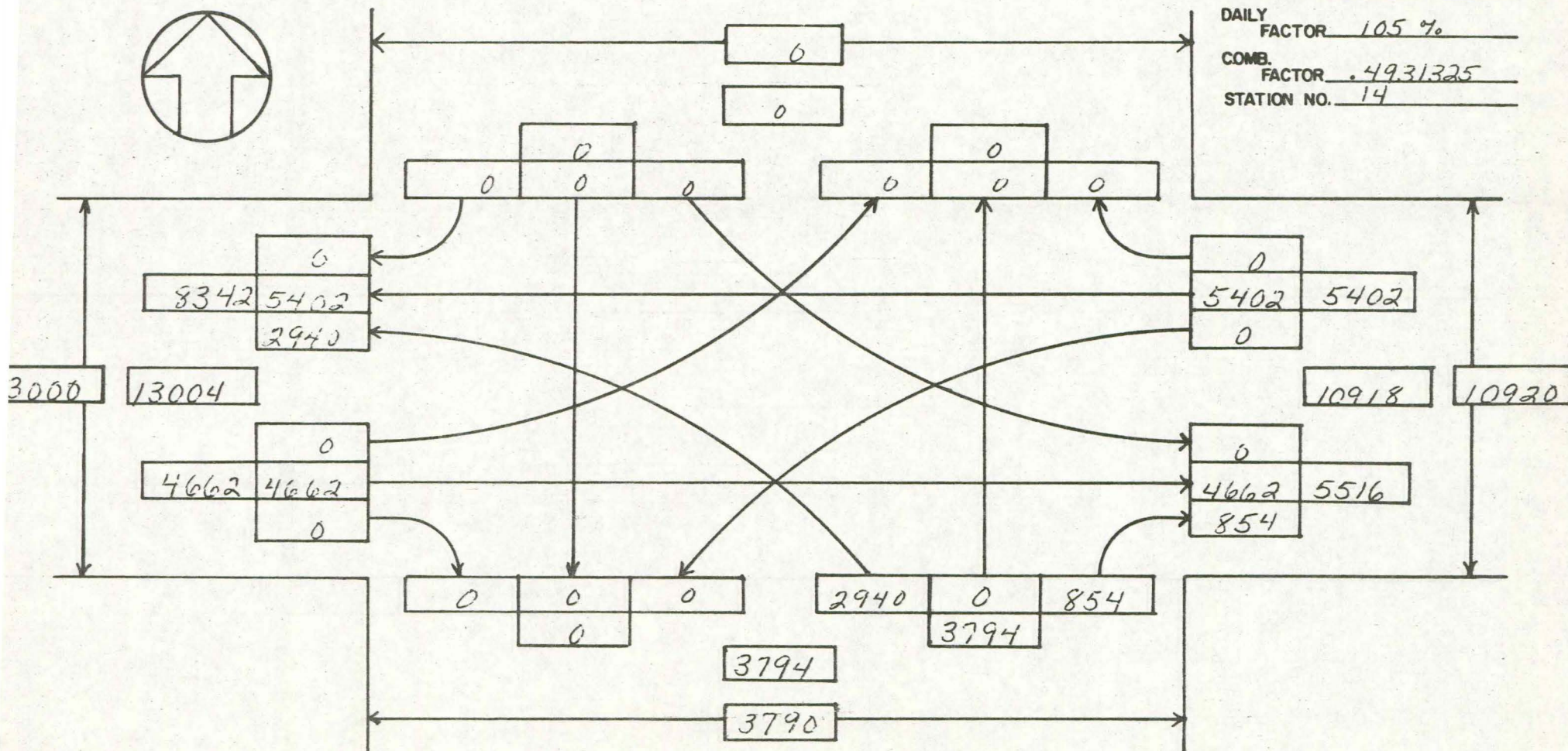
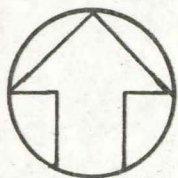
DATE 7-25-79

DAY Wednesday WEATHER clear warm

HOURS COUNTED 7-12am; 1-4pm

HOURS SHOWN 24 hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 46.5%  
 MONTHLY FACTOR 101%  
 DAILY FACTOR 105%  
 COMB. FACTOR .4931325  
 STATION NO. 14



**Accident Summary**  
18th & Nebraska

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 3                          | Sideswipe             | 0                          |
| 10:00 a.m. - 2:00 p.m. | 8                          | Rear End              | 5                          |
| 2:00 p.m. - 6:00 p.m.  | 16                         | Right Angle           | 18                         |
| 6:00 p.m. - 10:00 p.m. | 1                          | Left Turn             | 0                          |
| 10:00 p.m. - 2:00 a.m. | 1                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>1</u>                   | Other                 | <u>9</u>                   |
| <b>Totals</b>          | <b>30</b>                  | <b>Totals</b>         | <b>32</b>                  |

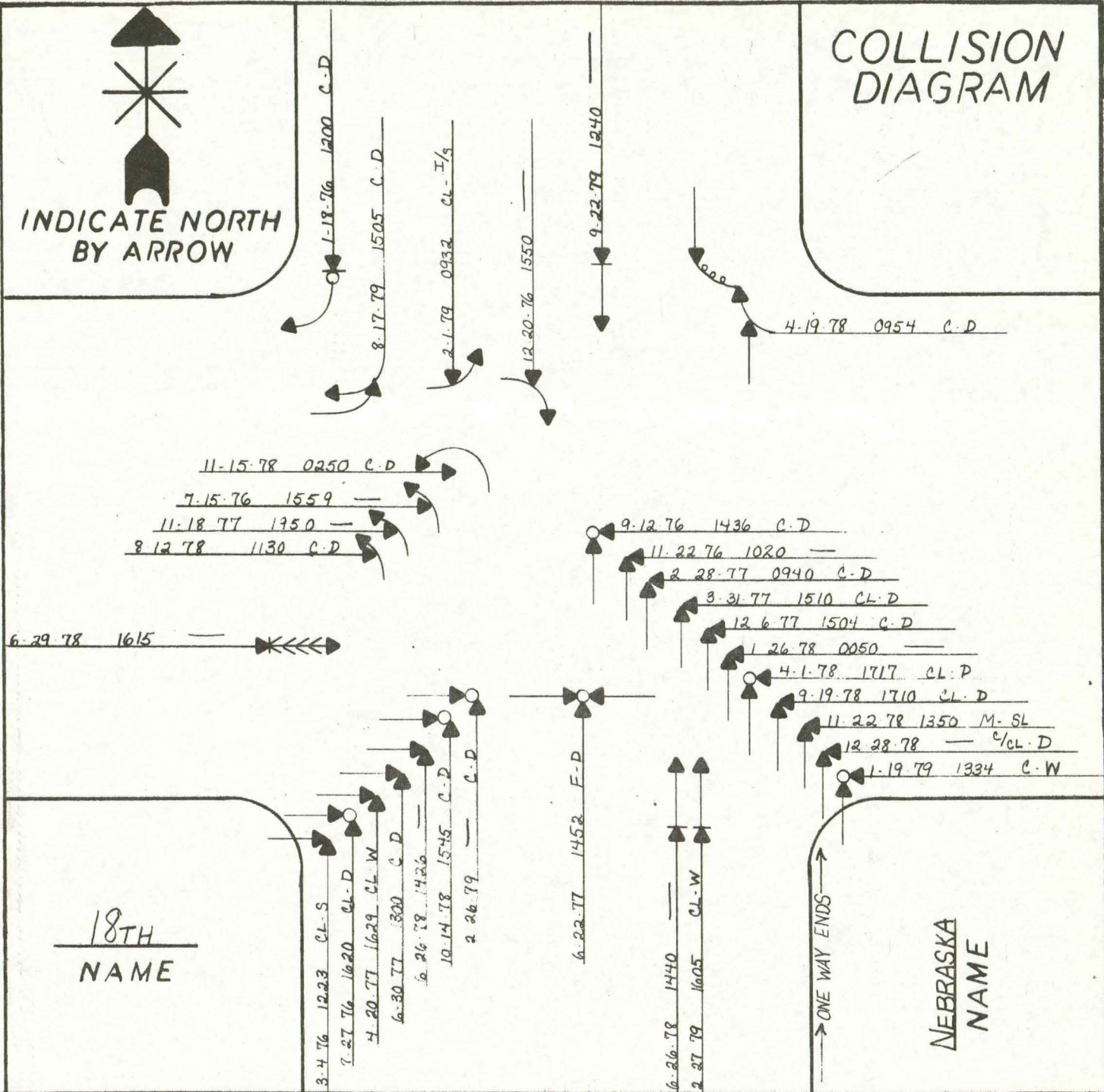
| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 10                         | North ( Southbound )         | 8                         |
| Spring ( March - May ) | 5                          | South ( Northbound )         | 28                        |
| Summer ( June - Aug. ) | 9                          | East ( Westbound )           | 13                        |
| Fall ( Sept. - Nov. )  | <u>8</u>                   | West ( Eastbound )           | <u>17</u>                 |
| <b>Totals</b>          | <b>32</b>                  | <b>Totals</b>                | <b>66</b>                 |

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 17                         | 1976                   | 4              |
| Icy                       | 1                          | 1977                   | 4              |
| Wet                       | <u>3</u>                   | 1978                   | 3              |
| <b>Totals</b>             | <b>21</b>                  | 1979                   | <u>3.5</u>     |
|                           |                            | 4 year Average         | 3.6            |

# COLLISION DIAGRAM

INDICATE NORTH BY ARROW



## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ◻ PARKED VEHICLE
- ◻ FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←\* REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←~~~~ OUT OF CONTROL
- ←↙ LEFT TURN
- ↑ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |                   |
|------------|-------------------|
| C-CLEAR    | D-DRY             |
| CL-CLOUDY  | W-WET             |
| R-RAIN     | S-SNOW            |
| S-SNOW     | I-ICE             |
| SL-SLEET   | SL-SLUSH          |
| F-FOG      | M-MUD             |
| M-MIST     | O-OTHER (SPECIFY) |
| W-HIGHWIND |                   |

INTERSECTION 18TH AND NEBRASKA  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 18th + Nebraska Sts

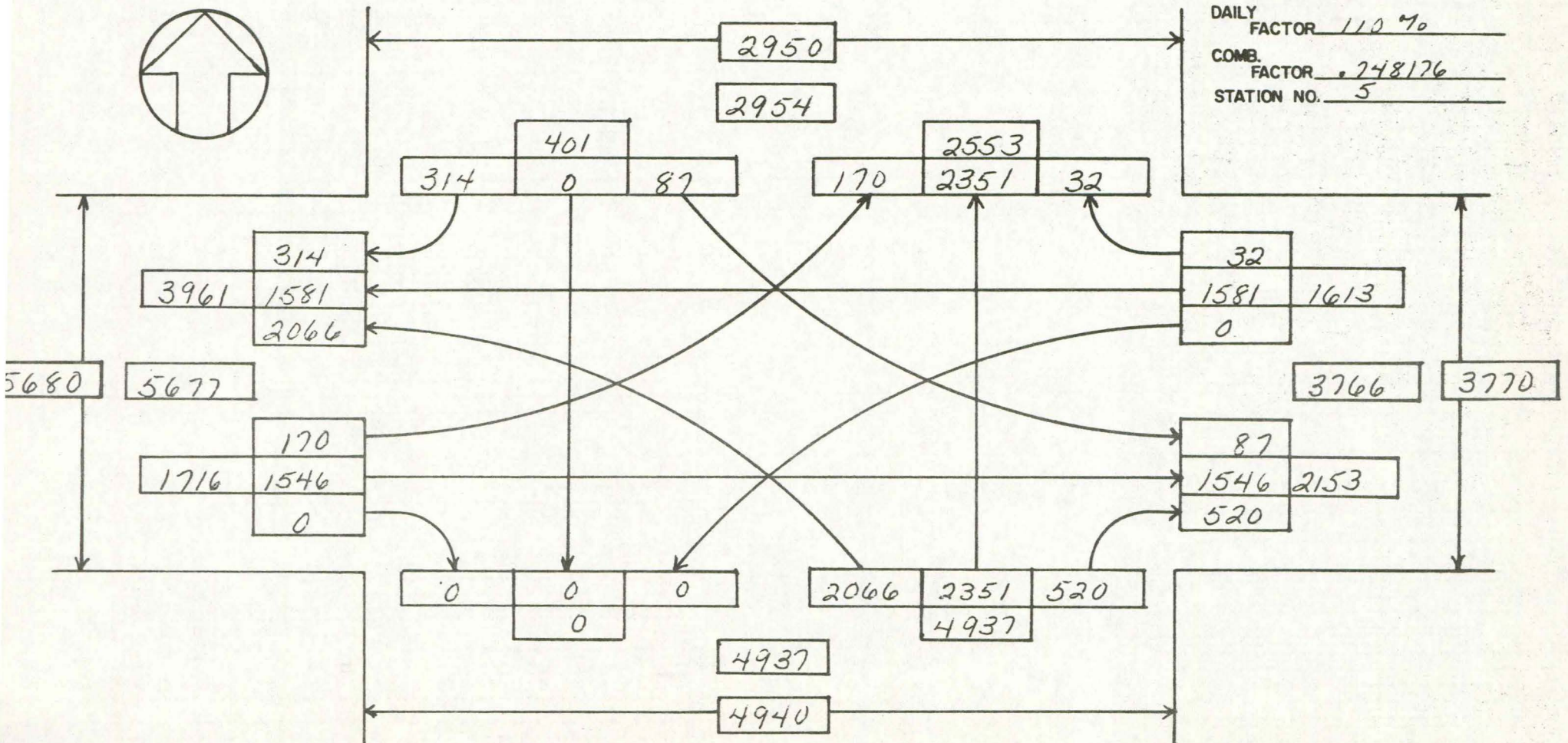
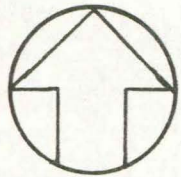
DATE 7-13-79

DAY Friday WEATHER cloudy

HOURS COUNTED 7-12am; 1-6pm

HOURS SHOWN 24 Hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 65.4%  
 MONTHLY FACTOR 104%  
 DAILY FACTOR 110%  
 COMB. FACTOR .748176  
 STATION NO. 5



**Accident Summary**  
**W. 19TH & CASSELMAN**

| <table border="0"> <thead> <tr> <th><u>Time of Day</u></th> <th><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td align="center">2</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td align="center">3</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td align="center">8</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td align="center">2</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td align="center">2</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td align="center"><u>2</u></td> </tr> <tr> <td><b>Totals</b></td> <td align="center">19</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 2 | 10:00 a.m. - 2:00 p.m. | 3 | 2:00 p.m. - 6:00 p.m.  | 8        | 6:00 p.m. - 10:00 p.m. | 2        | 10:00 p.m. - 2:00 a.m.  | 2                      | 2:00 a.m. - 6:00 a.m.   | <u>2</u>                     | <b>Totals</b>             | 19                   | <table border="0"> <thead> <tr> <th><u>Accidents Type</u></th> <th><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td align="center">0</td> </tr> <tr> <td>Rear End</td> <td align="center">9</td> </tr> <tr> <td>Right Angle</td> <td align="center">6</td> </tr> <tr> <td>Left Turn</td> <td align="center">0</td> </tr> <tr> <td>Pedestrian</td> <td align="center">0</td> </tr> <tr> <td>Other</td> <td align="center"><u>5</u></td> </tr> <tr> <td><b>Totals</b></td> <td align="center">20</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0        | Rear End              | 9         | Right Angle   | 6  | Left Turn | 0 | Pedestrian | 0 | Other | <u>5</u> | <b>Totals</b> | 20 |
|--|----------------------------|----------------------------|------------------------|---|------------------------|---|------------------------|----------|------------------------|----------|---|------------------------|---|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|----------|-----------------------|-----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.   | 2                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.   | 3                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.  | 8                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.   | 2                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.   | 2                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.  | <u>2</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 19                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| Sideswipe  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| Rear End   | 9                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| Right Angle  | 6                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| Left Turn  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| Pedestrian   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| Other  | <u>5</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 20                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| <table border="0"> <thead> <tr> <th><u>Time of Year</u></th> <th><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td align="center">6</td> </tr> <tr> <td>Spring ( March - May )</td> <td align="center">3</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td align="center">7</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td align="center"><u>4</u></td> </tr> <tr> <td><b>Totals</b></td> <td align="center">20</td> </tr> </tbody> </table>   | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb. ) | 6 | Spring ( March - May ) | 3 | Summer ( June - Aug. ) | 7        | Fall ( Sept. - Nov. )  | <u>4</u> | <b>Totals</b>   | 20                     | <table border="0"> <thead> <tr> <th><u>Direction of Approach</u></th> <th><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td align="center">3</td> </tr> <tr> <td>South ( Northbound )</td> <td align="center">8</td> </tr> <tr> <td>East ( Westbound )</td> <td align="center">14</td> </tr> <tr> <td>West ( Eastbound )</td> <td align="center"><u>13</u></td> </tr> <tr> <td><b>Totals</b></td> <td align="center">38</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 3   | South ( Northbound )  | 8                          | East ( Westbound ) | 14       | West ( Eastbound )    | <u>13</u> | <b>Totals</b> | 38 |           |   |            |   |       |          |               |    |
| <u>Time of Year</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb. )   | 6                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May )   | 3                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug. )   | 7                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov. )  | <u>4</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 20                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>   | <u>Number of Vehicles</u>  |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )   | 3                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )   | 8                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )   | 14                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )   | <u>13</u>                  |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 38                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| <table border="0"> <thead> <tr> <th><u>Pavement Condition</u></th> <th><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td align="center">8</td> </tr> <tr> <td>Icy</td> <td align="center">3</td> </tr> <tr> <td>Wet</td> <td align="center"><u>3</u></td> </tr> <tr> <td><b>Totals</b></td> <td align="center">14</td> </tr> </tbody> </table>  | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 8 | Icy                    | 3 | Wet                    | <u>3</u> | <b>Totals</b>          | 14       | <table border="0"> <thead> <tr> <th><u>Injury Severity</u></th> <th><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td align="center">4</td> </tr> <tr> <td>1977</td> <td align="center">2.5</td> </tr> <tr> <td>1978</td> <td align="center">3</td> </tr> <tr> <td>1979</td> <td align="center"><u>0</u></td> </tr> <tr> <td><b>4 year Average</b></td> <td align="center">3.2</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>  | 1976                         | 4                         | 1977                 | 2.5   | 1978                  | 3                          | 1979               | <u>0</u> | <b>4 year Average</b> | 3.2       |               |    |           |   |            |   |       |          |               |    |
| <u>Pavement Condition</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| Dry  | 8                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| Icy  | 3                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| Wet  | <u>3</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 14                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>   | <u>Average</u>             |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| 1976   | 4                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| 1977   | 2.5                        |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| 1978   | 3                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| 1979   | <u>0</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |
| <b>4 year Average</b>  | 3.2                        |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |           |               |    |           |   |            |   |       |          |               |    |

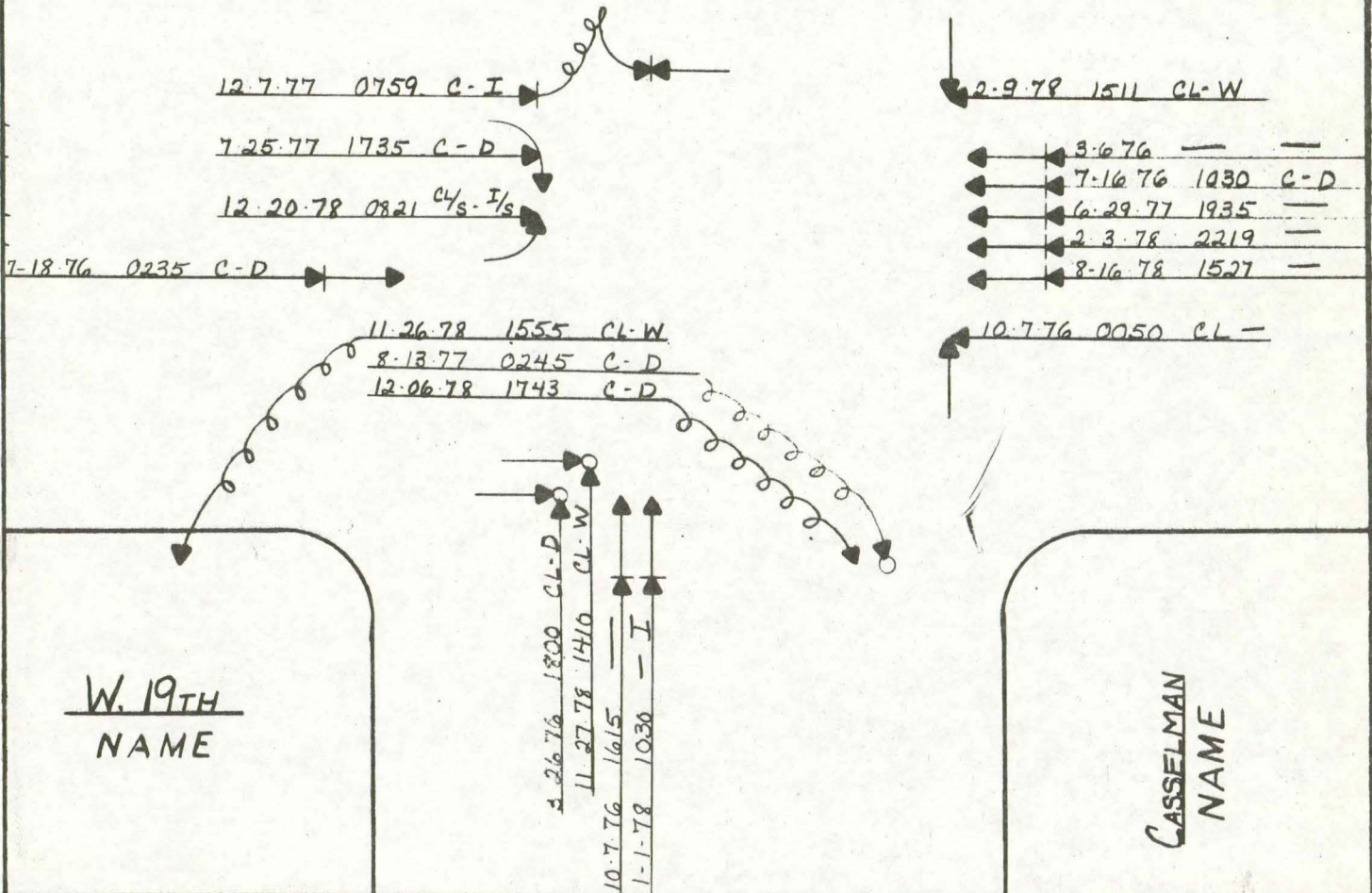




INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM

5-15-78 1153 C-D  
6-14-78 1725 C-D



- SYMBOLS -

- ← MOVING VEHICLE
- ←→ BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ☐ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←→ REAR END
- ←→ HEAD ON
- ←→ SIDE SWIPE
- ←→ OUT OF CONTROL
- ←→ LEFT TURN
- ↑ RIGHT ANGLE

WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION W. 19TH AND CASSELMAN  
 PERIOD 4 YEARS FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION W. 19th + Casselman Sts

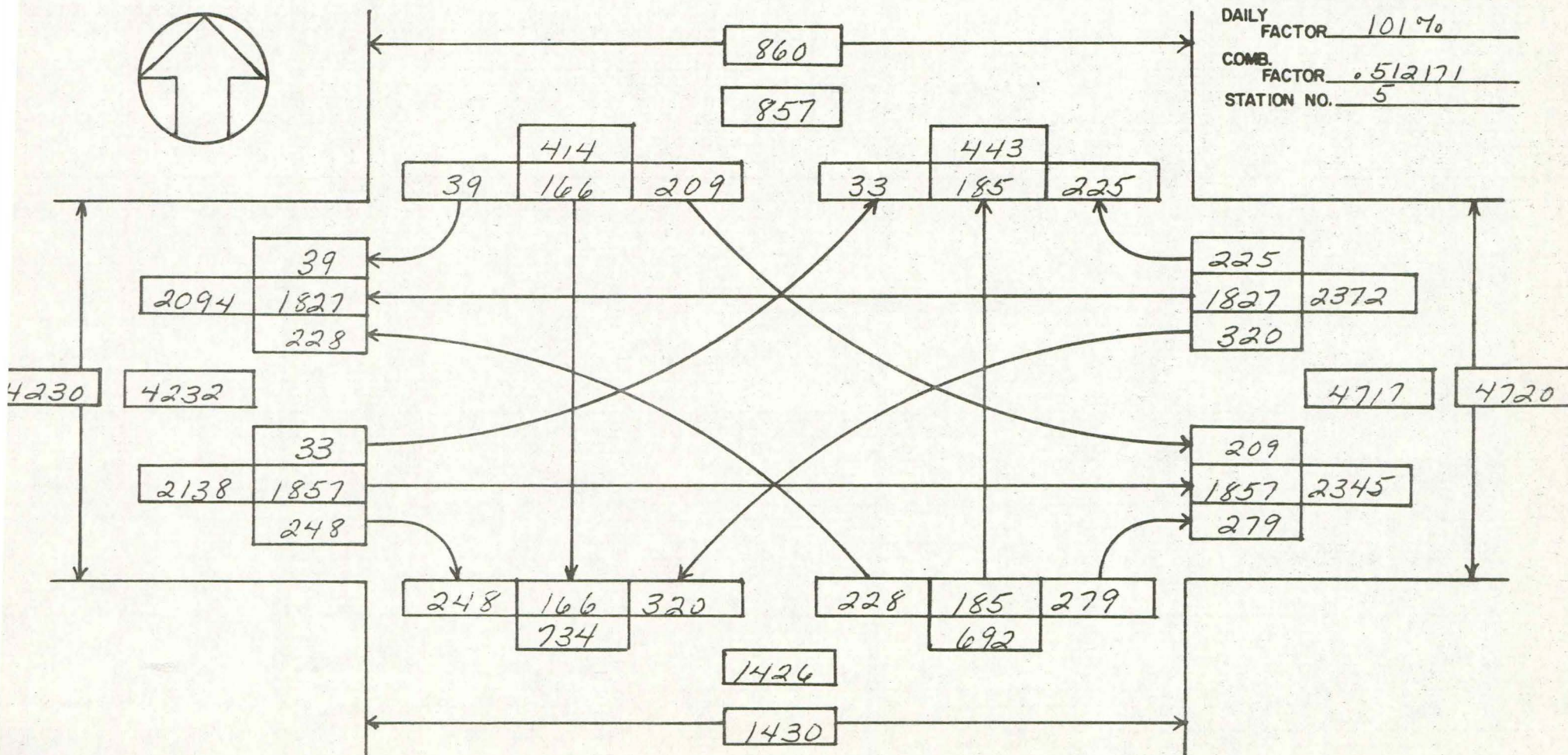
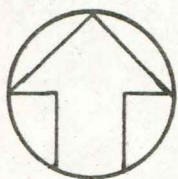
DATE 7-28-80

DAY Monday WEATHER sunny

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 Hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 46.1%  
 MONTHLY FACTOR 110%  
 DAILY FACTOR 101%  
 COMB. FACTOR .512171  
 STATION NO. 5



## Accident Summary

4TH & COURT

| <u>Time of Day</u>     | <u>Number of<br/>Accidents</u> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| 6:00 a.m. - 10:00 a.m. | 4                              | Sideswipe             | 2                              |
| 10:00 a.m. - 2:00 p.m. | 11                             | Rear End              | 10                             |
| 2:00 p.m. - 6:00 p.m.  | 5                              | Right Angle           | 8                              |
| 6:00 p.m. - 10:00 p.m. | 3                              | Left Turn             | 2                              |
| 10:00 p.m. - 2:00 a.m. | 2                              | Pedestrian            | 1                              |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                       | Other                 | <u>2</u>                       |
| <b>Totals</b>          | 25                             | <b>Totals</b>         | 25                             |

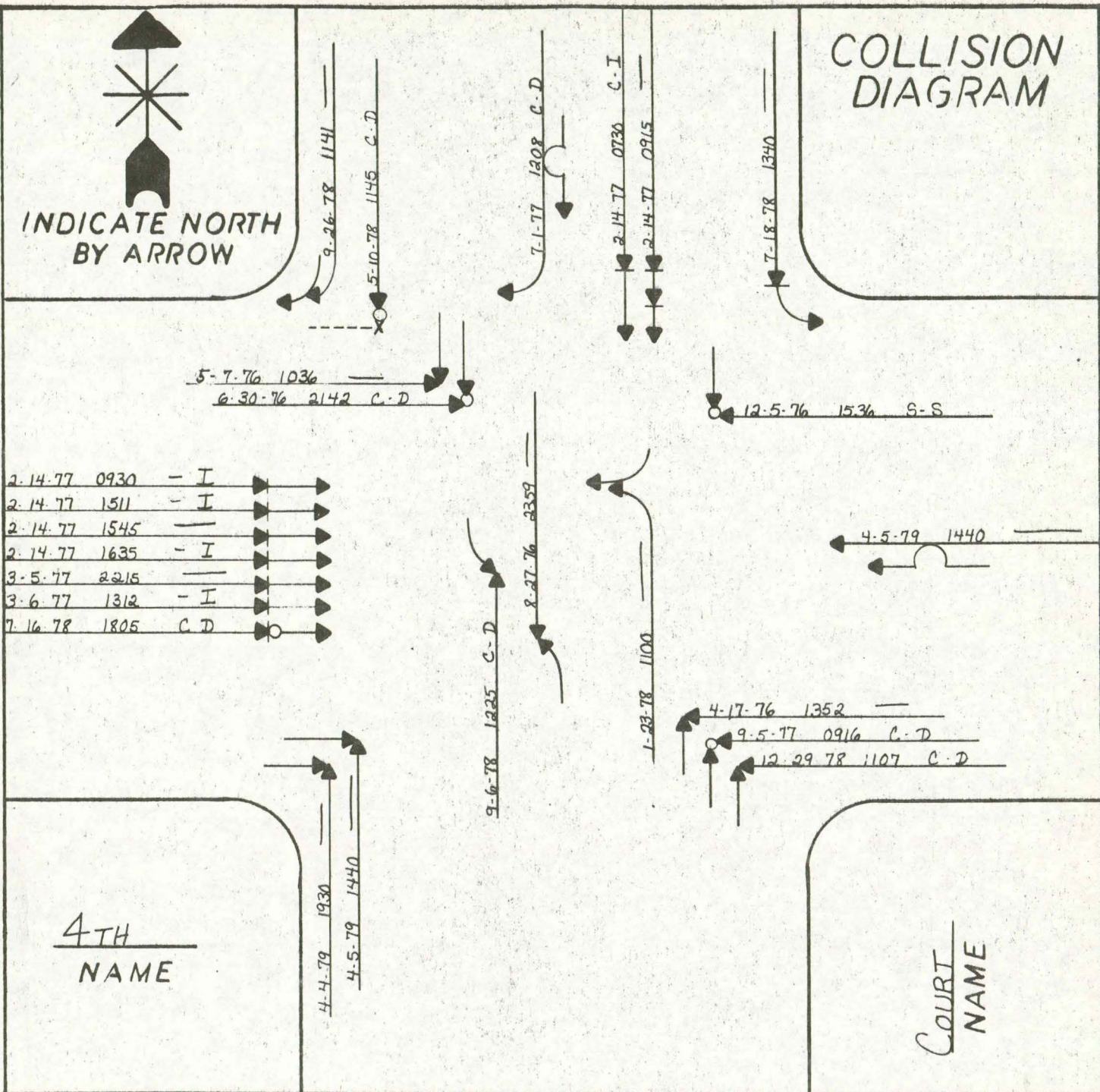
| <u>Time of Year</u>    | <u>Number of<br/>Accidents</u> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> |
|------------------------|--------------------------------|------------------------------|-------------------------------|
| Winter ( Dec. - Feb. ) | 9                              | North ( Southbound )         | 18                            |
| Spring ( March - May ) | 7                              | South ( Northbound )         | 8                             |
| Summer ( June - Aug. ) | 5                              | East ( Westbound )           | 6                             |
| Fall ( Sept. - Nov. )  | <u>4</u>                       | West ( Eastbound )           | <u>18</u>                     |
| <b>Totals</b>          | 25                             | <b>Totals</b>                | 50                            |

| <u>Pavement Condition</u> | <u>Number of<br/>Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|--------------------------------|------------------------|----------------|
| Dry                       | 8                              | 1976                   | 3.2            |
| Icy                       | 5                              | 1977                   | 4              |
| Wet                       | <u>1</u>                       | 1978                   | 3              |
| <b>Totals</b>             | 14                             | 1979                   | <u>0</u>       |
|                           |                                | 4 year Average         | 3.4            |

# COLLISION DIAGRAM

INDICATE NORTH BY ARROW



4TH  
NAME

COURT  
NAME

- SYMBOLS -

- ← MOVING VEHICLE
- ←→ BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ☐ PARKED VEHICLE
- ☐ FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←\* REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←teeee OUT OF CONTROL
- ←↪ LEFT TURN
- ↑ RIGHT ANGLE

WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 4TH AND COURT  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 4th + Court Sts

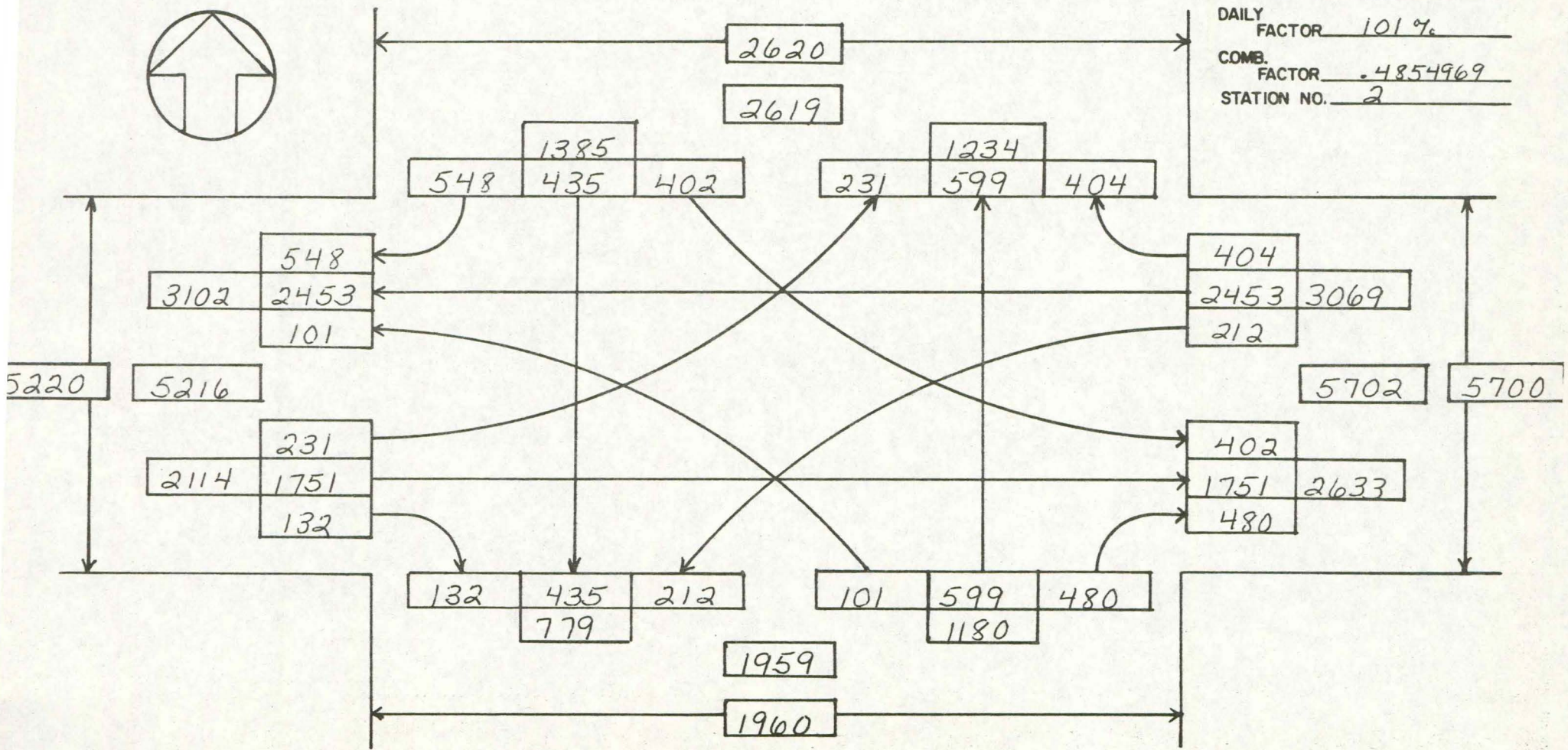
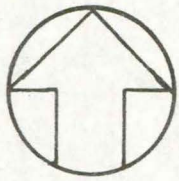
DATE 8-13-80

DAY Wednesday WEATHER cloudy

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 44.1%  
 MONTHLY FACTOR 109%  
 DAILY FACTOR 101%  
 COMB. FACTOR .4854969  
 STATION NO. 2



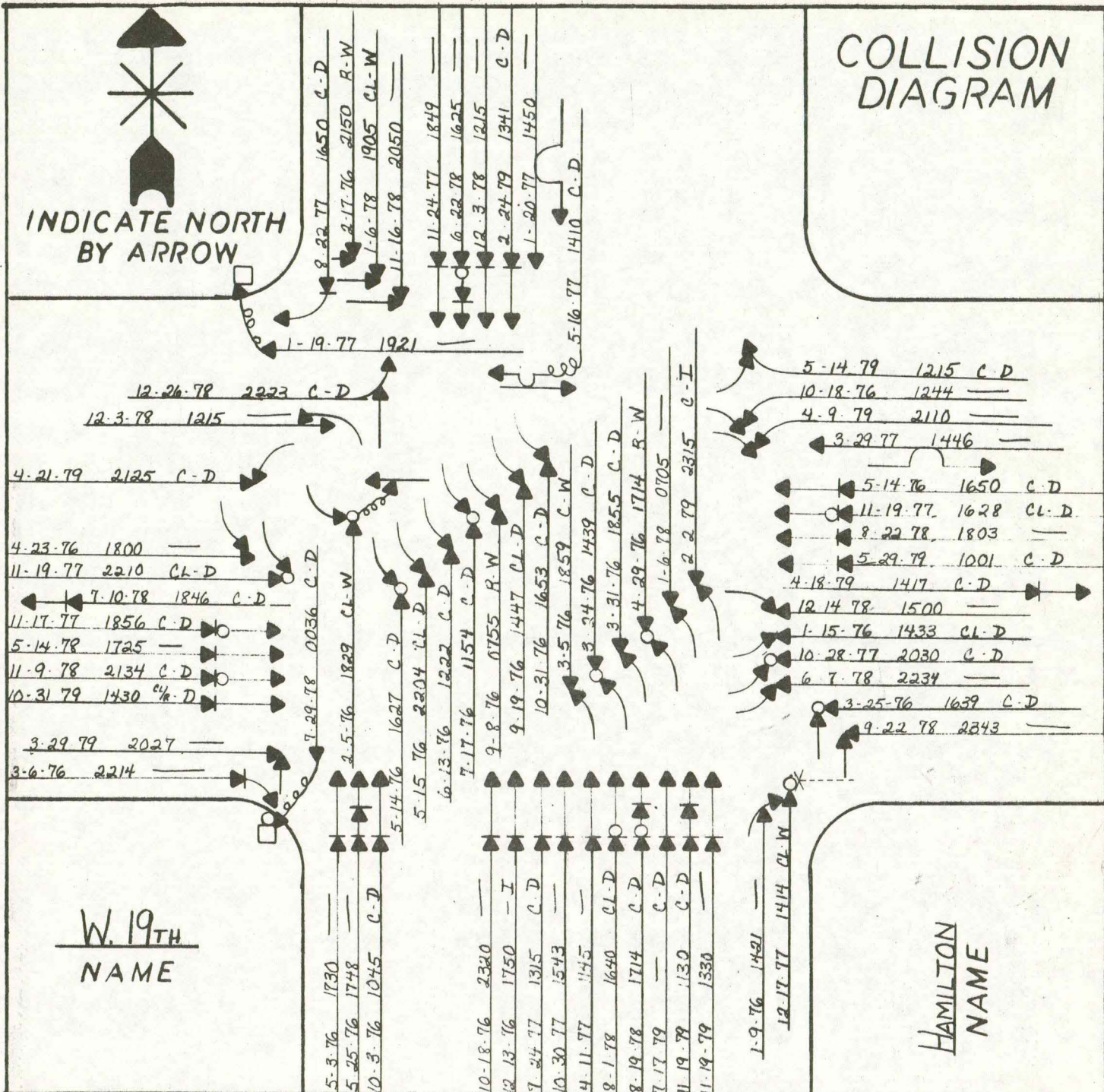
### Accident Summary

Ww 19th & Hamilton Blvd.

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">14</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">26</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">16</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">9</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">67</td> </tr> </tbody> </table> | <u>Time of Day</u>             | <u>Number of<br/>Accidents</u> | 6:00 a.m. - 10:00 a.m. | 2  | 10:00 a.m. - 2:00 p.m. | 14 | 2:00 p.m. - 6:00 p.m.  | 26       | 6:00 p.m. - 10:00 p.m. | 16        | 10:00 p.m. - 2:00 a.m.  | 9                      | 2:00 a.m. - 6:00 a.m.  | <u>0</u>                     | Totals                        | 67                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">28</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">6</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">18</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>12</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">68</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> | Sideswipe          | 3        | Rear End           | 28        | Right Angle | 6   | Left Turn | 18 | Pedestrian | 1 | Other | <u>12</u> | Totals | 68 |
|---|--------------------------------|--------------------------------|------------------------|----|------------------------|----|------------------------|----------|------------------------|-----------|---|------------------------|--|------------------------------|-------------------------------|----------------------|--|-----------------------|--------------------------------|--------------------|----------|--------------------|-----------|-------------|-----|-----------|----|------------|---|-------|-----------|--------|----|
| <u>Time of Day</u>  | <u>Number of<br/>Accidents</u> |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| 6:00 a.m. - 10:00 a.m.  | 2                              |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| 10:00 a.m. - 2:00 p.m.  | 14                             |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| 2:00 p.m. - 6:00 p.m.   | 26                             |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| 6:00 p.m. - 10:00 p.m.  | 16                             |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| 10:00 p.m. - 2:00 a.m.  | 9                              |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| 2:00 a.m. - 6:00 a.m.   | <u>0</u>                       |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| Totals  | 67                             |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| <u>Accidents Type</u>   | <u>Number of<br/>Accidents</u> |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| Sideswipe   | 3                              |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| Rear End  | 28                             |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| Right Angle   | 6                              |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| Left Turn   | 18                             |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| Pedestrian  | 1                              |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| Other   | <u>12</u>                      |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| Totals  | 68                             |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">16</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">22</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">12</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;"><u>18</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">68</td> </tr> </tbody> </table>  | <u>Time of Year</u>            | <u>Number of<br/>Accidents</u> | Winter ( Dec. - Feb. ) | 16 | Spring ( March - May ) | 22 | Summer ( June - Aug. ) | 12       | Fall ( Sept. - Nov. )  | <u>18</u> | Totals  | 68                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of<br/>Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">34</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">52</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">22</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>28</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">136</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> | North ( Southbound ) | 34   | South ( Northbound )  | 52                             | East ( Westbound ) | 22       | West ( Eastbound ) | <u>28</u> | Totals      | 136 |           |    |            |   |       |           |        |    |
| <u>Time of Year</u>   | <u>Number of<br/>Accidents</u> |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| Winter ( Dec. - Feb. )  | 16                             |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| Spring ( March - May )  | 22                             |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| Summer ( June - Aug. )  | 12                             |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| Fall ( Sept. - Nov. )   | <u>18</u>                      |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| Totals  | 68                             |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| <u>Direction of Approach</u>  | <u>Number of<br/>Vehicles</u>  |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| North ( Southbound )  | 34                             |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| South ( Northbound )  | 52                             |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| East ( Westbound )  | 22                             |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| West ( Eastbound )  | <u>28</u>                      |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| Totals  | 136                            |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">33</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>7</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">42</td> </tr> </tbody> </table>   | <u>Pavement Condition</u>      | <u>Number of<br/>Accidents</u> | Dry                    | 33 | Icy                    | 2  | Wet                    | <u>7</u> | Totals                 | 42        | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">4</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">3.7</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">3.8</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;">4 year Average</td> <td style="text-align: center;">3.8</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>   | 1976                         | 4                             | 1977                 | 3.7  | 1978                  | 3.8                            | 1979               | <u>0</u> | 4 year Average     | 3.8       |             |     |           |    |            |   |       |           |        |    |
| <u>Pavement Condition</u>   | <u>Number of<br/>Accidents</u> |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| Dry   | 33                             |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| Icy   | 2                              |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| Wet   | <u>7</u>                       |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| Totals  | 42                             |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| <u>Injury Severity</u>  | <u>Average</u>                 |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| 1976  | 4                              |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| 1977  | 3.7                            |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| 1978  | 3.8                            |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| 1979  | <u>0</u>                       |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |
| 4 year Average  | 3.8                            |                                |                        |    |                        |    |                        |          |                        |           |   |                        |  |                              |                               |                      |  |                       |                                |                    |          |                    |           |             |     |           |    |            |   |       |           |        |    |

# COLLISION DIAGRAM

INDICATE NORTH  
BY ARROW



W. 19TH  
NAME

HAMILTON  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←+ REAR END
- ←X HEAD ON
- ←V SIDE SWIPE
- ←eee OUT OF CONTROL
- ←T LEFT TURN
- ↑ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |             |           |
|-------------|-----------|
| C-CLEAR     | D-DRY     |
| CL-CLOUDY   | W-WET     |
| R-RAIN      | S-SNOW    |
| S-SNOW      | I-ICE     |
| SL-SLEET    | SL-SLUSH  |
| F-FOG       | M-MUD     |
| ML-MIST     | O-OTHER   |
| W-HIGH WIND | (SPECIFY) |

INTERSECTION W. 19TH AND HAMILTON BLVD  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION W. 19th & Hamilton Blvd

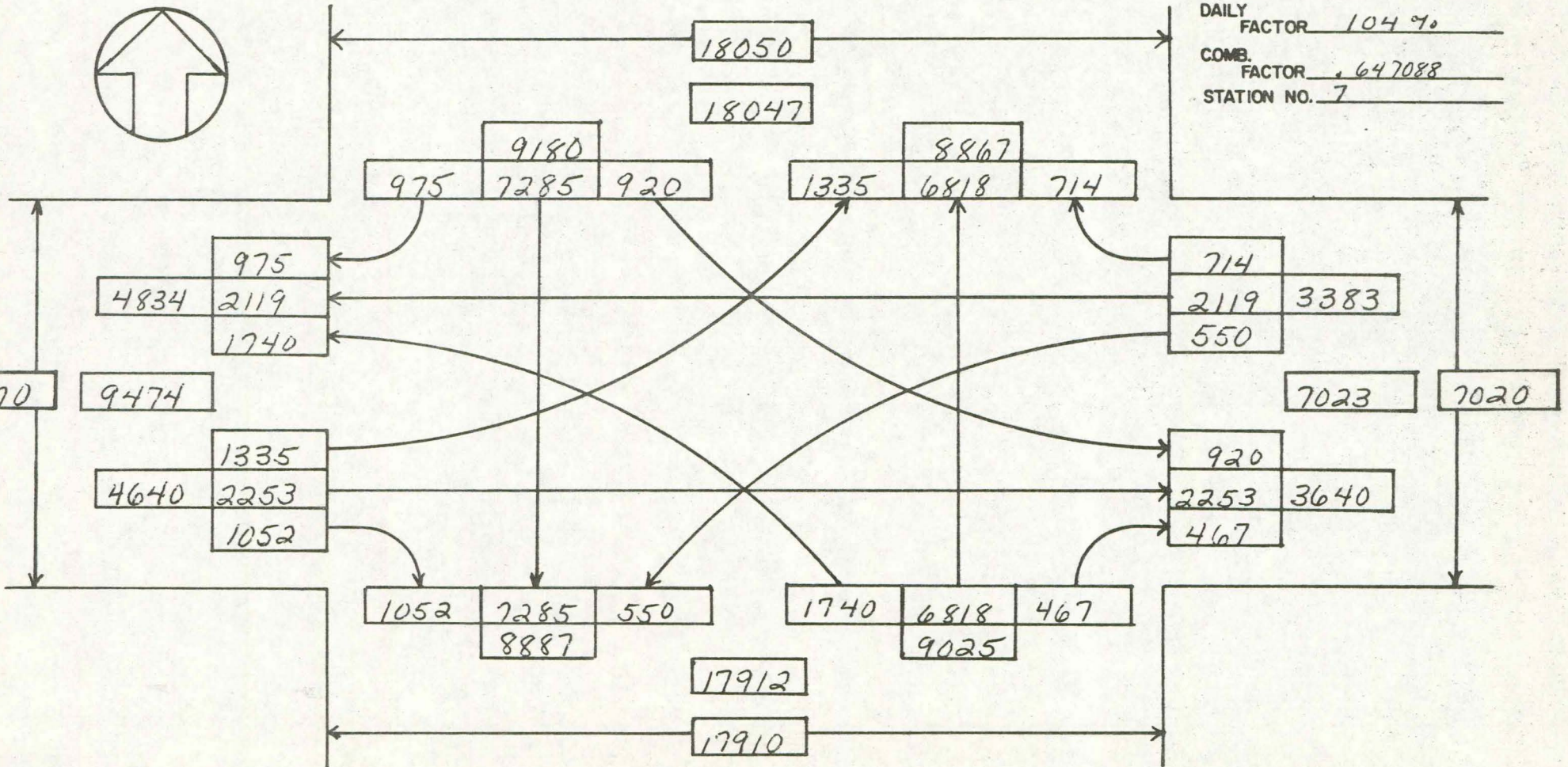
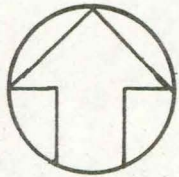
DATE 6-27-79

DAY Wednesday WEATHER clear

HOURS COUNTED 7-12am; 1-6pm

HOURS SHOWN 24 Hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 61%  
 MONTHLY FACTOR 102%  
 DAILY FACTOR 104%  
 COMB. FACTOR .647088  
 STATION NO. 7





### Accident Summary

Gordon Dr. & Pierce

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 5                          | Sideswipe             | 2                          |
| 10:00 a.m. - 2:00 p.m. | 15                         | Rear End              | 16                         |
| 2:00 p.m. - 6:00 p.m.  | 14                         | Right Angle           | 1                          |
| 6:00 p.m. - 10:00 p.m. | 6                          | Left Turn             | 13                         |
| 10:00 p.m. - 2:00 a.m. | 7                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   | Other                 | <u>17</u>                  |
| <b>Totals</b>          | 47                         | <b>Totals</b>         | 49                         |

| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 14                         | North ( Southbound )         | 42                        |
| Spring ( March - May ) | 16                         | South ( Northbound )         | 1                         |
| Summer ( June - Aug. ) | 11                         | East ( Westbound )           | 37                        |
| Fall ( Sept. - Nov. )  | <u>8</u>                   | West ( Eastbound )           | <u>18</u>                 |
| <b>Totals</b>          | 49                         | <b>Totals</b>                | 98                        |

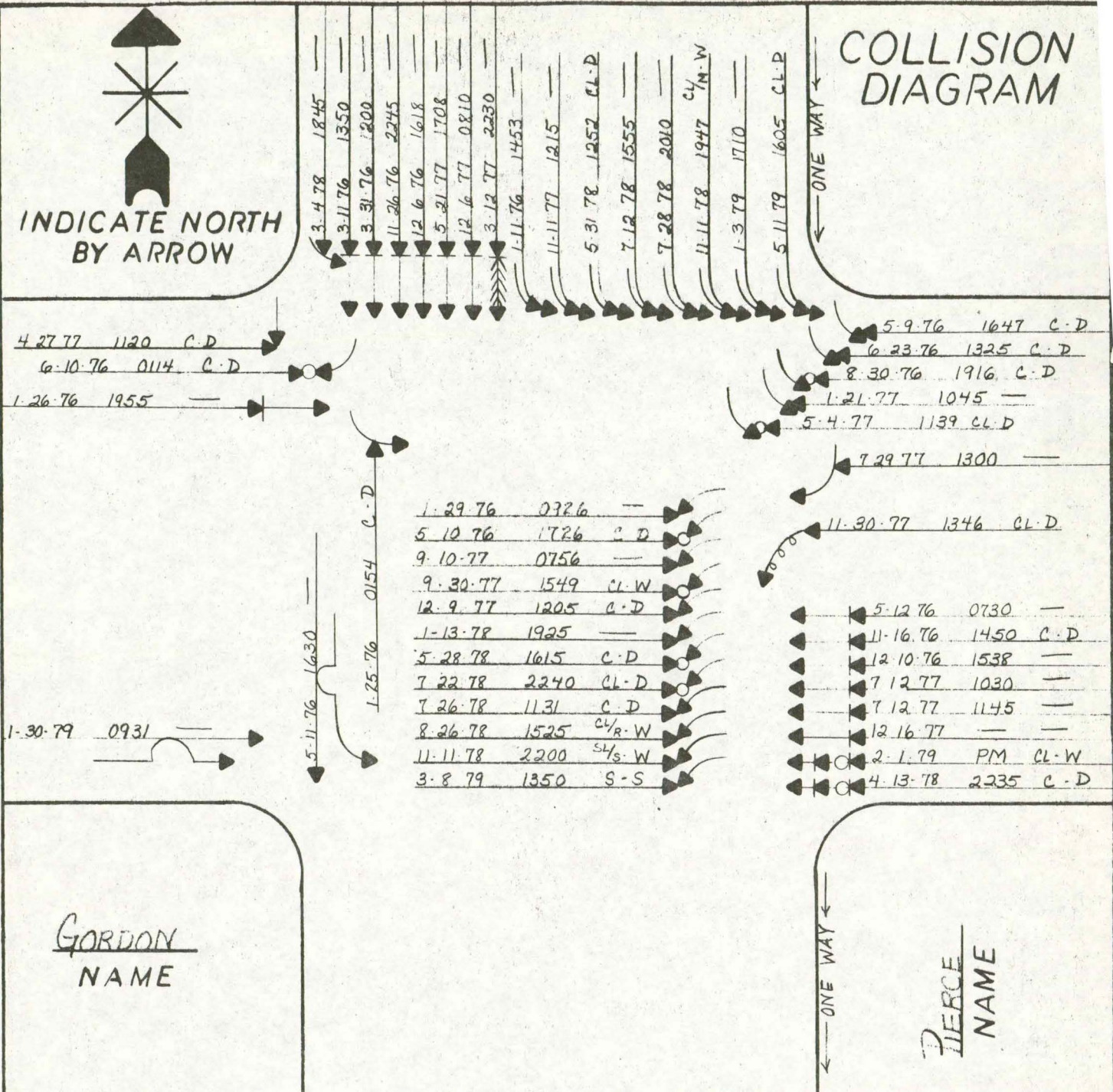
  

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 17                         | 1976                   | 4              |
| Icy                       | 0                          | 1977                   | 3.5            |
| Wet                       | <u>5</u>                   | 1978                   | 3.3            |
| <b>Totals</b>             | 22                         | 1979                   | <u>3.5</u>     |
|                           |                            | 4 year Average         | 3.6            |



INDICATE NORTH BY ARROW

# COLLISION DIAGRAM



- 3-4-78 1845
- 3-11-76 1350
- 3-31-76 1800
- 11-26-76 2245
- 12-6-76 1618
- 5-21-77 1708
- 12-6-77 0810
- 3-12-77 2230
- 1-11-76 1453
- 11-11-77 1215
- 5-31-78 1252 CL-D
- 7-12-78 1555
- 7-28-78 2010
- 11-11-78 1947 CL-W
- 1-3-79 1710
- 5-11-79 1605 CL-D

- 4-27-77 1120 C-D
- 6-10-76 0114 C-D
- 1-26-76 1955

- 5-9-76 1647 C-D
- 6-23-76 1325 C-D
- 8-30-76 1916 C-D
- 1-21-77 1045
- 5-4-77 1139 CL-D
- 7-29-77 1300

- 1-29-76 0726
- 5-10-76 1726 C-D
- 9-10-77 0756
- 9-30-77 1549 CL-W
- 12-9-77 1205 C-D
- 1-13-78 1925
- 5-28-78 1615 C-D
- 7-22-78 2240 CL-D
- 7-26-78 1131 C-D
- 8-26-78 1525 CL-R-W
- 11-11-78 2200 SH-S-W
- 3-8-79 1350 S-S

- 11-30-77 1346 CL-D
- 5-12-76 0730
- 11-16-76 1450 C-D
- 12-10-76 1538
- 7-12-77 1030
- 7-12-77 1145
- 12-16-77
- 2-1-79 PM CL-W
- 4-13-78 2235 C-D

GORDON  
NAME

PIERCE  
NAME

- SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←→ REAR END
- ←→ HEAD ON
- ←→ SIDE SWIPE
- ←→ OUT OF CONTROL
- ←→ LEFT TURN
- ↑→ RIGHT ANGLE

WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

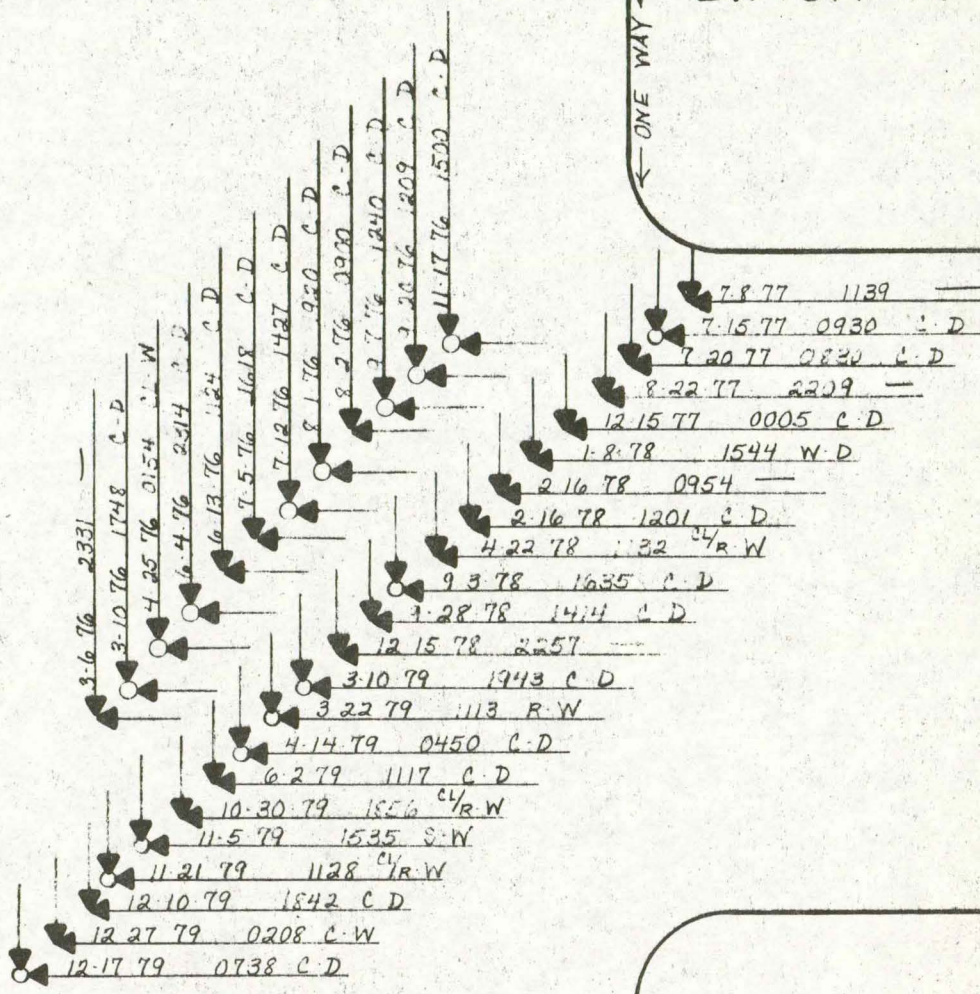
INTERSECTION GORDON DR AND PIERCE  
 PERIOD 4 YEARS : FROM 1976 TO 1979



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM

← ONE WAY ←



GORDON  
NAME

PIERCE  
NAME

← ONE WAY ←

| - SYMBOLS -  | TYPE OF COLLISION  | WEATHER ROAD CONDITIONS  |         |       |           |       |        |        |        |       |          |          |       |       |        |         |            |           |
|--|--|--|---------|-------|-----------|-------|--------|--------|--------|-------|----------|----------|-------|-------|--------|---------|------------|-----------|
| <ul style="list-style-type: none"> <li>← MOVING VEHICLE</li> <li>←←← BACKING VEHICLE</li> <li>←--- NON-INV. VEHICLE</li> <li>X--- PEDESTRIAN</li> <li>☐ PARKED VEHICLE</li> <li>◻ FIXED OBJECT</li> <li>● FATAL ACCIDENT</li> <li>○ INJURY ACCIDENT</li> </ul> | <ul style="list-style-type: none"> <li>←← REAR END</li> <li>←→ HEAD ON</li> <li>←↘ SIDE SWIPE</li> <li>←eee OUT OF CONTROL</li> <li>←↪ LEFT TURN</li> <li>↑ RIGHT ANGLE</li> </ul> | <table border="0"> <tr> <td>C-CLEAR</td> <td>D-DRY</td> </tr> <tr> <td>CL-CLOUDY</td> <td>W-WET</td> </tr> <tr> <td>R-RAIN</td> <td>S-SNOW</td> </tr> <tr> <td>S-SNOW</td> <td>I-ICE</td> </tr> <tr> <td>SL-SLEET</td> <td>SL-SLUSH</td> </tr> <tr> <td>F-FOG</td> <td>M-MUD</td> </tr> <tr> <td>M-MIST</td> <td>O-OTHER</td> </tr> <tr> <td>W-HIGHWIND</td> <td>(SPECIFY)</td> </tr> </table> | C-CLEAR | D-DRY | CL-CLOUDY | W-WET | R-RAIN | S-SNOW | S-SNOW | I-ICE | SL-SLEET | SL-SLUSH | F-FOG | M-MUD | M-MIST | O-OTHER | W-HIGHWIND | (SPECIFY) |
| C-CLEAR  | D-DRY  |  |         |       |           |       |        |        |        |       |          |          |       |       |        |         |            |           |
| CL-CLOUDY  | W-WET  |  |         |       |           |       |        |        |        |       |          |          |       |       |        |         |            |           |
| R-RAIN   | S-SNOW   |  |         |       |           |       |        |        |        |       |          |          |       |       |        |         |            |           |
| S-SNOW   | I-ICE  |  |         |       |           |       |        |        |        |       |          |          |       |       |        |         |            |           |
| SL-SLEET   | SL-SLUSH   |  |         |       |           |       |        |        |        |       |          |          |       |       |        |         |            |           |
| F-FOG  | M-MUD  |  |         |       |           |       |        |        |        |       |          |          |       |       |        |         |            |           |
| M-MIST   | O-OTHER  |  |         |       |           |       |        |        |        |       |          |          |       |       |        |         |            |           |
| W-HIGHWIND   | (SPECIFY)  |  |         |       |           |       |        |        |        |       |          |          |       |       |        |         |            |           |

INTERSECTION GORDON DR AND PIERCE  
 PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION Gordon Dr. + Pierce St.

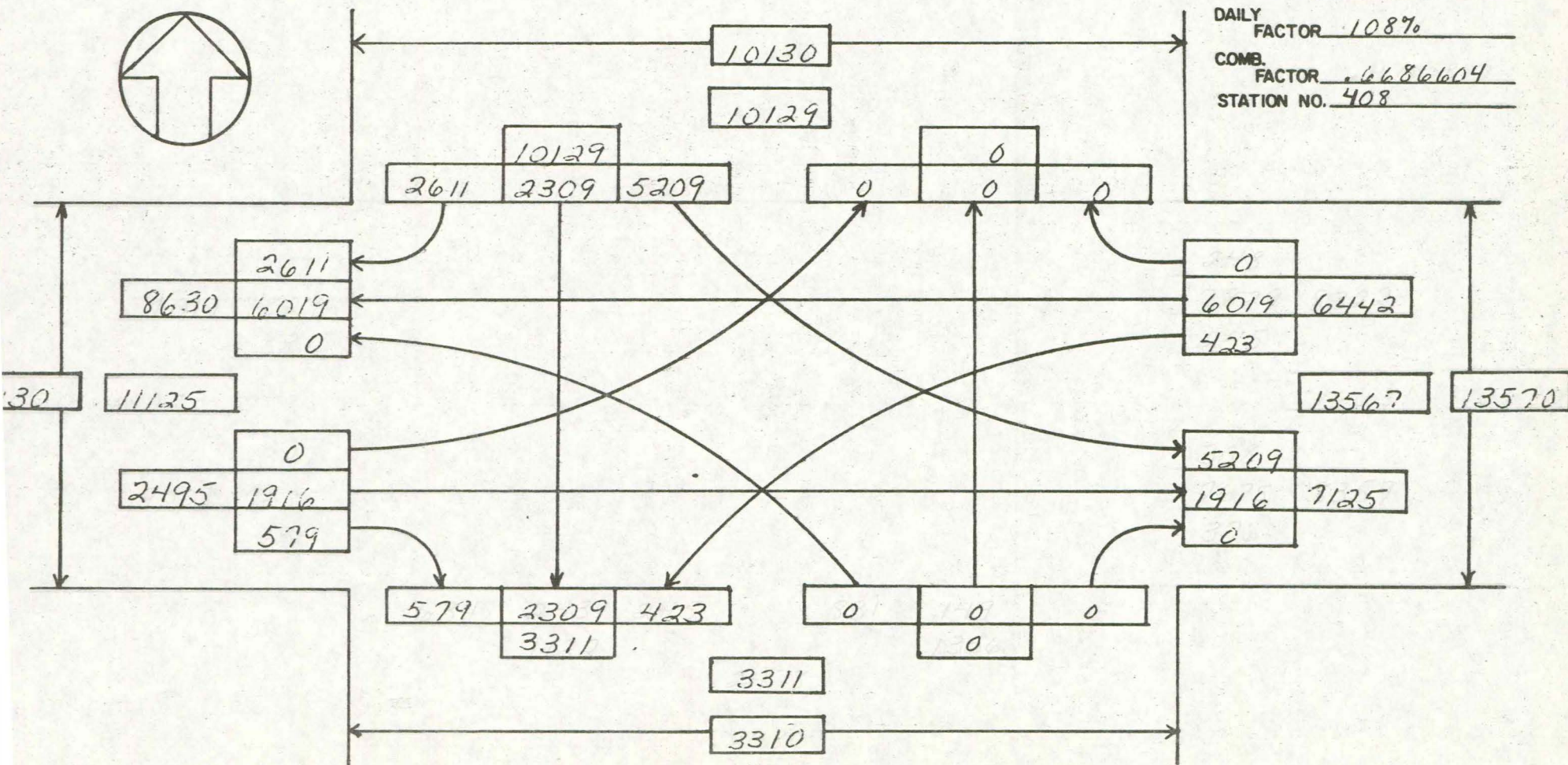
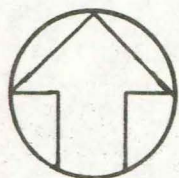
DATE 7-24-79

DAY Tuesday WEATHER cloudy cool

HOURS COUNTED 7-12am; 1-6pm

HOURS SHOWN 24 hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 61.3%  
 MONTHLY FACTOR 101%  
 DAILY FACTOR 108%  
 COMB. FACTOR .6686604  
 STATION NO. 408



## Accident Summary

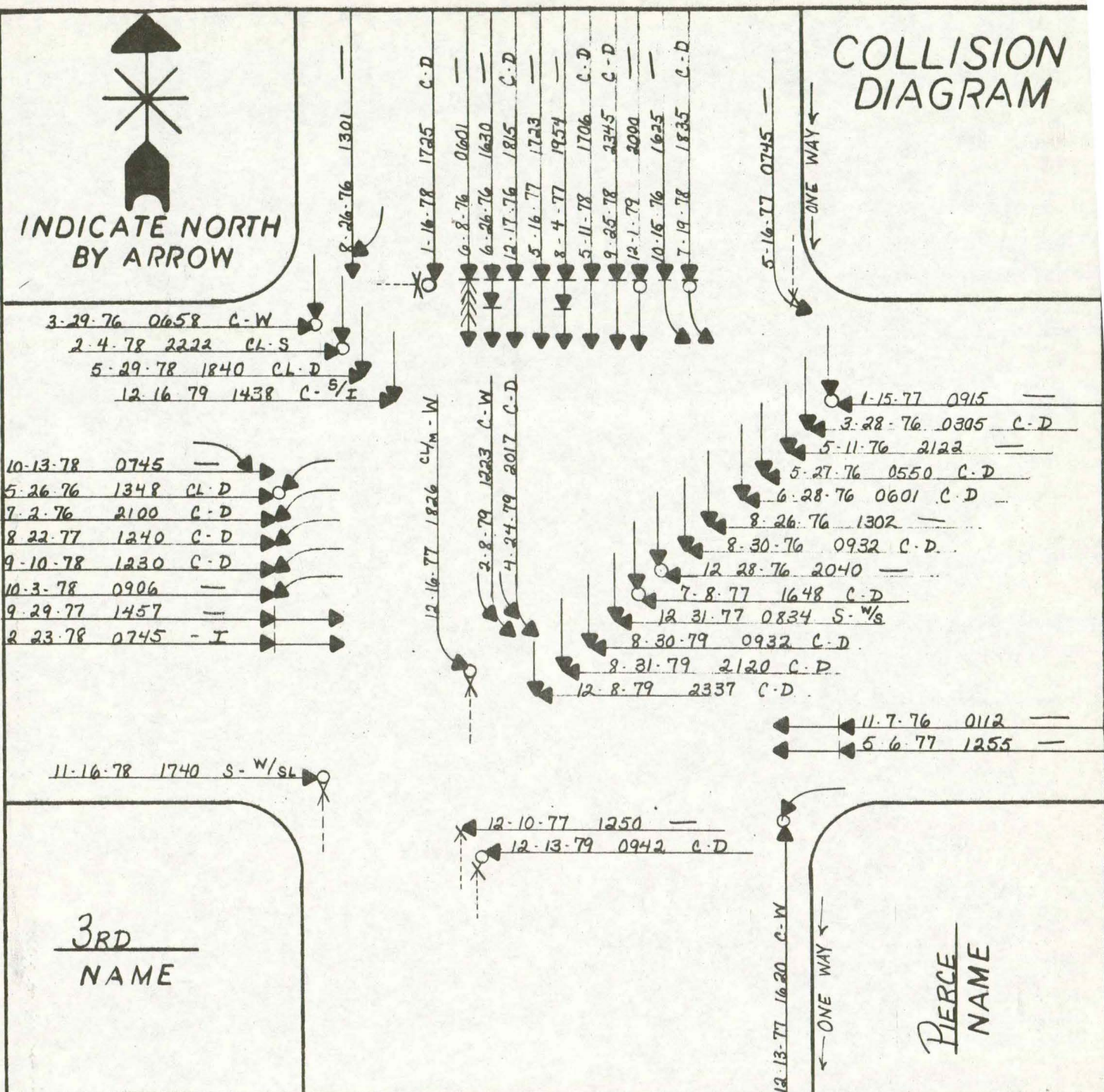
3RD & PIERCE

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">10</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">9</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">11</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">11</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">4</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>2</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">47</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 10 | 10:00 a.m. - 2:00 p.m. | 9  | 2:00 p.m. - 6:00 p.m. | 11       | 6:00 p.m. - 10:00 p.m. | 11       | 10:00 p.m. - 2:00 a.m.   | 4                      | 2:00 a.m. - 6:00 a.m.  | <u>2</u>                     | <b>Totals</b>             | 47                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">15</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">15</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">8</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>3</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">46</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0          | Rear End           | 15        | Right Angle   | 15 | Left Turn | 5 | Pedestrian | 8 | Other | <u>3</u> | <b>Totals</b> | 46 |
|---|----------------------------|----------------------------|------------------------|----|------------------------|----|-----------------------|----------|------------------------|----------|--|------------------------|--|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|------------|--------------------|-----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.  | 10                         |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.  | 9                          |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.   | 11                         |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.  | 11                         |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.  | 4                          |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.   | <u>2</u>                   |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 47                         |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Sideswipe   | 0                          |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Rear End  | 15                         |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Right Angle   | 15                         |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Left Turn   | 5                          |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Pedestrian  | 8                          |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Other   | <u>3</u>                   |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 46                         |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb.)</td> <td style="text-align: center;">15</td> </tr> <tr> <td>Spring ( March - May)</td> <td style="text-align: center;">11</td> </tr> <tr> <td>Summer ( June - Aug.)</td> <td style="text-align: center;">12</td> </tr> <tr> <td>Fall ( Sept. - Nov.)</td> <td style="text-align: center;"><u>9</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">47</td> </tr> </tbody> </table>   | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb.)  | 15 | Spring ( March - May)  | 11 | Summer ( June - Aug.) | 12       | Fall ( Sept. - Nov.)   | <u>9</u> | <b>Totals</b>  | 47                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">50</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">1</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">19</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>21</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">91</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 50  | South ( Northbound )  | 1                          | East ( Westbound ) | 19         | West ( Eastbound ) | <u>21</u> | <b>Totals</b> | 91 |           |   |            |   |       |          |               |    |
| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb.)   | 15                         |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May)   | 11                         |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug.)   | 12                         |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov.)  | <u>9</u>                   |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 47                         |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )  | 50                         |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )  | 1                          |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )  | 19                         |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )  | <u>21</u>                  |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 91                         |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">18</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>8</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">28</td> </tr> </tbody> </table>   | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 18 | Icy                    | 2  | Wet                   | <u>8</u> | <b>Totals</b>          | 28       | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">3.2</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">3.7</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">3.6</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>3.6</u></td> </tr> <tr> <td style="text-align: center;">4 year Average</td> <td style="text-align: center;">3.5</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>   | 1976                         | 3.2                       | 1977                 | 3.7   | 1978                  | 3.6                        | 1979               | <u>3.6</u> | 4 year Average     | 3.5       |               |    |           |   |            |   |       |          |               |    |
| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Dry   | 18                         |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Icy   | 2                          |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Wet   | <u>8</u>                   |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 28                         |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1976  | 3.2                        |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1977  | 3.7                        |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1978  | 3.6                        |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1979  | <u>3.6</u>                 |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| 4 year Average  | 3.5                        |                            |                        |    |                        |    |                       |          |                        |          |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |

# COLLISION DIAGRAM



INDICATE NORTH BY ARROW



- SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←→ REAR END
- ←→ HEAD ON
- ←→ SIDE SWIPE
- ←→ OUT OF CONTROL
- ←→ LEFT TURN
- ↑ RIGHT ANGLE

WEATHER ROAD CONDITIONS

- |            |                   |
|------------|-------------------|
| C-CLEAR    | D-DRY             |
| CL-CLOUDY  | W-WET             |
| R-RAIN     | S-SNOW            |
| S-SNOW     | I-ICE             |
| SL-SLEET   | SL-SLUSH          |
| F-FOG      | M-MUD             |
| M-MIST     | O-OTHER (SPECIFY) |
| W-HIGHWIND |                   |

INTERSECTION 3RD AND PIERCE  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

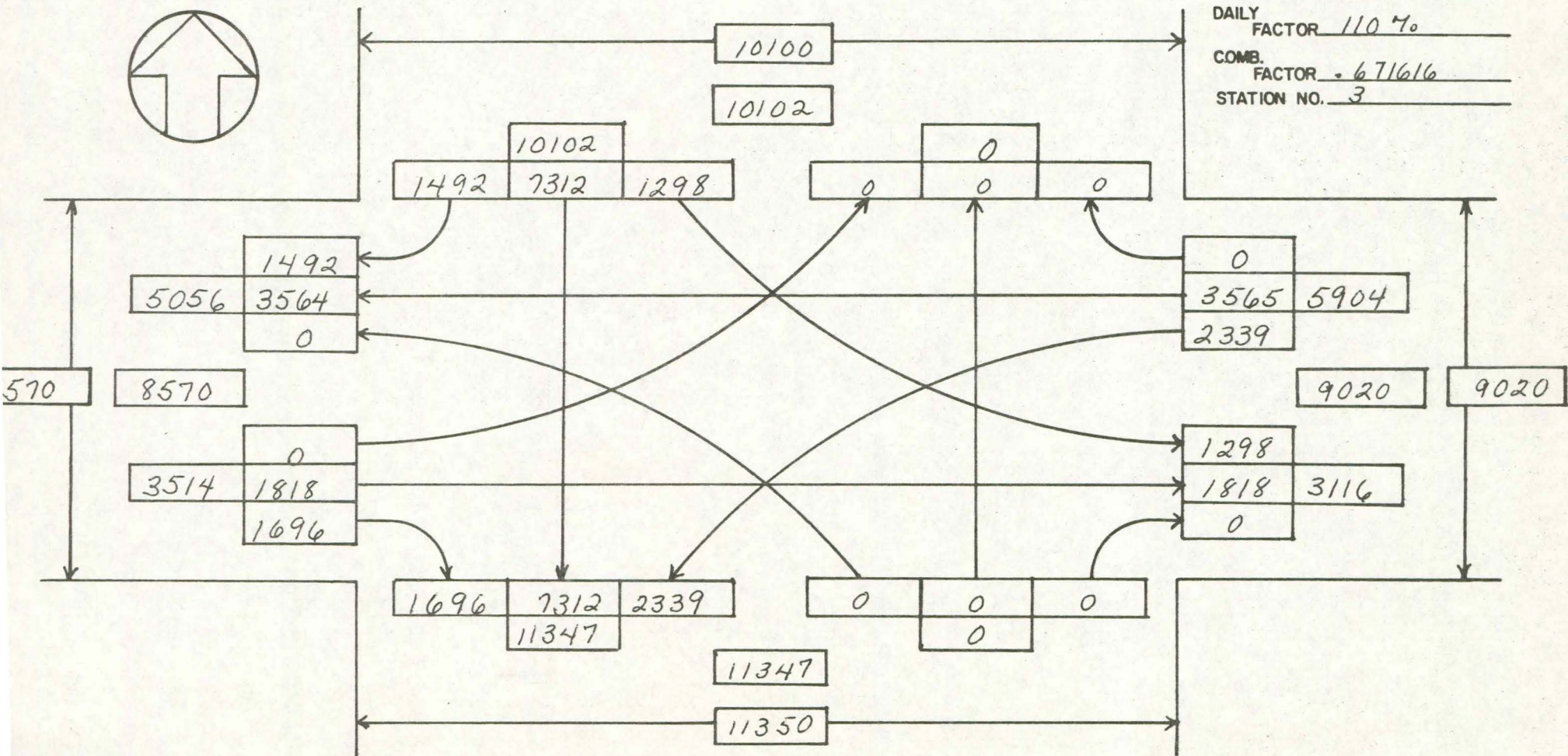
FLOW DIAGRAM

INTERSECTION 3RD + PIERCE STS.

DATE 7-6-79 DAY Friday WEATHER clear

HOURS COUNTED 7-12am ; 1-6pm HOURS SHOWN 24 Hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 63.6%  
 MONTHLY FACTOR 96%  
 DAILY FACTOR 110%  
 COMB. FACTOR .671616  
 STATION NO. 3



## Accident Summary

6th & Nebraska

| <u>Time of Day</u>     | <u>Number of<br/>Accidents</u> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| 6:00 a.m. - 10:00 a.m. | 9                              | Sideswipe             | 0                              |
| 10:00 a.m. - 2:00 p.m. | 8                              | Rear End              | 16                             |
| 2:00 p.m. - 6:00 p.m.  | 12                             | Right Angle           | 24                             |
| 6:00 p.m. - 10:00 p.m. | 12                             | Left Turn             | 0                              |
| 10:00 p.m. - 2:00 a.m. | 8                              | Pedestrian            | 0                              |
| 2:00 a.m. - 6:00 a.m.  | <u>1</u>                       | Other                 | <u>10</u>                      |
| <b>Totals</b>          | <b>50</b>                      | <b>Totals</b>         | <b>50</b>                      |

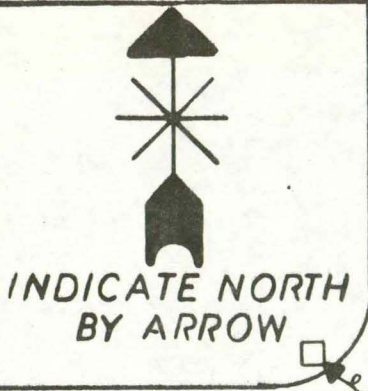
  

| <u>Time of Year</u>    | <u>Number of<br/>Accidents</u> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> |
|------------------------|--------------------------------|------------------------------|-------------------------------|
| Winter ( Dec. - Feb.)  | 17                             | North ( Southbound )         | 0                             |
| Spring ( March - May ) | 9                              | South ( Northbound )         | 53                            |
| Summer ( June - Aug. ) | 12                             | East ( Westbound )           | 46                            |
| Fall ( Sept. - Nov. )  | <u>12</u>                      | West ( Eastbound )           | <u>0</u>                      |
| <b>Totals</b>          | <b>50</b>                      | <b>Totals</b>                | <b>99</b>                     |

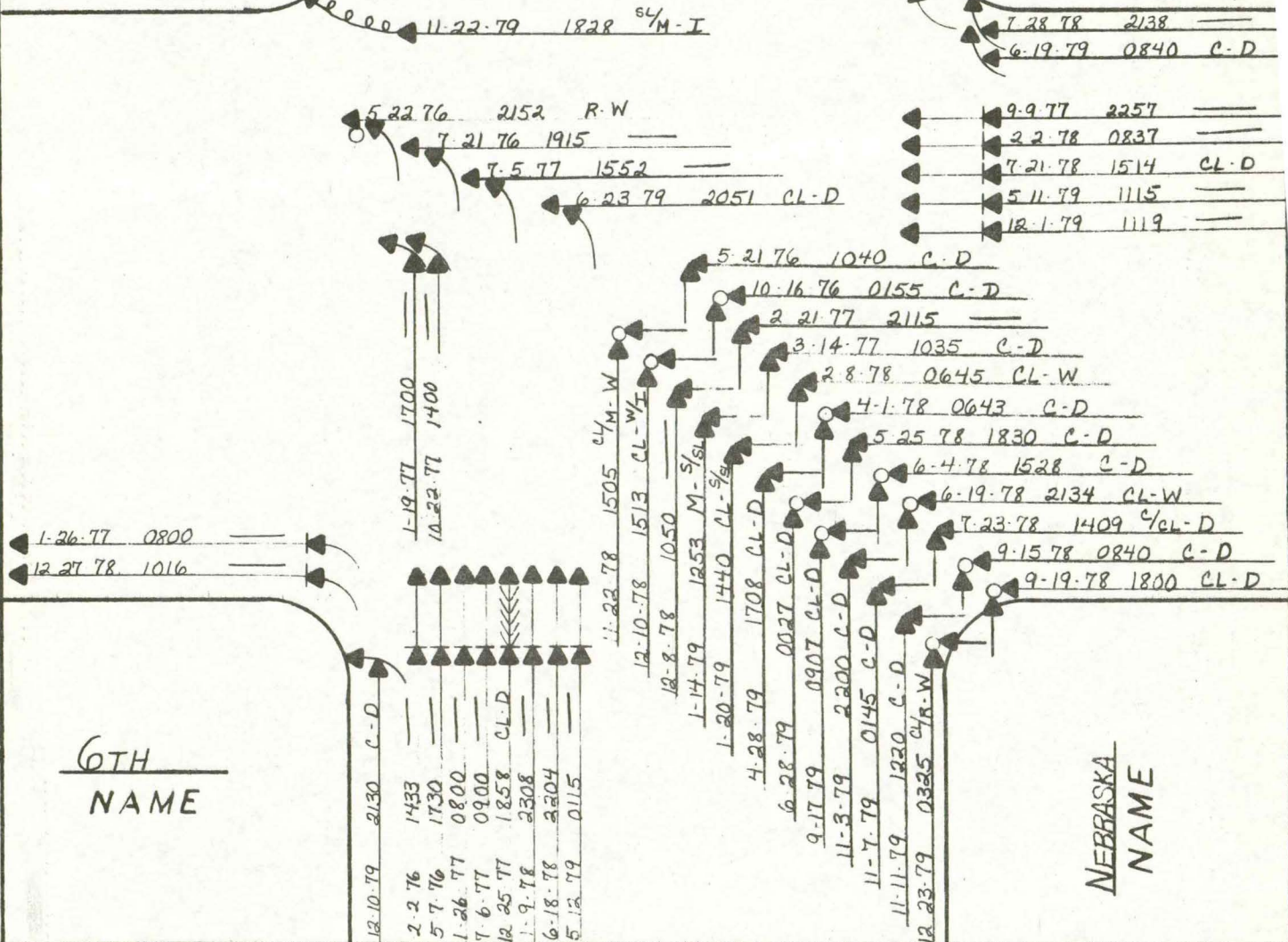
  

| <u>Pavement Condition</u> | <u>Number of<br/>Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|--------------------------------|------------------------|----------------|
| Dry                       | 20                             | I976                   | 4              |
| Icy                       | 2                              | I977                   | 4              |
| Wet                       | <u>6</u>                       | I978                   | 3.3            |
| <b>Totals</b>             | <b>28</b>                      | I979                   | <u>3</u>       |
|                           |                                | 4 year Average         | 3.5            |





# COLLISION DIAGRAM



## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ←- - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←eee OUT OF CONTROL
- ←↙ LEFT TURN
- ↑ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 6TH AND NEBRASKA  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 6th + Nebraska Sts.

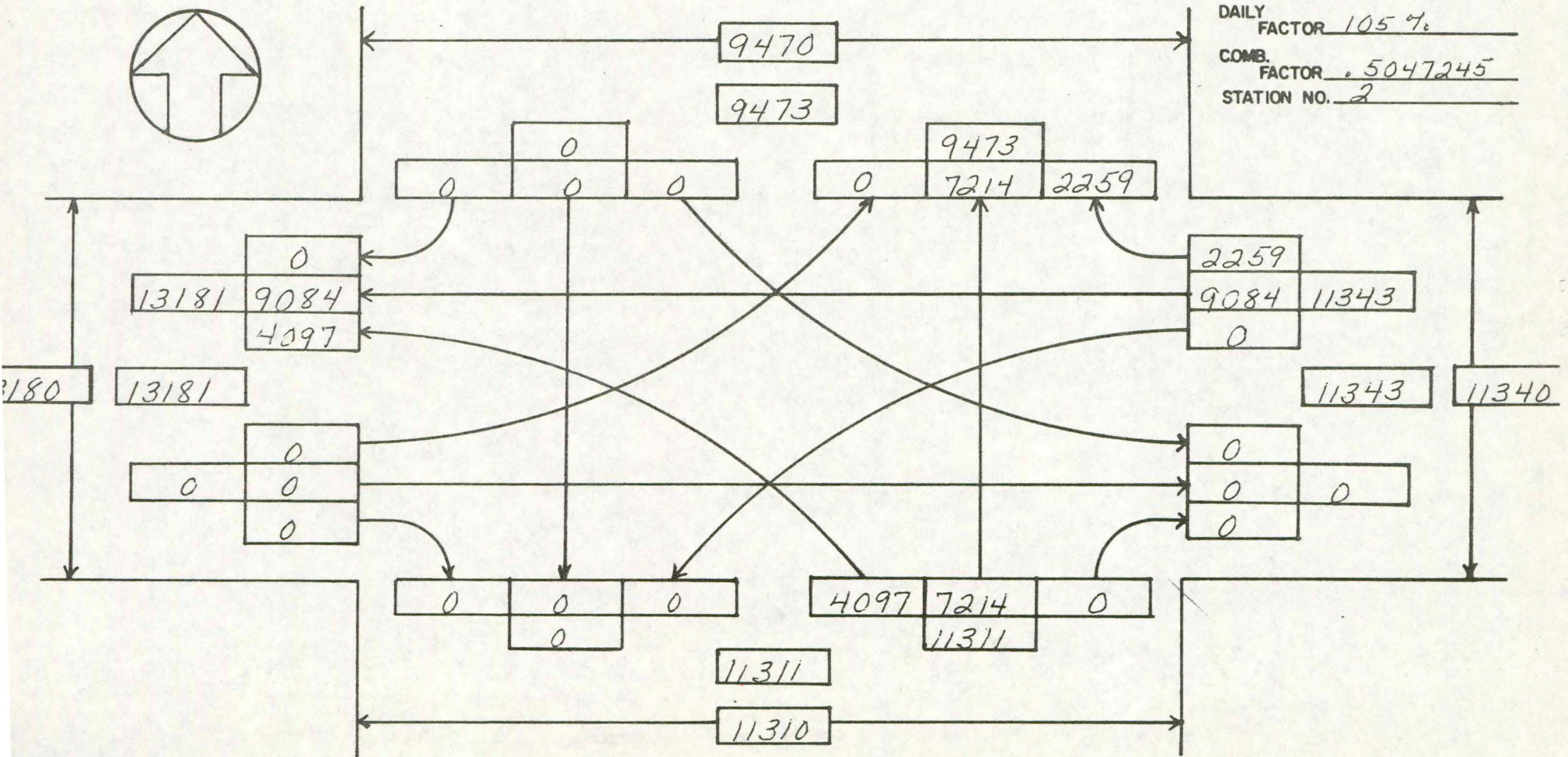
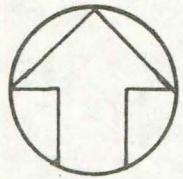
DATE 7-3-80

DAY Thursday WEATHER cloudy-sunny

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 441%  
 MONTHLY FACTOR 109%  
 DAILY FACTOR 105%  
 COMB. FACTOR .5047245  
 STATION NO. 2



## Accident Summary

6TH & JACKSON

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 8                          | Sideswipe             | 0                          |
| 10:00 a.m. - 2:00 p.m. | 21                         | Rear End              | 21                         |
| 2:00 p.m. - 6:00 p.m.  | 8                          | Right Angle           | 14                         |
| 6:00 p.m. - 10:00 p.m. | 2                          | Left Turn             | 1                          |
| 10:00 p.m. - 2:00 a.m. | 5                          | Pedestrian            | 1                          |
| 2:00 a.m. - 6:00 a.m.  | <u>1</u>                   | Other                 | <u>8</u>                   |
| <b>Totals</b>          | 45                         | <b>Totals</b>         | 45                         |

| <u>Time of Year</u>   | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|-----------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb.) | 14                         | North ( Southbound )         | 27                        |
| Spring ( March - May) | 12                         | South ( Northbound )         | 17                        |
| Summer ( June - Aug.) | 10                         | East ( Westbound )           | 52                        |
| Fall ( Sept. - Nov.)  | <u>9</u>                   | West ( Eastbound )           | <u>1</u>                  |
| <b>Totals</b>         | 45                         | <b>Totals</b>                | 97                        |

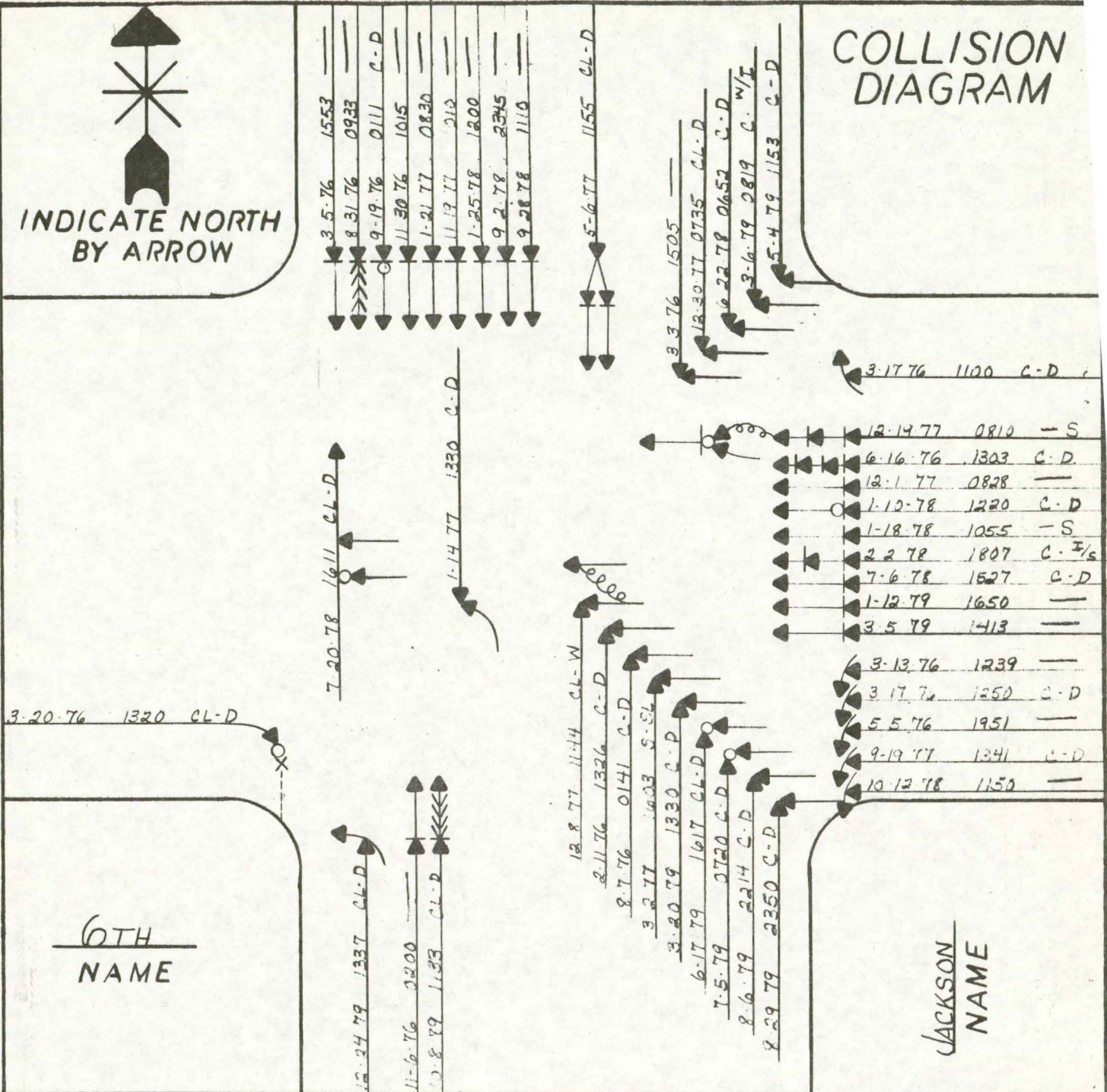
  

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 23                         | 1976                   | 3.5            |
| Icy                       | 2                          | 1977                   | 4              |
| Wet                       | <u>5</u>                   | 1978                   | 4              |
| <b>Totals</b>             | 30                         | 1979                   | <u>3.4</u>     |
|                           |                            | 4 year Average         | 3.7            |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM



- SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←→ REAR END
- ←→ HEAD ON
- ←→ SIDE SWIPE
- ←→ OUT OF CONTROL
- ←→ LEFT TURN
- ←→ RIGHT ANGLE

WEATHER ROAD  
CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGH WIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION 6TH AND JACKSON  
 PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 6th + Jackson Sts

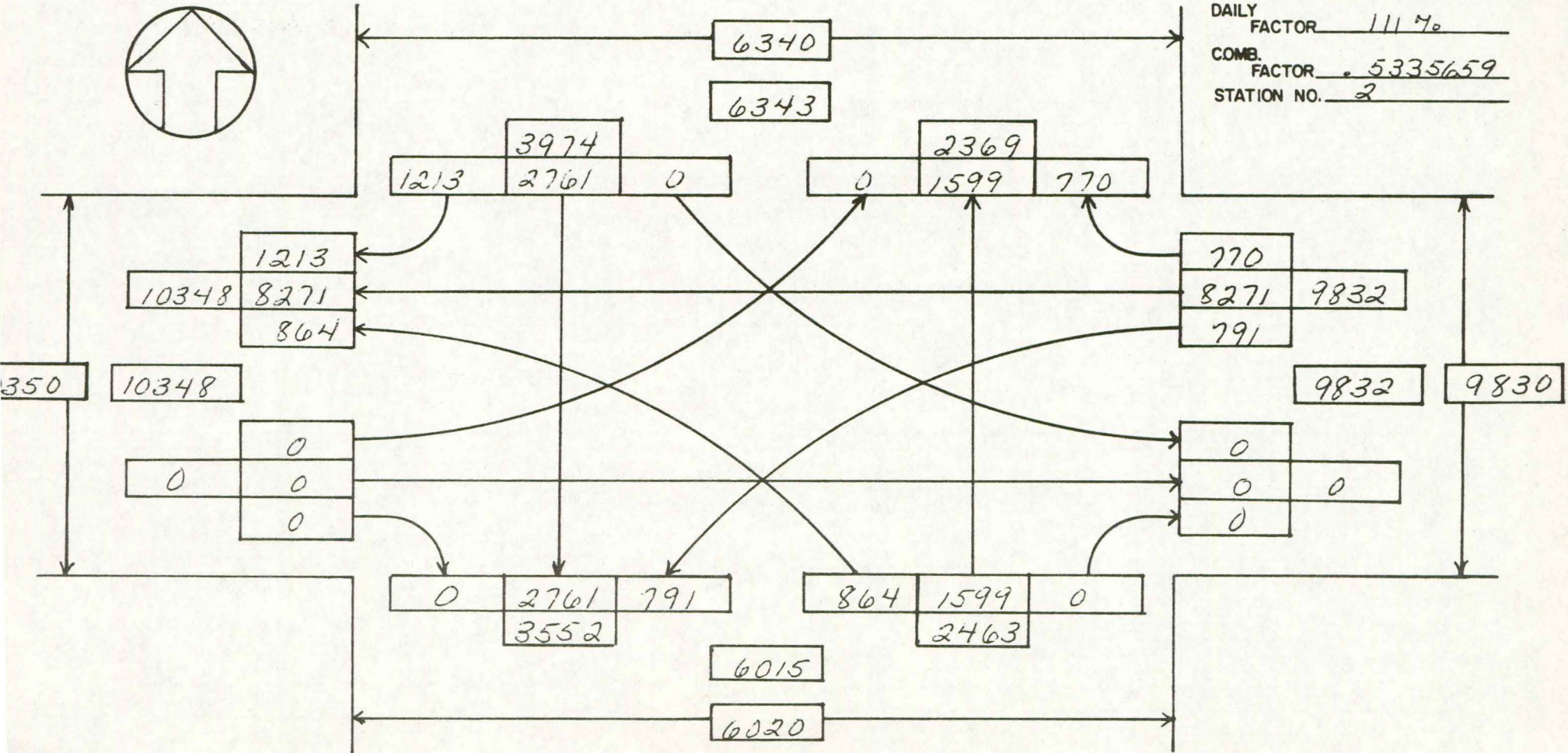
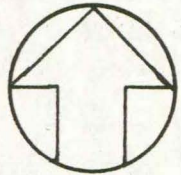
DATE 7-18 80

DAY Friday WEATHER cloudy

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 Hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 44.1%  
 MONTHLY FACTOR 109%  
 DAILY FACTOR 111%  
 COMB. FACTOR .5335659  
 STATION NO. 2



## Accident Summary

FAIRMONT & VINE

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">6</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">5</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">15</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 2 | 10:00 a.m. - 2:00 p.m. | 6 | 2:00 p.m. - 6:00 p.m.  | 5        | 6:00 p.m. - 10:00 p.m. | 2        | 10:00 p.m. - 2:00 a.m.  | 0                      | 2:00 a.m. - 6:00 a.m.   | <u>0</u>                     | <b>Totals</b>             | 15                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">13</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>1</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">16</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0        | Rear End              | 2        | Right Angle   | 13 | Left Turn | 0 | Pedestrian | 0 | Other | <u>1</u> | <b>Totals</b> | 16 |
|--|----------------------------|----------------------------|------------------------|---|------------------------|---|------------------------|----------|------------------------|----------|---|------------------------|---|------------------------------|---------------------------|----------------------|--|-----------------------|----------------------------|--------------------|----------|-----------------------|----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.   | 2                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.   | 6                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.  | 5                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.   | 2                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 15                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Sideswipe  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Rear End   | 2                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Right Angle  | 13                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Left Turn  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Pedestrian   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Other  | <u>1</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 16                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">4</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;"><u>7</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">16</td> </tr> </tbody> </table>   | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb. ) | 5 | Spring ( March - May ) | 0 | Summer ( June - Aug. ) | 4        | Fall ( Sept. - Nov. )  | <u>7</u> | <b>Totals</b>   | 16                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">10</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">8</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">12</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>2</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">32</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 10   | South ( Northbound )  | 8                          | East ( Westbound ) | 12       | West ( Eastbound )    | <u>2</u> | <b>Totals</b> | 32 |           |   |            |   |       |          |               |    |
| <u>Time of Year</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb. )   | 5                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May )   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug. )   | 4                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov. )  | <u>7</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 16                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>   | <u>Number of Vehicles</u>  |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )   | 10                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )   | 8                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )   | 12                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )   | <u>2</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 32                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">7</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">4</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>1</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">12</td> </tr> </tbody> </table>   | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 7 | Icy                    | 4 | Wet                    | <u>1</u> | <b>Totals</b>          | 12       | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">2.5</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">4</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>3</u></td> </tr> <tr> <td><b>4 year Average</b></td> <td style="text-align: center;">3.2</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>  | 1976                         | 0                         | 1977                 | 2.5  | 1978                  | 4                          | 1979               | <u>3</u> | <b>4 year Average</b> | 3.2      |               |    |           |   |            |   |       |          |               |    |
| <u>Pavement Condition</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Dry  | 7                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Icy  | 4                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Wet  | <u>1</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 12                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>   | <u>Average</u>             |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 1976   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 1977   | 2.5                        |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 1978   | 4                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 1979   | <u>3</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>4 year Average</b>  | 3.2                        |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |

# COLLISION DIAGRAM



INDICATE NORTH BY ARROW

11-5-79 1605 CLS-W

6-12-76 1549

2-3-79 1647 CLS-W

1-18-77 1215 C-D  
 12-13-78 1050 C-W  
 1-20-79 1735 CL-W/S  
 8-8-79 1315 CL W  
 9-6-79 1843 C-D  
 11-26-79 — C-D

2-27-76 0810 —  
 9-8-77 1846 CL-D  
 11-28-77 1420 —  
 1-3-78 0750 C-T/S  
 9-13-78 1140 C-D  
 10-19-76 1000 C-D

7-25-78 1540 L-D

VINE  
NAME

FAIRMONT  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←→ BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ☐ PARKED VEHICLE
- ☐ FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←→ REAR END
- ←→ HEAD ON
- ←→ SIDE SWIPE
- ←→ OUT OF CONTROL
- ←→ LEFT TURN
- ↑ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- C-CLEAR
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- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION So. FAIRMONT AND VINE  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION FAIRMONT ST + VINE AVE

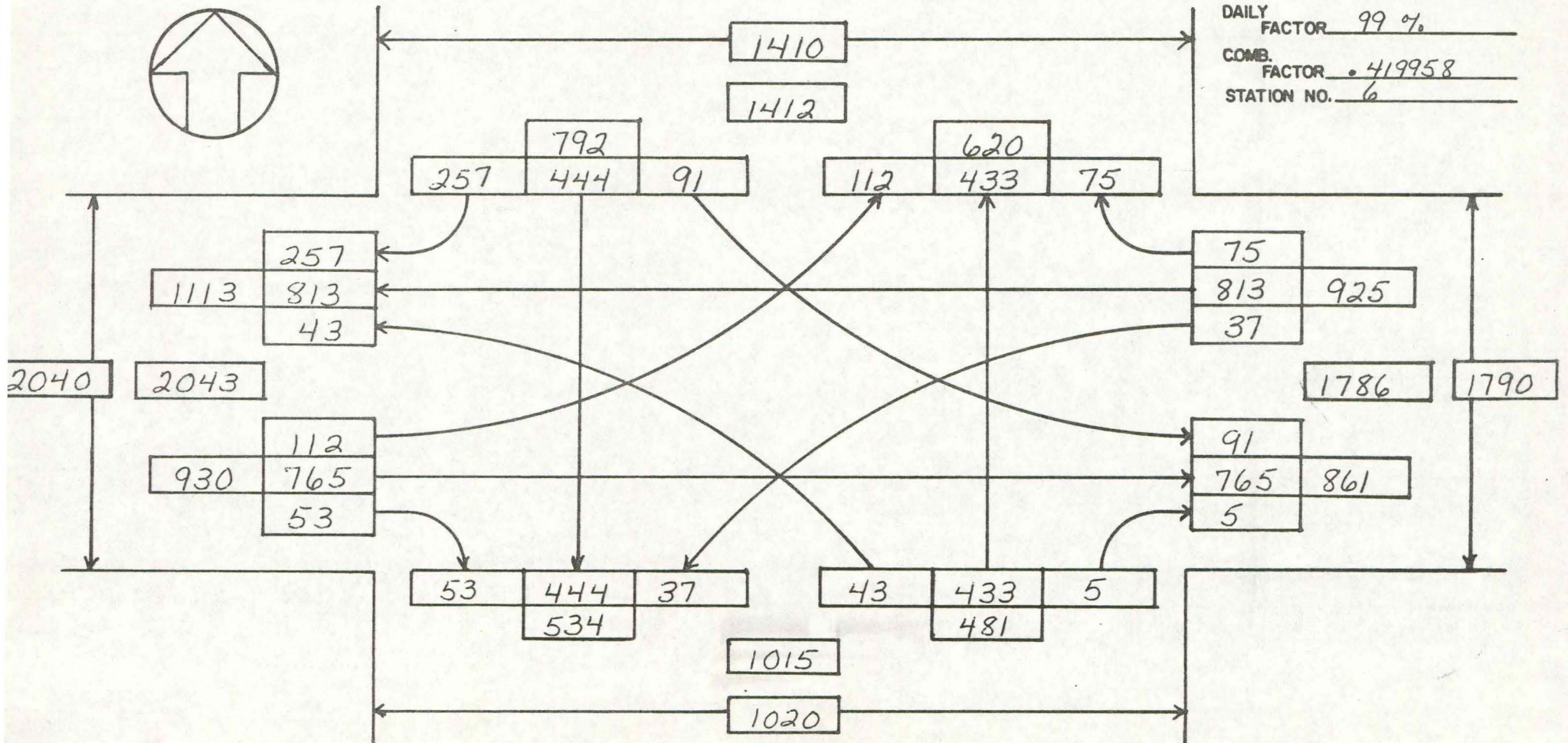
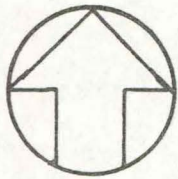
DATE 11-5-80

DAY WEDNESDAY WEATHER partly cloudy 32° am; sunny 60° pm

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 HRS FACTORED

CONVERSION FACTORS  
 EXPANSION FACTOR 42%  
 MONTHLY FACTOR 101%  
 DAILY FACTOR 99%  
 COMB. FACTOR .419958  
 STATION NO. 6





## Accident Summary

8TH & DOUGLAS

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">8</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">4</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">8</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>1</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">26</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 8 | 10:00 a.m. - 2:00 p.m. | 4 | 2:00 p.m. - 6:00 p.m.  | 8        | 6:00 p.m. - 10:00 p.m. | 2        | 10:00 p.m. - 2:00 a.m.  | 3                      | 2:00 a.m. - 6:00 a.m.  | <u>1</u>                     | Totals                    | 26                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">8</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">15</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>4</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">27</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0        | Rear End           | 8         | Right Angle | 15 | Left Turn | 0 | Pedestrian | 0 | Other | <u>4</u> | Totals | 27 |
|--|----------------------------|----------------------------|------------------------|---|------------------------|---|------------------------|----------|------------------------|----------|---|------------------------|--|------------------------------|---------------------------|----------------------|--|-----------------------|----------------------------|--------------------|----------|--------------------|-----------|-------------|----|-----------|---|------------|---|-------|----------|--------|----|
| <u>Time of Day</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| 6:00 a.m. - 10:00 a.m.   | 8                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| 10:00 a.m. - 2:00 p.m.   | 4                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| 2:00 p.m. - 6:00 p.m.  | 8                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| 6:00 p.m. - 10:00 p.m.   | 2                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| 10:00 p.m. - 2:00 a.m.   | 3                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| 2:00 a.m. - 6:00 a.m.  | <u>1</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Totals   | 26                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| <u>Accidents Type</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Sideswipe  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Rear End   | 8                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Right Angle  | 15                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Left Turn  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Pedestrian   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Other  | <u>4</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Totals   | 27                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">8</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">8</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;"><u>6</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">27</td> </tr> </tbody> </table>   | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb. ) | 8 | Spring ( March - May ) | 8 | Summer ( June - Aug. ) | 5        | Fall ( Sept. - Nov. )  | <u>6</u> | Totals  | 27                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">0</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">25</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">10</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>20</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">55</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 0  | South ( Northbound )  | 25                         | East ( Westbound ) | 10       | West ( Eastbound ) | <u>20</u> | Totals      | 55 |           |   |            |   |       |          |        |    |
| <u>Time of Year</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Winter ( Dec. - Feb. )   | 8                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Spring ( March - May )   | 8                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Summer ( June - Aug. )   | 5                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Fall ( Sept. - Nov. )  | <u>6</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Totals   | 27                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| <u>Direction of Approach</u>   | <u>Number of Vehicles</u>  |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| North ( Southbound )   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| South ( Northbound )   | 25                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| East ( Westbound )   | 10                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| West ( Eastbound )   | <u>20</u>                  |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Totals   | 55                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">7</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>2</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">12</td> </tr> </tbody> </table>   | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 7 | Icy                    | 3 | Wet                    | <u>2</u> | Totals                 | 12       | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">3.7</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>3</u></td> </tr> <tr> <td style="text-align: right;">4 year Average</td> <td style="text-align: center;">3.4</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>   | 1976                         | 0                         | 1977                 | 3.7  | 1978                  | 0                          | 1979               | <u>3</u> | 4 year Average     | 3.4       |             |    |           |   |            |   |       |          |        |    |
| <u>Pavement Condition</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Dry  | 7                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Icy  | 3                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Wet  | <u>2</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Totals   | 12                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| <u>Injury Severity</u>   | <u>Average</u>             |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| 1976   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| 1977   | 3.7                        |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| 1978   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| 1979   | <u>3</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| 4 year Average   | 3.4                        |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM

8-5-77 1225 —  
3-6-79 0805 -I  
3-6-79 0832 -I

1-4-76 —  
5-3-76 0744 —

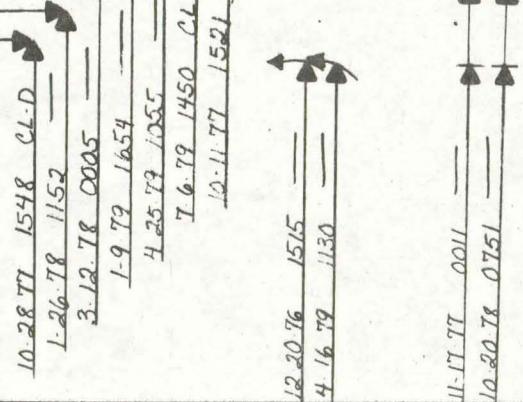
2-4-76 2030 —  
2-31-76 <sup>1415</sup> -1430 —  
2-14-77 1147 —

5-21-77 2134 C-I-D  
6-14-77 0610 —  
7-19-77 1532 C-D  
7-28-77 1400 C-D  
9-16-77 0646 C-D

2-5-78 0201 -I  
4-24-79 0800 C-D  
10-19-79 2225 <sup>CL</sup>/R-W

8TH  
NAME

DOUGLAS  
NAME



## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←↗ OUT OF CONTROL
- ←↙ LEFT TURN
- ↘↙ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 8TH AND DOUGLAS  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 8th & Douglas Sts.

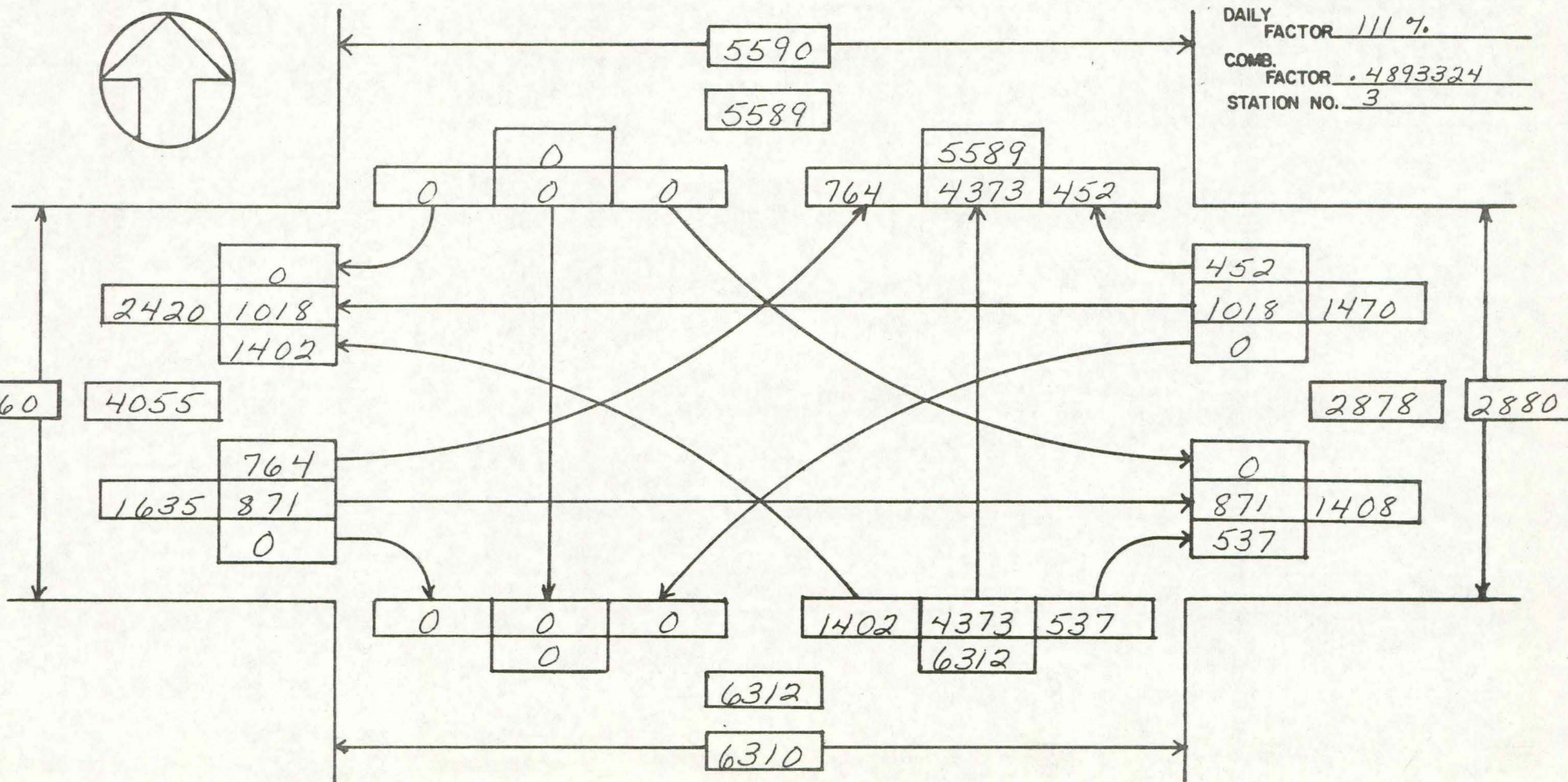
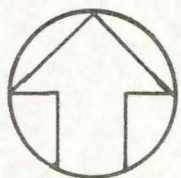
DATE 8-15-80

DAY Friday WEATHER overcast

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 42.8%  
 MONTHLY FACTOR 103%  
 DAILY FACTOR 111%  
 COMB. FACTOR .4893324  
 STATION NO. 3



## Accident Summary

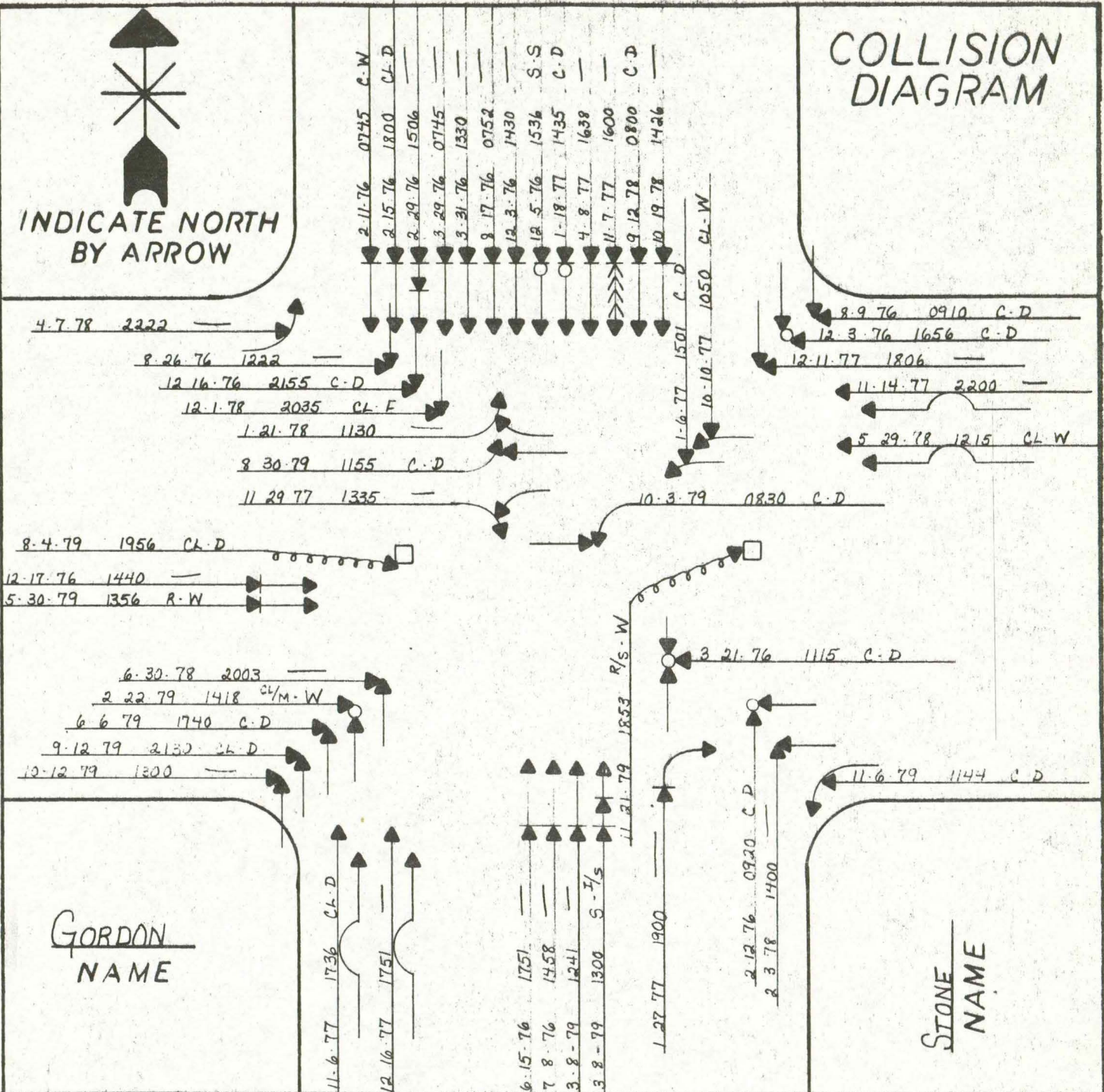
GORDON & STONE

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|--|----------------------------|----------------------------|------------------------|----|------------------------|----|------------------------|----------|------------------------|-----------|--|------------------------|---|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|----------|--------------------|-----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.   | 6                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.   | 13                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.  | 18                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.   | 9                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.   | 2                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 48                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Sideswipe  | 4                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Rear End   | 20                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Right Angle  | 13                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Left Turn  | 2                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Pedestrian   | 0                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Other  | <u>9</u>                   |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 48                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">18</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">9</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">9</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;"><u>12</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">48</td> </tr> </tbody> </table>   | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb. ) | 18 | Spring ( March - May ) | 9  | Summer ( June - Aug. ) | 9        | Fall ( Sept. - Nov. )  | <u>12</u> | <b>Totals</b>  | 48                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">36</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">24</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">18</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>19</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">97</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 36  | South ( Northbound )  | 24                         | East ( Westbound ) | 18       | West ( Eastbound ) | <u>19</u> | <b>Totals</b> | 97 |           |   |            |   |       |          |               |    |
| <u>Time of Year</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb. )   | 18                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May )   | 9                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug. )   | 9                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov. )  | <u>12</u>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 48                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>   | <u>Number of Vehicles</u>  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )   | 36                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )   | 24                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )   | 18                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )   | <u>19</u>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 97                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">17</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>7</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">27</td> </tr> </tbody> </table>  | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 17 | Icy                    | 3  | Wet                    | <u>7</u> | <b>Totals</b>          | 27        | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">3</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">4</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>4</u></td> </tr> <tr> <td style="text-align: center;">4 year Average</td> <td style="text-align: center;">3.7</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>  | 1976                         | 3                         | 1977                 | 4   | 1978                  | 0                          | 1979               | <u>4</u> | 4 year Average     | 3.7       |               |    |           |   |            |   |       |          |               |    |
| <u>Pavement Condition</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Dry  | 17                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Icy  | 3                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Wet  | <u>7</u>                   |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 27                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>   | <u>Average</u>             |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1976   | 3                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1977   | 4                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1978   | 0                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1979   | <u>4</u>                   |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 4 year Average   | 3.7                        |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM



- SYMBOLS -

- ← MOVING VEHICLE
- ←←←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ← X ← REAR END
- ← X → HEAD ON
- ← X ← SIDE SWIPE
- ← e e e e OUT OF CONTROL
- ← ↘ LEFT TURN
- ↑ RIGHT ANGLE

WEATHER ROAD  
CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION GORDON DR AND STONE  
 PERIOD 4 YEARS : FROM 1976 TO 1979

# VEHICLE VOLUME COUNT

## FLOW DIAGRAM

INTERSECTION Gordon Dr. \* Stone Ave.

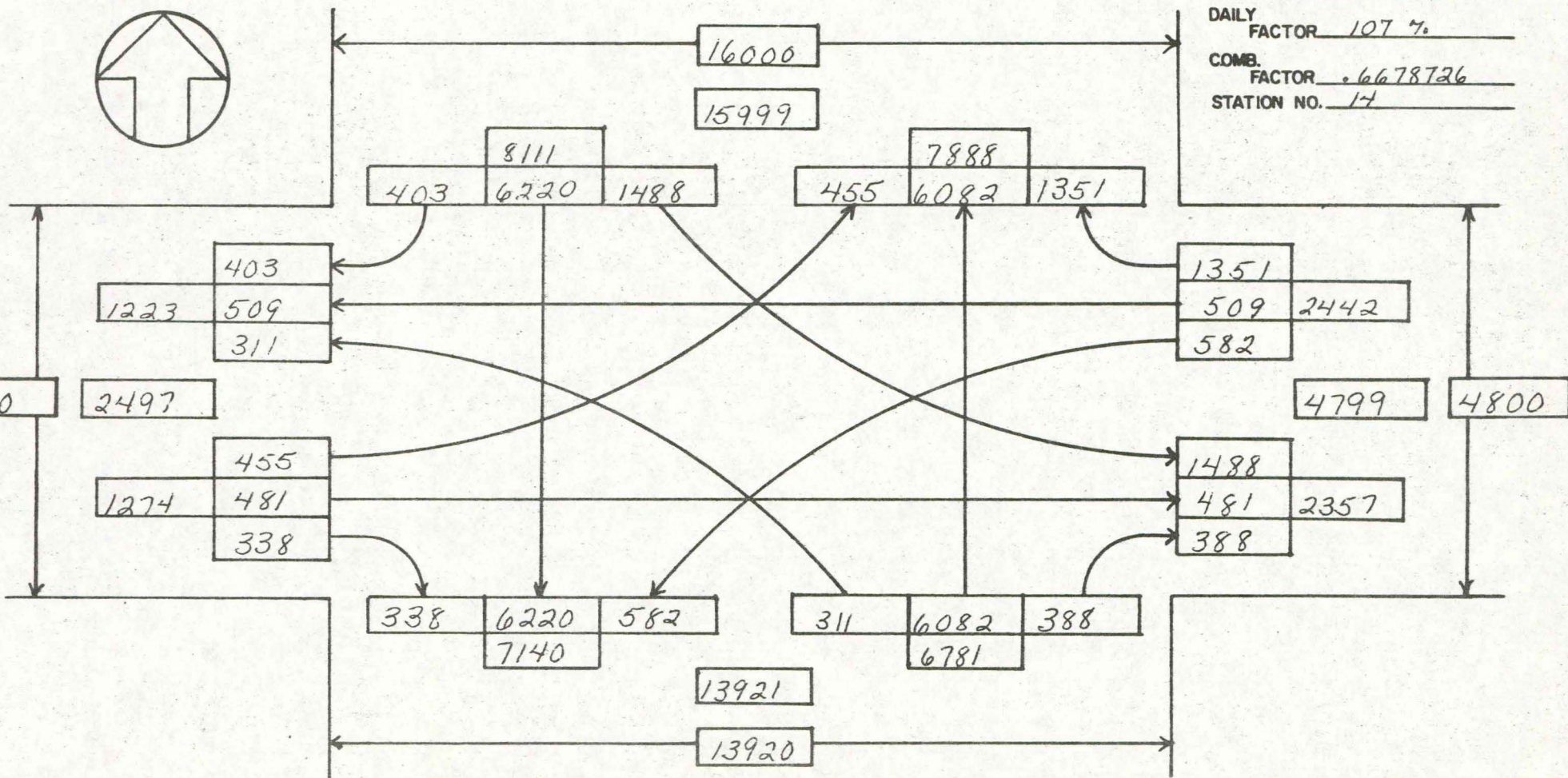
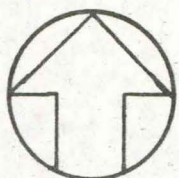
DATE 7 2 79

DAY Thursday WEATHER cloudy - cool AM; sunny warm PM

HOURS COUNTED 7-12am; 1-6pm

HOURS SHOWN 24 hrs factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 61.8%  
 MONTHLY FACTOR 101%  
 DAILY FACTOR 107%  
 COMB. FACTOR .6678726  
 STATION NO. 17



## Accident Summary

GLENN & SO. ALICE

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 3                          | Sideswipe             | 0                          |
| 10:00 a.m. - 2:00 p.m. | 6                          | Rear End              | 1                          |
| 2:00 p.m. - 6:00 p.m.  | 6                          | Right Angle           | 3                          |
| 6:00 p.m. - 10:00 p.m. | 3                          | Left Turn             | 13                         |
| 10:00 p.m. - 2:00 a.m. | 0                          | Pedestrian            | 1                          |
| 2:00 a.m. - 6:00 a.m.  | <u>3</u>                   | Other                 | <u>3</u>                   |
| <b>Totals</b>          | 21                         | <b>Totals</b>         | 21                         |

| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 9                          | North ( Southbound )         | 4                         |
| Spring ( March - May ) | 5                          | South ( Northbound )         | 1                         |
| Summer ( June - Aug. ) | 2                          | East ( Westbound )           | 18                        |
| Fall ( Sept. - Nov. )  | <u>5</u>                   | West ( Eastbound )           | <u>17</u>                 |
| <b>Totals</b>          | 21                         | <b>Totals</b>                | 40                        |

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 6                          | 1976                   | 3              |
| Icy                       | 2                          | 1977                   | 0              |
| Wet                       | <u>6</u>                   | 1978                   | 3.5            |
| <b>Totals</b>             | 14                         | 1979                   | <u>4</u>       |
|                           |                            | <b>4 year Average</b>  | 3.5            |

# COLLISION DIAGRAM



INDICATE NORTH BY ARROW

5-15-79 0200 C-D

10-9-77 0510

12-21-77 2039

5-7-76 1125 C-D  
 1-1-77 0224 C-D  
 10-9-78 1742

12-13-76 1407 C-W  
 6-21-77 1155  
 9-12-77 1424 R-W  
 12-21-77 1551  
 1-27-78 1940 CL-W/I  
 2-11-78 1450 CL-W  
 2-13-78 0758 F/S-F/S  
 3-18-78 1807 C-D  
 2-17-78 0753 C-W  
 5-22-78 1320 C-D  
 12-10-78 1209  
 9-8-79 1330 C-D  
 11-29-79 1100 C-D

3-29-79 0840 CL/M-W

4-2-77 1410 CL-D

GLENN  
NAME

So. ALICE  
NAME

- SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ← wavy OUT OF CONTROL
- ←↙ LEFT TURN
- ↑↘ RIGHT ANGLE

WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION GLENN AND So. ALICE  
 PERIOD 4 YEARS : FROM 1976 TO 1979



VEHICLE VOLUME COUNT

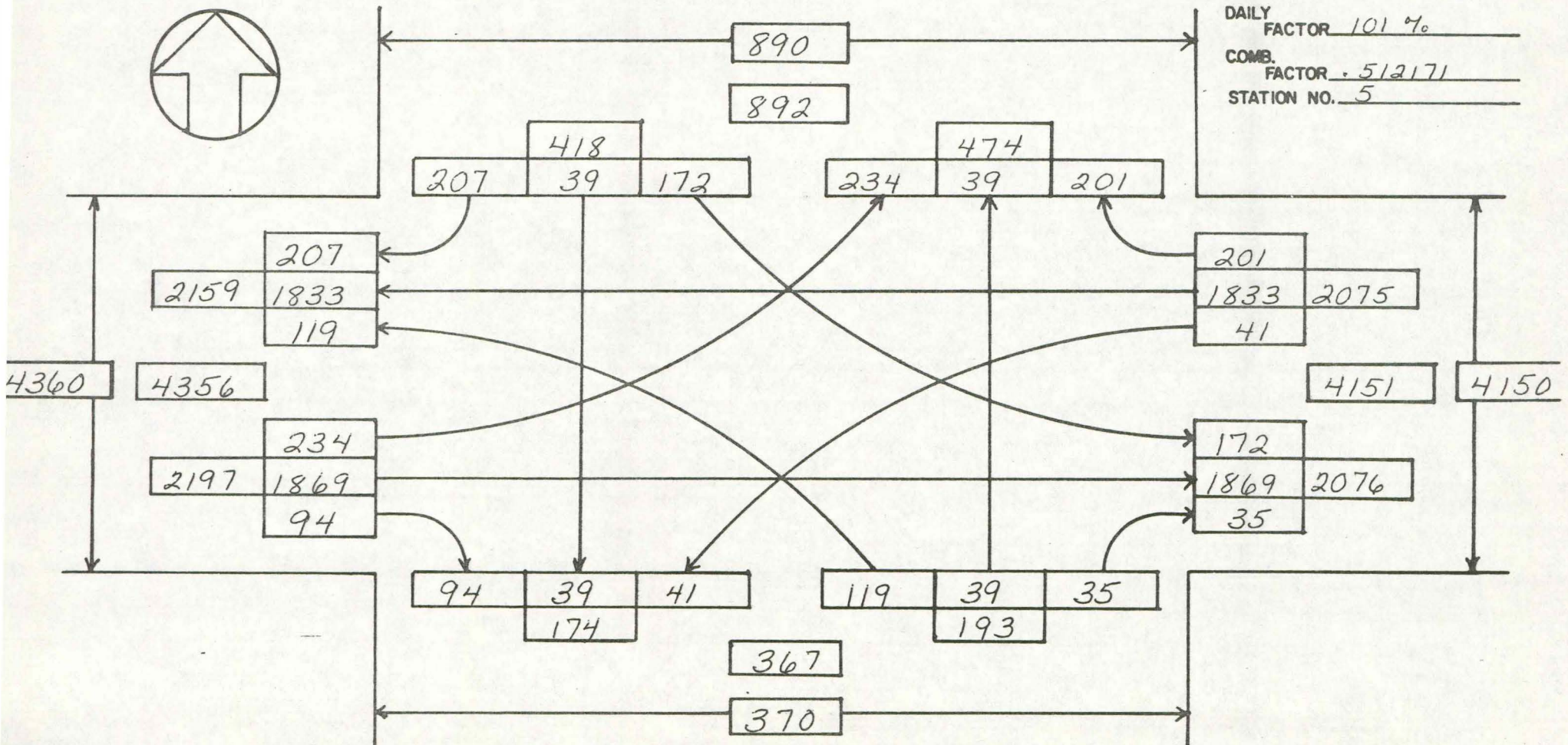
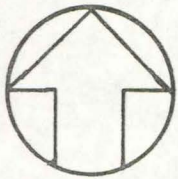
FLOW DIAGRAM

INTERSECTION Glenn Ave + So. Alice

DATE 7-21-80 DAY Monday WEATHER clear

HOURS COUNTED 7-11am; 3-6pm HOURS SHOWN 24 hrs factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 46.1%  
 MONTHLY FACTOR 110%  
 DAILY FACTOR 101%  
 COMB. FACTOR .512171  
 STATION NO. 5



**Accident Summary**  
LEECH & CUNNINGHAM

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 5                          | Sideswipe             | 1                          |
| 10:00 a.m. - 2:00 p.m. | 9                          | Rear End              | 12                         |
| 2:00 p.m. - 6:00 p.m.  | 12                         | Right Angle           | 1                          |
| 6:00 p.m. - 10:00 p.m. | 4                          | Left Turn             | 0                          |
| 10:00 p.m. - 2:00 a.m. | 3                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>1</u>                   | Other                 | <u>20</u>                  |
| <b>Totals</b>          | <b>34</b>                  | <b>Totals</b>         | <b>34</b>                  |

| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 9                          | North ( Southbound )         | 17                        |
| Spring ( March - May ) | 9                          | South ( Northbound )         | 16                        |
| Summer ( June - Aug. ) | 7                          | East ( Westbound )           | 33                        |
| Fall ( Sept. - Nov. )  | <u>9</u>                   | West ( Eastbound )           | <u>2</u>                  |
| <b>Totals</b>          | <b>34</b>                  | <b>Totals</b>                | <b>68</b>                 |

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 11                         | 1976                   | 4              |
| Icy                       | 1                          | 1977                   | 0              |
| Wet                       | <u>3</u>                   | 1978                   | 3.5            |
| <b>Totals</b>             | <b>15</b>                  | 1979                   | <u>0</u>       |
|                           |                            | 4 year Average         | 3.8            |

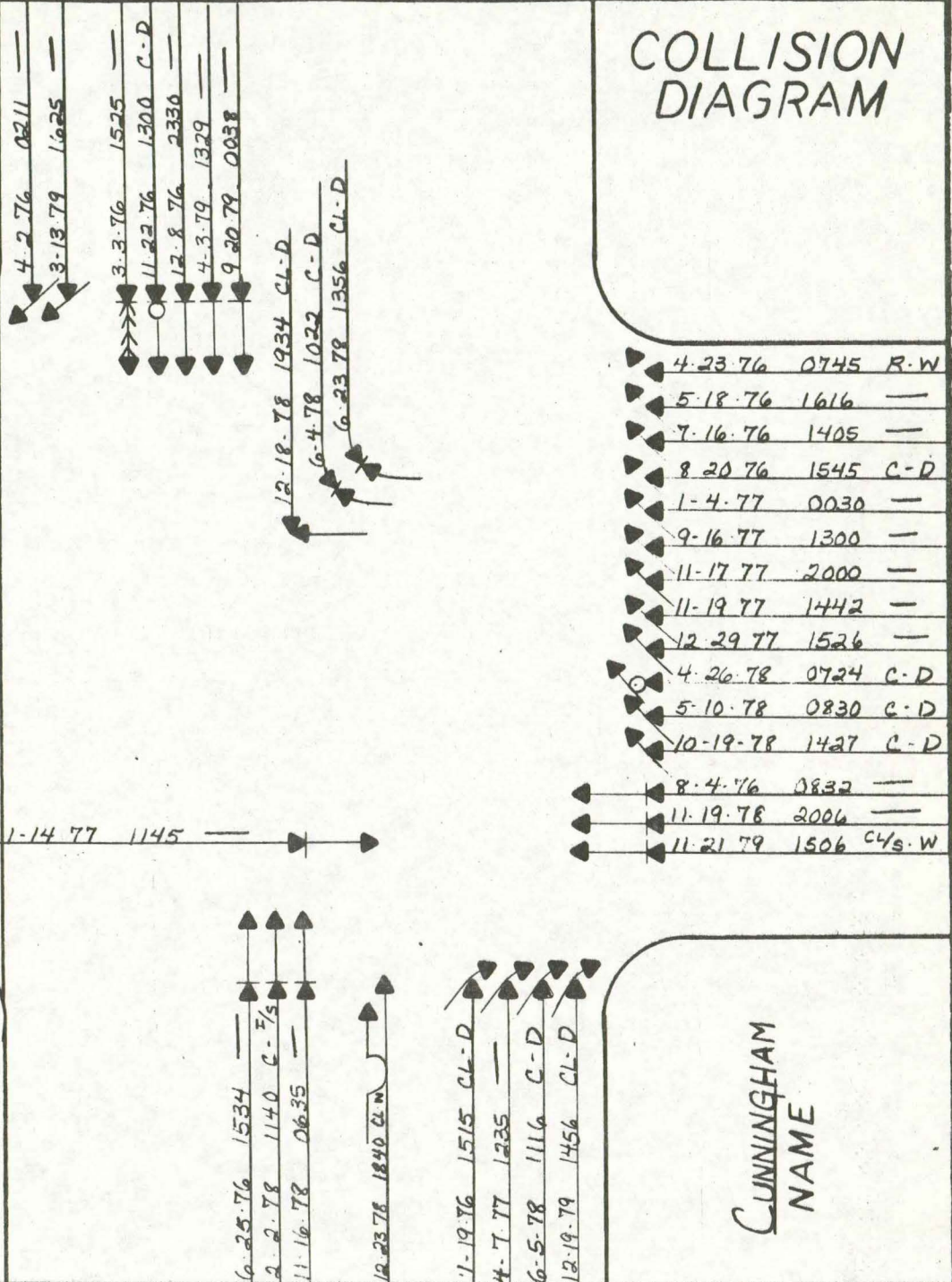


INDICATE NORTH  
BY ARROW

ENTRANCE  
TO  
SIOUX CITY  
STOCKYARDS

LEECH  
NAME

COLLISION  
DIAGRAM



CUNNINGHAM  
NAME

- SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ◻ PARKED VEHICLE
- ◻ FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←eee OUT OF CONTROL
- ←↙ LEFT TURN
- ↑ RIGHT ANGLE

WEATHER ROAD  
CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION CUNNINGHAM DR AND LEECH  
PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION Cunningham Dr. + Leech Ave.

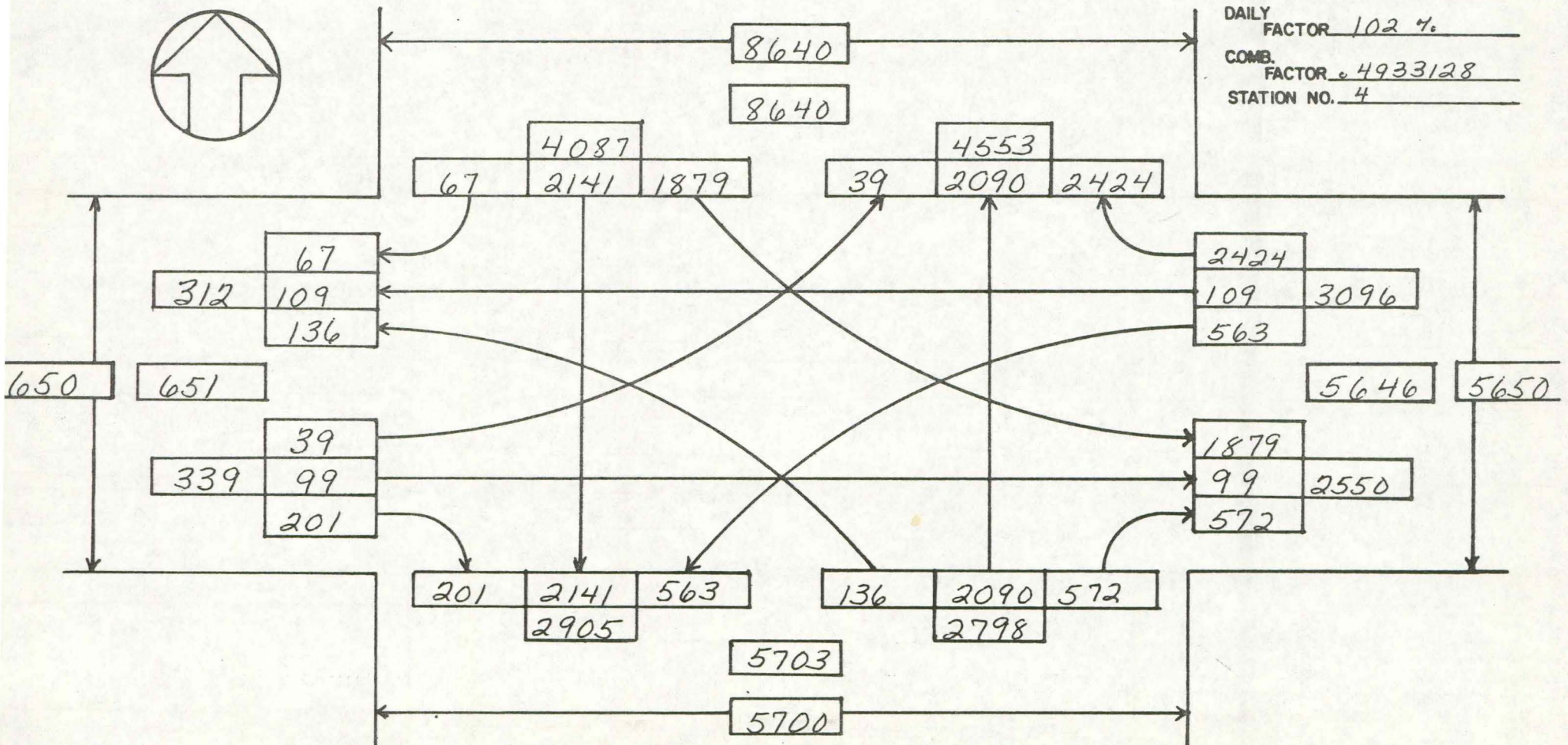
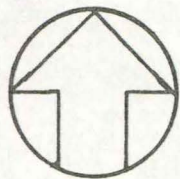
DATE 6-17-80

DAY Tuesday WEATHER overcast-rain

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 45.2%  
 MONTHLY FACTOR 107%  
 DAILY FACTOR 102%  
 COMB. FACTOR 4933128  
 STATION NO. 4



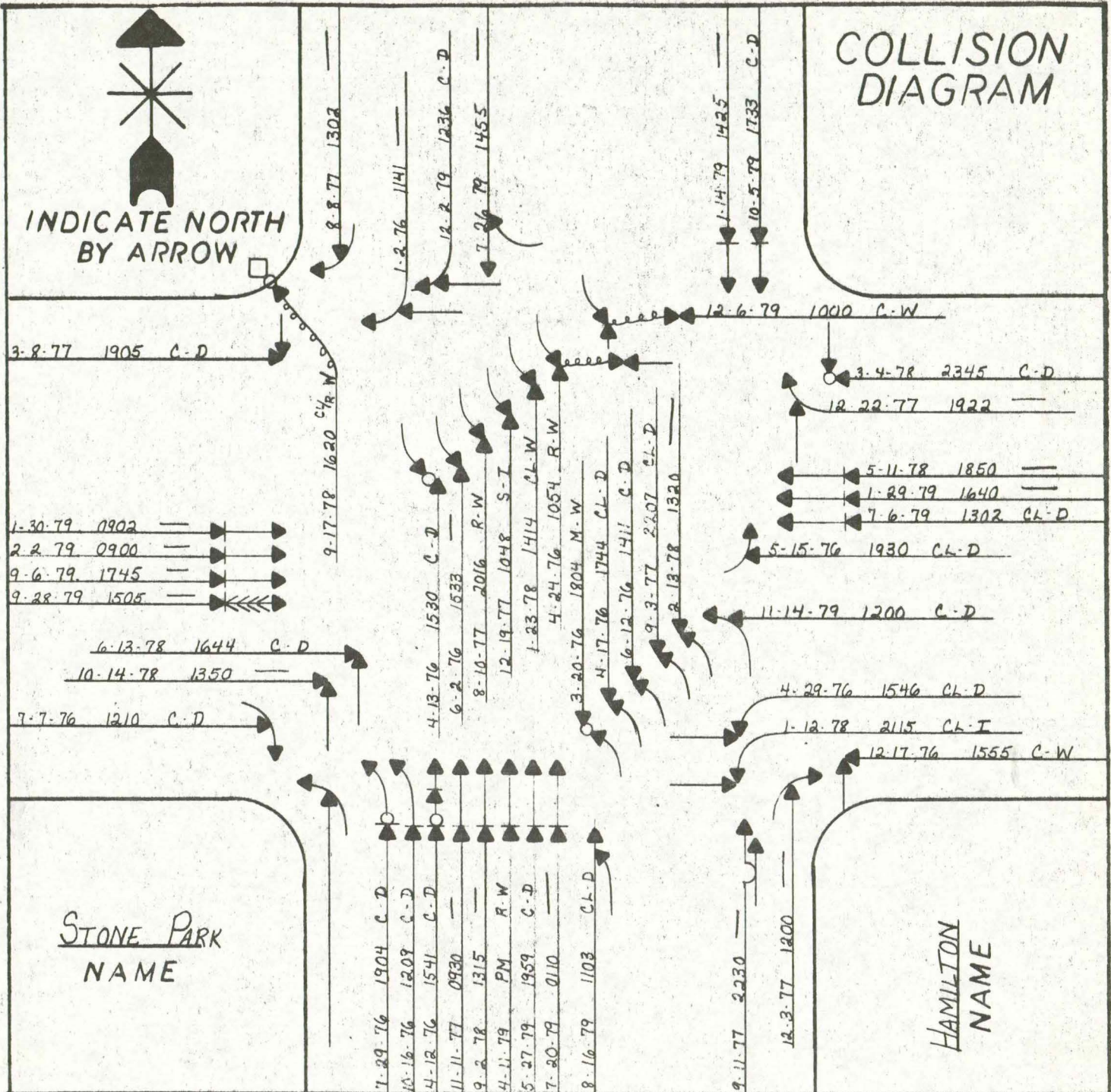
### Accident Summary

HAMILTON BLVD. & STONE PARK BLVD.

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">4</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">13</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">17</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">9</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">4</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>47</b></td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 4  | 10:00 a.m. - 2:00 p.m. | 13 | 2:00 p.m. - 6:00 p.m.  | 17       | 6:00 p.m. - 10:00 p.m. | 9         | 10:00 p.m. - 2:00 a.m.   | 4                      | 2:00 a.m. - 6:00 a.m.  | <u>0</u>                     | <b>Totals</b>             | <b>47</b>            | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">17</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">15</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>10</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>48</b></td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 1        | Rear End              | 17         | Right Angle   | 5         | Left Turn | 15 | Pedestrian | 0 | Other | <u>10</u> | <b>Totals</b> | <b>48</b> |
|---|----------------------------|----------------------------|------------------------|----|------------------------|----|------------------------|----------|------------------------|-----------|--|------------------------|--|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|----------|-----------------------|------------|---------------|-----------|-----------|----|------------|---|-------|-----------|---------------|-----------|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| 6:00 a.m. - 10:00 a.m.  | 4                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| 10:00 a.m. - 2:00 p.m.  | 13                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| 2:00 p.m. - 6:00 p.m.   | 17                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| 6:00 p.m. - 10:00 p.m.  | 9                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| 10:00 p.m. - 2:00 a.m.  | 4                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| 2:00 a.m. - 6:00 a.m.   | <u>0</u>                   |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| <b>Totals</b>   | <b>47</b>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| <u>Accidents Type</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| Sideswipe   | 1                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| Rear End  | 17                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| Right Angle   | 5                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| Left Turn   | 15                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| Pedestrian  | 0                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| Other   | <u>10</u>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| <b>Totals</b>   | <b>48</b>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">15</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">12</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">11</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;"><u>10</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>48</b></td> </tr> </tbody> </table>   | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb. ) | 15 | Spring ( March - May ) | 12 | Summer ( June - Aug. ) | 11       | Fall ( Sept. - Nov. )  | <u>10</u> | <b>Totals</b>  | <b>48</b>              | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">23</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">41</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">18</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>16</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>98</b></td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 23  | South ( Northbound )  | 41                         | East ( Westbound ) | 18       | West ( Eastbound )    | <u>16</u>  | <b>Totals</b> | <b>98</b> |           |    |            |   |       |           |               |           |
| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| Winter ( Dec. - Feb. )  | 15                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| Spring ( March - May )  | 12                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| Summer ( June - Aug. )  | 11                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| Fall ( Sept. - Nov. )   | <u>10</u>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| <b>Totals</b>   | <b>48</b>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| North ( Southbound )  | 23                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| South ( Northbound )  | 41                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| East ( Westbound )  | 18                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| West ( Eastbound )  | <u>16</u>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| <b>Totals</b>   | <b>98</b>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">19</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>8</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>29</b></td> </tr> </tbody> </table>  | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 19 | Icy                    | 2  | Wet                    | <u>8</u> | <b>Totals</b>          | <b>29</b> | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">3.9</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">3.5</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td><b>4 year Average</b></td> <td style="text-align: center;"><b>3.7</b></td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>   | 1976                         | 3.9                       | 1977                 | 0   | 1978                  | 3.5                        | 1979               | <u>0</u> | <b>4 year Average</b> | <b>3.7</b> |               |           |           |    |            |   |       |           |               |           |
| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| Dry   | 19                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| Icy   | 2                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| Wet   | <u>8</u>                   |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| <b>Totals</b>   | <b>29</b>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| 1976  | 3.9                        |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| 1977  | 0                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| 1978  | 3.5                        |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| 1979  | <u>0</u>                   |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |
| <b>4 year Average</b>   | <b>3.7</b>                 |                            |                        |    |                        |    |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |           |               |           |

# COLLISION DIAGRAM

INDICATE NORTH BY ARROW



STONE PARK  
NAME

HAMILTON  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ← X ← REAR END
- ← X → HEAD ON
- ← V ← SIDE SWIPE
- ← eeee OUT OF CONTROL
- ← T LEFT TURN
- ↑ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION HAMILTON BLVD AND STONE PARK BLVD  
 PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION Hamilton Blvd. + Stone Park Blvd

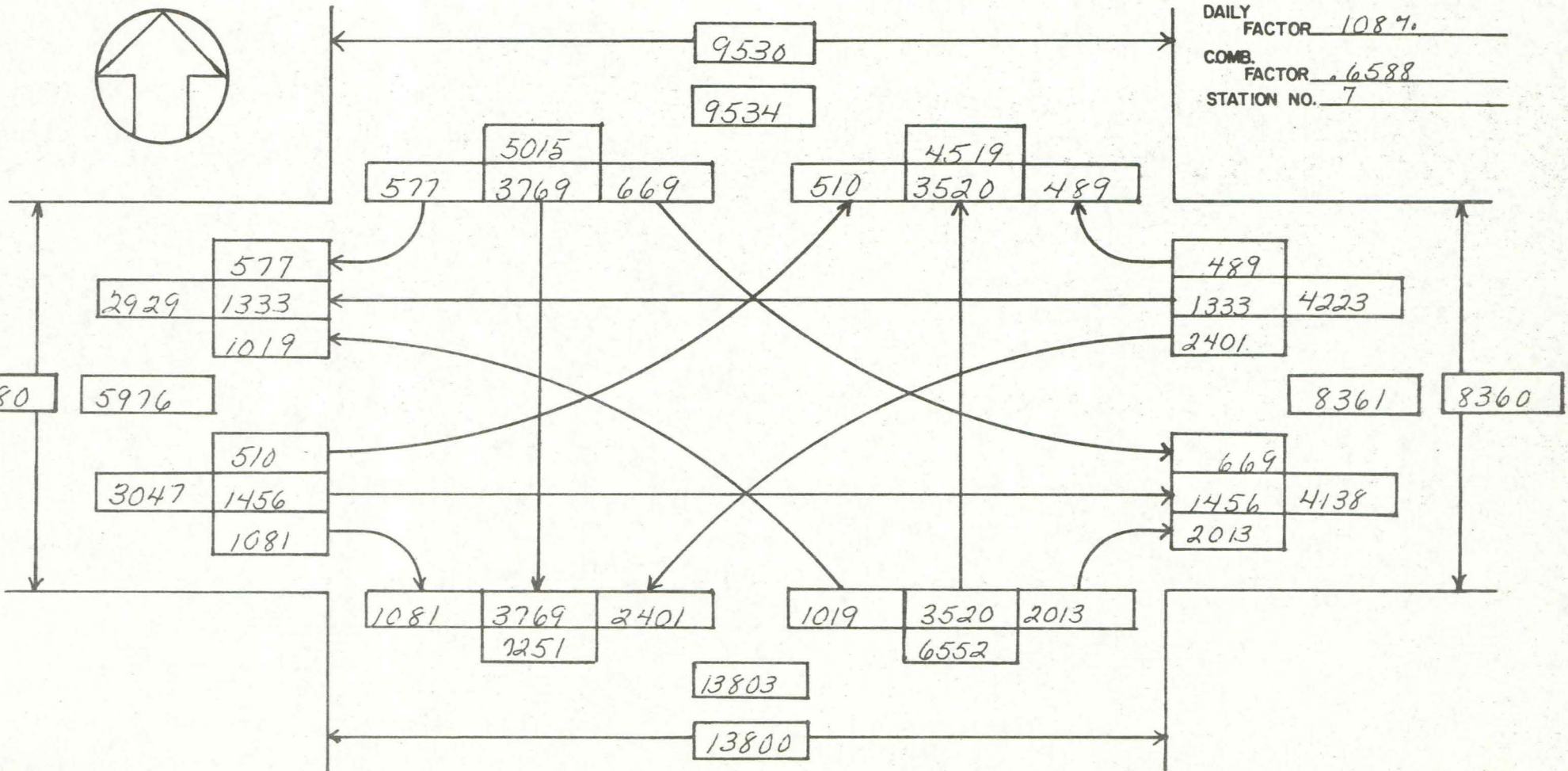
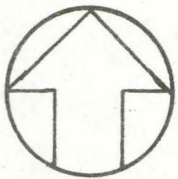
DATE 7-3-79

DAY Tuesday WEATHER clear

HOURS COUNTED 7-12am; 1-6pm

HOURS SHOWN 24 hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 61%  
 MONTHLY FACTOR 100%  
 DAILY FACTOR 108%  
 COMB. FACTOR .6588  
 STATION NO. 7



## Accident Summary

11TH & Pierce

| <u>Time of Day</u>     | <u>Number of<br/>Accidents</u> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| 6:00 a.m. - 10:00 a.m. | 6                              | Sideswipe             | 0                              |
| 10:00 a.m. - 2:00 p.m. | 7                              | Rear End              | 7                              |
| 2:00 p.m. - 6:00 p.m.  | 7                              | Right Angle           | 13                             |
| 6:00 p.m. - 10:00 p.m. | 10                             | Left Turn             | 8                              |
| 10:00 p.m. - 2:00 a.m. | 4                              | Pedestrian            | 1                              |
| 2:00 a.m. - 6:00 a.m.  | <u>2</u>                       | Other                 | <u>7</u>                       |
| Totals                 | 36                             | Totals                | 36                             |

| <u>Time of Year</u>    | <u>Number of<br/>Accidents</u> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> |
|------------------------|--------------------------------|------------------------------|-------------------------------|
| Winter ( Dec. - Feb.)  | 7                              | North ( Southbound )         | 35                            |
| Spring ( March - May ) | 3                              | South ( Northbound )         | 0                             |
| Summer ( June - Aug. ) | 8                              | East ( Westbound )           | 22                            |
| Fall ( Sept. - Nov. )  | <u>18</u>                      | West ( Eastbound )           | <u>14</u>                     |
| Totals                 | 36                             | Totals                       | 71                            |

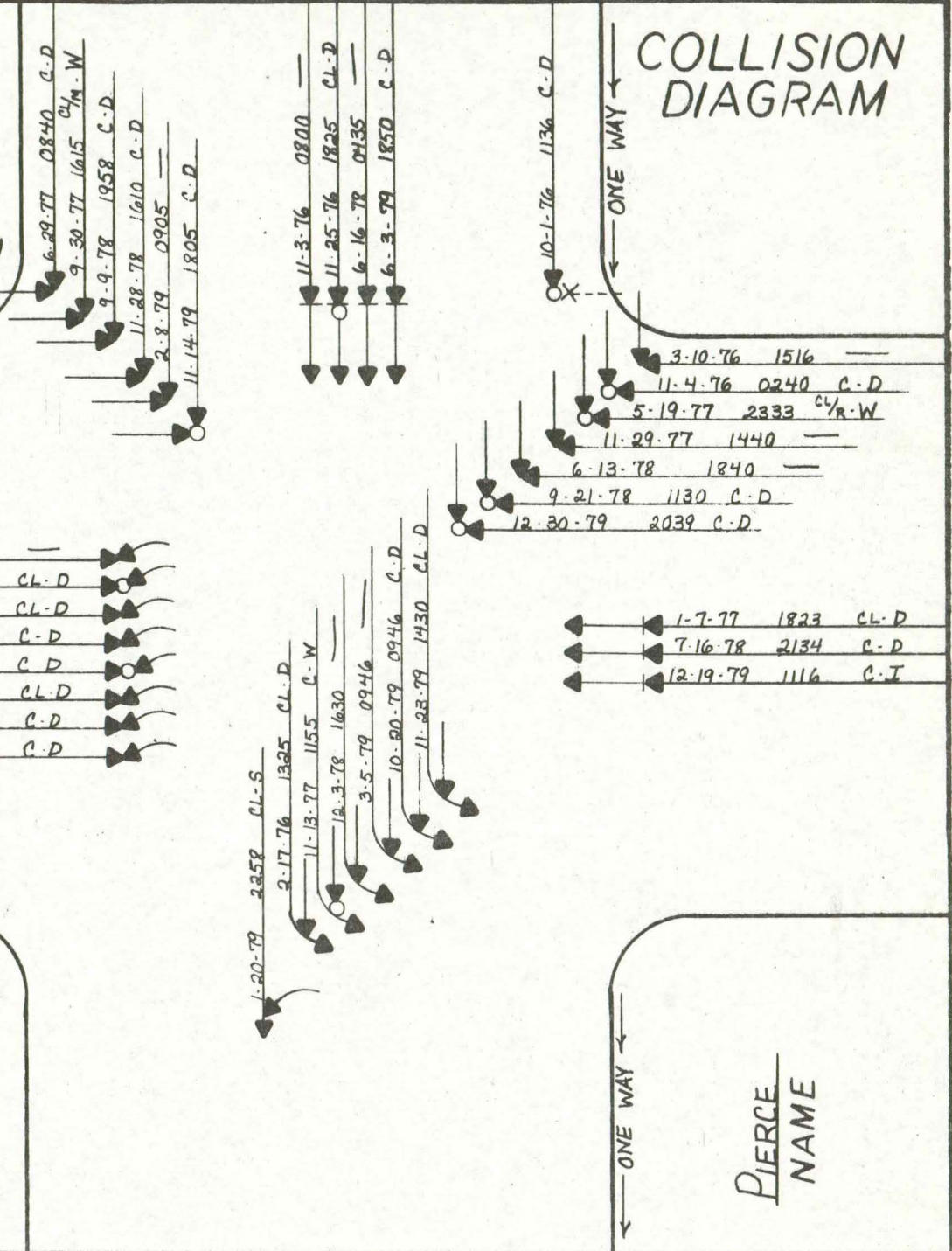
| <u>Pavement Condition</u> | <u>Number of<br/>Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|--------------------------------|------------------------|----------------|
| Dry                       | 22                             | 1976                   | 3.5            |
| Icy                       | 1                              | 1977                   | 3.9            |
| Wet                       | <u>3</u>                       | 1978                   | 4              |
| Totals                    | 26                             | 1979                   | <u>3.3</u>     |
|                           |                                | 4 year Average         | 3.7            |





INDICATE NORTH BY ARROW

# COLLISION DIAGRAM



- 8-7-76 2350 —
- 9-13-77 0759 CL-D
- 6-26-78 1917 CL-D
- 9-18-78 1705 C-D
- 11-5-78 1210 C-D
- 7-14-79 2055 CL-D
- 10-10-79 1320 C-D
- 10-20-79 2201 C-D

11TH  
NAME

PIERCE  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- NON-INV. VEHICLE
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- INJURY ACCIDENT

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- ←↘ SIDE SWIPE
- ←eee OUT OF CONTROL
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- ↗ RIGHT ANGLE

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|------------|-----------|
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| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 11TH AND PIERCE  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 11th + Pierce Sts

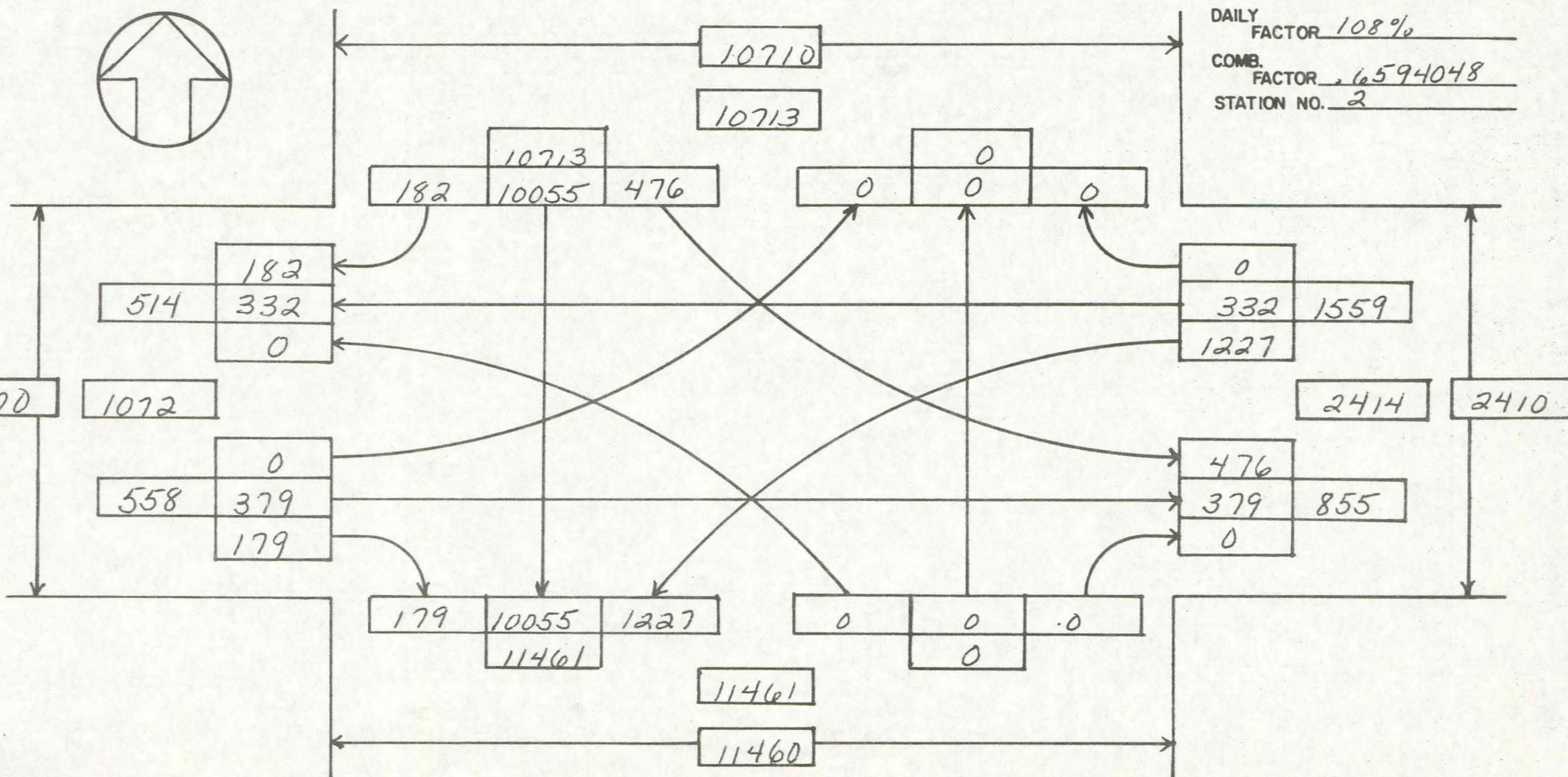
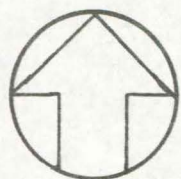
DATE 7-17-79

DAY Tuesday WEATHER \_\_\_\_\_

HOURS COUNTED 7-12am, 1-6pm

HOURS SHOWN 24 Hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 63.6%  
 MONTHLY FACTOR 96%  
 DAILY FACTOR 108%  
 COMB. FACTOR .6594048  
 STATION NO. 2



**Accident Summary**  
W. 28TH & HAMILTON BLVD.

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">4</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">9</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">13</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">8</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">1</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;"><b>35</b></td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 4  | 10:00 a.m. - 2:00 p.m. | 9  | 2:00 p.m. - 6:00 p.m.  | 13       | 6:00 p.m. - 10:00 p.m. | 8         | 10:00 p.m. - 2:00 a.m.   | 1                      | 2:00 a.m. - 6:00 a.m.   | <u>0</u>                     | <b>Totals</b>             | <b>35</b>            | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">11</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">7</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">15</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>2</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;"><b>35</b></td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0        | Rear End           | 11         | Right Angle   | 7         | Left Turn | 15 | Pedestrian | 0 | Other | <u>2</u> | <b>Totals</b> | <b>35</b> |
|---|----------------------------|----------------------------|------------------------|----|------------------------|----|------------------------|----------|------------------------|-----------|--|------------------------|---|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|----------|--------------------|------------|---------------|-----------|-----------|----|------------|---|-------|----------|---------------|-----------|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| 6:00 a.m. - 10:00 a.m.  | 4                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| 10:00 a.m. - 2:00 p.m.  | 9                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| 2:00 p.m. - 6:00 p.m.   | 13                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| 6:00 p.m. - 10:00 p.m.  | 8                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| 10:00 p.m. - 2:00 a.m.  | 1                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| 2:00 a.m. - 6:00 a.m.   | <u>0</u>                   |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| <b>Totals</b>   | <b>35</b>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| <u>Accidents Type</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| Sideswipe   | 0                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| Rear End  | 11                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| Right Angle   | 7                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| Left Turn   | 15                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| Pedestrian  | 0                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| Other   | <u>2</u>                   |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| <b>Totals</b>   | <b>35</b>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">11</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">12</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">9</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;"><u>3</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;"><b>35</b></td> </tr> </tbody> </table>  | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb. ) | 11 | Spring ( March - May ) | 12 | Summer ( June - Aug. ) | 9        | Fall ( Sept. - Nov. )  | <u>3</u>  | <b>Totals</b>  | <b>35</b>              | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">30</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">32</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">5</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>5</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;"><b>72</b></td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 30  | South ( Northbound )  | 32                         | East ( Westbound ) | 5        | West ( Eastbound ) | <u>5</u>   | <b>Totals</b> | <b>72</b> |           |    |            |   |       |          |               |           |
| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| Winter ( Dec. - Feb. )  | 11                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| Spring ( March - May )  | 12                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| Summer ( June - Aug. )  | 9                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| Fall ( Sept. - Nov. )   | <u>3</u>                   |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| <b>Totals</b>   | <b>35</b>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| North ( Southbound )  | 30                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| South ( Northbound )  | 32                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| East ( Westbound )  | 5                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| West ( Eastbound )  | <u>5</u>                   |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| <b>Totals</b>   | <b>72</b>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">15</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>4</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;"><b>19</b></td> </tr> </tbody> </table>   | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 15 | Icy                    | 0  | Wet                    | <u>4</u> | <b>Totals</b>          | <b>19</b> | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">2.9</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">3.3</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>3</u></td> </tr> <tr> <td style="text-align: right;">4 year Average</td> <td style="text-align: center;"><b>3.1</b></td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>  | 1976                         | 2.9                       | 1977                 | 3.3   | 1978                  | 0                          | 1979               | <u>3</u> | 4 year Average     | <b>3.1</b> |               |           |           |    |            |   |       |          |               |           |
| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| Dry   | 15                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| Icy   | 0                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| Wet   | <u>4</u>                   |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| <b>Totals</b>   | <b>19</b>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| 1976  | 2.9                        |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| 1977  | 3.3                        |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| 1978  | 0                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| 1979  | <u>3</u>                   |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |
| 4 year Average  | <b>3.1</b>                 |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |          |                    |            |               |           |           |    |            |   |       |          |               |           |

# COLLISION DIAGRAM

INDICATE NORTH BY ARROW



4-23-77 1714

11-2-78 0715

3-19-76 1058  
 8-12-76 1000  
 9-8-76 0724 C/W  
 3-6-77 1700 C-W  
 6-29-77 1614  
 1-31-78 2010

3-20-77 1537 C-L-D  
 1-30-76 1421 C-L-D  
 5-15-76 1038  
 5-27-76 1200  
 7-26-76 1715 C-D  
 12-4-76 2340 M/S-W  
 2-13-77 1504  
 7-9-77 1600 C-D  
 8-25-78 0001 C-D

2-28-76 1855 C/L-D

3-13-76 1637 C-D  
 8-22-76 1313  
 12-1-76 1706 C-L-D  
 5-7-77 1355

1-21-76 1535 C-D  
 3-18-76 1230 C-D  
 4-2-76 2008 C-D  
 10-22-76 2124 C-D  
 1-30-77 1355 C-D  
 1-11-76 1620 C-D

4-13-76 1315  
 12-28-76 1600  
 3-19-77 1831 C-L-W  
 6-8-77 1255  
 6-26-78 0730

7-4-77 1909 C-D

W 28TH  
NAME

HAMILTON  
NAME

- SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←eee OUT OF CONTROL
- ←↙ LEFT TURN
- ↗ RIGHT ANGLE

WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION W. 28TH AND HAMILTON BLVD  
 PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION W. 28th + Hamilton Blvd

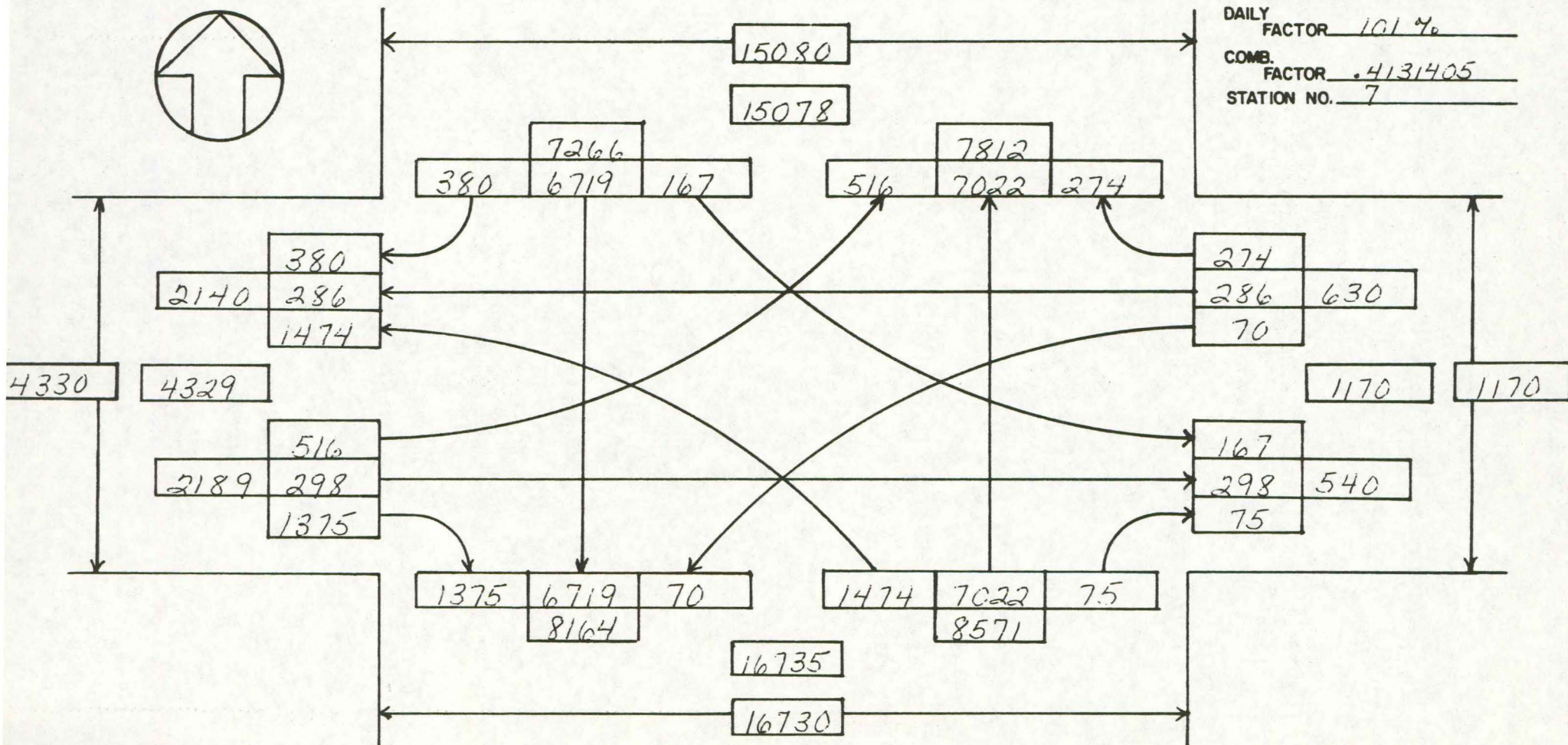
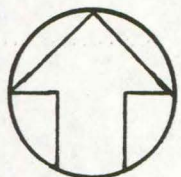
DATE 8-18-80

DAY Monday WEATHER overcast

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 40.5%  
 MONTHLY FACTOR 101%  
 DAILY FACTOR 101%  
 COMB. FACTOR .4131405  
 STATION NO. 7



**Accident Summary**  
SO. LAKEPORT & GLENN

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 2                          | Sideswipe             | 0                          |
| 10:00 a.m. - 2:00 p.m. | 6                          | Rear End              | 7                          |
| 2:00 p.m. - 6:00 p.m.  | 12                         | Right Angle           | 15                         |
| 6:00 p.m. - 10:00 p.m. | 4                          | Left Turn             | 0                          |
| 10:00 p.m. - 2:00 a.m. | 1                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   | Other                 | <u>4</u>                   |
| <b>Totals</b>          | <b>25</b>                  | <b>Totals</b>         | <b>26</b>                  |

| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 11                         | North ( Southbound )         | 19                        |
| Spring ( March - May ) | 5                          | South ( Northbound )         | 11                        |
| Summer ( June - Aug. ) | 5                          | East ( Westbound )           | 12                        |
| Fall ( Sept. - Nov. )  | <u>5</u>                   | West ( Eastbound )           | <u>11</u>                 |
| <b>Totals</b>          | <b>26</b>                  | <b>Totals</b>                | <b>53</b>                 |

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 9                          | 1976                   | 3.6            |
| Icy                       | 5                          | 1977                   | 3              |
| Wet                       | <u>8</u>                   | 1978                   | 0              |
| <b>Totals</b>             | <b>22</b>                  | 1979                   | <u>3</u>       |
|                           |                            | <b>4 year Average</b>  | <b>3.2</b>     |

# COLLISION DIAGRAM

INDICATE NORTH  
BY ARROW

7.2.76 1115 C-D  
 12.6.76 1814 C-I/S  
 6.24.77 1427 C-D  
 1.21.79 2330 C-I/S  
 2.13.79 1001 CL-W  
 12.30.79 1105 C-D/W

4.13.76 1420  
 7.11.76 1600  
 8.24.76 1245  
 2.20.77 1724 C-D  
 9.30.77 1654 CL-W  
 10.4.77 1500 CL-D  
 2.17.78 PM C-W/F  
 12.23.79 119 C-D

5.27.76 1825 R-W

10.31.79 1416 R-W

9.28.76 1717 C-D

12.21.76 1507 C-D  
 6.9.77 1420

9.15.78 0740 - I

10.23.76 1305 R-W

4.12.77 2150  
 12.19.77 1540 M/S-W/S

LAKEPORT  
NAME

GLENN  
NAME

12.11.76 1531 S-I/S  
 2.14.77 0907 - I

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←→ SIDE SWIPE
- ←←← OUT OF CONTROL
- ←→ LEFT TURN
- ↑ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION So. LAKEPORT AND GLENN AVE.  
 PERIOD 4 YEARS : FROM 1976 TO 1979

# VEHICLE VOLUME COUNT

## FLOW DIAGRAM

INTERSECTION Lakeport + Glenn Ave.

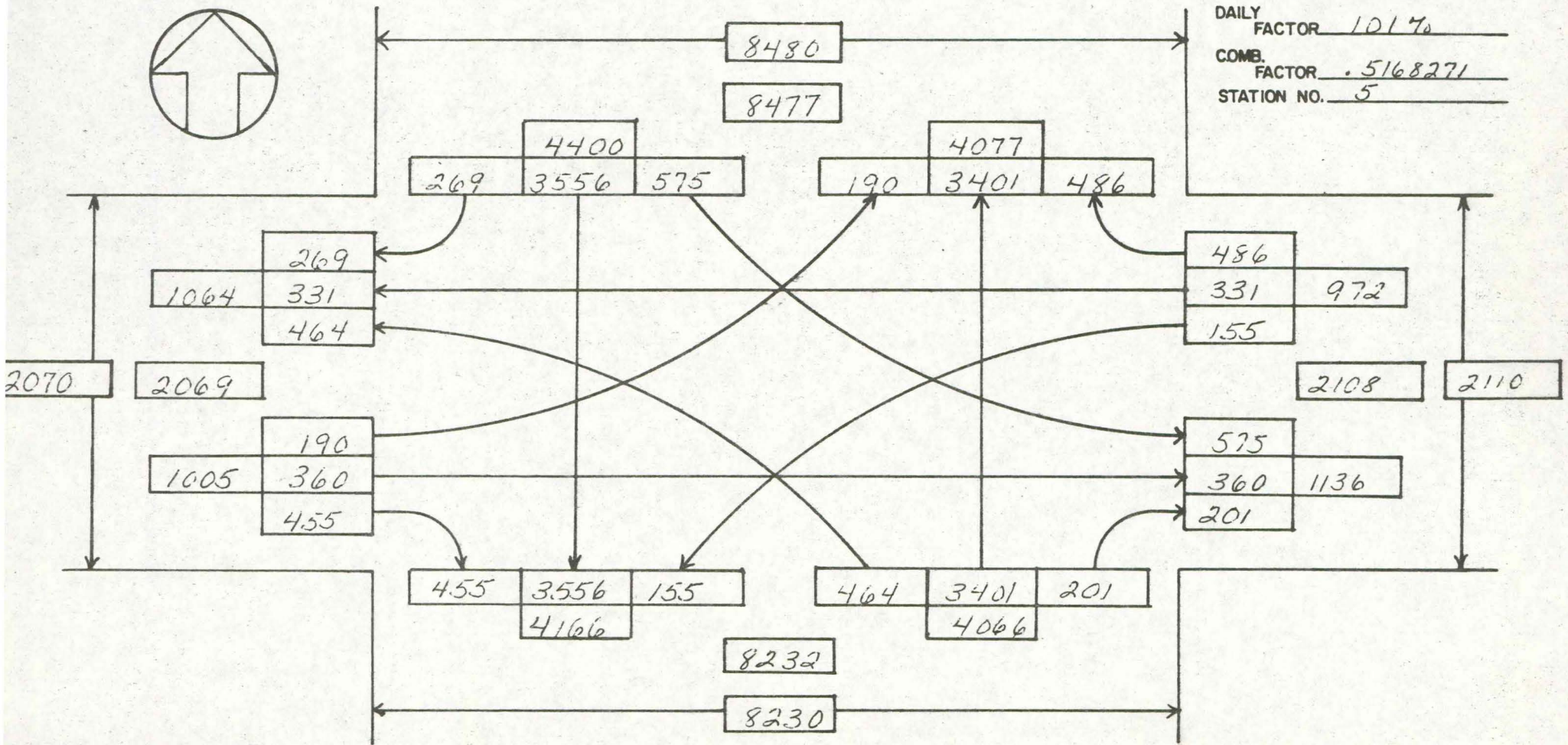
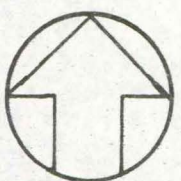
DATE 6-12-80

DAY Thursday WEATHER overcast

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs. factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 46.1%  
 MONTHLY FACTOR 111%  
 DAILY FACTOR 101%  
 COMB. FACTOR .5168271  
 STATION NO. 5





### Accident Summary

W. 8TH & HAMILTON BLVD.

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">1</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">9</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">17</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">7</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>1</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>38</b></td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 1  | 10:00 a.m. - 2:00 p.m. | 9 | 2:00 p.m. - 6:00 p.m.  | 17       | 6:00 p.m. - 10:00 p.m. | 7         | 10:00 p.m. - 2:00 a.m.   | 3                      | 2:00 a.m. - 6:00 a.m.  | <u>1</u>                     | <b>Totals</b>             | <b>38</b>            | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">7</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">12</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">12</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>6</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>38</b></td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0        | Rear End              | 7          | Right Angle   | 12        | Left Turn | 12 | Pedestrian | 1 | Other | <u>6</u> | <b>Totals</b> | <b>38</b> |
|--|----------------------------|----------------------------|------------------------|----|------------------------|---|------------------------|----------|------------------------|-----------|--|------------------------|--|------------------------------|---------------------------|----------------------|--|-----------------------|----------------------------|--------------------|----------|-----------------------|------------|---------------|-----------|-----------|----|------------|---|-------|----------|---------------|-----------|
| <u>Time of Day</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| 6:00 a.m. - 10:00 a.m.   | 1                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| 10:00 a.m. - 2:00 p.m.   | 9                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| 2:00 p.m. - 6:00 p.m.  | 17                         |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| 6:00 p.m. - 10:00 p.m.   | 7                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| 10:00 p.m. - 2:00 a.m.   | 3                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| 2:00 a.m. - 6:00 a.m.  | <u>1</u>                   |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| <b>Totals</b>  | <b>38</b>                  |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| <u>Accidents Type</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| Sideswipe  | 0                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| Rear End   | 7                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| Right Angle  | 12                         |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| Left Turn  | 12                         |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| Pedestrian   | 1                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| Other  | <u>6</u>                   |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| <b>Totals</b>  | <b>38</b>                  |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
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| <u>Time of Year</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| Winter ( Dec. - Feb. )   | 9                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| Spring ( March - May )   | 8                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| Summer ( June - Aug. )   | 7                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| Fall ( Sept. - Nov. )  | <u>14</u>                  |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| <b>Totals</b>  | <b>38</b>                  |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| <u>Direction of Approach</u>   | <u>Number of Vehicles</u>  |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| North ( Southbound )   | 28                         |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| South ( Northbound )   | 23                         |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| East ( Westbound )   | 13                         |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| West ( Eastbound )   | <u>12</u>                  |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| <b>Totals</b>  | <b>76</b>                  |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
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| <u>Pavement Condition</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| Dry  | 18                         |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| Icy  | 0                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| Wet  | <u>7</u>                   |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| <b>Totals</b>  | <b>25</b>                  |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| <u>Injury Severity</u>   | <u>Average</u>             |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| 1976   | 2.5                        |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| 1977   | 3.1                        |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| 1978   | 3                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| 1979   | <u>3</u>                   |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |
| <b>4 year Average</b>  | <b>2.9</b>                 |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |            |               |           |           |    |            |   |       |          |               |           |

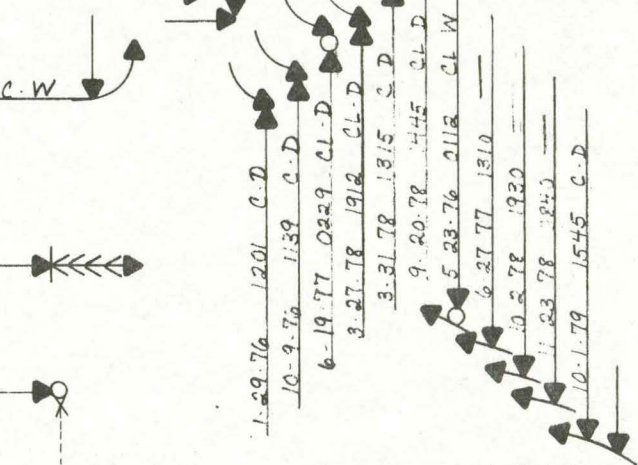
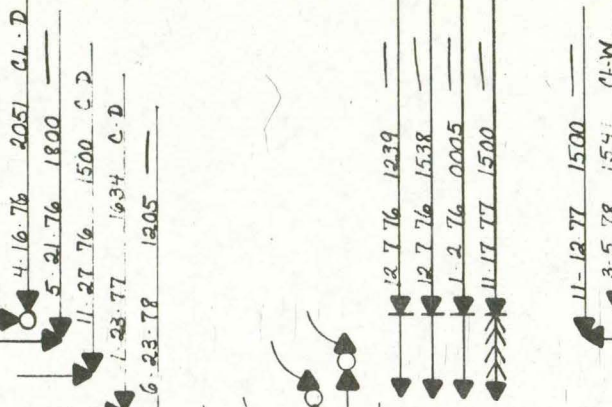
# COLLISION DIAGRAM

INDICATE NORTH  
BY ARROW

2-27-79 1530 C-W

8-16-76 1634 CL-D

2-13-79 1523 C-W/SL



5-16-78 1900  
11-30-77 1315

W. 8TH  
NAME

HAMILTON  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ← eeee OUT OF CONTROL
- ←↙ LEFT TURN
- ↑ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION W 8TH AND HAMILTON BLVD.  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION W. 8th + Hamilton Blvd

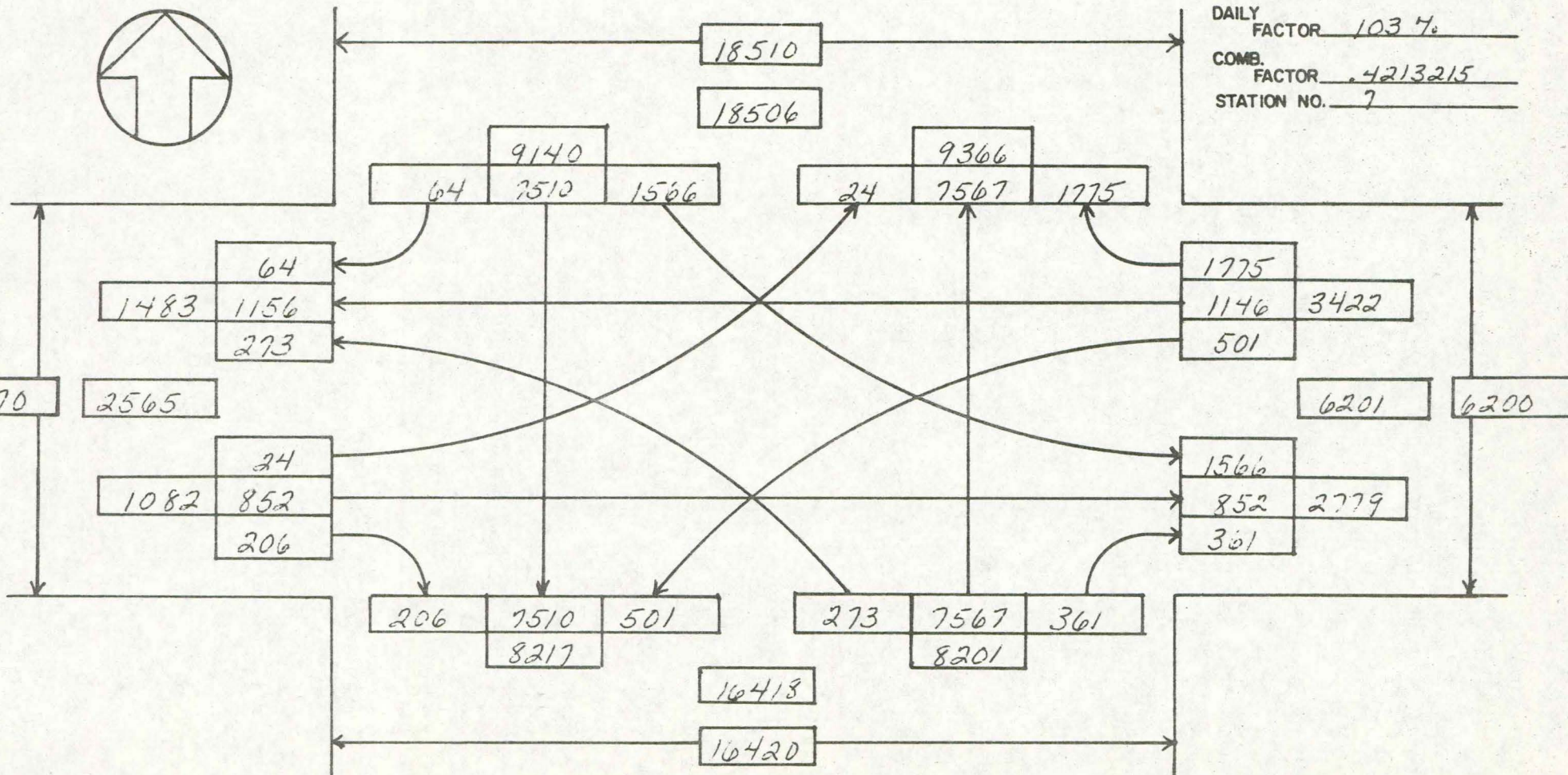
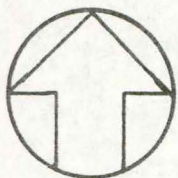
DATE 7-15-80

DAY Tuesday WEATHER cloudy

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 Hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 40.5%  
 MONTHLY FACTOR 101%  
 DAILY FACTOR 103%  
 COMB. FACTOR .4213215  
 STATION NO. 7



## Accident Summary

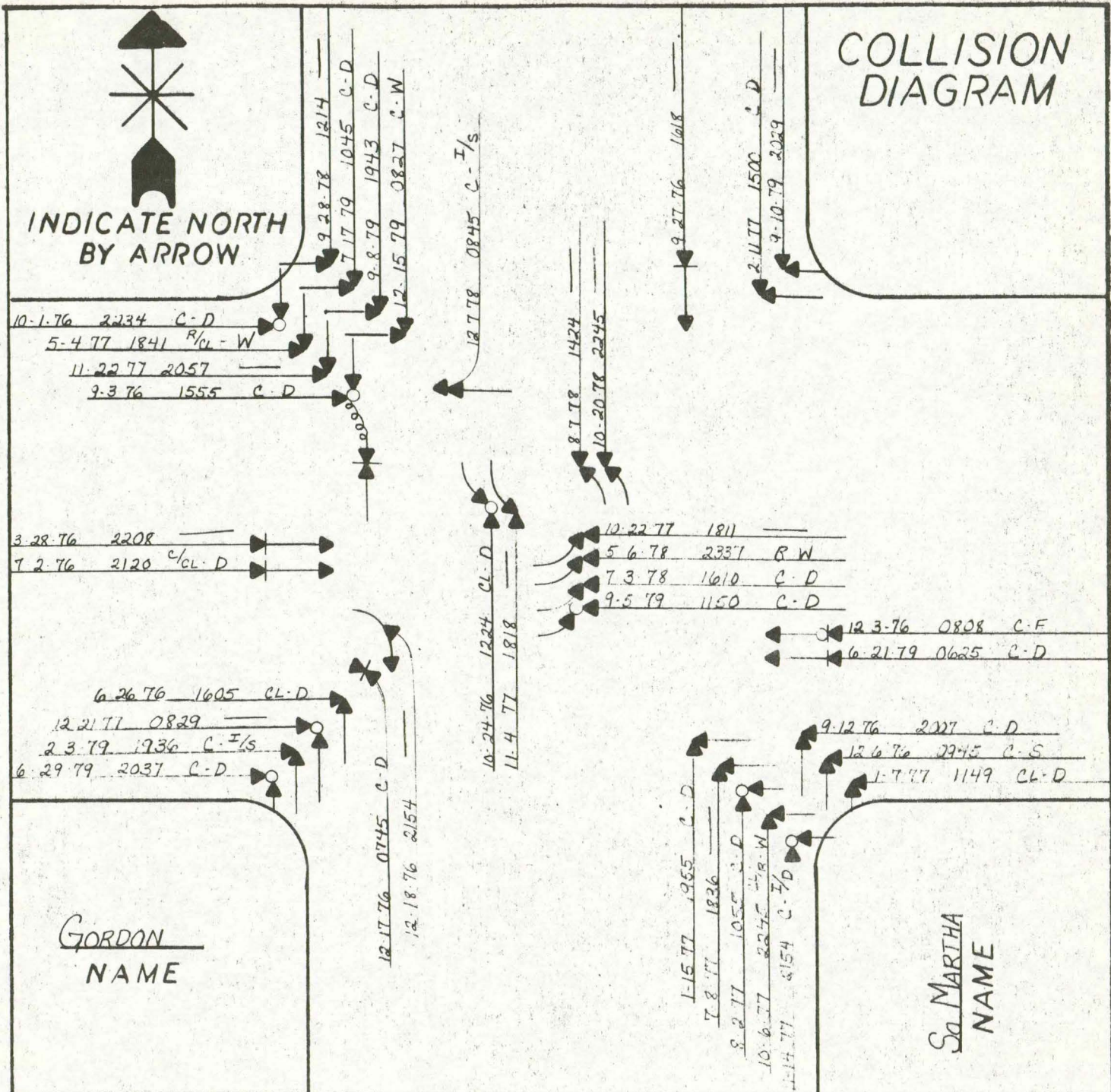
GORDON & SO. MARTHA

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|--|----------------------------|----------------------------|------------------------|----|------------------------|---|-----------------------|----------|------------------------|-----------|---|------------------------|--|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|----------|--------------------|-----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.   | 7                          |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.   | 6                          |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.  | 6                          |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.   | 13                         |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.   | 6                          |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 38                         |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Sideswipe  | 0                          |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Rear End   | 5                          |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Right Angle  | 22                         |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Left Turn  | 8                          |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Pedestrian   | 0                          |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Other  | <u>3</u>                   |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 38                         |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
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| <u>Time of Year</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb.)  | 11                         |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May)  | 3                          |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug.)  | 10                         |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov.)   | <u>14</u>                  |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 38                         |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>   | <u>Number of Vehicles</u>  |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )   | 17                         |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )   | 19                         |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )   | 19                         |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )   | <u>22</u>                  |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 77                         |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
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| <u>Pavement Condition</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Dry  | 18                         |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Icy  | 3                          |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Wet  | <u>5</u>                   |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 26                         |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>   | <u>Average</u>             |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1976   | 3.3                        |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1977   | 3.5                        |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1978   | 0                          |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1979   | <u>3</u>                   |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 4 year Average   | 3.3                        |                            |                        |    |                        |   |                       |          |                        |           |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |

# COLLISION DIAGRAM



INDICATE NORTH BY ARROW



| - SYMBOLS -  | TYPE OF COLLISION   | WEATHER ROAD CONDITIONS  |
|--|---|--|
| <ul style="list-style-type: none"> <li>← MOVING VEHICLE</li> <li>←←← BACKING VEHICLE</li> <li>←--- NON-INV. VEHICLE</li> <li>X--- PEDESTRIAN</li> <li>▣ PARKED VEHICLE</li> <li>□ FIXED OBJECT</li> <li>● FATAL ACCIDENT</li> <li>○ INJURY ACCIDENT</li> </ul> | <ul style="list-style-type: none"> <li>←+ REAR END</li> <li>←+ HEAD ON</li> <li>←+ SIDE SWIPE</li> <li>←+ OUT OF CONTROL</li> <li>←+ LEFT TURN</li> <li>↑+ RIGHT ANGLE</li> </ul> | <ul style="list-style-type: none"> <li>C-CLEAR</li> <li>CL-CLOUDY</li> <li>R-RAIN</li> <li>S-SNOW</li> <li>SL-SLEET</li> <li>F-FOG</li> <li>M-MIST</li> <li>W-HIGHWIND</li> <li>D-DRY</li> <li>W-WET</li> <li>S-SNOW</li> <li>I-ICE</li> <li>SL-SLUSH</li> <li>M-MUD</li> <li>O-OTHER (SPECIFY)</li> </ul> |

INTERSECTION GORDON DR AND So MARTHA  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION Gordon Dr. + So. Martha

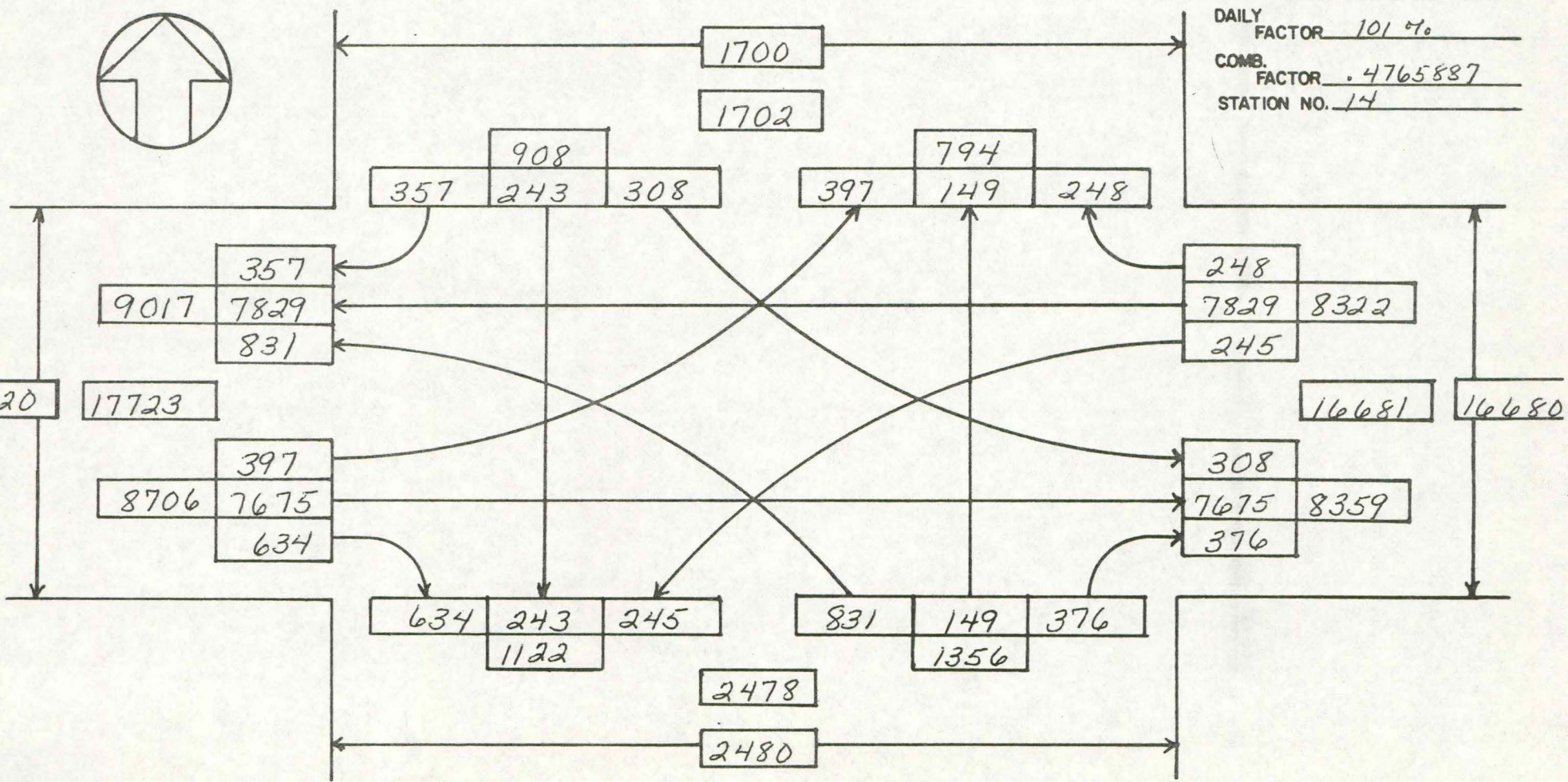
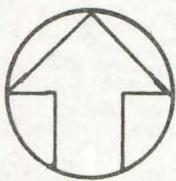
DATE 6-23-80

DAY Monday WEATHER cloudy

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 44.1%  
 MONTHLY FACTOR 107%  
 DAILY FACTOR 101%  
 COMB. FACTOR .4765887  
 STATION NO. 14



## Accident Summary

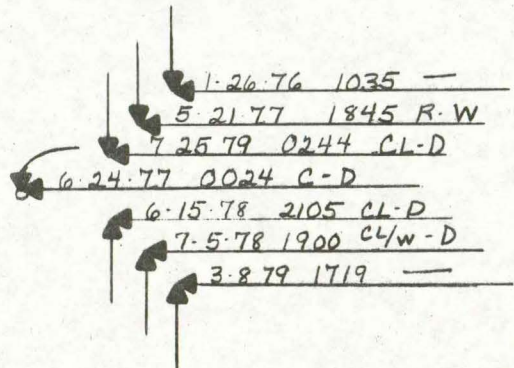
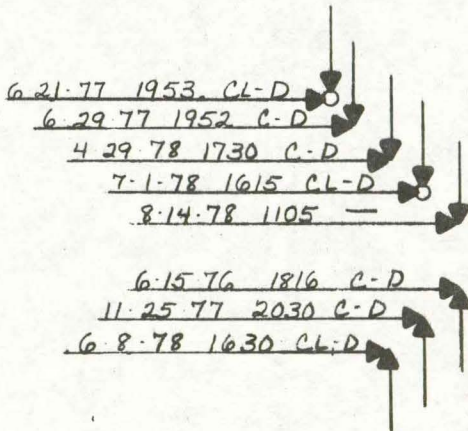
14TH & SUMMIT

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|---|----------------------------|----------------------------|------------------------|----|------------------------|---|-----------------------|----------|------------------------|----------|---|------------------------|--|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|----------|--------------------|-----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.  | 0                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.  | 2                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.   | 5                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.  | 8                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.  | 1                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.   | <u>1</u>                   |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 17                         |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Sideswipe   | 0                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Rear End  | 2                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Right Angle   | 14                         |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Left Turn   | 0                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Pedestrian  | 0                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Other   | <u>1</u>                   |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 17                         |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
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| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb.)   | 2                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May)   | 3                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug.)   | 11                         |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov.)  | <u>1</u>                   |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 17                         |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )  | 8                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )  | 6                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )  | 10                         |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )  | <u>10</u>                  |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 34                         |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
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| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Dry   | 11                         |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Icy   | 0                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Wet   | <u>2</u>                   |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 13                         |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1976  | 3                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1977  | 3.3                        |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1978  | 4                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1979  | <u>0</u>                   |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 4 year Average  | 3.4                        |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM



1-29-77 2138 —————>

<----- 8-15-78 1900 CL/R-W

14<sup>TH</sup>  
NAME

SUMMIT  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ← - - - - NON-INV. VEHICLE
- X - - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←~~~~ OUT OF CONTROL
- ←↙ LEFT TURN
- ↑↘ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |             |           |
|-------------|-----------|
| C-CLEAR     | D-DRY     |
| CL-CLOUDY   | W-WET     |
| R-RAIN      | S-SNOW    |
| S-SNOW      | I-ICE     |
| SL-SLEET    | SL-SLUSH  |
| F-FOG       | M-MUD     |
| M-MIST      | O-OTHER   |
| W-HIGH WIND | (SPECIFY) |

INTERSECTION 14<sup>TH</sup> AND SUMMIT  
PERIOD 4 YEARS : FROM 1976 TO 1979



TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 14th \* Summit Sts.

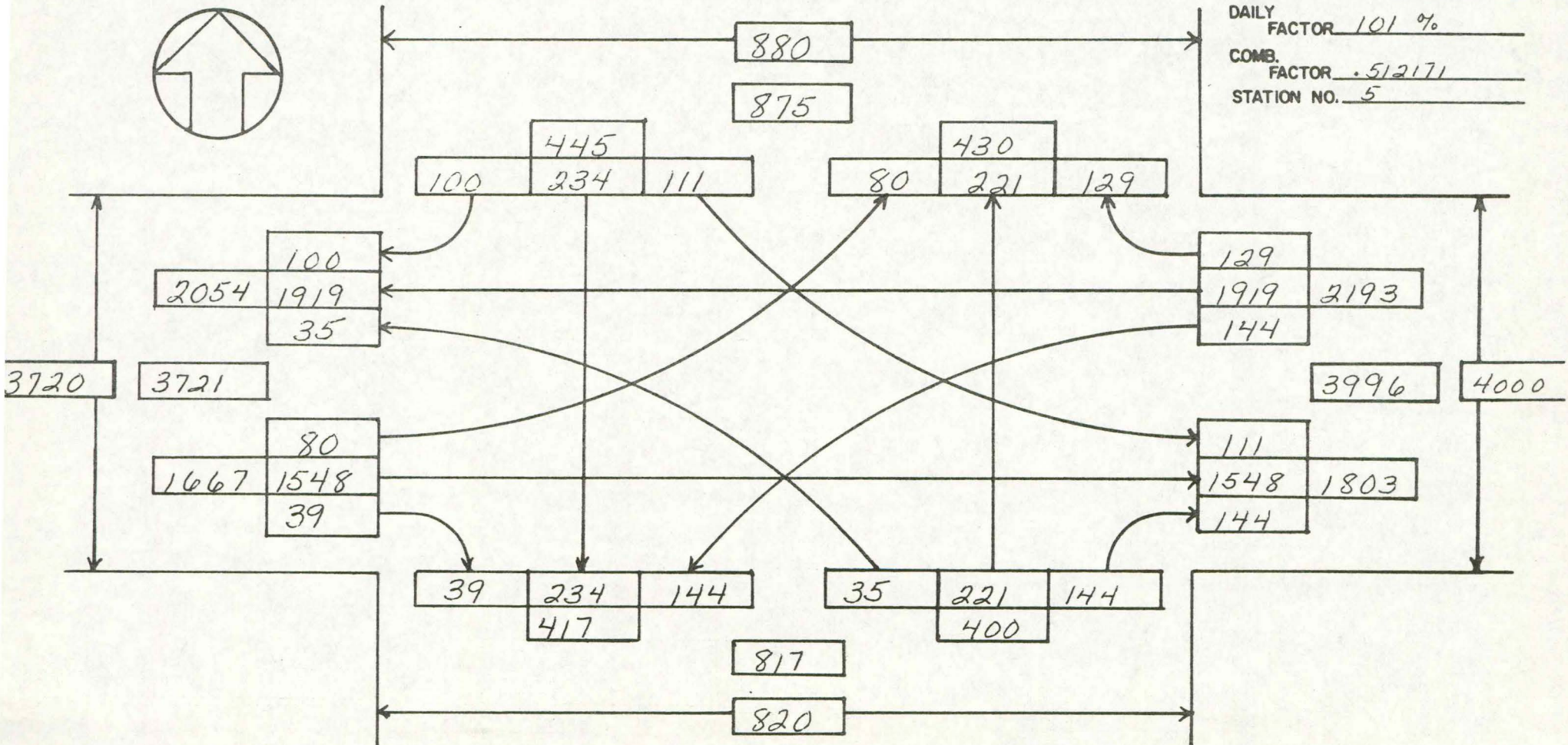
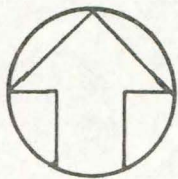
DATE 8-11-80

DAY Monday WEATHER sunny

HOURS COUNTED 7-11am, 3-6pm

HOURS SHOWN 24 hrs factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 46.1%  
 MONTHLY FACTOR 110%  
 DAILY FACTOR 101%  
 COMB. FACTOR .512171  
 STATION NO. 5



### Accident Summary

W. 3RD & HAMILTON BLVD.

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">4</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">5</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">15</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">11</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">6</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;">4</td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">45</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 4  | 10:00 a.m. - 2:00 p.m. | 5  | 2:00 p.m. - 6:00 p.m.  | 15 | 6:00 p.m. - 10:00 p.m. | 11 | 10:00 p.m. - 2:00 a.m.   | 6                      | 2:00 a.m. - 6:00 a.m.  | 4                            | <b>Totals</b>             | 45                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">18</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">11</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">12</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Other</td> <td style="text-align: center;">3</td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">45</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0   | Rear End              | 18  | Right Angle   | 11 | Left Turn | 12 | Pedestrian | 1 | Other | 3 | <b>Totals</b> | 45 |
|---|----------------------------|----------------------------|------------------------|----|------------------------|----|------------------------|----|------------------------|----|--|------------------------|--|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|-----|-----------------------|-----|---------------|----|-----------|----|------------|---|-------|---|---------------|----|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| 6:00 a.m. - 10:00 a.m.  | 4                          |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| 10:00 a.m. - 2:00 p.m.  | 5                          |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| 2:00 p.m. - 6:00 p.m.   | 15                         |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| 6:00 p.m. - 10:00 p.m.  | 11                         |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| 10:00 p.m. - 2:00 a.m.  | 6                          |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| 2:00 a.m. - 6:00 a.m.   | 4                          |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| <b>Totals</b>   | 45                         |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| <u>Accidents Type</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| Sideswipe   | 0                          |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| Rear End  | 18                         |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| Right Angle   | 11                         |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| Left Turn   | 12                         |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| Pedestrian  | 1                          |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| Other   | 3                          |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| <b>Totals</b>   | 45                         |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
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| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| Winter ( Dec. - Feb. )  | 10                         |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| Spring ( March - May )  | 13                         |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| Summer ( June - Aug. )  | 13                         |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| Fall ( Sept. - Nov. )   | 9                          |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| <b>Totals</b>   | 45                         |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| North ( Southbound )  | 32                         |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| South ( Northbound )  | 25                         |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| East ( Westbound )  | 20                         |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| West ( Eastbound )  | 14                         |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| <b>Totals</b>   | 91                         |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">23</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;">10</td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">34</td> </tr> </tbody> </table>   | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 23 | Icy                    | 1  | Wet                    | 10 | <b>Totals</b>          | 34 | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>I976</td> <td style="text-align: center;">0</td> </tr> <tr> <td>I977</td> <td style="text-align: center;">4</td> </tr> <tr> <td>I978</td> <td style="text-align: center;">3.5</td> </tr> <tr> <td>I979</td> <td style="text-align: center;">2.8</td> </tr> <tr> <td><b>4 year Average</b></td> <td style="text-align: center;">3.4</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>   | I976                         | 0                         | I977                 | 4   | I978                  | 3.5                        | I979               | 2.8 | <b>4 year Average</b> | 3.4 |               |    |           |    |            |   |       |   |               |    |
| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| Dry   | 23                         |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| Icy   | 1                          |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| Wet   | 10                         |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| <b>Totals</b>   | 34                         |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| I976  | 0                          |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| I977  | 4                          |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| I978  | 3.5                        |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| I979  | 2.8                        |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |
| <b>4 year Average</b>   | 3.4                        |                            |                        |    |                        |    |                        |    |                        |    |  |                        |  |                              |                           |                      |   |                       |                            |                    |     |                       |     |               |    |           |    |            |   |       |   |               |    |

# COLLISION DIAGRAM

INDICATE NORTH  
BY ARROW

11-24-79 1430 C-D

5-16-78 0645 C-D

12-21-78 1550 CL <sup>SL</sup>  
2-12-79 1610

12-27-77 0640

W. 3RD  
NAME

1-12-79 1715  
8-5-76 0559 C-D  
5-14-78 1955  
8-13-78 2314  
8-19-78 0145 C-D  
12-9-78 1630 C-D  
5-18-79 0024 <sup>5/6</sup> W  
10-20-79 1100 C-D  
11-7-77 2100

7-9-76 1201 C-D  
4-22-78 1455 R-W  
5-4-78 2150 C-D  
5-23-78 1650 C-D  
6-12-78 1850 C-D  
6-25-79 1535 C-D  
8-25-79 0209 C-D

8-6-77 1451 CL-D  
10-24-77 1941 CL-D  
12-3-77 1731 CL-W  
12-7-77 1110 C-W

11-14-77 1707  
7-21-78 1900  
1-12-79 1405 S-<sup>SL</sup>  
8-25-79 2250 <sup>CL/SL</sup>-W

4-10-76 1855

5-27-76 2037  
8-10-77 2018 R-W  
10-15-77 1941 C-D

5-25-76 1600  
6-28-77 0900 CL-W  
12-10-77 1335  
11-17-78 2253  
4-22-79 0210 C-D  
5-12-79 1650 <sup>CL/F</sup>-W  
9-15-79 1900 C-D  
11-21-79 0955 SL-W  
2-14-76 0220

HAMILTON  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←↗ SIDE SWIPE
- ←↪ OUT OF CONTROL
- ←↪ LEFT TURN
- ↘↗ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION W. 3RD AND HAMILTON BLVD.  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

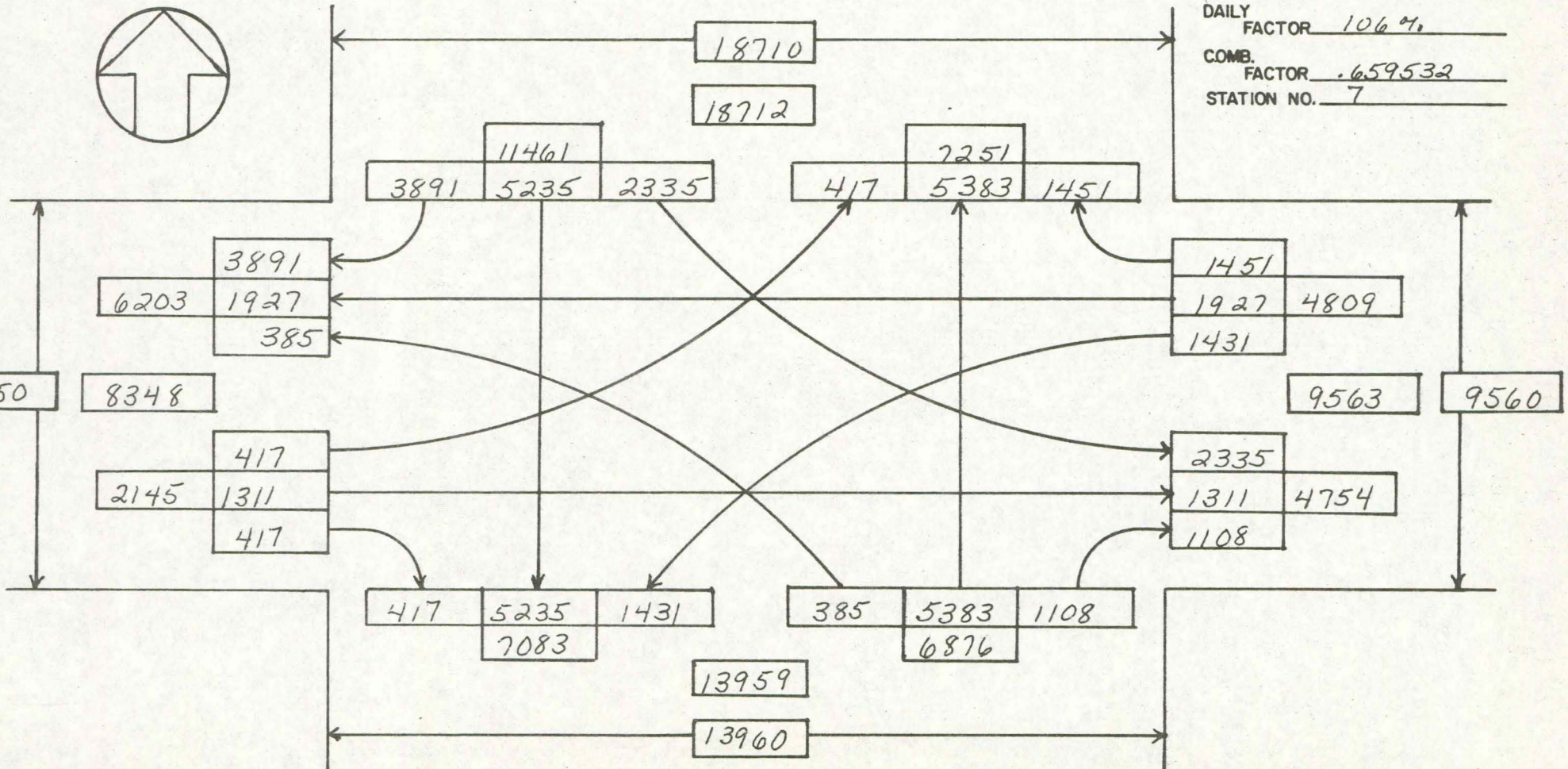
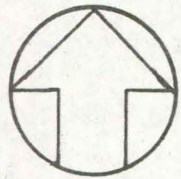
FLOW DIAGRAM

INTERSECTION W. 3RD + HAMILTON BLVD

DATE 6-28-79 DAY Thursday WEATHER fair

HOURS COUNTED 7-12am; 1-6pm HOURS SHOWN 24 Hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 61%  
 MONTHLY FACTOR 102%  
 DAILY FACTOR 106%  
 COMB. FACTOR .659532  
 STATION NO. 7



### Accident Summary

MORNINGSIDE & TRANSIT & SO. ST. AUBIN

| <u>Time of Day</u>     | <u>Number of<br/>Accidents</u> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| 6:00 a.m. - 10:00 a.m. | 4                              | Sideswipe             | 1                              |
| 10:00 a.m. - 2:00 p.m. | 8                              | Rear End              | 8                              |
| 2:00 p.m. - 6:00 p.m.  | 7                              | Right Angle           | 0                              |
| 6:00 p.m. - 10:00 p.m. | 9                              | Left Turn             | 14                             |
| 10:00 p.m. - 2:00 a.m. | 3                              | Pedestrian            | 2                              |
| 2:00 a.m. - 6:00 a.m.  | <u>1</u>                       | Other                 | <u>7</u>                       |
| <b>Totals</b>          | 32                             | <b>Totals</b>         | 32                             |

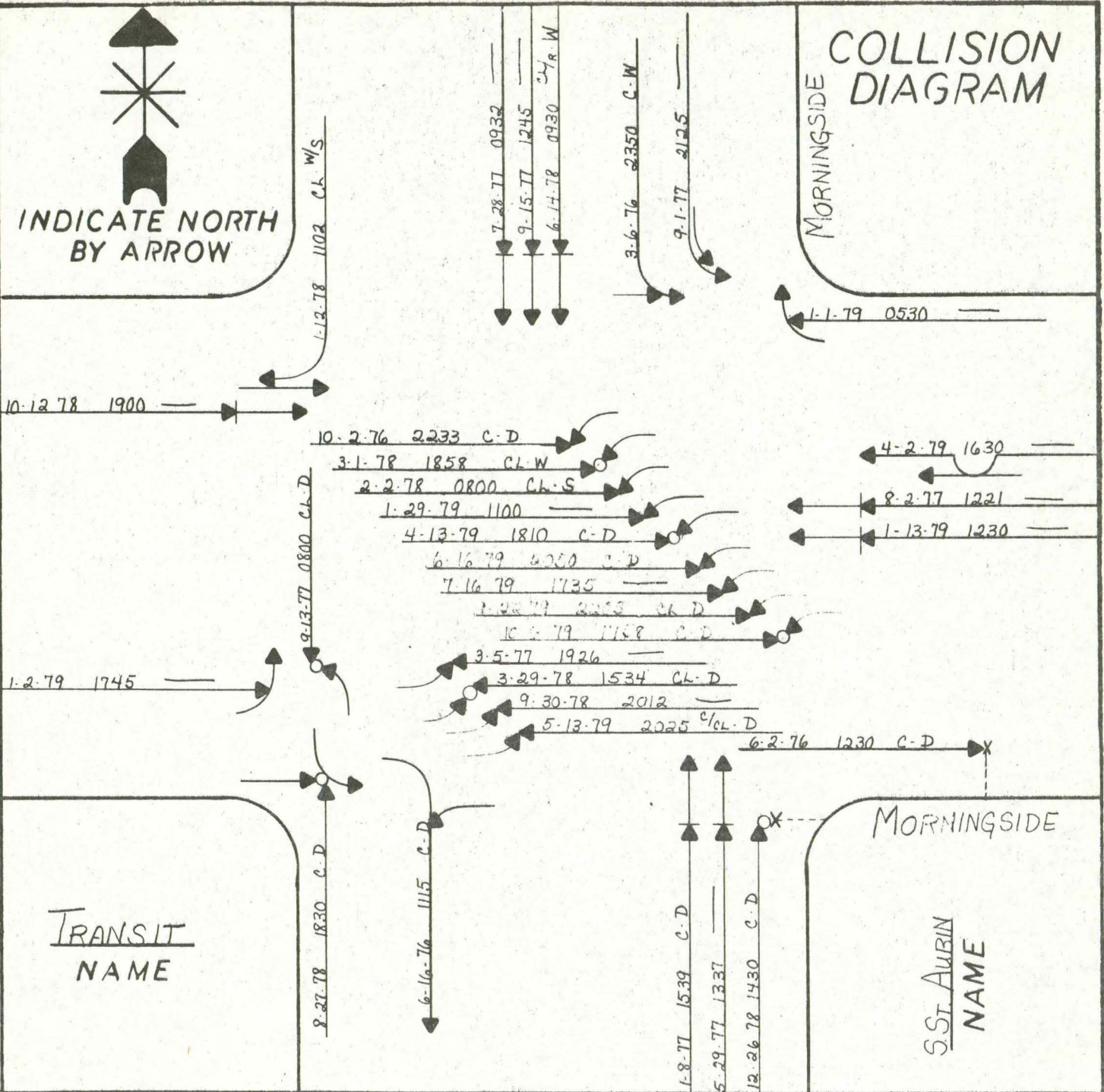
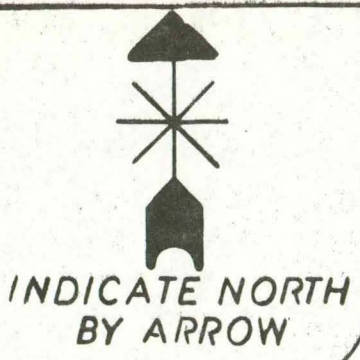
| <u>Time of Year</u>    | <u>Number of<br/>Accidents</u> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> |
|------------------------|--------------------------------|------------------------------|-------------------------------|
| Winter ( Dec. - Feb. ) | 8                              | North ( Southbound )         | 12                            |
| Spring ( March - May ) | 8                              | South ( Northbound )         | 7                             |
| Summer ( June - Aug. ) | 8                              | East ( Westbound )           | 21                            |
| Fall ( Sept. - Nov. )  | <u>8</u>                       | West ( Eastbound )           | <u>22</u>                     |
| <b>Totals</b>          | 32                             | <b>Totals</b>                | 62                            |

| <u>Pavement Condition</u> | <u>Number of<br/>Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|--------------------------------|------------------------|----------------|
| Dry                       | 13                             | 1976                   | 0              |
| Icy                       | 0                              | 1977                   | 3              |
| Wet                       | <u>4</u>                       | 1978                   | 3.7            |
| <b>Totals</b>             | 17                             | 1979                   | <u>3</u>       |
|                           |                                | <b>4 year Average</b>  | 3.2            |

# COLLISION DIAGRAM

MORNINGSIDE



## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←eee OUT OF CONTROL
- ←↙ LEFT TURN
- ↑ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |                   |
|------------|-------------------|
| C-CLEAR    | D-DRY             |
| CL-CLOUDY  | W-WET             |
| R-RAIN     | S-SNOW            |
| S-SNOW     | I-ICE             |
| SL-SLEET   | SL-SLUSH          |
| F-FOG      | M-MUD             |
| M-MIST     | O-OTHER (SPECIFY) |
| W-HIGHWIND |                   |

INTERSECTION MORNINGSIDE AVE - TRANSIT AND S. ST. AUBIN  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION Morningside \* Transit \* So. St. Aubin

DATE 6-29-79

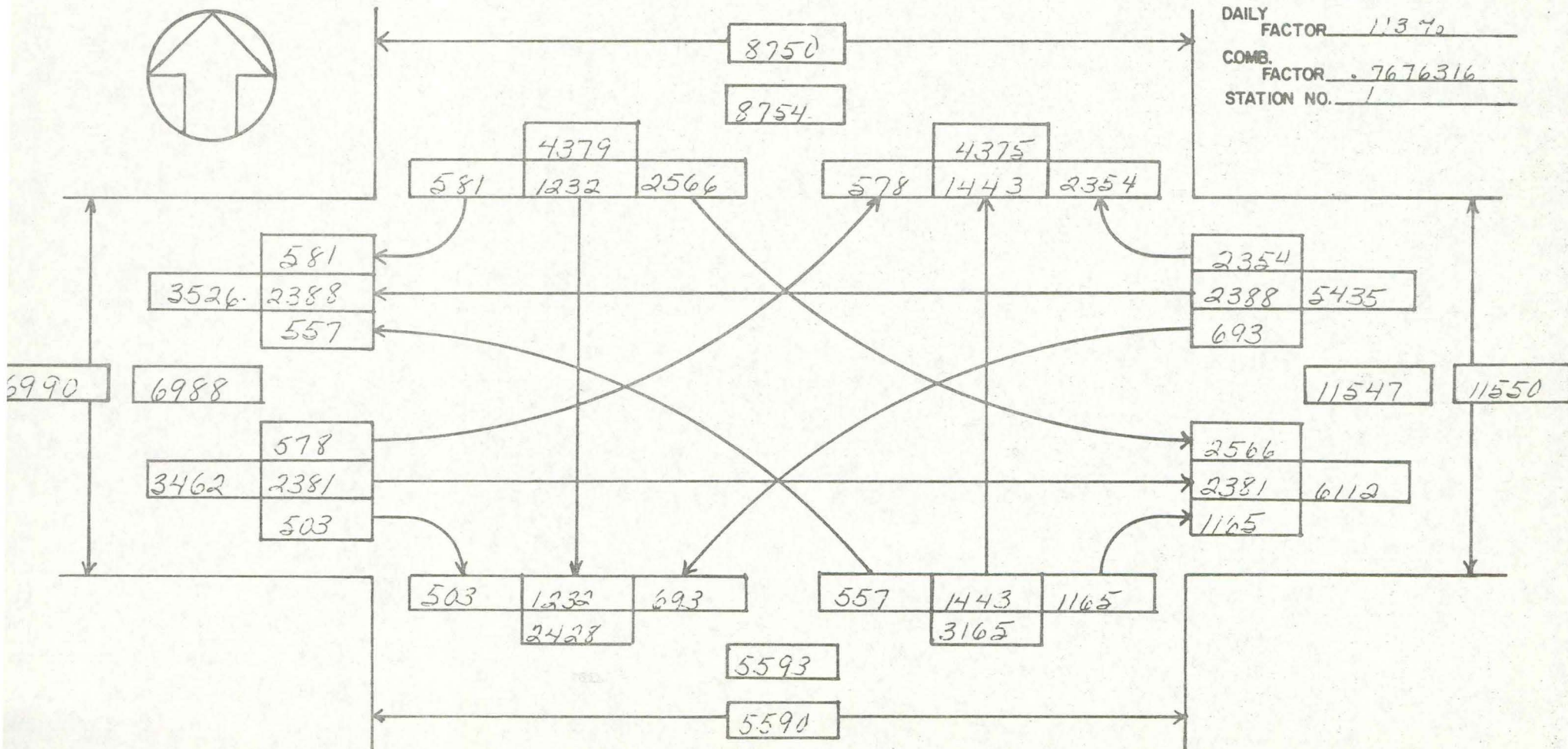
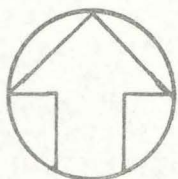
DAY Friday

WEATHER clear \* hot

HOURS COUNTED 7:12 am; 1:40 pm

HOURS SHOWN 24 hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 61.2%  
 MONTHLY FACTOR 1.1%  
 DAILY FACTOR 1.3%  
 COMB. FACTOR .7676316  
 STATION NO. 1



### Accident Summary

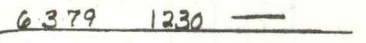
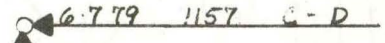
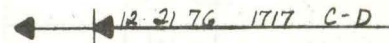
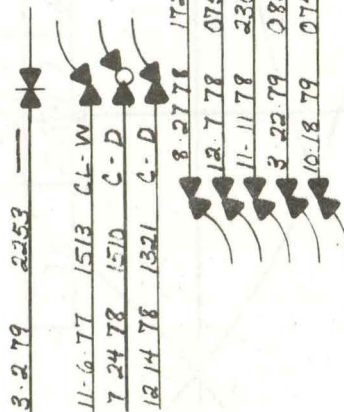
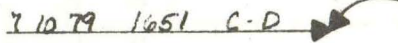
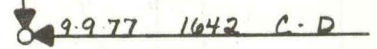
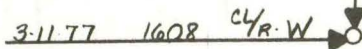
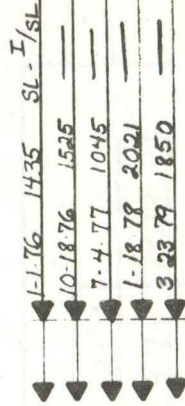
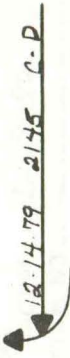
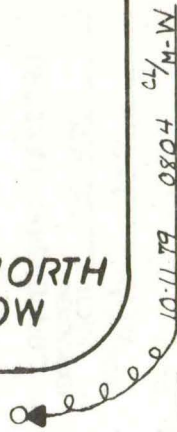
36TH & HAMILTON BLVD.

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">4</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">13</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">5</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>28</b></td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 3  | 10:00 a.m. - 2:00 p.m. | 4 | 2:00 p.m. - 6:00 p.m. | 13       | 6:00 p.m. - 10:00 p.m. | 5         | 10:00 p.m. - 2:00 a.m.   | 3                      | 2:00 a.m. - 6:00 a.m.  | <u>0</u>                     | <b>Totals</b>             | <b>28</b>            | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">10</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">9</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>5</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>28</b></td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 1        | Rear End              | 10         | Right Angle   | 3         | Left Turn | 9 | Pedestrian | 0 | Other | <u>5</u> | <b>Totals</b> | <b>28</b> |
|--|----------------------------|----------------------------|------------------------|----|------------------------|---|-----------------------|----------|------------------------|-----------|--|------------------------|--|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|----------|-----------------------|------------|---------------|-----------|-----------|---|------------|---|-------|----------|---------------|-----------|
| <u>Time of Day</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| 6:00 a.m. - 10:00 a.m.   | 3                          |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| 10:00 a.m. - 2:00 p.m.   | 4                          |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| 2:00 p.m. - 6:00 p.m.  | 13                         |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| 6:00 p.m. - 10:00 p.m.   | 5                          |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| 10:00 p.m. - 2:00 a.m.   | 3                          |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| <b>Totals</b>  | <b>28</b>                  |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| <u>Accidents Type</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| Sideswipe  | 1                          |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| Rear End   | 10                         |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| Right Angle  | 3                          |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| Left Turn  | 9                          |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| Pedestrian   | 0                          |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| Other  | <u>5</u>                   |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| <b>Totals</b>  | <b>28</b>                  |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
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| <u>Time of Year</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| Winter ( Dec. - Feb.)  | 8                          |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| Spring ( March - May)  | 4                          |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| Summer ( June - Aug.)  | 8                          |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| Fall ( Sept. - Nov.)   | <u>8</u>                   |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| <b>Totals</b>  | <b>28</b>                  |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| <u>Direction of Approach</u>   | <u>Number of Vehicles</u>  |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| North ( Southbound )   | 24                         |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| South ( Northbound )   | 23                         |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| East ( Westbound )   | 6                          |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| West ( Eastbound )   | <u>2</u>                   |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| <b>Totals</b>  | <b>55</b>                  |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
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| <u>Pavement Condition</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| Dry  | 13                         |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| Icy  | 2                          |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| Wet  | <u>5</u>                   |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| <b>Totals</b>  | <b>20</b>                  |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| <u>Injury Severity</u>   | <u>Average</u>             |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| 1976   | 4                          |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| 1977   | 3.3                        |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| 1978   | 3.7                        |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| 1979   | <u>3</u>                   |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |
| <b>4 year Average</b>  | <b>3.5</b>                 |                            |                        |    |                        |   |                       |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |          |                       |            |               |           |           |   |            |   |       |          |               |           |

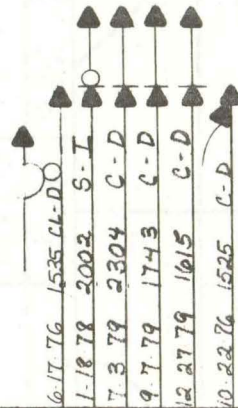


# COLLISION DIAGRAM

INDICATE NORTH  
BY ARROW



36TH  
NAME



HAMILTON  
NAME

## - SYMBOLS -

- MOVING VEHICLE
- BACKING VEHICLE
- NON-INV. VEHICLE
- PEDESTRIAN
- PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- REAR END
- HEAD ON
- SIDE SWIPE
- OUT OF CONTROL
- LEFT TURN
- RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 36TH AND HAMILTON BLYD.  
 PERIOD 4 YEARS : FROM 1976 TO 1979

## Accident Summary

3RD & PEARL

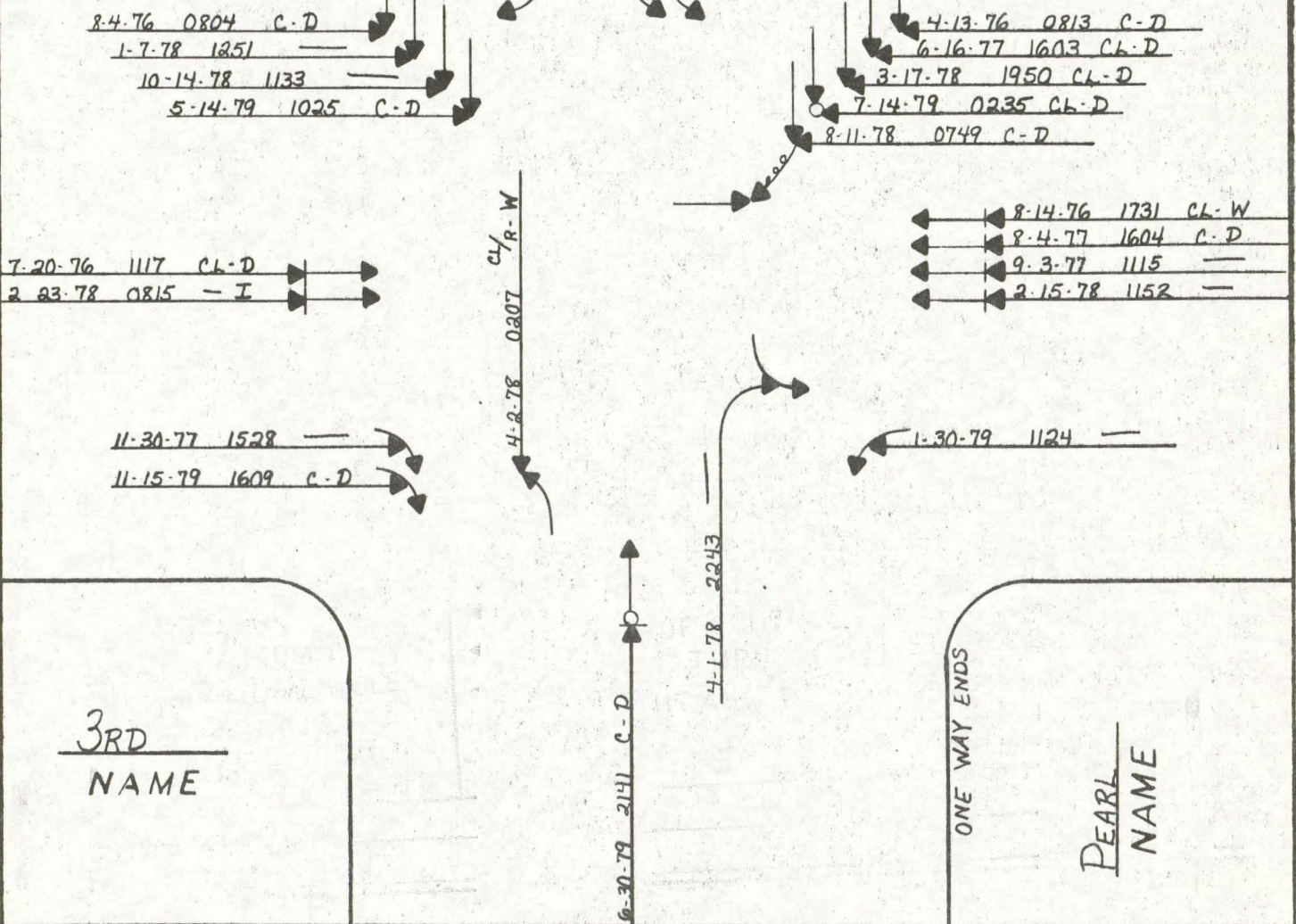
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|--|----------------------------|----------------------------|------------------------|----|------------------------|---|------------------------|----------|------------------------|----------|---|------------------------|--|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|------------|-----------------------|-----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.   | 4                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.   | 8                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.  | 7                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.   | 2                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.   | 1                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.  | <u>2</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 24                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Sideswipe  | 0                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Rear End   | 7                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Right Angle  | 9                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Left Turn  | 1                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Pedestrian   | 0                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Other  | <u>7</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 24                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
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| <u>Time of Year</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb. )   | 4                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May )   | 6                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug. )   | 8                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov. )  | <u>6</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 24                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>   | <u>Number of Vehicles</u>  |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )   | 17                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )   | 4                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )   | 15                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )   | <u>13</u>                  |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 49                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">11</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>2</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">14</td> </tr> </tbody> </table>  | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 11 | Icy                    | 1 | Wet                    | <u>2</u> | <b>Totals</b>          | 14       | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>3.3</u></td> </tr> <tr> <td><b>4 year Average</b></td> <td style="text-align: center;">3.3</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>   | 1976                         | 0                         | 1977                 | 0   | 1978                  | 0                          | 1979               | <u>3.3</u> | <b>4 year Average</b> | 3.3       |               |    |           |   |            |   |       |          |               |    |
| <u>Pavement Condition</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Dry  | 11                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Icy  | 1                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| Wet  | <u>2</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 14                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>   | <u>Average</u>             |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| 1976   | 0                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| 1977   | 0                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| 1978   | 0                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| 1979   | <u>3.3</u>                 |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |
| <b>4 year Average</b>  | 3.3                        |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |           |               |    |           |   |            |   |       |          |               |    |

# COLLISION DIAGRAM

INDICATE NORTH BY ARROW



ONE WAY



## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←\*← REAR END
- ←→ HEAD ON
- ←V← SIDE SWIPE
- ←teee OUT OF CONTROL
- ←↪ LEFT TURN
- ↕ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |                   |
|------------|-------------------|
| C-CLEAR    | D-DRY             |
| CL-CLOUDY  | W-WET             |
| R-RAIN     | S-SNOW            |
| S-SNOW     | I-ICE             |
| SL-SLEET   | SL-SLUSH          |
| F-FOG      | M-MUD             |
| M-MIST     | O-OTHER (SPECIFY) |
| W-HIGHWIND |                   |

INTERSECTION 3RD AND PEARL  
 PERIOD 4 YEARS : FROM 1976 TO 1979

# VEHICLE VOLUME COUNT

## FLOW DIAGRAM

INTERSECTION 3rd & Pearl Sts

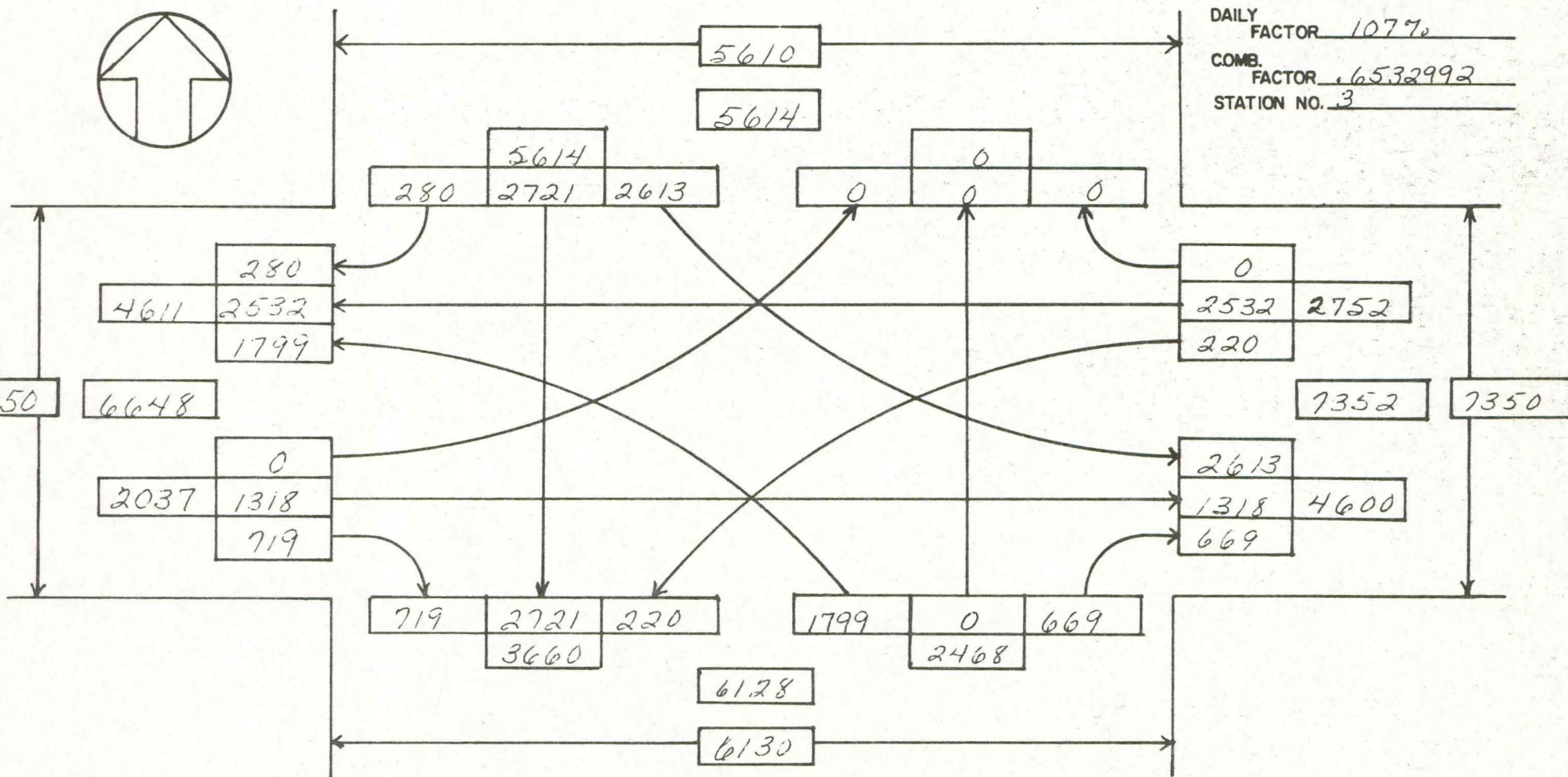
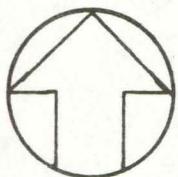
DATE 7-5-79

DAY Thursday WEATHER —

HOURS COUNTED 7-12am; 1-6pm

HOURS SHOWN 24 hrs factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 63.6%  
 MONTHLY FACTOR 96%  
 DAILY FACTOR 107%  
 COMB. FACTOR .6532992  
 STATION NO. 3

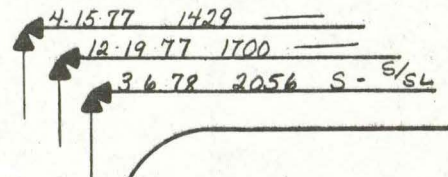
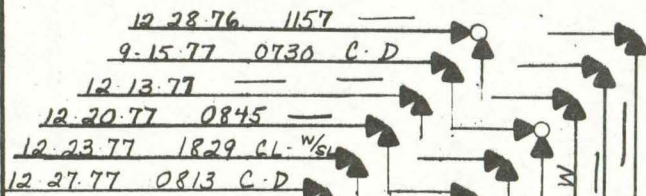
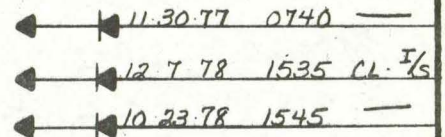
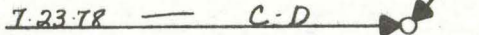
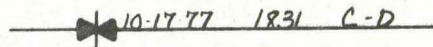
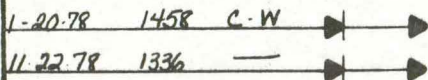
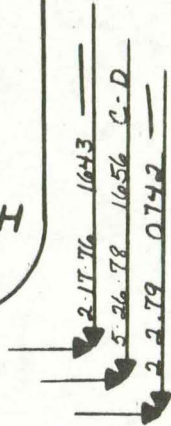


**Accident Summary**  
TRANSIT & SO. ALICE

|   |                                   |  |                                   |
|---|-----------------------------------|--|-----------------------------------|
| <p><u>Time of Day</u></p> <p>6:00 a.m. - 10:00 a.m.                      5<br/>           10:00 a.m. - 2:00 p.m.                    5<br/>           2:00 p.m. - 6:00 p.m.                    11<br/>           6:00 p.m. - 10:00 p.m.                  4<br/>           10:00 p.m. - 2:00 a.m.                  0<br/>           2:00 a.m. - 6:00 a.m.                  <u>0</u></p> <p>Totals    25</p> | <p><u>Number of Accidents</u></p> | <p><u>Accidents Type</u></p> <p>Sideswipe                                      0<br/>           Rear End                                        6<br/>           Right Angle                                  19<br/>           Left Turn                                      1<br/>           Pedestrian                                    0<br/>           Other    <u>1</u></p> <p>Totals    27</p> | <p><u>Number of Accidents</u></p> |
| <p><u>Time of Year</u></p> <p>Winter ( Dec. - Feb.)                      13<br/>           Spring ( March - May)                    7<br/>           Summer ( June - Aug.)                    2<br/>           Fall ( Sept. - Nov.)                      <u>5</u></p> <p>Totals    27</p>   | <p><u>Number of Accidents</u></p> | <p><u>Direction of Approach</u></p> <p>North ( Southbound )                      3<br/>           South ( Northbound )                    18<br/>           East ( Westbound )                        11<br/>           West ( Eastbound )                        <u>22</u></p> <p>Totals    54</p>  | <p><u>Number of Vehicles</u></p>  |
| <p><u>Pavement Condition</u></p> <p>Dry    6<br/>           Icy     1<br/>           Wet    <u>6</u></p> <p>Totals    13</p>  | <p><u>Number of Accidents</u></p> | <p><u>Injury Severity</u></p> <p>1976    0<br/>           1977    3<br/>           1978    3.7<br/>           1979    <u>0</u></p> <p>4 year Average                              3.4</p>  | <p><u>Average</u></p>             |

# COLLISION DIAGRAM

INDICATE NORTH BY ARROW



TRANSIT  
NAME

1-7-78 1245 CL-W  
1-13-78 1552 C-W/SL  
1-13-78 1712 C-W  
3-20-78 1613 C-D  
4-23-78 1800 CL-W  
4-25-78 1349  
6-5-78 1128

4-23-78 1435 CL-M-W

So. ALICE  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←← REAR END
- ← X HEAD ON
- ← V SIDE SWIPE
- ← eee OUT OF CONTROL
- ← T LEFT TURN
- ← R RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |                   |
|------------|-------------------|
| C-CLEAR    | D-DRY             |
| CL-CLOUDY  | W-WET             |
| R-RAIN     | S-SNOW            |
| S-SNOW     | I-ICE             |
| SL-SLEET   | SL-SLUSH          |
| F-FOG      | M-MUD             |
| M-MIST     | O-OTHER (SPECIFY) |
| W-HIGHWIND |                   |

INTERSECTION TRANSIT AVE. AND So. ALICE  
 PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION Transit Ave - So Alice St.

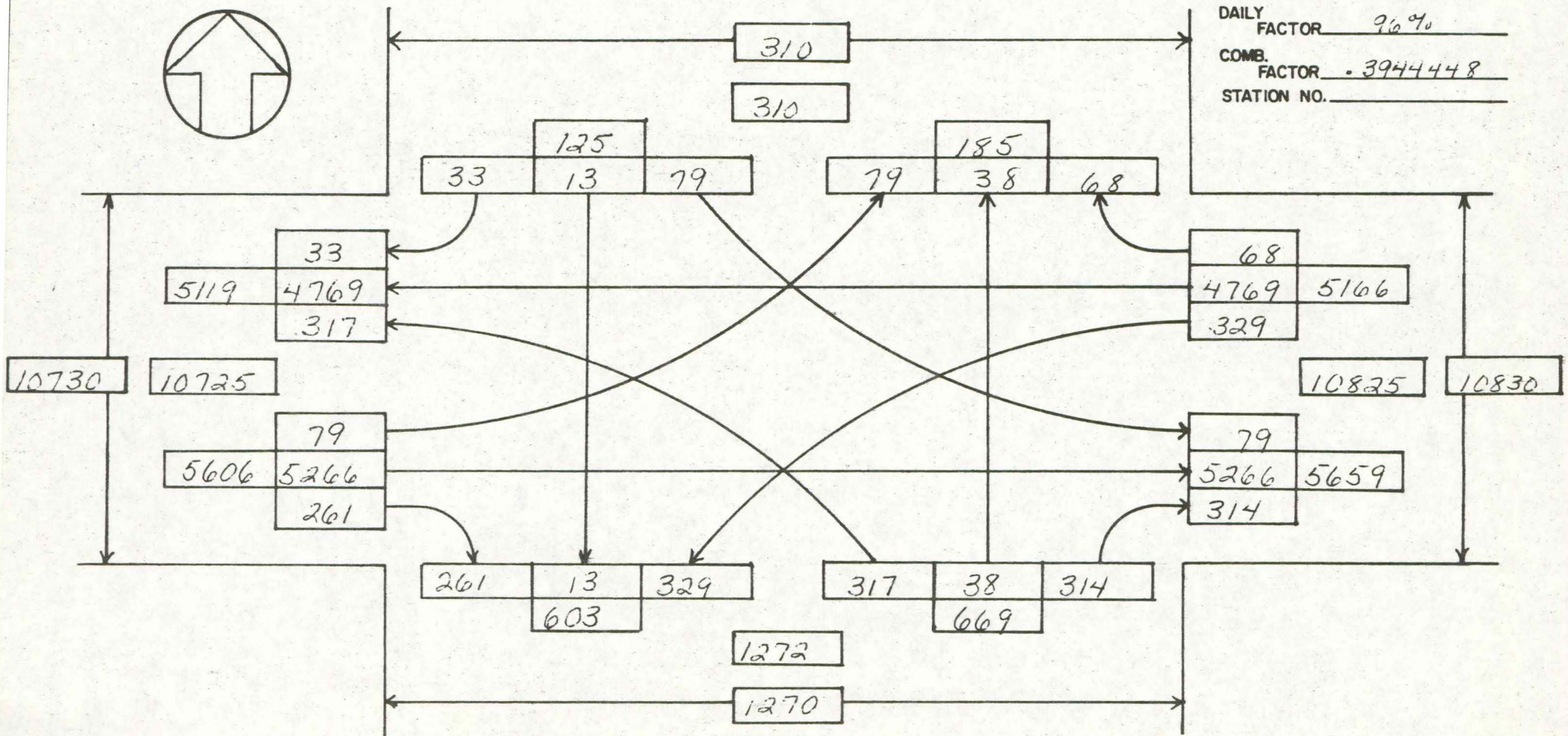
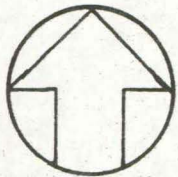
DATE 4-17-79

DAY Tuesday WEATHER cloudy

HOURS COUNTED 7-9am; 11-2pm; 3-5pm

HOURS SHOWN 24 Hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 42.8%  
 MONTHLY FACTOR 96%  
 DAILY FACTOR 96%  
 COMB. FACTOR .3944448  
 STATION NO. \_\_\_\_\_



**Accident Summary**  
FAIRMONT & PETERS

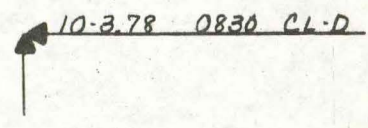
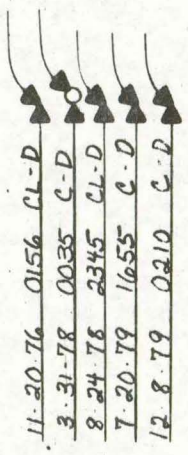
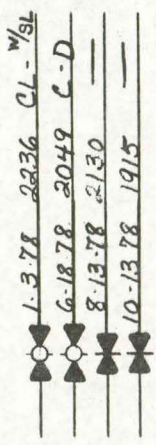
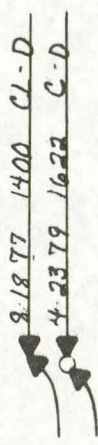
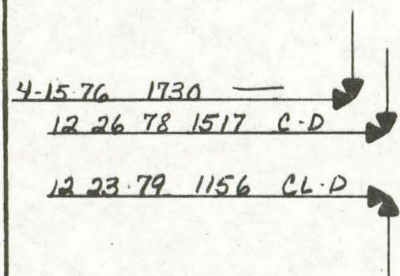
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|---|----------------------------|----------------------------|------------------------|----|------------------------|---|------------------------|----------|------------------------|----------|--|------------------------|--|------------------------------|---------------------------|----------------------|--|-----------------------|----------------------------|--------------------|----------|-----------------------|----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.  | 0                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.  | 1                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.   | 5                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.  | 4                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.  | 5                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.   | <u>1</u>                   |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 16                         |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Sideswipe   | 0                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Rear End  | 1                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Right Angle   | 4                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Left Turn   | 7                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Pedestrian  | 0                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Other   | <u>4</u>                   |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 16                         |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
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| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb. )  | 4                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May )  | 3                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug. )  | 6                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov. )   | <u>3</u>                   |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 16                         |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )  | 15                         |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )  | 13                         |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )  | 1                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )  | <u>3</u>                   |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 32                         |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
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| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Dry   | 11                         |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Icy   | 0                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Wet   | <u>2</u>                   |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 13                         |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 1976  | 0                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 1977  | 0                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 1978  | 3.2                        |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 1979  | <u>4</u>                   |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>4 year Average</b>   | 3.6                        |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |



# COLLISION DIAGRAM



INDICATE NORTH BY ARROW



PETERS  
NAME

FAIRMONT  
NAME

- SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←eee OUT OF CONTROL
- ←↙ LEFT TURN
- ↑↘ RIGHT ANGLE

WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION So. FAIRMONT AND PETERS AVE.  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION So Fairmont \* Peters

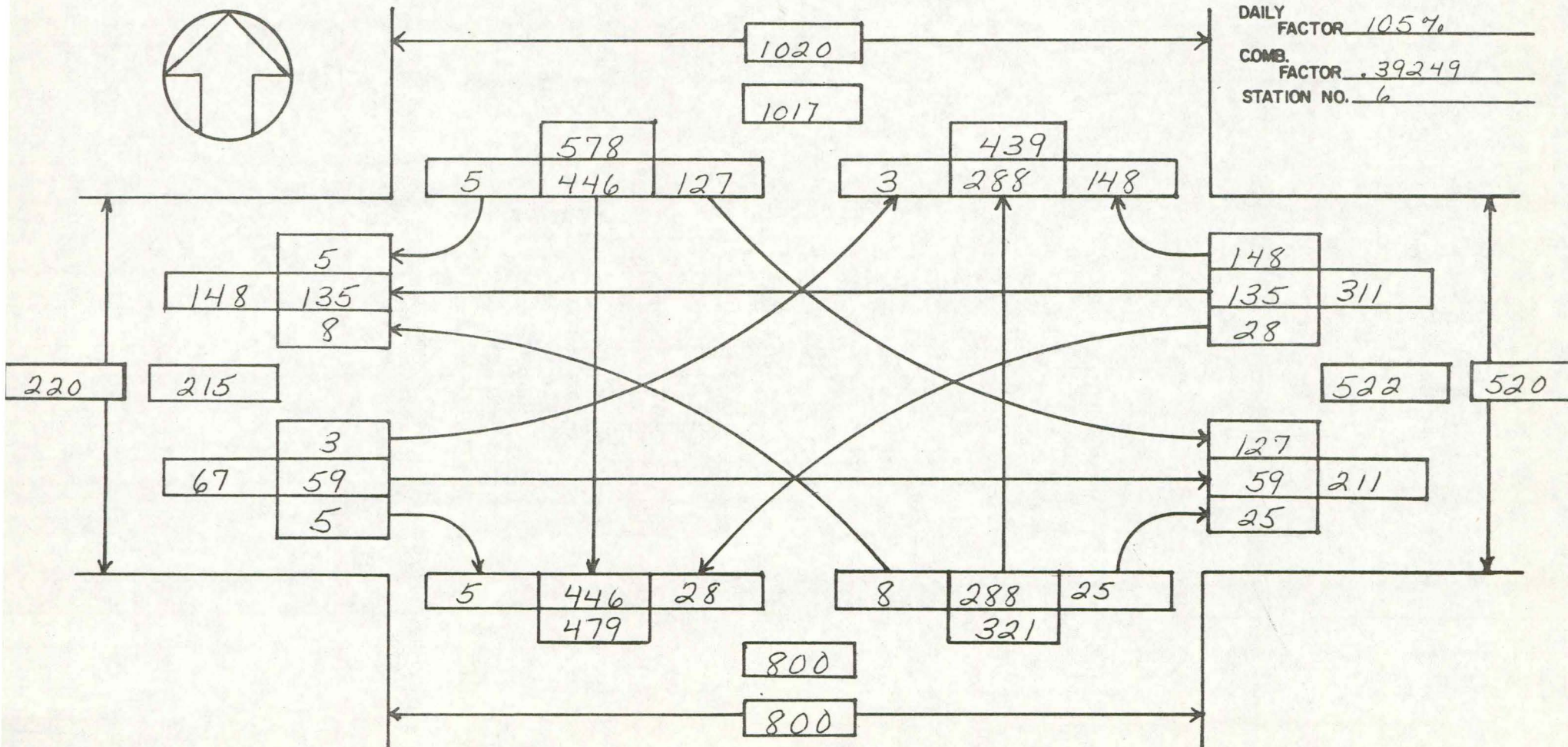
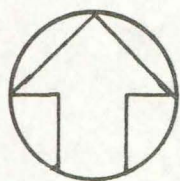
DATE 7-24-80

DAY Thursday WEATHER partly cloudy

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 42%  
 MONTHLY FACTOR 89%  
 DAILY FACTOR 105%  
 COMB. FACTOR .39249  
 STATION NO. 6



## Accident Summary

13TH & JACKSON

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">9</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">5</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">1</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>2</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">21</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 2  | 10:00 a.m. - 2:00 p.m. | 2 | 2:00 p.m. - 6:00 p.m. | 9        | 6:00 p.m. - 10:00 p.m. | 5        | 10:00 p.m. - 2:00 a.m.  | 1                      | 2:00 a.m. - 6:00 a.m.  | <u>2</u>                     | <b>Totals</b>             | 21                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">19</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>1</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">22</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0        | Rear End           | 2        | Right Angle   | 19 | Left Turn | 0 | Pedestrian | 0 | Other | <u>1</u> | <b>Totals</b> | 22 |
|---|----------------------------|----------------------------|------------------------|----|------------------------|---|-----------------------|----------|------------------------|----------|---|------------------------|--|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|----------|--------------------|----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.  | 2                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.  | 2                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.   | 9                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.  | 5                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.  | 1                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.   | <u>2</u>                   |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 21                         |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Sideswipe   | 0                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Rear End  | 2                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Right Angle   | 19                         |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Left Turn   | 0                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Pedestrian  | 0                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Other   | <u>1</u>                   |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 22                         |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
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| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb.)   | 3                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May)   | 7                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug.)   | 8                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov.)  | <u>4</u>                   |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 22                         |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )  | 17                         |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )  | 8                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )  | 13                         |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )  | <u>6</u>                   |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 44                         |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
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| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Dry   | 13                         |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Icy   | 0                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Wet   | <u>1</u>                   |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 14                         |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 1976  | 3.4                        |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 1977  | 3                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 1978  | 0                          |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 1979  | <u>0</u>                   |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 4 year Average  | 3.2                        |                            |                        |    |                        |   |                       |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |

# COLLISION DIAGRAM

INDICATE NORTH  
BY ARROW



4-11-77 1210 C-D  
9-26-77 1420 —  
8-4-78 2251 C-D  
1-3-79 0812 —  
3-3-79 0205 —

6-23-76 2054 CL-D  
4-5-78 1431 —

5-11-76 1715 C-D  
5-17-76 1635 C-D  
6-23-76 1504 —  
7-29-76 1720 C-D  
5-23-77 2115 C-D  
6-12-78 — C-D  
8-28-79 1715 CL-D

11-18-76 1159 —

4-13-76 0224 C-D

2-16-76 2351 CL-D  
6-08-76 1526 —  
10-7-77 0815 —  
12-16-76 0915 C-D  
6-4-79 1900 C-D  
9-12-79 1508 C/M-W

13TH  
NAME

JACKSON  
NAME

## - SYMBOLS -

- ↔ MOVING VEHICLE
- ↔ BAKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ☐ PARKED VEHICLE
- ☐ FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ↔ REAR END
- ↔ HEAD ON
- ↔ SIDE SWIPE
- ↔ OUT OF CONTROL
- ↔ LEFT TURN
- ↔ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION 13TH AND JACKSON  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

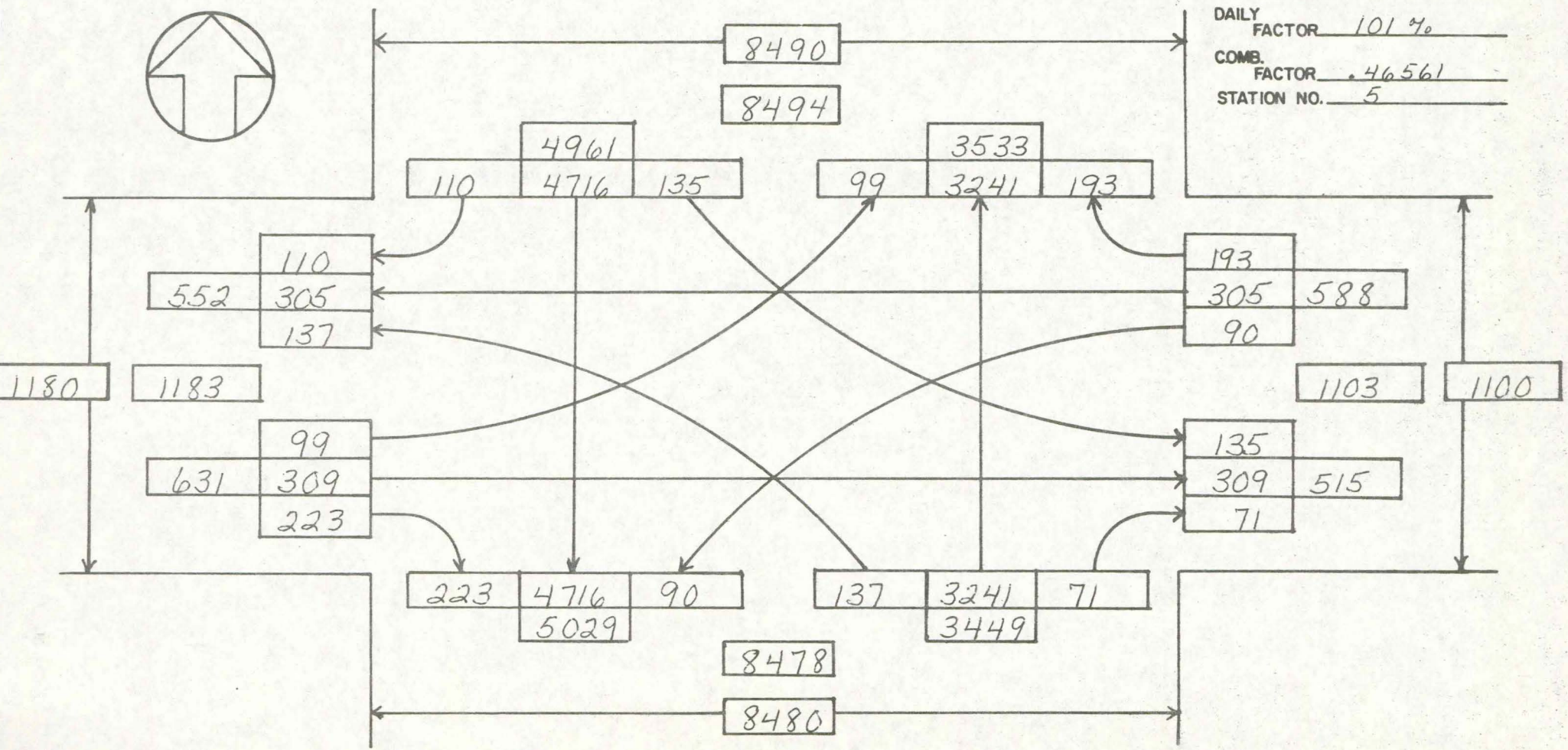
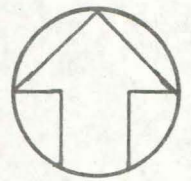
FLOW DIAGRAM

INTERSECTION 13th + Jackson Sts.

DATE 8-11-80 DAY Monday WEATHER clear

HOURS COUNTED 7-11am; 3-6pm HOURS SHOWN 24 hrs factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 46.1%  
 MONTHLY FACTOR 100%  
 DAILY FACTOR 101%  
 COMB. FACTOR .46561  
 STATION NO. 5



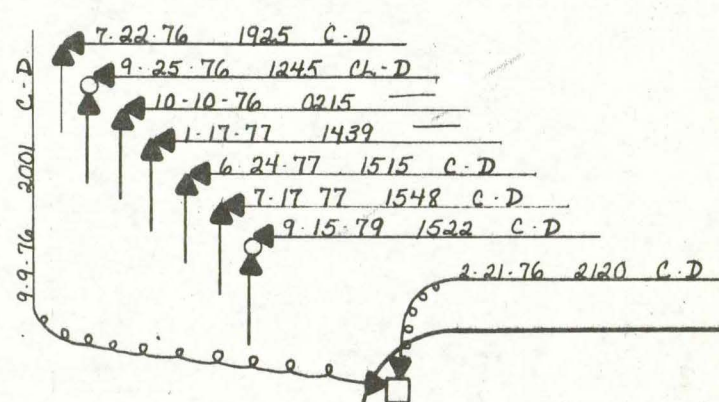
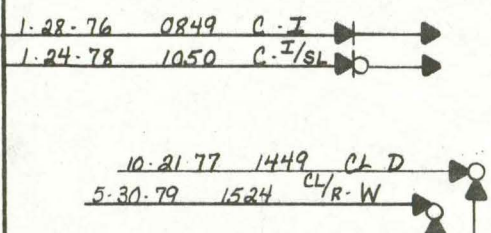
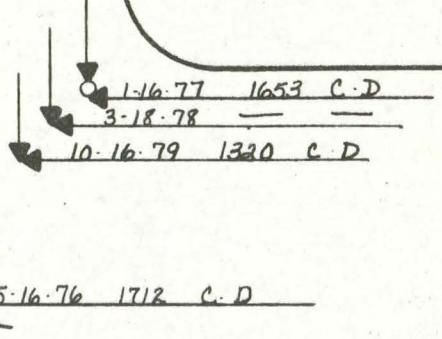
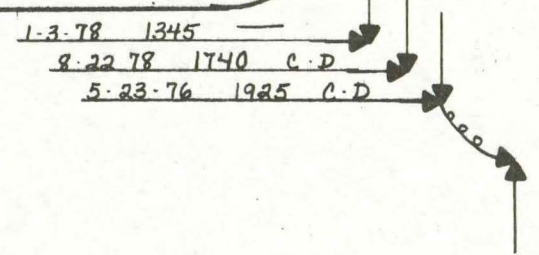
## Accident Summary

W. 19TH & ROSS

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">4</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">9</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>1</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">19</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 2  | 10:00 a.m. - 2:00 p.m. | 4 | 2:00 p.m. - 6:00 p.m.  | 9        | 6:00 p.m. - 10:00 p.m. | 3        | 10:00 p.m. - 2:00 a.m.  | 0                      | 2:00 a.m. - 6:00 a.m.  | <u>1</u>                     | <b>Totals</b>             | 19                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">15</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>2</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">20</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0        | Rear End           | 3        | Right Angle   | 15 | Left Turn | 0 | Pedestrian | 0 | Other | <u>2</u> | <b>Totals</b> | 20 |
|---|----------------------------|----------------------------|------------------------|----|------------------------|---|------------------------|----------|------------------------|----------|---|------------------------|--|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|----------|--------------------|----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.  | 2                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.  | 4                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.   | 9                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.  | 3                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.  | 0                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.   | <u>1</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 19                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Sideswipe   | 0                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Rear End  | 3                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Right Angle   | 15                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Left Turn   | 0                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Pedestrian  | 0                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Other   | <u>2</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 20                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">6</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">4</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">4</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;"><u>6</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">20</td> </tr> </tbody> </table>   | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb. ) | 6  | Spring ( March - May ) | 4 | Summer ( June - Aug. ) | 4        | Fall ( Sept. - Nov. )  | <u>6</u> | <b>Totals</b>   | 20                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">7</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">10</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">13</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>8</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">38</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 7   | South ( Northbound )  | 10                         | East ( Westbound ) | 13       | West ( Eastbound ) | <u>8</u> | <b>Totals</b> | 38 |           |   |            |   |       |          |               |    |
| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb. )  | 6                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May )  | 4                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug. )  | 4                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov. )   | <u>6</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 20                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )  | 7                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )  | 10                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )  | 13                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )  | <u>8</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 38                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">13</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>1</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">16</td> </tr> </tbody> </table>  | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 13 | Icy                    | 2 | Wet                    | <u>1</u> | <b>Totals</b>          | 16       | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">2</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">3.2</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">4</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>3</u></td> </tr> <tr> <td style="text-align: right;">4 year Average</td> <td style="text-align: center;">3.1</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>   | 1976                         | 2                         | 1977                 | 3.2   | 1978                  | 4                          | 1979               | <u>3</u> | 4 year Average     | 3.1      |               |    |           |   |            |   |       |          |               |    |
| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Dry   | 13                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Icy   | 2                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Wet   | <u>1</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 16                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 1976  | 2                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 1977  | 3.2                        |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 1978  | 4                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 1979  | <u>3</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 4 year Average  | 3.1                        |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |

# COLLISION DIAGRAM

INDICATE NORTH  
BY ARROW



W. 19TH  
NAME

Ross  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ← e e e e OUT OF CONTROL
- ←↙ LEFT TURN
- ↑↘ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION W. 19TH AND Ross  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION W 19th & Ross Sts.

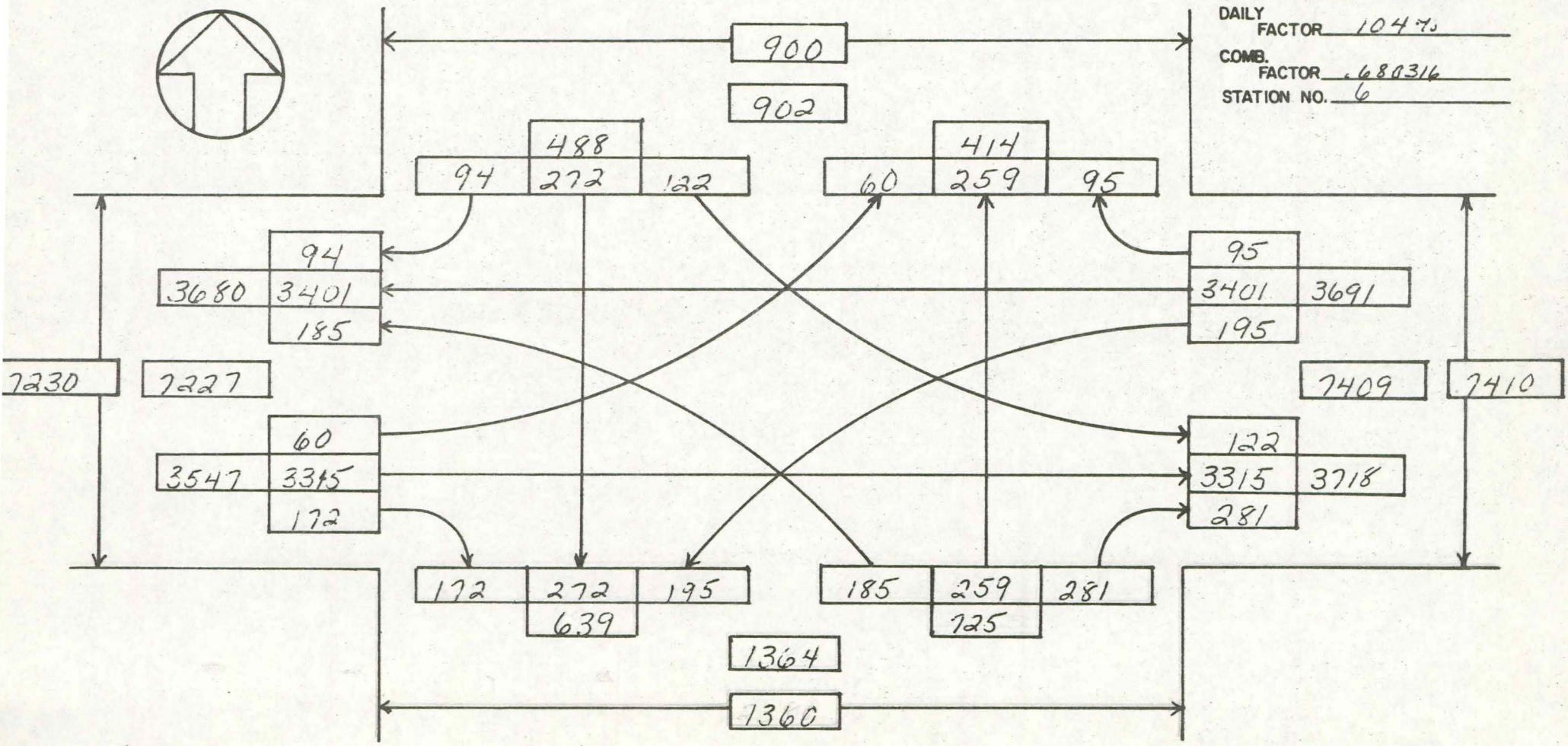
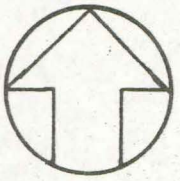
DATE 6-27-79

DAY Wednesday WEATHER clear

HOURS COUNTED 7-12am; 1-6pm

HOURS SHOWN 24 Hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 62.3%  
 MONTHLY FACTOR 105%  
 DAILY FACTOR 104%  
 COMB. FACTOR .680316  
 STATION NO. 6





## Accident Summary

8TH &amp; NEBRASKA

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 4                          | Sideswipe             | 2                          |
| 10:00 a.m. - 2:00 p.m. | 5                          | Rear End              | 1                          |
| 2:00 p.m. - 6:00 p.m.  | 8                          | Right Angle           | 5                          |
| 6:00 p.m. - 10:00 p.m. | 2                          | Left Turn             | 7                          |
| 10:00 p.m. - 2:00 a.m. | 0                          | Pedestrian            | 1                          |
| 2:00 a.m. - 6:00 a.m.  | 0                          | Other                 | 4                          |
| Totals                 | 19                         | Totals                | 20                         |

| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 5                          | North ( Southbound )         | 1                         |
| Spring ( March - May ) | 3                          | South ( Northbound )         | 17                        |
| Summer ( June - Aug. ) | 4                          | East ( Westbound )           | 12                        |
| Fall ( Sept. - Nov. )  | 8                          | West ( Eastbound )           | 9                         |
| Totals                 | 20                         | Totals                       | 39                        |

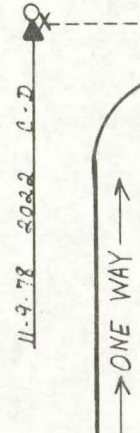
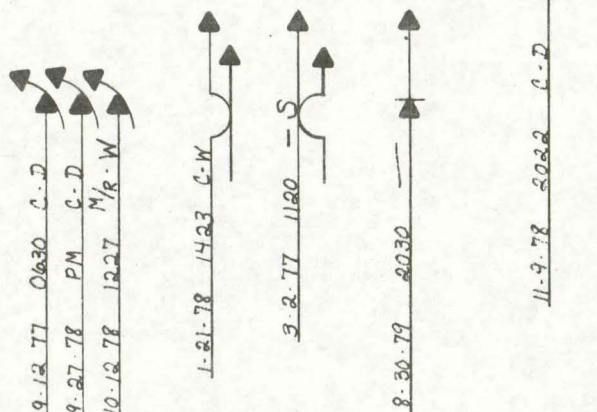
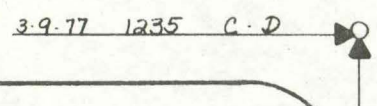
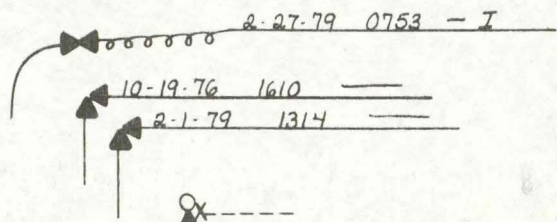
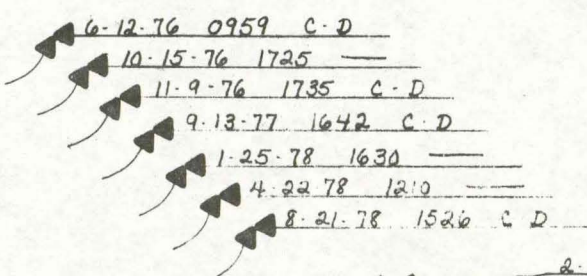
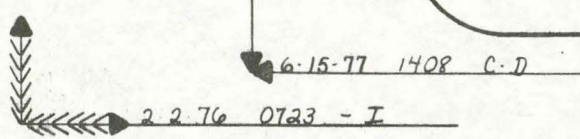
| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 9                          | 1976                   | 0              |
| Icy                       | 2                          | 1977                   | 3              |
| Wet                       | 3                          | 1978                   | 3              |
| Totals                    | 14                         | 1979                   | 0              |
|                           |                            | 4 year Average         | 3              |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM

ONE WAY  
↑



8TH  
NAME

NEBRASKA  
NAME

ONE WAY  
↑

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←→ SIDE SWIPE
- ←←← OUT OF CONTROL
- ←→ LEFT TURN
- ↑ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 8TH AND NEBRASKA  
 PERIOD 4 YEARS : FRC 1976 TO 1979

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 8th + Nebraska Sts

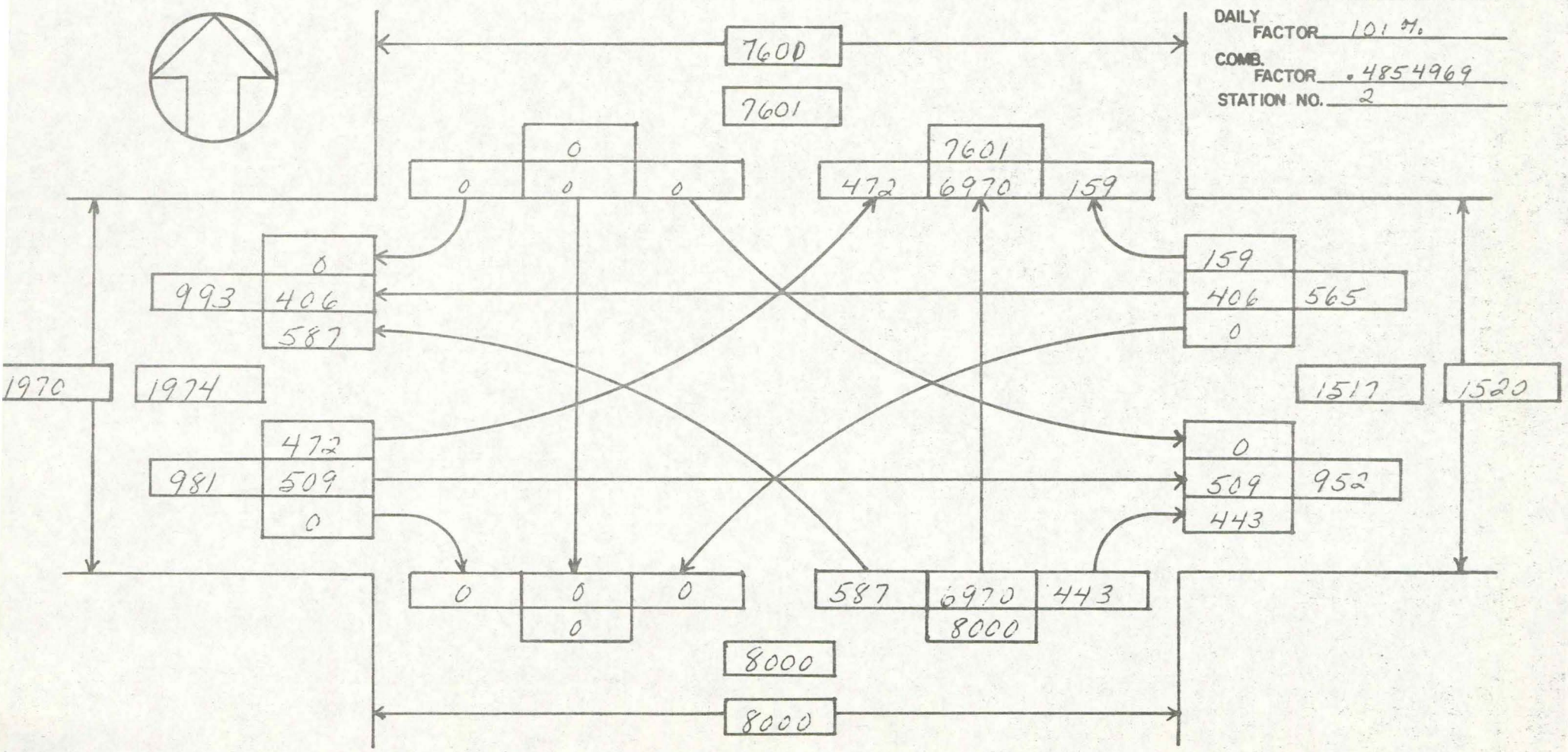
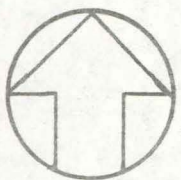
DATE 7-7-80

DAY Monday WEATHER partly cloudy AM ; clear PM

HOURS COUNTED 7-11am ; 3-6pm

HOURS SHOWN 24 hrs factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 44.1%  
 MONTHLY FACTOR 109%  
 DAILY FACTOR 101%  
 COMB. FACTOR .4854969  
 STATION NO. 2



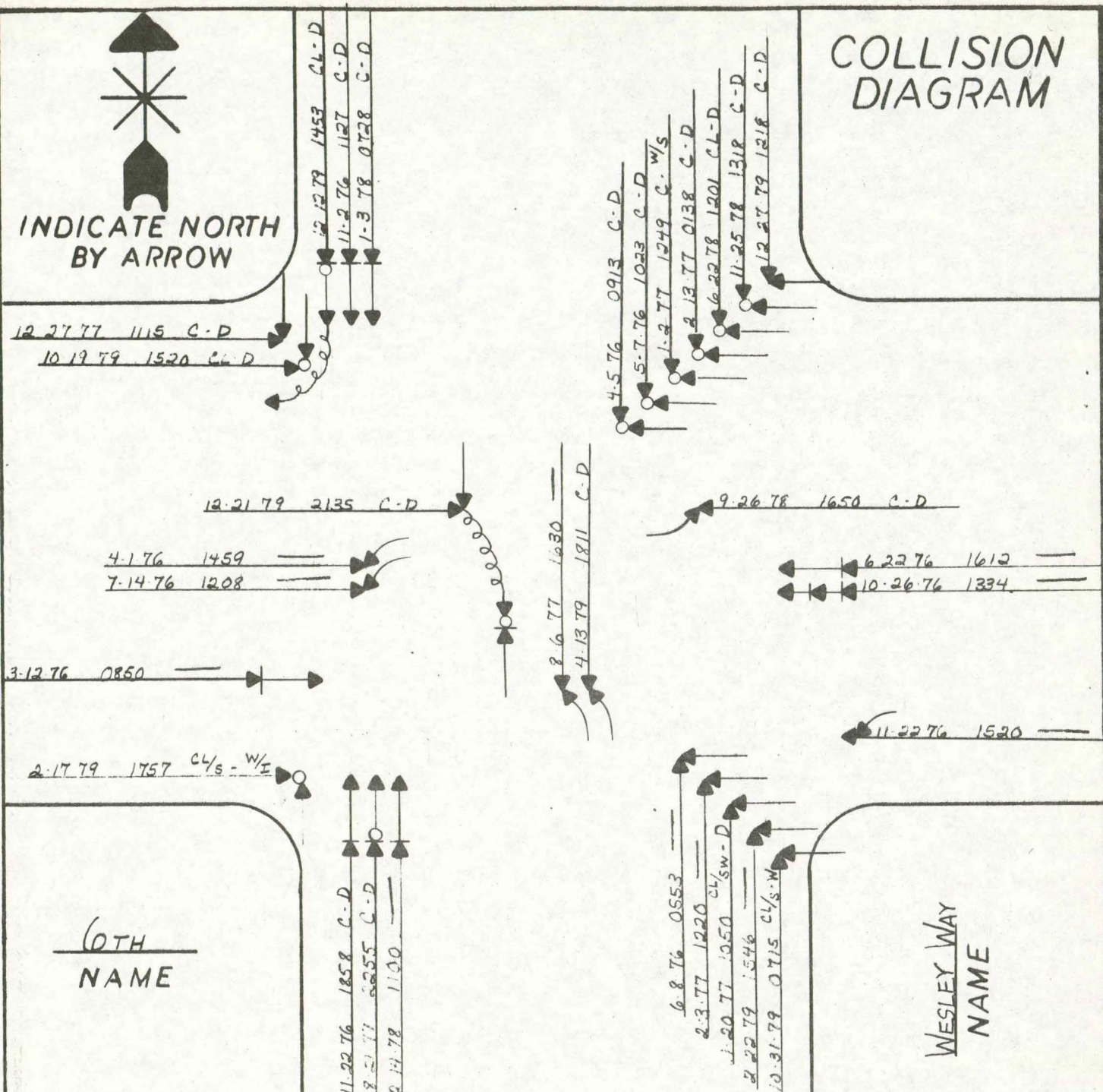
## Accident Summary

6TH & WESLEY WAY

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">5</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">12</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">9</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>31</b></td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 5  | 10:00 a.m. - 2:00 p.m. | 12 | 2:00 p.m. - 6:00 p.m.  | 9 | 6:00 p.m. - 10:00 p.m. | 3         | 10:00 p.m. - 2:00 a.m.  | 2                      | 2:00 a.m. - 6:00 a.m.  | 0                            | <b>Totals</b>             | <b>31</b>            | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">9</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">16</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;">1</td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>31</b></td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0   | Rear End              | 9          | Right Angle   | 16        | Left Turn | 5 | Pedestrian | 0 | Other | 1 | <b>Totals</b> | <b>31</b> |
|---|----------------------------|----------------------------|------------------------|----|------------------------|----|------------------------|---|------------------------|-----------|---|------------------------|--|------------------------------|---------------------------|----------------------|--|-----------------------|----------------------------|--------------------|-----|-----------------------|------------|---------------|-----------|-----------|---|------------|---|-------|---|---------------|-----------|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| 6:00 a.m. - 10:00 a.m.  | 5                          |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| 10:00 a.m. - 2:00 p.m.  | 12                         |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| 2:00 p.m. - 6:00 p.m.   | 9                          |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| 6:00 p.m. - 10:00 p.m.  | 3                          |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| 10:00 p.m. - 2:00 a.m.  | 2                          |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| 2:00 a.m. - 6:00 a.m.   | 0                          |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| <b>Totals</b>   | <b>31</b>                  |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| <u>Accidents Type</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| Sideswipe   | 0                          |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| Rear End  | 9                          |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| Right Angle   | 16                         |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| Left Turn   | 5                          |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| Pedestrian  | 0                          |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| Other   | 1                          |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| <b>Totals</b>   | <b>31</b>                  |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">11</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">6</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;">9</td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>31</b></td> </tr> </tbody> </table>   | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb. ) | 11 | Spring ( March - May ) | 5  | Summer ( June - Aug. ) | 6 | Fall ( Sept. - Nov. )  | 9         | <b>Totals</b>   | <b>31</b>              | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">18</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">14</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">22</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;">9</td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>63</b></td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 18   | South ( Northbound )  | 14                         | East ( Westbound ) | 22  | West ( Eastbound )    | 9          | <b>Totals</b> | <b>63</b> |           |   |            |   |       |   |               |           |
| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| Winter ( Dec. - Feb. )  | 11                         |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| Spring ( March - May )  | 5                          |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| Summer ( June - Aug. )  | 6                          |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| Fall ( Sept. - Nov. )   | 9                          |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| <b>Totals</b>   | <b>31</b>                  |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| North ( Southbound )  | 18                         |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| South ( Northbound )  | 14                         |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| East ( Westbound )  | 22                         |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| West ( Eastbound )  | 9                          |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| <b>Totals</b>   | <b>63</b>                  |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">17</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;">3</td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>21</b></td> </tr> </tbody> </table>   | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 17 | Icy                    | 1  | Wet                    | 3 | <b>Totals</b>          | <b>21</b> | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">3</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">3.1</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">3.5</td> </tr> <tr> <td>1979</td> <td style="text-align: center;">3.5</td> </tr> <tr> <td><b>4 year Average</b></td> <td style="text-align: center;"><b>3.3</b></td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>   | 1976                         | 3                         | 1977                 | 3.1  | 1978                  | 3.5                        | 1979               | 3.5 | <b>4 year Average</b> | <b>3.3</b> |               |           |           |   |            |   |       |   |               |           |
| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| Dry   | 17                         |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| Icy   | 1                          |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| Wet   | 3                          |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| <b>Totals</b>   | <b>21</b>                  |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| 1976  | 3                          |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| 1977  | 3.1                        |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| 1978  | 3.5                        |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| 1979  | 3.5                        |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |
| <b>4 year Average</b>   | <b>3.3</b>                 |                            |                        |    |                        |    |                        |   |                        |           |   |                        |  |                              |                           |                      |  |                       |                            |                    |     |                       |            |               |           |           |   |            |   |       |   |               |           |

# COLLISION DIAGRAM

INDICATE NORTH BY ARROW



6TH  
NAME

WESLEY WAY  
NAME

| - SYMBOLS -  | TYPE OF COLLISION   | WEATHER ROAD CONDITIONS  |
|--|---|--|
| <ul style="list-style-type: none"> <li>← MOVING VEHICLE</li> <li>←←← BACKING VEHICLE</li> <li>← - - - NON-INV. VEHICLE</li> <li>X - - - PEDESTRIAN</li> <li>▣ PARKED VEHICLE</li> <li>□ FIXED OBJECT</li> <li>● FATAL ACCIDENT</li> <li>○ INJURY ACCIDENT</li> </ul> | <ul style="list-style-type: none"> <li>←←← REAR END</li> <li>←→ HEAD ON</li> <li>←→ SIDE SWIPE</li> <li>←→ OUT OF CONTROL</li> <li>←→ LEFT TURN</li> <li>↑ RIGHT ANGLE</li> </ul> | <ul style="list-style-type: none"> <li>C-CLEAR</li> <li>CL-CLOUDY</li> <li>R-RAIN</li> <li>S-SNOW</li> <li>SL-SLEET</li> <li>F-FOG</li> <li>M-MIST</li> <li>W-HIGHWIND</li> <li>D-DRY</li> <li>W-WET</li> <li>S-SNOW</li> <li>I-ICE</li> <li>SL-SLUSH</li> <li>M-MUD</li> <li>O-OTHER (SPECIFY)</li> </ul> |

INTERSECTION 6TH AND WESLEY WAY  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 6th + Wesley Way

DATE 5-30-80

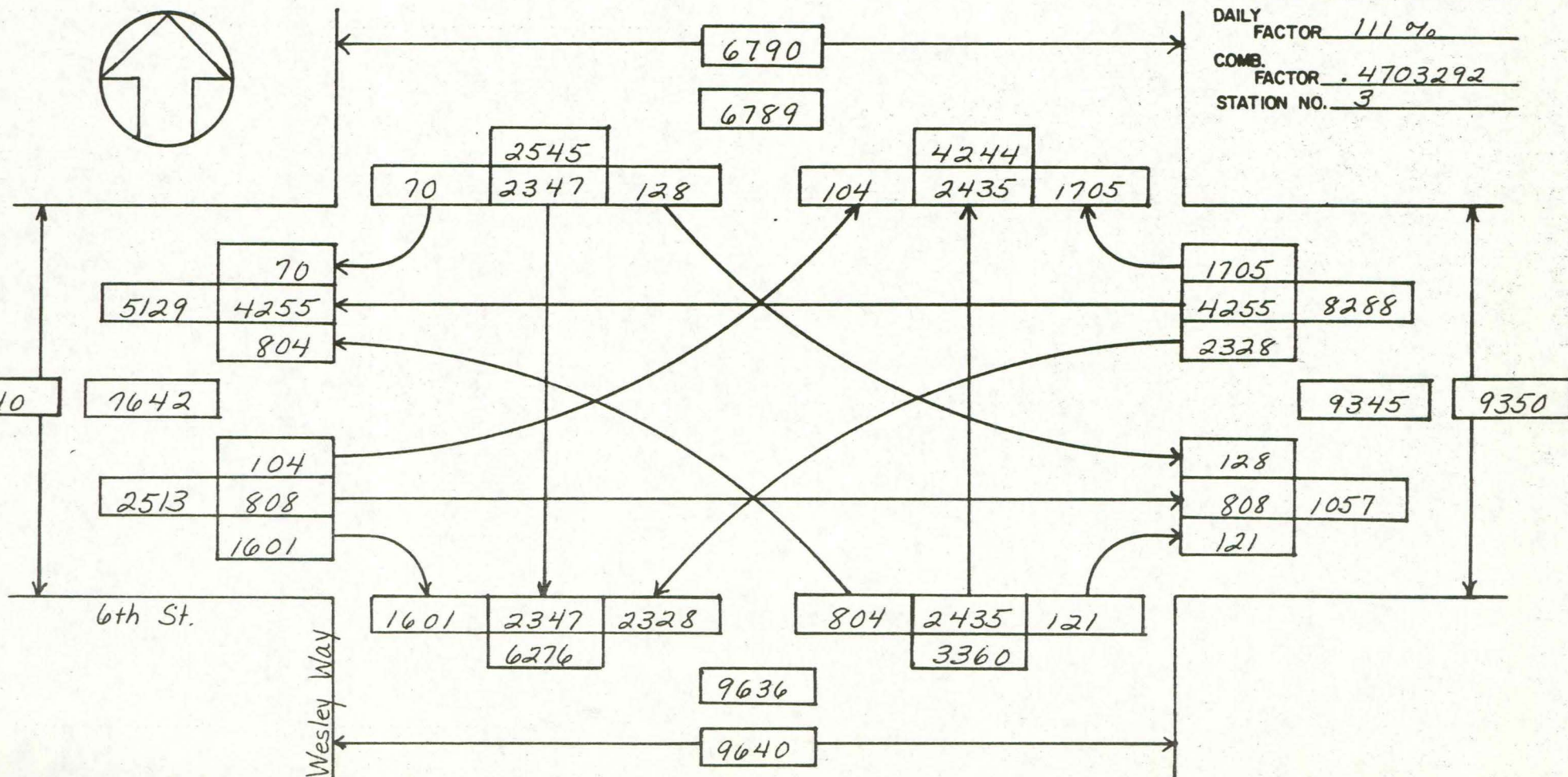
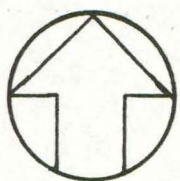
DAY Friday

WEATHER cloudy

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 Hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 42.8%  
 MONTHLY FACTOR 99%  
 DAILY FACTOR 111%  
 COMB. FACTOR .4703292  
 STATION NO. 3



## Accident Summary

3RD & NEBRASKA

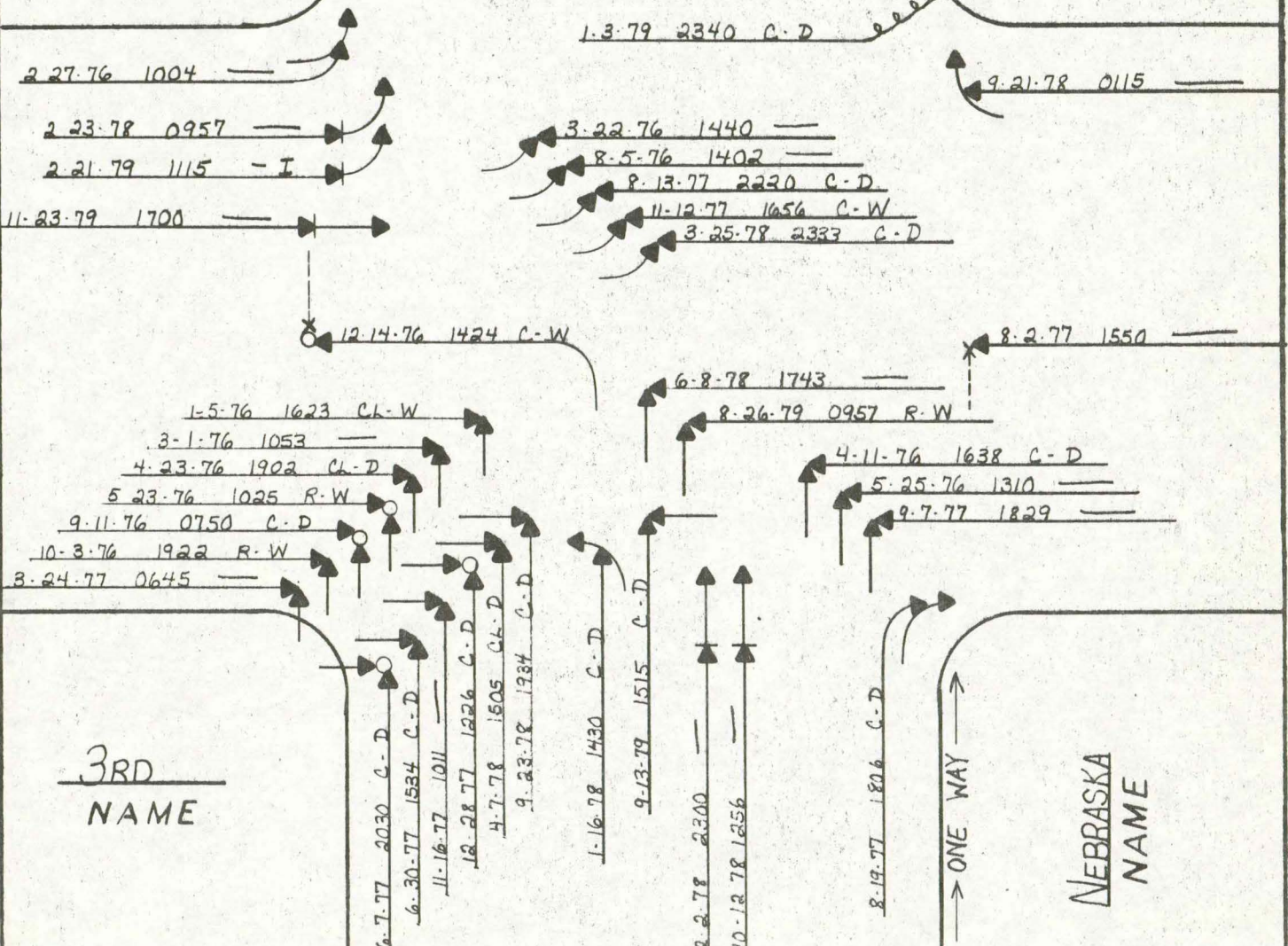
|   |                                   |  |                                   |
|---|-----------------------------------|--|-----------------------------------|
| <p><u>Time of Day</u></p> <p>6:00 a.m. - 10:00 a.m.      5<br/>           10:00 a.m. - 2:00 p.m.      7<br/>           2:00 p.m. - 6:00 p.m.      13<br/>           6:00 p.m. - 10:00 p.m.      6<br/>           10:00 p.m. - 2:00 a.m.      5<br/>           2:00 a.m. - 6:00 a.m.      0</p> <p style="text-align: right;">Totals                      36</p> | <p><u>Number of Accidents</u></p> | <p><u>Accidents Type</u></p> <p>Sideswipe                      0<br/>           Rear End                      5<br/>           Right Angle                  19<br/>           Left Turn                      5<br/>           Pedestrian                    2<br/>           Other                          5</p> <p style="text-align: right;">Totals                      36</p> | <p><u>Number of Accidents</u></p> |
| <p><u>Time of Year</u></p> <p>Winter ( Dec. - Feb. )      9<br/>           Spring ( March - May )      9<br/>           Summer ( June - Aug. )      8<br/>           Fall ( Sept. - Nov. )      10</p> <p style="text-align: right;">Totals                      36</p>   | <p><u>Number of Accidents</u></p> | <p><u>Direction of Approach</u></p> <p>North ( Southbound )      0<br/>           South ( Northbound )      28<br/>           East ( Westbound )      14<br/>           West ( Eastbound )      27</p> <p style="text-align: right;">Totals                      69</p>  | <p><u>Number of Vehicles</u></p>  |
| <p><u>Pavement Condition</u></p> <p>Dry                              15<br/>           Icy                                1<br/>           Wet                                6</p> <p style="text-align: right;">Totals                      22</p>  | <p><u>Number of Accidents</u></p> | <p><u>Injury Severity</u></p> <p>1976                              3<br/>           1977                              4<br/>           1978                              0<br/>           1979                              0</p> <p style="text-align: right;">4 year Average              3.5</p>  | <p><u>Average</u></p>             |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM

ONE WAY



3RD  
NAME

NEBRASKA  
NAME

ONE WAY

| - SYMBOLS -  | TYPE OF COLLISION  | WEATHER ROAD CONDITIONS   |   |
|--|--|---|---|
| <ul style="list-style-type: none"> <li>← MOVING VEHICLE</li> <li>←←← BACKING VEHICLE</li> <li>← - - - NON-INV. VEHICLE</li> <li>X - - - PEDESTRIAN</li> <li>▣ PARKED VEHICLE</li> <li>□ FIXED OBJECT</li> <li>● FATAL ACCIDENT</li> <li>○ INJURY ACCIDENT</li> </ul> | <ul style="list-style-type: none"> <li>←* REAR END</li> <li>←X HEAD ON</li> <li>←~ SIDE SWIPE</li> <li>←eee OUT OF CONTROL</li> <li>←↘ LEFT TURN</li> <li>↑ RIGHT ANGLE</li> </ul> | <ul style="list-style-type: none"> <li>C-CLEAR</li> <li>CL-CLOUDY</li> <li>R-RAIN</li> <li>S-SNOW</li> <li>SL-SLEET</li> <li>F-FOG</li> <li>M-MIST</li> <li>W-HIGHWIND</li> </ul> | <ul style="list-style-type: none"> <li>D-DRY</li> <li>W-WET</li> <li>S-SNOW</li> <li>I-ICE</li> <li>SL-SLUSH</li> <li>M-MUD</li> <li>O-OTHER (SPECIFY)</li> </ul> |

INTERSECTION 3RD AND NEBRASKA  
 PERIOD 4 YEARS : FROM 1976 TO 1979



# VEHICLE VOLUME COUNT

## FLOW DIAGRAM

INTERSECTION 3rd + Nebraska Sts.

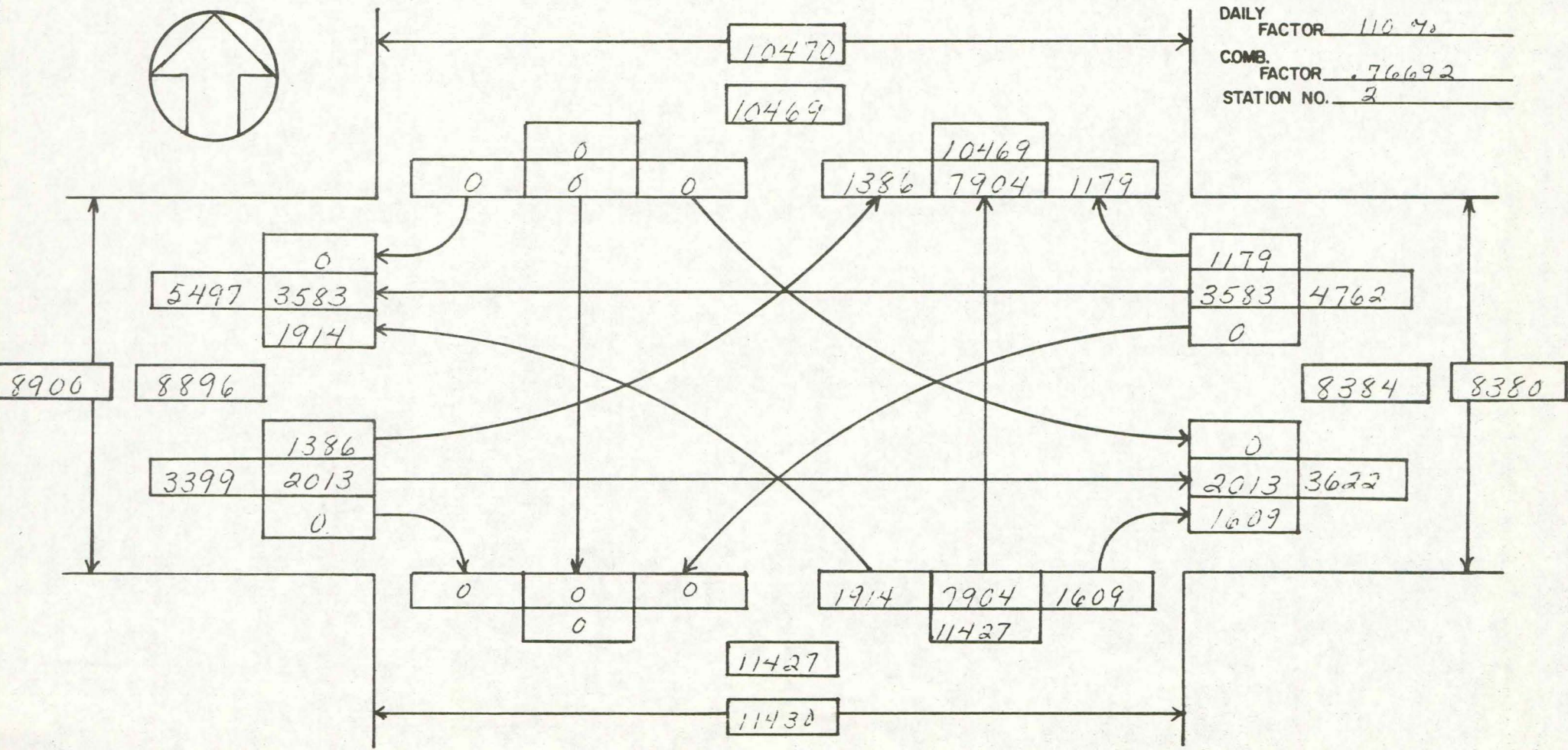
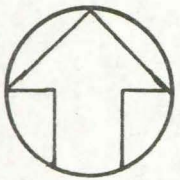
DATE 7-27-79

DAY Friday WEATHER —

HOURS COUNTED 7-12am; 1-6pm

HOURS SHOWN 24 hrs factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 66.4%  
 MONTHLY FACTOR 105%  
 DAILY FACTOR 110%  
 COMB. FACTOR .76692  
 STATION NO. 2



## Accident Summary

W. 19TH & GENEVA

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">5</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">13</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">20</td> </tr> </tbody> </table> | <u>Time of Day</u>             | <u>Number of<br/>Accidents</u> | 6:00 a.m. - 10:00 a.m. | 2  | 10:00 a.m. - 2:00 p.m. | 5 | 2:00 p.m. - 6:00 p.m.  | 13       | 6:00 p.m. - 10:00 p.m. | 0        | 10:00 p.m. - 2:00 a.m.  | 0                      | 2:00 a.m. - 6:00 a.m.  | <u>0</u>                     | <b>Totals</b>                 | 20                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">13</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>1</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">20</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> | Sideswipe          | 0        | Rear End           | 5        | Right Angle   | 13 | Left Turn | 1 | Pedestrian | 0 | Other | <u>1</u> | <b>Totals</b> | 20 |
|--|--------------------------------|--------------------------------|------------------------|----|------------------------|---|------------------------|----------|------------------------|----------|---|------------------------|--|------------------------------|-------------------------------|----------------------|---|-----------------------|--------------------------------|--------------------|----------|--------------------|----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>   | <u>Number of<br/>Accidents</u> |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.   | 2                              |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.   | 5                              |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.  | 13                             |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.   | 0                              |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.   | 0                              |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                       |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 20                             |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>  | <u>Number of<br/>Accidents</u> |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Sideswipe  | 0                              |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Rear End   | 5                              |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Right Angle  | 13                             |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Left Turn  | 1                              |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Pedestrian   | 0                              |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Other  | <u>1</u>                       |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 20                             |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">10</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">6</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;"><u>3</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">20</td> </tr> </tbody> </table>   | <u>Time of Year</u>            | <u>Number of<br/>Accidents</u> | Winter ( Dec. - Feb. ) | 10 | Spring ( March - May ) | 1 | Summer ( June - Aug. ) | 6        | Fall ( Sept. - Nov. )  | <u>3</u> | <b>Totals</b>   | 20                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of<br/>Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">12</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">8</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">17</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>5</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">42</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> | North ( Southbound ) | 12  | South ( Northbound )  | 8                              | East ( Westbound ) | 17       | West ( Eastbound ) | <u>5</u> | <b>Totals</b> | 42 |           |   |            |   |       |          |               |    |
| <u>Time of Year</u>  | <u>Number of<br/>Accidents</u> |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb. )   | 10                             |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May )   | 1                              |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug. )   | 6                              |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov. )  | <u>3</u>                       |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 20                             |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>   | <u>Number of<br/>Vehicles</u>  |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )   | 12                             |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )   | 8                              |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )   | 17                             |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )   | <u>5</u>                       |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 42                             |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">9</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>4</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">16</td> </tr> </tbody> </table>  | <u>Pavement Condition</u>      | <u>Number of<br/>Accidents</u> | Dry                    | 9  | Icy                    | 3 | Wet                    | <u>4</u> | <b>Totals</b>          | 16       | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>2</u></td> </tr> <tr> <td style="text-align: right;">4 year Average</td> <td style="text-align: center;">2</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>   | 1976                         | 0                             | 1977                 | 0   | 1978                  | 0                              | 1979               | <u>2</u> | 4 year Average     | 2        |               |    |           |   |            |   |       |          |               |    |
| <u>Pavement Condition</u>  | <u>Number of<br/>Accidents</u> |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Dry  | 9                              |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Icy  | 3                              |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Wet  | <u>4</u>                       |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 16                             |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>   | <u>Average</u>                 |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 1976   | 0                              |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 1977   | 0                              |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 1978   | 0                              |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 1979   | <u>2</u>                       |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 4 year Average   | 2                              |                                |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |

# COLLISION DIAGRAM



INDICATE NORTH  
BY ARROW

1-25-76 1240 C-D  
12-25-76 1700  
7-8-78 1454 C-D

7-29-76 1727 C-D

2-21-79 0955 C-I

2-20-78 1320

21/s-W

10-18-76 1552

CL-W

1-6-78 1738

4-11-77 1715 C-D

6-20-77 0749 C-D

7-29-77 1050 C-D

9-23-79 1630 C-D

11-28-79 1425 C-I

7-12-77 1345

8-12-77 1527 C-D

2-20-79 1140 -I

12-20-79 1421 C-D

12-23-77 1400

1-18-78 1546 21/s-S

2-20-79 1139 C-R

W. 19TH  
NAME

GENEVA  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←+← REAR END
- ←+← HEAD ON
- ←+↘ SIDE SWIPE
- ←+~ OUT OF CONTROL
- ←+↙ LEFT TURN
- ←+↘ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION W. 19TH AND GENEVA  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION W. 19th + Geneva Sts.

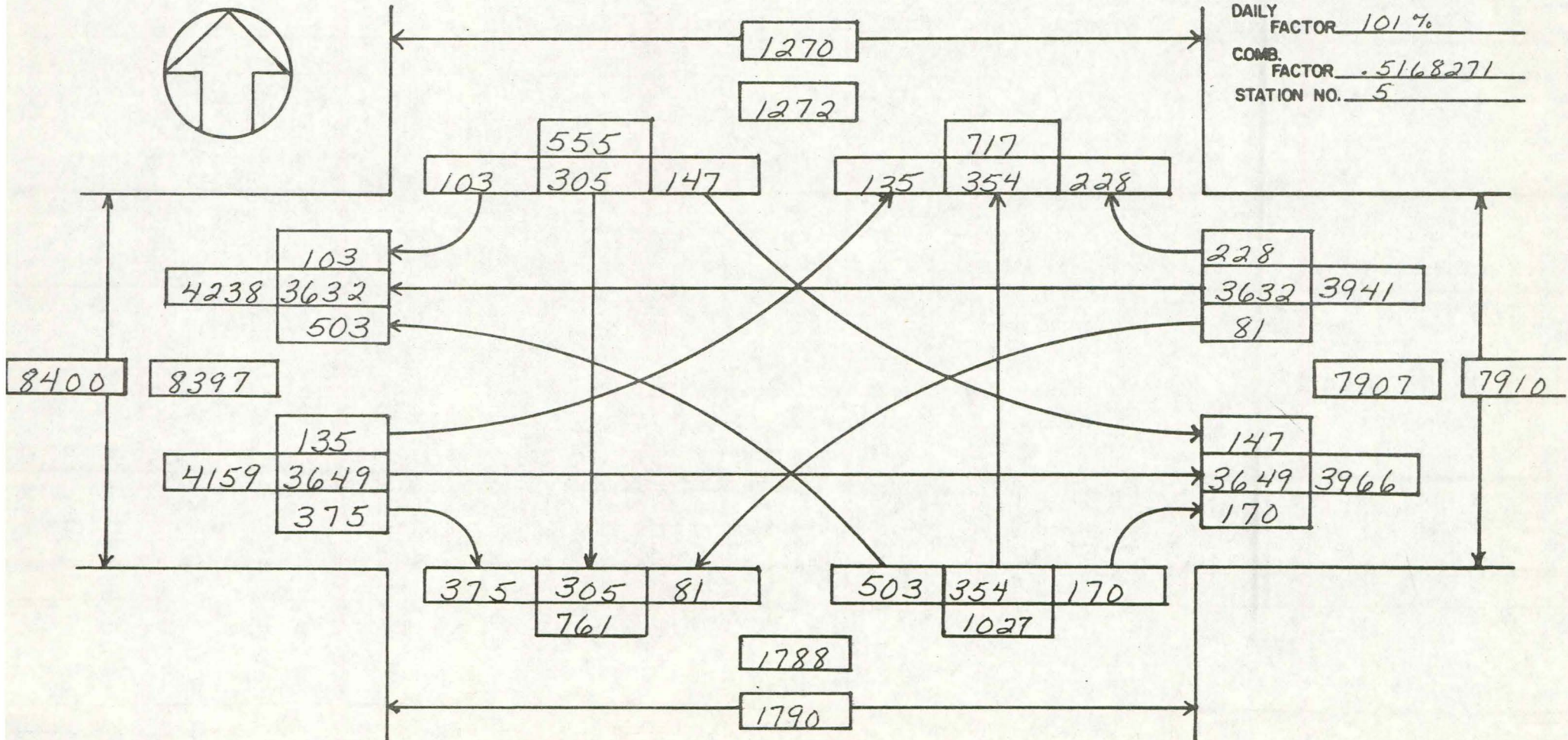
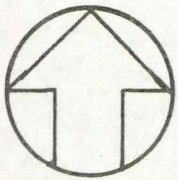
DATE 6-2-80

DAY Monday WEATHER lt. rain am; warm pm

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 46.1%  
 MONTHLY FACTOR 111%  
 DAILY FACTOR 101%  
 COMB. FACTOR .5168271  
 STATION NO. 5



Accident Summary  
6th & Pierce

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">4</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">16</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">15</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">8</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">4</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: center;">Totals</td> <td style="text-align: center;">47</td> </tr> </tbody> </table> | <u>Time of Day</u>             | <u>Number of<br/>Accidents</u> | 6:00 a.m. - 10:00 a.m. | 4  | 10:00 a.m. - 2:00 p.m. | 16 | 2:00 p.m. - 6:00 p.m. | 15       | 6:00 p.m. - 10:00 p.m. | 8         | 10:00 p.m. - 2:00 a.m.   | 4                      | 2:00 a.m. - 6:00 a.m.   | <u>0</u>                     | Totals                        | 47                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">22</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">16</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>11</u></td> </tr> <tr> <td style="text-align: center;">Totals</td> <td style="text-align: center;">49</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> | Sideswipe          | 0        | Rear End           | 22       | Right Angle | 16  | Left Turn | 0 | Pedestrian | 0 | Other | <u>11</u> | Totals | 49 |
|---|--------------------------------|--------------------------------|------------------------|----|------------------------|----|-----------------------|----------|------------------------|-----------|--|------------------------|---|------------------------------|-------------------------------|----------------------|---|-----------------------|--------------------------------|--------------------|----------|--------------------|----------|-------------|-----|-----------|---|------------|---|-------|-----------|--------|----|
| <u>Time of Day</u>  | <u>Number of<br/>Accidents</u> |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| 6:00 a.m. - 10:00 a.m.  | 4                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| 10:00 a.m. - 2:00 p.m.  | 16                             |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| 2:00 p.m. - 6:00 p.m.   | 15                             |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| 6:00 p.m. - 10:00 p.m.  | 8                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| 10:00 p.m. - 2:00 a.m.  | 4                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| 2:00 a.m. - 6:00 a.m.   | <u>0</u>                       |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| Totals  | 47                             |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| <u>Accidents Type</u>   | <u>Number of<br/>Accidents</u> |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| Sideswipe   | 0                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| Rear End  | 22                             |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| Right Angle   | 16                             |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| Left Turn   | 0                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| Pedestrian  | 0                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| Other   | <u>11</u>                      |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| Totals  | 49                             |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb.)</td> <td style="text-align: center;">16</td> </tr> <tr> <td>Spring ( March - May)</td> <td style="text-align: center;">10</td> </tr> <tr> <td>Summer ( June - Aug.)</td> <td style="text-align: center;">12</td> </tr> <tr> <td>Fall ( Sept. - Nov.)</td> <td style="text-align: center;"><u>11</u></td> </tr> <tr> <td style="text-align: center;">Totals</td> <td style="text-align: center;">49</td> </tr> </tbody> </table>   | <u>Time of Year</u>            | <u>Number of<br/>Accidents</u> | Winter ( Dec. - Feb.)  | 16 | Spring ( March - May)  | 10 | Summer ( June - Aug.) | 12       | Fall ( Sept. - Nov.)   | <u>11</u> | Totals   | 49                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of<br/>Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">50</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">0</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">50</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>1</u></td> </tr> <tr> <td style="text-align: center;">Totals</td> <td style="text-align: center;">101</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> | North ( Southbound ) | 50  | South ( Northbound )  | 0                              | East ( Westbound ) | 50       | West ( Eastbound ) | <u>1</u> | Totals      | 101 |           |   |            |   |       |           |        |    |
| <u>Time of Year</u>   | <u>Number of<br/>Accidents</u> |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| Winter ( Dec. - Feb.)   | 16                             |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| Spring ( March - May)   | 10                             |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| Summer ( June - Aug.)   | 12                             |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| Fall ( Sept. - Nov.)  | <u>11</u>                      |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| Totals  | 49                             |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| <u>Direction of Approach</u>  | <u>Number of<br/>Vehicles</u>  |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| North ( Southbound )  | 50                             |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| South ( Northbound )  | 0                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| East ( Westbound )  | 50                             |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| West ( Eastbound )  | <u>1</u>                       |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| Totals  | 101                            |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">17</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>3</u></td> </tr> <tr> <td style="text-align: center;">Totals</td> <td style="text-align: center;">21</td> </tr> </tbody> </table>  | <u>Pavement Condition</u>      | <u>Number of<br/>Accidents</u> | Dry                    | 17 | Icy                    | 1  | Wet                   | <u>3</u> | Totals                 | 21        | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">4</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">4</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">4</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>3</u></td> </tr> <tr> <td style="text-align: center;">4 year Average</td> <td style="text-align: center;">3.7</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>  | 1976                         | 4                             | 1977                 | 4   | 1978                  | 4                              | 1979               | <u>3</u> | 4 year Average     | 3.7      |             |     |           |   |            |   |       |           |        |    |
| <u>Pavement Condition</u>   | <u>Number of<br/>Accidents</u> |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| Dry   | 17                             |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| Icy   | 1                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| Wet   | <u>3</u>                       |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| Totals  | 21                             |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| <u>Injury Severity</u>  | <u>Average</u>                 |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| 1976  | 4                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| 1977  | 4                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| 1978  | 4                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| 1979  | <u>3</u>                       |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |
| 4 year Average  | 3.7                            |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |   |                       |                                |                    |          |                    |          |             |     |           |   |            |   |       |           |        |    |



INDICATE NORTH BY ARROW

# COLLISION DIAGRAM

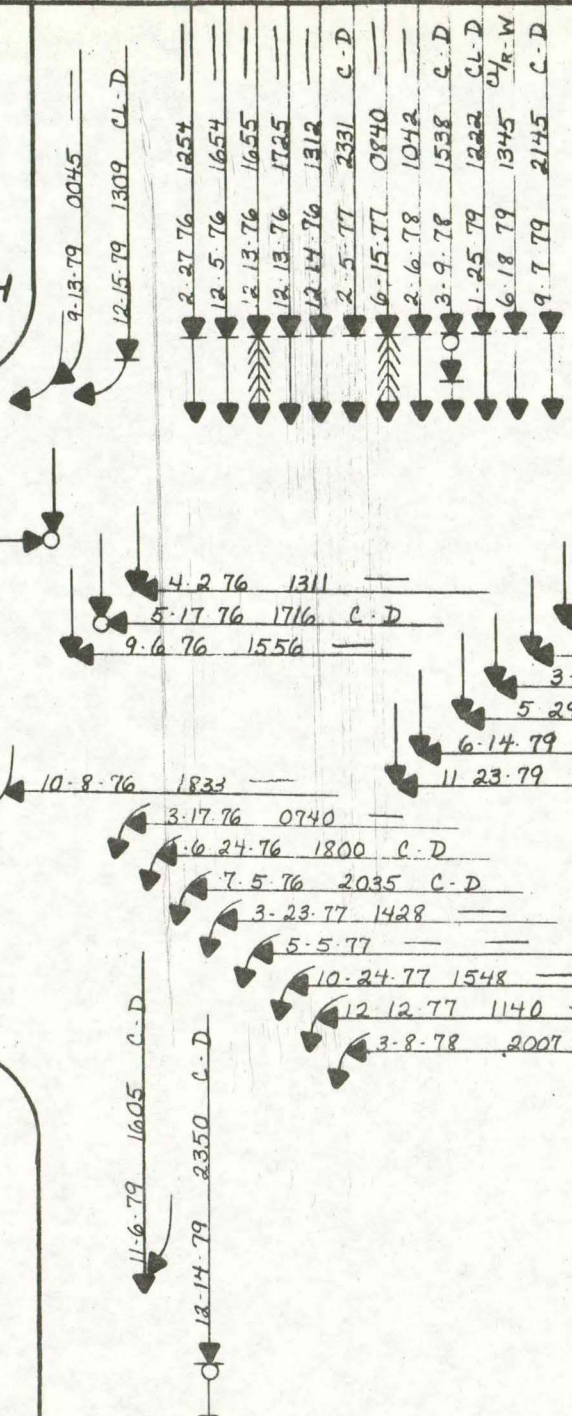
ONE WAY

8-10-79 0140 C-D

ONE WAY

6TH  
NAME

PIERCE  
NAME



## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ← \* → REAR END
- ← \* → HEAD ON
- ← \* → SIDE SWIPE
- ← \* → OUT OF CONTROL
- ← \* → LEFT TURN
- ← \* → RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 6TH AND PIERCE  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 6th + Pierce Sts.

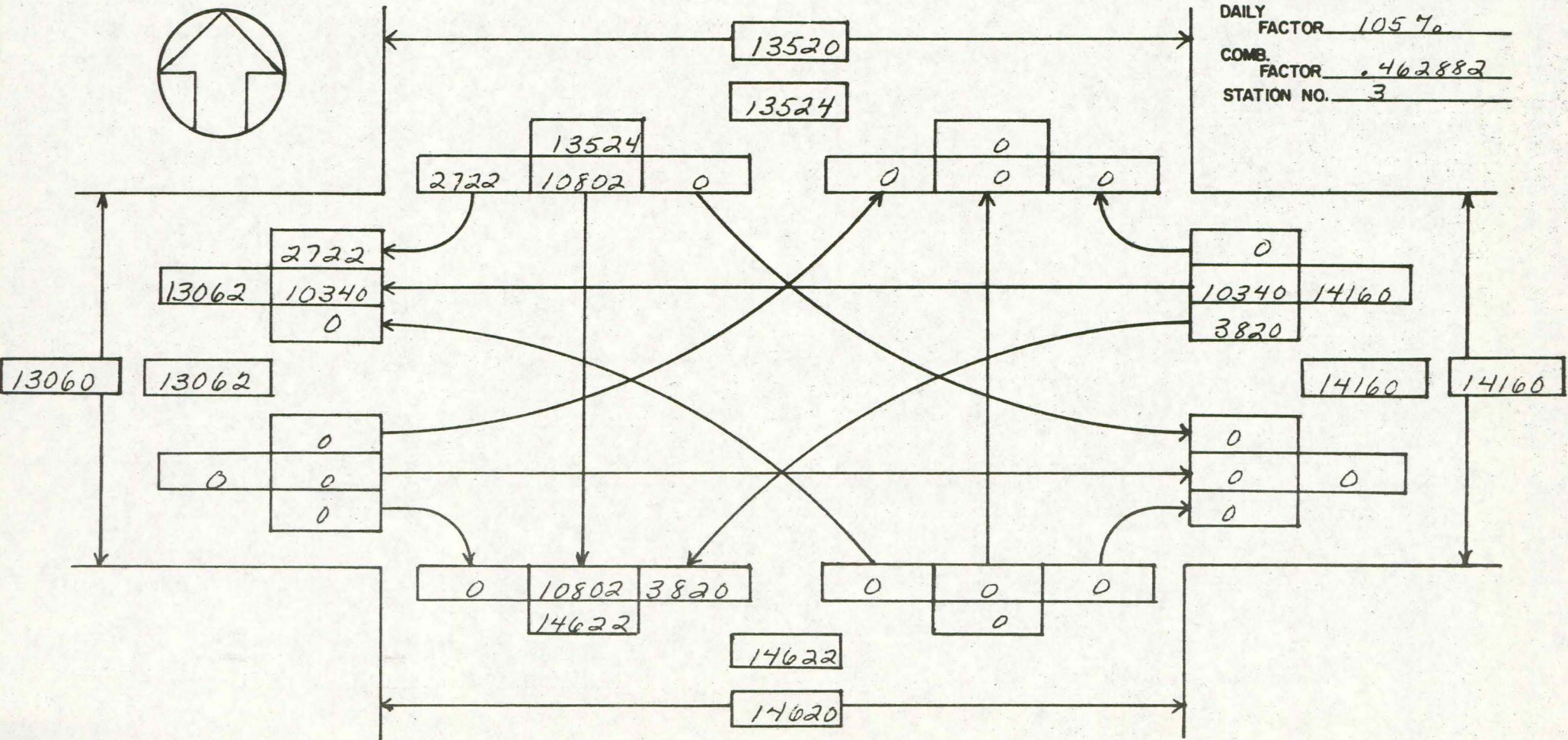
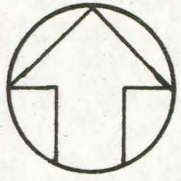
DATE 7-3-80

DAY Thursday WEATHER cloudy 63°

HOURS COUNTED 7-11am, 3-6pm

HOURS SHOWN 24 Hrs factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 42.8%  
 MONTHLY FACTOR 103%  
 DAILY FACTOR 105%  
 COMB. FACTOR .462882  
 STATION NO. 3



### Accident Summary

18TH & GRANDVIEW BLVD.

| <u>Time of Day</u>     | <u>Number of<br/>Accidents</u> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| 6:00 a.m. - 10:00 a.m. | 2                              | Sideswipe             | 0                              |
| 10:00 a.m. - 2:00 p.m. | 6                              | Rear End              | 0                              |
| 2:00 p.m. - 6:00 p.m.  | 7                              | Right Angle           | 10                             |
| 6:00 p.m. - 10:00 p.m. | 2                              | Left Turn             | 8                              |
| 10:00 p.m. - 2:00 a.m. | 1                              | Pedestrian            | 0                              |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                       | Other                 | <u>0</u>                       |
| <b>Totals</b>          | 18                             | <b>Totals</b>         | 18                             |

| <u>Time of Year</u>    | <u>Number of<br/>Accidents</u> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> |
|------------------------|--------------------------------|------------------------------|-------------------------------|
| Winter ( Dec. - Feb. ) | 5                              | North ( Southbound )         | 7                             |
| Spring ( March - May ) | 4                              | South ( Northbound )         | 3                             |
| Summer ( June - Aug. ) | 5                              | East ( Westbound )           | 12                            |
| Fall ( Sept. - Nov. )  | <u>4</u>                       | West ( Eastbound )           | <u>14</u>                     |
| <b>Totals</b>          | 18                             | <b>Totals</b>                | 36                            |

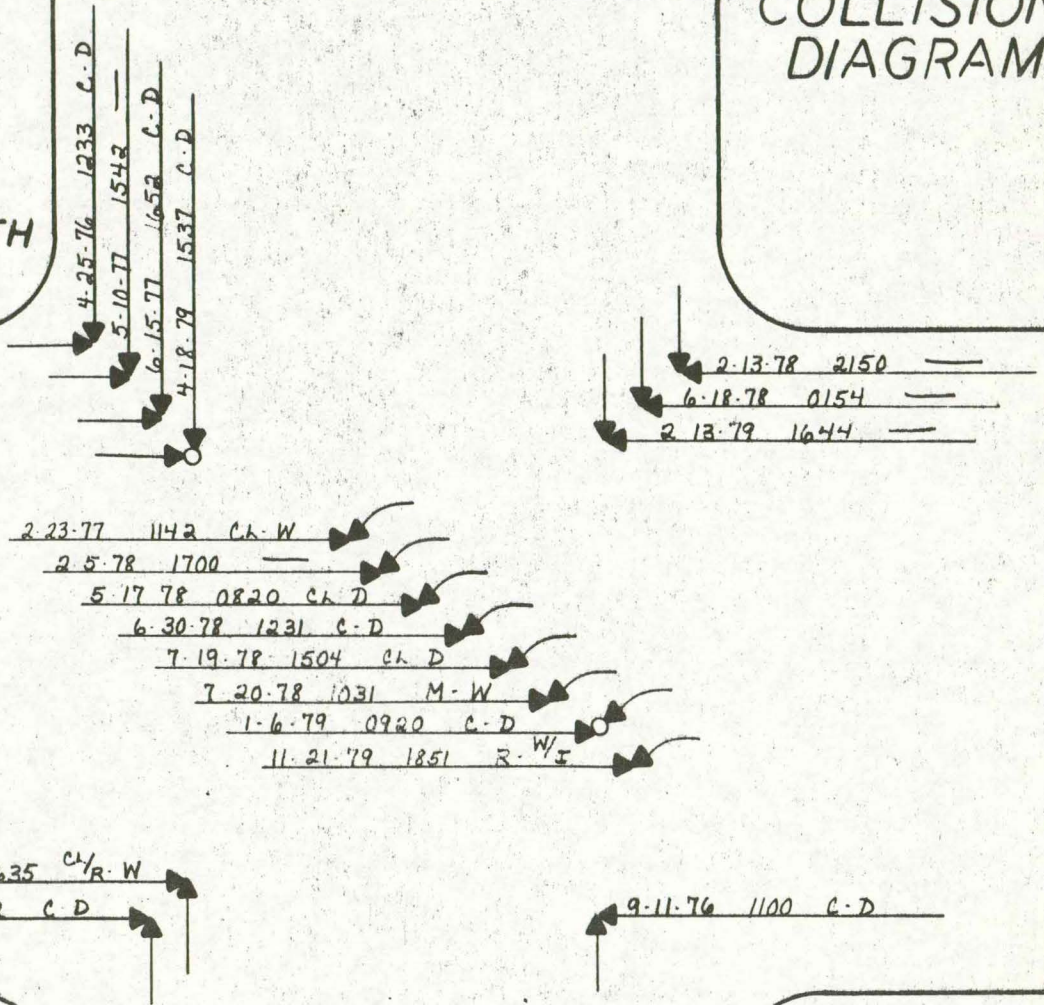
| <u>Pavement Condition</u> | <u>Number of<br/>Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|--------------------------------|------------------------|----------------|
| Dry                       | 9                              | 1976                   | 0              |
| Icy                       | 1                              | 1977                   | 0              |
| Wet                       | <u>4</u>                       | 1978                   | 0              |
| <b>Totals</b>             | 14                             | 1979                   | <u>3</u>       |
|                           |                                | 4 year Average         | 3              |



# COLLISION DIAGRAM



INDICATE NORTH BY ARROW



18TH  
NAME

GRANDVIEW  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
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- INJURY ACCIDENT

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- ←←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←~~~~ OUT OF CONTROL
- ←↪ LEFT TURN
- ↑↘ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION 18TH AND GRANDVIEW  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

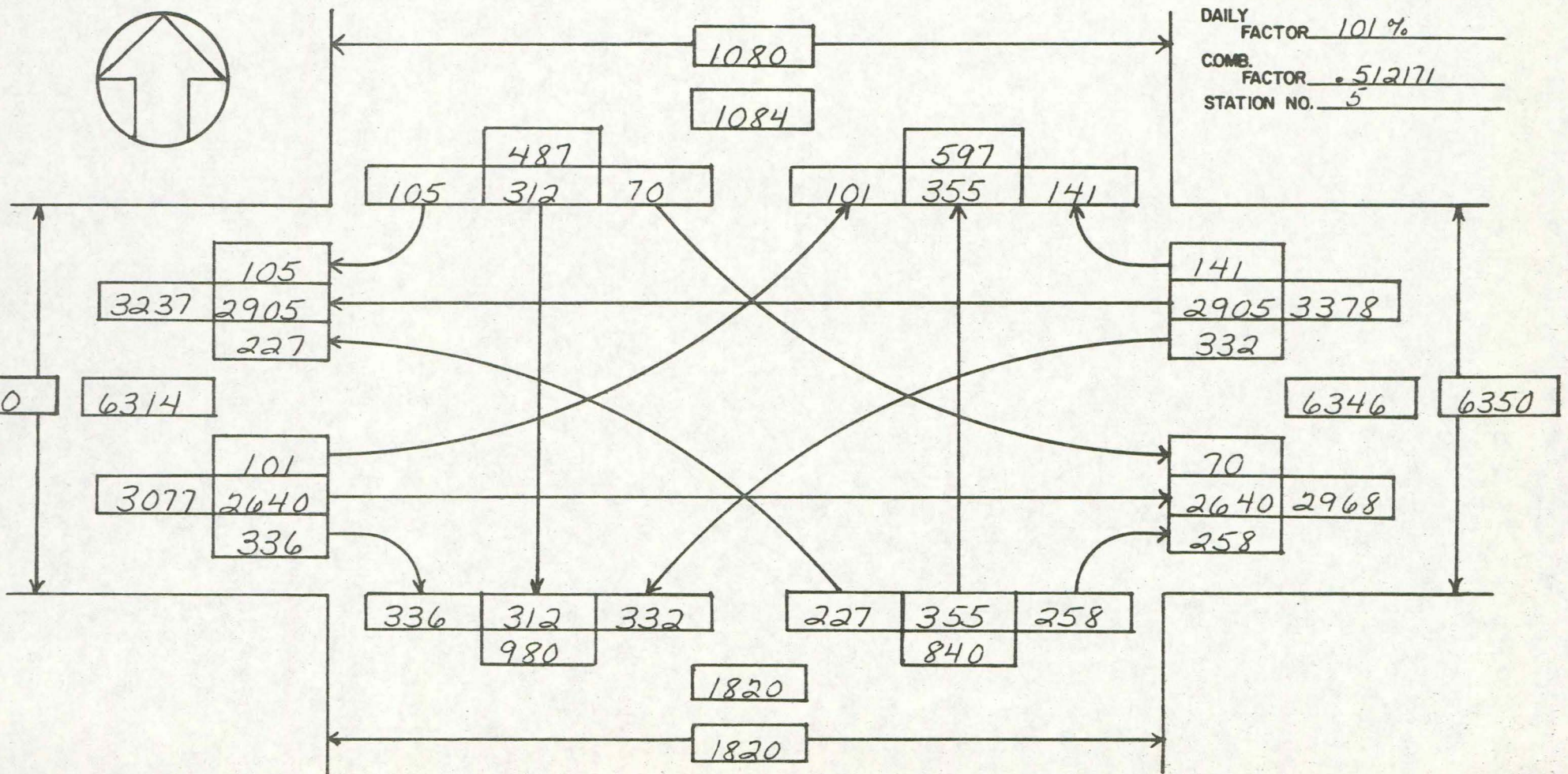
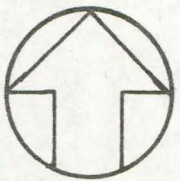
FLOW DIAGRAM

INTERSECTION 18th + Grandview Blvd

DATE 8-6-80 DAY Wednesday WEATHER sunny

HOURS COUNTED 7-11am; 3-6pm HOURS SHOWN 24 hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 46.1%  
 MONTHLY FACTOR 110%  
 DAILY FACTOR 101%  
 COMB. FACTOR .512171  
 STATION NO. 5



## Accident Summary

11TH & JACKSON

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 4                          | Sideswipe             | 0                          |
| 10:00 a.m. - 2:00 p.m. | 7                          | Rear End              | 2                          |
| 2:00 p.m. - 6:00 p.m.  | 6                          | Right Angle           | 17                         |
| 6:00 p.m. - 10:00 p.m. | 4                          | Left Turn             | 4                          |
| 10:00 p.m. - 2:00 a.m. | 3                          | Pedestrian            | 1                          |
| 2:00 a.m. - 6:00 a.m.  | <u>1</u>                   | Other                 | <u>2</u>                   |
| Totals                 | 25                         | Totals                | 26                         |

| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 8                          | North ( Southbound )         | 17                        |
| Spring ( March - May ) | 8                          | South ( Northbound )         | 10                        |
| Summer ( June - Aug. ) | 3                          | East ( Westbound )           | 12                        |
| Fall ( Sept. - Nov. )  | <u>7</u>                   | West ( Eastbound )           | <u>13</u>                 |
| Totals                 | 26                         | Totals                       | 52                        |

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 10                         | 1976                   | 3.2            |
| Icy                       | 0                          | 1977                   | 0              |
| Wet                       | <u>10</u>                  | 1978                   | 3.6            |
| Totals                    | 20                         | 1979                   | <u>4</u>       |
|                           |                            | 4 year Average         | 3.6            |

# COLLISION DIAGRAM

INDICATE NORTH  
BY ARROW

9-25-76 1858 CL-D  
12-8-76 1507 CL-W/SL  
1-13-78 1515 CL-W/SL  
1-25-78 1359

4-29-77 0038 C-D  
1-21-78 1055 C-W  
12-21-78 0800 C-S

10-28-76 1934 C-D  
11-5-76 0757 C-D  
9-17-77 1040 CL-D  
10-18-77 1348  
4-7-78 2145 CL-D  
12-21-78 1714 CL-W

12-9-78 1330  
3-20-79 0835  
3-6-76 1655 C-D  
3-26-76 2350 C-D  
9-26-76 1644 R-W  
3-11-77 0858 R-W  
6-17-78 2140 C-D  
8-15-78 CL-R-W  
5-8-79 1338 M-W

4-6-76 1447 C-D

11-12-78 1155 R-W

8-7-78 2245

11TH  
NAME

JACKSON  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- \* - - - PEDESTRIAN
- ☑ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←↗ OUT OF CONTROL
- ←↙ LEFT TURN
- ↘↙ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION 11TH AND JACKSON  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

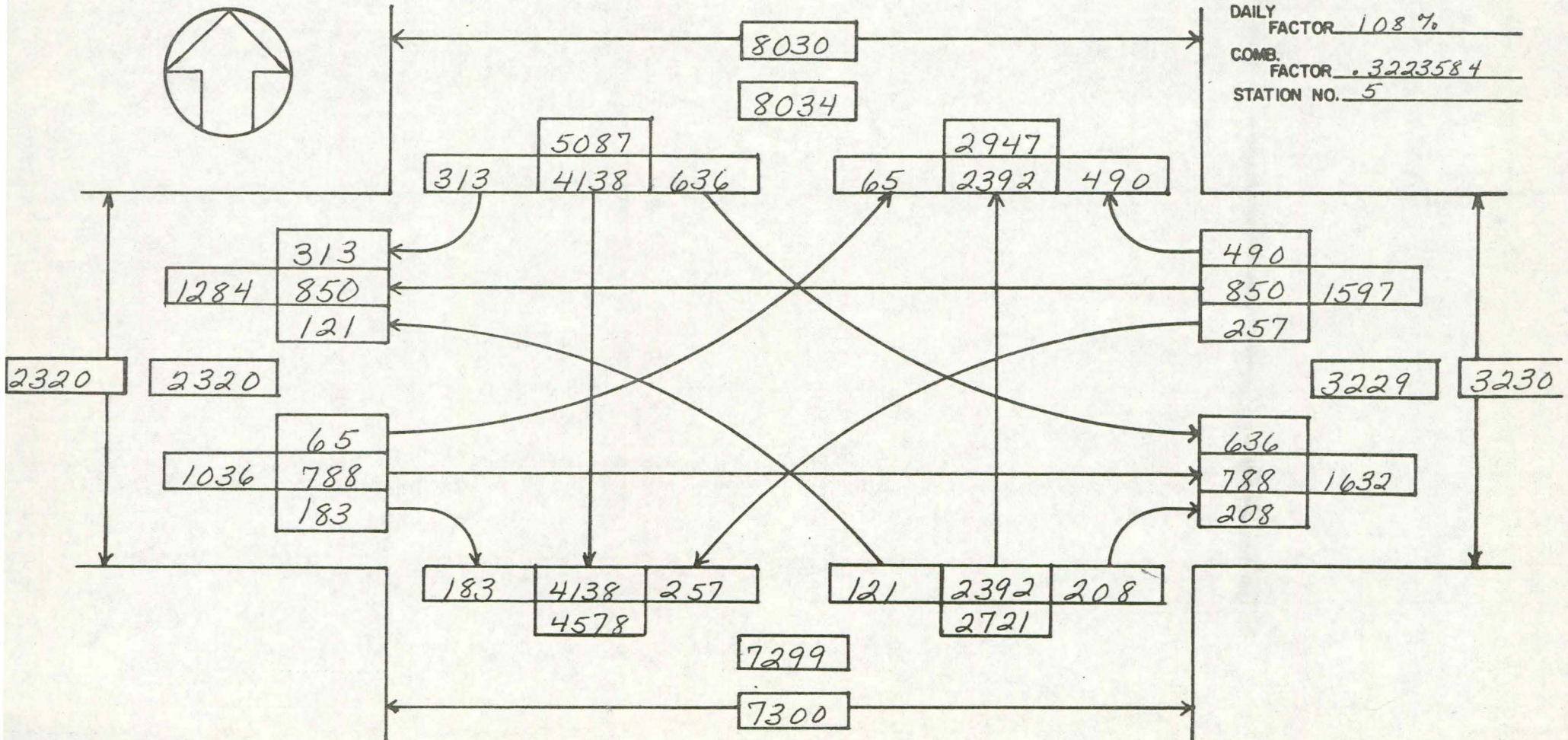
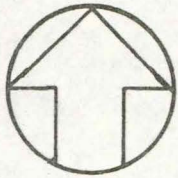
FLOW DIAGRAM

INTERSECTION 11th + Jackson Sts

DATE 7-17-79 DAY Tuesday WEATHER ---

HOURS COUNTED 7-12 noon HOURS SHOWN 24 hrs. factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 28.7%  
 MONTHLY FACTOR 104%  
 DAILY FACTOR 108%  
 COMB. FACTOR .3223584  
 STATION NO. 5



## Accident Summary

14TH & NEBRASKA

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">17</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">5</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">4</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>1</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">32</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 3  | 10:00 a.m. - 2:00 p.m. | 2 | 2:00 p.m. - 6:00 p.m.  | 17       | 6:00 p.m. - 10:00 p.m. | 5         | 10:00 p.m. - 2:00 a.m.   | 4                      | 2:00 a.m. - 6:00 a.m.  | <u>1</u>                     | <b>Totals</b>             | 32                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">8</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">16</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">6</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>4</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">34</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0          | Rear End           | 8         | Right Angle   | 16 | Left Turn | 6 | Pedestrian | 0 | Other | <u>4</u> | <b>Totals</b> | 34 |
|---|----------------------------|----------------------------|------------------------|----|------------------------|---|------------------------|----------|------------------------|-----------|--|------------------------|--|------------------------------|---------------------------|----------------------|--|-----------------------|----------------------------|--------------------|------------|--------------------|-----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.  | 3                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.  | 2                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.   | 17                         |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.  | 5                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.  | 4                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.   | <u>1</u>                   |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 32                         |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Sideswipe   | 0                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Rear End  | 8                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Right Angle   | 16                         |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Left Turn   | 6                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Pedestrian  | 0                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Other   | <u>4</u>                   |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 34                         |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">7</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">12</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;"><u>10</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">34</td> </tr> </tbody> </table>  | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb. ) | 5  | Spring ( March - May ) | 7 | Summer ( June - Aug. ) | 12       | Fall ( Sept. - Nov. )  | <u>10</u> | <b>Totals</b>  | 34                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">0</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">27</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">21</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>21</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">69</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 0  | South ( Northbound )  | 27                         | East ( Westbound ) | 21         | West ( Eastbound ) | <u>21</u> | <b>Totals</b> | 69 |           |   |            |   |       |          |               |    |
| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb. )  | 5                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May )  | 7                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug. )  | 12                         |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov. )   | <u>10</u>                  |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 34                         |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )  | 0                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )  | 27                         |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )  | 21                         |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )  | <u>21</u>                  |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 69                         |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">18</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>7</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">25</td> </tr> </tbody> </table>   | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 18 | Icy                    | 0 | Wet                    | <u>7</u> | <b>Totals</b>          | 25        | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">4</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">3.5</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">4</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>3.6</u></td> </tr> <tr> <td style="text-align: center;">4 year Average</td> <td style="text-align: center;">3.8</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>   | 1976                         | 4                         | 1977                 | 3.5  | 1978                  | 4                          | 1979               | <u>3.6</u> | 4 year Average     | 3.8       |               |    |           |   |            |   |       |          |               |    |
| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Dry   | 18                         |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Icy   | 0                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| Wet   | <u>7</u>                   |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 25                         |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1976  | 4                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1977  | 3.5                        |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1978  | 4                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1979  | <u>3.6</u>                 |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |
| 4 year Average  | 3.8                        |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |  |                       |                            |                    |            |                    |           |               |    |           |   |            |   |       |          |               |    |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM

6-28-76 1508 —  
7-10-78 — —  
2-14-79 1534 CL-W  
9-8-79 0200 CL-W

1-15-76 1435 CL-W  
8-7-76 1520 C-D  
8-4-77 1655 C-D  
11-16-77 1422 C-W  
4-9-79 1445 —  
10-19-79 1315 C-D

6-14-78 2001 CL-D

7-19-79 1756 C-D

9-18-79 1415 C-D

5-15-76 0928 C-D  
4-19-77 1216 R-W  
6-22-77 1445 CL-D  
5-5-79 1602 C/CL-D  
6-4-79 0945 C-D

12-17-76 2212

11-10-77 1543 —  
11-20-77 1535 C-D  
12-28-77 2811 —  
8-10-78 1540 C-D  
2-13-79 1959 CL-W  
7-24-79 1905 C-D  
2-13-76 2241 C-D  
7-19-76 1805 CL-D  
12-18-76 1420 C-D  
4-20-77 0820 C/R W  
10-12-77 1727 C-D  
11-27-77 1721 —

14TH  
NAME

NEBRASKA  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←←← REAR END
- HEAD ON
- ←→ SIDE SWIPE
- ←eee OUT OF CONTROL
- ←↘ LEFT TURN
- ↘→ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 14TH AND NEBRASKA  
PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 14th + Nebraska Sts

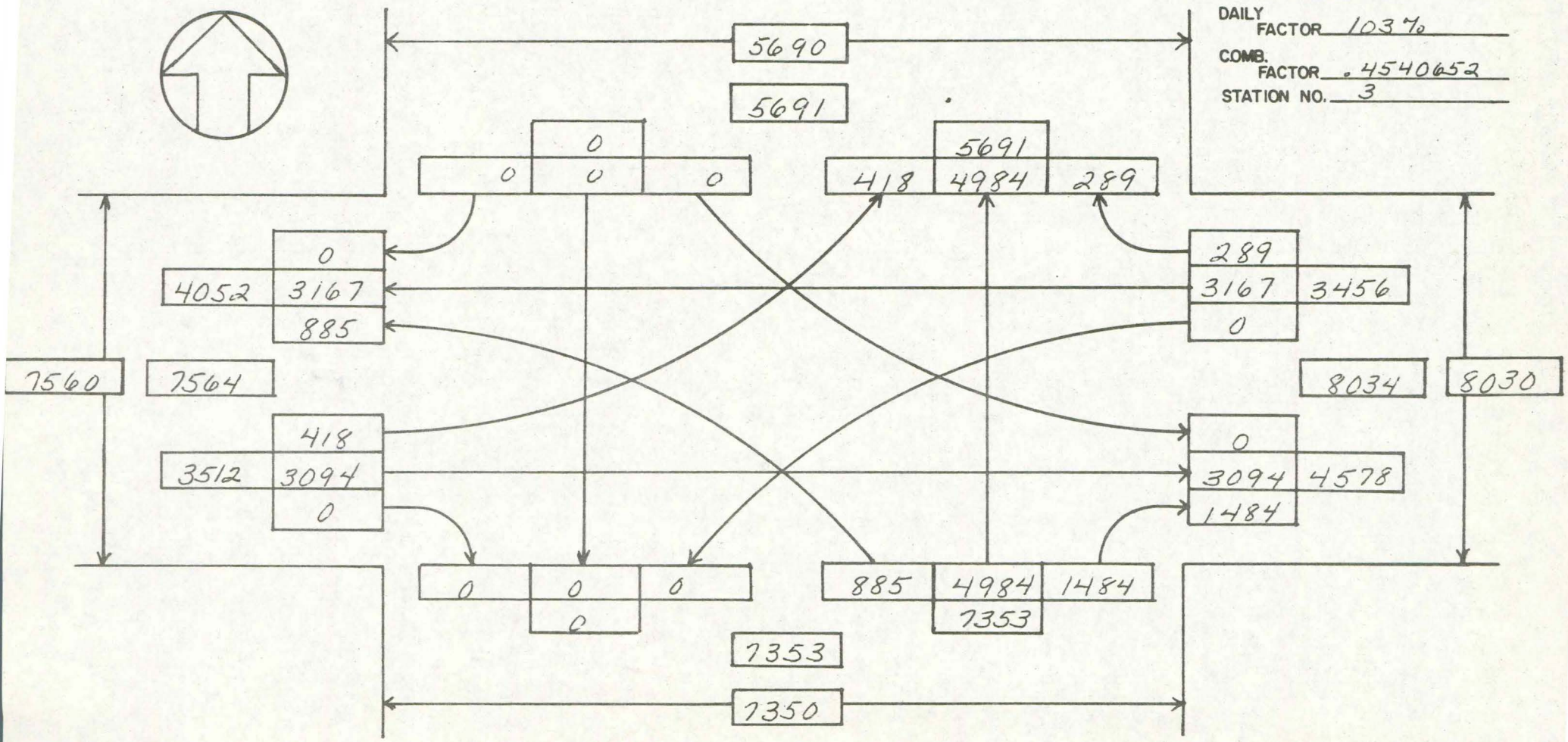
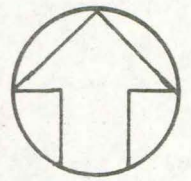
DATE 7-1 80

DAY Tuesday WEATHER cloudy windy warm

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 Hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 42.8%  
 MONTHLY FACTOR 103%  
 DAILY FACTOR 103%  
 COMB. FACTOR .4540652  
 STATION NO. 3





## Accident Summary

27TH & NEBRASKA

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 3                          | Sideswipe             | 0                          |
| 10:00 a.m. - 2:00 p.m. | 6                          | Rear End              | 1                          |
| 2:00 p.m. - 6:00 p.m.  | 7                          | Right Angle           | 18                         |
| 6:00 p.m. - 10:00 p.m. | 2                          | Left Turn             | 0                          |
| 10:00 p.m. - 2:00 a.m. | 1                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   | Other                 | <u>0</u>                   |
| <b>Totals</b>          | 19                         | <b>Totals</b>         | 19                         |

| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 7                          | North ( Southbound )         | 3                         |
| Spring ( March - May ) | 3                          | South ( Northbound )         | 15                        |
| Summer ( June - Aug. ) | 4                          | East ( Westbound )           | 9                         |
| Fall ( Sept. - Nov. )  | <u>5</u>                   | West ( Eastbound )           | <u>11</u>                 |
| <b>Totals</b>          | 19                         | <b>Totals</b>                | 38                        |

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 11                         | 1976                   | 3              |
| Icy                       | 0                          | 1977                   | 3.6            |
| Wet                       | <u>4</u>                   | 1978                   | 4              |
| <b>Totals</b>             | 15                         | 1979                   | <u>3.5</u>     |
|                           |                            | 4 year Average         | 3.5            |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM



27TH  
NAME

NEBRASKA  
NAME

| - SYMBOLS -   | TYPE OF COLLISION  | WEATHER   | ROAD CONDITIONS   |
|---|--|---|---|
| <ul style="list-style-type: none"> <li>← MOVING VEHICLE</li> <li>←←←← BACKING VEHICLE</li> <li>←- - - NON-INV. VEHICLE</li> <li>X- - - PEDESTRIAN</li> <li>▣ PARKED VEHICLE</li> <li>□ FIXED OBJECT</li> <li>● FATAL ACCIDENT</li> <li>○ INJURY ACCIDENT</li> </ul> | <ul style="list-style-type: none"> <li>←← REAR END</li> <li>←→ HEAD ON</li> <li>←↘ SIDE SWIPE</li> <li>←~~~~ OUT OF CONTROL</li> <li>←↙ LEFT TURN</li> <li>↑↘ RIGHT ANGLE</li> </ul> | <ul style="list-style-type: none"> <li>C-CLEAR</li> <li>CL-CLOUDY</li> <li>R-RAIN</li> <li>S-SNOW</li> <li>SL-SLEET</li> <li>F-FOG</li> <li>M-MIST</li> <li>W-HIGHWIND</li> </ul> | <ul style="list-style-type: none"> <li>D-DRY</li> <li>W-WET</li> <li>S-SNOW</li> <li>I-ICE</li> <li>SL-SLUSH</li> <li>M-MUD</li> <li>O-OTHER (SPECIFY)</li> </ul> |

INTERSECTION 27TH AND NEBRASKA  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 27th + Nebraska Sts.

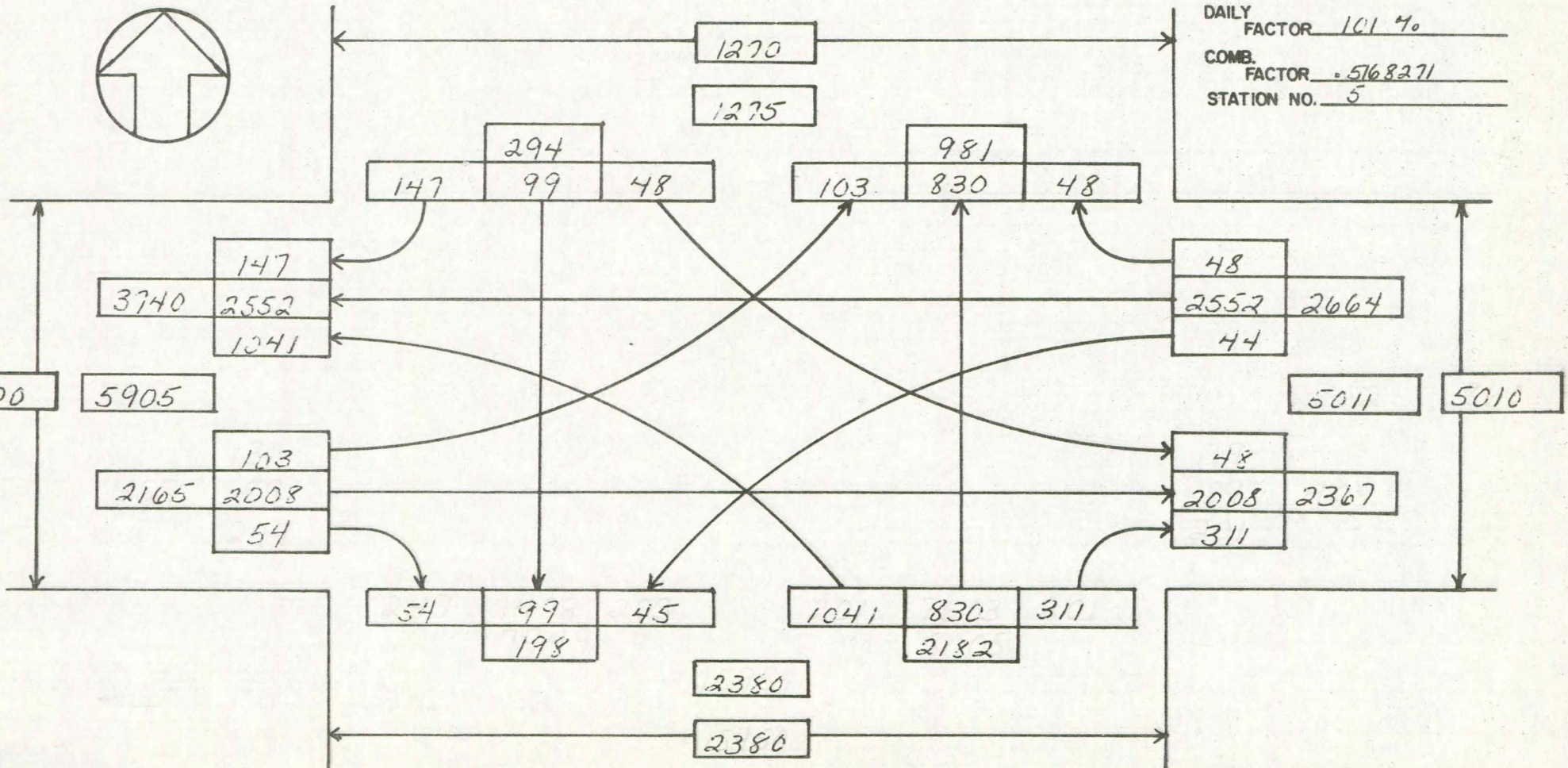
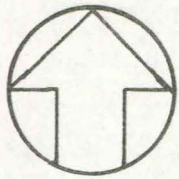
DATE 6-3-80

DAY Monday WEATHER sunny

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 Hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 46.1%  
 MONTHLY FACTOR 111%  
 DAILY FACTOR 101%  
 COMB. FACTOR .5168271  
 STATION NO. 5



## Accident Summary

11TH & STEUBEN

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">7</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">7</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">4</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">1</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">21</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 2 | 10:00 a.m. - 2:00 p.m. | 7 | 2:00 p.m. - 6:00 p.m. | 7        | 6:00 p.m. - 10:00 p.m. | 4        | 10:00 p.m. - 2:00 a.m.   | 1                      | 2:00 a.m. - 6:00 a.m.   | <u>0</u>                     | <b>Totals</b>             | 21                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">11</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>4</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">21</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0        | Rear End           | 5         | Right Angle   | 11 | Left Turn | 1 | Pedestrian | 0 | Other | <u>4</u> | <b>Totals</b> | 21 |
|--|----------------------------|----------------------------|------------------------|---|------------------------|---|-----------------------|----------|------------------------|----------|--|------------------------|---|------------------------------|---------------------------|----------------------|--|-----------------------|----------------------------|--------------------|----------|--------------------|-----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.   | 2                          |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.   | 7                          |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.  | 7                          |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.   | 4                          |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.   | 1                          |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 21                         |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Sideswipe  | 0                          |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Rear End   | 5                          |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Right Angle  | 11                         |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Left Turn  | 1                          |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Pedestrian   | 0                          |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Other  | <u>4</u>                   |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 21                         |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb.)</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Spring ( March - May)</td> <td style="text-align: center;">7</td> </tr> <tr> <td>Summer ( June - Aug.)</td> <td style="text-align: center;">7</td> </tr> <tr> <td>Fall ( Sept. - Nov.)</td> <td style="text-align: center;"><u>2</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">21</td> </tr> </tbody> </table>   | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb.)  | 5 | Spring ( March - May)  | 7 | Summer ( June - Aug.) | 7        | Fall ( Sept. - Nov.)   | <u>2</u> | <b>Totals</b>  | 21                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">10</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">5</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">9</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>16</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">40</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 10   | South ( Northbound )  | 5                          | East ( Westbound ) | 9        | West ( Eastbound ) | <u>16</u> | <b>Totals</b> | 40 |           |   |            |   |       |          |               |    |
| <u>Time of Year</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb.)  | 5                          |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May)  | 7                          |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug.)  | 7                          |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov.)   | <u>2</u>                   |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 21                         |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>   | <u>Number of Vehicles</u>  |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )   | 10                         |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )   | 5                          |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )   | 9                          |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )   | <u>16</u>                  |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 40                         |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">7</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>4</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">12</td> </tr> </tbody> </table>   | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 7 | Icy                    | 1 | Wet                   | <u>4</u> | <b>Totals</b>          | 12       | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">3.5</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">3.5</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: center;">4 year Average</td> <td style="text-align: center;">3.5</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>  | 1976                         | 3.5                       | 1977                 | 3.5  | 1978                  | 0                          | 1979               | <u>0</u> | 4 year Average     | 3.5       |               |    |           |   |            |   |       |          |               |    |
| <u>Pavement Condition</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Dry  | 7                          |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Icy  | 1                          |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Wet  | <u>4</u>                   |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 12                         |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>   | <u>Average</u>             |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1976   | 3.5                        |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1977   | 3.5                        |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1978   | 0                          |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1979   | <u>0</u>                   |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 4 year Average   | 3.5                        |                            |                        |   |                        |   |                       |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |

# COLLISION DIAGRAM

INDICATE NORTH  
BY ARROW

4-19-76 1320 C-D  
7-3-78 2022 —  
10-19-78 1400 —

6-1-77 0656 —  
9-7-77 1645 C-D

3-17-79 1558 —  
7-21-79 2252 C-D

4-10-76 1739 C-D  
7-20-77 1726 C-D

3-4-76 2005 CL/S - E/S  
2-23-77 0950 —

2-5-76 1255 CL/S - W/S  
6-8-76 1224 C-D  
3-19-77 2145 CL-W  
5-4-77 1225 CL-D  
2-17-78 1850 C-W/S

1-6-78 1525 CL-W

4-9-76 1537 —

7-3-77 2022 —

11TH  
NAME

STEBEN  
NAME

8-20-76 1240 —

## - SYMBOLS -

- ← MOVING VEHICLE
- ←→ BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ◻ PARKED VEHICLE
- ◻ FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←→ REAR END
- ←→ HEAD ON
- ←→ SIDE SWIPE
- ←→ OUT OF CONTROL
- ←→ LEFT TURN
- ←→ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 11TH AND STEBEN  
PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

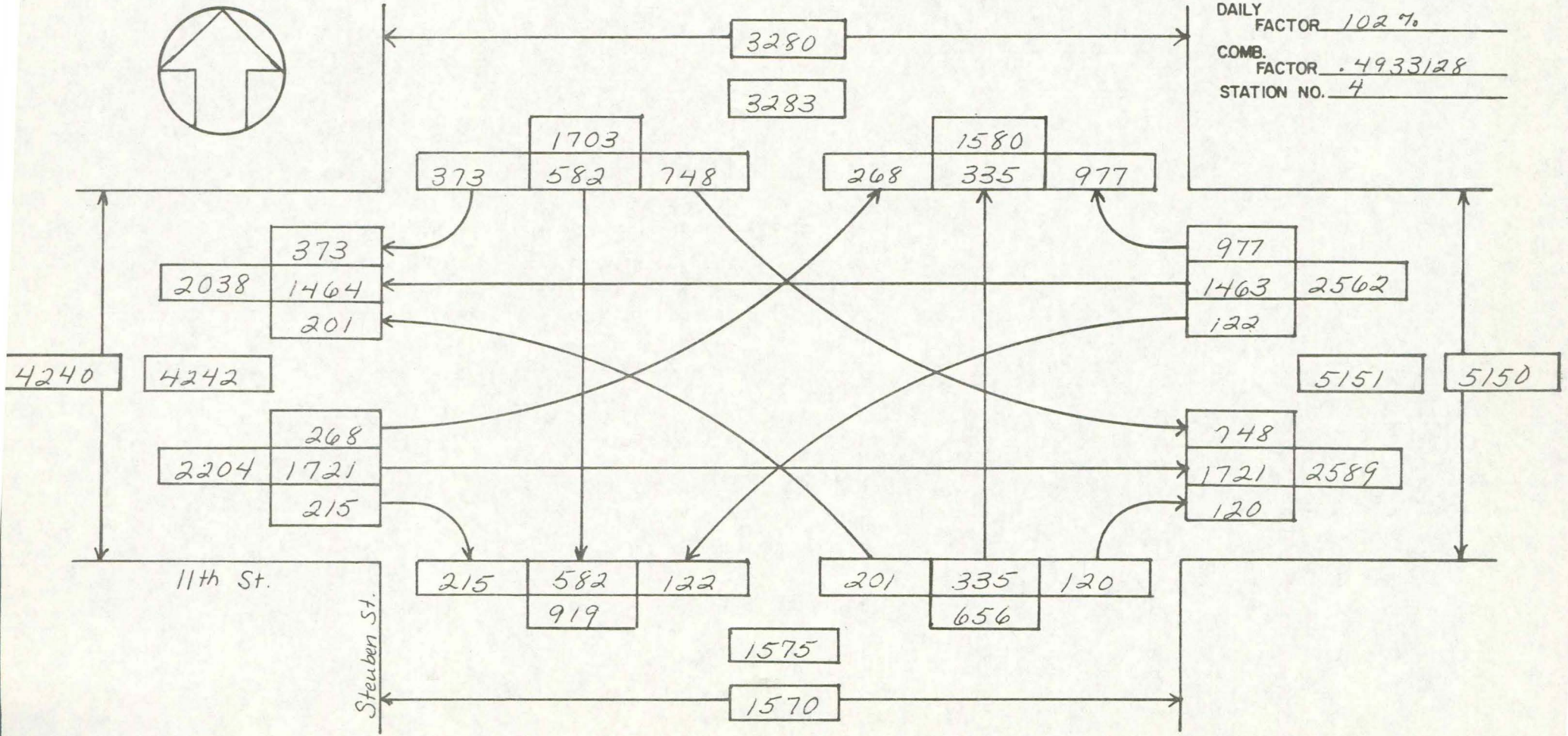
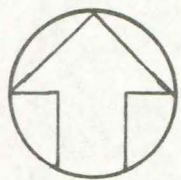
FLOW DIAGRAM

INTERSECTION 11th + Steuben Sts

DATE 6-10-80 DAY Tuesday WEATHER sunny

HOURS COUNTED 7-11am; 3-6pm HOURS SHOWN 24 Hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 45.2%  
 MONTHLY FACTOR 107%  
 DAILY FACTOR 102%  
 COMB. FACTOR .4933128  
 STATION NO. 4



Accident Summary  
7th & Pierce

| <u>Time of Day</u>     | <u>Number of<br/>Accidents</u> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| 6:00 a.m. - 10:00 a.m. | 4                              | Sideswipe             | 1                              |
| 10:00 a.m. - 2:00 p.m. | 15                             | Rear End              | 15                             |
| 2:00 p.m. - 6:00 p.m.  | 6                              | Right Angle           | 12                             |
| 6:00 p.m. - 10:00 p.m. | 3                              | Left Turn             | 0                              |
| 10:00 p.m. - 2:00 a.m. | 4                              | Pedestrian            | 2                              |
| 2:00 a.m. - 6:00 a.m.  | <u>1</u>                       | Other                 | <u>3</u>                       |
| <b>Totals</b>          | 33                             | <b>Totals</b>         | 33                             |

| <u>Time of Year</u>    | <u>Number of<br/>Accidents</u> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> |
|------------------------|--------------------------------|------------------------------|-------------------------------|
| Winter ( Dec. - Feb.)  | 10                             | North ( Southbound )         | 45                            |
| Spring ( March - May ) | 7                              | South ( Northbound )         | 0                             |
| Summer ( June - Aug. ) | 10                             | East ( Westbound )           | 14                            |
| Fall ( Sept. - Nov. )  | <u>6</u>                       | West ( Eastbound )           | <u>5</u>                      |
| <b>Totals</b>          | 33                             | <b>Totals</b>                | 64                            |

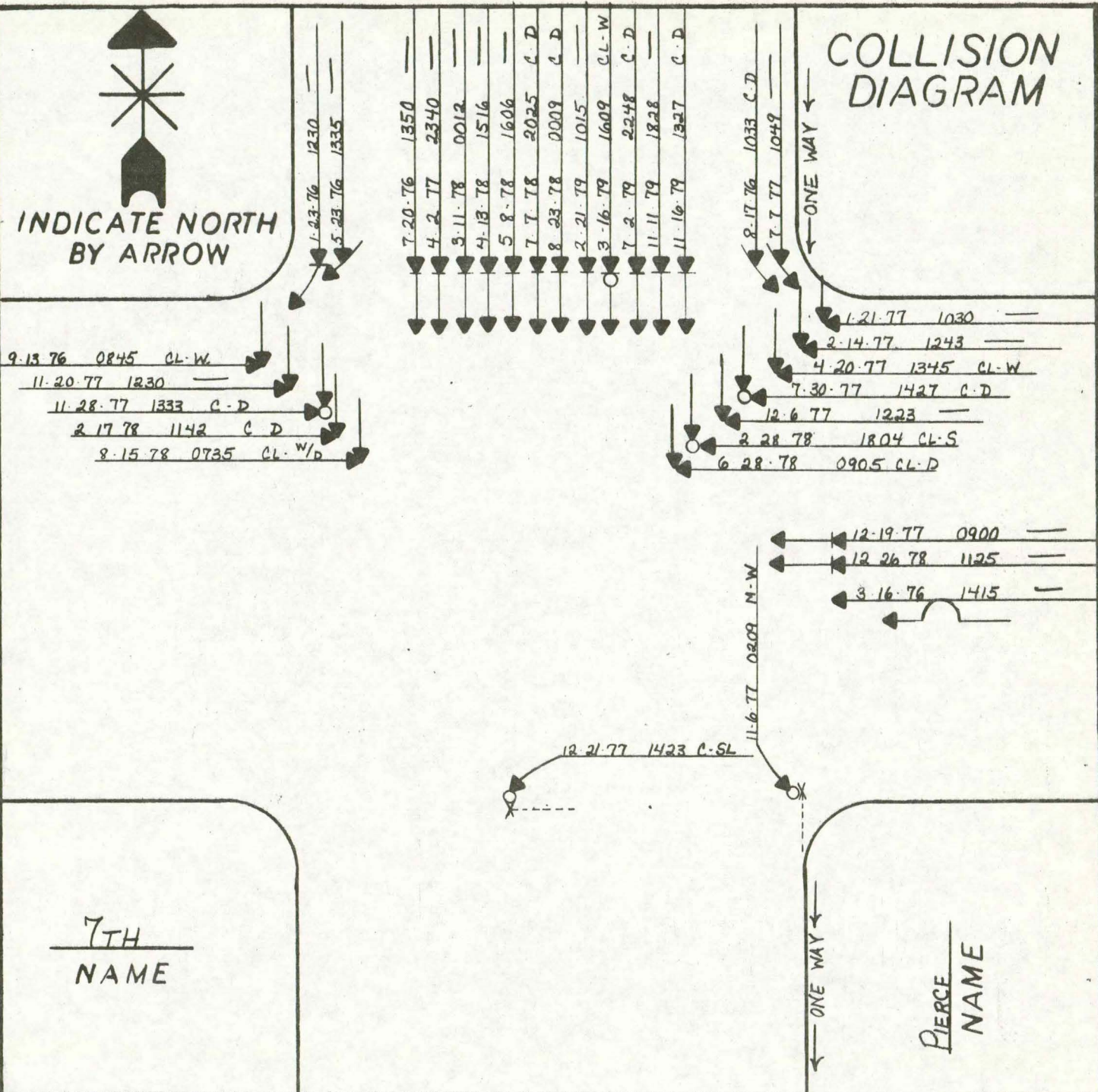
  

| <u>Pavement Condition</u> | <u>Number of<br/>Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|--------------------------------|------------------------|----------------|
| Dry                       | 10                             | 1976                   | 4              |
| Icy                       | 0                              | 1977                   | 3.5            |
| Wet                       | <u>5</u>                       | 1978                   | 4              |
| <b>Totals</b>             | 15                             | 1979                   | <u>4</u>       |
|                           |                                | 4 year Average         | 3.8            |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM



7TH  
NAME

PIERCE  
NAME

| - SYMBOLS -  | TYPE OF COLLISION  | WEATHER ROAD CONDITIONS  |
|--|--|--|
| <ul style="list-style-type: none"> <li>← MOVING VEHICLE</li> <li>←←← BACKING VEHICLE</li> <li>←--- NON-INV. VEHICLE</li> <li>X--- PEDESTRIAN</li> <li>▣ PARKED VEHICLE</li> <li>□ FIXED OBJECT</li> <li>● FATAL ACCIDENT</li> <li>○ INJURY ACCIDENT</li> </ul> | <ul style="list-style-type: none"> <li>←←← REAR END</li> <li>←→ HEAD ON</li> <li>←↘ SIDE SWIPE</li> <li>←~~~~ OUT OF CONTROL</li> <li>←↙ LEFT TURN</li> <li>↗ RIGHT ANGLE</li> </ul> | <ul style="list-style-type: none"> <li>C-CLEAR</li> <li>CL-CLOUDY</li> <li>R-RAIN</li> <li>S-SNOW</li> <li>SL-SLEET</li> <li>F-FOG</li> <li>M-MIST</li> <li>W-HIGHWIND</li> <li>D-DRY</li> <li>W-WET</li> <li>S-SNOW</li> <li>I-ICE</li> <li>SL-SLUSH</li> <li>M-MUD</li> <li>O-OTHER (SPECIFY)</li> </ul> |

INTERSECTION 7TH AND PIERCE  
 PERIOD 4 YEARS : FROM 1976 TO 1979



TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 7th + Pierce Sts

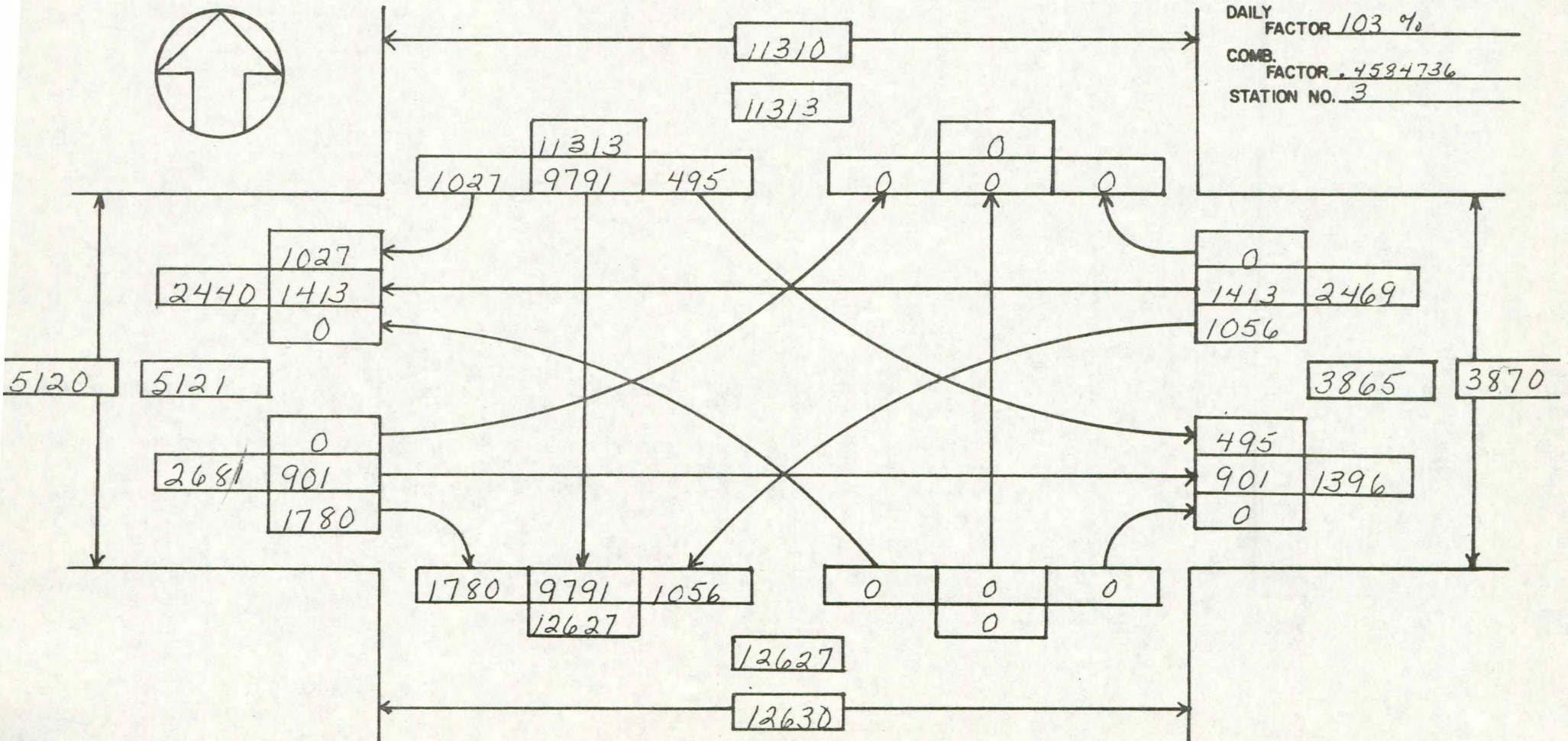
DATE 11-6-80

DAY Thursday WEATHER warm, scattered clouds

HOURS COUNTED 7-11am, 3-6pm

HOURS SHOWN 24 hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 42.8%  
 MONTHLY FACTOR 104%  
 DAILY FACTOR 103%  
 COMB. FACTOR .4584736  
 STATION NO. 3



### Accident Summary

W. 17TH & HAMILTON BLVD.

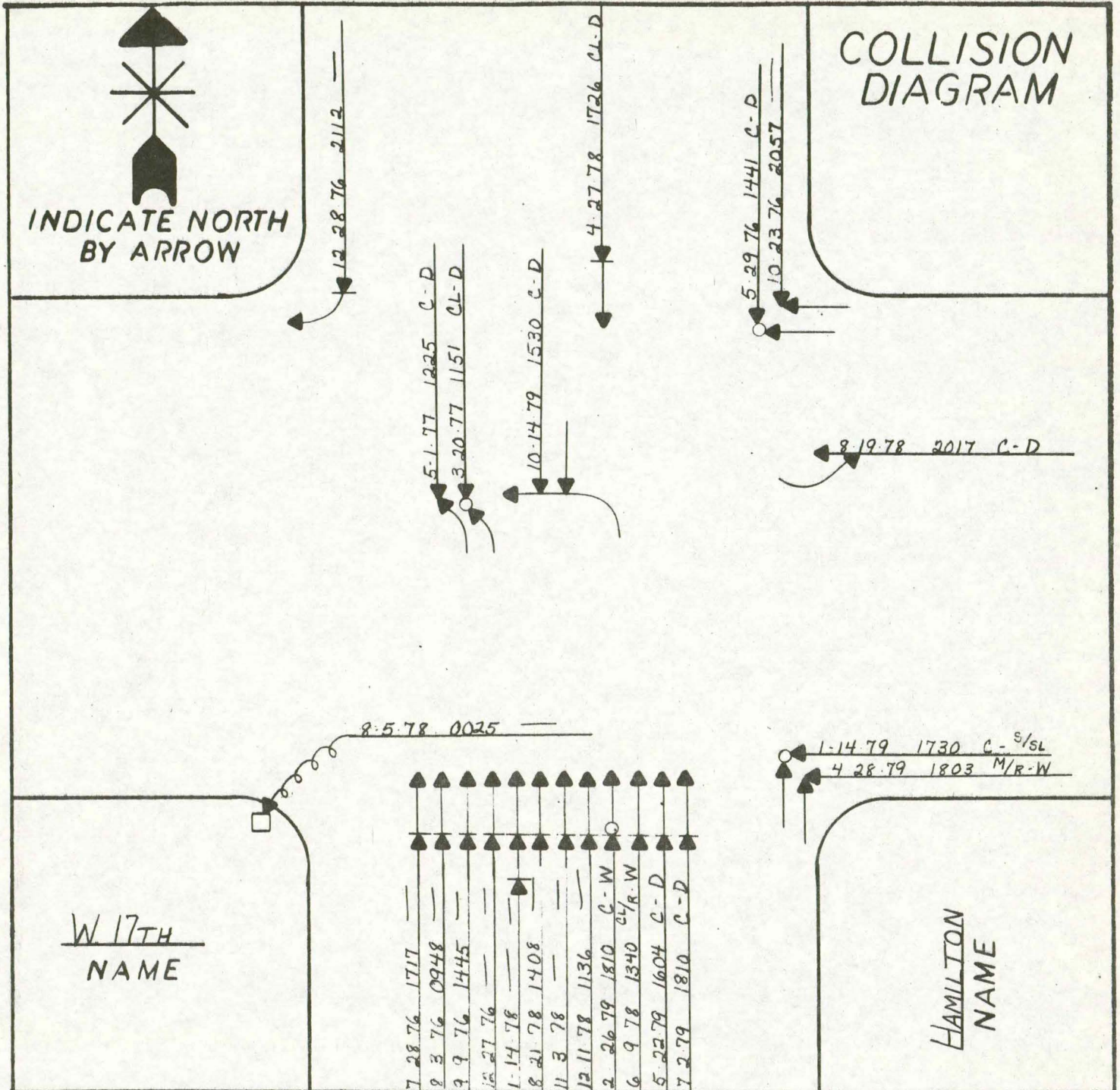
| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 1                          | Sideswipe             | 0                          |
| 10:00 a.m. - 2:00 p.m. | 4                          | Rear End              | 14                         |
| 2:00 p.m. - 6:00 p.m.  | 8                          | Right Angle           | 4                          |
| 6:00 p.m. - 10:00 p.m. | 6                          | Left Turn             | 3                          |
| 10:00 p.m. - 2:00 a.m. | 1                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   | Other                 | <u>2</u>                   |
| <b>Totals</b>          | 20                         | <b>Totals</b>         | 23                         |

| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 6                          | North ( Southbound )         | 11                        |
| Spring ( March - May ) | 6                          | South ( Northbound )         | 30                        |
| Summer ( June - Aug. ) | 7                          | East ( Westbound )           | 6                         |
| Fall ( Sept. - Nov. )  | <u>4</u>                   | West ( Eastbound )           | <u>0</u>                  |
| <b>Totals</b>          | 23                         | <b>Totals</b>                | 47                        |

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 8                          | I976                   | 4              |
| Icy                       | 0                          | I977                   | 2              |
| Wet                       | <u>4</u>                   | I978                   | 0              |
| <b>Totals</b>             | 12                         | I979                   | <u>2.8</u>     |
|                           |                            | 4 year Average         | 3              |



W. 17TH  
NAME

HAMILTON  
NAME

| - SYMBOLS - |                  | TYPE OF COLLISION | WEATHER ROAD CONDITIONS |
|-------------|------------------|-------------------|-------------------------|
| ←           | MOVING VEHICLE   | ←→                | C-CLEAR                 |
| ←→          | BACKING VEHICLE  | ←→                | CL-CLOUDY               |
| ←---        | NON-INV. VEHICLE | ←→                | R-RAIN                  |
| X---        | PEDESTRIAN       | ←→                | S-SNOW                  |
| ☐           | PARKED VEHICLE   | ←→                | SL-SLEET                |
| ☐           | FIXED OBJECT     | ←→                | F-FOG                   |
| ●           | FATAL ACCIDENT   | ←→                | M-MIST                  |
| ○           | INJURY ACCIDENT  | ←→                | W-HIGHWIND              |
|             |                  | ←→                | D-DRY                   |
|             |                  | ←→                | W-WET                   |
|             |                  | ←→                | S-SNOW                  |
|             |                  | ←→                | I-ICE                   |
|             |                  | ←→                | SL-SLUSH                |
|             |                  | ←→                | M-MUD                   |
|             |                  | ←→                | O-OTHER (SPECIFY)       |

INTERSECTION W. 17TH AND HAMILTON BLVD.  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

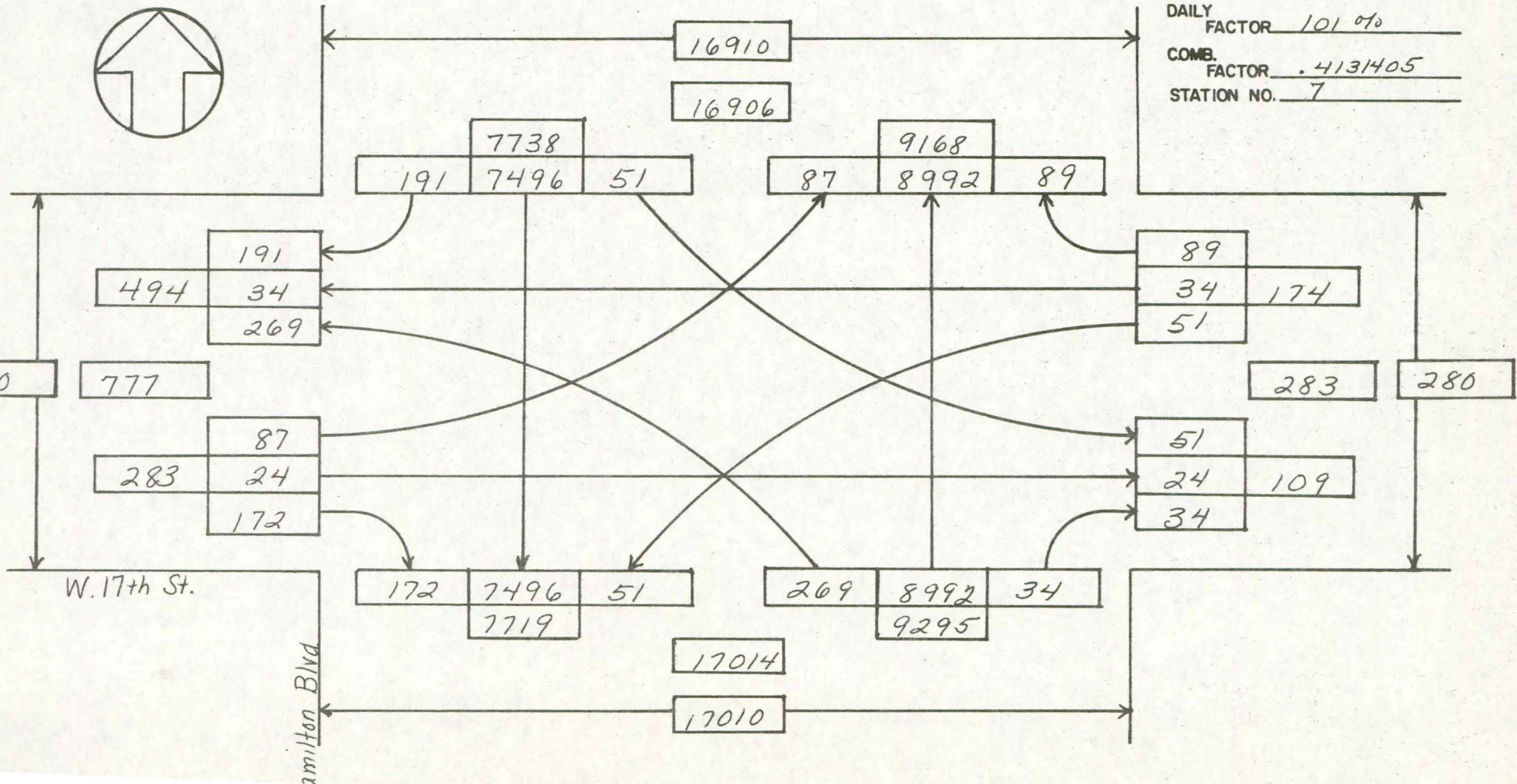
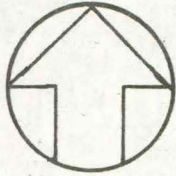
FLOW DIAGRAM

INTERSECTION W. 17th + Hamilton Blvd

DATE 7-9-80 DAY Wednesday WEATHER sunny

HOURS COUNTED 7-11am; 3-6pm HOURS SHOWN 24 Hrs. factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 40.5%  
 MONTHLY FACTOR 101%  
 DAILY FACTOR 101%  
 COMB. FACTOR .4131405  
 STATION NO. 7



## Accident Summary

3RD & VIRGINIA

|  |   |   |   |
|--|---|---|---|
| <p><u>Time of Day</u></p> <p>6:00 a.m. - 10:00 a.m.      3<br/>           10:00 a.m. - 2:00 p.m.      5<br/>           2:00 p.m. - 6:00 p.m.      9<br/>           6:00 p.m. - 10:00 p.m.      0<br/>           10:00 p.m. - 2:00 a.m.      0<br/>           2:00 a.m. - 6:00 a.m.      0</p> <p style="text-align: right;">Totals                      17</p> | <p style="text-align: center;"><u>Number of Accidents</u></p> | <p><u>Accidents Type</u></p> <p>Sideswipe                      0<br/>           Rear End                      7<br/>           Right Angle                    7<br/>           Left Turn                      0<br/>           Pedestrian                    0<br/>           Other                          3</p> <p style="text-align: right;">Totals                      17</p> | <p style="text-align: center;"><u>Number of Accidents</u></p> |
| <p><u>Time of Year</u></p> <p>Winter ( Dec. - Feb. )      6<br/>           Spring ( March - May )      2<br/>           Summer ( June - Aug. )      4<br/>           Fall ( Sept. - Nov. )      5</p> <p style="text-align: right;">Totals                      17</p>   | <p style="text-align: center;"><u>Number of Accidents</u></p> | <p><u>Direction of Approach</u></p> <p>North ( Southbound )      6<br/>           South ( Northbound )      14<br/>           East ( Westbound )      7<br/>           West ( Eastbound )      7</p> <p style="text-align: right;">Totals                      34</p>   | <p style="text-align: center;"><u>Number of Vehicles</u></p>  |
| <p><u>Pavement Condition</u></p> <p>Dry                              8<br/>           Icy                              3<br/>           Wet                              1</p> <p style="text-align: right;">Totals                      12</p>  | <p style="text-align: center;"><u>Number of Accidents</u></p> | <p><u>Injury Severity</u></p> <p>1976                              0<br/>           1977                              3.3<br/>           1978                              4<br/>           1979                              0</p> <p style="text-align: right;">4 year Average              3.7</p>   | <p style="text-align: center;"><u>Average</u></p>             |

# COLLISION DIAGRAM

INDICATE NORTH  
BY ARROW

7-20-78 0947 M-W

9-16-77 1630 C-D

11-3-78 1645

8-21-77 1013 C-D

11-4-77 1309

5-16-79 1645

6-19-76 1222 C-D

2-25-77 1738 CL-D

8-8-78 1712 C-D

11-22-77 1222

12-15-77 1425 C-D

3-23-78 1645 CL-D


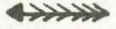
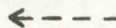





11-5-78 1504 CL-D

3RD  
NAME







VIRGINIA  
NAME

1-18-77 1330  
12-19-77 0900 S-I  
2-1-78 1657 -I  
2-15-78 0826 -I

## - SYMBOLS -

-  MOVING VEHICLE
-  BACKING VEHICLE
-  NON-INV. VEHICLE
-  PEDESTRIAN
-  PARKED VEHICLE
-  FIXED OBJECT
-  FATAL ACCIDENT
-  INJURY ACCIDENT

## TYPE OF COLLISION

-  REAR END
-  HEAD ON
-  SIDE SWIPE
-  OUT OF CONTROL
-  LEFT TURN
-  RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 3RD AND VIRGINIA  
PERIOD 4 YEARS : FROM 1976 TO 1979

# VEHICLE VOLUME COUNT

## FLOW DIAGRAM

INTERSECTION 3rd + Virginia Sts

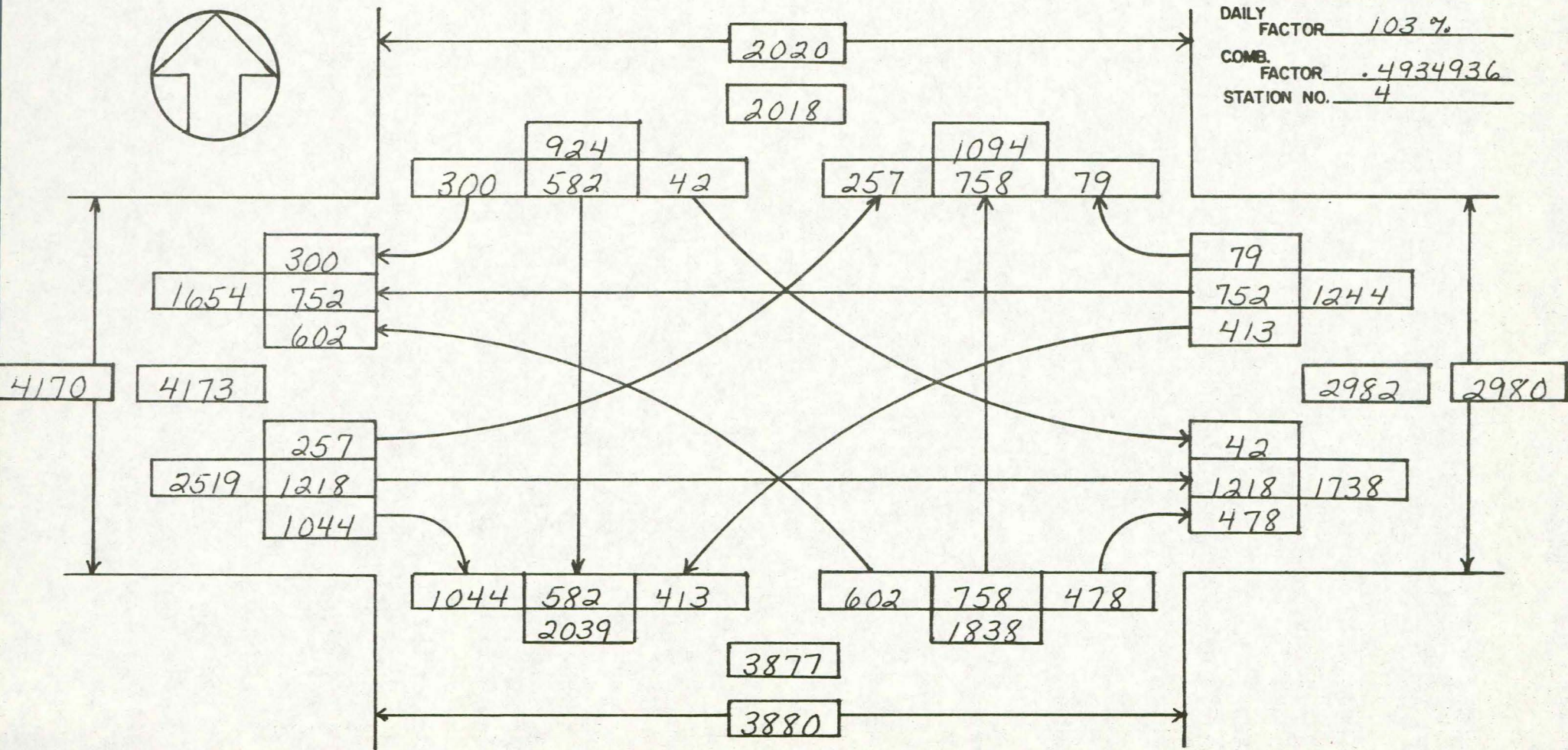
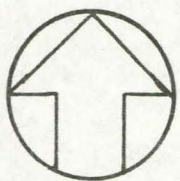
DATE 8-19-80

DAY Tuesday WEATHER clear

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs. factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 45.2%  
 MONTHLY FACTOR 106%  
 DAILY FACTOR 103%  
 COMB. FACTOR .4934936  
 STATION NO. 4



## Accident Summary

4TH & LEWIS

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">10</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">10</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">6</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>2</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;"><b>33</b></td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 3  | 10:00 a.m. - 2:00 p.m. | 10 | 2:00 p.m. - 6:00 p.m.  | 10       | 6:00 p.m. - 10:00 p.m. | 6         | 10:00 p.m. - 2:00 a.m.   | 2                      | 2:00 a.m. - 6:00 a.m.   | <u>2</u>                     | <b>Totals</b>             | <b>33</b>            | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">11</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">12</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">4</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>6</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;"><b>33</b></td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0          | Rear End           | 11         | Right Angle   | 12        | Left Turn | 4 | Pedestrian | 0 | Other | <u>6</u> | <b>Totals</b> | <b>33</b> |
|--|----------------------------|----------------------------|------------------------|----|------------------------|----|------------------------|----------|------------------------|-----------|--|------------------------|---|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|------------|--------------------|------------|---------------|-----------|-----------|---|------------|---|-------|----------|---------------|-----------|
| <u>Time of Day</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| 6:00 a.m. - 10:00 a.m.   | 3                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| 10:00 a.m. - 2:00 p.m.   | 10                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| 2:00 p.m. - 6:00 p.m.  | 10                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| 6:00 p.m. - 10:00 p.m.   | 6                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| 10:00 p.m. - 2:00 a.m.   | 2                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| 2:00 a.m. - 6:00 a.m.  | <u>2</u>                   |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| <b>Totals</b>  | <b>33</b>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| <u>Accidents Type</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| Sideswipe  | 0                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| Rear End   | 11                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| Right Angle  | 12                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| Left Turn  | 4                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| Pedestrian   | 0                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| Other  | <u>6</u>                   |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| <b>Totals</b>  | <b>33</b>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">11</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">9</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;"><u>11</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;"><b>33</b></td> </tr> </tbody> </table>   | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb. ) | 11 | Spring ( March - May ) | 9  | Summer ( June - Aug. ) | 2        | Fall ( Sept. - Nov. )  | <u>11</u> | <b>Totals</b>  | <b>33</b>              | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">16</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">17</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">10</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>23</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;"><b>66</b></td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 16  | South ( Northbound )  | 17                         | East ( Westbound ) | 10         | West ( Eastbound ) | <u>23</u>  | <b>Totals</b> | <b>66</b> |           |   |            |   |       |          |               |           |
| <u>Time of Year</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| Winter ( Dec. - Feb. )   | 11                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| Spring ( March - May )   | 9                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| Summer ( June - Aug. )   | 2                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| Fall ( Sept. - Nov. )  | <u>11</u>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| <b>Totals</b>  | <b>33</b>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| <u>Direction of Approach</u>   | <u>Number of Vehicles</u>  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| North ( Southbound )   | 16                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| South ( Northbound )   | 17                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| East ( Westbound )   | 10                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| West ( Eastbound )   | <u>23</u>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| <b>Totals</b>  | <b>66</b>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
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| <u>Pavement Condition</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| Dry  | 14                         |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| Icy  | 1                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| Wet  | <u>4</u>                   |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| <b>Totals</b>  | <b>19</b>                  |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| <u>Injury Severity</u>   | <u>Average</u>             |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| 1976   | 3                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| 1977   | 3.5                        |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| 1978   | 4                          |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| 1979   | <u>3.5</u>                 |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |
| 4 year Average   | <b>3.5</b>                 |                            |                        |    |                        |    |                        |          |                        |           |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |            |               |           |           |   |            |   |       |          |               |           |



# COLLISION DIAGRAM

INDICATE NORTH  
BY ARROW

11-17-78 1300 CL-W  
12-5-79 0815 CL-D

12-20-77 1801 C-1/3  
5-2-76 1500 C-D  
9-3-76 0700  
5-3-77 1320  
12-8-77 2215

1-24-76 1918  
10-21-77 1445  
5-29-78 1800  
12-5-79 0815 CL-D

1-8-76 1543 C-D  
3-14-77 1535 C-D  
5-23-77 1611

2-18-76 0235 M/R - W/M  
9-15-76 1340 CL-D

5-23-76 1240  
9-3-76 0700  
12-22-78 1652 C-W  
6-26-76 1410  
9-6-77 1255 C-D  
12-18-77 1413 CL-D  
10-28-79 1140 C-D

12-16-76 2020 CL-W  
2-12-77 1325 CL-D  
11-2-77 0811 C-D  
9-23-78 1800 C-D  
12-27-79 1045 C-D

5-23-76 1450 CL-D

4TH  
NAME

5-26-77 1030  
3-11-79 2230  
3-21-79 1023  
10-14-79 0230  
5-23-76 1450 CL-D

Hwy. 75 (LEWIS)  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←\* REAR END
- \* HEAD ON
- ←\* SIDE SWIPE
- ←\* OUT OF CONTROL
- ←\* LEFT TURN
- ↑\* RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |                   |
|------------|-------------------|
| C-CLEAR    | D-DRY             |
| CL-CLOUDY  | W-WET             |
| R-RAIN     | S-SNOW            |
| S-SNOW     | I-ICE             |
| SL-SLEET   | SL-SLUSH          |
| F-FOG      | M-MUD             |
| M-MIST     | O-OTHER (SPECIFY) |
| W-HIGHWIND |                   |

INTERSECTION 4TH AND Hwy. 75 (LEWIS)  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 4TH + LEWIS (Hwy. 75)

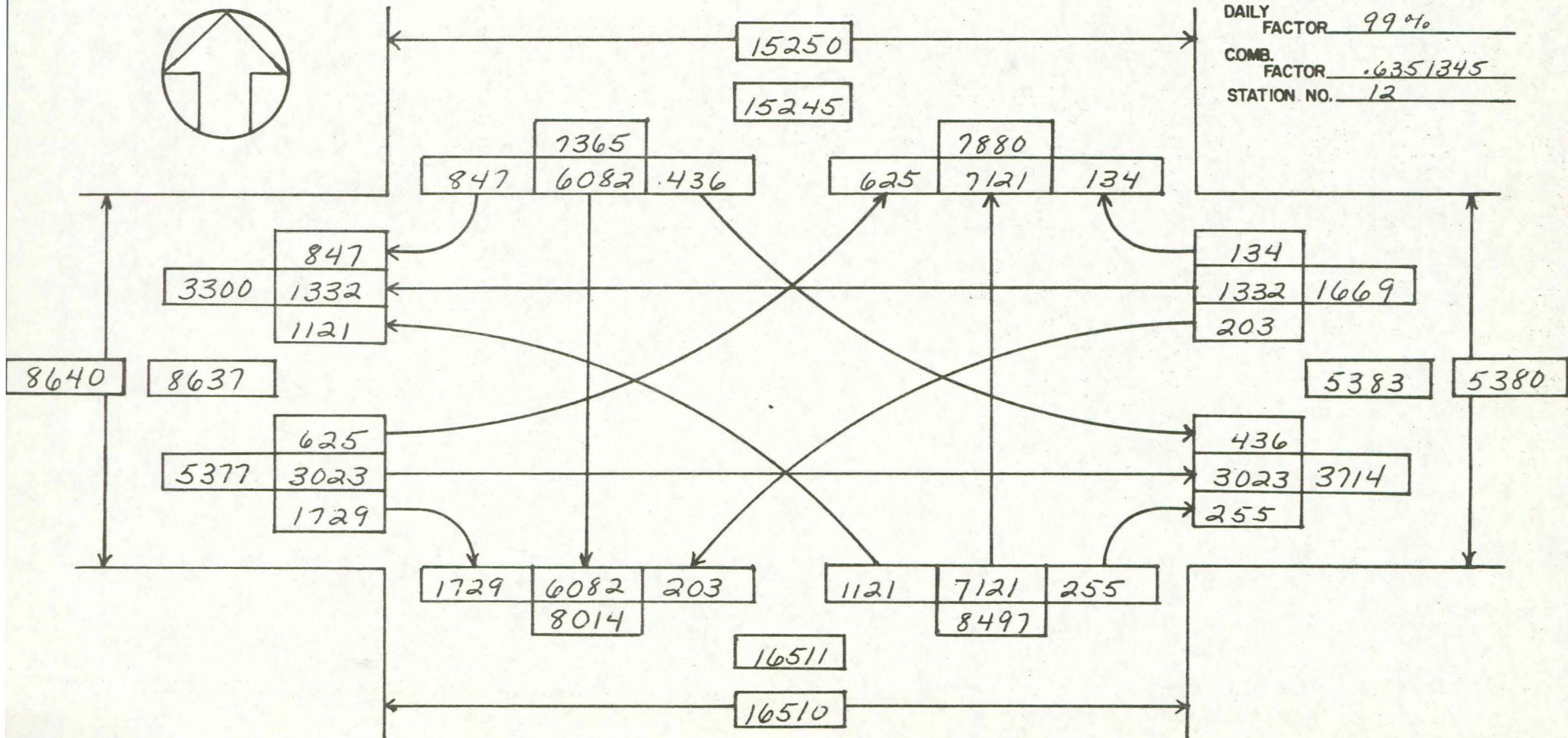
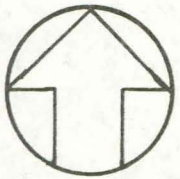
DATE 7-23-79

DAY Monday WEATHER Hot + humid

HOURS COUNTED 7-12am; 1-6pm

HOURS SHOWN 24 Hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 61.1%  
 MONTHLY FACTOR 105%  
 DAILY FACTOR 99%  
 COMB. FACTOR .6351345  
 STATION NO. 12



## Accident Summary

GORDON & MAPLE

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">6</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">6</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">10</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">24</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 6  | 10:00 a.m. - 2:00 p.m. | 6 | 2:00 p.m. - 6:00 p.m.  | 10       | 6:00 p.m. - 10:00 p.m. | 2        | 10:00 p.m. - 2:00 a.m.   | 0                      | 2:00 a.m. - 6:00 a.m.  | <u>0</u>                     | <b>Totals</b>             | 24                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">17</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>3</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">24</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 1        | Rear End           | 3         | Right Angle   | 17 | Left Turn | 0 | Pedestrian | 0 | Other | <u>3</u> | <b>Totals</b> | 24 |
|---|----------------------------|----------------------------|------------------------|----|------------------------|---|------------------------|----------|------------------------|----------|--|------------------------|--|------------------------------|---------------------------|----------------------|--|-----------------------|----------------------------|--------------------|----------|--------------------|-----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.  | 6                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.  | 6                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.   | 10                         |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.  | 2                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.  | 0                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.   | <u>0</u>                   |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 24                         |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Sideswipe   | 1                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Rear End  | 3                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Right Angle   | 17                         |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Left Turn   | 0                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Pedestrian  | 0                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Other   | <u>3</u>                   |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 24                         |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
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| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb. )  | 5                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May )  | 8                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug. )  | 6                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov. )   | <u>5</u>                   |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 24                         |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )  | 13                         |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )  | 8                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )  | 16                         |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )  | <u>12</u>                  |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 49                         |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
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| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Dry   | 11                         |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Icy   | 2                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Wet   | <u>3</u>                   |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 16                         |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1976  | 3.5                        |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1977  | 3.7                        |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1978  | 4                          |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1979  | <u>0</u>                   |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 4 year Average  | 3.7                        |                            |                        |    |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |

# COLLISION DIAGRAM

INDICATE NORTH BY ARROW



8-27-76 1750 C-D

7-21-76 1150 C-D  
 4-17-78 1408 C/W W  
 10-26-78 1500 C-D  
 9-13-79 1929  
 10-2-79 1100 C-D

3-19-78 1115  
 3-8-79 1430

10-16-76 1115  
 12-13-77 1908 CL-W  
 1-12-79 0814 F/S-F/S-SL  
 7-23-79 1318 C-D  
 8-30-79 0800 C-D

4-5-77 0619 C-D

11-26-77 1601  
 3-24-78 1723 C-D

7-2-76 1751 C-D  
 7-7-76 1724 C-D  
 5-8-78 1508 CL-D  
 1-10-79 0820  
 12-6-79 1732 F-W

5-29-77 1351  
 5-30-78 0700  
 1-26-79 0910 C/S-F/S

GORDON  
NAME

So. MAPLE  
NAME

- SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ← eeee OUT OF CONTROL
- ←↙ LEFT TURN
- ↑ RIGHT ANGLE

WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION GORDON DR AND So. MAPLE  
 PERIOD 4 YEARS : FROM 1976 TO 1979

# VEHICLE VOLUME COUNT

## FLOW DIAGRAM

INTERSECTION Garden Dr. \* So. Maple

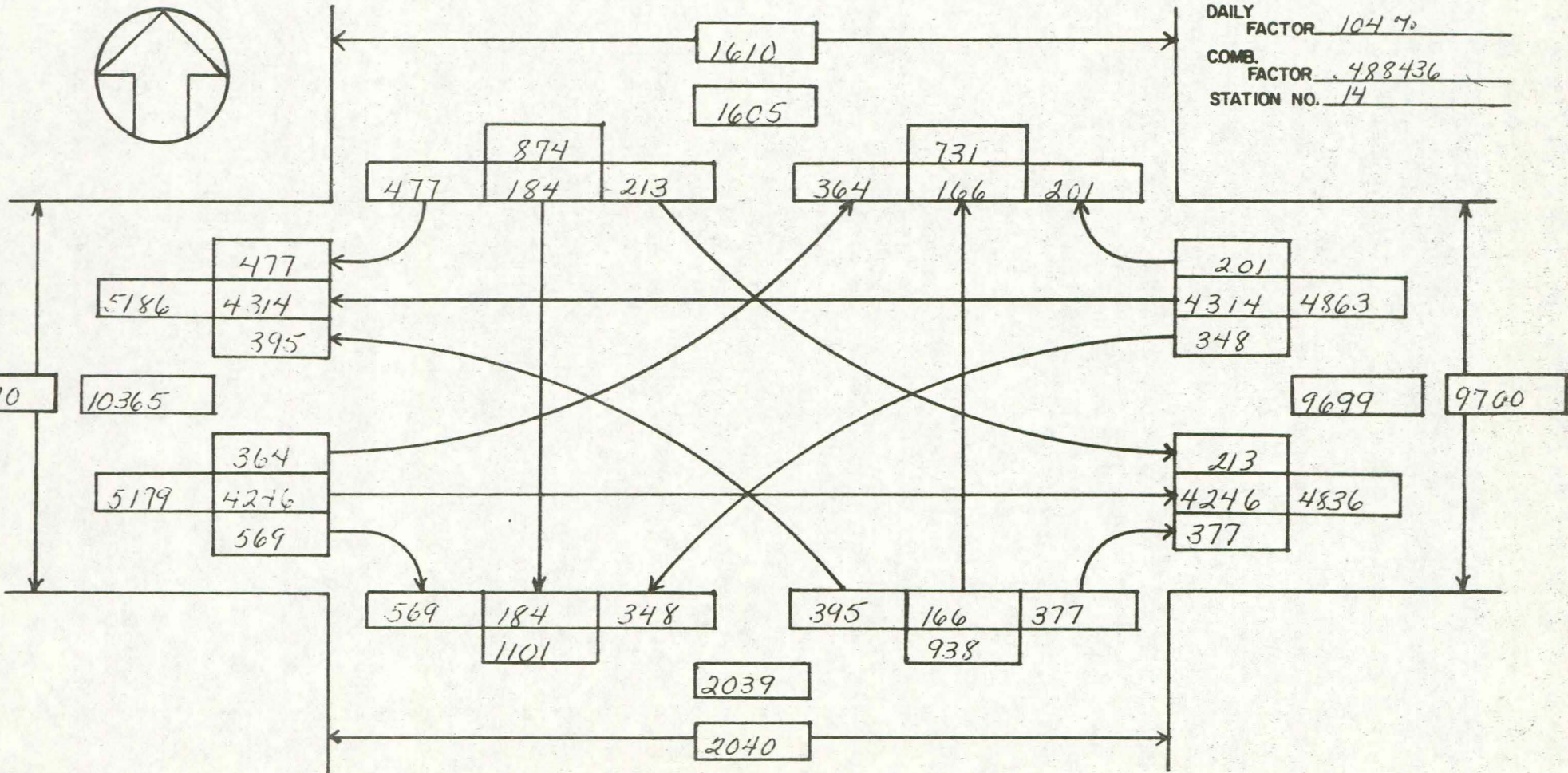
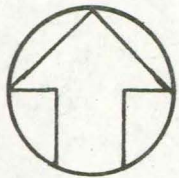
DATE 7-25-79

DAY Wednesday WEATHER —

HOURS COUNTED 7:13am - 1:4pm

HOURS SHOWN 24 Hrs factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 46.5%  
 MONTHLY FACTOR 101%  
 DAILY FACTOR 104%  
 COMB. FACTOR .488436  
 STATION NO. 14



## Accident Summary

FLOYD & OUTER DR.

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 3                          | Sideswipe             | 0                          |
| 10:00 a.m. - 2:00 p.m. | 5                          | Rear End              | 9                          |
| 2:00 p.m. - 6:00 p.m.  | 10                         | Right Angle           | 8                          |
| 6:00 p.m. - 10:00 p.m. | 0                          | Left Turn             | 0                          |
| 10:00 p.m. - 2:00 a.m. | 2                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>1</u>                   | Other                 | <u>6</u>                   |
| <b>Totals</b>          | <b>21</b>                  | <b>Totals</b>         | <b>23</b>                  |

| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 11                         | North ( Southbound )         | 17                        |
| Spring ( March - May ) | 1                          | South ( Northbound )         | 10                        |
| Summer ( June - Aug. ) | 5                          | East ( Westbound )           | 0                         |
| Fall ( Sept. - Nov. )  | <u>6</u>                   | West ( Eastbound )           | <u>19</u>                 |
| <b>Totals</b>          | <b>23</b>                  | <b>Totals</b>                | <b>46</b>                 |

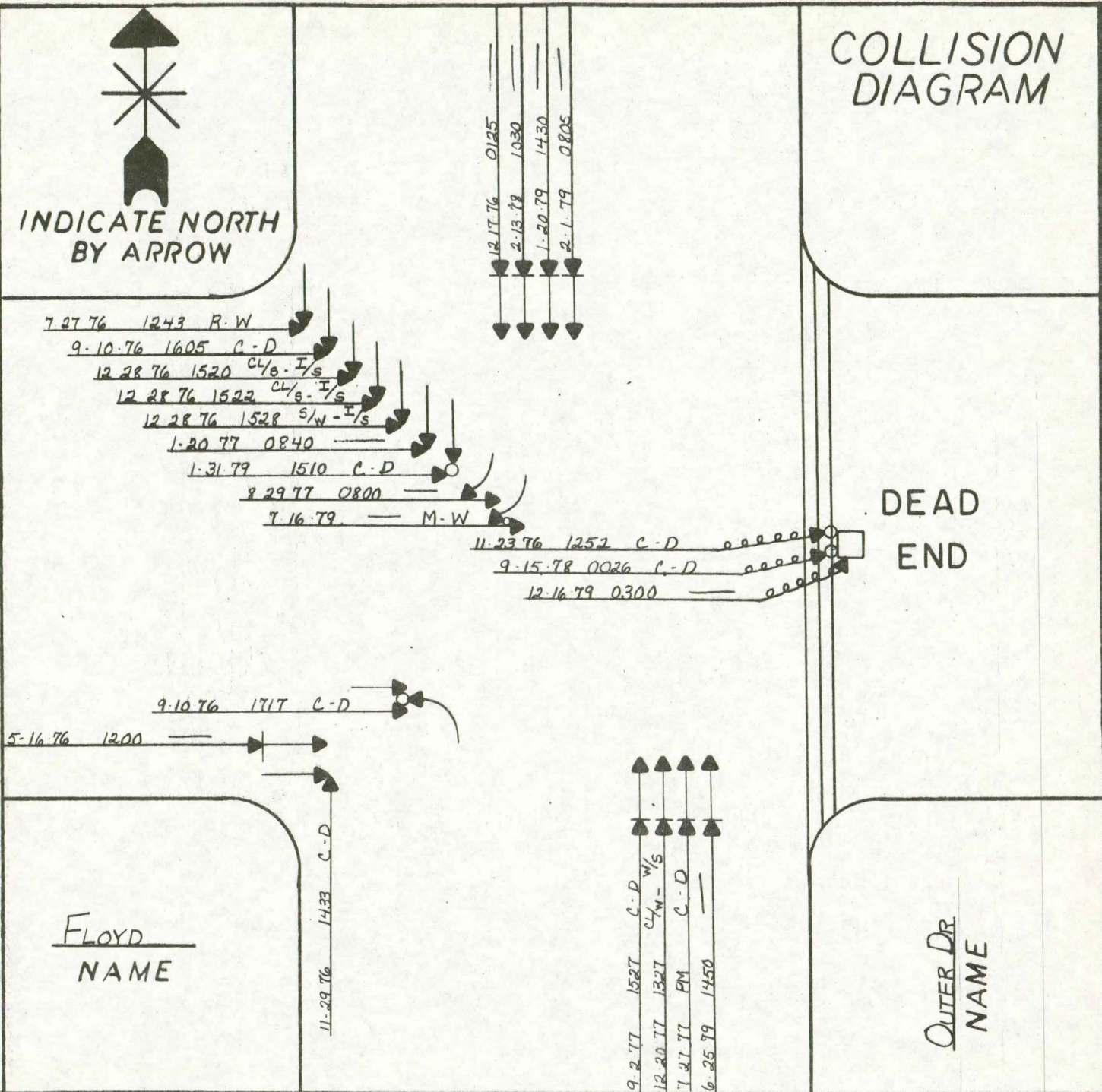
  

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 8                          | 1976                   | 3.5            |
| Icy                       | 3                          | 1977                   | 0              |
| Wet                       | <u>3</u>                   | 1978                   | 4              |
| <b>Totals</b>             | <b>14</b>                  | 1979                   | <u>3.5</u>     |
|                           |                            | <b>4 year Average</b>  | <b>3.7</b>     |



INDICATE NORTH BY ARROW

# COLLISION DIAGRAM



FLOYD  
NAME

OUTER DR  
NAME

- SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←←← OUT OF CONTROL
- ←↙ LEFT TURN
- ↑ RIGHT ANGLE

WEATHER ROAD CONDITIONS

- |            |                   |
|------------|-------------------|
| C-CLEAR    | D-DRY             |
| CL-CLOUDY  | W-WET             |
| R-RAIN     | S-SNOW            |
| S-SNOW     | I-ICE             |
| SL-SLEET   | SL-SLUSH          |
| F-FOG      | M-MUD             |
| M-MIST     | O-OTHER (SPECIFY) |
| W-HIGHWIND |                   |

INTERSECTION FLOYD BLVD AND OUTER DR NORTH  
 PERIOD 4 YEARS : FROM 1976 TO 1979

# VEHICLE VOLUME COUNT

## FLOW DIAGRAM

INTERSECTION Floyd Blvd - Outer Dr.

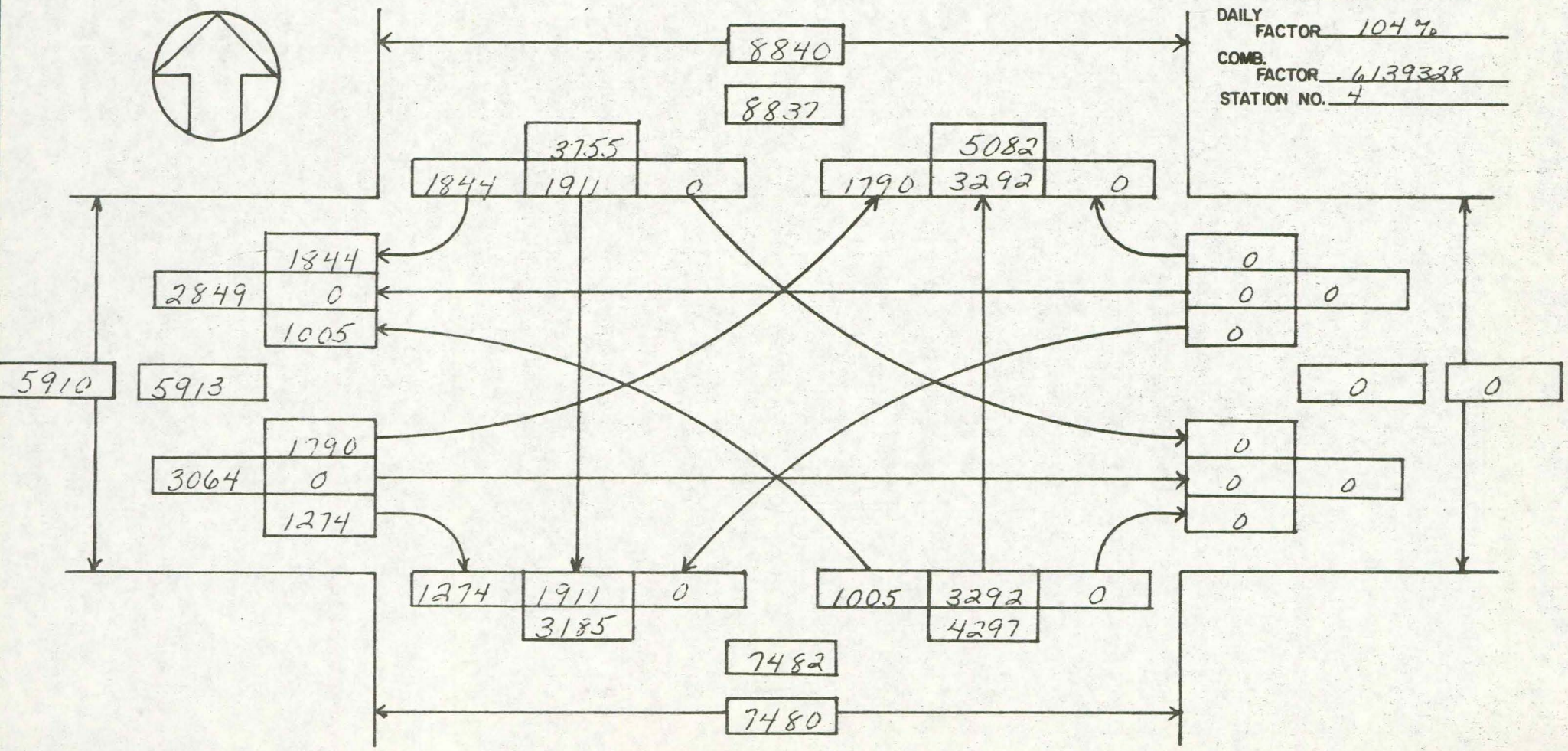
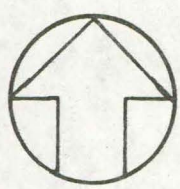
DATE 6 20 79

DAY Wednesday WEATHER windy - cool

HOURS COUNTED 7:12 am - 1:16 pm

HOURS SHOWN 24 hrs factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 62.8%  
 MONTHLY FACTOR 94%  
 DAILY FACTOR 104%  
 COMB. FACTOR .6139328  
 STATION NO. 4





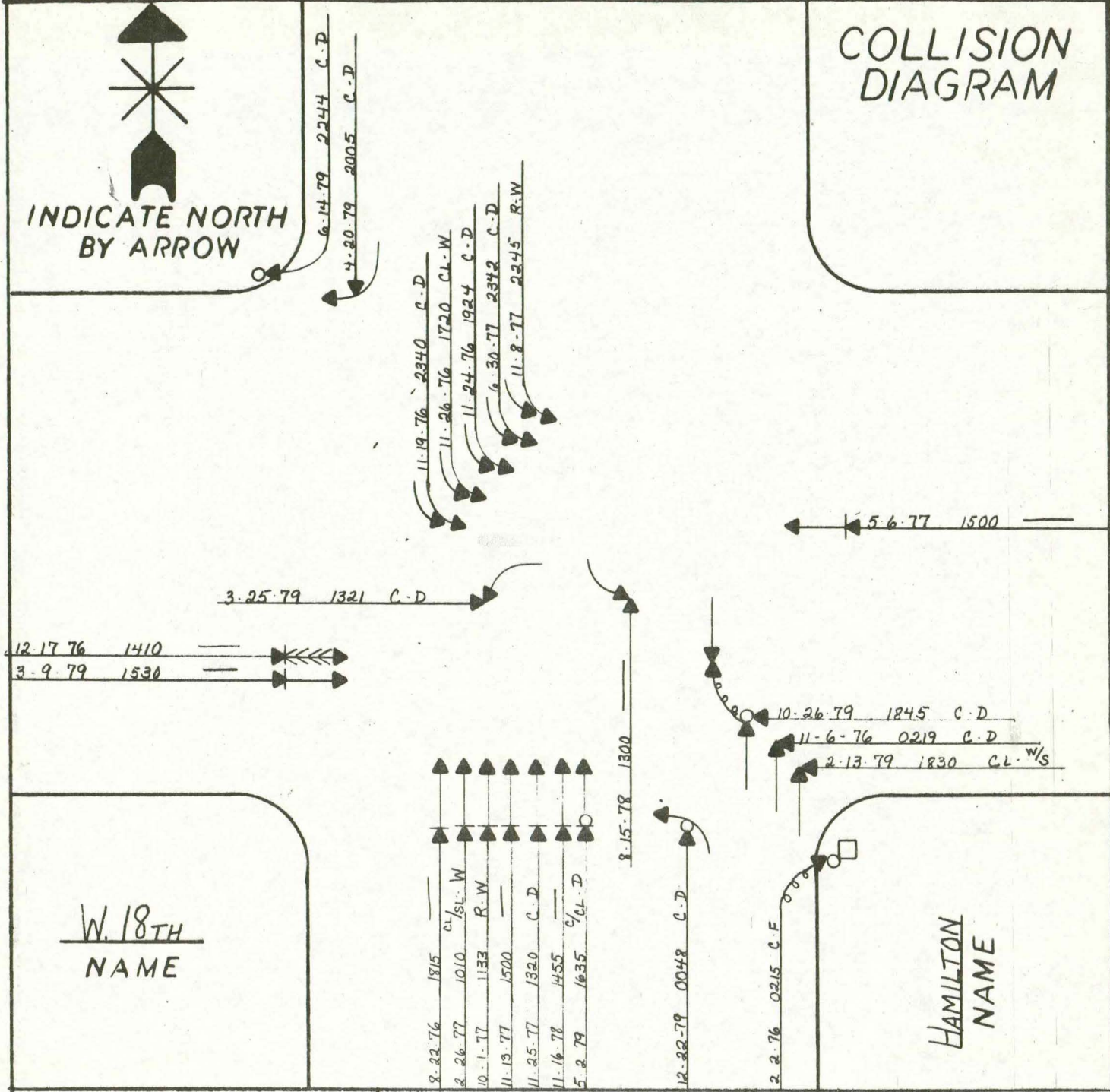
### Accident Summary

W. 18TH & HAMILTON BLVD.

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">5</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">7</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">5</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">5</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>2</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>24</b></td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 0  | 10:00 a.m. - 2:00 p.m. | 5 | 2:00 p.m. - 6:00 p.m.  | 7        | 6:00 p.m. - 10:00 p.m. | 5         | 10:00 p.m. - 2:00 a.m.   | 5                      | 2:00 a.m. - 6:00 a.m.  | <u>2</u>                     | <b>Totals</b>             | <b>24</b>            | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">10</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>9</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>24</b></td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0          | Rear End              | 10         | Right Angle   | 3         | Left Turn | 2 | Pedestrian | 0 | Other | <u>9</u> | <b>Totals</b> | <b>24</b> |
|---|----------------------------|----------------------------|------------------------|----|------------------------|---|------------------------|----------|------------------------|-----------|--|------------------------|--|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|------------|-----------------------|------------|---------------|-----------|-----------|---|------------|---|-------|----------|---------------|-----------|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| 6:00 a.m. - 10:00 a.m.  | 0                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| 10:00 a.m. - 2:00 p.m.  | 5                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| 2:00 p.m. - 6:00 p.m.   | 7                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| 6:00 p.m. - 10:00 p.m.  | 5                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| 10:00 p.m. - 2:00 a.m.  | 5                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| 2:00 a.m. - 6:00 a.m.   | <u>2</u>                   |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| <b>Totals</b>   | <b>24</b>                  |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| <u>Accidents Type</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| Sideswipe   | 0                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| Rear End  | 10                         |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| Right Angle   | 3                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| Left Turn   | 2                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| Pedestrian  | 0                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| Other   | <u>9</u>                   |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| <b>Totals</b>   | <b>24</b>                  |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">4</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;"><u>10</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>24</b></td> </tr> </tbody> </table>  | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb. ) | 5  | Spring ( March - May ) | 4 | Summer ( June - Aug. ) | 5        | Fall ( Sept. - Nov. )  | <u>10</u> | <b>Totals</b>  | <b>24</b>              | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">15</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">21</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">6</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>5</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>47</b></td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 15  | South ( Northbound )  | 21                         | East ( Westbound ) | 6          | West ( Eastbound )    | <u>5</u>   | <b>Totals</b> | <b>47</b> |           |   |            |   |       |          |               |           |
| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| Winter ( Dec. - Feb. )  | 5                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| Spring ( March - May )  | 4                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| Summer ( June - Aug. )  | 5                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| Fall ( Sept. - Nov. )   | <u>10</u>                  |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| <b>Totals</b>   | <b>24</b>                  |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| North ( Southbound )  | 15                         |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| South ( Northbound )  | 21                         |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| East ( Westbound )  | 6                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| West ( Eastbound )  | <u>5</u>                   |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| <b>Totals</b>   | <b>47</b>                  |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">11</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>5</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>16</b></td> </tr> </tbody> </table>  | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 11 | Icy                    | 0 | Wet                    | <u>5</u> | <b>Totals</b>          | <b>16</b> | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">3</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>3.6</u></td> </tr> <tr> <td><b>4 year Average</b></td> <td style="text-align: center;"><b>3.3</b></td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>   | 1976                         | 3                         | 1977                 | 0   | 1978                  | 0                          | 1979               | <u>3.6</u> | <b>4 year Average</b> | <b>3.3</b> |               |           |           |   |            |   |       |          |               |           |
| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| Dry   | 11                         |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| Icy   | 0                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| Wet   | <u>5</u>                   |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| <b>Totals</b>   | <b>16</b>                  |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| 1976  | 3                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| 1977  | 0                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| 1978  | 0                          |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| 1979  | <u>3.6</u>                 |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |
| <b>4 year Average</b>   | <b>3.3</b>                 |                            |                        |    |                        |   |                        |          |                        |           |  |                        |  |                              |                           |                      |   |                       |                            |                    |            |                       |            |               |           |           |   |            |   |       |          |               |           |

# COLLISION DIAGRAM

INDICATE NORTH BY ARROW



W. 18TH  
NAME

HAMILTON  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ◻ PARKED VEHICLE
- ◻ FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←~~~~ OUT OF CONTROL
- ←↙ LEFT TURN
- ↗ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION W. 18TH AND HAMILTON  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION N. 18th + Hamilton Blvd

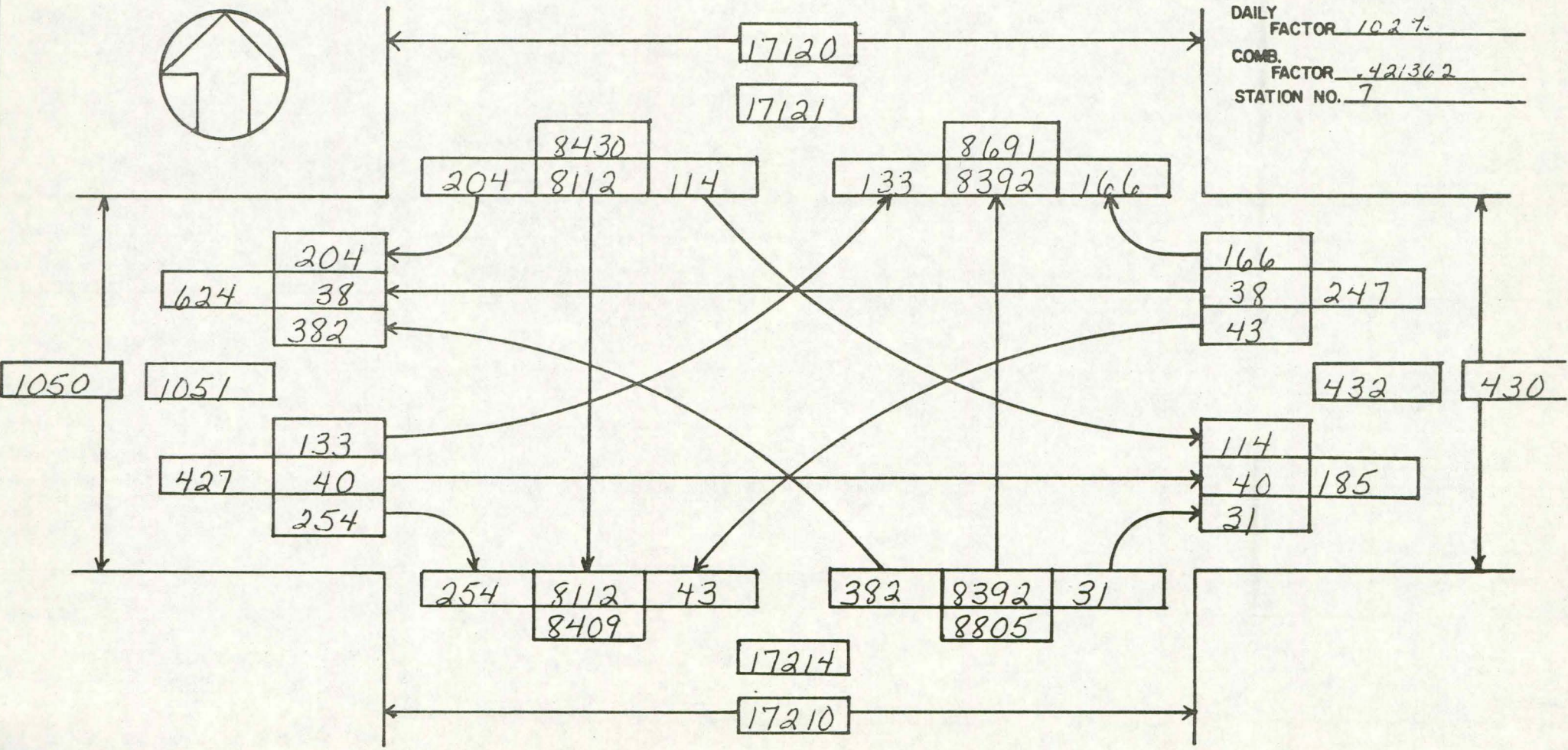
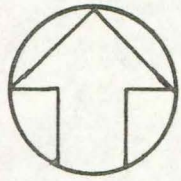
DATE 11-4-80

DAY Tuesday WEATHER warm, partly cloudy

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs. factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 40.5%  
 MONTHLY FACTOR 102%  
 DAILY FACTOR 102%  
 COMB. FACTOR .421362  
 STATION NO. 7



## Accident Summary

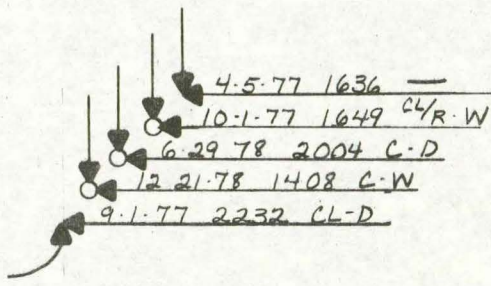
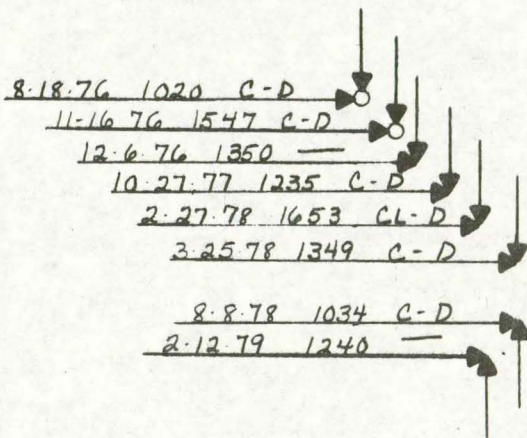
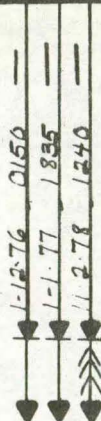
W. 14TH & CENTER

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">7</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">5</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">16</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 0 | 10:00 a.m. - 2:00 p.m. | 7 | 2:00 p.m. - 6:00 p.m.  | 5        | 6:00 p.m. - 10:00 p.m. | 2        | 10:00 p.m. - 2:00 a.m.   | 2                      | 2:00 a.m. - 6:00 a.m.  | <u>0</u>                     | <b>Totals</b>             | 16                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">12</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">16</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0        | Rear End           | 3        | Right Angle   | 12 | Left Turn | 1 | Pedestrian | 0 | Other | <u>0</u> | <b>Totals</b> | 16 |
|--|----------------------------|----------------------------|------------------------|---|------------------------|---|------------------------|----------|------------------------|----------|--|------------------------|--|------------------------------|---------------------------|----------------------|--|-----------------------|----------------------------|--------------------|----------|--------------------|----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.   | 7                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.  | 5                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.   | 2                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.   | 2                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 16                         |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Sideswipe  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Rear End   | 3                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Right Angle  | 12                         |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Left Turn  | 1                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Pedestrian   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Other  | <u>0</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 16                         |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
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| <u>Time of Year</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb. )   | 6                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May )   | 3                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug. )   | 2                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov. )  | <u>5</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 16                         |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>   | <u>Number of Vehicles</u>  |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )   | 16                         |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )   | 2                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )   | 5                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )   | <u>9</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 32                         |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
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| <u>Pavement Condition</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Dry  | 8                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Icy  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Wet  | <u>2</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 10                         |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>   | <u>Average</u>             |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 1976   | 3.5                        |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 1977   | 4                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 1978   | 2.8                        |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 1979   | <u>0</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 4 year Average   | 3.4                        |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM



W. 14TH  
NAME

CENTER  
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## - SYMBOLS -

- MOVING VEHICLE
- BACKING VEHICLE
- NON-INV. VEHICLE
- PEDESTRIAN
- PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- REAR END
- HEAD ON
- SIDE SWIPE
- OUT OF CONTROL
- LEFT TURN
- RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION W. 14TH AND CENTER  
PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION W. 14th + Center Sts.

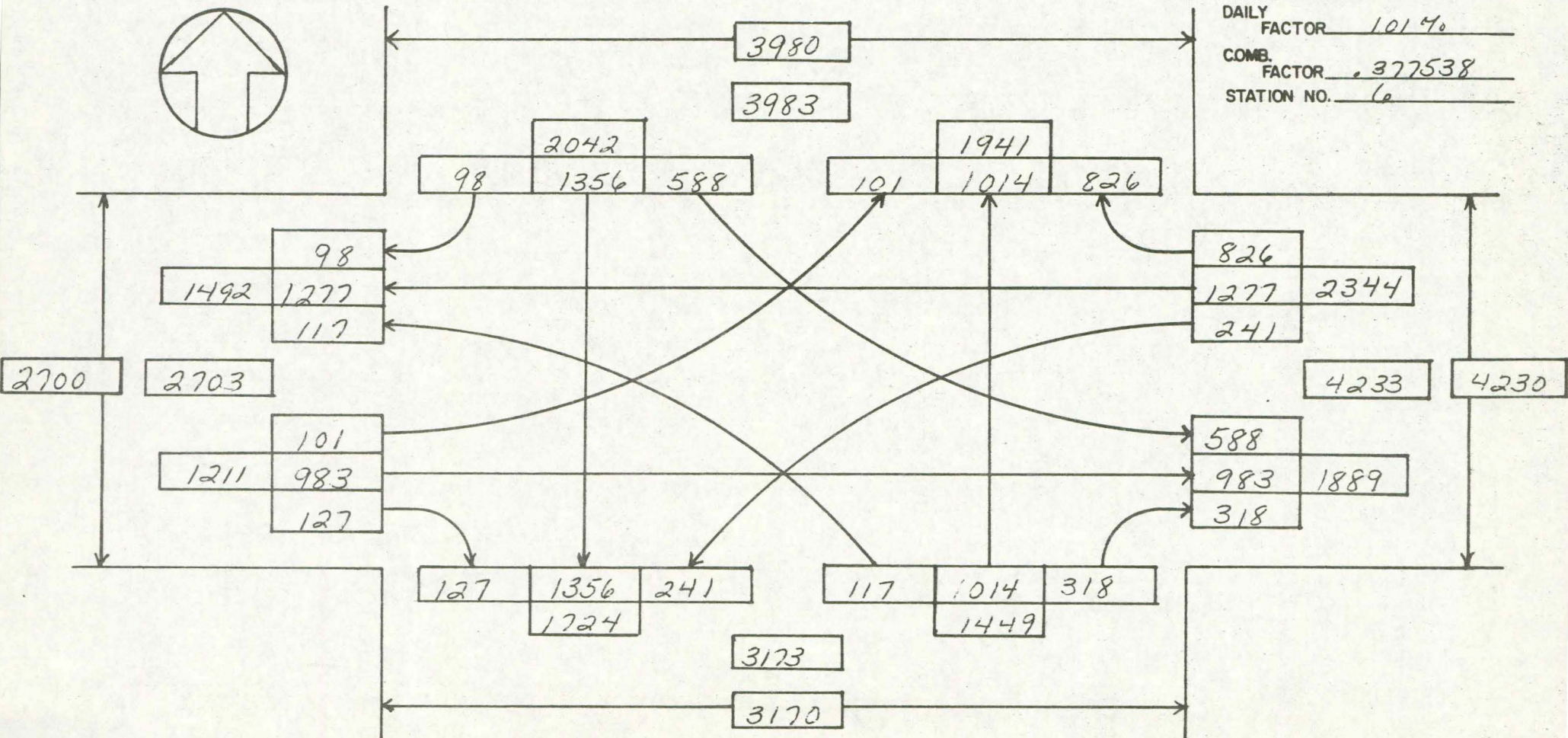
DATE 7-16-80

DAY Wednesday WEATHER clear-sunny

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 Hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 42%  
 MONTHLY FACTOR 89%  
 DAILY FACTOR 101%  
 COMB. FACTOR .377538  
 STATION NO. 6



## Accident Summary

5TH & PEARL

| <u>Time of Day</u>     | <u>Number of<br/>Accidents</u> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| 6:00 a.m. - 10:00 a.m. | 2                              | Sideswipe             | 0                              |
| 10:00 a.m. - 2:00 p.m. | 10                             | Rear End              | 3                              |
| 2:00 p.m. - 6:00 p.m.  | 15                             | Right Angle           | 22                             |
| 6:00 p.m. - 10:00 p.m. | 1                              | Left Turn             | 0                              |
| 10:00 p.m. - 2:00 a.m. | 1                              | Pedestrian            | 1                              |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                       | Other                 | <u>3</u>                       |
| <b>Totals</b>          | 29                             | <b>Totals</b>         | 29                             |

| <u>Time of Year</u>    | <u>Number of<br/>Accidents</u> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> |
|------------------------|--------------------------------|------------------------------|-------------------------------|
| Winter ( Dec. - Feb. ) | 11                             | North ( Southbound )         | 32                            |
| Spring ( March - May ) | 7                              | South ( Northbound )         | 1                             |
| Summer ( June - Aug. ) | 4                              | East ( Westbound )           | 2                             |
| Fall ( Sept. - Nov. )  | <u>7</u>                       | West ( Eastbound )           | <u>22</u>                     |
| <b>Totals</b>          | 29                             | <b>Totals</b>                | 57                            |

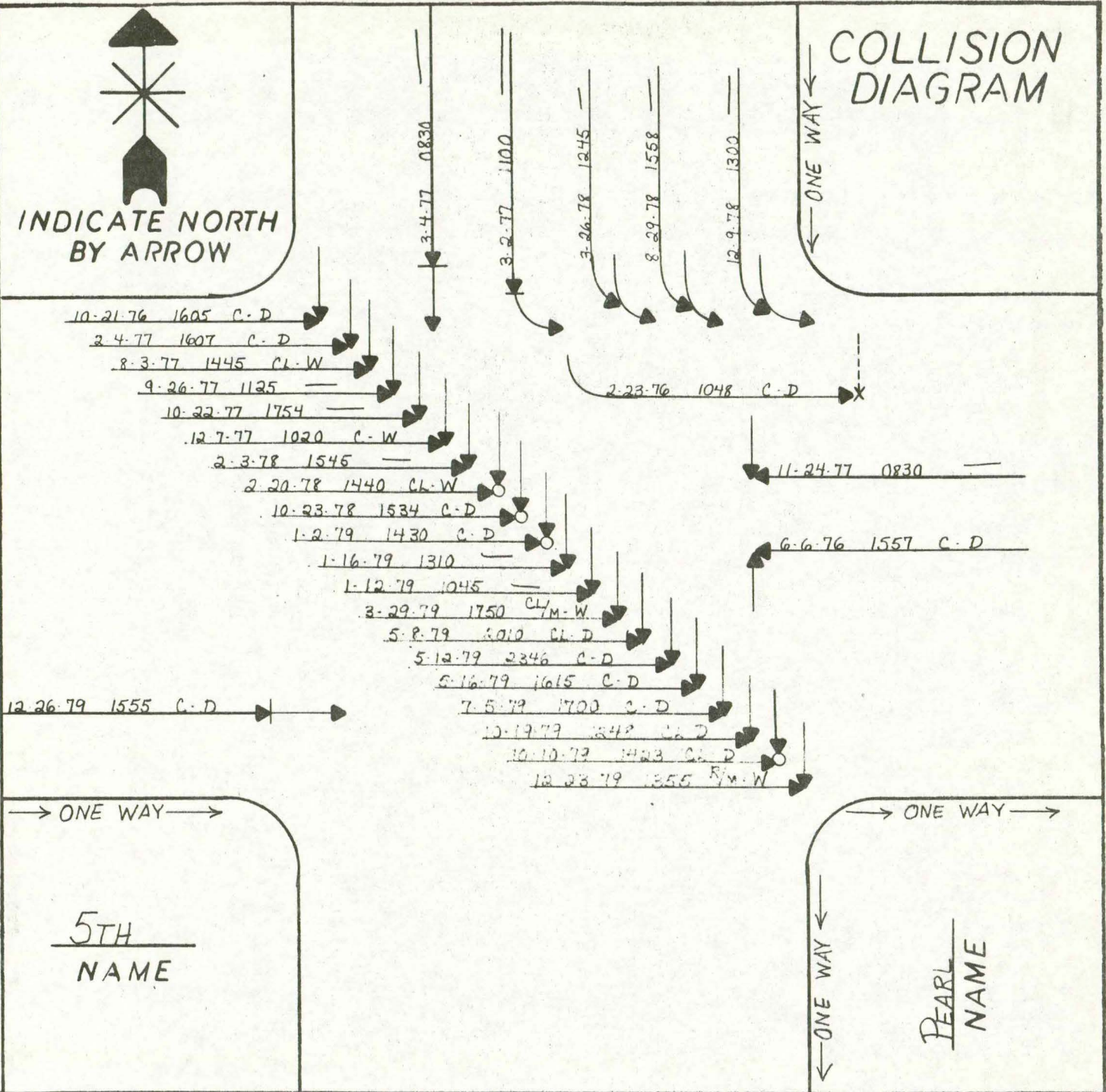
  

| <u>Pavement Condition</u> | <u>Number of<br/>Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|--------------------------------|------------------------|----------------|
| Dry                       | 13                             | 1976                   | 0              |
| Icy                       | 0                              | 1977                   | 0              |
| Wet                       | <u>4</u>                       | 1978                   | 4              |
| <b>Totals</b>             | 17                             | 1979                   | <u>3.3</u>     |
|                           |                                | 4 year Average         | 3.7            |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM



## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ←- - - NON-INV. VEHICLE
- X- - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←~ OUT OF CONTROL
- ←↙ LEFT TURN
- ↑ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 5TH AND PEARL

PERIOD 4 YEARS : FROM 1976 TO 1979



TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 5th & Pearl Sts

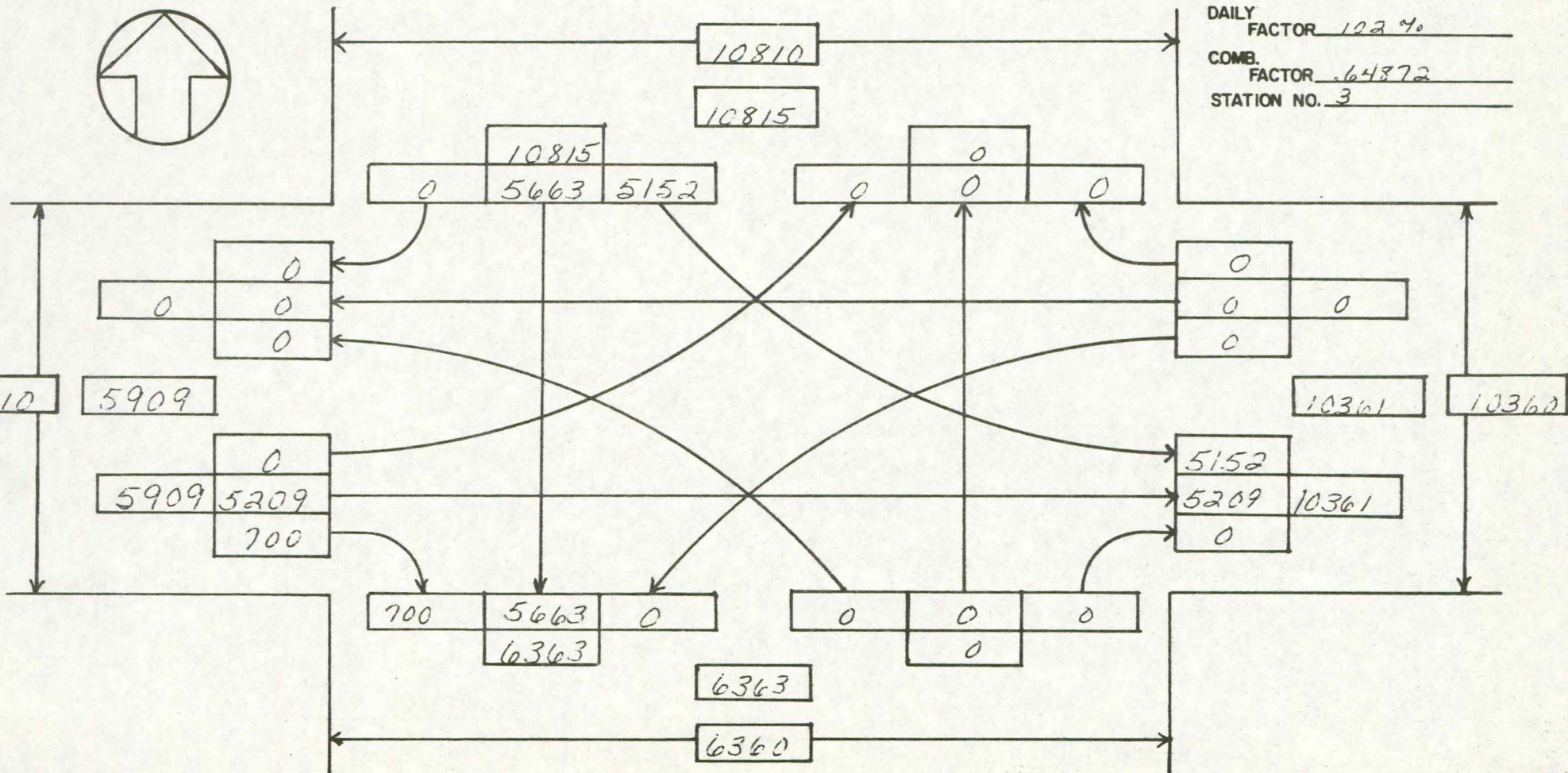
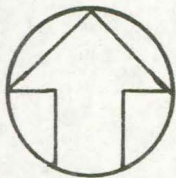
DATE 6-25-79

DAY Monday WEATHER clear

HOURS COUNTED 7-12am; 1-6pm

HOURS SHOWN 24 hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 63.6%  
 MONTHLY FACTOR 100%  
 DAILY FACTOR 122%  
 COMB. FACTOR .64872  
 STATION NO. 3



## Accident Summary

9TH & NEBRASKA

| <u>Time of Day</u>     | <u>Number of<br/>Accidents</u> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| 6:00 a.m. - 10:00 a.m. | 1                              | Sideswipe             | 1                              |
| 10:00 a.m. - 2:00 p.m. | 6                              | Rear End              | 1                              |
| 2:00 p.m. - 6:00 p.m.  | 4                              | Right Angle           | 5                              |
| 6:00 p.m. - 10:00 p.m. | 3                              | Left Turn             | 4                              |
| 10:00 p.m. - 2:00 a.m. | 1                              | Pedestrian            | 1                              |
| 2:00 a.m. - 6:00 a.m.  | <u>1</u>                       | Other                 | <u>4</u>                       |
| <b>Totals</b>          | 16                             | <b>Totals</b>         | 16                             |

| <u>Time of Year</u>    | <u>Number of<br/>Accidents</u> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> |
|------------------------|--------------------------------|------------------------------|-------------------------------|
| Winter ( Dec. - Feb. ) | 6                              | North ( Southbound )         | 0                             |
| Spring ( March - May ) | 1                              | South ( Northbound )         | 12                            |
| Summer ( June - Aug. ) | 5                              | East ( Westbound )           | 5                             |
| Fall ( Sept. - Nov. )  | <u>4</u>                       | West ( Eastbound )           | <u>14</u>                     |
| <b>Totals</b>          | 16                             | <b>Totals</b>                | 31                            |

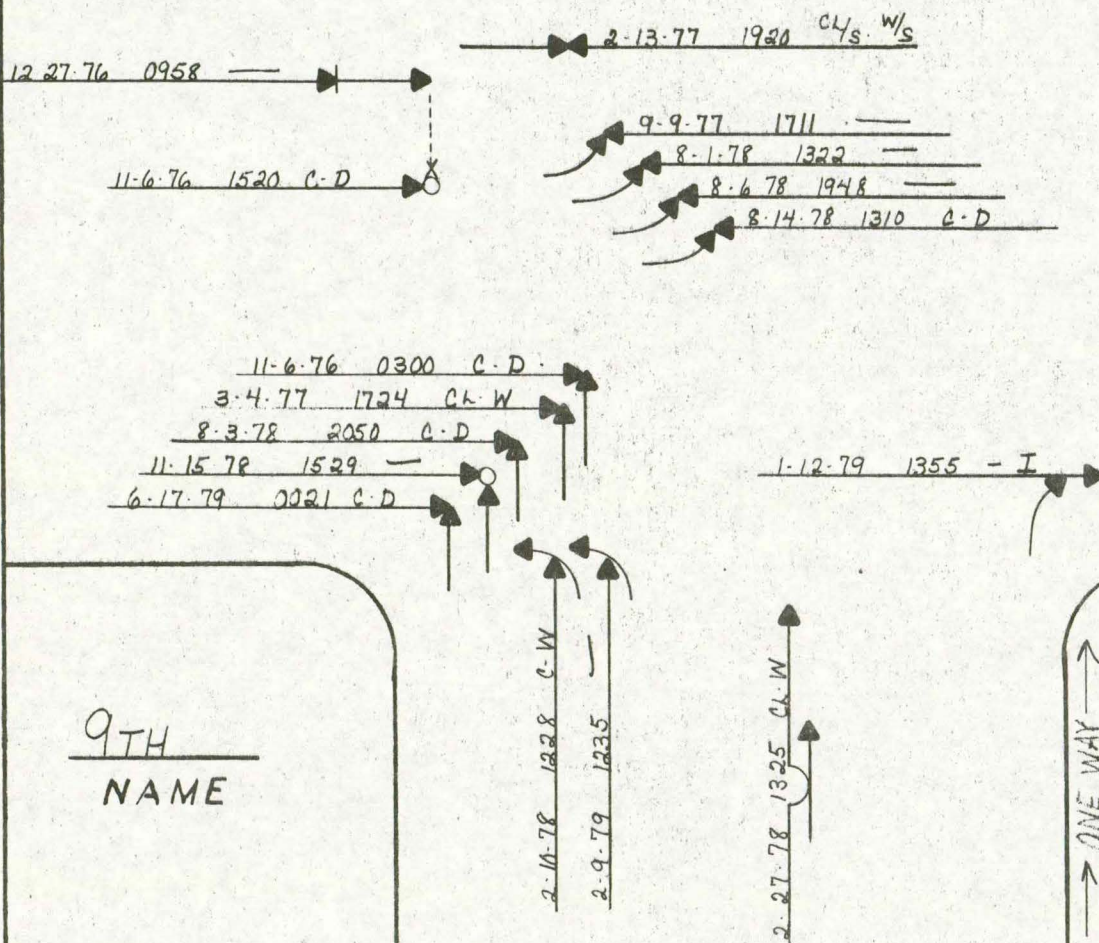
| <u>Pavement Condition</u> | <u>Number of<br/>Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|--------------------------------|------------------------|----------------|
| Dry                       | 5                              | 1976                   | 3              |
| Icy                       | 1                              | 1977                   | 0              |
| Wet                       | <u>4</u>                       | 1978                   | 3              |
| <b>Totals</b>             | 10                             | 1979                   | <u>0</u>       |
|                           |                                | 4 year Average         | 3              |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM

ONE WAY  
↑



## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←\* REAR END
- ←> HEAD ON
- ←V SIDE SWIPE
- ←eee OUT OF CONTROL
- ←> LEFT TURN
- ↑ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 9TH AND NEBRASKA  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 9th + Nebraska Sts.

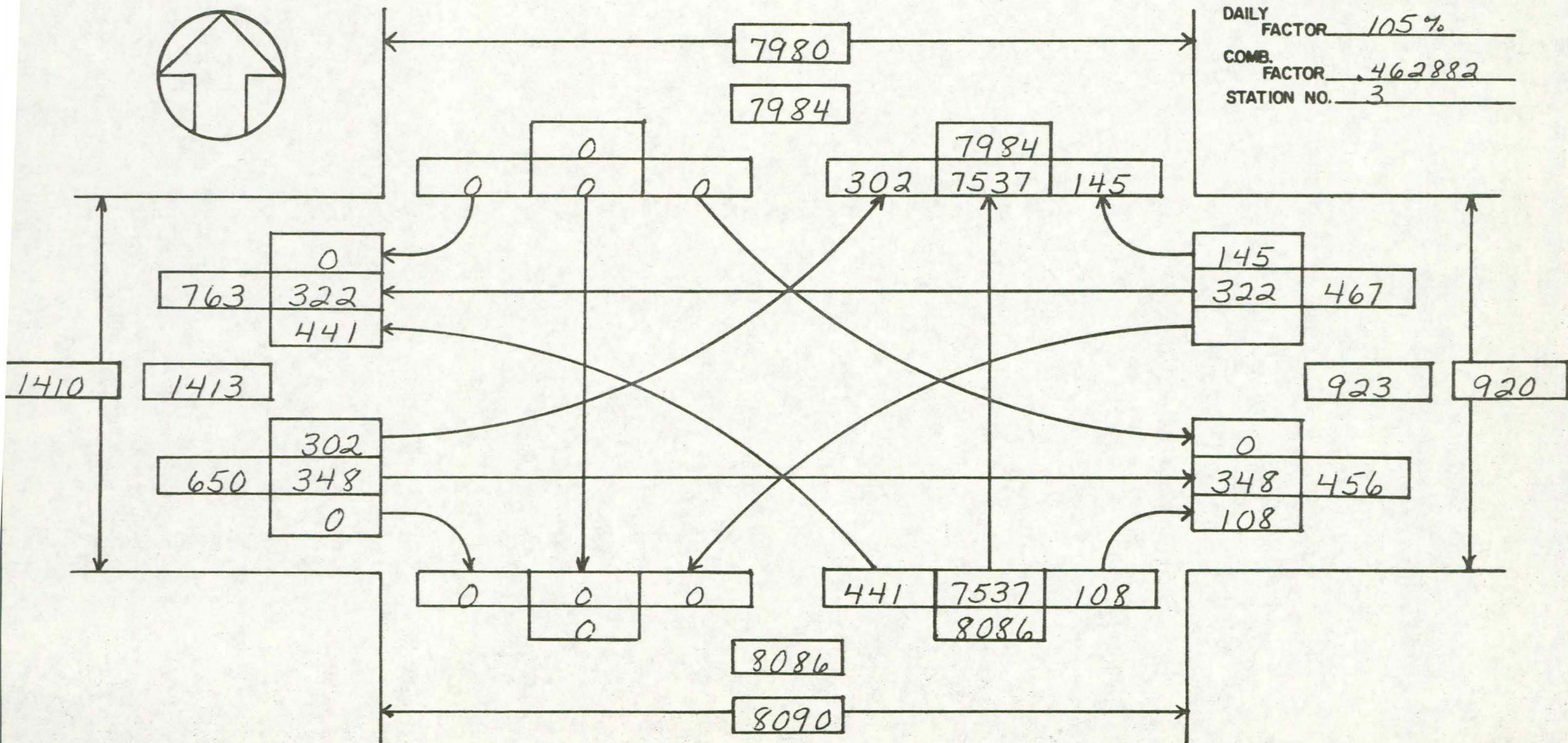
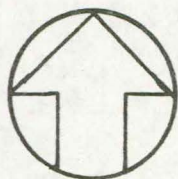
DATE 8-21-80

DAY Thursday WEATHER clear

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 42.8%  
 MONTHLY FACTOR 103%  
 DAILY FACTOR 105%  
 COMB. FACTOR 462882  
 STATION NO. 3



## Accident Summary

GORDON & LINN

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 2                          | Sideswipe             | 0                          |
| 10:00 a.m. - 2:00 p.m. | 7                          | Rear End              | 11                         |
| 2:00 p.m. - 6:00 p.m.  | 6                          | Right Angle           | 3                          |
| 6:00 p.m. - 10:00 p.m. | 5                          | Left Turn             | 2                          |
| 10:00 p.m. - 2:00 a.m. | 0                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   | Other                 | <u>5</u>                   |
| <b>Totals</b>          | <b>20</b>                  | <b>Totals</b>         | <b>21</b>                  |

| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 4                          | North ( Southbound )         | 2                         |
| Spring ( March - May ) | 5                          | South ( Northbound )         | 1                         |
| Summer ( June - Aug. ) | 3                          | East ( Westbound )           | 29                        |
| Fall ( Sept. - Nov. )  | <u>9</u>                   | West ( Eastbound )           | <u>13</u>                 |
| <b>Totals</b>          | <b>21</b>                  | <b>Totals</b>                | <b>45</b>                 |

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 10                         | 1976                   | 3              |
| Icy                       | 1                          | 1977                   | 4              |
| Wet                       | <u>3</u>                   | 1978                   | 0              |
| <b>Totals</b>             | <b>14</b>                  | 1979                   | <u>3</u>       |
|                           |                            | <b>4 year Average</b>  | <b>3.3</b>     |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM

2-9-76 1155 C-D  
11-26-78 1820 —

10-29-76 1100 C-D  
11-30-79 1636 CL-D

3-21-79 PM CL-D

1-16-77 2026 —  
10-14-78 1718 C-D

9-28-79 1748 C-D  
2-18-76 0747 C-I  
5-21-76 2006 CL/R-W  
1-27-77 1613 —  
7-15-77 0804 —  
11-8-77 1916 —  
8-12-77 1546 C-D  
10-30-77 1304 R-D  
3-13-78 2118 —  
11-11-78 1987 R-W  
6-9-79 1308 CL/R-W

11-9-78 1315 —  
5-7-79 1543 C-D  
5-16-79 1227 C-D

GORDON  
NAME

So. LINN  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←+ REAR END
- + HEAD ON
- ←+ SIDE SWIPE
- ←+ OUT OF CONTROL
- ←+ LEFT TURN
- ↑+ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION GORDON DR AND So LINN  
PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION Gordon Dr. & So Linn

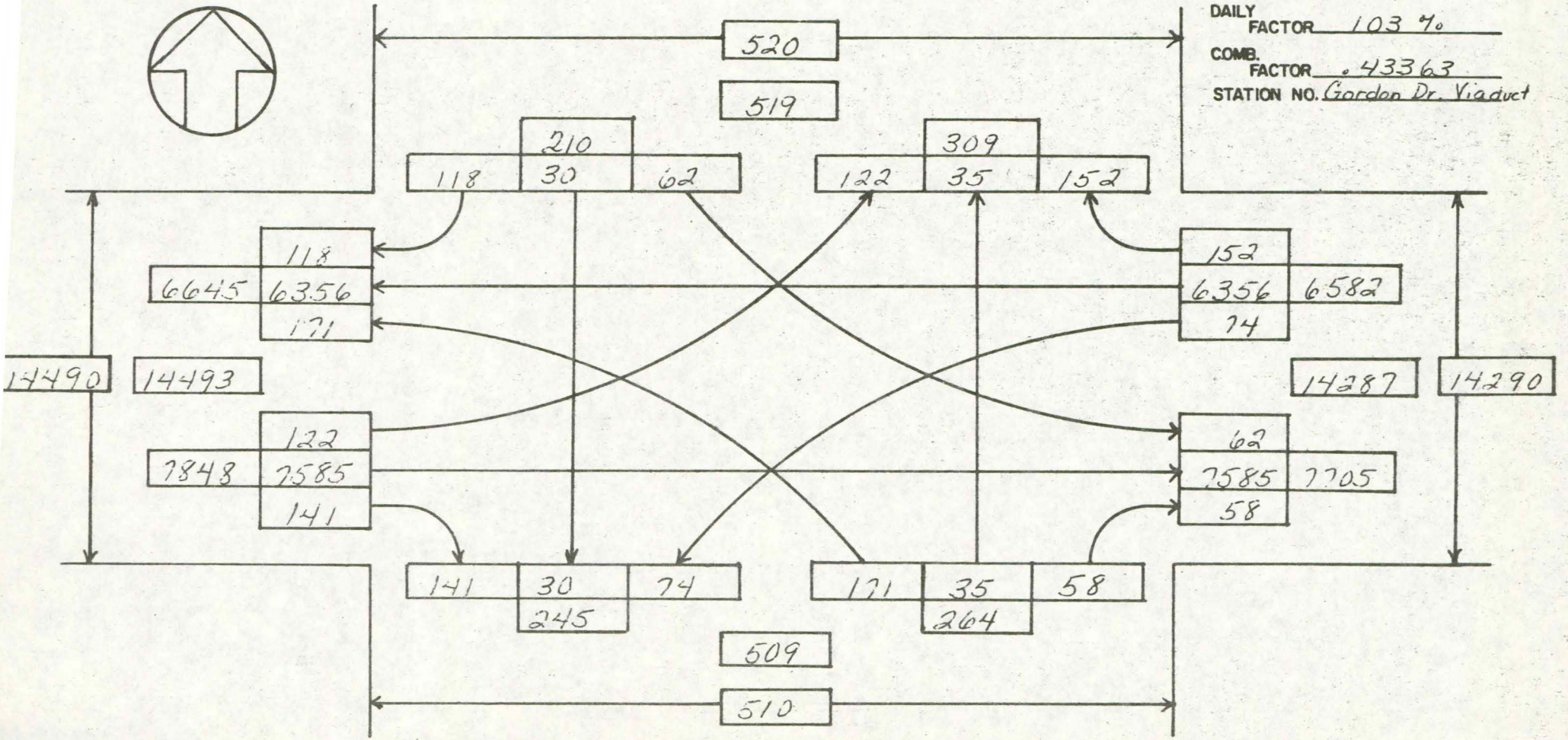
DATE 7 8 80

DAY Tuesday WEATHER partly cloudy

HOURS COUNTED 7:11am; 3:6pm

HOURS SHOWN 24 hrs factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 42.1%  
 MONTHLY FACTOR 100%  
 DAILY FACTOR 103%  
 COMB. FACTOR .43363  
 STATION NO. Gordon Dr. Viaduct



## Accident Summary

W. 19TH & MYRTLE

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 1                          | Sideswipe             | 0                          |
| 10:00 a.m. - 2:00 p.m. | 5                          | Rear End              | 5                          |
| 2:00 p.m. - 6:00 p.m.  | 5                          | Right Angle           | 6                          |
| 6:00 p.m. - 10:00 p.m. | 3                          | Left Turn             | 2                          |
| 10:00 p.m. - 2:00 a.m. | 1                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   | Other                 | <u>2</u>                   |
| <b>Totals</b>          | 15                         | <b>Totals</b>         | 15                         |

| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 6                          | North ( Southbound )         | 8                         |
| Spring ( March - May ) | 2                          | South ( Northbound )         | 2                         |
| Summer ( June - Aug. ) | 6                          | East ( Westbound )           | 7                         |
| Fall ( Sept. - Nov. )  | <u>1</u>                   | West ( Eastbound )           | <u>13</u>                 |
| <b>Totals</b>          | 15                         | <b>Totals</b>                | 30                        |

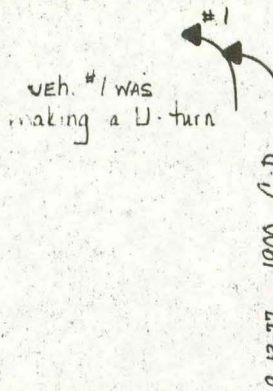
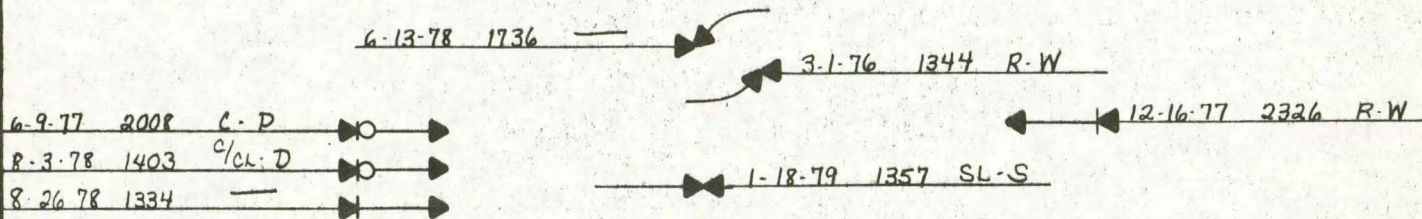
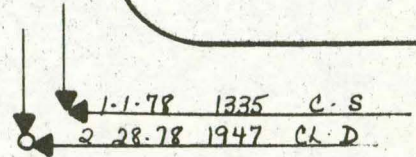
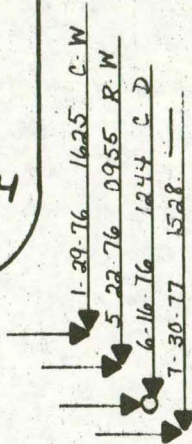
  

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 5                          | 1976                   | 3              |
| Icy                       | 0                          | 1977                   | 3              |
| Wet                       | <u>6</u>                   | 1978                   | 3              |
| <b>Totals</b>             | 11                         | 1979                   | <u>0</u>       |
|                           |                            | 4 year Average         | 3              |



# COLLISION DIAGRAM

INDICATE NORTH  
BY ARROW



W. 19TH  
NAME

MYRTLE  
NAME

## - SYMBOLS -

- MOVING VEHICLE
- BACKING VEHICLE
- NON-INV. VEHICLE
- PEDESTRIAN
- PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- REAR END
- HEAD ON
- SIDE SWIPE
- OUT OF CONTROL
- LEFT TURN
- RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION W. 19TH AND MYRTLE  
PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION W 19th + Myrtle Sts

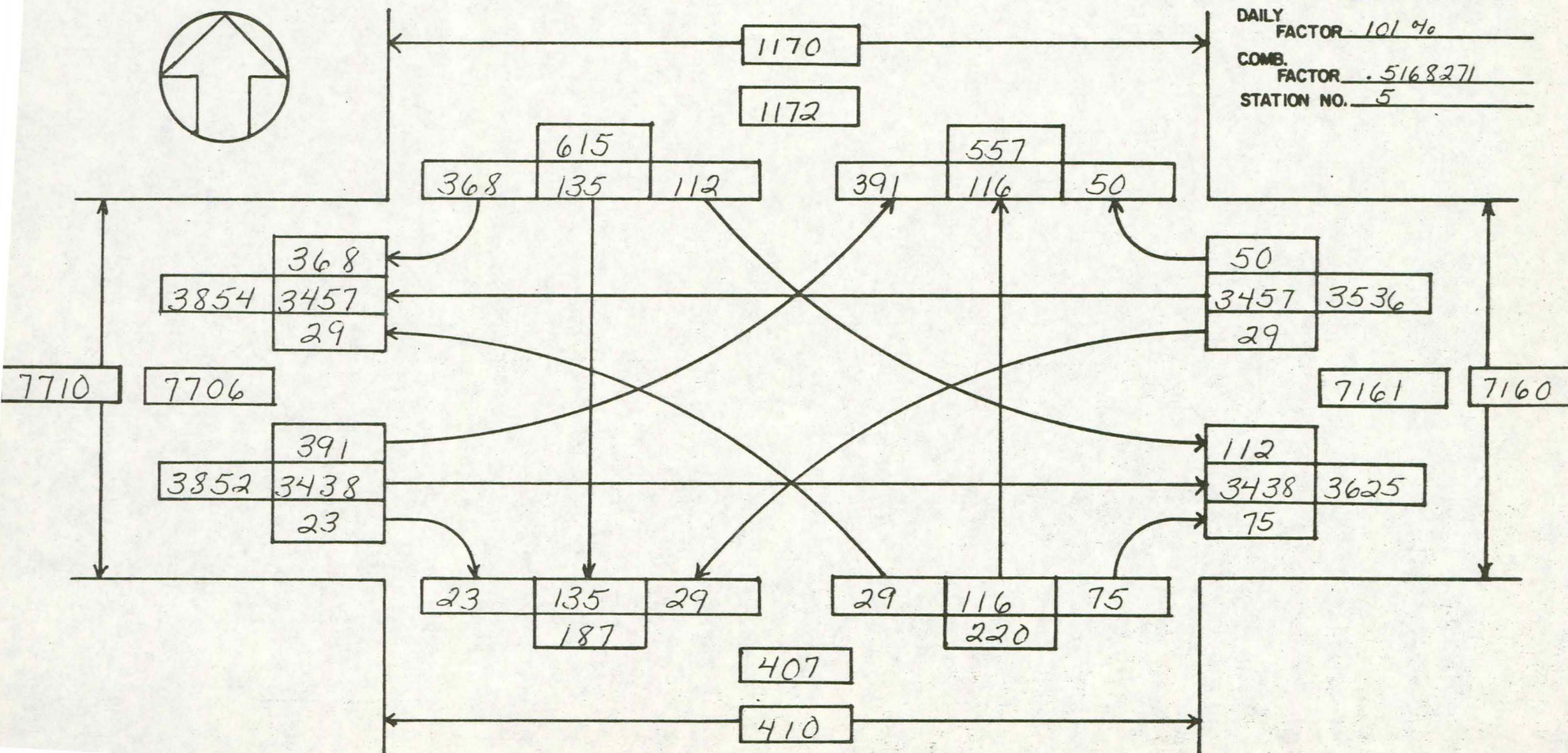
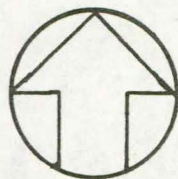
DATE 6-2-80

DAY Monday WEATHER rain (am); sunny (pm)

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 46.1%  
 MONTHLY FACTOR 111%  
 DAILY FACTOR 101%  
 COMB. FACTOR .5168271  
 STATION NO. 5



### Accident Summary

SO. LEWIS & LINCOLN WAY

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 2                          | Sideswipe             | 0                          |
| 10:00 a.m. - 2:00 p.m. | 1                          | Rear End              | 14                         |
| 2:00 p.m. - 6:00 p.m.  | 9                          | Right Angle           | 0                          |
| 6:00 p.m. - 10:00 p.m. | 3                          | Left Turn             | 0                          |
| 10:00 p.m. - 2:00 a.m. | 2                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   | Other                 | <u>3</u>                   |
| <b>Totals</b>          | 17                         | <b>Totals</b>         | 17                         |

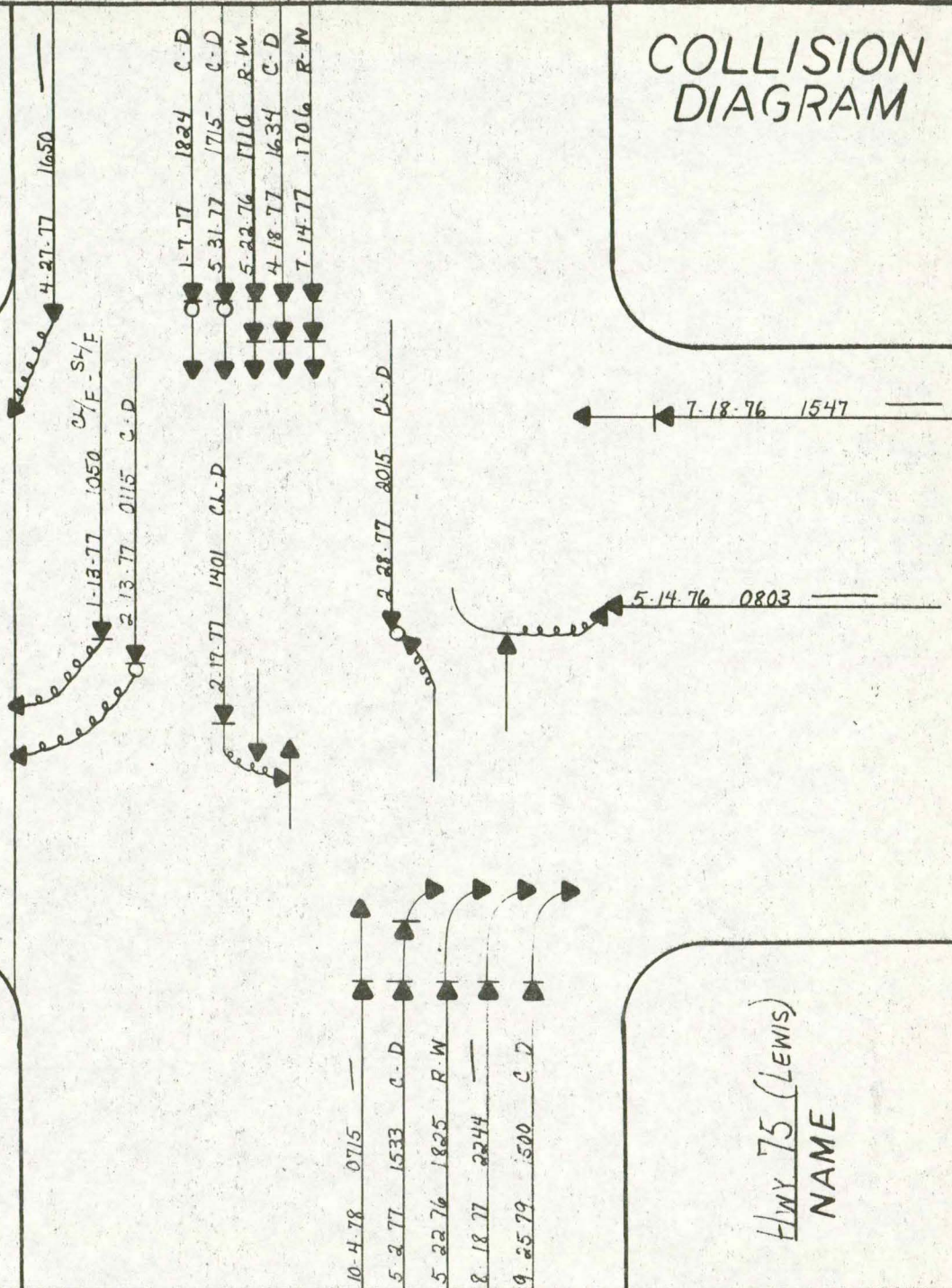
| <u>Time of Year</u>   | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|-----------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb.) | 5                          | North ( Southbound )         | 23                        |
| Spring ( March - May) | 7                          | South ( Northbound )         | 14                        |
| Summer ( June - Aug.) | 3                          | East ( Westbound )           | 3                         |
| Fall ( Sept. - Nov.)  | <u>2</u>                   | West ( Eastbound )           | <u>0</u>                  |
| <b>Totals</b>         | 17                         | <b>Totals</b>                | 40                        |

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 8                          | 1976                   | 0              |
| Icy                       | 0                          | 1977                   | 3.5            |
| Wet                       | <u>4</u>                   | 1978                   | 0              |
| <b>Totals</b>             | 12                         | 1979                   | <u>0</u>       |
|                           |                            | 4 year Average         | 3.5            |

# COLLISION DIAGRAM

INDICATE NORTH  
BY ARROW



Lincoln Way  
NAME

Hwy 75 (Lewis)  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ← \* ← REAR END
- ← → HEAD ON
- ← ↘ SIDE SWIPE
- ← ~ ~ ~ OUT OF CONTROL
- ← ↙ LEFT TURN
- ↑ ↘ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION Hwy 75 (Lewis) AND Lincoln Way  
 PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION Lewis (Hwy. 75) + Lincoln Way

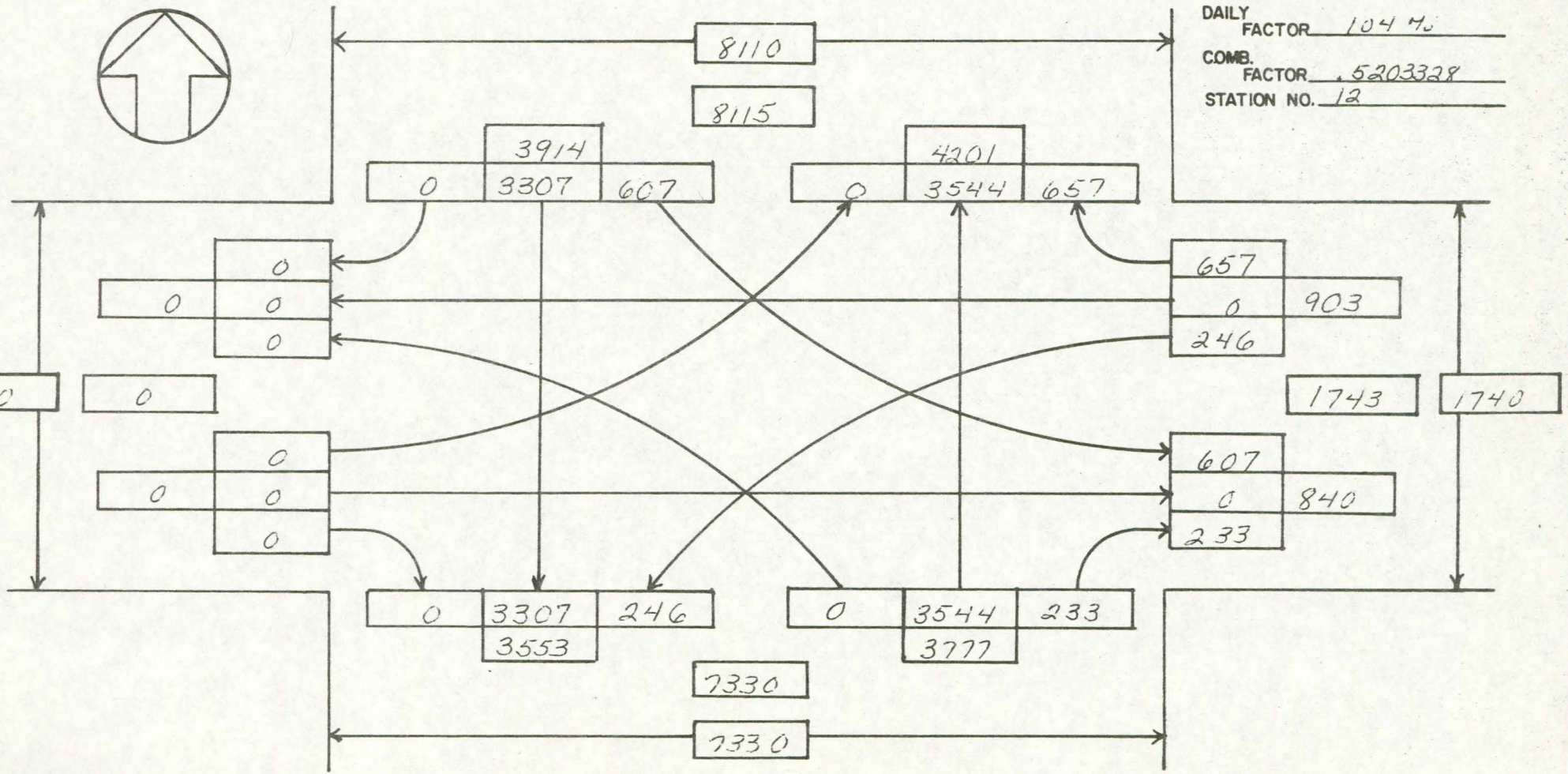
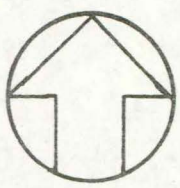
DATE 8-8-79

DAY Wednesday WEATHER clear

HOURS COUNTED 7-9am; 11-1pm; 3-6pm

HOURS SHOWN 24 hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 47.2%  
 MONTHLY FACTOR 106%  
 DAILY FACTOR 104%  
 COMB. FACTOR 5203328  
 STATION NO. 12



## Accident Summary

5TH & PIERCE

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 2                          | Sideswipe             | 0                          |
| 10:00 a.m. - 2:00 p.m. | 10                         | Rear End              | 12                         |
| 2:00 p.m. - 6:00 p.m.  | 6                          | Right Angle           | 5                          |
| 6:00 p.m. - 10:00 p.m. | 5                          | Left Turn             | 0                          |
| 10:00 p.m. - 2:00 a.m. | 4                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>1</u>                   | Other                 | <u>11</u>                  |
| Totals                 | 28                         | Totals                | 28                         |

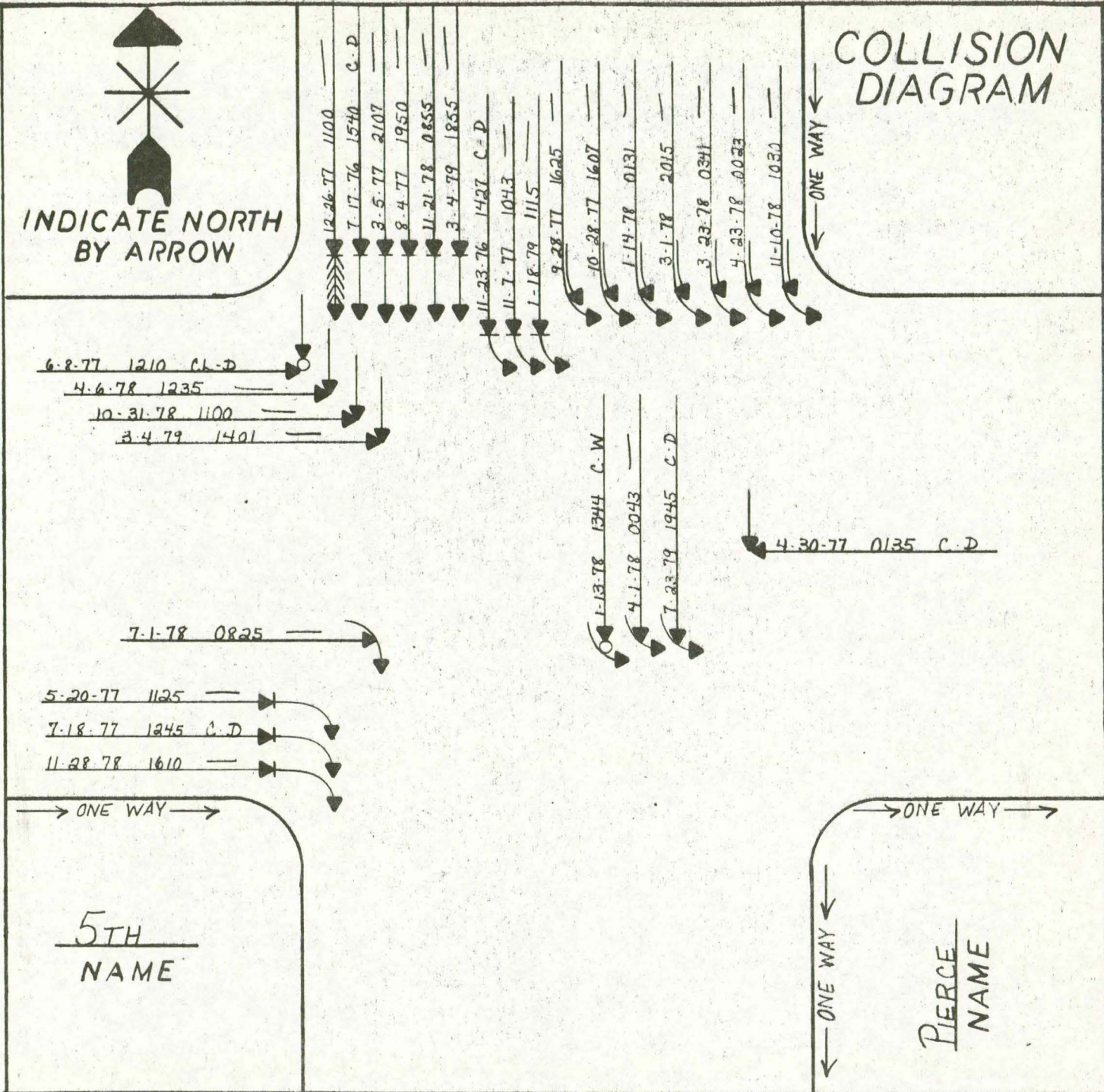
| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 4                          | North ( Southbound )         | 44                        |
| Spring ( March - May ) | 10                         | South ( Northbound )         | 0                         |
| Summer ( June - Aug. ) | 6                          | East ( Westbound )           | 1                         |
| Fall ( Sept. - Nov. )  | <u>8</u>                   | West ( Eastbound )           | <u>11</u>                 |
| Totals                 | 28                         | Totals                       | 56                        |

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 6                          | I976                   | 0              |
| Icy                       | 0                          | I977                   | 3              |
| Wet                       | <u>1</u>                   | I978                   | 4              |
| Totals                    | 7                          | I979                   | <u>0</u>       |
|                           |                            | 4 year Average         | 3.5            |

# COLLISION DIAGRAM

INDICATE NORTH BY ARROW



6-8-77 1210 CL-D  
 4-6-78 1235  
 10-31-78 1100  
 3-4-79 1401

7-1-78 0825

5-20-77 1125  
 7-18-77 1245 C-D  
 11-28-78 1610

1-13-78 1344 C-W  
 4-1-78 0043  
 7-23-79 1945 C-D

4-30-77 0135 C-D

5TH  
NAME

PIERCE  
NAME

- SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ☐ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ← wavy OUT OF CONTROL
- ←↙ LEFT TURN
- ↑ RIGHT ANGLE

WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION 5TH AND PIERCE  
 PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 5th + Pierce Sts.

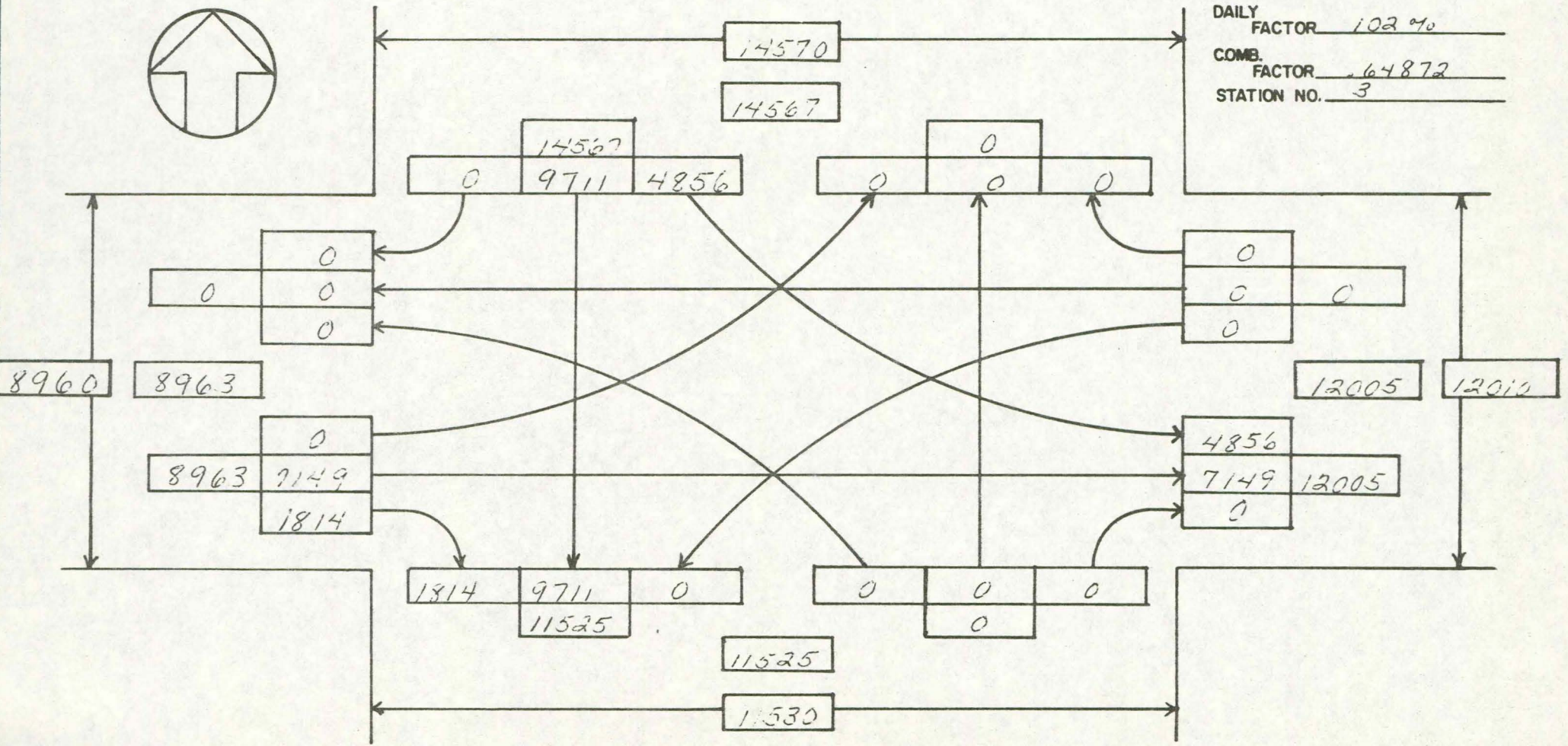
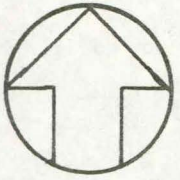
DATE 6-25-79

DAY Monday WEATHER clear

HOURS COUNTED 7-12am; 1-6pm

HOURS SHOWN 24 hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 63.6%  
 MONTHLY FACTOR 102%  
 DAILY FACTOR 102%  
 COMB. FACTOR 64.872  
 STATION NO. 3





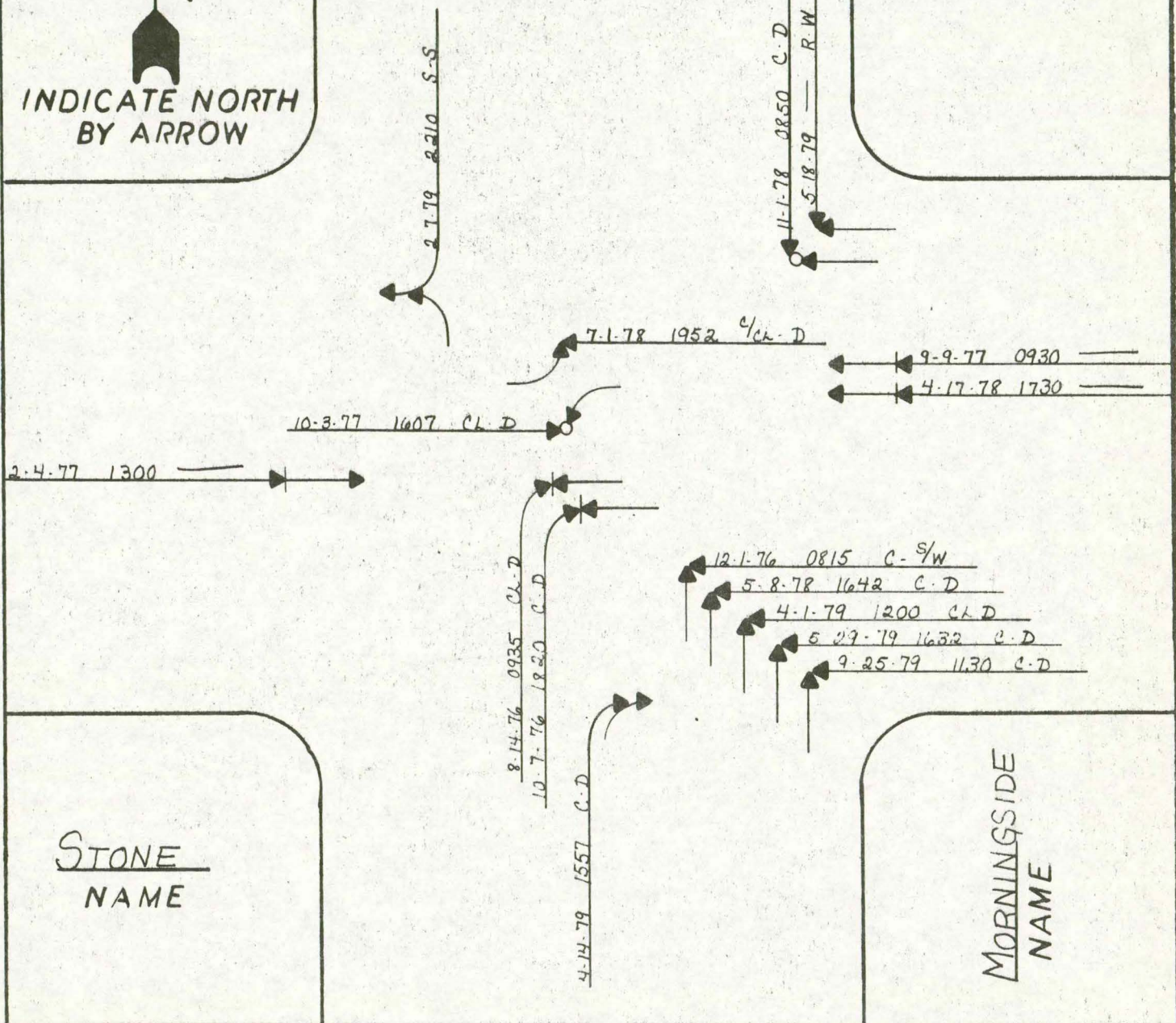
**Accident Summary**  
MORNINGSIDE & STONE

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">4</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">5</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">15</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 4  | 10:00 a.m. - 2:00 p.m. | 3 | 2:00 p.m. - 6:00 p.m.  | 5        | 6:00 p.m. - 10:00 p.m. | 3        | 10:00 p.m. - 2:00 a.m.  | 0                      | 2:00 a.m. - 6:00 a.m.   | <u>0</u>                     | <b>Totals</b>             | 15                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">7</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>4</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">16</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0        | Rear End              | 3        | Right Angle   | 7  | Left Turn | 2 | Pedestrian | 0 | Other | <u>4</u> | <b>Totals</b> | 16 |
|--|----------------------------|----------------------------|------------------------|----|------------------------|---|------------------------|----------|------------------------|----------|---|------------------------|---|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|----------|-----------------------|----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.   | 4                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.   | 3                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.  | 5                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.   | 3                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.   | 0                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 15                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Sideswipe  | 0                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Rear End   | 3                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Right Angle  | 7                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Left Turn  | 2                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Pedestrian   | 0                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Other  | <u>4</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 16                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">6</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;"><u>5</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">16</td> </tr> </tbody> </table>   | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb. ) | 3  | Spring ( March - May ) | 6 | Summer ( June - Aug. ) | 2        | Fall ( Sept. - Nov. )  | <u>5</u> | <b>Totals</b>   | 16                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">3</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">11</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">15</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>4</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">33</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 3   | South ( Northbound )  | 11                         | East ( Westbound ) | 15       | West ( Eastbound )    | <u>4</u> | <b>Totals</b> | 33 |           |   |            |   |       |          |               |    |
| <u>Time of Year</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb. )   | 3                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May )   | 6                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug. )   | 2                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov. )  | <u>5</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 16                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>   | <u>Number of Vehicles</u>  |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )   | 3                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )   | 11                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )   | 15                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )   | <u>4</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 33                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">10</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>2</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">12</td> </tr> </tbody> </table>  | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 10 | Icy                    | 0 | Wet                    | <u>2</u> | <b>Totals</b>          | 12       | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">3</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">3</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td><b>4 year Average</b></td> <td style="text-align: center;">3</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>  | 1976                         | 0                         | 1977                 | 3   | 1978                  | 3                          | 1979               | <u>0</u> | <b>4 year Average</b> | 3        |               |    |           |   |            |   |       |          |               |    |
| <u>Pavement Condition</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Dry  | 10                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Icy  | 0                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Wet  | <u>2</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 12                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>   | <u>Average</u>             |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 1976   | 0                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 1977   | 3                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 1978   | 3                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 1979   | <u>0</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>4 year Average</b>  | 3                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |

# COLLISION DIAGRAM



INDICATE NORTH BY ARROW



STONE  
NAME

MORNINGSIDE  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ☐ PARKED VEHICLE
- ☐ FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←+ REAR END
- ←+ HEAD ON
- ←+ SIDE SWIPE
- ←+ OUT OF CONTROL
- ←+ LEFT TURN
- ↑+ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION MORNINGSIDE AVE. AND STONE  
 PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION Morningside Ave + Stone Ave

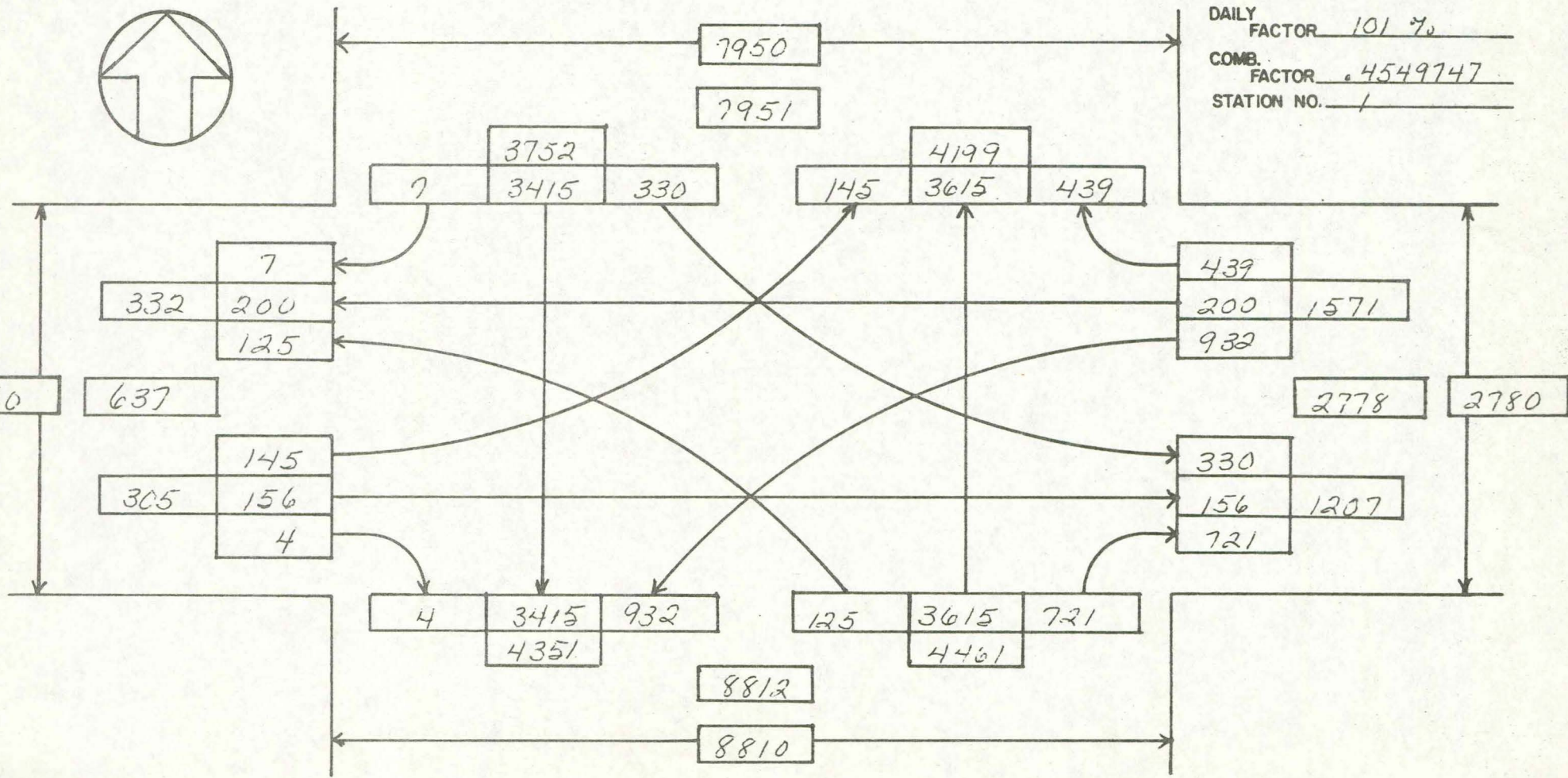
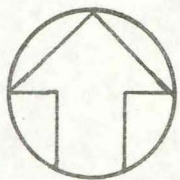
DATE 7.2.80

DAY Wednesday WEATHER cloudy

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 42.1%  
 MONTHLY FACTOR 107%  
 DAILY FACTOR 101%  
 COMB. FACTOR .4549747  
 STATION NO. 1



### Accident Summary

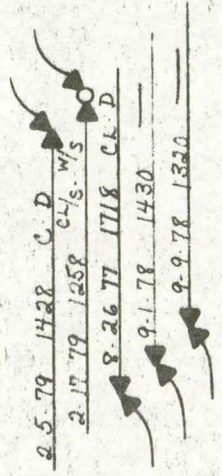
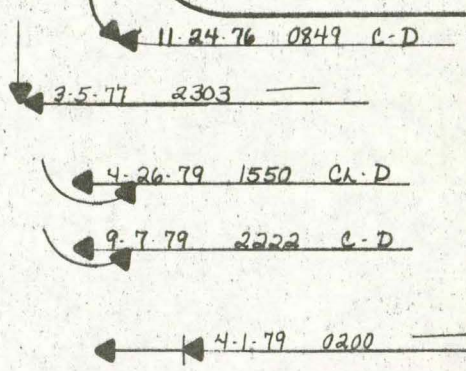
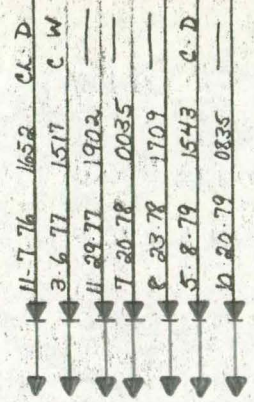
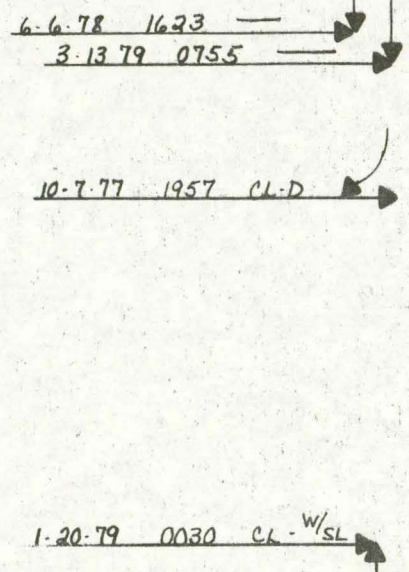
W.14TH & HAMILTON BLVD.

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">4</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">10</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">4</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>1</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">25</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 3 | 10:00 a.m. - 2:00 p.m. | 4 | 2:00 p.m. - 6:00 p.m.  | 10       | 6:00 p.m. - 10:00 p.m. | 3        | 10:00 p.m. - 2:00 a.m.   | 4                      | 2:00 a.m. - 6:00 a.m.   | <u>1</u>                     | <b>Totals</b>             | 25                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">4</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>4</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">25</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0          | Rear End           | 2        | Right Angle   | 4  | Left Turn | 5 | Pedestrian | 0 | Other | <u>4</u> | <b>Totals</b> | 25 |
|---|----------------------------|----------------------------|------------------------|---|------------------------|---|------------------------|----------|------------------------|----------|--|------------------------|---|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|------------|--------------------|----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.  | 3                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.  | 4                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.   | 10                         |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.  | 3                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.  | 4                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.   | <u>1</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 25                         |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| Sideswipe   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| Rear End  | 2                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| Right Angle   | 4                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| Left Turn   | 5                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| Pedestrian  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| Other   | <u>4</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 25                         |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
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| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb. )  | 5                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May )  | 8                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug. )  | 4                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov. )   | <u>8</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 25                         |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )  | 26                         |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )  | 14                         |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )  | 6                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )  | <u>4</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 50                         |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
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| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| Dry   | 9                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| Icy   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| Wet   | <u>3</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 12                         |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| 1976  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| 1977  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| 1978  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| 1979  | <u>3.5</u>                 |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |
| 4 year Average  | 3.5                        |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |   |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |    |



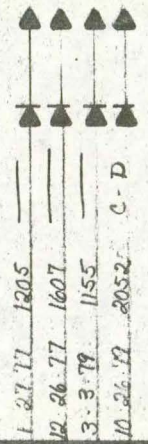
INDICATE NORTH BY ARROW

# COLLISION DIAGRAM



W. 14TH  
NAME

HAMILTON  
NAME



## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←\* REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←~~~~ OUT OF CONTROL
- ←↪ LEFT TURN
- ↑ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION W. 14TH AND HAMILTON BLVD.  
 PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

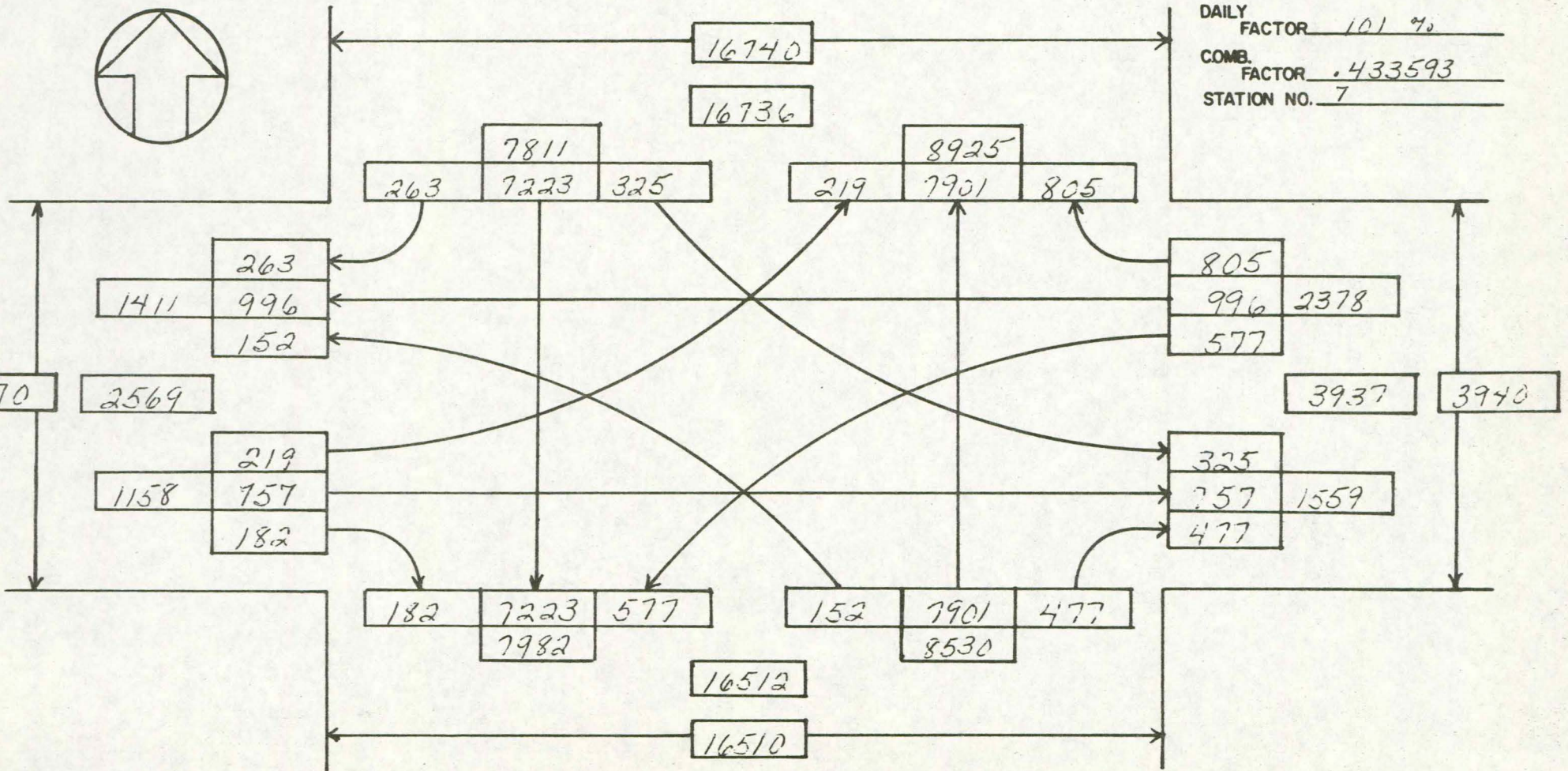
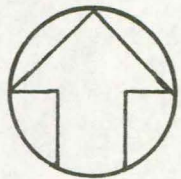
FLOW DIAGRAM

INTERSECTION W 14th St. & Hamilton Blvd

DATE 6-9-80 DAY Monday WEATHER sunny

HOURS COUNTED 7-11am; 3-6pm HOURS SHOWN 24 hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 40.5%  
 MONTHLY FACTOR 106%  
 DAILY FACTOR 101%  
 COMB. FACTOR .433593  
 STATION NO. 7



**Accident Summary**  
MORNINGSIDE & LAKEPORT

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">1</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">5</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">6</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>1</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">18</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 1 | 10:00 a.m. - 2:00 p.m. | 5 | 2:00 p.m. - 6:00 p.m.  | 6        | 6:00 p.m. - 10:00 p.m. | 2        | 10:00 p.m. - 2:00 a.m.  | 3                      | 2:00 a.m. - 6:00 a.m.  | <u>1</u>                     | <b>Totals</b>             | 18                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">8</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>6</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">20</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 2        | Rear End           | 8         | Right Angle   | 1  | Left Turn | 3 | Pedestrian | 0 | Other | <u>6</u> | <b>Totals</b> | 20 |
|---|----------------------------|----------------------------|------------------------|---|------------------------|---|------------------------|----------|------------------------|----------|---|------------------------|--|------------------------------|---------------------------|----------------------|--|-----------------------|----------------------------|--------------------|----------|--------------------|-----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.  | 1                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.  | 5                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.   | 6                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.  | 2                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.  | 3                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.   | <u>1</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 18                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Sideswipe   | 2                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Rear End  | 8                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Right Angle   | 1                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Left Turn   | 3                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Pedestrian  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Other   | <u>6</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 20                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">4</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">9</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;"><u>7</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">20</td> </tr> </tbody> </table>   | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb. ) | 4 | Spring ( March - May ) | 0 | Summer ( June - Aug. ) | 9        | Fall ( Sept. - Nov. )  | <u>7</u> | <b>Totals</b>   | 20                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">2</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">7</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">12</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>18</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">39</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 2  | South ( Northbound )  | 7                          | East ( Westbound ) | 12       | West ( Eastbound ) | <u>18</u> | <b>Totals</b> | 39 |           |   |            |   |       |          |               |    |
| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb. )  | 4                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May )  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug. )  | 9                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov. )   | <u>7</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 20                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )  | 2                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )  | 7                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )  | 12                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )  | <u>18</u>                  |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 39                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
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| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Dry   | 7                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Icy   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Wet   | <u>4</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 11                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1976  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1977  | 3                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1978  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1979  | <u>0</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 4 year Average  | 3                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |



INDICATE NORTH  
BY ARROW

11-16-78 0045 CL-S

9-29-79 2129 C-D

8-5-77 1610 CL-D

7-12-78 1715

6-18-79 CL-D

9-12-79 1517 CL-RW

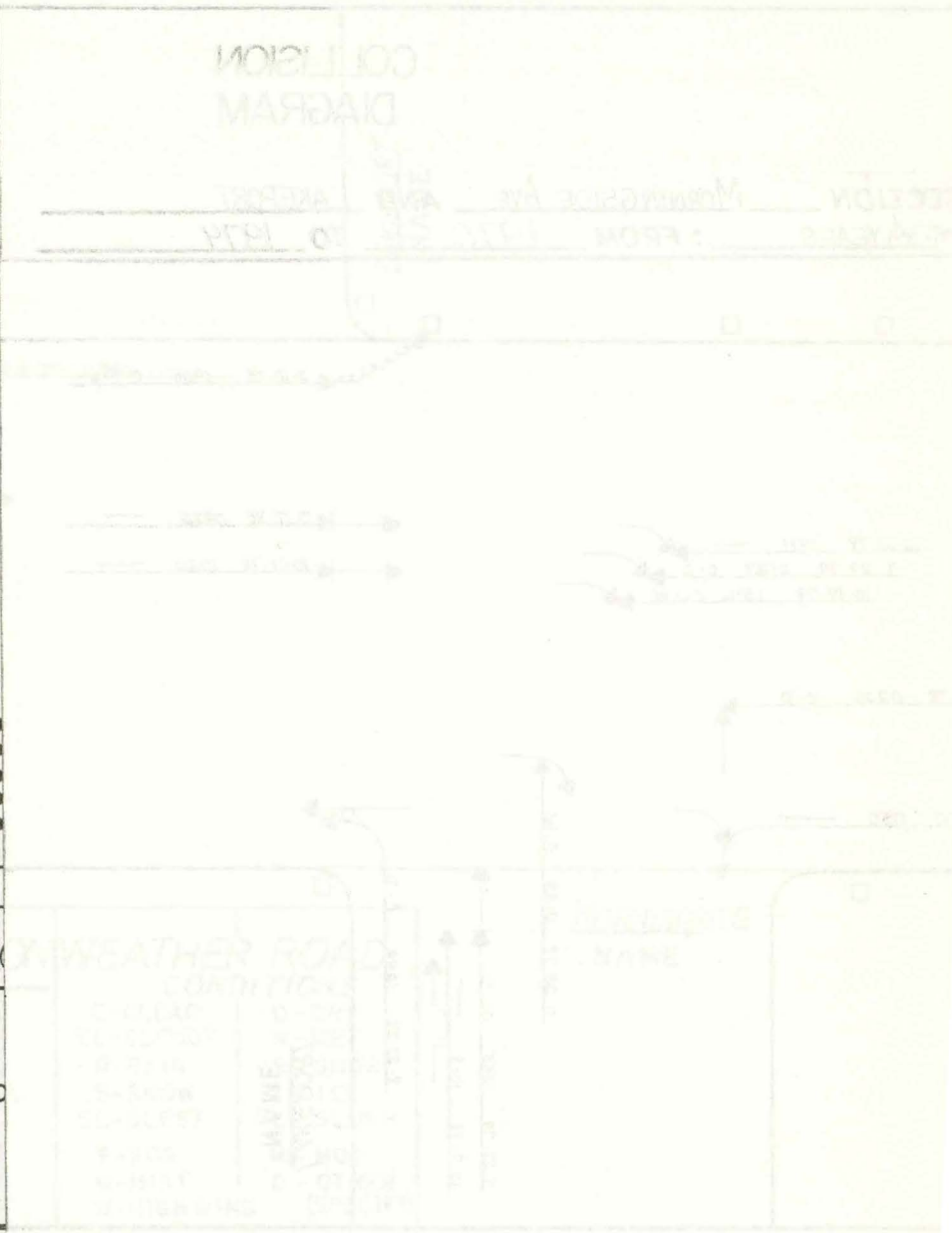
11-28-79 1230

SYMBOLS - TYPE OF COLLISION

|  |                  |  |                |
|--|------------------|--|----------------|
|  | MOVING VEHICLE   |  | REAR END       |
|  | BACKING VEHICLE  |  | HEAD ON        |
|  | NON-INV. VEHICLE |  | SIDE SWIPE     |
|  | PEDESTRIAN       |  | OUT OF CONTROL |
|  | PARKED VEHICLE   |  | LEFT TURN      |
|  | FIXED OBJECT     |  | RIGHT ANGLE    |
|  | FATAL ACCIDENT   |  |                |
|  | INJURY ACCIDENT  |  |                |

COLLISION  
DIAGRAM

SECTION: MORGENTHAU AV AND AIRPORT  
DATE: FROM 11-16-78 TO 11-28-79





TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION Lakeport \* Morningside (west intersection)

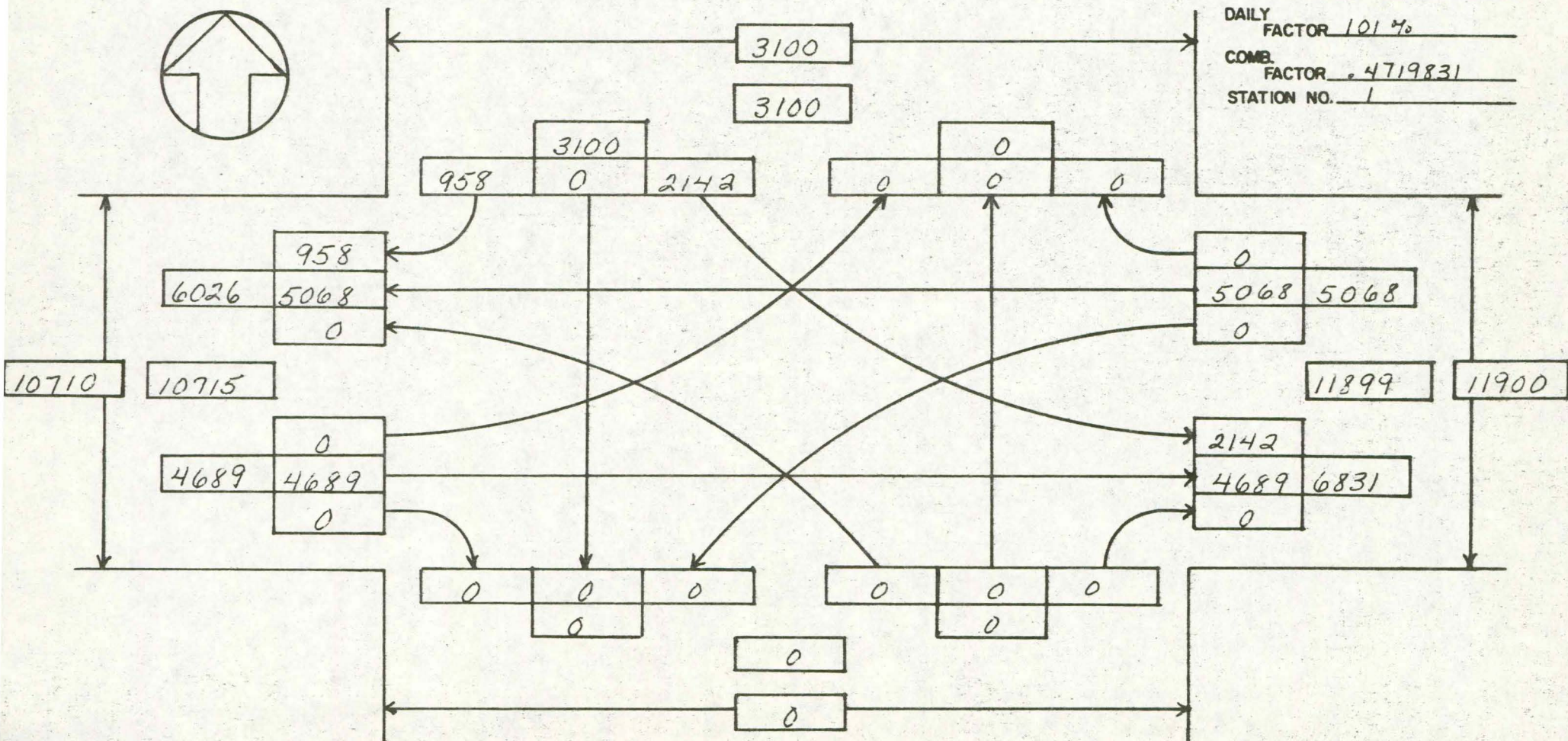
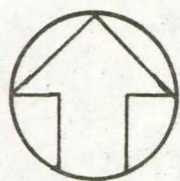
DATE 6-5-80

DAY Thursday WEATHER sunny

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs. factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 42.1%  
 MONTHLY FACTOR 111%  
 DAILY FACTOR 101%  
 COMB. FACTOR .4719831  
 STATION NO. 1



TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION Lakeport + Morningside (east intersection)

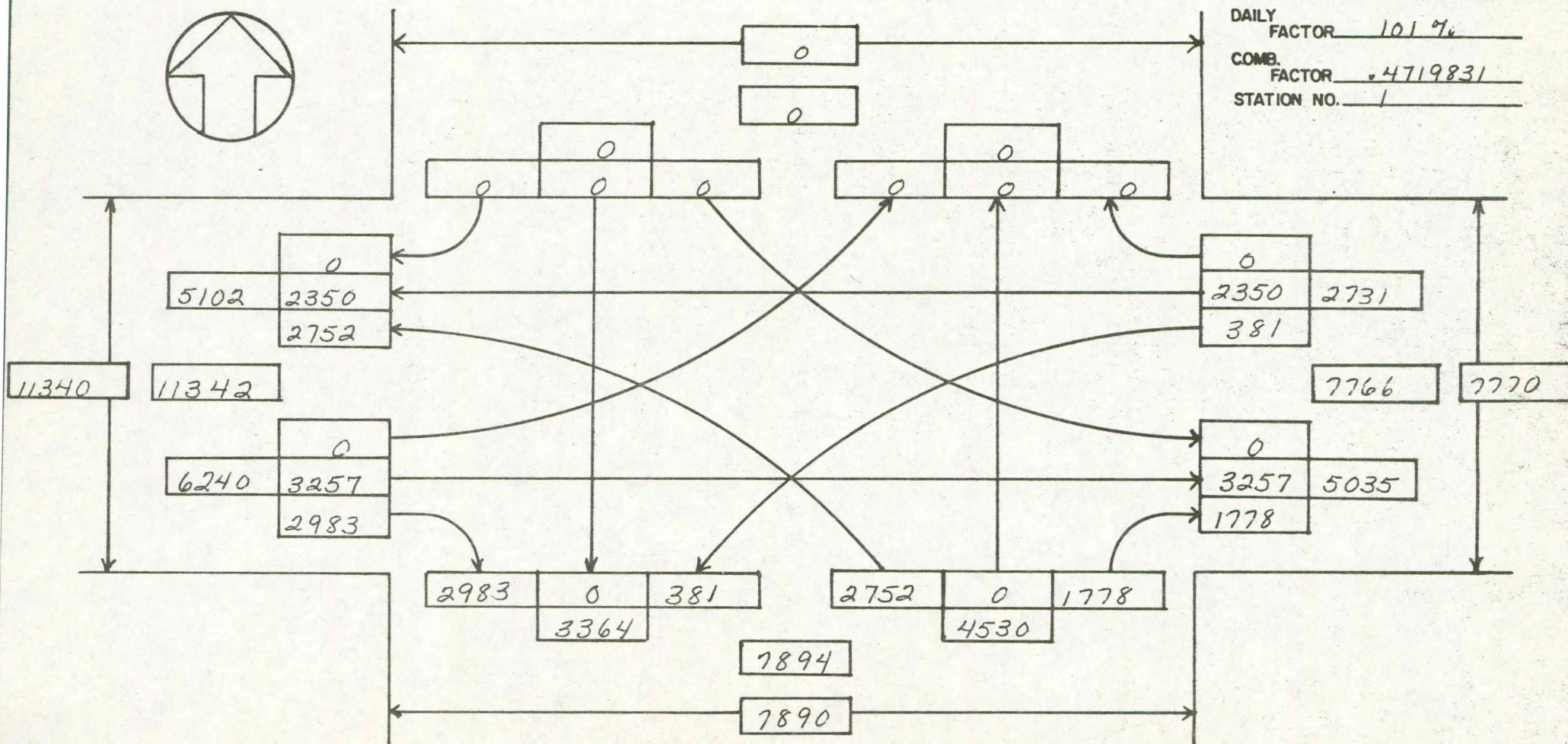
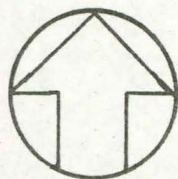
DATE 6-5-80

DAY Thursday WEATHER clear

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 42.1%  
 MONTHLY FACTOR 111%  
 DAILY FACTOR 101%  
 COMB. FACTOR .4719831  
 STATION NO. 1



## Accident Summary

3RD & JACKSON

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">8</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">8</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">1</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">22</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 3  | 10:00 a.m. - 2:00 p.m. | 8 | 2:00 p.m. - 6:00 p.m.  | 8        | 6:00 p.m. - 10:00 p.m. | 2        | 10:00 p.m. - 2:00 a.m.  | 1                      | 2:00 a.m. - 6:00 a.m.  | <u>0</u>                     | Totals                    | 22                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">10</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>2</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">22</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 1        | Rear End           | 5         | Right Angle | 10 | Left Turn | 3 | Pedestrian | 1 | Other | <u>2</u> | Totals | 22 |
|--|----------------------------|----------------------------|------------------------|----|------------------------|---|------------------------|----------|------------------------|----------|---|------------------------|--|------------------------------|---------------------------|----------------------|--|-----------------------|----------------------------|--------------------|----------|--------------------|-----------|-------------|----|-----------|---|------------|---|-------|----------|--------|----|
| <u>Time of Day</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| 6:00 a.m. - 10:00 a.m.   | 3                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| 10:00 a.m. - 2:00 p.m.   | 8                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| 2:00 p.m. - 6:00 p.m.  | 8                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| 6:00 p.m. - 10:00 p.m.   | 2                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| 10:00 p.m. - 2:00 a.m.   | 1                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Totals   | 22                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| <u>Accidents Type</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Sideswipe  | 1                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Rear End   | 5                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Right Angle  | 10                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Left Turn  | 3                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Pedestrian   | 1                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Other  | <u>2</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Totals   | 22                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
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| <u>Time of Year</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Winter ( Dec. - Feb. )   | 11                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Spring ( March - May )   | 4                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Summer ( June - Aug. )   | 3                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Fall ( Sept. - Nov. )  | <u>4</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Totals   | 22                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| <u>Direction of Approach</u>   | <u>Number of Vehicles</u>  |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| North ( Southbound )   | 10                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| South ( Northbound )   | 5                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| East ( Westbound )   | 17                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| West ( Eastbound )   | <u>11</u>                  |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Totals   | 43                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
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| <u>Pavement Condition</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Dry  | 2                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Icy  | 1                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Wet  | <u>5</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| Totals   | 8                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| <u>Injury Severity</u>   | <u>Average</u>             |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| 1976   | 0                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| 1977   | 4                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| 1978   | 0                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| 1979   | <u>0</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |
| 4 year Average   | 4                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |             |    |           |   |            |   |       |          |        |    |

# COLLISION DIAGRAM

INDICATE NORTH BY ARROW

4-11-79 1340

11-24-78 1435

2-22-77 0845

10-23-76 1550 CL-W

11-13-76 2243 C-D

12-2-76 1445 CL-D

1-3-77 1300 C-W

6-16-77 1539

1-9-78 1017 C-D

2-6-78 1620

2-13-78 2115 C-1/2 S

4-20-77 1805

8-1-77 1250

1-21-77 1110

5-18-77 1142

12-13-77 2115 C 3/4

1-28-77 1104

2-23-77 1040

11-21-79 0930 R-W

8-25-76 1641 C-D

4-12-77 1540 R-W

3RD  
NAME

JACKSON  
NAME

1-5-79 1400

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ☐ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←+← REAR END
- ←+ HEAD ON
- ←+ SIDE SWIPE
- ←+ OUT OF CONTROL
- ←+ LEFT TURN
- ↑+ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION 3RD AND JACKSON  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 3rd + Jackson Sts

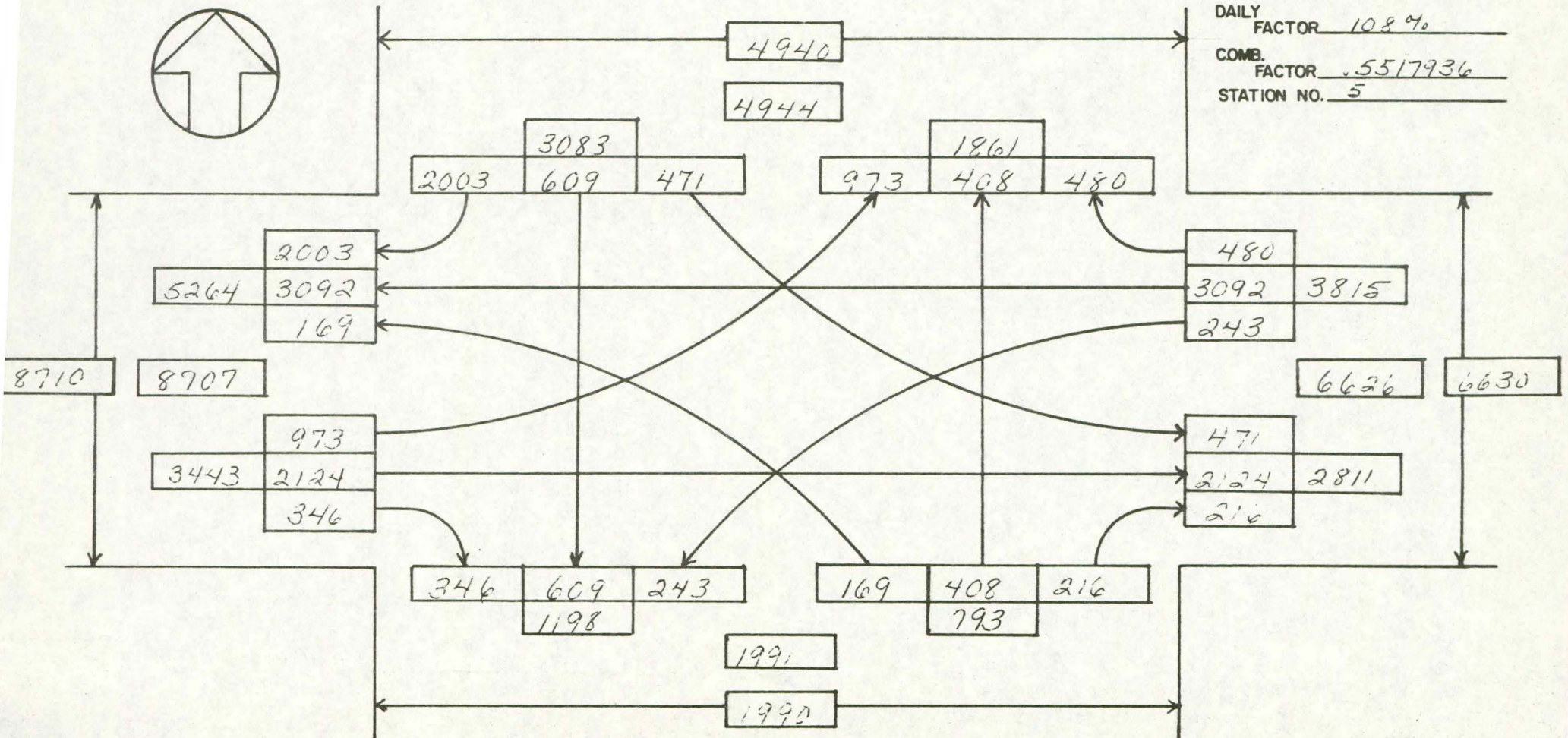
DATE 8-14-79

DAY Tuesday WEATHER cloudy

HOURS COUNTED 7-9am; 11-1pm; 3-6pm

HOURS SHOWN 24 hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 48.2%  
 MONTHLY FACTOR 106%  
 DAILY FACTOR 108%  
 COMB. FACTOR .5517936  
 STATION NO. 5



### Accident Summary

W.24TH & HAMILTON BLVD.

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">11</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">18</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 2 | 10:00 a.m. - 2:00 p.m. | 3 | 2:00 p.m. - 6:00 p.m.  | 11       | 6:00 p.m. - 10:00 p.m. | 2        | 10:00 p.m. - 2:00 a.m.  | 0                      | 2:00 a.m. - 6:00 a.m.   | <u>0</u>                     | <b>Totals</b>             | 18                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">10</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">4</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">4</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">19</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0        | Rear End              | 10       | Right Angle   | 4  | Left Turn | 4 | Pedestrian | 1 | Other | <u>0</u> | <b>Totals</b> | 19 |
|---|----------------------------|----------------------------|------------------------|---|------------------------|---|------------------------|----------|------------------------|----------|---|------------------------|---|------------------------------|---------------------------|----------------------|--|-----------------------|----------------------------|--------------------|----------|-----------------------|----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.  | 2                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.  | 3                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.   | 11                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.  | 2                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.   | <u>0</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 18                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Sideswipe   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Rear End  | 10                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Right Angle   | 4                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Left Turn   | 4                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Pedestrian  | 1                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Other   | <u>0</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 19                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
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| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb. )  | 5                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May )  | 5                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug. )  | 5                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov. )   | <u>4</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 19                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )  | 14                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )  | 20                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )  | 1                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )  | <u>3</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 38                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
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| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Dry   | 8                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Icy   | 3                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Wet   | <u>5</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 16                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 1976  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 1977  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 1978  | 3.3                        |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 1979  | <u>3</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>4 year Average</b>   | 3.2                        |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |

# COLLISION DIAGRAM



INDICATE NORTH BY ARROW

11-22-77 1322

5-10-77 0842  
10-20-77 1630  
1-5-78 518  
4-28-79 1610

6-7-78 1587 C-D

8-7-78 — C-D  
10-15-78 1615 C-D

1-30-79 1715 I/S  
7-22-79 1153 C-D  
10-17-79 1723 C-D  
12-14-78 0838 C-W  
2-12-76 1517

W. 24th  
NAME

HAMILTON  
NAME

8-26-78 1425 R.W.  
2-5-76 1555 C.W.I.  
5-30-76 1522 C.D.  
6-1-77 1509  
4-12-78 1910  
12-8-78 245 N.I.

## - SYMBOLS -

- ← MOVING VEHICLE
- ←→ BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ← X ← REAR END
- ← X → HEAD ON
- ← V ← SIDE SWIPE
- ← eeee ← OUT OF CONTROL
- ← ↘ ← LEFT TURN
- ↑ ← RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |             |           |
|-------------|-----------|
| C-CLEAR     | D-DRY     |
| CL-CLOUDY   | W-WET     |
| R-RAIN      | S-SNOW    |
| S-SNOW      | I-ICE     |
| SL-SLEET    | SL-SLUSH  |
| F-FOG       | M-MUD     |
| M-MIST      | O-OTHER   |
| W-HIGH WIND | (SPECIFY) |

INTERSECTION W. 24th AND HAMILTON BLVD  
 PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION W 24th + Hamilton Blvd

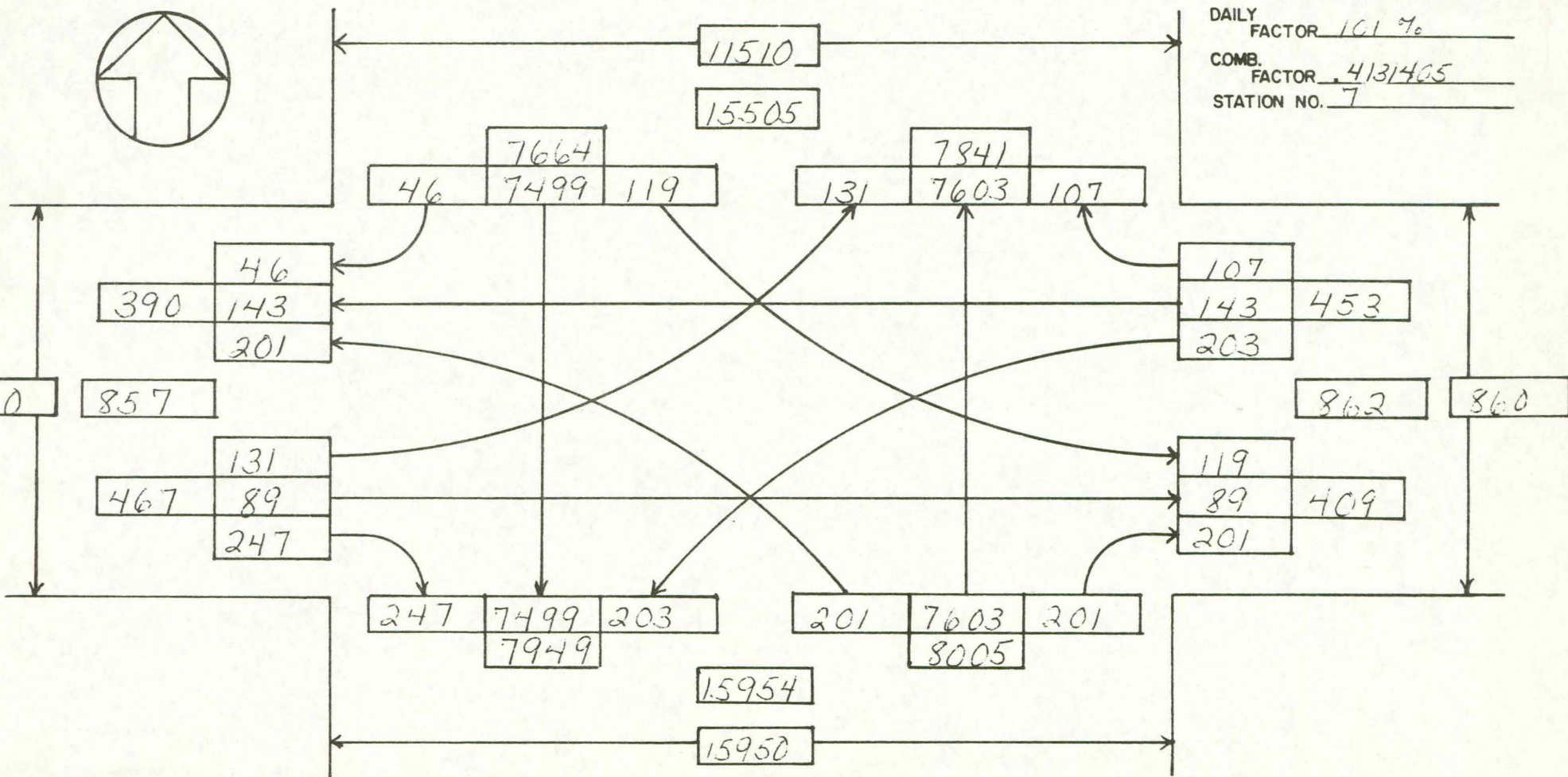
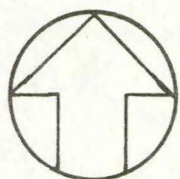
DATE 8 20 80

DAY Wednesday WEATHER partly cloudy

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 40.5%  
 MONTHLY FACTOR 101%  
 DAILY FACTOR 101%  
 COMB. FACTOR 413/405  
 STATION NO. 7





## Accident Summary

8TH & COURT

| <u>Time of Day</u>     | <u>Number of<br/>Accidents</u> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| 6:00 a.m. - 10:00 a.m. | 1                              | Sideswipe             | 0                              |
| 10:00 a.m. - 2:00 p.m. | 2                              | Rear End              | 3                              |
| 2:00 p.m. - 6:00 p.m.  | 6                              | Right Angle           | 5                              |
| 6:00 p.m. - 10:00 p.m. | 0                              | Left Turn             | 2                              |
| 10:00 p.m. - 2:00 a.m. | 2                              | Pedestrian            | 1                              |
| 2:00 a.m. - 6:00 a.m.  | <u>1</u>                       | Other                 | <u>1</u>                       |
| Totals                 | 12                             | Totals                | 12                             |

| <u>Time of Year</u>   | <u>Number of<br/>Accidents</u> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> |
|-----------------------|--------------------------------|------------------------------|-------------------------------|
| Winter ( Dec. - Feb.) | 4                              | North ( Southbound )         | 8                             |
| Spring ( March - May) | 1                              | South ( Northbound )         | 4                             |
| Summer ( June - Aug.) | 3                              | East ( Westbound )           | 2                             |
| Fall ( Sept. - Nov.)  | <u>4</u>                       | West ( Eastbound )           | <u>8</u>                      |
| Totals                | 12                             | Totals                       | 22                            |

| <u>Pavement Condition</u> | <u>Number of<br/>Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|--------------------------------|------------------------|----------------|
| Dry                       | 5                              | 1976                   | 3.6            |
| Icy                       | 1                              | 1977                   | 3.6            |
| Wet                       | <u>4</u>                       | 1978                   | 0              |
| Totals                    | 10                             | 1979                   | <u>0</u>       |
|                           |                                | 4 year Average         | 3.6            |



INDICATE NORTH BY ARROW

# COLLISION DIAGRAM

2-4-77 2135 CL-D  
 10-10-77 1142 CL/S-W  
 7-21-78 2340 R-W  
 1-17-79 1640 —

11-17-78 0747 CL/S P/S

7-28-76 1634 C-D

1-22-77 0052 CL I/S

6-17-76 1650 —  
 11-17-76 1610 C-D

5-6-77 1150 C-D

10-23-77 1403 M/R-W

2-26-79 1510 C-W

8TH  
NAME

COURT  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ☐ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←eee OUT OF CONTROL
- ↘ LEFT TURN
- ↑ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 8TH AND COURT  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 8th + Court Sts

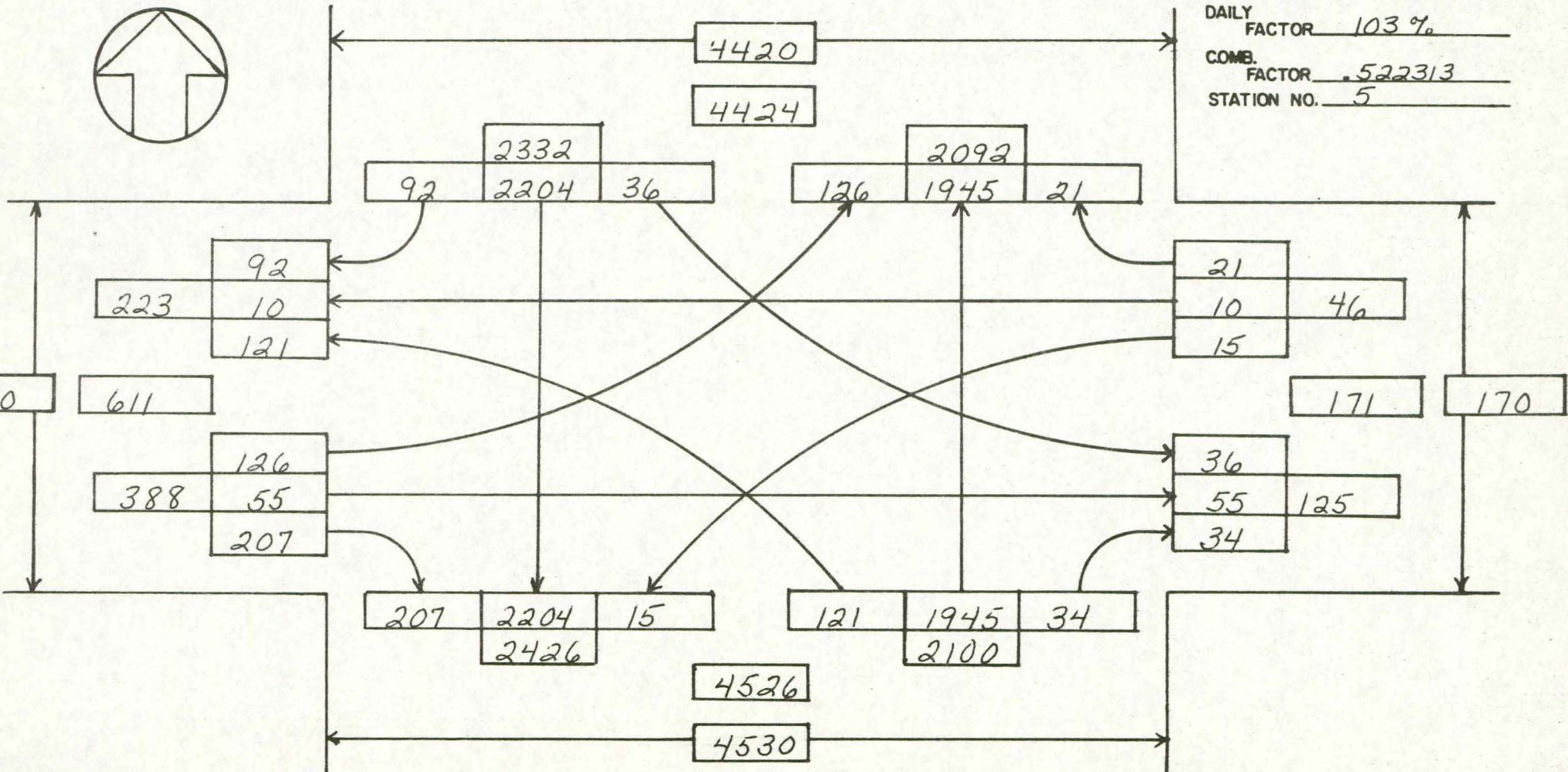
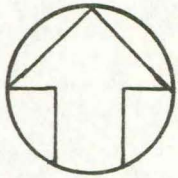
DATE 8-19-80

DAY Tuesday WEATHER clear

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 46.1%  
 MONTHLY FACTOR 110%  
 DAILY FACTOR 103%  
 COMB. FACTOR .522313  
 STATION NO. 5



## Accident Summary

W. 28TH & MYRTLE

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">4</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">6</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">1</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">14</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 3 | 10:00 a.m. - 2:00 p.m. | 4 | 2:00 p.m. - 6:00 p.m.  | 6 | 6:00 p.m. - 10:00 p.m. | 1  | 10:00 p.m. - 2:00 a.m.  | 0                      | 2:00 a.m. - 6:00 a.m.  | 0                            | <b>Totals</b>             | 14                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">10</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Other</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">14</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0 | Rear End           | 1   | Right Angle   | 10 | Left Turn | 1 | Pedestrian | 1 | Other | 1 | <b>Totals</b> | 14 |
|---|----------------------------|----------------------------|------------------------|---|------------------------|---|------------------------|---|------------------------|----|---|------------------------|--|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|---|--------------------|-----|---------------|----|-----------|---|------------|---|-------|---|---------------|----|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| 6:00 a.m. - 10:00 a.m.  | 3                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| 10:00 a.m. - 2:00 p.m.  | 4                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| 2:00 p.m. - 6:00 p.m.   | 6                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| 6:00 p.m. - 10:00 p.m.  | 1                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| 10:00 p.m. - 2:00 a.m.  | 0                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| 2:00 a.m. - 6:00 a.m.   | 0                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| <b>Totals</b>   | 14                         |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| <u>Accidents Type</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| Sideswipe   | 0                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| Rear End  | 1                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| Right Angle   | 10                         |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| Left Turn   | 1                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| Pedestrian  | 1                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| Other   | 1                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| <b>Totals</b>   | 14                         |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">4</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">14</td> </tr> </tbody> </table>   | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb. ) | 5 | Spring ( March - May ) | 2 | Summer ( June - Aug. ) | 4 | Fall ( Sept. - Nov. )  | 3  | <b>Totals</b>   | 14                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">9</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">5</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">9</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;">4</td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">27</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 9   | South ( Northbound )  | 5                          | East ( Westbound ) | 9 | West ( Eastbound ) | 4   | <b>Totals</b> | 27 |           |   |            |   |       |   |               |    |
| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| Winter ( Dec. - Feb. )  | 5                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| Spring ( March - May )  | 2                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| Summer ( June - Aug. )  | 4                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| Fall ( Sept. - Nov. )   | 3                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| <b>Totals</b>   | 14                         |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| North ( Southbound )  | 9                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| South ( Northbound )  | 5                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| East ( Westbound )  | 9                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| West ( Eastbound )  | 4                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| <b>Totals</b>   | 27                         |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;">4</td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">10</td> </tr> </tbody> </table>   | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 5 | Icy                    | 1 | Wet                    | 4 | <b>Totals</b>          | 10 | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">4</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">3.5</td> </tr> <tr> <td>1979</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">4 year Average</td> <td style="text-align: center;">3.8</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>   | 1976                         | 4                         | 1977                 | 0   | 1978                  | 3.5                        | 1979               | 0 | 4 year Average     | 3.8 |               |    |           |   |            |   |       |   |               |    |
| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| Dry   | 5                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| Icy   | 1                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| Wet   | 4                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| <b>Totals</b>   | 10                         |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| 1976  | 4                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| 1977  | 0                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| 1978  | 3.5                        |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| 1979  | 0                          |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |
| 4 year Average  | 3.8                        |                            |                        |   |                        |   |                        |   |                        |    |   |                        |  |                              |                           |                      |   |                       |                            |                    |   |                    |     |               |    |           |   |            |   |       |   |               |    |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM

1-26-76 1030 C-W  
 9-13-78 1537 CL-R-W  
 7-14-76 0942 CL-M-W  
 11-20-76 0835

6-24-76 1134  
 12-12-76 1660 CL-D  
 6-26-76 1550 C-D  
 7-31-77 1922  
 12-19-79 1039 C-D

4-13-76 1500

12-4-79 0840 C-W

11-4-78 1632 C-D  
 4-26-78 1757 CL-D

12-7-78 1211 S-I/S

W. 28TH  
NAME

MYRTLE  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←+← REAR END
- ←+← HEAD ON
- ←+ V SIDE SWIPE
- ← e e e e OUT OF CONTROL
- ←+ LEFT TURN
- ↑+← RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION W. 28TH AND MYRTLE  
 PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION W 28th + Myrtle Sts.

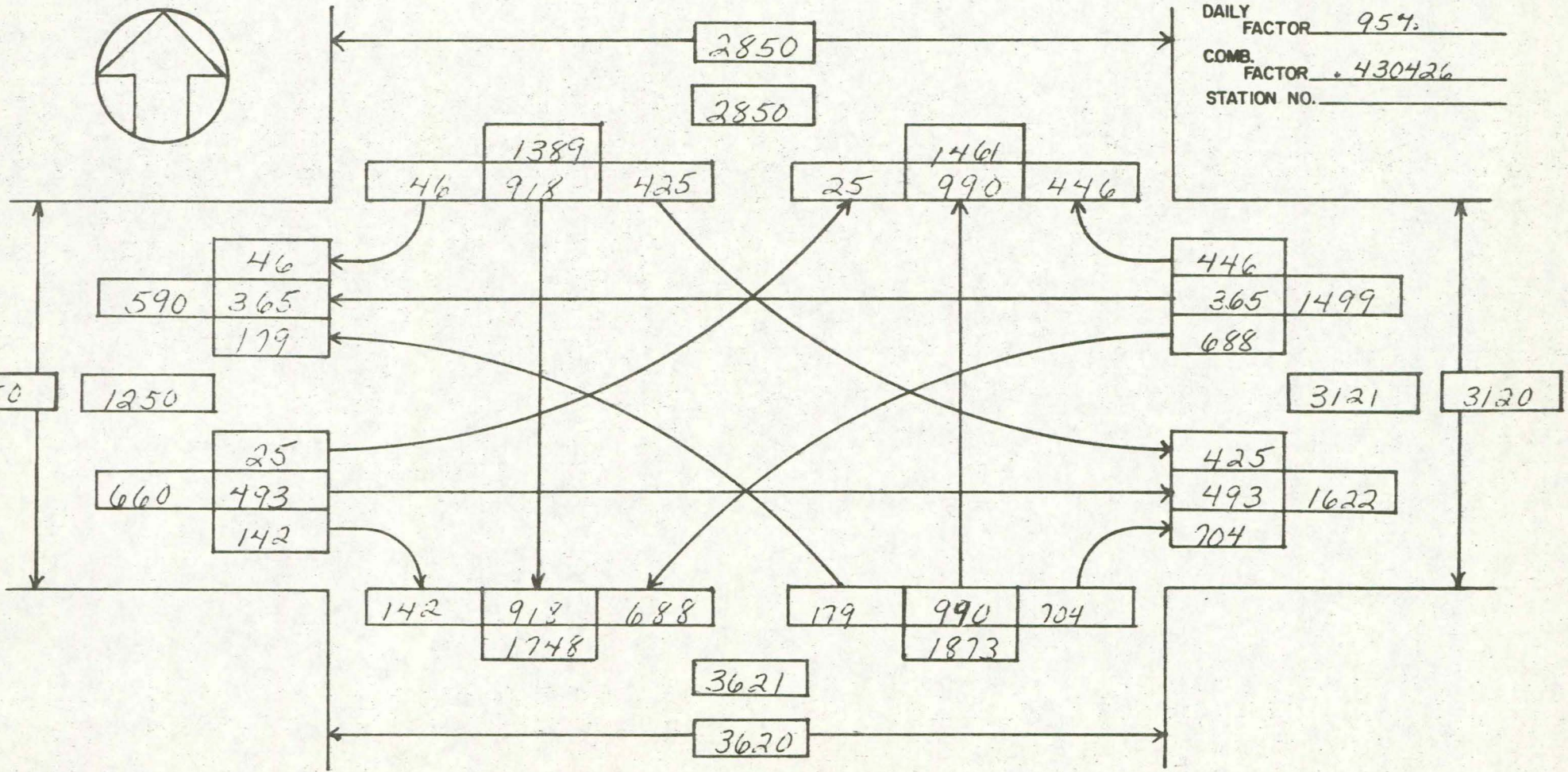
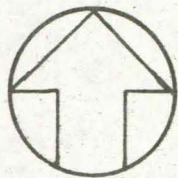
DATE 2 21 79

DAY Wednesday WEATHER Ice, wet, snow, cloudy

HOURS COUNTED 7-12am; 3-6pm

HOURS SHOWN 24 Hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 48.2%  
 MONTHLY FACTOR 94%  
 DAILY FACTOR 95%  
 COMB. FACTOR .430426  
 STATION NO. \_\_\_\_\_



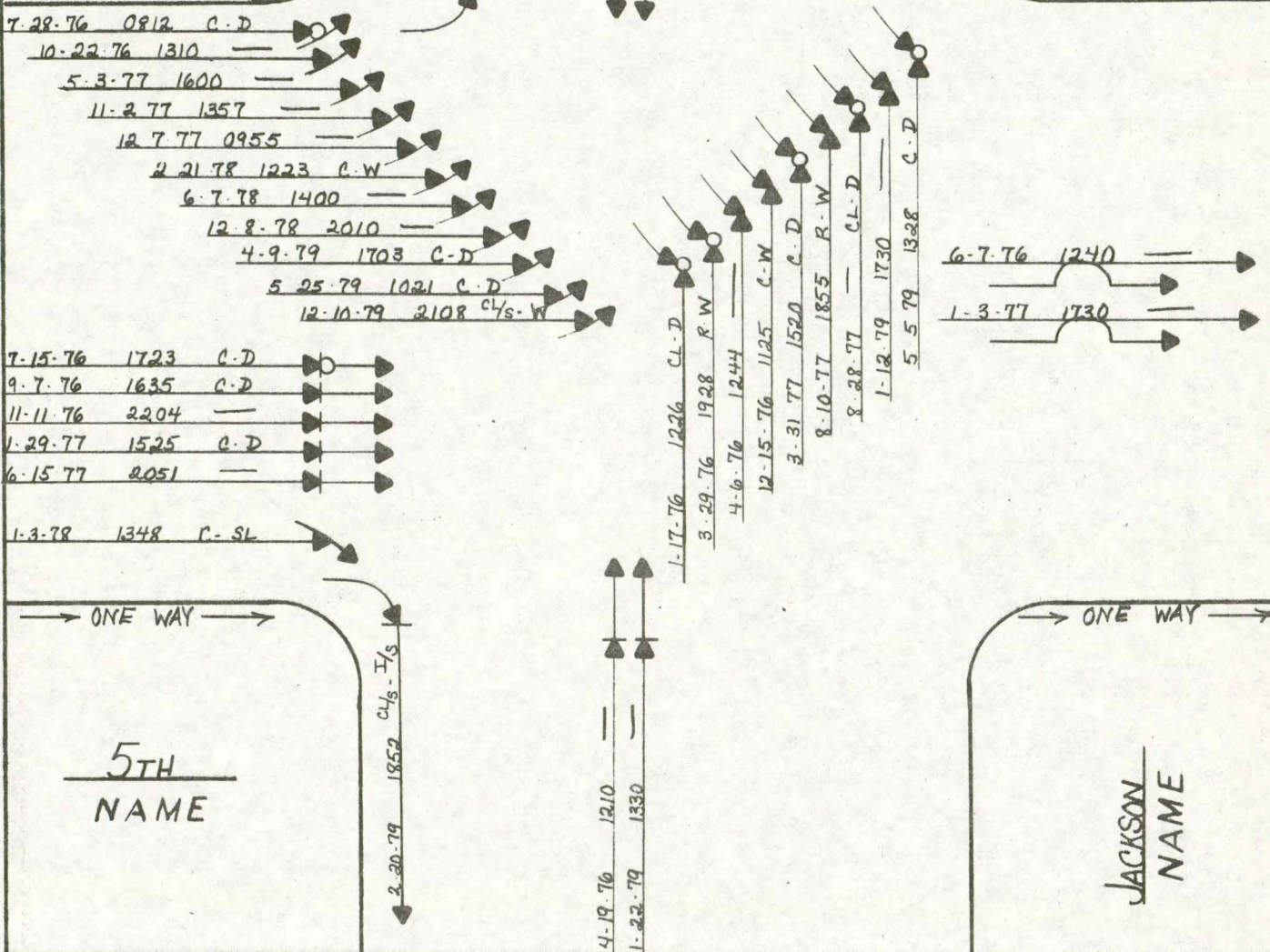
## Accident Summary

5th & Jackson

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">14</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">9</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">7</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>33</b></td> </tr> </tbody> </table> | <u>Time of Day</u>             | <u>Number of<br/>Accidents</u> | 6:00 a.m. - 10:00 a.m. | 3  | 10:00 a.m. - 2:00 p.m. | 14 | 2:00 p.m. - 6:00 p.m. | 9        | 6:00 p.m. - 10:00 p.m. | 7         | 10:00 p.m. - 2:00 a.m.   | 0                      | 2:00 a.m. - 6:00 a.m.   | <u>0</u>                     | <b>Totals</b>                 | <b>33</b>            | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">11</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">9</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>12</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>34</b></td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> | Sideswipe          | 2        | Rear End              | 11         | Right Angle   | 0         | Left Turn | 9 | Pedestrian | 0 | Other | <u>12</u> | <b>Totals</b> | <b>34</b> |
|--|--------------------------------|--------------------------------|------------------------|----|------------------------|----|-----------------------|----------|------------------------|-----------|--|------------------------|---|------------------------------|-------------------------------|----------------------|--|-----------------------|--------------------------------|--------------------|----------|-----------------------|------------|---------------|-----------|-----------|---|------------|---|-------|-----------|---------------|-----------|
| <u>Time of Day</u>   | <u>Number of<br/>Accidents</u> |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| 6:00 a.m. - 10:00 a.m.   | 3                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| 10:00 a.m. - 2:00 p.m.   | 14                             |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| 2:00 p.m. - 6:00 p.m.  | 9                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| 6:00 p.m. - 10:00 p.m.   | 7                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| 10:00 p.m. - 2:00 a.m.   | 0                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                       |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| <b>Totals</b>  | <b>33</b>                      |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| <u>Accidents Type</u>  | <u>Number of<br/>Accidents</u> |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| Sideswipe  | 2                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| Rear End   | 11                             |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| Right Angle  | 0                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| Left Turn  | 9                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| Pedestrian   | 0                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| Other  | <u>12</u>                      |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| <b>Totals</b>  | <b>34</b>                      |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb.)</td> <td style="text-align: center;">12</td> </tr> <tr> <td>Spring ( March - May)</td> <td style="text-align: center;">9</td> </tr> <tr> <td>Summer ( June - Aug.)</td> <td style="text-align: center;">7</td> </tr> <tr> <td>Fall ( Sept. - Nov.)</td> <td style="text-align: center;"><u>6</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>34</b></td> </tr> </tbody> </table>   | <u>Time of Year</u>            | <u>Number of<br/>Accidents</u> | Winter ( Dec. - Feb.)  | 12 | Spring ( March - May)  | 9  | Summer ( June - Aug.) | 7        | Fall ( Sept. - Nov.)   | <u>6</u>  | <b>Totals</b>  | <b>34</b>              | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of<br/>Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">14</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">14</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">0</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>40</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>68</b></td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> | North ( Southbound ) | 14   | South ( Northbound )  | 14                             | East ( Westbound ) | 0        | West ( Eastbound )    | <u>40</u>  | <b>Totals</b> | <b>68</b> |           |   |            |   |       |           |               |           |
| <u>Time of Year</u>  | <u>Number of<br/>Accidents</u> |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| Winter ( Dec. - Feb.)  | 12                             |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| Spring ( March - May)  | 9                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| Summer ( June - Aug.)  | 7                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| Fall ( Sept. - Nov.)   | <u>6</u>                       |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| <b>Totals</b>  | <b>34</b>                      |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| <u>Direction of Approach</u>   | <u>Number of<br/>Vehicles</u>  |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| North ( Southbound )   | 14                             |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| South ( Northbound )   | 14                             |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| East ( Westbound )   | 0                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| West ( Eastbound )   | <u>40</u>                      |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| <b>Totals</b>  | <b>68</b>                      |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">10</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>6</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>17</b></td> </tr> </tbody> </table>   | <u>Pavement Condition</u>      | <u>Number of<br/>Accidents</u> | Dry                    | 10 | Icy                    | 1  | Wet                   | <u>6</u> | <b>Totals</b>          | <b>17</b> | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">4</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">4</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">3</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>4</u></td> </tr> <tr> <td><b>4 year Average</b></td> <td style="text-align: center;"><b>3.7</b></td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>  | 1976                         | 4                             | 1977                 | 4  | 1978                  | 3                              | 1979               | <u>4</u> | <b>4 year Average</b> | <b>3.7</b> |               |           |           |   |            |   |       |           |               |           |
| <u>Pavement Condition</u>  | <u>Number of<br/>Accidents</u> |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| Dry  | 10                             |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| Icy  | 1                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| Wet  | <u>6</u>                       |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| <b>Totals</b>  | <b>17</b>                      |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| <u>Injury Severity</u>   | <u>Average</u>                 |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| 1976   | 4                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| 1977   | 4                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| 1978   | 3                              |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| 1979   | <u>4</u>                       |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |
| <b>4 year Average</b>  | <b>3.7</b>                     |                                |                        |    |                        |    |                       |          |                        |           |  |                        |   |                              |                               |                      |  |                       |                                |                    |          |                       |            |               |           |           |   |            |   |       |           |               |           |

# COLLISION DIAGRAM

INDICATE NORTH BY ARROW

| - SYMBOLS -   | TYPE OF COLLISION   | WEATHER ROAD CONDITIONS   |
|---|---|---|
| <ul style="list-style-type: none"> <li>← MOVING VEHICLE</li> <li>← BAKING VEHICLE</li> <li>← - - - NON-INV. VEHICLE</li> <li>X - - - PEDESTRIAN</li> <li>▣ PARKED VEHICLE</li> <li>□ FIXED OBJECT</li> <li>● FATAL ACCIDENT</li> <li>○ INJURY ACCIDENT</li> </ul> | <ul style="list-style-type: none"> <li>← T REAR END</li> <li>← X HEAD ON</li> <li>← V SIDE SWIPE</li> <li>← eee OUT OF CONTROL</li> <li>← T LEFT TURN</li> <li>← T RIGHT ANGLE</li> </ul> | <ul style="list-style-type: none"> <li>C-CLEAR</li> <li>CL-CLOUDY</li> <li>R-RAIN</li> <li>S-SNOW</li> <li>SL-SLEET</li> <li>F-FOG</li> <li>M-MIST</li> <li>W-HIGHWIND</li> <li>D-DRY</li> <li>W-WET</li> <li>S-SNOW</li> <li>I-ICE</li> <li>SL-SLUSH</li> <li>M-MUD</li> <li>O-OTHER (SPECIF)</li> </ul> |

INTERSECTION 5TH AND JACKSON

PERIOD 4 YEARS : FROM 1976 TO 1979



TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 5TH & JACKSON STS

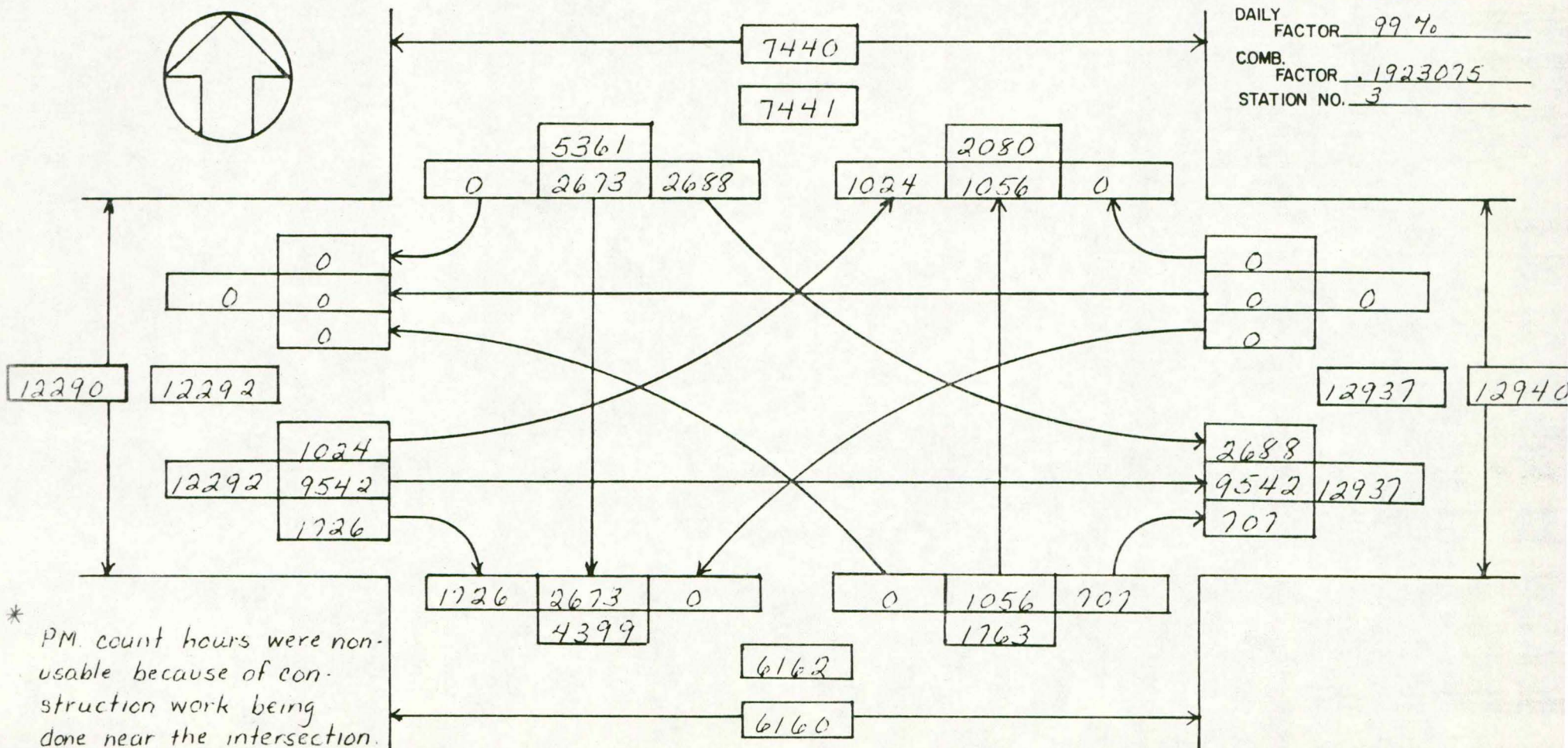
DATE 7 2 79

DAY MONDAY WEATHER CLEAR

HOURS COUNTED 7-11am\*

HOURS SHOWN 24 HRS FACTORED

CONVERSION FACTORS  
 EXPANSION FACTOR 18.5%  
 MONTHLY FACTOR 105%  
 DAILY FACTOR 99%  
 COMB. FACTOR .1923075  
 STATION NO. 3



**Accident Summary**  
TRANSIT & SO. HELEN

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 3                          | Sideswipe             | 1                          |
| 10:00 a.m. - 2:00 p.m. | 1                          | Rear End              | 4                          |
| 2:00 p.m. - 6:00 p.m.  | 7                          | Right Angle           | 5                          |
| 6:00 p.m. - 10:00 p.m. | 1                          | Left Turn             | 1                          |
| 10:00 p.m. - 2:00 a.m. | 0                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>1</u>                   | Other                 | <u>3</u>                   |
| <b>Totals</b>          | 13                         | <b>Totals</b>         | 14                         |

| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 4                          | North ( Southbound )         | 0                         |
| Spring ( March - May ) | 4                          | South ( Northbound )         | 8                         |
| Summer ( June - Aug. ) | 2                          | East ( Westbound )           | 9                         |
| Fall ( Sept. - Nov. )  | <u>4</u>                   | West ( Eastbound )           | <u>11</u>                 |
| <b>Totals</b>          | 14                         | <b>Totals</b>                | 28                        |

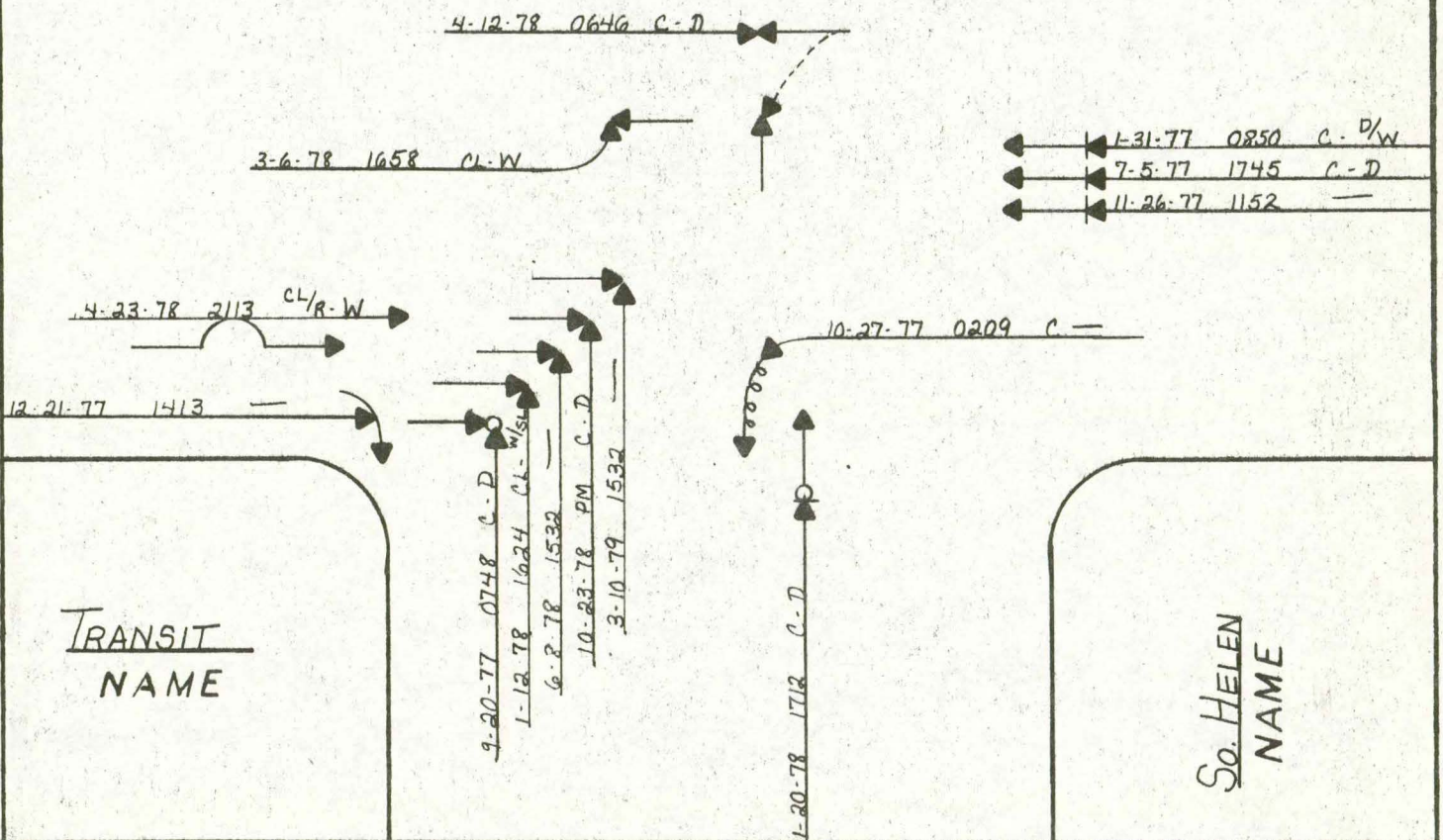
  

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 7                          | 1976                   | 0              |
| Icy                       | 0                          | 1977                   | 2.5            |
| Wet                       | <u>4</u>                   | 1978                   | 4              |
| <b>Totals</b>             | 11                         | 1979                   | <u>0</u>       |
|                           |                            | <b>4 year Average</b>  | 3.2            |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM



- SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←\*← REAR END
- ←→ HEAD ON
- ←V← SIDE SWIPE
- ←e← OUT OF CONTROL
- ←↪ LEFT TURN
- ↕ RIGHT ANGLE

WEATHER ROAD  
CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION TRANSIT AND So. HELEN  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION Transit + So. Helen

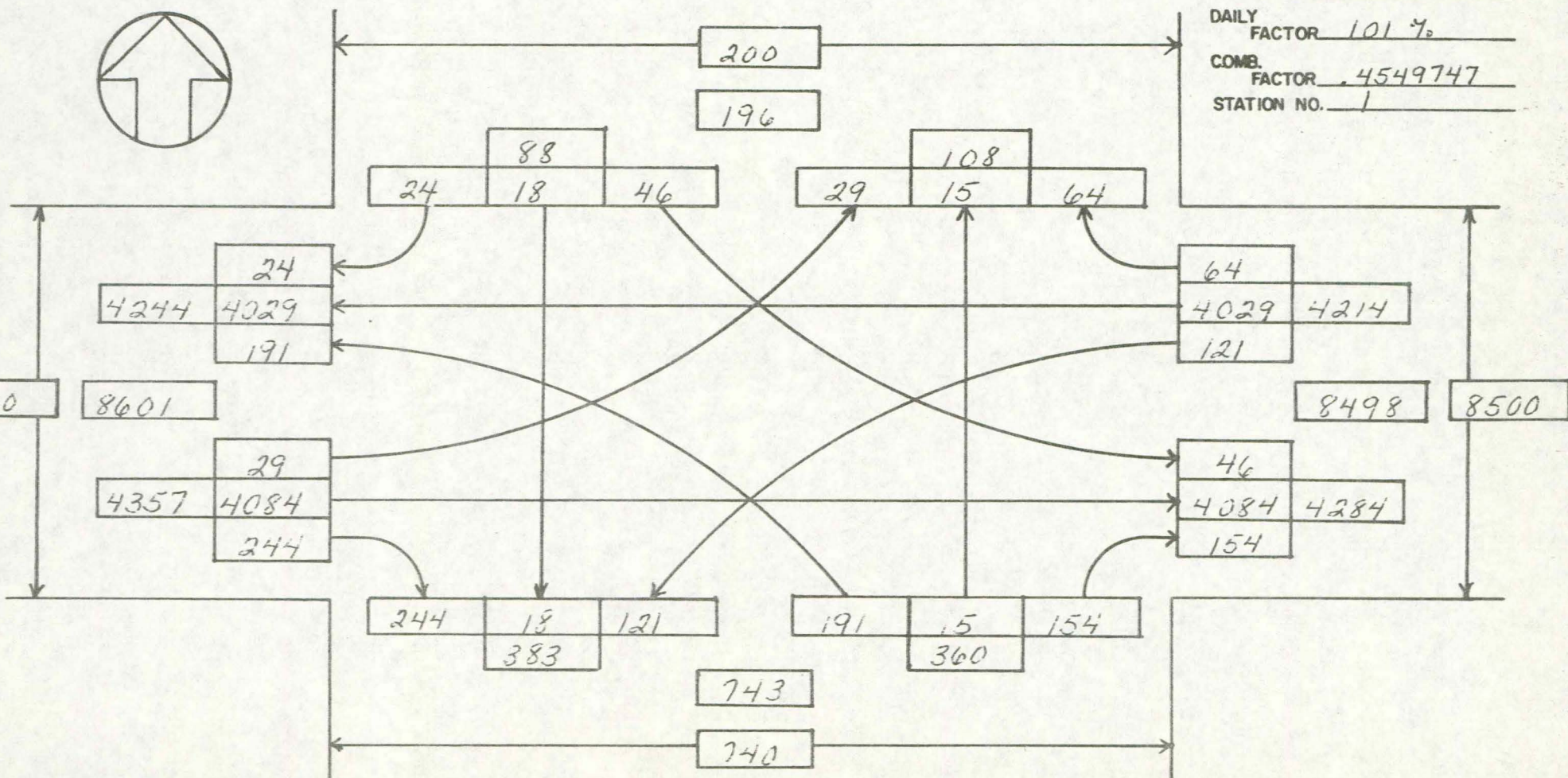
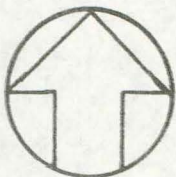
DATE 7-21-80

DAY Monday WEATHER partly cloudy

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 42.1%  
 MONTHLY FACTOR 107%  
 DAILY FACTOR 101%  
 COMB. FACTOR .4549747  
 STATION NO. 1



### Accident Summary

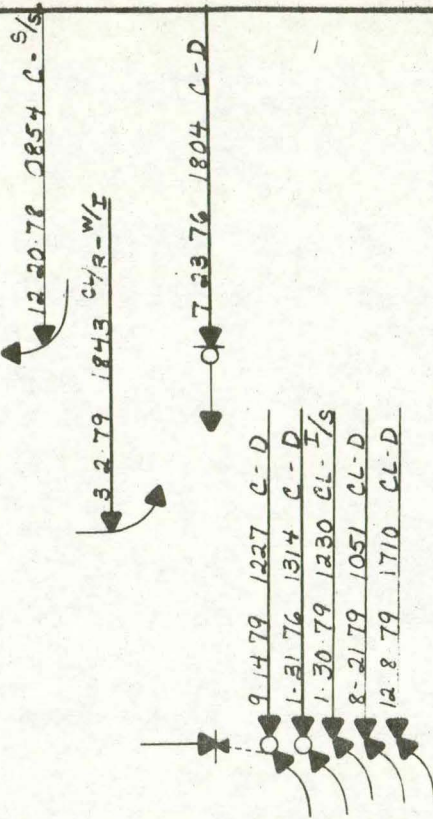
W. 15TH & HAMILTON BLVD.

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">8</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">7</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">7</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">24</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 2  | 10:00 a.m. - 2:00 p.m. | 8 | 2:00 p.m. - 6:00 p.m.  | 7        | 6:00 p.m. - 10:00 p.m. | 7        | 10:00 p.m. - 2:00 a.m.  | 0                      | 2:00 a.m. - 6:00 a.m.   | <u>0</u>                     | Totals                    | 24                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">10</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">6</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>3</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">24</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0        | Rear End           | 10       | Right Angle | 5  | Left Turn | 6 | Pedestrian | 0 | Other | <u>3</u> | Totals | 24 |
|--|----------------------------|----------------------------|------------------------|----|------------------------|---|------------------------|----------|------------------------|----------|---|------------------------|---|------------------------------|---------------------------|----------------------|--|-----------------------|----------------------------|--------------------|----------|--------------------|----------|-------------|----|-----------|---|------------|---|-------|----------|--------|----|
| <u>Time of Day</u>   | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| 6:00 a.m. - 10:00 a.m.   | 2                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| 10:00 a.m. - 2:00 p.m.   | 8                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| 2:00 p.m. - 6:00 p.m.  | 7                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| 6:00 p.m. - 10:00 p.m.   | 7                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| 10:00 p.m. - 2:00 a.m.   | 0                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Totals   | 24                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| <u>Accidents Type</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Sideswipe  | 0                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Rear End   | 10                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Right Angle  | 5                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Left Turn  | 6                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Pedestrian   | 0                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Other  | <u>3</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Totals   | 24                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">7</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">7</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">6</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;"><u>4</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">24</td> </tr> </tbody> </table>   | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb. ) | 7  | Spring ( March - May ) | 7 | Summer ( June - Aug. ) | 6        | Fall ( Sept. - Nov. )  | <u>4</u> | Totals  | 24                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">15</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">28</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">4</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>6</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">53</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 15   | South ( Northbound )  | 28                         | East ( Westbound ) | 4        | West ( Eastbound ) | <u>6</u> | Totals      | 53 |           |   |            |   |       |          |        |    |
| <u>Time of Year</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Winter ( Dec. - Feb. )   | 7                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Spring ( March - May )   | 7                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Summer ( June - Aug. )   | 6                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Fall ( Sept. - Nov. )  | <u>4</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Totals   | 24                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| <u>Direction of Approach</u>   | <u>Number of Vehicles</u>  |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| North ( Southbound )   | 15                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| South ( Northbound )   | 28                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| East ( Westbound )   | 4                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| West ( Eastbound )   | <u>6</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Totals   | 53                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">14</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>4</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">21</td> </tr> </tbody> </table>  | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 14 | Icy                    | 3 | Wet                    | <u>4</u> | Totals                 | 21       | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">4</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">3</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">4</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>3</u></td> </tr> <tr> <td style="text-align: right;">4 year Average</td> <td style="text-align: center;">3.5</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>  | 1976                         | 4                         | 1977                 | 3  | 1978                  | 4                          | 1979               | <u>3</u> | 4 year Average     | 3.5      |             |    |           |   |            |   |       |          |        |    |
| <u>Pavement Condition</u>  | <u>Number of Accidents</u> |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Dry  | 14                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Icy  | 3                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Wet  | <u>4</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Totals   | 21                         |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| <u>Injury Severity</u>   | <u>Average</u>             |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| 1976   | 4                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| 1977   | 3                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| 1978   | 4                          |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| 1979   | <u>3</u>                   |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| 4 year Average   | 3.5                        |                            |                        |    |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |

# COLLISION DIAGRAM

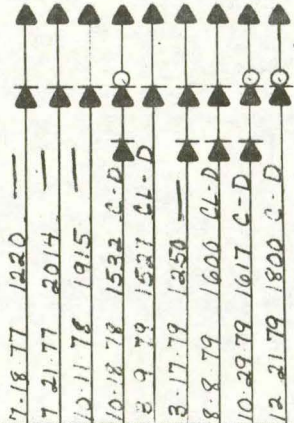
INDICATE NORTH  
BY ARROW

3-18-77 0930 CL-D  
2-20-79 1253 R-W



8-15-78 1348 CL-D  
5-25-79 1932 C-D

W 15TH  
NAME



HAMILTON  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- NON-INV. VEHICLE
- X --- PEDESTRIAN
- ☐ PARKED VEHICLE
- ☐ FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←eee OUT OF CONTROL
- ←↪ LEFT TURN
- ↘↙ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION W. 15TH AND HAMILTON BLVD.  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION W 15th + Hamilton Blvd

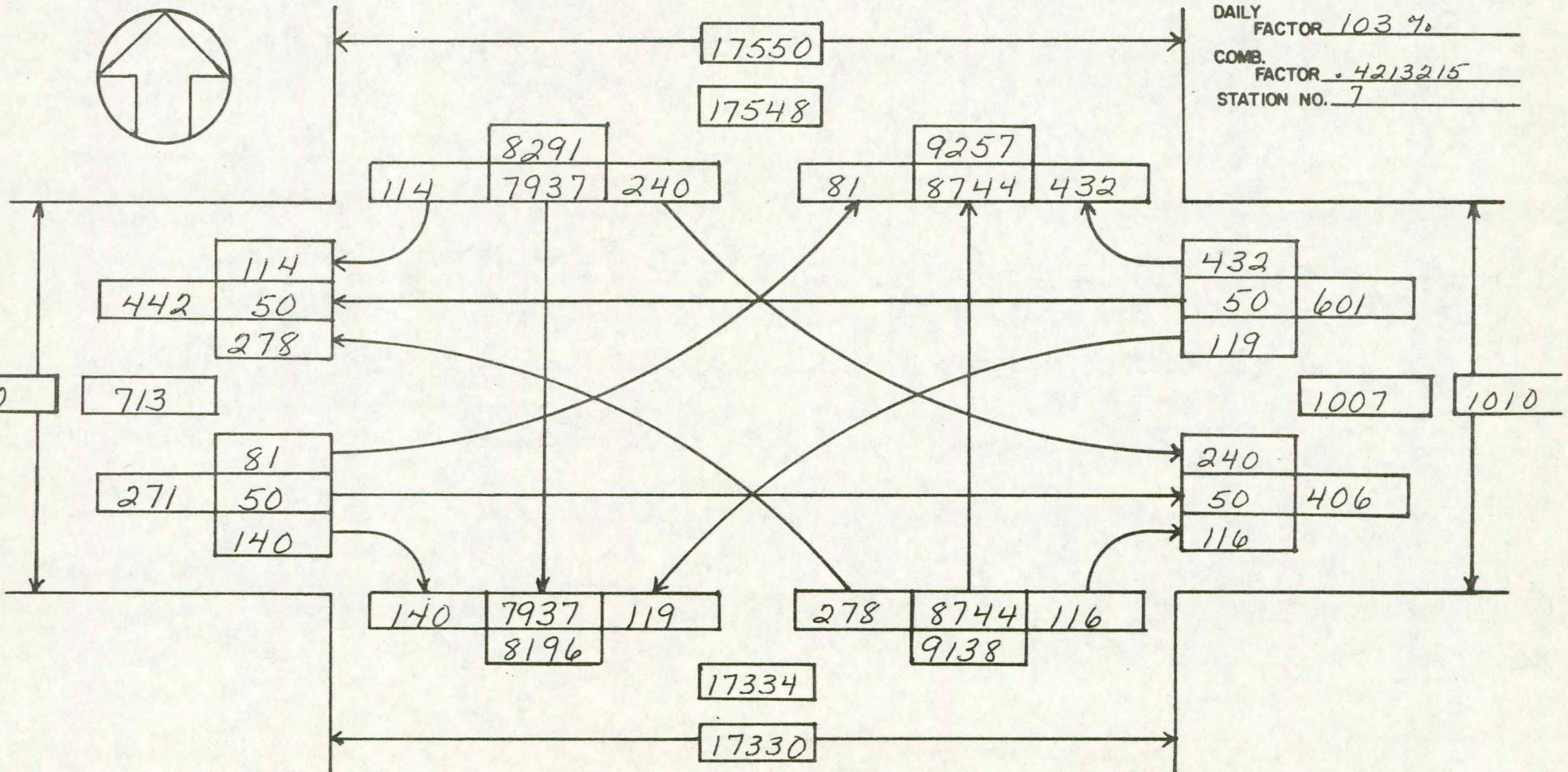
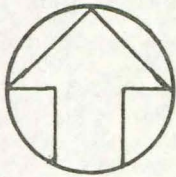
DATE 7-15-80

DAY Tuesday WEATHER sunny

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 40.5%  
 MONTHLY FACTOR 101%  
 DAILY FACTOR 103%  
 COMB. FACTOR .4213215  
 STATION NO. 7



## Accident Summary

14TH & JACKSON

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 2                          | Sideswipe             | 2                          |
| 10:00 a.m. - 2:00 p.m. | 5                          | Rear End              | 6                          |
| 2:00 p.m. - 6:00 p.m.  | 5                          | Right Angle           | 6                          |
| 6:00 p.m. - 10:00 p.m. | 3                          | Left Turn             | 3                          |
| 10:00 p.m. - 2:00 a.m. | 2                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   | Other                 | <u>0</u>                   |
| Totals                 | 17                         | Totals                | 17                         |

| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 4                          | North ( Southbound )         | 14                        |
| Spring ( March - May ) | 6                          | South ( Northbound )         | 3                         |
| Summer ( June - Aug. ) | 5                          | East ( Westbound )           | 7                         |
| Fall ( Sept. - Nov. )  | <u>2</u>                   | West ( Eastbound )           | <u>10</u>                 |
| Totals                 | 17                         | Totals                       | 34                        |

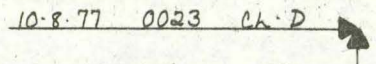
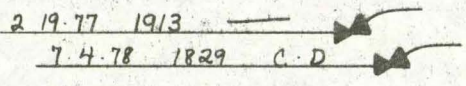
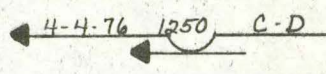
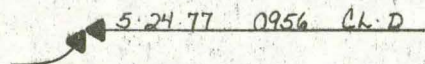
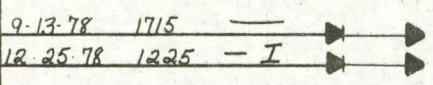
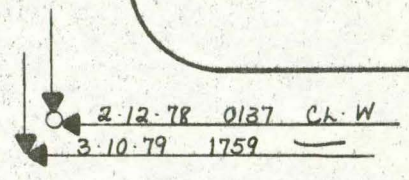
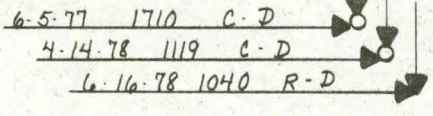
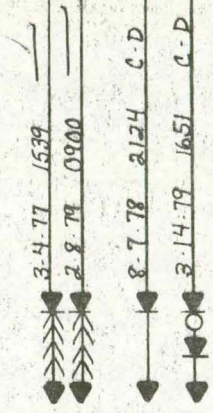
| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 10                         | 1976                   | 0              |
| Icy                       | 1                          | 1977                   | 3              |
| Wet                       | <u>1</u>                   | 1978                   | 3.9            |
| Totals                    | 12                         | 1979                   | <u>3</u>       |
|                           |                            | 4 year Average         | 3.3            |





INDICATE NORTH BY ARROW

# COLLISION DIAGRAM



14TH  
NAME



JACKSON  
NAME

## - SYMBOLS -

- MOVING VEHICLE
- BACKING VEHICLE
- NON-INV. VEHICLE
- PEDESTRIAN
- PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- REAR END
- HEAD ON
- SIDE SWIPE
- OUT OF CONTROL
- LEFT TURN
- RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 14TH AND JACKSON  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

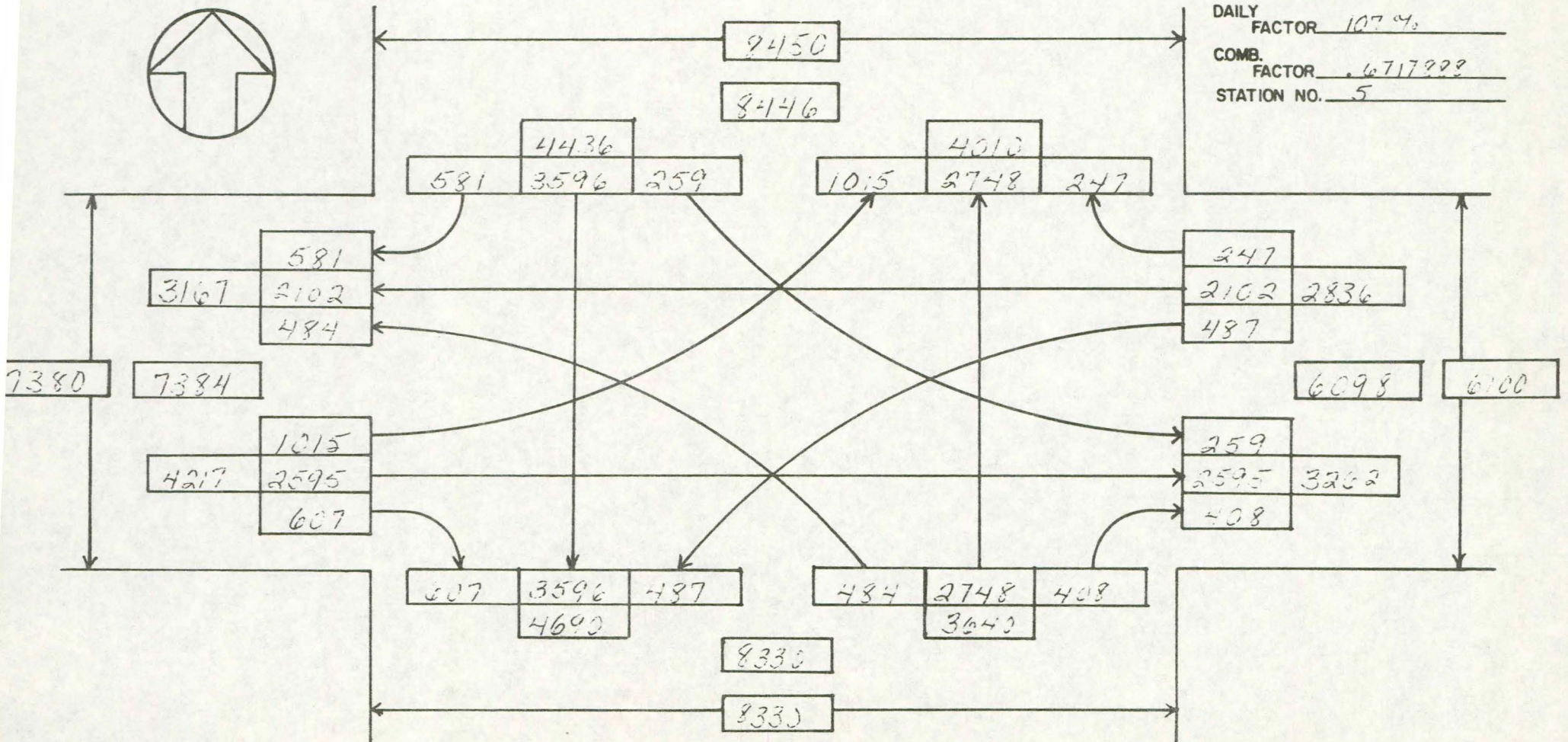
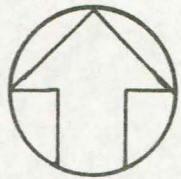
FLOW DIAGRAM

INTERSECTION 14th + Jackson Sts

DATE 7-12-79 DAY Thursday WEATHER clear + hot

HOURS COUNTED 7-12am; 1-6pm HOURS SHOWN 24 hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 65.4%  
 MONTHLY FACTOR 9.6%  
 DAILY FACTOR 107%  
 COMB. FACTOR .6717???  
 STATION NO. 5



## Accident Summary

GORDON & MAGNOLIA

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 0                          | Sideswipe             | 0                          |
| 10:00 a.m. - 2:00 p.m. | 2                          | Rear End              | 0                          |
| 2:00 p.m. - 6:00 p.m.  | 11                         | Right Angle           | 15                         |
| 6:00 p.m. - 10:00 p.m. | 3                          | Left Turn             | 0                          |
| 10:00 p.m. - 2:00 a.m. | 0                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   | Other                 | <u>1</u>                   |
| <b>Totals</b>          | 16                         | <b>Totals</b>         | 16                         |

| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 3                          | North ( Southbound )         | 0                         |
| Spring ( March - May ) | 3                          | South ( Northbound )         | 16                        |
| Summer ( June - Aug. ) | 6                          | East ( Westbound )           | 2                         |
| Fall ( Sept. - Nov. )  | <u>4</u>                   | West ( Eastbound )           | <u>14</u>                 |
| <b>Totals</b>          | 16                         | <b>Totals</b>                | 32                        |

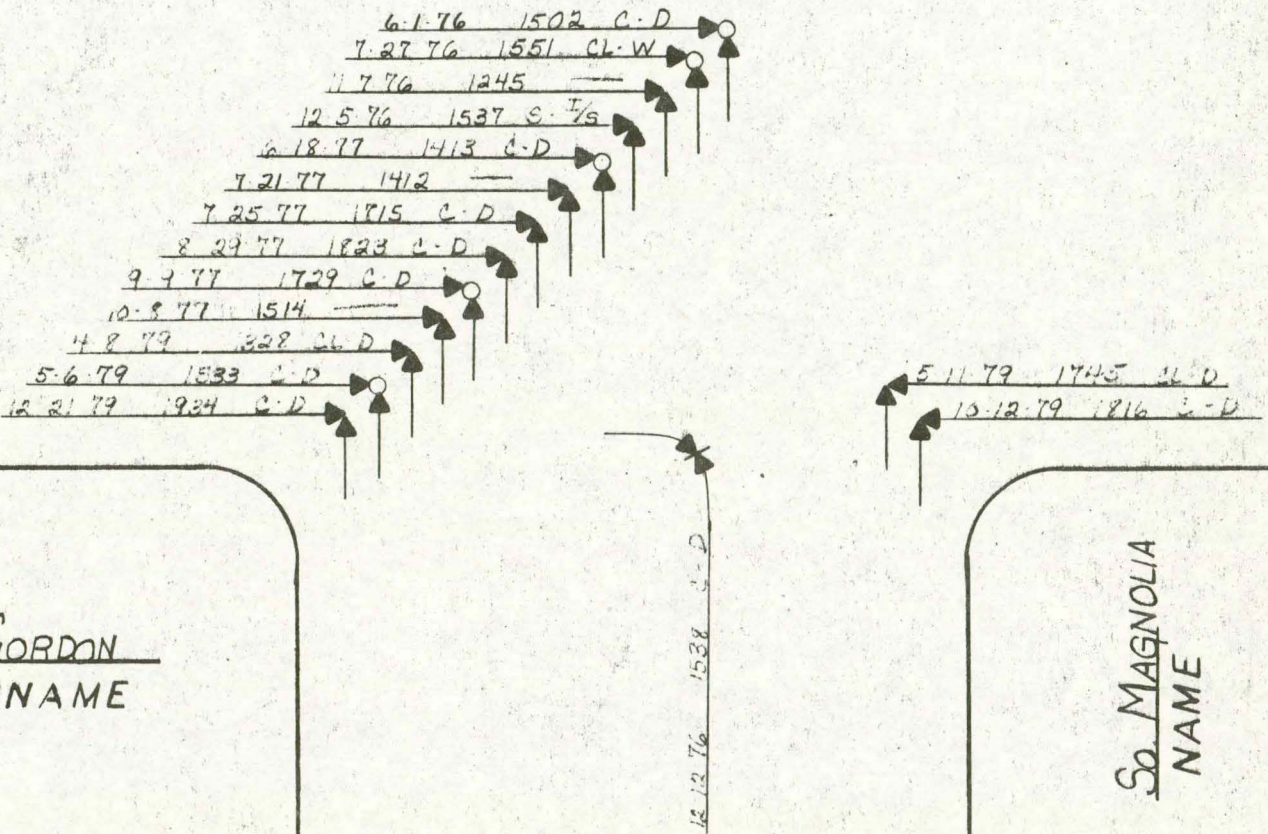
  

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 11                         | 1976                   | 4              |
| Icy                       | 1                          | 1977                   | 3.5            |
| Wet                       | <u>1</u>                   | 1978                   | 0              |
| <b>Totals</b>             | 13                         | 1979                   | <u>4</u>       |
|                           |                            | 4 year Average         | 3.9            |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM



GORDON  
NAME

So. MAGNOLIA  
NAME

- SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ←- - - NON-INV. VEHICLE
- X- - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←~~~~ OUT OF CONTROL
- ←↪ LEFT TURN
- ↑ RIGHT ANGLE

WEATHER ROAD  
CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION GORDON AND So. MAGNOLIA  
 PERIOD 4 YEARS : FROM 1976 TO 1979

# VEHICLE VOLUME COUNT

## FLOW DIAGRAM

INTERSECTION Gordon Dr. & Magnolia

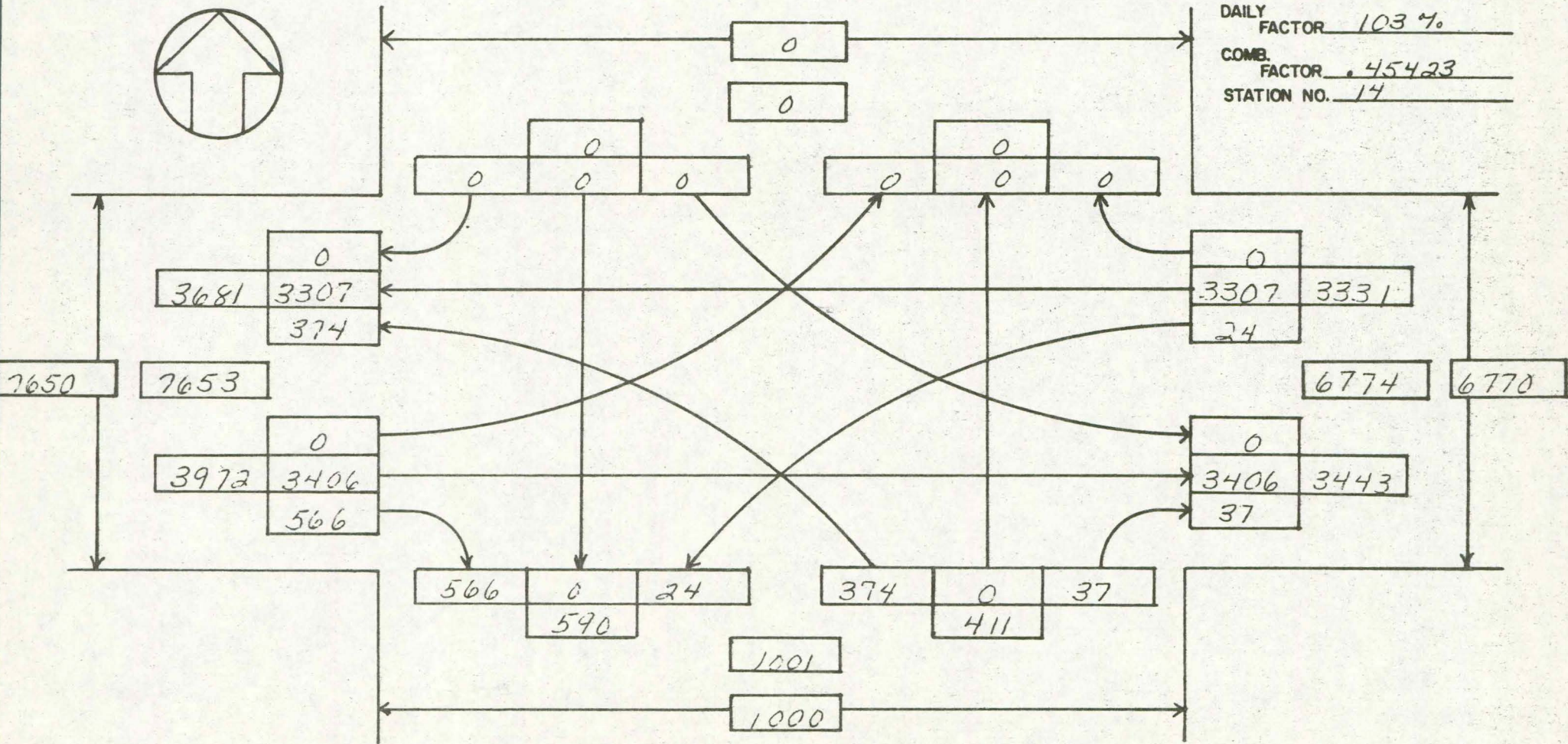
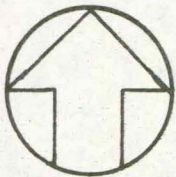
DATE 7-8-80

DAY Tuesday WEATHER partly cloudy - sunny

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 44.1%  
 MONTHLY FACTOR 100%  
 DAILY FACTOR 103%  
 COMB. FACTOR .45423  
 STATION NO. 17



### Accident Summary

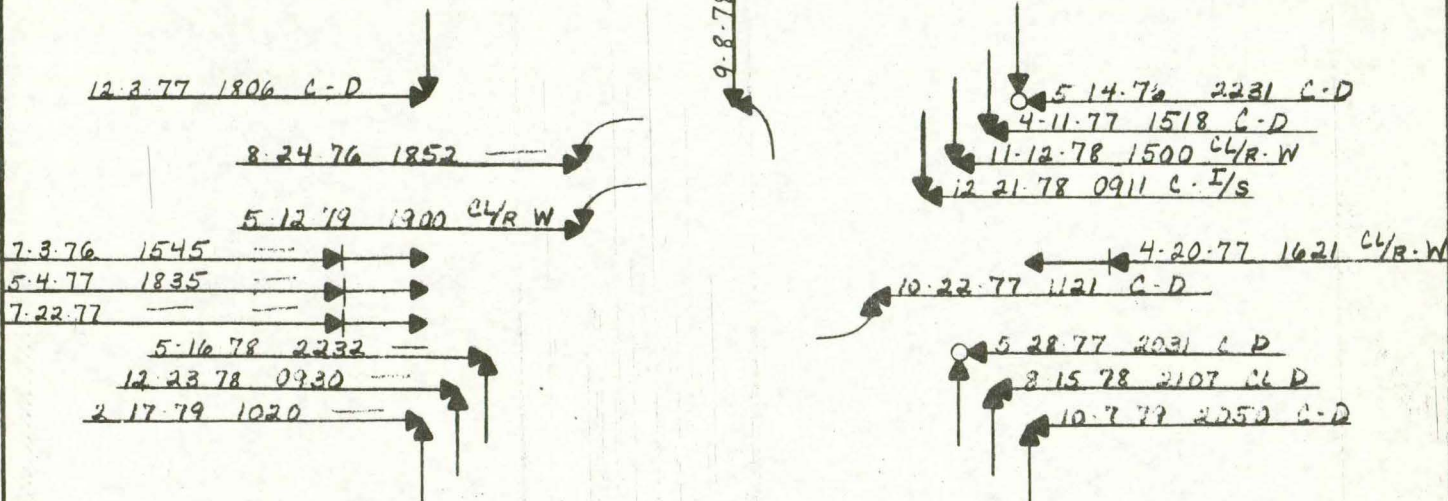
W.7th & Omaha

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">4</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">7</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">18</td> </tr> </tbody> </table> | <u>Time of Day</u>             | <u>Number of<br/>Accidents</u> | 6:00 a.m. - 10:00 a.m. | 2 | 10:00 a.m. - 2:00 p.m. | 3 | 2:00 p.m. - 6:00 p.m. | 4        | 6:00 p.m. - 10:00 p.m. | 7        | 10:00 p.m. - 2:00 a.m.  | 2                      | 2:00 a.m. - 6:00 a.m.  | <u>0</u>                     | <b>Totals</b>                 | 18                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">4</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">11</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">4</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">19</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> | Sideswipe          | 0        | Rear End           | 4         | Right Angle   | 11 | Left Turn | 4 | Pedestrian | 0 | Other | <u>0</u> | <b>Totals</b> | 19 |
|---|--------------------------------|--------------------------------|------------------------|---|------------------------|---|-----------------------|----------|------------------------|----------|---|------------------------|--|------------------------------|-------------------------------|----------------------|---|-----------------------|--------------------------------|--------------------|----------|--------------------|-----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>  | <u>Number of<br/>Accidents</u> |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.  | 2                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.  | 3                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.   | 4                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.  | 7                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.  | 2                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.   | <u>0</u>                       |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 18                             |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>   | <u>Number of<br/>Accidents</u> |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Sideswipe   | 0                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Rear End  | 4                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Right Angle   | 11                             |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Left Turn   | 4                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Pedestrian  | 0                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Other   | <u>0</u>                       |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 19                             |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb.)</td> <td style="text-align: center;">4</td> </tr> <tr> <td>Spring ( March - May)</td> <td style="text-align: center;">7</td> </tr> <tr> <td>Summer ( June - Aug.)</td> <td style="text-align: center;">4</td> </tr> <tr> <td>Fall ( Sept. - Nov.)</td> <td style="text-align: center;"><u>4</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">19</td> </tr> </tbody> </table>   | <u>Time of Year</u>            | <u>Number of<br/>Accidents</u> | Winter ( Dec. - Feb.)  | 4 | Spring ( March - May)  | 7 | Summer ( June - Aug.) | 4        | Fall ( Sept. - Nov.)   | <u>4</u> | <b>Totals</b>   | 19                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of<br/>Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">6</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">7</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">12</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>13</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">38</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> | North ( Southbound ) | 6   | South ( Northbound )  | 7                              | East ( Westbound ) | 12       | West ( Eastbound ) | <u>13</u> | <b>Totals</b> | 38 |           |   |            |   |       |          |               |    |
| <u>Time of Year</u>   | <u>Number of<br/>Accidents</u> |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb.)   | 4                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May)   | 7                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug.)   | 4                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov.)  | <u>4</u>                       |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 19                             |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>  | <u>Number of<br/>Vehicles</u>  |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )  | 6                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )  | 7                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )  | 12                             |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )  | <u>13</u>                      |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 38                             |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">6</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>3</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">10</td> </tr> </tbody> </table>   | <u>Pavement Condition</u>      | <u>Number of<br/>Accidents</u> | Dry                    | 6 | Icy                    | 1 | Wet                   | <u>3</u> | <b>Totals</b>          | 10       | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">4</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">3.5</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;">4 year Average</td> <td style="text-align: center;">3.7</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>   | 1976                         | 4                             | 1977                 | 3.5   | 1978                  | 0                              | 1979               | <u>0</u> | 4 year Average     | 3.7       |               |    |           |   |            |   |       |          |               |    |
| <u>Pavement Condition</u>   | <u>Number of<br/>Accidents</u> |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Dry   | 6                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Icy   | 1                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Wet   | <u>3</u>                       |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 10                             |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>  | <u>Average</u>                 |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1976  | 4                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1977  | 3.5                            |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1978  | 0                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1979  | <u>0</u>                       |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 4 year Average  | 3.7                            |                                |                        |   |                        |   |                       |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM



W. 7TH  
NAME

OMAHA  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←eee OUT OF CONTROL
- ←↙ LEFT TURN
- ↑ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION W. 7TH AND OMAHA  
 PERIOD 4 YEARS : FROM 1976 TO 1979

# VEHICLE VOLUME COUNT

## FLOW DIAGRAM

INTERSECTION W. 7th & Omaha Sts.

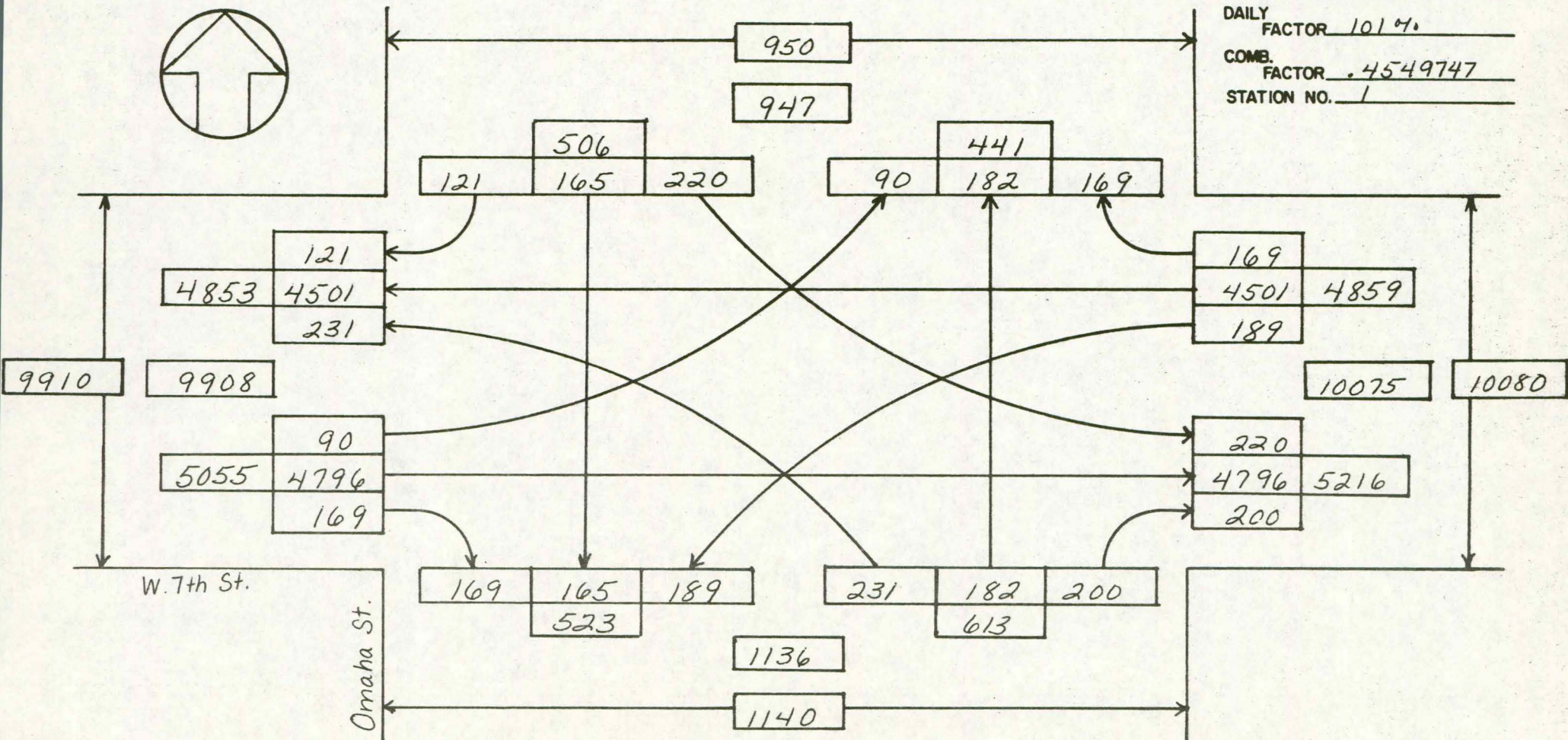
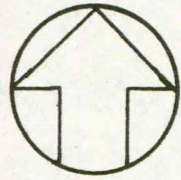
DATE 7-16-80

DAY Wednesday WEATHER sunny

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 Hrs. factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 42.1%  
 MONTHLY FACTOR 107%  
 DAILY FACTOR 101%  
 COMB. FACTOR .4549747  
 STATION NO. 1





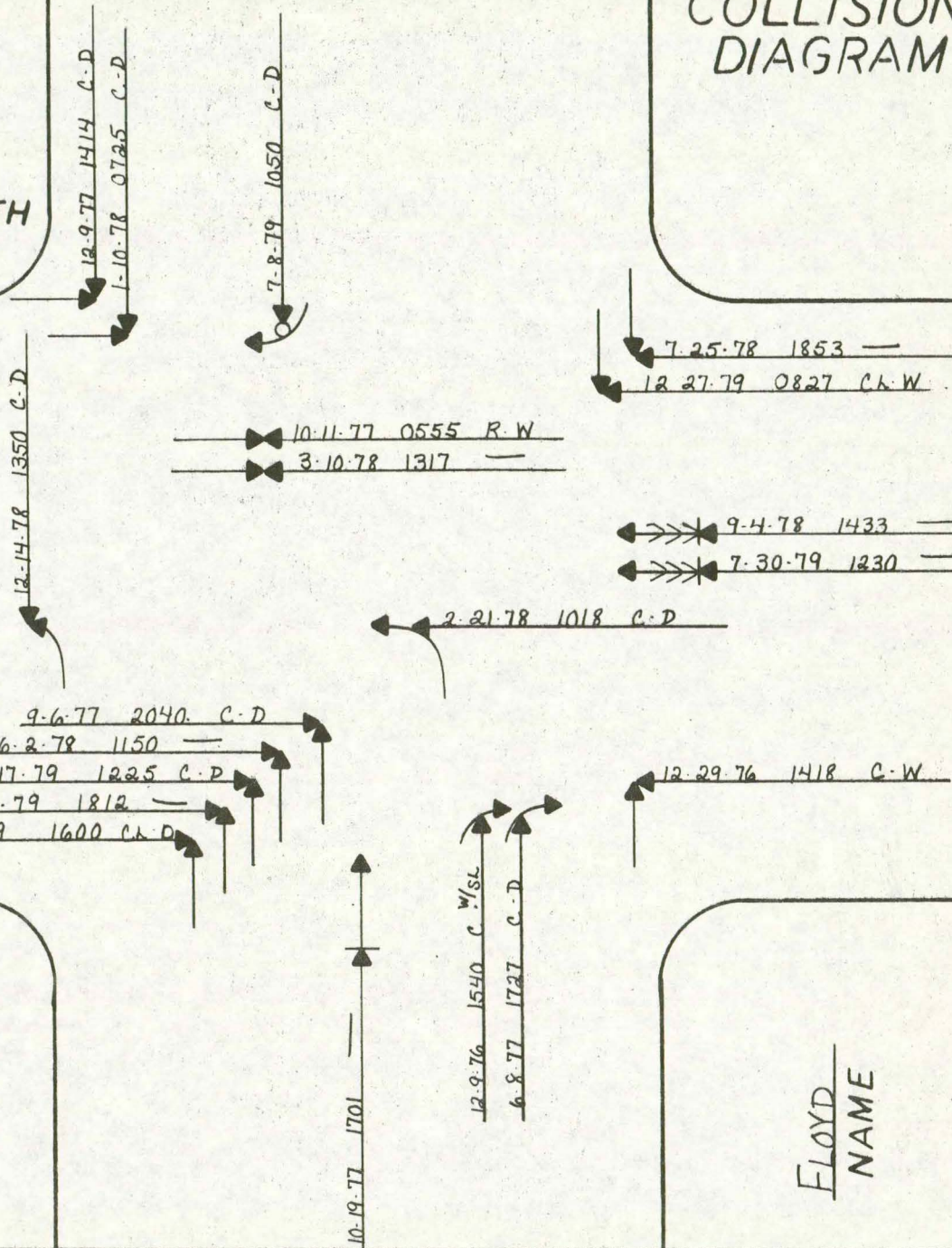
## Accident Summary

11TH & FLOYD

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">1</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">8</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">7</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>1</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">20</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 1 | 10:00 a.m. - 2:00 p.m. | 8 | 2:00 p.m. - 6:00 p.m.  | 7        | 6:00 p.m. - 10:00 p.m. | 3        | 10:00 p.m. - 2:00 a.m.  | 0                      | 2:00 a.m. - 6:00 a.m.   | <u>1</u>                     | <b>Totals</b>             | 20                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">10</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>6</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">20</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0        | Rear End              | 3        | Right Angle   | 10 | Left Turn | 1 | Pedestrian | 0 | Other | <u>6</u> | <b>Totals</b> | 20 |
|--|----------------------------|----------------------------|------------------------|---|------------------------|---|------------------------|----------|------------------------|----------|---|------------------------|---|------------------------------|---------------------------|----------------------|--|-----------------------|----------------------------|--------------------|----------|-----------------------|----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.   | 1                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.   | 8                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.  | 7                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.   | 3                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.  | <u>1</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 20                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Sideswipe  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Rear End   | 3                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Right Angle  | 10                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Left Turn  | 1                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Pedestrian   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Other  | <u>6</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 20                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">8</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;"><u>5</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">20</td> </tr> </tbody> </table>   | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb. ) | 8 | Spring ( March - May ) | 2 | Summer ( June - Aug. ) | 5        | Fall ( Sept. - Nov. )  | <u>5</u> | <b>Totals</b>   | 20                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">7</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">14</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">10</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>9</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">40</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 7  | South ( Northbound )  | 14                         | East ( Westbound ) | 10       | West ( Eastbound )    | <u>9</u> | <b>Totals</b> | 40 |           |   |            |   |       |          |               |    |
| <u>Time of Year</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb. )   | 8                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May )   | 2                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug. )   | 5                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov. )  | <u>5</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 20                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>   | <u>Number of Vehicles</u>  |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )   | 7                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )   | 14                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )   | 10                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )   | <u>9</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 40                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">9</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>4</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">13</td> </tr> </tbody> </table>   | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 9 | Icy                    | 0 | Wet                    | <u>4</u> | <b>Totals</b>          | 13       | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>4</u></td> </tr> <tr> <td><b>4 year Average</b></td> <td style="text-align: center;">4</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>  | 1976                         | 0                         | 1977                 | 0  | 1978                  | 0                          | 1979               | <u>4</u> | <b>4 year Average</b> | 4        |               |    |           |   |            |   |       |          |               |    |
| <u>Pavement Condition</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Dry  | 9                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Icy  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Wet  | <u>4</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 13                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>   | <u>Average</u>             |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 1976   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 1977   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 1978   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 1979   | <u>4</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>4 year Average</b>  | 4                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |

# COLLISION DIAGRAM

INDICATE NORTH  
BY ARROW



## - SYMBOLS -

- ← MOVING VEHICLE
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- ☐ PARKED VEHICLE
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## TYPE OF COLLISION

- ←\* REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
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## WEATHER ROAD CONDITIONS

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| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 11TH AND FLOYD  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 11th \* Floyd Blvd

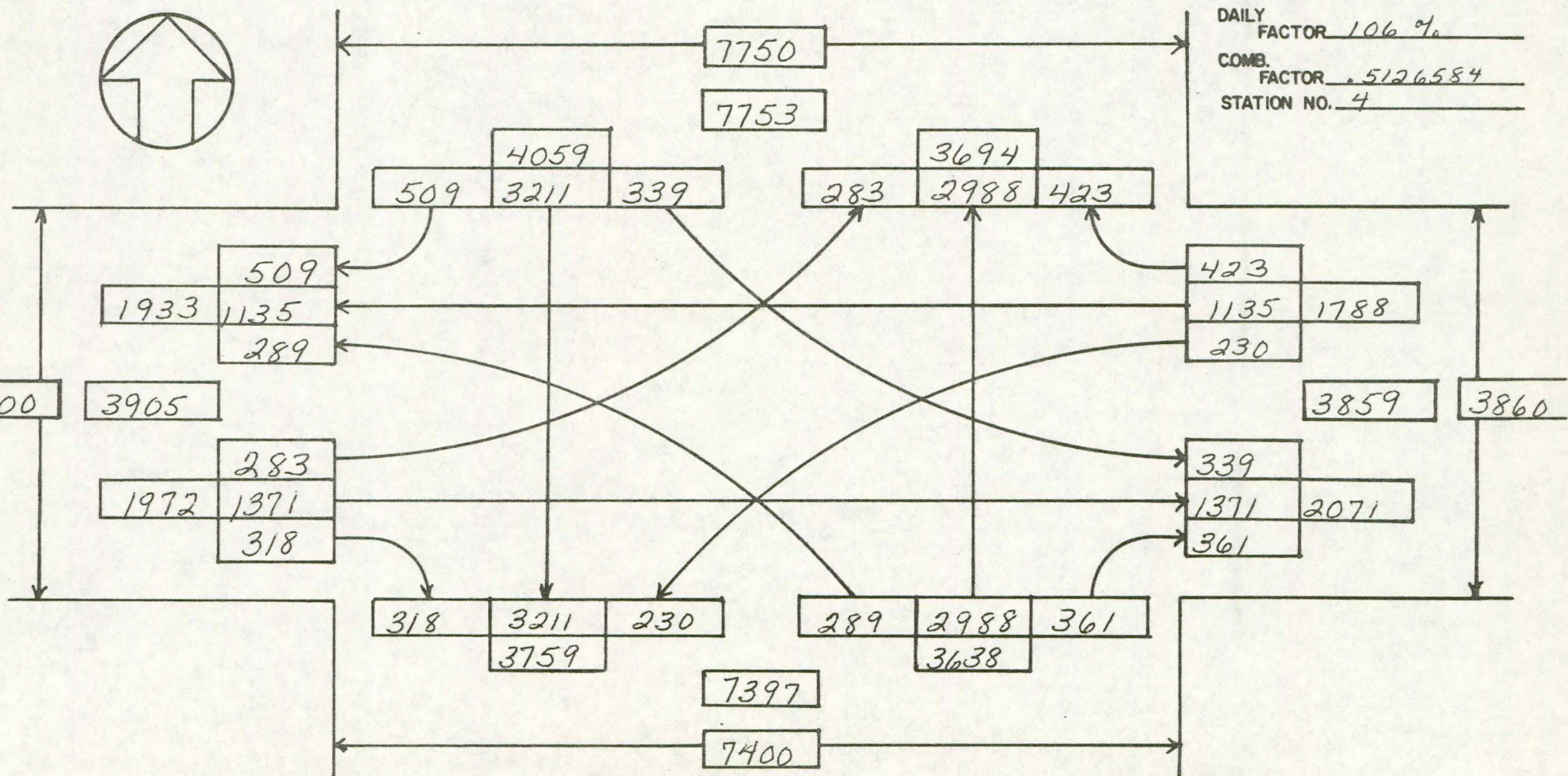
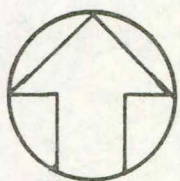
DATE 6-26-80 \* 6-27-80

DAY Thurs \* Fri WEATHER sunny - hot

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 45.2%  
 MONTHLY FACTOR 107%  
 DAILY FACTOR 106%  
 COMB. FACTOR .5126584  
 STATION NO. 4



## Accident Summary

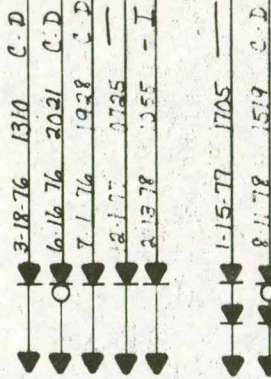
20TH & PIERCE

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">1</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">5</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">6</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">1</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">16</td> </tr> </tbody> </table> | <u>Time of Day</u>             | <u>Number of<br/>Accidents</u> | 6:00 a.m. - 10:00 a.m. | 1 | 10:00 a.m. - 2:00 p.m. | 5 | 2:00 p.m. - 6:00 p.m. | 6        | 6:00 p.m. - 10:00 p.m. | 3        | 10:00 p.m. - 2:00 a.m.  | 1                      | 2:00 a.m. - 6:00 a.m.   | <u>0</u>                     | <b>Totals</b>                 | 16                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">9</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">6</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">16</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> | Sideswipe          | 1        | Rear End           | 9        | Right Angle   | 6  | Left Turn | 0 | Pedestrian | 0 | Other | <u>0</u> | <b>Totals</b> | 16 |
|---|--------------------------------|--------------------------------|------------------------|---|------------------------|---|-----------------------|----------|------------------------|----------|---|------------------------|---|------------------------------|-------------------------------|----------------------|--|-----------------------|--------------------------------|--------------------|----------|--------------------|----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>  | <u>Number of<br/>Accidents</u> |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.  | 1                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.  | 5                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.   | 6                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.  | 3                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
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| 2:00 a.m. - 6:00 a.m.   | <u>0</u>                       |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 16                             |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>   | <u>Number of<br/>Accidents</u> |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Sideswipe   | 1                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Rear End  | 9                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Right Angle   | 6                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Left Turn   | 0                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Pedestrian  | 0                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Other   | <u>0</u>                       |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 16                             |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
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| <u>Time of Year</u>   | <u>Number of<br/>Accidents</u> |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb.)   | 4                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May)   | 4                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug.)   | 7                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov.)  | <u>1</u>                       |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 16                             |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>  | <u>Number of<br/>Vehicles</u>  |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )  | 22                             |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )  | 2                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )  | 3                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )  | <u>7</u>                       |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 34                             |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
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| <u>Pavement Condition</u>   | <u>Number of<br/>Accidents</u> |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Dry   | 7                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Icy   | 1                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| Wet   | <u>0</u>                       |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 8                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>  | <u>Average</u>                 |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 1976  | 4                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 1977  | 0                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 1978  | 4                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 1979  | <u>0</u>                       |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |
| 4 year Average  | 4                              |                                |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                               |                      |  |                       |                                |                    |          |                    |          |               |    |           |   |            |   |       |          |               |    |

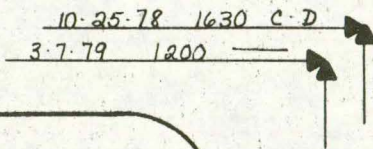
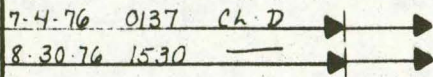
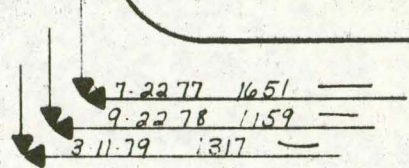
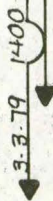


INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM



6-27-77 2014 C.D. (down arrow)



20TH  
NAME

PIERCE  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ☐ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←+← REAR END
- ←+ HEAD ON
- ←+ SIDE SWIPE
- ←+ OUT OF CONTROL
- ←+ LEFT TURN
- ↑+ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION 20TH AND PIERCE  
PERIOD 4 YEARS : FROM 1976 TO 1979

# VEHICLE VOLUME COUNT

## FLOW DIAGRAM

INTERSECTION 20th + Pierce Sts

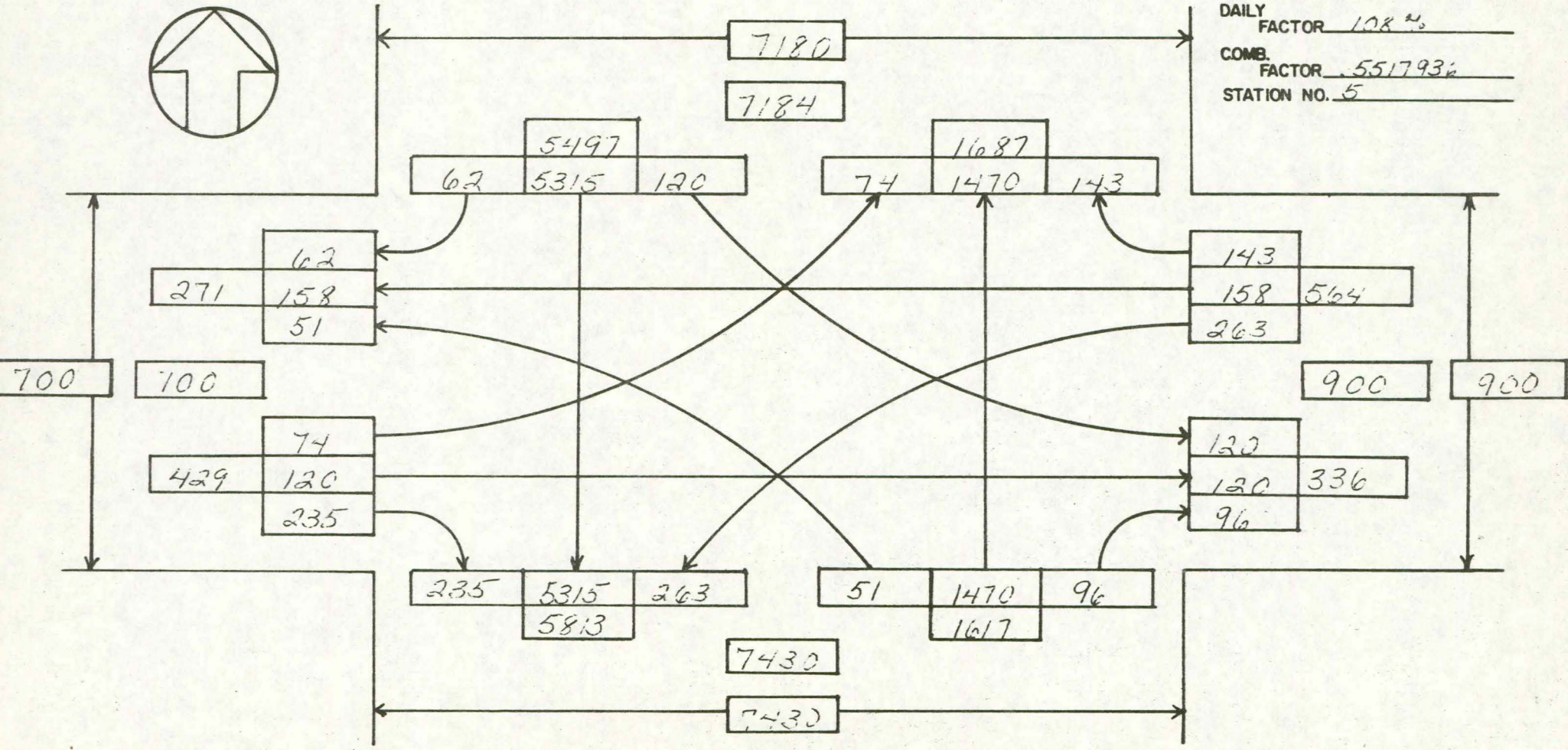
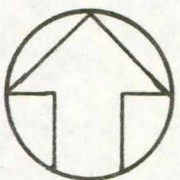
DATE 8-21-79

DAY Tuesday WEATHER ---

HOURS COUNTED 7-9am; 11-1pm, 3-6pm

HOURS SHOWN 24 hrs factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 48.2%  
 MONTHLY FACTOR 106%  
 DAILY FACTOR 108%  
 COMB. FACTOR .5517936  
 STATION NO. 5



**Accident Summary**  
W. 19TH & ISABELLA

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">1</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">1</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;"><b>8</b></td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 1 | 10:00 a.m. - 2:00 p.m. | 2 | 2:00 p.m. - 6:00 p.m.  | 2        | 6:00 p.m. - 10:00 p.m. | 2        | 10:00 p.m. - 2:00 a.m.   | 1                      | 2:00 a.m. - 6:00 a.m.   | <u>0</u>                     | <b>Totals</b>             | <b>8</b>             | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>2</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;"><b>9</b></td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0        | Rear End           | 1        | Right Angle   | 3         | Left Turn | 3 | Pedestrian | 0 | Other | <u>2</u> | <b>Totals</b> | <b>9</b> |
|---|----------------------------|----------------------------|------------------------|---|------------------------|---|------------------------|----------|------------------------|----------|--|------------------------|---|------------------------------|---------------------------|----------------------|--|-----------------------|----------------------------|--------------------|----------|--------------------|----------|---------------|-----------|-----------|---|------------|---|-------|----------|---------------|----------|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| 6:00 a.m. - 10:00 a.m.  | 1                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| 10:00 a.m. - 2:00 p.m.  | 2                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| 2:00 p.m. - 6:00 p.m.   | 2                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| 6:00 p.m. - 10:00 p.m.  | 2                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| 10:00 p.m. - 2:00 a.m.  | 1                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| 2:00 a.m. - 6:00 a.m.   | <u>0</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| <b>Totals</b>   | <b>8</b>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| <u>Accidents Type</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| Sideswipe   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| Rear End  | 1                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| Right Angle   | 3                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| Left Turn   | 3                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| Pedestrian  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| Other   | <u>2</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| <b>Totals</b>   | <b>9</b>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;"><u>2</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;"><b>9</b></td> </tr> </tbody> </table>   | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb. ) | 5 | Spring ( March - May ) | 0 | Summer ( June - Aug. ) | 2        | Fall ( Sept. - Nov. )  | <u>2</u> | <b>Totals</b>  | <b>9</b>               | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">2</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">1</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">8</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>6</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;"><b>17</b></td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 2  | South ( Northbound )  | 1                          | East ( Westbound ) | 8        | West ( Eastbound ) | <u>6</u> | <b>Totals</b> | <b>17</b> |           |   |            |   |       |          |               |          |
| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| Winter ( Dec. - Feb. )  | 5                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| Spring ( March - May )  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| Summer ( June - Aug. )  | 2                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| Fall ( Sept. - Nov. )   | <u>2</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| <b>Totals</b>   | <b>9</b>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| North ( Southbound )  | 2                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| South ( Northbound )  | 1                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| East ( Westbound )  | 8                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| West ( Eastbound )  | <u>6</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| <b>Totals</b>   | <b>17</b>                  |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">7</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>1</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;"><b>8</b></td> </tr> </tbody> </table>   | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 7 | Icy                    | 0 | Wet                    | <u>1</u> | <b>Totals</b>          | <b>8</b> | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">3</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;">4 year Average</td> <td style="text-align: center;"><b>3</b></td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>  | 1976                         | 0                         | 1977                 | 3  | 1978                  | 0                          | 1979               | <u>0</u> | 4 year Average     | <b>3</b> |               |           |           |   |            |   |       |          |               |          |
| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| Dry   | 7                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| Icy   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| Wet   | <u>1</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| <b>Totals</b>   | <b>8</b>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| 1976  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| 1977  | 3                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| 1978  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| 1979  | <u>0</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |
| 4 year Average  | <b>3</b>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |          |               |           |           |   |            |   |       |          |               |          |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM

10-30-76 2106 CL-D

1-27-78 0806 C-D

6-6-78 1900 C-D

1-5-78 2312

12-27-78 12-57 C-D

11-3-79 1315 C-D

8-27-76 1403 CL-D

2-20-77 1735 C-D

12-12-78 PM C-W

W. 19TH  
NAME

ISABELLA  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←eeee OUT OF CONTROL
- ←↙ LEFT TURN
- ↑ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION W. 19TH AND ISABELLA  
PERIOD 4 YEARS : FROM 1976 TO 1979



TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION W. 19th + Isabella Sts.

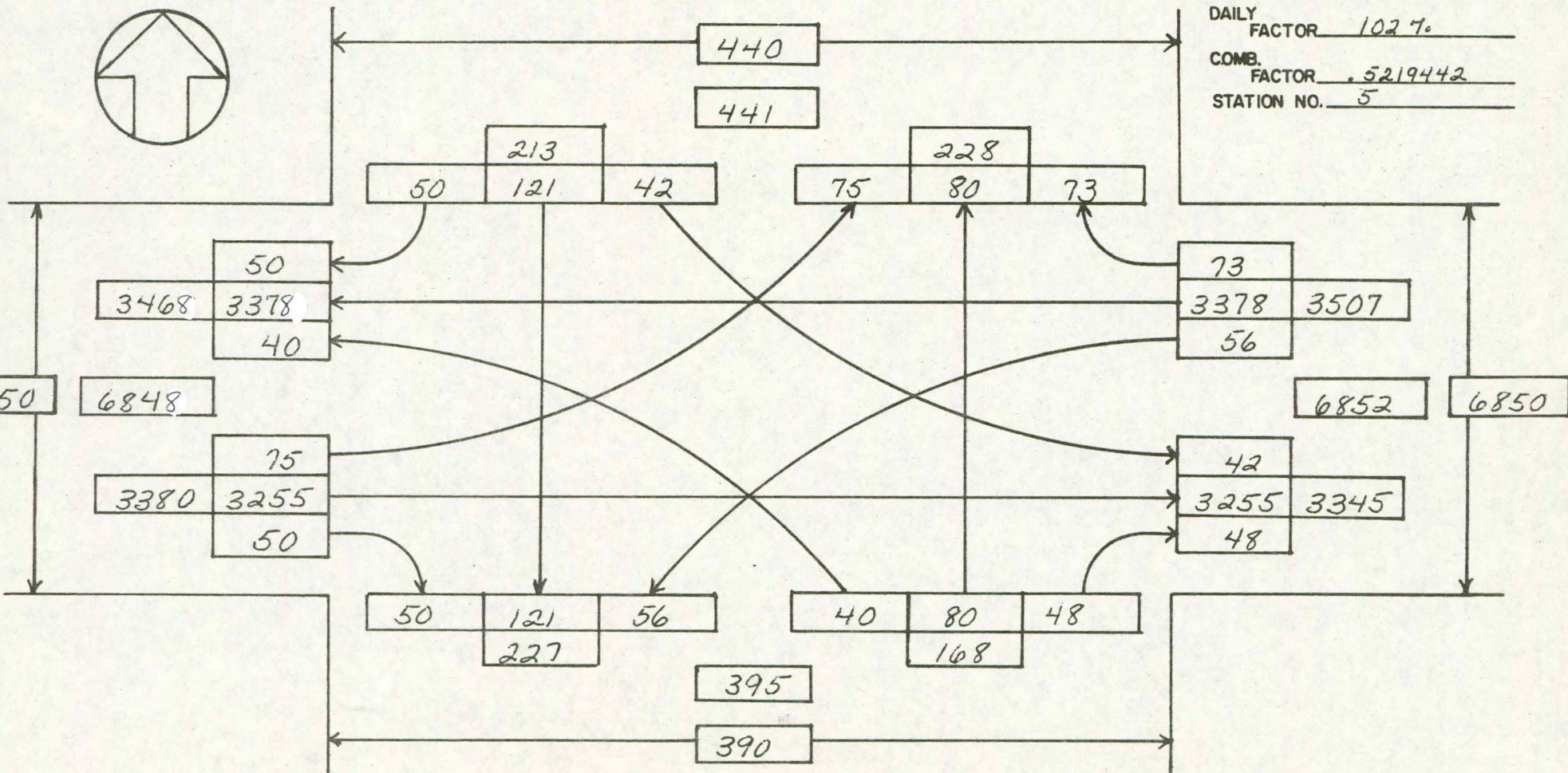
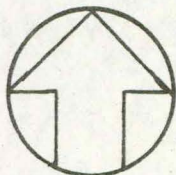
DATE 6-3-80

DAY Tuesday WEATHER clear

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 Hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 46.1%  
 MONTHLY FACTOR 111%  
 DAILY FACTOR 102%  
 COMB. FACTOR .5219442  
 STATION NO. 5



## Accident Summary

GORDON & DACE

| <u>Time of Day</u>     | <u>Number of<br/>Accidents</u> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| 6:00 a.m. - 10:00 a.m. | 5                              | Sideswipe             | 0                              |
| 10:00 a.m. - 2:00 p.m. | 4                              | Rear End              | 6                              |
| 2:00 p.m. - 6:00 p.m.  | 4                              | Right Angle           | 3                              |
| 6:00 p.m. - 10:00 p.m. | 3                              | Left Turn             | 3                              |
| 10:00 p.m. - 2:00 a.m. | 2                              | Pedestrian            | 0                              |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                       | Other                 | <u>6</u>                       |
| <b>Totals</b>          | <b>18</b>                      | <b>Totals</b>         | <b>18</b>                      |

| <u>Time of Year</u>    | <u>Number of<br/>Accidents</u> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> |
|------------------------|--------------------------------|------------------------------|-------------------------------|
| Winter ( Dec. - Feb. ) | 4                              | North ( Southbound )         | 2                             |
| Spring ( March - May ) | 7                              | South ( Northbound )         | 13                            |
| Summer ( June - Aug. ) | 5                              | East ( Westbound )           | 15                            |
| Fall ( Sept. - Nov. )  | <u>2</u>                       | West ( Eastbound )           | <u>5</u>                      |
| <b>Totals</b>          | <b>18</b>                      | <b>Totals</b>                | <b>35</b>                     |

| <u>Pavement Condition</u> | <u>Number of<br/>Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|--------------------------------|------------------------|----------------|
| Dry                       | 8                              | 1976                   | 0              |
| Icy                       | 0                              | 1977                   | 3              |
| Wet                       | <u>3</u>                       | 1978                   | 3.5            |
| <b>Totals</b>             | <b>11</b>                      | 1979                   | <u>3.6</u>     |
|                           |                                | <b>4 year Average</b>  | <b>3.4</b>     |

# COLLISION DIAGRAM

HOWARD JOHNSON DRIVEWAY

INDICATE NORTH BY ARROW



1-21-77 0140 R-W

8-23-78 1644 C-D

3-11-79 0928 C-D

- 12-2-77 1514 S-W
- 3-11-78 1125 —
- 5-12-78 0730 CL-W
- 11-12-78 0045 —
- 12-27-78 1325 —

- 6-18-77 1825 C-D
- 9-20-77 1255 C-D
- 5-9-78 1727 C-D

7-29-77 1230 —

- 3-5-76 0743 —
- 4-20-78 1955 C-D

1-19-79 1655 C-D

4-19-76 2945

2-17-78 2130

1-22-76 0830

GORDON  
NAME

DACE  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←eee OUT OF CONTROL
- ←↙ LEFT TURN
- ↑ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION GORDON DR AND DACE  
 PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION Gordon Dr. & Dace

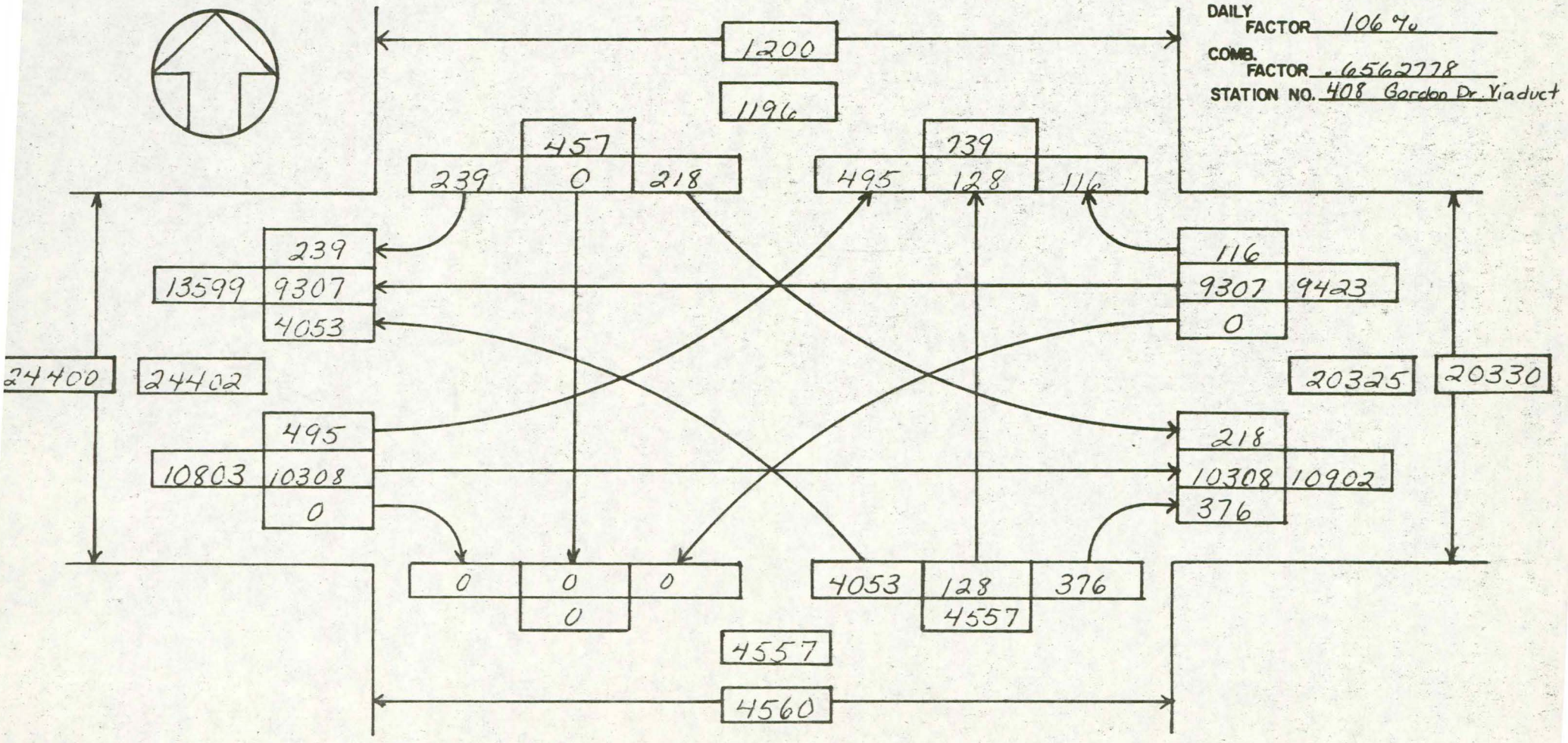
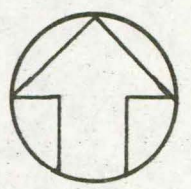
DATE 7 26 79

DAY Thursday WEATHER pavement dry

HOURS COUNTED 7-12am; 1-6pm

HOURS SHOWN 24 Hrs. factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 61.3%  
 MONTHLY FACTOR 101%  
 DAILY FACTOR 106%  
 COMB. FACTOR 6562778  
 STATION NO. 408 Gordon Dr. Viaduct



## Accident Summary

6TH & PEARL

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 5                          | Sideswipe             | 0                          |
| 10:00 a.m. - 2:00 p.m. | 9                          | Rear End              | 6                          |
| 2:00 p.m. - 6:00 p.m.  | 4                          | Right Angle           | 13                         |
| 6:00 p.m. - 10:00 p.m. | 3                          | Left Turn             | 0                          |
| 10:00 p.m. - 2:00 a.m. | 1                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   | Other                 | <u>3</u>                   |
| Totals                 | 22                         | Totals                | 22                         |

| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 10                         | North ( Southbound )         | 17                        |
| Spring ( March - May ) | 3                          | South ( Northbound )         | 0                         |
| Summer ( June - Aug. ) | 4                          | East ( Westbound )           | 29                        |
| Fall ( Sept. - Nov. )  | <u>5</u>                   | West ( Eastbound )           | <u>0</u>                  |
| Totals                 | 22                         | Totals                       | 46                        |

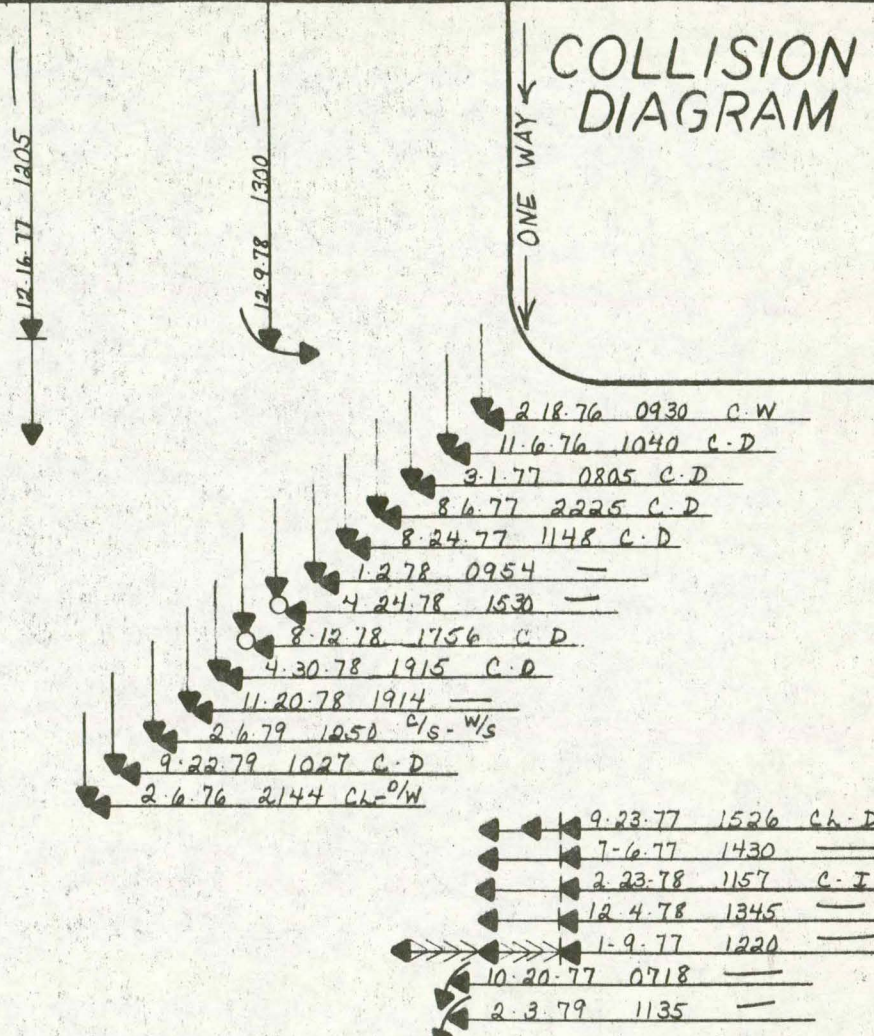
  

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 7                          | 1976                   | 0              |
| Icy                       | 1                          | 1977                   | 0              |
| Wet                       | <u>2</u>                   | 1978                   | 4              |
| Totals                    | 10                         | 1979                   | <u>0</u>       |
|                           |                            | 4 year Average         | 4              |



INDICATE NORTH BY ARROW

# COLLISION DIAGRAM



ONE WAY ←

GOTH  
NAME

ONE WAY ←

PEARL  
NAME

| - SYMBOLS -   | TYPE OF COLLISION  | WEATHER ROAD CONDITIONS   |         |       |           |       |        |        |        |       |          |          |       |       |        |         |            |           |
|---|--|---|---------|-------|-----------|-------|--------|--------|--------|-------|----------|----------|-------|-------|--------|---------|------------|-----------|
| <ul style="list-style-type: none"> <li>← MOVING VEHICLE</li> <li>←←← BACKING VEHICLE</li> <li>←- - - NON-INV. VEHICLE</li> <li>X - - - PEDESTRIAN</li> <li>▣ PARKED VEHICLE</li> <li>□ FIXED OBJECT</li> <li>● FATAL ACCIDENT</li> <li>○ INJURY ACCIDENT</li> </ul> | <ul style="list-style-type: none"> <li>←←← REAR END</li> <li>←→ HEAD ON</li> <li>←↘ SIDE SWIPE</li> <li>←~~~~ OUT OF CONTROL</li> <li>←↙ LEFT TURN</li> <li>↑ RIGHT ANGLE</li> </ul> | <p>WEATHER ROAD CONDITIONS</p> <table border="0"> <tr> <td>C-CLEAR</td> <td>D-DRY</td> </tr> <tr> <td>CL-CLOUDY</td> <td>W-WET</td> </tr> <tr> <td>R-RAIN</td> <td>S-SNOW</td> </tr> <tr> <td>S-SNOW</td> <td>I-ICE</td> </tr> <tr> <td>SL-SLEET</td> <td>SL-SLUSH</td> </tr> <tr> <td>F-FOG</td> <td>M-MUD</td> </tr> <tr> <td>M-MIST</td> <td>O-OTHER</td> </tr> <tr> <td>W-HIGHWIND</td> <td>(SPECIFY)</td> </tr> </table> | C-CLEAR | D-DRY | CL-CLOUDY | W-WET | R-RAIN | S-SNOW | S-SNOW | I-ICE | SL-SLEET | SL-SLUSH | F-FOG | M-MUD | M-MIST | O-OTHER | W-HIGHWIND | (SPECIFY) |
| C-CLEAR   | D-DRY  |   |         |       |           |       |        |        |        |       |          |          |       |       |        |         |            |           |
| CL-CLOUDY   | W-WET  |   |         |       |           |       |        |        |        |       |          |          |       |       |        |         |            |           |
| R-RAIN  | S-SNOW   |   |         |       |           |       |        |        |        |       |          |          |       |       |        |         |            |           |
| S-SNOW  | I-ICE  |   |         |       |           |       |        |        |        |       |          |          |       |       |        |         |            |           |
| SL-SLEET  | SL-SLUSH   |   |         |       |           |       |        |        |        |       |          |          |       |       |        |         |            |           |
| F-FOG   | M-MUD  |   |         |       |           |       |        |        |        |       |          |          |       |       |        |         |            |           |
| M-MIST  | O-OTHER  |   |         |       |           |       |        |        |        |       |          |          |       |       |        |         |            |           |
| W-HIGHWIND  | (SPECIFY)  |   |         |       |           |       |        |        |        |       |          |          |       |       |        |         |            |           |

INTERSECTION GOTH AND PEARL

PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 6th + Pearl Sts

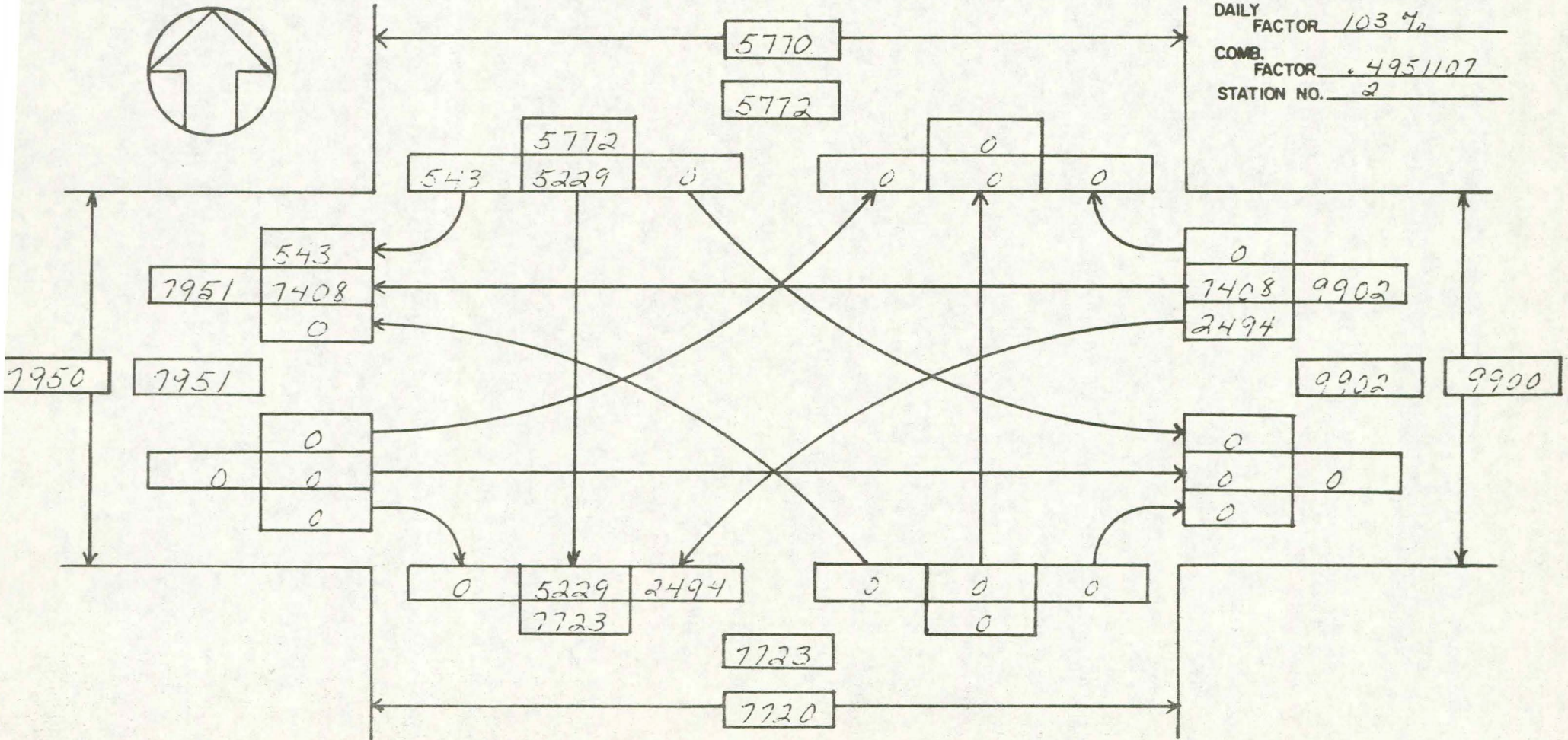
DATE 7-15-80

DAY Tuesday WEATHER overcast-warm

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 44.1%  
 MONTHLY FACTOR 109%  
 DAILY FACTOR 103%  
 COMB. FACTOR .4951107  
 STATION NO. 2



### Accident Summary

SO. LEWIS & INDUSTRIAL RD.

| <u>Time of Day</u>     | <u>Number of<br/>Accidents</u> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| 6:00 a.m. - 10:00 a.m. | 3                              | Sideswipe             | 0                              |
| 10:00 a.m. - 2:00 p.m. | 2                              | Rear End              | 1                              |
| 2:00 p.m. - 6:00 p.m.  | 8                              | Right Angle           | 9                              |
| 6:00 p.m. - 10:00 p.m. | 2                              | Left Turn             | 3                              |
| 10:00 p.m. - 2:00 a.m. | 0                              | Pedestrian            | 0                              |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                       | Other                 | <u>3</u>                       |
| <b>Totals</b>          | 15                             | <b>Totals</b>         | 16                             |

| <u>Time of Year</u>    | <u>Number of<br/>Accidents</u> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> |
|------------------------|--------------------------------|------------------------------|-------------------------------|
| Winter ( Dec. - Feb. ) | 5                              | North ( Southbound )         | 11                            |
| Spring ( March - May ) | 3                              | South ( Northbound )         | 7                             |
| Summer ( June - Aug. ) | 2                              | East ( Westbound )           | 1                             |
| Fall ( Sept. - Nov. )  | <u>6</u>                       | West ( Eastbound )           | <u>12</u>                     |
| <b>Totals</b>          | 16                             | <b>Totals</b>                | 31                            |

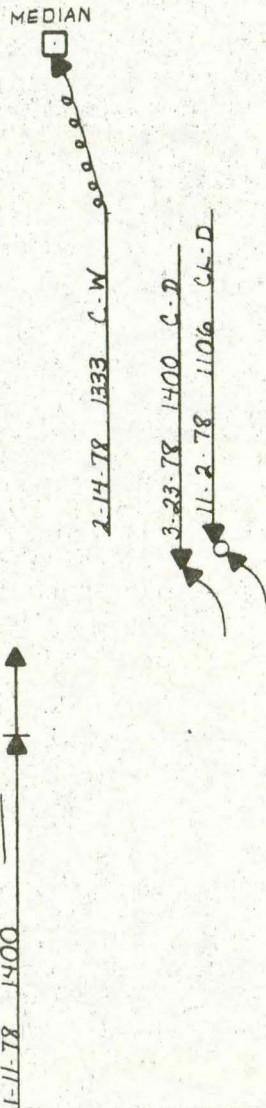
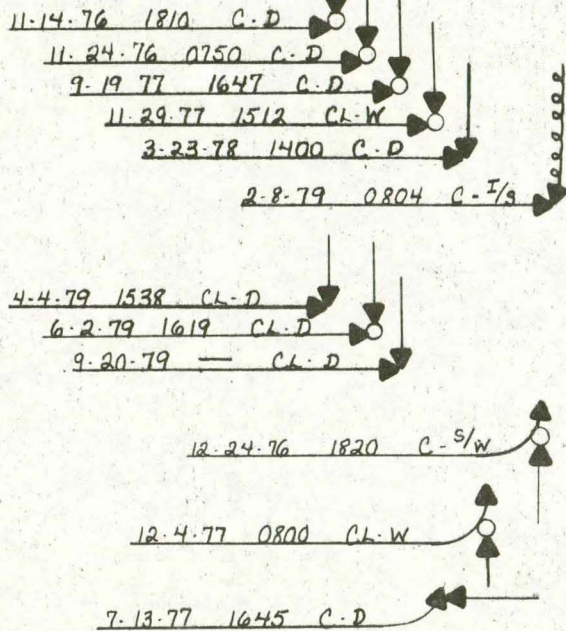
| <u>Pavement Condition</u> | <u>Number of<br/>Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|--------------------------------|------------------------|----------------|
| Dry                       | 10                             | 1976                   | 4              |
| Icy                       | 1                              | 1977                   | 3              |
| Wet                       | <u>4</u>                       | 1978                   | 4              |
| <b>Totals</b>             | 15                             | 1979                   | <u>3</u>       |
|                           |                                | <b>4 year Average</b>  | 3.5            |



# COLLISION DIAGRAM



INDICATE NORTH  
BY ARROW



INDUSTRIAL Rd.  
NAME

Hwy. 75  
NAME

- SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

TYPE OF COLLISION

- ←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←eeee OUT OF CONTROL
- ←↙ LEFT TURN
- ↙ RIGHT ANGLE

WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION Hwy. 75 (LEWIS) AND INDUSTRIAL Rd.  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION Lewis (Hwy. 75) \* Industrial Rd

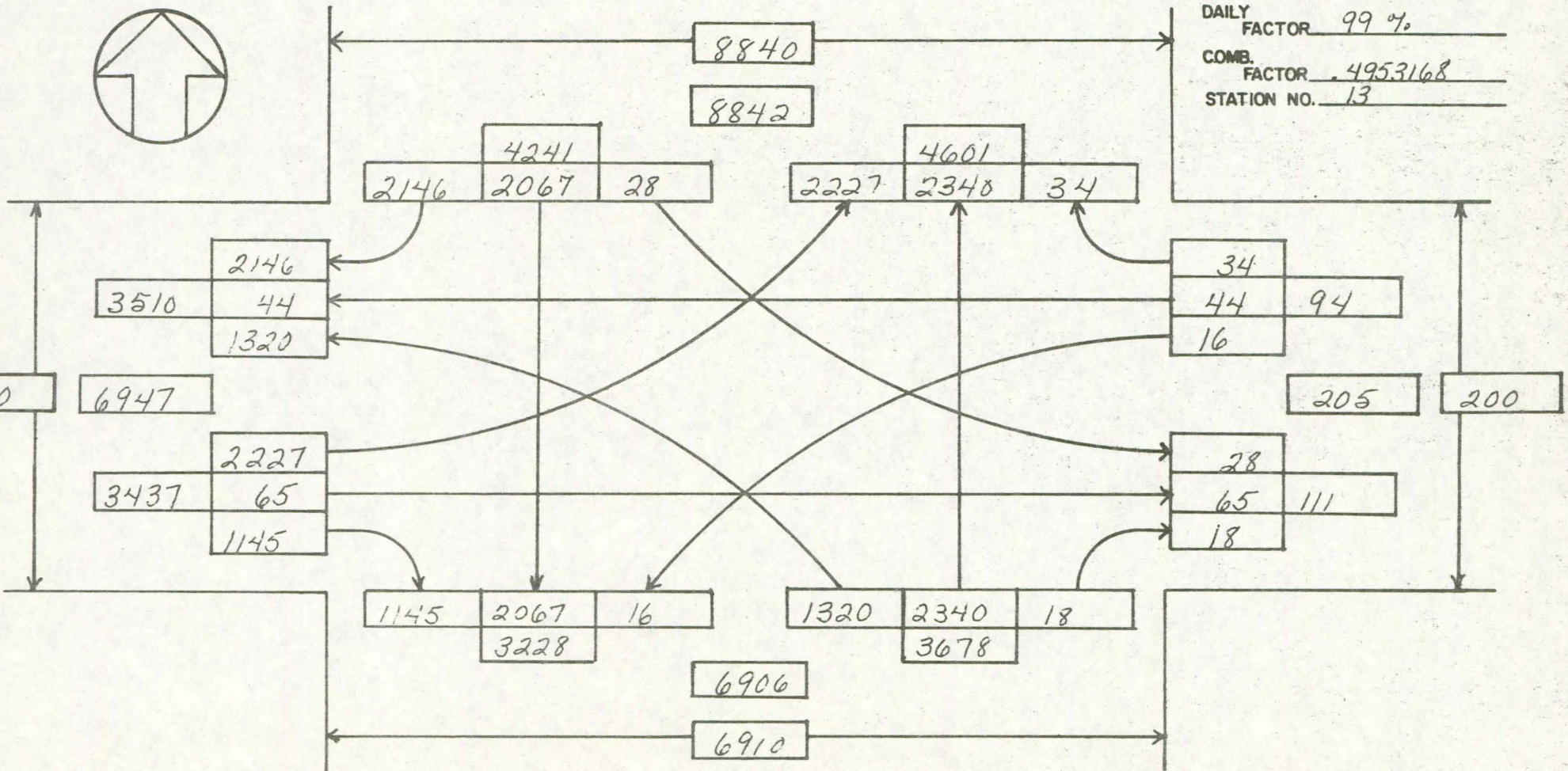
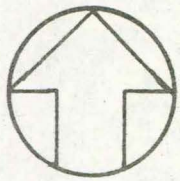
DATE 8-20-79

DAY Monday WEATHER clear

HOURS COUNTED 7-9am; 11-1pm; 3-6pm

HOURS SHOWN 24 hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 47.2%  
 MONTHLY FACTOR 106%  
 DAILY FACTOR 99%  
 COMB. FACTOR .4953168  
 STATION NO. 13



## Accident Summary

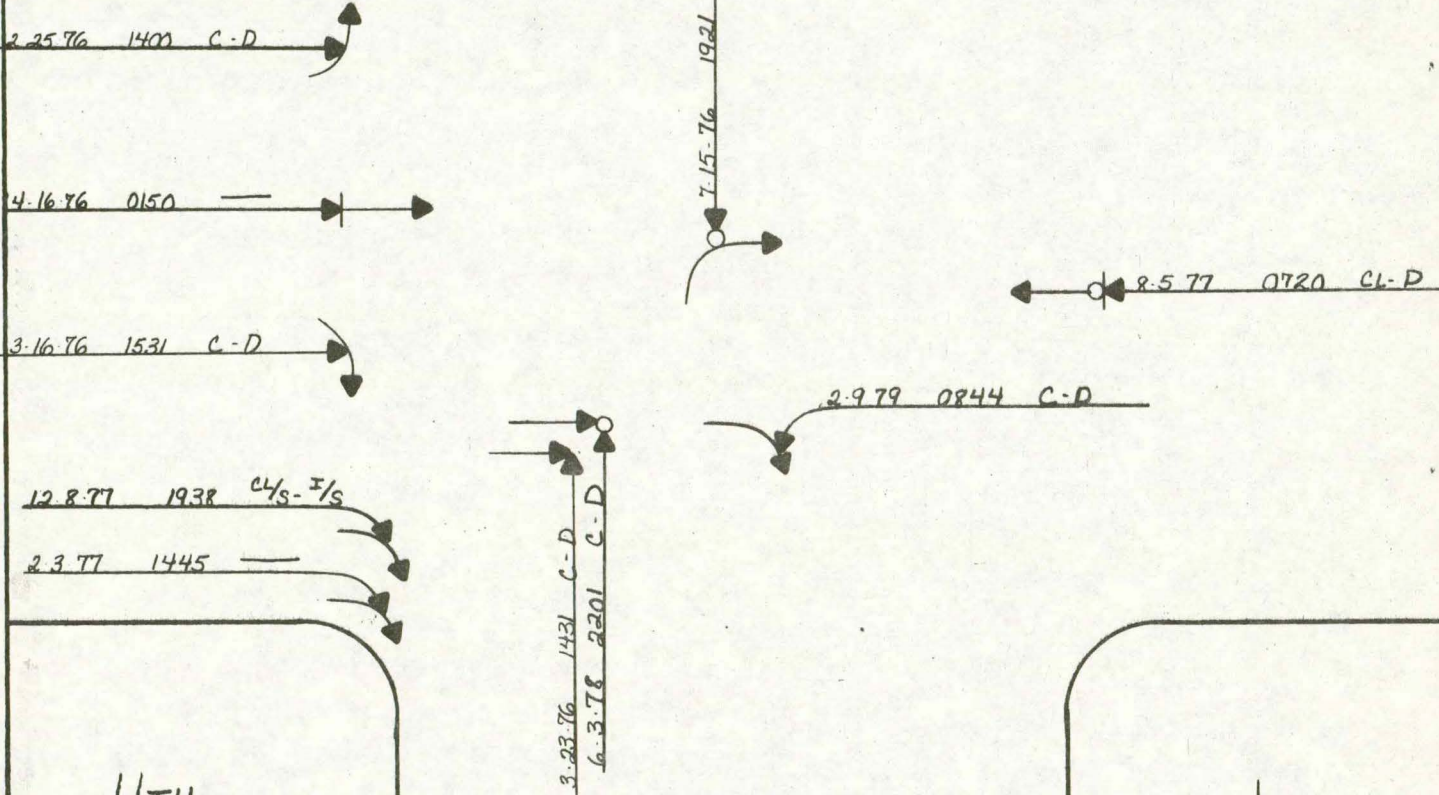
11TH & HOEVEN

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">4</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">10</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 2 | 10:00 a.m. - 2:00 p.m. | 0 | 2:00 p.m. - 6:00 p.m. | 4        | 6:00 p.m. - 10:00 p.m. | 2        | 10:00 p.m. - 2:00 a.m.  | 2                      | 2:00 a.m. - 6:00 a.m.   | <u>0</u>                     | <b>Totals</b>             | 10                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>5</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">10</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0        | Rear End           | 2         | Right Angle   | 2  | Left Turn | 1 | Pedestrian | 0 | Other | <u>5</u> | <b>Totals</b> | 10 |
|---|----------------------------|----------------------------|------------------------|---|------------------------|---|-----------------------|----------|------------------------|----------|---|------------------------|---|------------------------------|---------------------------|----------------------|--|-----------------------|----------------------------|--------------------|----------|--------------------|-----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.  | 2                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.  | 0                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.   | 4                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.  | 2                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.  | 2                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.   | <u>0</u>                   |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 10                         |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Sideswipe   | 0                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Rear End  | 2                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Right Angle   | 2                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Left Turn   | 1                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Pedestrian  | 0                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Other   | <u>5</u>                   |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 10                         |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
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| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb.)   | 3                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May)   | 5                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug.)   | 1                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov.)  | <u>1</u>                   |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 10                         |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )  | 1                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )  | 3                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )  | 3                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )  | <u>13</u>                  |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 20                         |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">7</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>1</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">9</td> </tr> </tbody> </table>  | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 7 | Icy                    | 1 | Wet                   | <u>1</u> | <b>Totals</b>          | 9        | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">4</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">4</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">2</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;">4 year Average</td> <td style="text-align: center;">3.3</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>  | 1976                         | 4                         | 1977                 | 4  | 1978                  | 2                          | 1979               | <u>0</u> | 4 year Average     | 3.3       |               |    |           |   |            |   |       |          |               |    |
| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Dry   | 7                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Icy   | 1                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Wet   | <u>1</u>                   |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 9                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1976  | 4                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1977  | 4                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1978  | 2                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1979  | <u>0</u>                   |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 4 year Average  | 3.3                        |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |

# COLLISION DIAGRAM



INDICATE NORTH BY ARROW



11TH  
NAME

HOEVEN  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ☐ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←+← REAR END
- ←+ HEAD ON
- ←+ SIDE SWIPE
- ←+ OUT OF CONTROL
- ←+ LEFT TURN
- ↑+ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION 11TH AND HOEVEN  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 11th + Hoeven Sts.

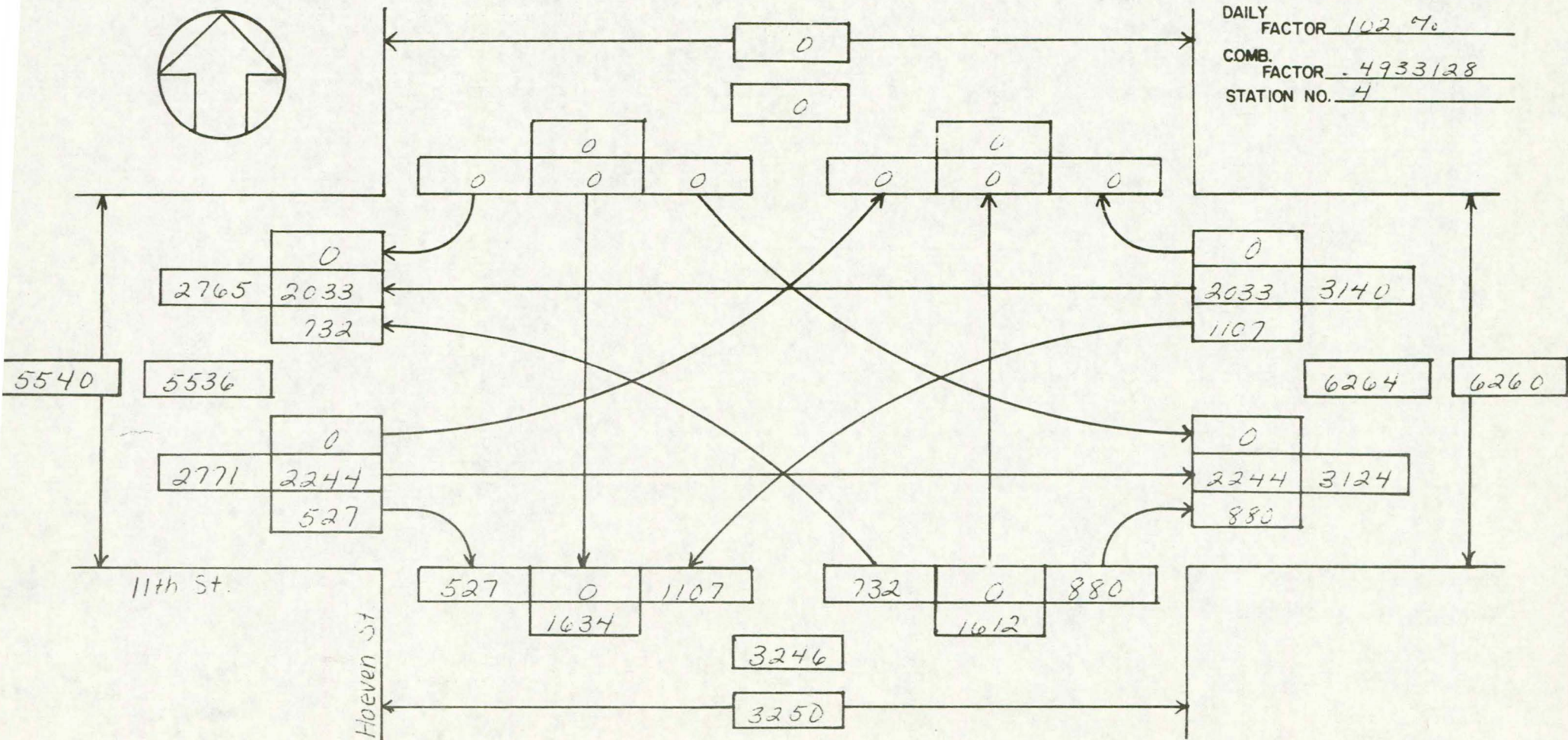
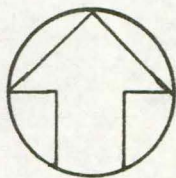
DATE 6-10-80

DAY Tuesday WEATHER clear-sunny

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 Hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 45.2%  
 MONTHLY FACTOR 107%  
 DAILY FACTOR 102%  
 COMB. FACTOR .4933128  
 STATION NO. 4



**Accident Summary**  
Cunningham, Lewis & Transit

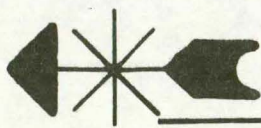
| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 1                          | Sideswipe             | 0                          |
| 10:00 a.m. - 2:00 p.m. | 7                          | Rear End              | 6                          |
| 2:00 p.m. - 6:00 p.m.  | 4                          | Right Angle           | 6                          |
| 6:00 p.m. - 10:00 p.m. | 1                          | Left Turn             | 0                          |
| 10:00 p.m. - 2:00 a.m. | 0                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   | Other                 | <u>1</u>                   |
| <b>Totals</b>          | <b>13</b>                  | <b>Totals</b>         | <b>13</b>                  |

| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb.)  | 2                          | North ( Southbound )         | 5                         |
| Spring ( March - May ) | 3                          | South ( Northbound )         | 5                         |
| Summer ( June - Aug. ) | 4                          | East ( Westbound )           | 3                         |
| Fall ( Sept. - Nov. )  | <u>4</u>                   | West ( Eastbound )           | <u>13</u>                 |
| <b>Totals</b>          | <b>13</b>                  | <b>Totals</b>                | <b>26</b>                 |

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 9                          | 1976                   | -              |
| Icy                       | 2                          | 1977                   | -              |
| Wet                       | <u>1</u>                   | 1978                   | -              |
| <b>Totals</b>             | <b>12</b>                  | 1979                   | <u>3.5</u>     |
|                           |                            | <b>4 year Average</b>  | <b>3.5</b>     |



# COLLISION DIAGRAM

INDICATE NORTH BY ARROW ← NB ON RAMP

VINE

4-13-79 1139 C.D.

11-12-79 1045 C.M.-W

9-28-79 1406 C.D.

TRANSIT AVE.

Hwy. 75 ← OFF RAMP

6-22-79 1930 C.D.

4-27-78 1730

11-12-79 1305 C.D.

Hwy. 75 ← NB

Hwy. 75 → SB

Hwy. 75 SB → OFF RAMP

7-9-79 0855 C.D.

7-23-79 1430 C.D.

9-10-79 1030 C.D.

3-29-79 1653 C.D.

1-30-79 1130 - I

1-30-79 1313 - I

6-2-79 1121 C.D.

CUNNINGHAM DR.

Hwy. 75 → ON RAMP

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←+← REAR END
- ←+← HEAD ON
- ←+← SIDE SWIPE
- ← e e e e OUT OF CONTROL
- ←+← LEFT TURN
- ↑ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION CUNNINGHAM, LEWIS BLVD AND TRANSIT AVE.  
 PERIOD 4 YEARS : FROM 1976 TO 1979

### Accident Summary

Cunningham, Lewis, Transit, & Warrington Rd.

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 2                          | Sideswipe             | 0                          |
| 10:00 a.m. - 2:00 p.m. | 0                          | Rear End              | 1                          |
| 2:00 p.m. - 6:00 p.m.  | 2                          | Right Angle           | 2                          |
| 6:00 p.m. - 10:00 p.m. | 2                          | Left Turn             | 0                          |
| 10:00 p.m. - 2:00 a.m. | 1                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   | Other                 | <u>4</u>                   |
| <b>Totals</b>          | 7                          | <b>Totals</b>         | 7                          |

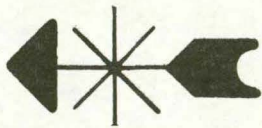
  

| <u>Time of Year</u>   | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|-----------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb.) | 3                          | North ( Southbound )         | 4                         |
| Spring ( March - May) | 0                          | South ( Northbound )         | 7                         |
| Summer ( June - Aug.) | 3                          | East ( Westbound )           | 2                         |
| Fall ( Sept. - Nov.)  | <u>1</u>                   | West ( Eastbound )           | <u>1</u>                  |
| <b>Totals</b>         | 7                          | <b>Totals</b>                | 14                        |

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 3                          | 1976                   | -              |
| Icy                       | 2                          | 1977                   | 4              |
| Wet                       | <u>1</u>                   | 1978                   | -              |
| <b>Totals</b>             | 6                          | 1979                   | -              |
|                           |                            | <b>4 year Average</b>  | 4              |

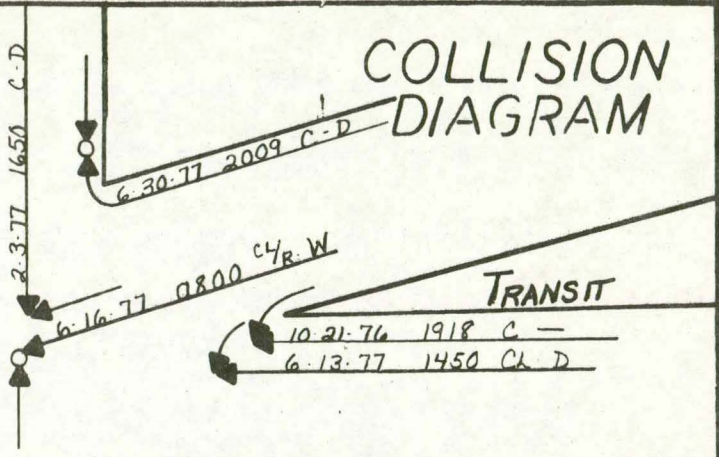




INDICATE NORTH BY ARROW

VINE

COLLISION DIAGRAM



Hwy. 75 NB ← ON RAMP

WARRINGTON Rd.

Hwy. 75 ← NB

Hwy. 75 → SB

2-23-77 2228 - I

1-5-76 0810 CL I

Hwy. 75 SB → OFF RAMP

CUNNINGHAM DR.

- SYMBOLS -

TYPE OF COLLISION

WEATHER ROAD CONDITIONS

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

- ← \* ← REAR END
- ← → HEAD ON
- ← ∩ ← SIDE SWIPE
- ← eeee OUT OF CONTROL
- ← ↙ LEFT TURN
- ↑ ← RIGHT ANGLE

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION CUNNINGHAM, LEWIS, TRANSIT AND WARRINGTON  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION Cunningham + Lewis NB OFF ramp + Vine

DATE 6-20-80

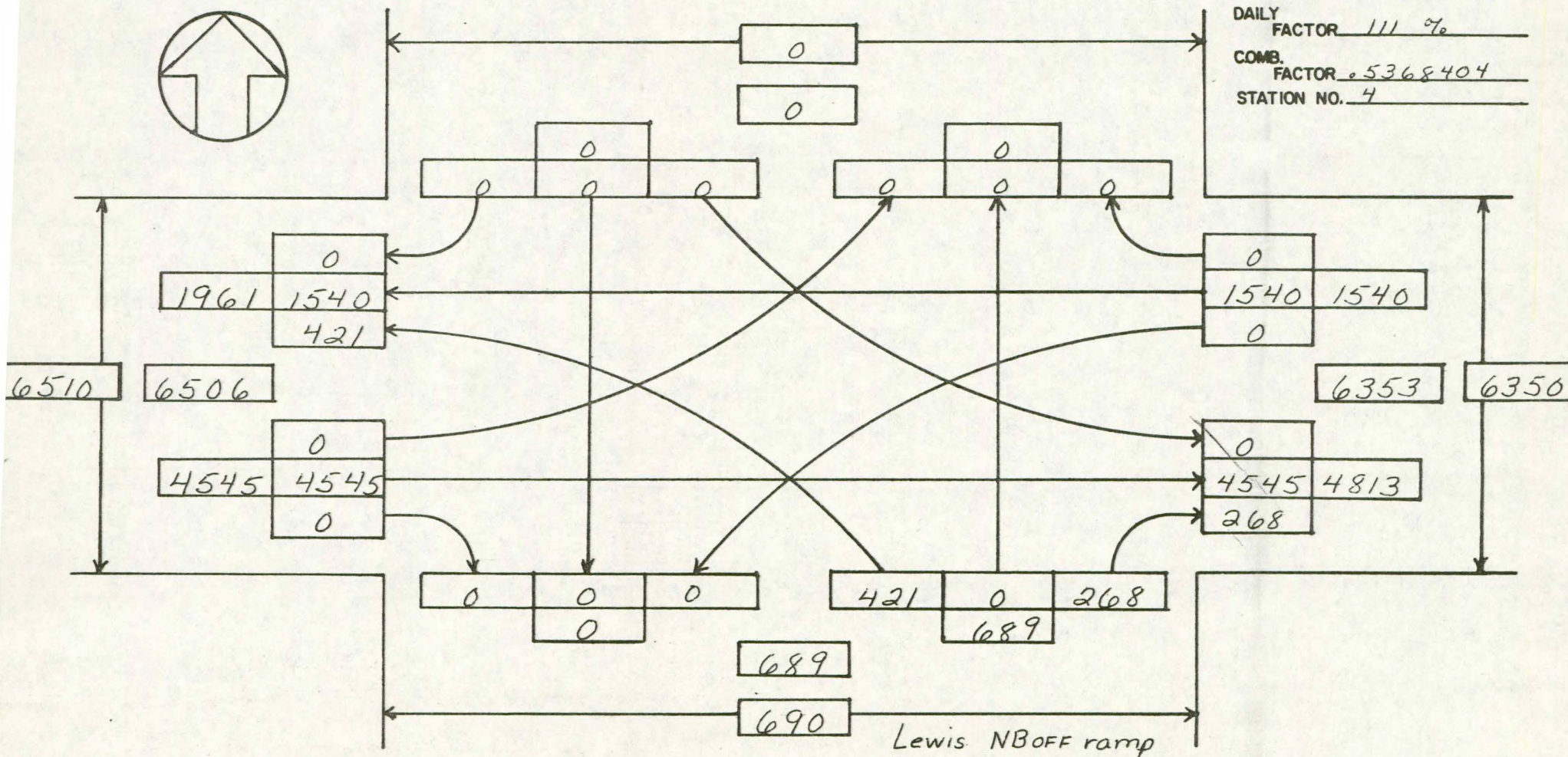
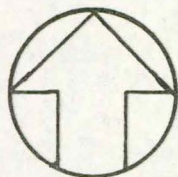
DAY Friday

WEATHER cloudy

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 45.2 %  
 MONTHLY FACTOR 107 %  
 DAILY FACTOR 111 %  
 COMB. FACTOR 5368404  
 STATION NO. 4



TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION Cunningham + Lewis SB ON + OFF ramp

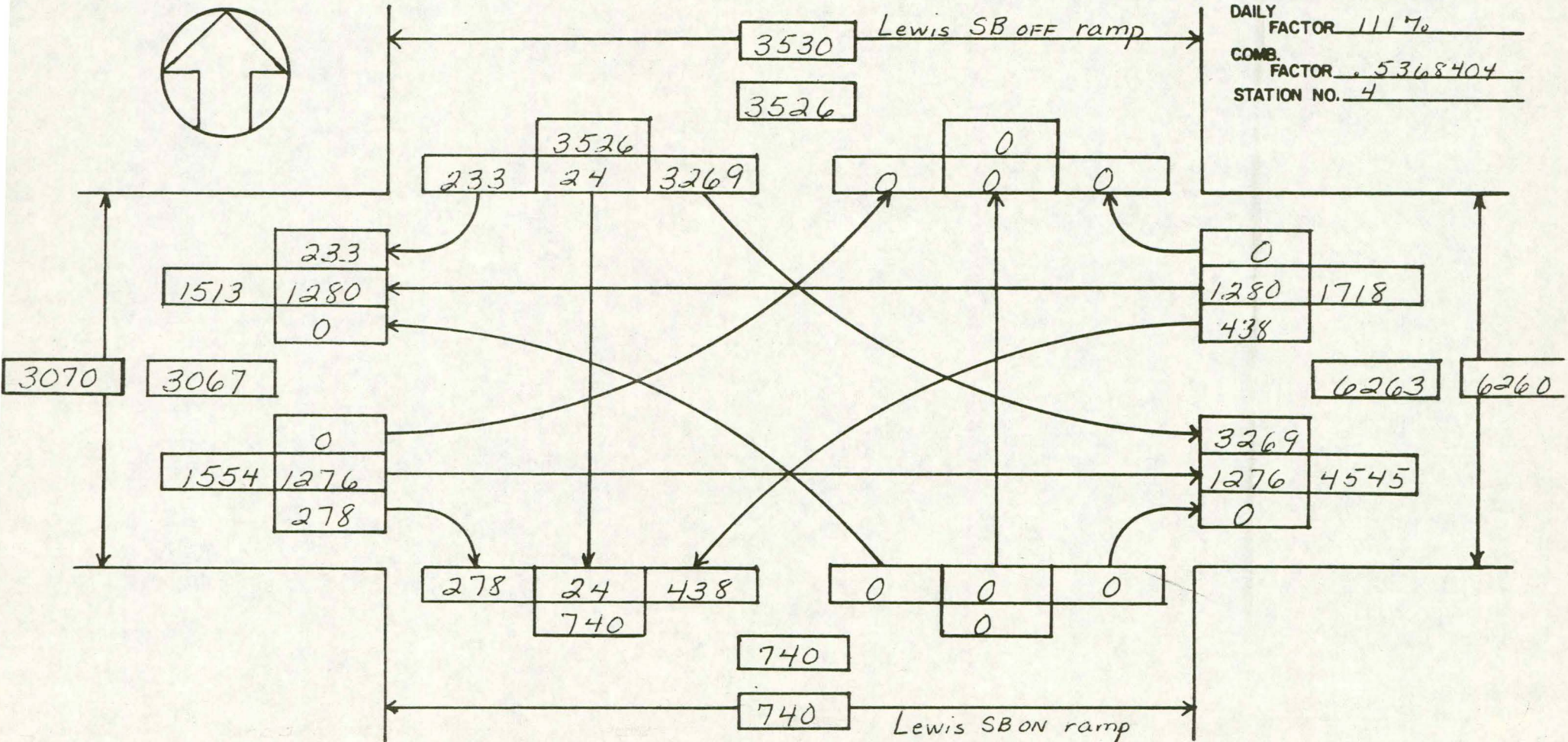
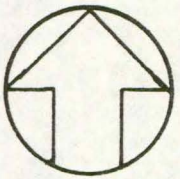
DATE 6-20-80

DAY Friday WEATHER cloudy

HOURS COUNTED 7-11; 3-6pm

HOURS SHOWN 24 hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 45.2%  
 MONTHLY FACTOR 107%  
 DAILY FACTOR 111%  
 COMB. FACTOR .5368404  
 STATION NO. 4



TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

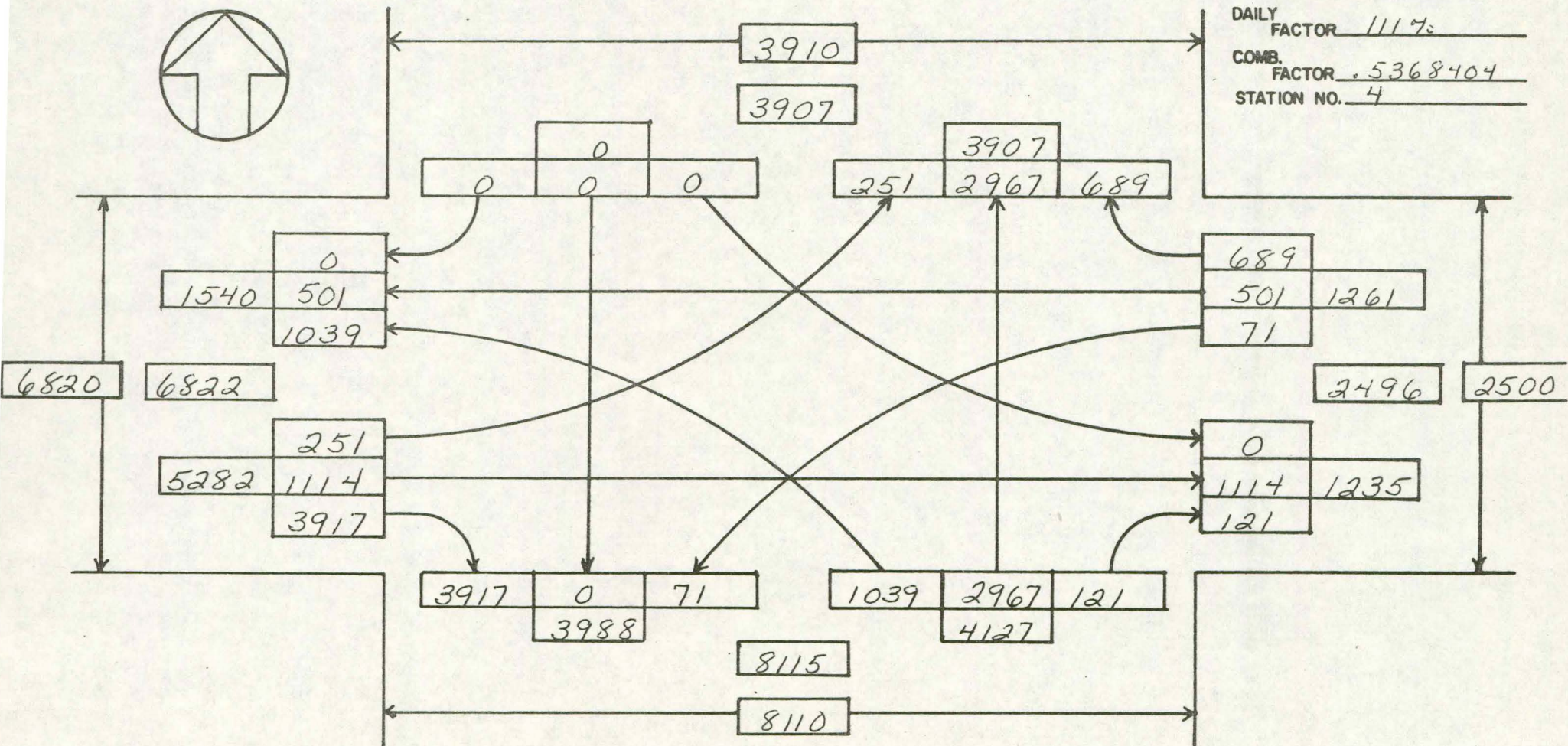
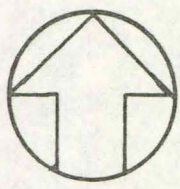
FLOW DIAGRAM

INTERSECTION Transit + Vine + Lewis NB on ramp

DATE 6-20-80 DAY Friday WEATHER cloudy

HOURS COUNTED 7-11am; 3-6pm HOURS SHOWN 24 hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 45.2%  
 MONTHLY FACTOR 107%  
 DAILY FACTOR 111%  
 COMB. FACTOR .5368404  
 STATION NO. 4



## Accident Summary

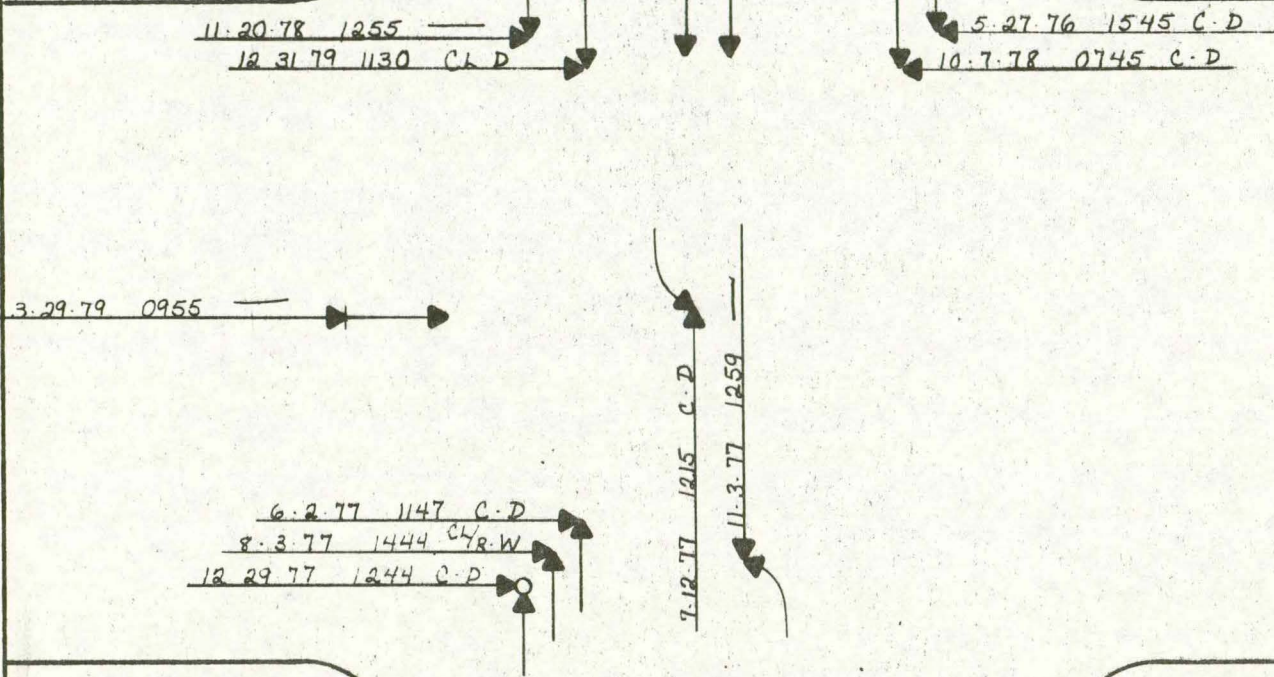
7TH & JACKSON

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">7</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">12</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 2 | 10:00 a.m. - 2:00 p.m. | 7 | 2:00 p.m. - 6:00 p.m.  | 3        | 6:00 p.m. - 10:00 p.m. | 0        | 10:00 p.m. - 2:00 a.m.  | 0                      | 2:00 a.m. - 6:00 a.m.  | <u>0</u>                     | Totals                    | 12                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">7</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">12</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0        | Rear End           | 3        | Right Angle | 7  | Left Turn | 2 | Pedestrian | 0 | Other | <u>0</u> | Totals | 12 |
|--|----------------------------|----------------------------|------------------------|---|------------------------|---|------------------------|----------|------------------------|----------|---|------------------------|--|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|----------|--------------------|----------|-------------|----|-----------|---|------------|---|-------|----------|--------|----|
| <u>Time of Day</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| 6:00 a.m. - 10:00 a.m.   | 2                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| 10:00 a.m. - 2:00 p.m.   | 7                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| 2:00 p.m. - 6:00 p.m.  | 3                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| 6:00 p.m. - 10:00 p.m.   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| 10:00 p.m. - 2:00 a.m.   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Totals   | 12                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| <u>Accidents Type</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Sideswipe  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Rear End   | 3                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Right Angle  | 7                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Left Turn  | 2                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Pedestrian   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Other  | <u>0</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Totals   | 12                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;"><u>3</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">12</td> </tr> </tbody> </table>   | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb. ) | 2 | Spring ( March - May ) | 2 | Summer ( June - Aug. ) | 5        | Fall ( Sept. - Nov. )  | <u>3</u> | Totals  | 12                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">10</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">5</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">2</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>7</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">24</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 10  | South ( Northbound )  | 5                          | East ( Westbound ) | 2        | West ( Eastbound ) | <u>7</u> | Totals      | 24 |           |   |            |   |       |          |        |    |
| <u>Time of Year</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Winter ( Dec. - Feb. )   | 2                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Spring ( March - May )   | 2                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Summer ( June - Aug. )   | 5                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Fall ( Sept. - Nov. )  | <u>3</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Totals   | 12                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| <u>Direction of Approach</u>   | <u>Number of Vehicles</u>  |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| North ( Southbound )   | 10                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| South ( Northbound )   | 5                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| East ( Westbound )   | 2                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| West ( Eastbound )   | <u>7</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Totals   | 24                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">7</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>1</u></td> </tr> <tr> <td style="text-align: right;">Totals</td> <td style="text-align: center;">8</td> </tr> </tbody> </table>  | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 7 | Icy                    | 0 | Wet                    | <u>1</u> | Totals                 | 8        | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">3.8</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;">4 year Average</td> <td style="text-align: center;">3.8</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>   | 1976                         | 0                         | 1977                 | 3.8   | 1978                  | 0                          | 1979               | <u>0</u> | 4 year Average     | 3.8      |             |    |           |   |            |   |       |          |        |    |
| <u>Pavement Condition</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Dry  | 7                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Icy  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Wet  | <u>1</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| Totals   | 8                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| <u>Injury Severity</u>   | <u>Average</u>             |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| 1976   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| 1977   | 3.8                        |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| 1978   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| 1979   | <u>0</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |
| 4 year Average   | 3.8                        |                            |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                           |                      |   |                       |                            |                    |          |                    |          |             |    |           |   |            |   |       |          |        |    |



INDICATE NORTH BY ARROW

# COLLISION DIAGRAM



7TH  
NAME

JACKSON  
NAME

| - SYMBOLS -      |                | TYPE OF COLLISION | WEATHER ROAD CONDITIONS |
|------------------|----------------|-------------------|-------------------------|
| MOVING VEHICLE   | REAR END       | C-CLEAR           | D-DRY                   |
| BACKING VEHICLE  | HEAD ON        | CL-CLOUDY         | W-WET                   |
| NON-INV. VEHICLE | SIDE SWIPE     | R-RAIN            | S-SNOW                  |
| PEDESTRIAN       | OUT OF CONTROL | S-SNOW            | I-ICE                   |
| PARKED VEHICLE   | LEFT TURN      | SL-SLEET          | SL-SLUSH                |
| FIXED OBJECT     | RIGHT ANGLE    | F-FOG             | M-MUD                   |
| FATAL ACCIDENT   |                | M-MIST            | O-OTHER (SPECIFY)       |
| INJURY ACCIDENT  |                | W-HIGHWIND        |                         |

INTERSECTION 7TH AND JACKSON  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 7th + Jackson Sts

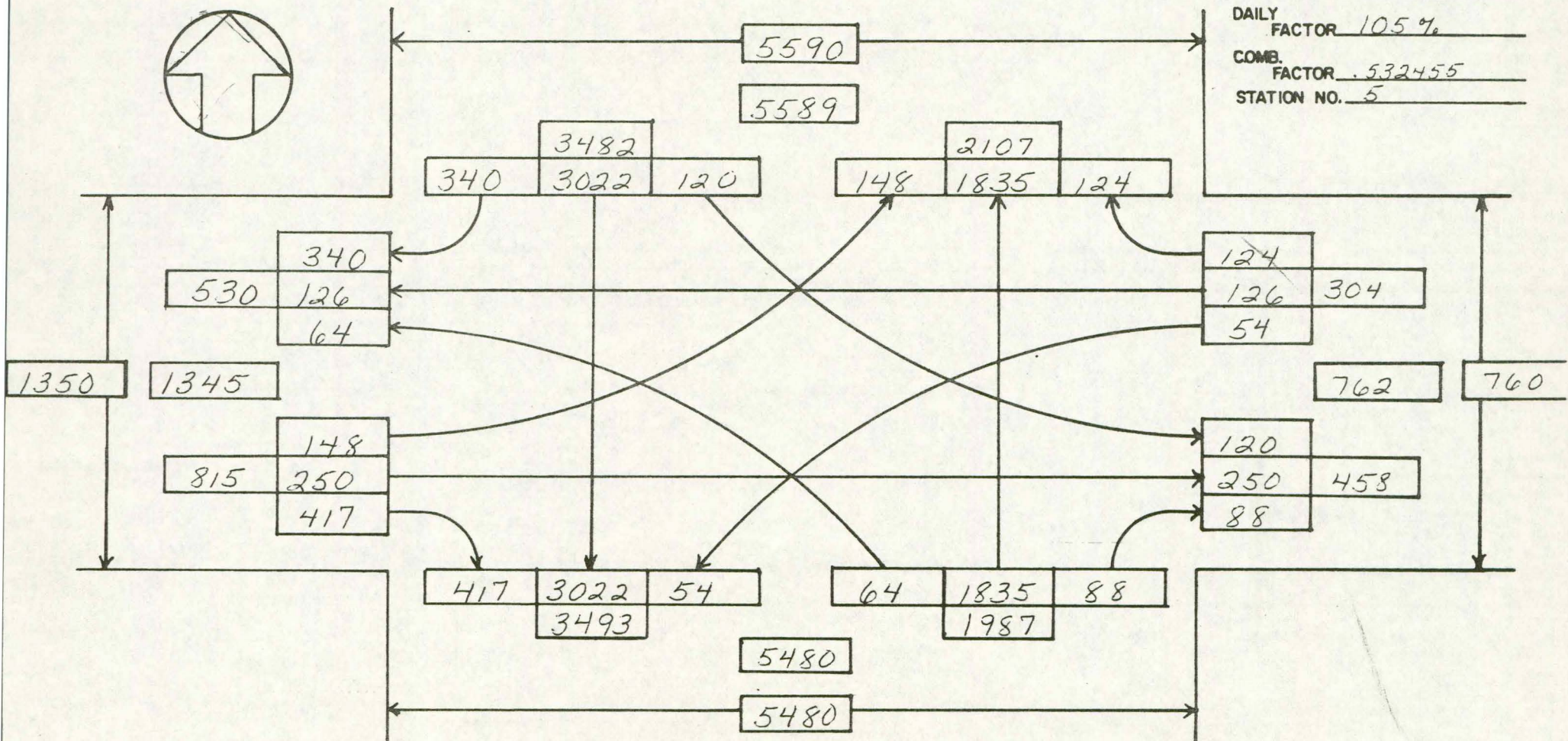
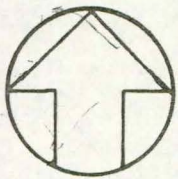
DATE 8-14-80

DAY Thursday WEATHER overcast

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 46.1%  
 MONTHLY FACTOR 110%  
 DAILY FACTOR 105%  
 COMB. FACTOR .532455  
 STATION NO. 5



## Accident Summary

10TH & PIERCE

|   |   |   |   |
|---|---|---|---|
| <p><u>Time of Day</u></p> <p>6:00 a.m. - 10:00 a.m.      3<br/>           10:00 a.m. - 2:00 p.m.    3<br/>           2:00 p.m. - 6:00 p.m.      3<br/>           6:00 p.m. - 10:00 p.m.    2<br/>           10:00 p.m. - 2:00 a.m.    1<br/>           2:00 a.m. - 6:00 a.m.      0</p> <p style="text-align: right;"><b>Totals</b>                      12</p> | <p style="text-align: center;"><u>Number of Accidents</u></p> | <p><u>Accidents Type</u></p> <p>Sideswipe                      1<br/>           Rear End                       2<br/>           Right Angle                  3<br/>           Left Turn                      0<br/>           Pedestrian                    0<br/>           Other                            6</p> <p style="text-align: right;"><b>Totals</b>                      12</p> | <p style="text-align: center;"><u>Number of Accidents</u></p> |
| <p><u>Time of Year</u></p> <p>Winter ( Dec. - Feb.)        3<br/>           Spring ( March - May)      2<br/>           Summer ( June - Aug.)      4<br/>           Fall ( Sept. - Nov.)        3</p> <p style="text-align: right;"><b>Totals</b>                      12</p>   | <p style="text-align: center;"><u>Number of Accidents</u></p> | <p><u>Direction of Approach</u></p> <p>North ( Southbound )        21<br/>           South ( Northbound )       0<br/>           East ( Westbound )          2<br/>           West ( Eastbound )          1</p> <p style="text-align: right;"><b>Totals</b>                      24</p>   | <p style="text-align: center;"><u>Number of Vehicles</u></p>  |
| <p><u>Pavement Condition</u></p> <p>Dry                              7<br/>           Icy                               1<br/>           Wet                               3</p> <p style="text-align: right;"><b>Totals</b>                      11</p>  | <p style="text-align: center;"><u>Number of Accidents</u></p> | <p><u>Injury Severity</u></p> <p>1976                            0<br/>           1977                            3.7<br/>           1978                            3<br/>           1979                            0</p> <p style="text-align: right;">4 year Average              3.4</p>   | <p style="text-align: center;"><u>Average</u></p>             |





INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM

7-8-77 1744 C.D.

2-3-77 1141 C-D  
2-21-79 0825 S-F/S

8-12-78 1015 C-D  
11-13-78 1416 C-D

8-26-76 1710 C-D  
3-4-77 2027 CL W/S  
5-9-77 0750  
6-8-79 2238 CL D  
11-5-79 2116 CL-D

ONE WAY

9-12-77 1319 CL/R W  
2-1-78 0948 CL/S S/SL

10TH  
NAME

PIERCE  
NAME

ONE WAY

## - SYMBOLS -

- ← MOVING VEHICLE
- ⇐ BACKING VEHICLE
- NON-INV. VEHICLE
- X --- PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ⇐ REAR END
- ⇐ HEAD ON
- ⇐ SIDE SWIPE
- ⇐ OUT OF CONTROL
- ⇐ LEFT TURN
- ⇐ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION 10TH AND PIERCE  
 PERIOD 4 YEARS : FROM 1976 TO 1979

## Accident Summary

6TH & CHAMBERS

| <u>Time of Day</u>     | <u>Number of<br/>Accidents</u> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| 6:00 a.m. - 10:00 a.m. | 3                              | Sideswipe             | 0                              |
| 10:00 a.m. - 2:00 p.m. | 1                              | Rear End              | 9                              |
| 2:00 p.m. - 6:00 p.m.  | 10                             | Right Angle           | 3                              |
| 6:00 p.m. - 10:00 p.m. | 2                              | Left Turn             | 0                              |
| 10:00 p.m. - 2:00 a.m. | 0                              | Pedestrian            | 0                              |
| 2:00 a.m. - 6:00 a.m.  | <u>1</u>                       | Other                 | <u>5</u>                       |
| Totals                 | 17                             | Totals                | 17                             |

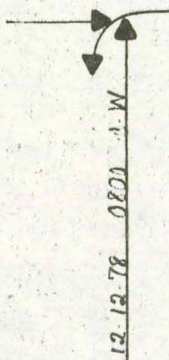
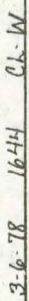
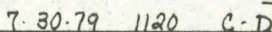
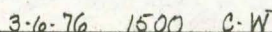
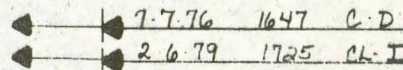
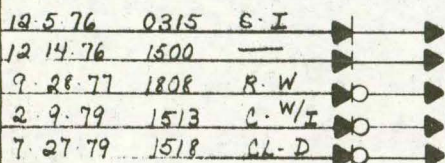
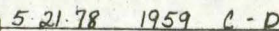
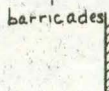
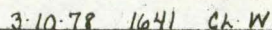
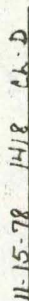
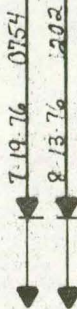
| <u>Time of Year</u>    | <u>Number of<br/>Accidents</u> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> |
|------------------------|--------------------------------|------------------------------|-------------------------------|
| Winter ( Dec. - Feb. ) | 6                              | North ( Southbound )         | 5                             |
| Spring ( March - May ) | 4                              | South ( Northbound )         | 3                             |
| Summer ( June - Aug. ) | 5                              | East ( Westbound )           | 8                             |
| Fall ( Sept. - Nov. )  | <u>2</u>                       | West ( Eastbound )           | <u>18</u>                     |
| Totals                 | 17                             | Totals                       | 34                            |

| <u>Pavement Condition</u> | <u>Number of<br/>Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|--------------------------------|------------------------|----------------|
| Dry                       | 5                              | 1976                   | 0              |
| Icy                       | 3                              | 1977                   | 4              |
| Wet                       | <u>6</u>                       | 1978                   | 3              |
| Totals                    | 14                             | 1979                   | <u>4</u>       |
|                           |                                | 4 year Average         | 3.5            |

# COLLISION DIAGRAM

INDICATE NORTH  
BY ARROW



6TH  
NAME

CHAMBERS  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ← wavy OUT OF CONTROL
- ←↙ LEFT TURN
- ↑↘ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION 6TH AND CHAMBERS  
 PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 6th + Chambers Sts.

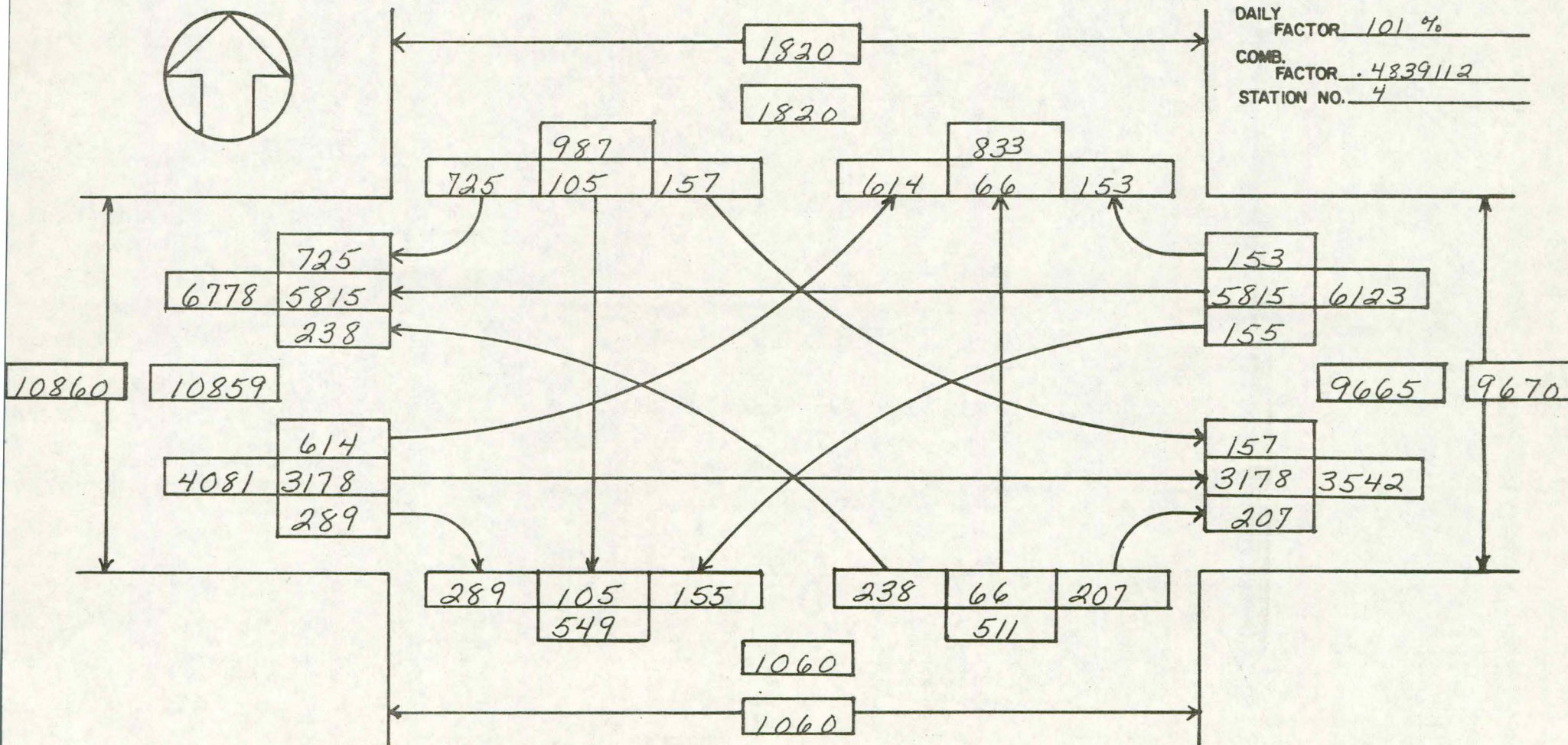
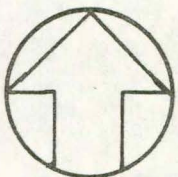
DATE 8-13-80

DAY Wednesday WEATHER partly cloudy, cool

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs. factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 45.2%  
 MONTHLY FACTOR 106%  
 DAILY FACTOR 101%  
 COMB. FACTOR .4839112  
 STATION NO. 4



## Accident Summary

4TH & FAIRMONT

| <u>Time of Day</u>     | <u>Number of<br/>Accidents</u> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> |
|------------------------|--------------------------------|-----------------------|--------------------------------|
| 6:00 a.m. - 10:00 a.m. | 1                              | Sideswipe             | 0                              |
| 10:00 a.m. - 2:00 p.m. | 6                              | Rear End              | 10                             |
| 2:00 p.m. - 6:00 p.m.  | 5                              | Right Angle           | 0                              |
| 6:00 p.m. - 10:00 p.m. | 2                              | Left Turn             | 1                              |
| 10:00 p.m. - 2:00 a.m. | 1                              | Pedestrian            | 0                              |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                       | Other                 | <u>5</u>                       |
| Totals                 | 15                             | Totals                | 16                             |

| <u>Time of Year</u>    | <u>Number of<br/>Accidents</u> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> |
|------------------------|--------------------------------|------------------------------|-------------------------------|
| Winter ( Dec. - Feb. ) | 3                              | North ( Southbound )         | 4                             |
| Spring ( March - May ) | 3                              | South ( Northbound )         | 5                             |
| Summer ( June - Aug. ) | 6                              | East ( Westbound )           | 0                             |
| Fall ( Sept. - Nov. )  | <u>4</u>                       | West ( Eastbound )           | <u>22</u>                     |
| Totals                 | 16                             | Totals                       | 31                            |

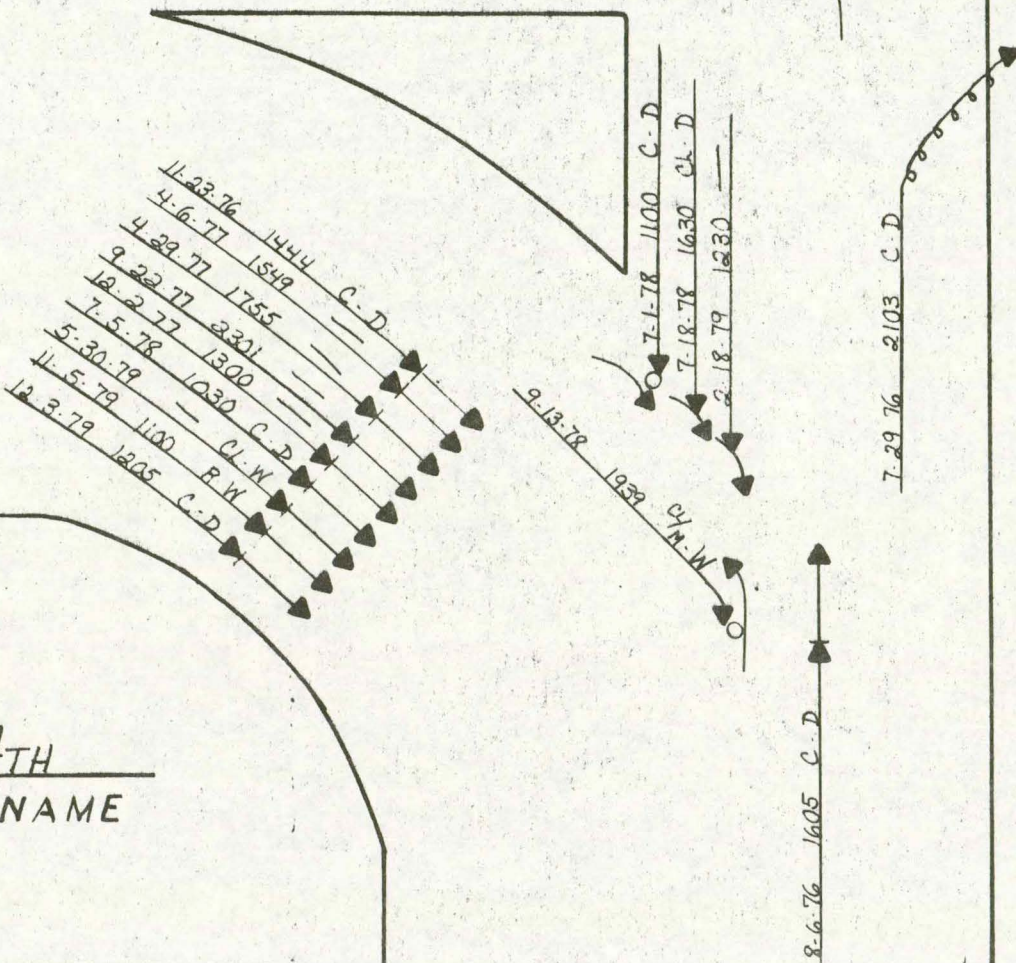
  

| <u>Pavement Condition</u> | <u>Number of<br/>Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|--------------------------------|------------------------|----------------|
| Dry                       | 8                              | 1976                   | 0              |
| Icy                       | 0                              | 1977                   | 0              |
| Wet                       | <u>3</u>                       | 1978                   | 4              |
| Totals                    | 11                             | 1979                   | <u>0</u>       |
|                           |                                | 4 year Average         | 4              |

# COLLISION DIAGRAM



INDICATE NORTH BY ARROW



4TH  
NAME

FAIRMONT  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←→ BACKING VEHICLE
- ←- - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ☐ PARKED VEHICLE
- ☐ FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←→ REAR END
- ←→ HEAD ON
- ←→ SIDE SWIPE
- ←→ OUT OF CONTROL
- ←→ LEFT TURN
- ↑ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 4TH AND FAIRMONT  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 4th + Fairmont Sts.

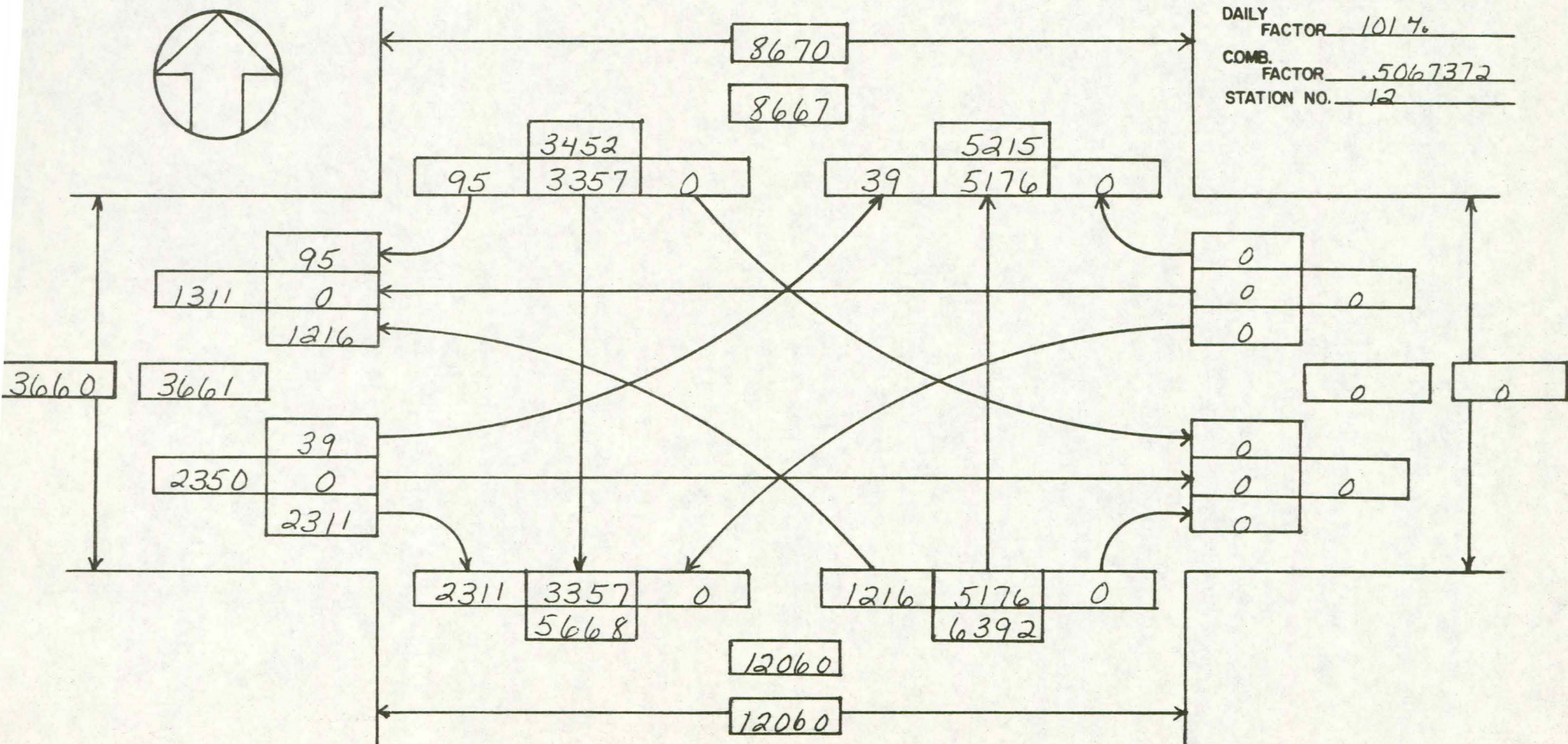
DATE 8-13-80

DAY Wednesday WEATHER cloudy

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 44.4%  
 MONTHLY FACTOR 113%  
 DAILY FACTOR 101%  
 COMB. FACTOR .5067372  
 STATION NO. 12



### Accident Summary

W.4TH & TURNER

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">7</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 0 | 10:00 a.m. - 2:00 p.m. | 3 | 2:00 p.m. - 6:00 p.m.  | 2        | 6:00 p.m. - 10:00 p.m. | 2        | 10:00 p.m. - 2:00 a.m.  | 0                      | 2:00 a.m. - 6:00 a.m.   | <u>0</u>                     | <b>Totals</b>             | 7                    | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">4</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>1</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">8</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0        | Rear End              | 0        | Right Angle   | 4  | Left Turn | 2 | Pedestrian | 1 | Other | <u>1</u> | <b>Totals</b> | 8 |
|---|----------------------------|----------------------------|------------------------|---|------------------------|---|------------------------|----------|------------------------|----------|---|------------------------|---|------------------------------|---------------------------|----------------------|--|-----------------------|----------------------------|--------------------|----------|-----------------------|----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|---|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| 6:00 a.m. - 10:00 a.m.  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| 10:00 a.m. - 2:00 p.m.  | 3                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| 2:00 p.m. - 6:00 p.m.   | 2                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| 6:00 p.m. - 10:00 p.m.  | 2                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| 10:00 p.m. - 2:00 a.m.  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| 2:00 a.m. - 6:00 a.m.   | <u>0</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| <b>Totals</b>   | 7                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| <u>Accidents Type</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| Sideswipe   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| Rear End  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| Right Angle   | 4                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| Left Turn   | 2                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| Pedestrian  | 1                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| Other   | <u>1</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| <b>Totals</b>   | 8                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;"><u>4</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">8</td> </tr> </tbody> </table>   | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb. ) | 1 | Spring ( March - May ) | 2 | Summer ( June - Aug. ) | 1        | Fall ( Sept. - Nov. )  | <u>4</u> | <b>Totals</b>   | 8                      | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">4</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">4</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">2</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>5</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">15</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 4  | South ( Northbound )  | 4                          | East ( Westbound ) | 2        | West ( Eastbound )    | <u>5</u> | <b>Totals</b> | 15 |           |   |            |   |       |          |               |   |
| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| Winter ( Dec. - Feb. )  | 1                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| Spring ( March - May )  | 2                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| Summer ( June - Aug. )  | 1                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| Fall ( Sept. - Nov. )   | <u>4</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| <b>Totals</b>   | 8                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| North ( Southbound )  | 4                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| South ( Northbound )  | 4                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| East ( Westbound )  | 2                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| West ( Eastbound )  | <u>5</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| <b>Totals</b>   | 15                         |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>1</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">6</td> </tr> </tbody> </table>   | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 5 | Icy                    | 0 | Wet                    | <u>1</u> | <b>Totals</b>          | 6        | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">4</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>3</u></td> </tr> <tr> <td><b>4 year Average</b></td> <td style="text-align: center;">3.5</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>  | 1976                         | 0                         | 1977                 | 4  | 1978                  | 0                          | 1979               | <u>3</u> | <b>4 year Average</b> | 3.5      |               |    |           |   |            |   |       |          |               |   |
| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| Dry   | 5                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| Icy   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| Wet   | <u>1</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| <b>Totals</b>   | 6                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| 1976  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| 1977  | 4                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| 1978  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| 1979  | <u>3</u>                   |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |
| <b>4 year Average</b>   | 3.5                        |                            |                        |   |                        |   |                        |          |                        |          |   |                        |   |                              |                           |                      |  |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |   |



# COLLISION DIAGRAM



INDICATE NORTH  
BY ARROW

4-30-79 — C-D  
9-11-79 1639 C/CL-D

2-21-79 1324 C-W  
9-11-79 1415 C/SL-W

9-7-76 1320  
9-9-76 1400

3-13-77 1251 CL-D  
6-8-79 1940 C/CL-D

W. 4TH  
NAME

TURNER  
NAME

| - SYMBOLS -  | TYPE OF COLLISION   | WEATHER   | ROAD CONDITIONS  |
|--|---|---|--|
| MOVING VEHICLE<br>BACKING VEHICLE<br>NON-INV. VEHICLE<br>PEDESTRIAN<br>PARKED VEHICLE<br>FIXED OBJECT<br>FATAL ACCIDENT<br>INJURY ACCIDENT | REAR END<br>HEAD ON<br>SIDE SWIPE<br>OUT OF CONTROL<br>LEFT TURN<br>RIGHT ANGLE | C-CLEAR<br>CL-CLOUDY<br>R-RAIN<br>S-SNOW<br>SL-SLEET<br>F-FOG<br>M-MIST<br>W-HIGHWIND | D-DRY<br>W-WET<br>S-SNOW<br>I-ICE<br>SL-SLUSH<br>M-MUD<br>O-OTHER<br>(SPECIFY) |

INTERSECTION W. 4TH AND TURNER  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION W. 4th + Turner Sts.

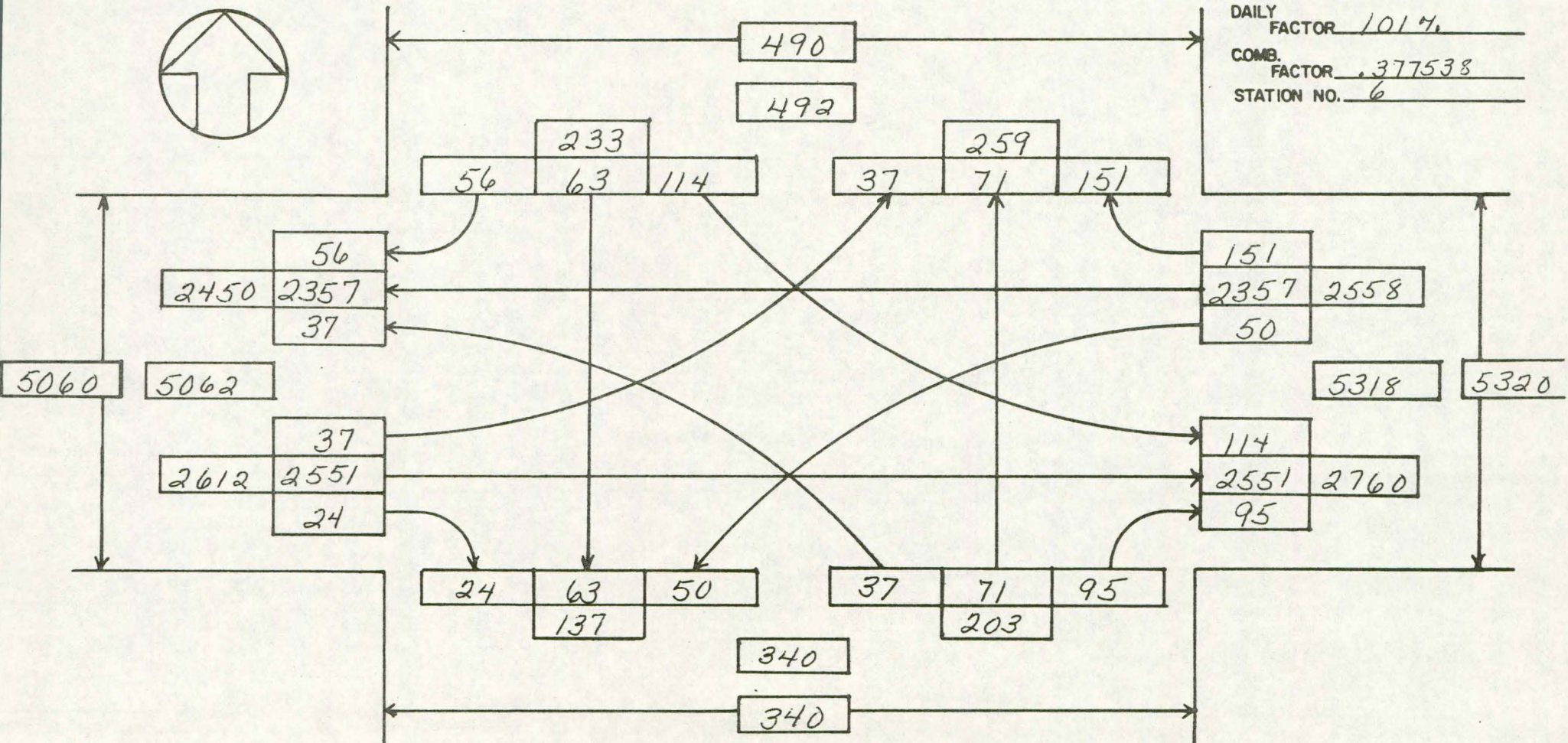
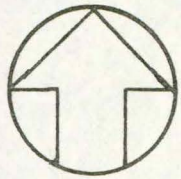
DATE 7-9-80

DAY Wednesday WEATHER clear

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 42%  
 MONTHLY FACTOR 89%  
 DAILY FACTOR 101%  
 COMB. FACTOR .377538  
 STATION NO. 6



## Accident Summary

7TH & NEBRASKA

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">1</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">5</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">6</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">1</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">16</td> </tr> </tbody> </table> | <u>Time of Day</u>             | <u>Number of<br/>Accidents</u> | 6:00 a.m. - 10:00 a.m. | 1 | 10:00 a.m. - 2:00 p.m. | 5 | 2:00 p.m. - 6:00 p.m.  | 6        | 6:00 p.m. - 10:00 p.m. | 1        | 10:00 p.m. - 2:00 a.m.  | 3                      | 2:00 a.m. - 6:00 a.m.  | <u>0</u>                     | <b>Totals</b>                 | 16                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">10</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>3</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">16</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of<br/>Accidents</u> | Sideswipe          | 0        | Rear End           | 2         | Right Angle   | 10 | Left Turn | 1 | Pedestrian | 0 | Other | <u>3</u> | <b>Totals</b> | 16 |
|---|--------------------------------|--------------------------------|------------------------|---|------------------------|---|------------------------|----------|------------------------|----------|---|------------------------|--|------------------------------|-------------------------------|----------------------|---|-----------------------|--------------------------------|--------------------|----------|--------------------|-----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>  | <u>Number of<br/>Accidents</u> |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.  | 1                              |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.  | 5                              |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.   | 6                              |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.  | 1                              |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.  | 3                              |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.   | <u>0</u>                       |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 16                             |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>   | <u>Number of<br/>Accidents</u> |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Sideswipe   | 0                              |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Rear End  | 2                              |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Right Angle   | 10                             |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Left Turn   | 1                              |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Pedestrian  | 0                              |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Other   | <u>3</u>                       |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 16                             |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;"><u>5</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">16</td> </tr> </tbody> </table>   | <u>Time of Year</u>            | <u>Number of<br/>Accidents</u> | Winter ( Dec. - Feb. ) | 3 | Spring ( March - May ) | 3 | Summer ( June - Aug. ) | 5        | Fall ( Sept. - Nov. )  | <u>5</u> | <b>Totals</b>   | 16                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of<br/>Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">1</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">17</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">2</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>12</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">32</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of<br/>Vehicles</u> | North ( Southbound ) | 1   | South ( Northbound )  | 17                             | East ( Westbound ) | 2        | West ( Eastbound ) | <u>12</u> | <b>Totals</b> | 32 |           |   |            |   |       |          |               |    |
| <u>Time of Year</u>   | <u>Number of<br/>Accidents</u> |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb. )  | 3                              |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May )  | 3                              |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug. )  | 5                              |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov. )   | <u>5</u>                       |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 16                             |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>  | <u>Number of<br/>Vehicles</u>  |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )  | 1                              |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )  | 17                             |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )  | 2                              |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )  | <u>12</u>                      |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 32                             |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of<br/>Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">7</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;">7</td> </tr> </tbody> </table>  | <u>Pavement Condition</u>      | <u>Number of<br/>Accidents</u> | Dry                    | 7 | Icy                    | 0 | Wet                    | <u>0</u> | <b>Totals</b>          | 7        | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">4</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: right;">4 year Average</td> <td style="text-align: center;">4</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>   | 1976                         | 0                             | 1977                 | 0   | 1978                  | 4                              | 1979               | <u>0</u> | 4 year Average     | 4         |               |    |           |   |            |   |       |          |               |    |
| <u>Pavement Condition</u>   | <u>Number of<br/>Accidents</u> |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Dry   | 7                              |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Icy   | 0                              |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| Wet   | <u>0</u>                       |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>   | 7                              |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>  | <u>Average</u>                 |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1976  | 0                              |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1977  | 0                              |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1978  | 4                              |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 1979  | <u>0</u>                       |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |
| 4 year Average  | 4                              |                                |                        |   |                        |   |                        |          |                        |          |   |                        |  |                              |                               |                      |   |                       |                                |                    |          |                    |           |               |    |           |   |            |   |       |          |               |    |



INDICATE NORTH  
BY ARROW

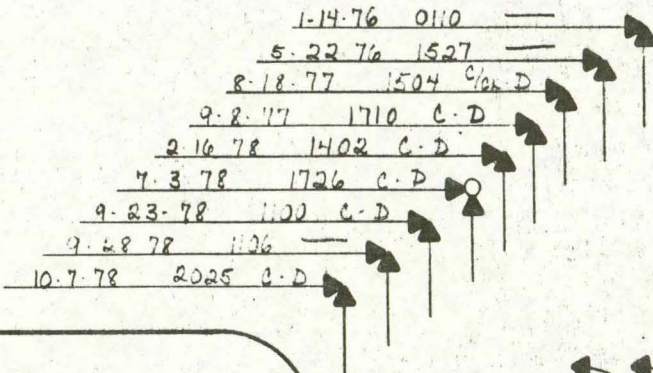
# COLLISION DIAGRAM

4-22-76 1130

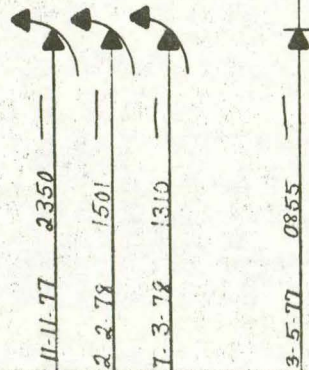
ONE WAY

6-7-76 1115

6-24-77 2321 C-D



7TH  
NAME



ONE WAY

NEBRASKA  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←seee OUT OF CONTROL
- ←↘ LEFT TURN
- ↑ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 7TH AND NEBRASKA  
 PERIOD 4 YEARS : FROM 1976 TO 1979

TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 7th + Nebraska Sts.

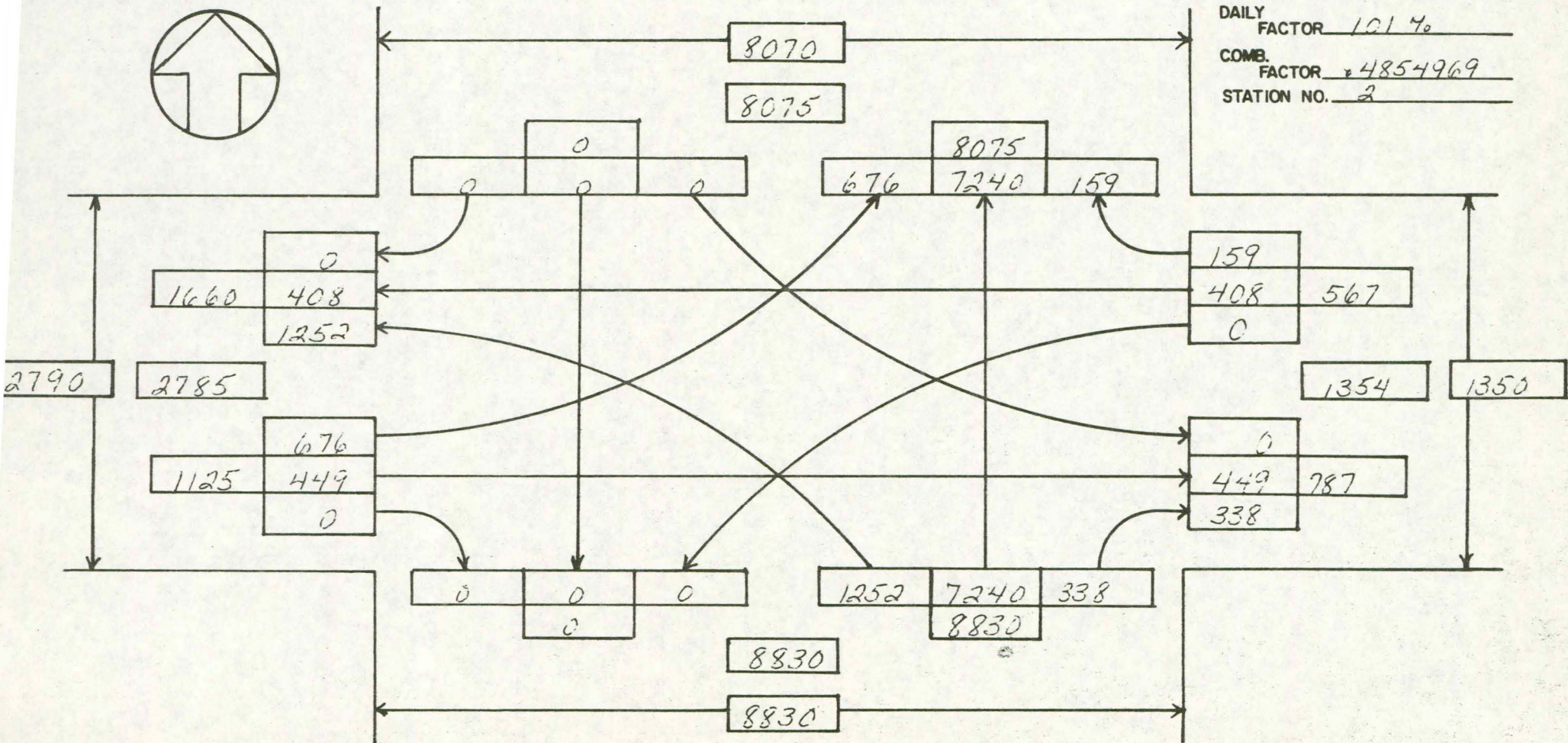
DATE 7-7 80

DAY Monday WEATHER hot + clear 106

HOURS COUNTED 7-1am; 3-6pm

HOURS SHOWN 24 hrs. factored

CONVERSION FACTORS  
 EXPANSION FACTOR 44.1%  
 MONTHLY FACTOR 109%  
 DAILY FACTOR 121%  
 COMB. FACTOR 4854969  
 STATION NO. 2



## Accident Summary

41ST & LEWIS

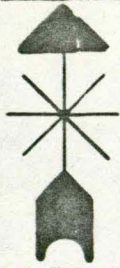
| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 3                          | Sideswipe             | 0                          |
| 10:00 a.m. - 2:00 p.m. | 4                          | Rear End              | 8                          |
| 2:00 p.m. - 6:00 p.m.  | 3                          | Right Angle           | 2                          |
| 6:00 p.m. - 10:00 p.m. | 0                          | Left Turn             | 0                          |
| 10:00 p.m. - 2:00 a.m. | 1                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   | Other                 | <u>1</u>                   |
| Totals                 | 11                         | Totals                | 11                         |

| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb.)  | 2                          | North ( Southbound )         | 1                         |
| Spring ( March - May ) | 5                          | South ( Northbound )         | 14                        |
| Summer ( June - Aug. ) | 1                          | East ( Westbound )           | 0                         |
| Fall ( Sept. - Nov. )  | <u>3</u>                   | West ( Eastbound )           | <u>7</u>                  |
| Totals                 | 11                         | Totals                       | 22                        |

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 4                          | 1976                   | 4              |
| Icy                       | 1                          | 1977                   | 3.3            |
| Wet                       | <u>2</u>                   | 1978                   | 3.7            |
| Totals                    | 7                          | 1979                   | <u>3</u>       |
|                           |                            | 4 year Average         | 3.5            |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM

5-15-79 0915 →

3-10-76 0748 →  
4-22-77 2220 →

6-1-77 1120 C-D →

5-10-79 1455 S-W ↗

41st  
NAME

9-13-78 1320 C-D  
12-11-78 1110 W/S  
1-18-79 1558 CL-7/8  
3-15-79 1547 C-D  
10-11-79 1350  
10-24-79 0937 CL-D

Hwy 75  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ☐ PARKED VEHICLE
- ☐ FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←+← REAR END
- ←+ HEAD ON
- ←+ SIDE SWIPE
- ←+ OUT OF CONTROL
- ←+ LEFT TURN
- ↑+ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 41st AND Hwy 75 (LEWIS)  
PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION 41st + Lewis (Hwy. 75)

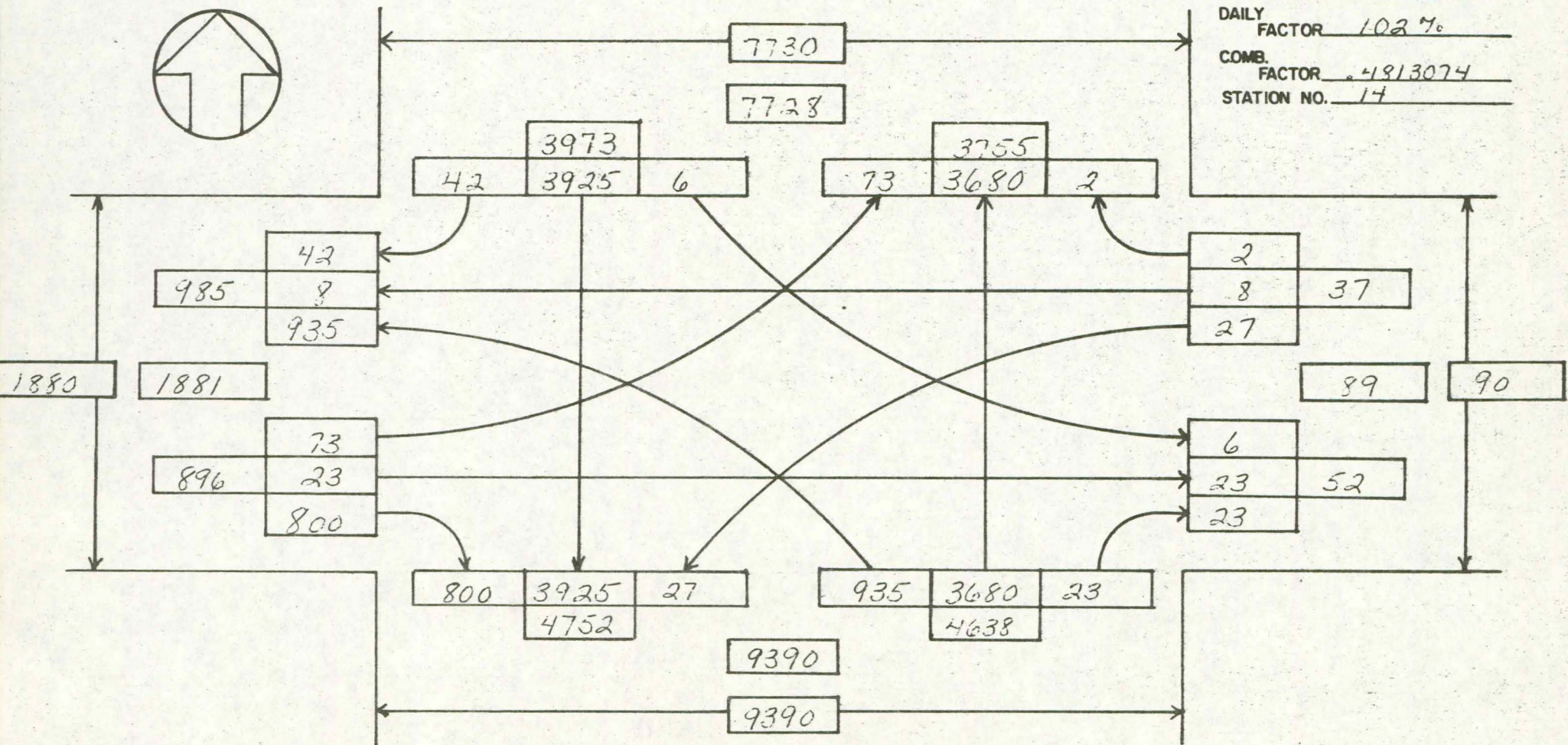
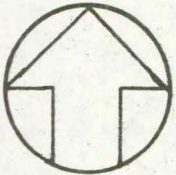
DATE 6 24 80

DAY Tuesday WEATHER clear sunny

HOURS COUNTED 7:11am; 3:6pm

HOURS SHOWN 24 Hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 44.1%  
 MONTHLY FACTOR 107%  
 DAILY FACTOR 102%  
 COMB. FACTOR 4913074  
 STATION NO. 14





## Accident Summary

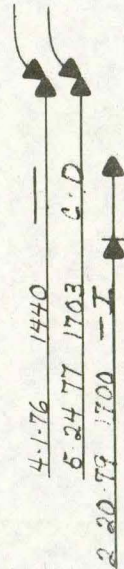
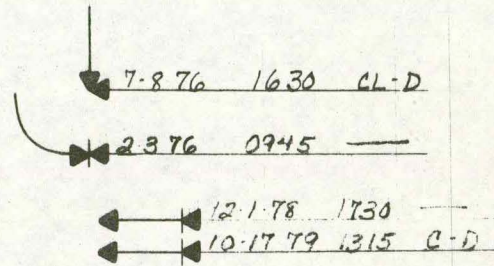
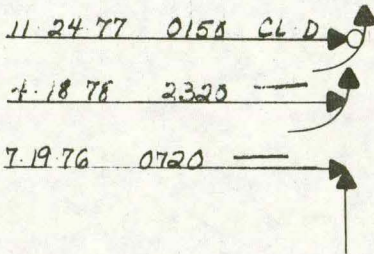
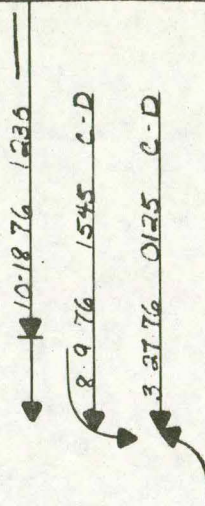
LEECH & FAIRMONT

|  |                                   |   |                                   |
|--|-----------------------------------|---|-----------------------------------|
| <p><u>Time of Day</u></p> <p>6:00 a.m. - 10:00 a.m.      2</p> <p>10:00 a.m. - 2:00 p.m.      2</p> <p>2:00 p.m. - 6:00 p.m.      6</p> <p>6:00 p.m. - 10:00 p.m.      0</p> <p>10:00 p.m. - 2:00 a.m.      3</p> <p>2:00 a.m. - 6:00 a.m.      0</p> <p style="text-align: right;">Totals                      13</p> | <p><u>Number of Accidents</u></p> | <p><u>Accidents Type</u></p> <p>Sideswipe                      0</p> <p>Rear End                        4</p> <p>Right Angle                    2</p> <p>Left Turn                       3</p> <p>Pedestrian                      0</p> <p>Other                             4</p> <p style="text-align: right;">Totals                        13</p> | <p><u>Number of Accidents</u></p> |
| <p><u>Time of Year</u></p> <p>Winter ( Dec. - Feb.)      3</p> <p>Spring ( March - May)      4</p> <p>Summer ( June - Aug.)      3</p> <p>Fall ( Sept. - Nov.)      3</p> <p style="text-align: right;">Totals                        13</p>   | <p><u>Number of Accidents</u></p> | <p><u>Direction of Approach</u></p> <p>North ( Southbound )      9</p> <p>South ( Northbound )      6</p> <p>East ( Westbound )      6</p> <p>West ( Eastbound )      5</p> <p style="text-align: right;">Totals                        26</p>  | <p><u>Number of Vehicles</u></p>  |
| <p><u>Pavement Condition</u></p> <p>Dry                              6</p> <p>Icy                                1</p> <p>Wet                                0</p> <p style="text-align: right;">Totals                        7</p>   | <p><u>Number of Accidents</u></p> | <p><u>Injury Severity</u></p> <p>1976                              4</p> <p>1977                              3.5</p> <p>1978                              0</p> <p>1979                              0</p> <p style="text-align: right;">4 year Average              3.8</p>   | <p><u>Average</u></p>             |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM



LEECH  
NAME

FAIRMONT  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ← X ← REAR END
- ← X → HEAD ON
- ← V ← SIDE SWIPE
- ← eee ← OUT OF CONTROL
- ← ↙ LEFT TURN
- ↑ ← RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION LEECH AND FAIRMONT  
PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION Leech + Fairmont

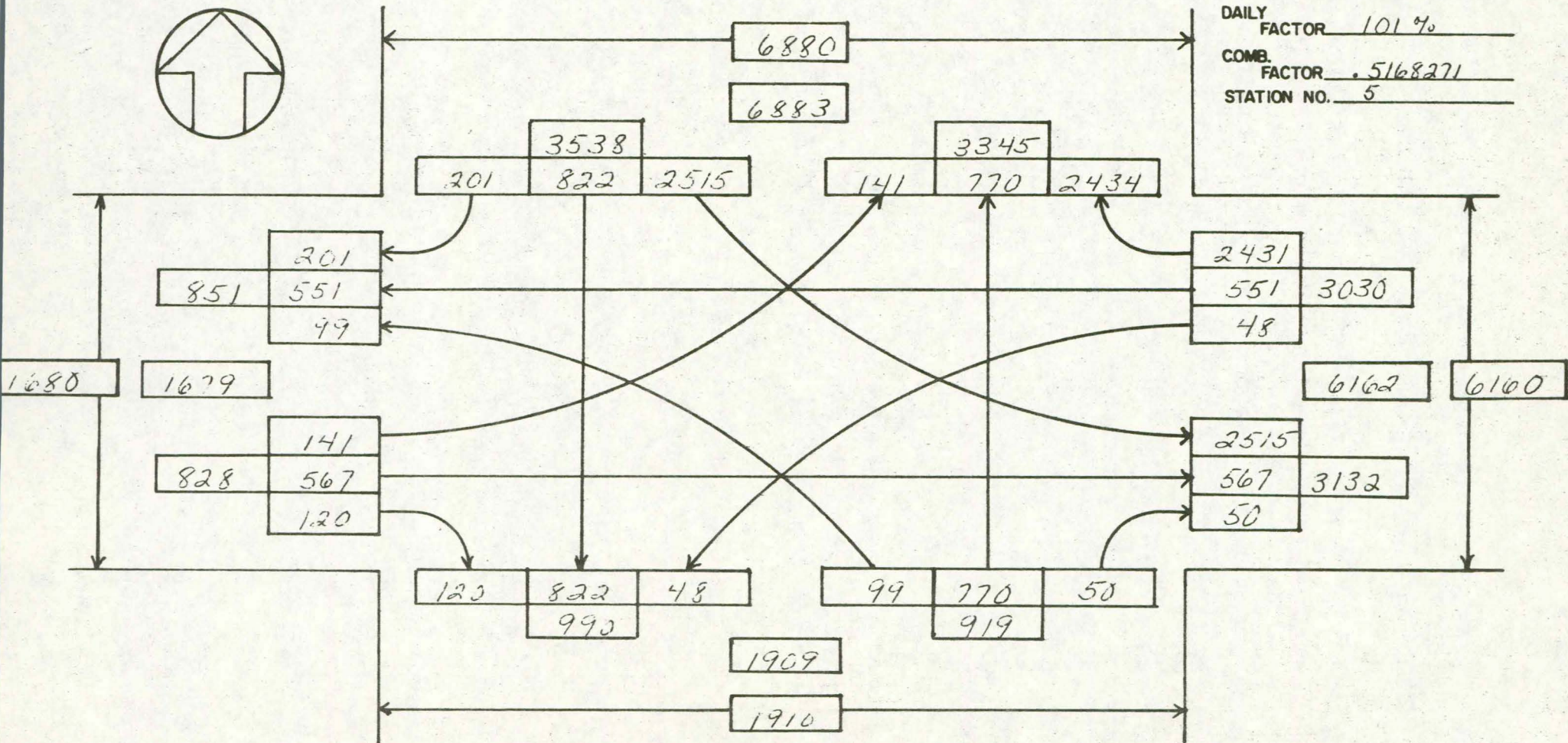
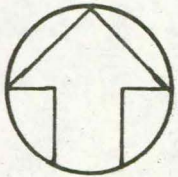
DATE 6-19-80

DAY Thursday WEATHER cloudy

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 hrs factored

CONVERSION FACTORS  
 EXPANSION FACTOR 46.1%  
 MONTHLY FACTOR 111%  
 DAILY FACTOR 101%  
 COMB. FACTOR .5168271  
 STATION NO. 5



## Accident Summary

GORDON & COURT

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 4                          | Sideswipe             | 0                          |
| 10:00 a.m. - 2:00 p.m. | 4                          | Rear End              | 5                          |
| 2:00 p.m. - 6:00 p.m.  | 4                          | Right Angle           | 6                          |
| 6:00 p.m. - 10:00 p.m. | 1                          | Left Turn             | 1                          |
| 10:00 p.m. - 2:00 a.m. | 0                          | Pedestrian            | 0                          |
| 2:00 a.m. - 6:00 a.m.  | <u>1</u>                   | Other                 | <u>2</u>                   |
| <b>Totals</b>          | 14                         | <b>Totals</b>         | 14                         |

| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 6                          | North ( Southbound )         | 3                         |
| Spring ( March - May ) | 1                          | South ( Northbound )         | 6                         |
| Summer ( June - Aug. ) | 3                          | East ( Westbound )           | 6                         |
| Fall ( Sept. - Nov. )  | <u>4</u>                   | West ( Eastbound )           | <u>15</u>                 |
| <b>Totals</b>          | 14                         | <b>Totals</b>                | 30                        |

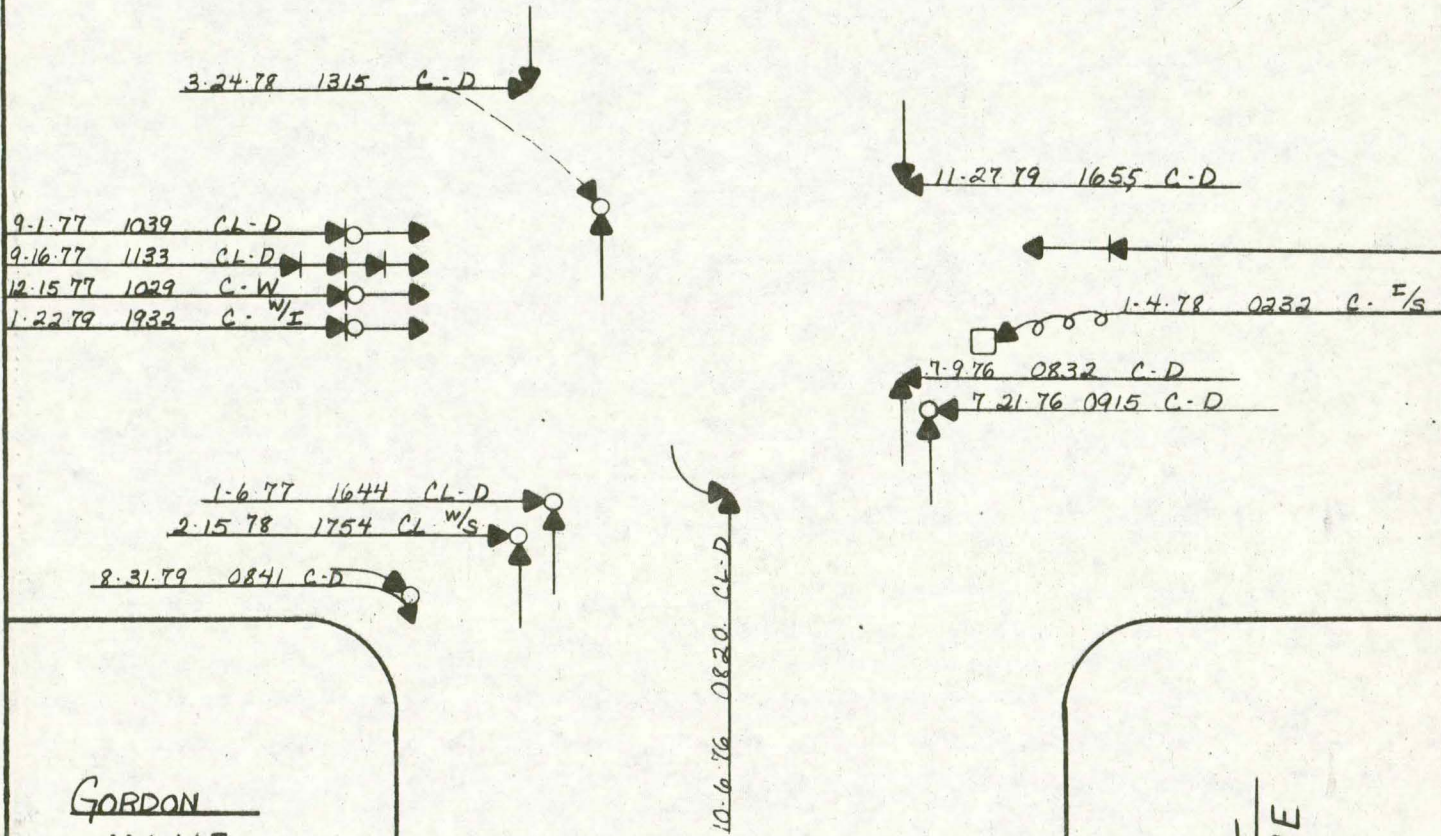
  

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 10                         | 1976                   | 4              |
| Icy                       | 2                          | 1977                   | 3.8            |
| Wet                       | <u>3</u>                   | 1978                   | 3.7            |
| <b>Totals</b>             | 15                         | 1979                   | <u>3</u>       |
|                           |                            | <b>4 year Average</b>  | 3.6            |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM



GORDON  
NAME

COURT  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ←--- NON-INV. VEHICLE
- X--- PEDESTRIAN
- ☐ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←eee OUT OF CONTROL
- ←↙ LEFT TURN
- ↑ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION GORDON AND COURT  
 PERIOD 4 YEARS : FROM 1976 TO 1979

VEHICLE VOLUME COUNT

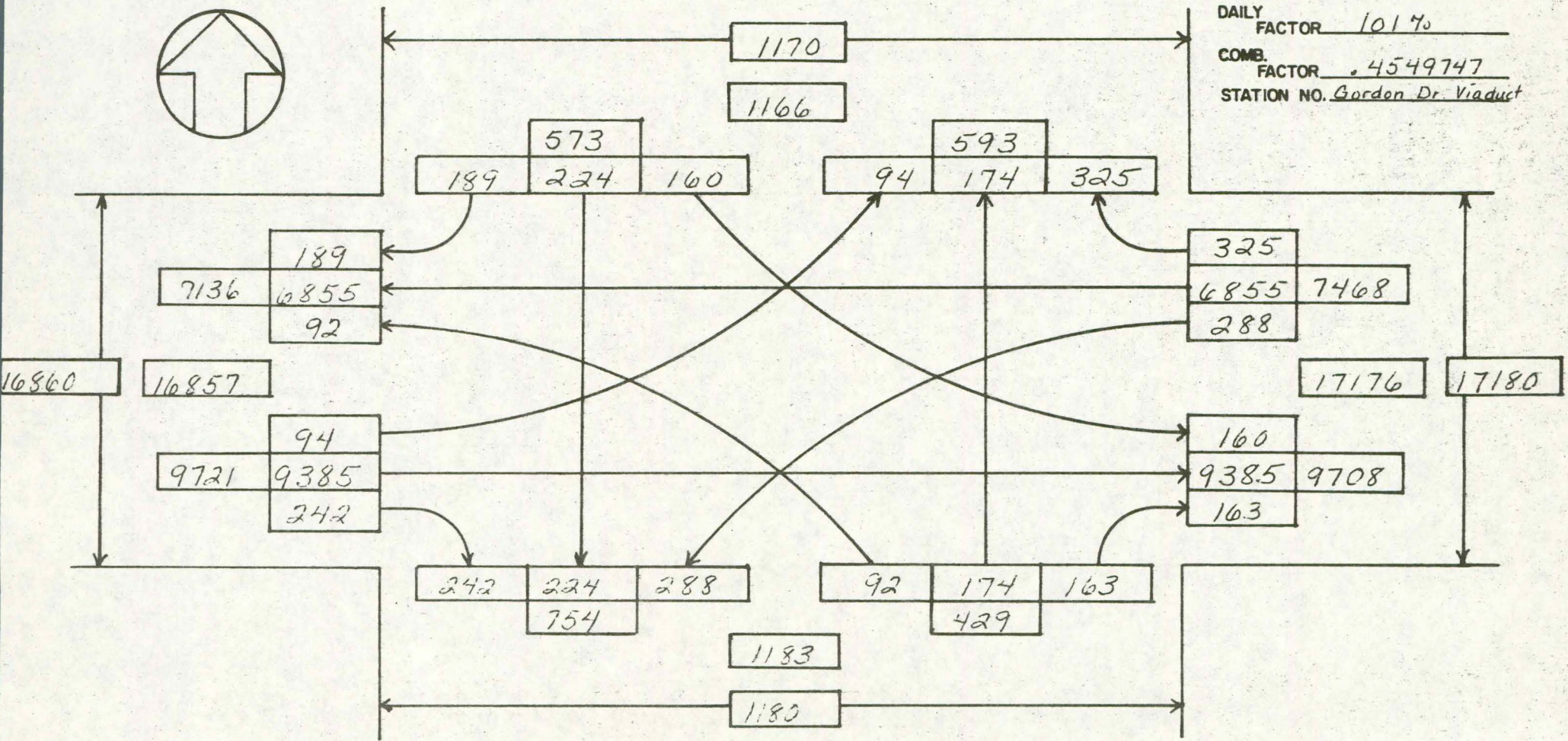
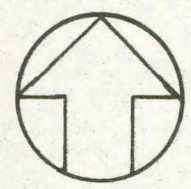
FLOW DIAGRAM

INTERSECTION Gordon Dr. + Court St

DATE 6-23-80 DAY Monday WEATHER sunny

HOURS COUNTED 7-11am, 3-6pm HOURS SHOWN 24 Hrs factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 42.1%  
 MONTHLY FACTOR 107%  
 DAILY FACTOR 101%  
 COMB. FACTOR .4549747  
 STATION NO. Gordon Dr. Viaduct



## Accident Summary

W.19TH & ALLAN

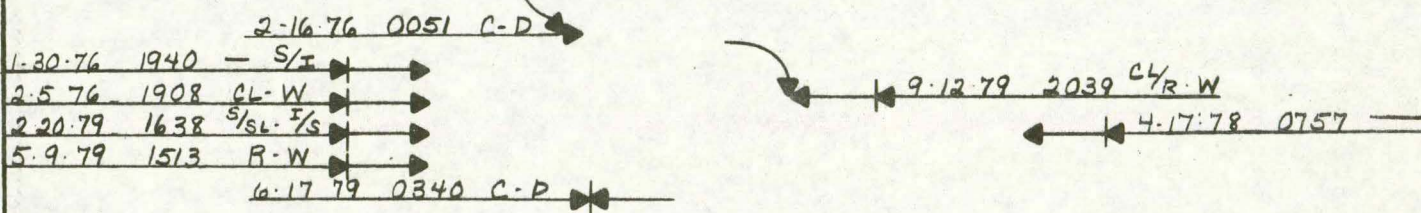
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">1</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">1</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>1</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;"><b>9</b></td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 1 | 10:00 a.m. - 2:00 p.m. | 0 | 2:00 p.m. - 6:00 p.m.  | 3        | 6:00 p.m. - 10:00 p.m. | 3        | 10:00 p.m. - 2:00 a.m.   | 1                      | 2:00 a.m. - 6:00 a.m.  | <u>1</u>                     | <b>Totals</b>             | <b>9</b>             | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>3</u></td> </tr> <tr> <td style="text-align: right;"><b>Totals</b></td> <td style="text-align: center;"><b>9</b></td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0        | Rear End           | 5         | Right Angle   | 0         | Left Turn | 1 | Pedestrian | 0 | Other | <u>3</u> | <b>Totals</b> | <b>9</b> |
|---|----------------------------|----------------------------|------------------------|---|------------------------|---|------------------------|----------|------------------------|----------|--|------------------------|--|------------------------------|---------------------------|----------------------|--|-----------------------|----------------------------|--------------------|----------|--------------------|-----------|---------------|-----------|-----------|---|------------|---|-------|----------|---------------|----------|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| 6:00 a.m. - 10:00 a.m.  | 1                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| 10:00 a.m. - 2:00 p.m.  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| 2:00 p.m. - 6:00 p.m.   | 3                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| 6:00 p.m. - 10:00 p.m.  | 3                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| 10:00 p.m. - 2:00 a.m.  | 1                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| 2:00 a.m. - 6:00 a.m.   | <u>1</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| <b>Totals</b>   | <b>9</b>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| <u>Accidents Type</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| Sideswipe   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| Rear End  | 5                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| Right Angle   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| Left Turn   | 1                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| Pedestrian  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| Other   | <u>3</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| <b>Totals</b>   | <b>9</b>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
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| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| Winter ( Dec. - Feb. )  | 5                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| Spring ( March - May )  | 2                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| Summer ( June - Aug. )  | 1                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| Fall ( Sept. - Nov. )   | <u>1</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| <b>Totals</b>   | <b>9</b>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| North ( Southbound )  | 2                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| South ( Northbound )  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| East ( Westbound )  | 5                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| West ( Eastbound )  | <u>12</u>                  |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| <b>Totals</b>   | <b>19</b>                  |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
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| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| Dry   | 2                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| Icy   | 3                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| Wet   | <u>3</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| <b>Totals</b>   | <b>8</b>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| 1976  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| 1977  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| 1978  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| 1979  | <u>0</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |
| 4 year Average  | <b>0</b>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |  |                              |                           |                      |  |                       |                            |                    |          |                    |           |               |           |           |   |            |   |       |          |               |          |



INDICATE NORTH  
BY ARROW

# COLLISION DIAGRAM

2-20-79 1638 S/SL-F/S



W. 19TH  
NAME

ALLAN  
NAME

| - SYMBOLS - |                  | TYPE OF COLLISION | WEATHER ROAD CONDITIONS |
|-------------|------------------|-------------------|-------------------------|
| ←           | MOVING VEHICLE   | ←←                | C-CLEAR                 |
| ←←←←        | BACKING VEHICLE  | →→                | CL-CLOUDY               |
| ←---        | NON-INV. VEHICLE | ←→                | R-RAIN                  |
| X---        | PEDESTRIAN       | ←↘                | S-SNOW                  |
| ▣           | PARKED VEHICLE   | ←↗                | SL-SLEET                |
| □           | FIXED OBJECT     | ←↖                | F-FOG                   |
| ●           | FATAL ACCIDENT   | ←↕                | M-MIST                  |
| ○           | INJURY ACCIDENT  | ↑                 | W-HIGHWIND              |
|             |                  |                   | D-DRY                   |
|             |                  |                   | W-WET                   |
|             |                  |                   | S-SNOW                  |
|             |                  |                   | I-ICE                   |
|             |                  |                   | SL-SLUSH                |
|             |                  |                   | M-MUD                   |
|             |                  |                   | O-OTHER (SPECIFY)       |

INTERSECTION W. 19TH AND ALLAN  
 PERIOD 4 YEARS : FROM 1976 TO 1979



TRAFFIC ENGINEERING DIVISION

VEHICLE VOLUME COUNT

FLOW DIAGRAM

INTERSECTION W. 19th + Allan Sts

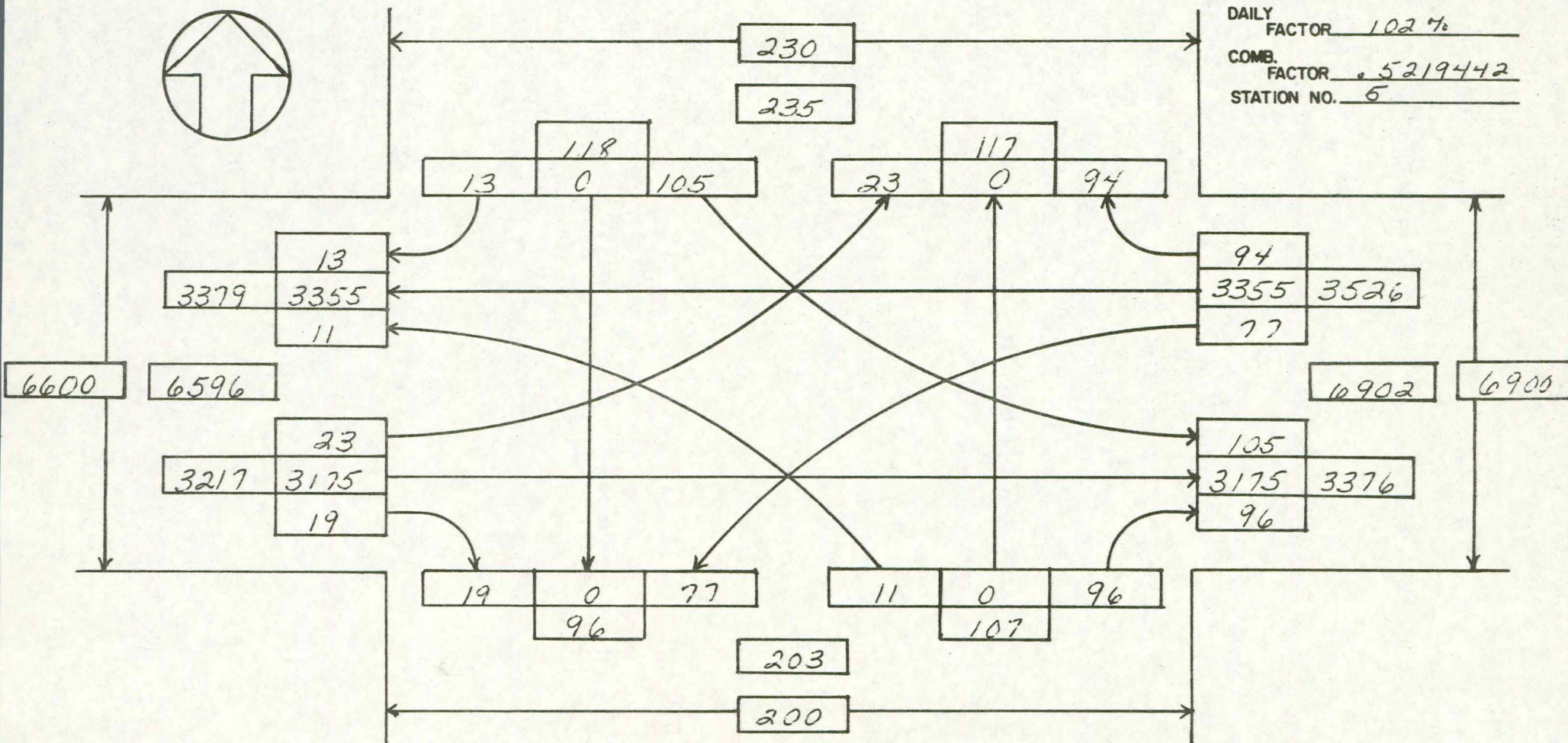
DATE 6-3-80

DAY Tuesday WEATHER sunny

HOURS COUNTED 7-11am; 3-6pm

HOURS SHOWN 24 Hrs factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 46.1%  
 MONTHLY FACTOR 111%  
 DAILY FACTOR 102%  
 COMB. FACTOR .5219442  
 STATION NO. 5



## Accident Summary

29TH & JACKSON

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">5</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">1</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">5</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">11</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 5 | 10:00 a.m. - 2:00 p.m. | 1 | 2:00 p.m. - 6:00 p.m. | 5        | 6:00 p.m. - 10:00 p.m. | 0        | 10:00 p.m. - 2:00 a.m.  | 0                      | 2:00 a.m. - 6:00 a.m.   | <u>0</u>                     | <b>Totals</b>             | 11                   | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">8</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">11</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0        | Rear End              | 1        | Right Angle   | 8  | Left Turn | 1 | Pedestrian | 1 | Other | <u>0</u> | <b>Totals</b> | 11 |
|--|----------------------------|----------------------------|------------------------|---|------------------------|---|-----------------------|----------|------------------------|----------|---|------------------------|---|------------------------------|---------------------------|----------------------|---|-----------------------|----------------------------|--------------------|----------|-----------------------|----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|----|
| <u>Time of Day</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 6:00 a.m. - 10:00 a.m.   | 5                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 10:00 a.m. - 2:00 p.m.   | 1                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 2:00 p.m. - 6:00 p.m.  | 5                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 6:00 p.m. - 10:00 p.m.   | 0                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 10:00 p.m. - 2:00 a.m.   | 0                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 11                         |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <u>Accidents Type</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Sideswipe  | 0                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Rear End   | 1                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Right Angle  | 8                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Left Turn  | 1                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Pedestrian   | 1                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Other  | <u>0</u>                   |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 11                         |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb.)</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Spring ( March - May)</td> <td style="text-align: center;">4</td> </tr> <tr> <td>Summer ( June - Aug.)</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Fall ( Sept. - Nov.)</td> <td style="text-align: center;"><u>3</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">11</td> </tr> </tbody> </table>   | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb.)  | 3 | Spring ( March - May)  | 4 | Summer ( June - Aug.) | 1        | Fall ( Sept. - Nov.)   | <u>3</u> | <b>Totals</b>   | 11                     | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">6</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">6</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">4</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>7</u></td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;">23</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 6   | South ( Northbound )  | 6                          | East ( Westbound ) | 4        | West ( Eastbound )    | <u>7</u> | <b>Totals</b> | 23 |           |   |            |   |       |          |               |    |
| <u>Time of Year</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Winter ( Dec. - Feb.)  | 3                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Spring ( March - May)  | 4                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Summer ( June - Aug.)  | 1                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Fall ( Sept. - Nov.)   | <u>3</u>                   |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 11                         |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <u>Direction of Approach</u>   | <u>Number of Vehicles</u>  |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| North ( Southbound )   | 6                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| South ( Northbound )   | 6                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| East ( Westbound )   | 4                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| West ( Eastbound )   | <u>7</u>                   |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 23                         |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
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| <u>Pavement Condition</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Dry  | 8                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Icy  | 0                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| Wet  | <u>2</u>                   |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>Totals</b>  | 10                         |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <u>Injury Severity</u>   | <u>Average</u>             |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 1976   | 4                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 1977   | 0                          |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 1978   | 3.5                        |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| 1979   | <u>0</u>                   |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |
| <b>4 year Average</b>  | 3.8                        |                            |                        |   |                        |   |                       |          |                        |          |   |                        |   |                              |                           |                      |   |                       |                            |                    |          |                       |          |               |    |           |   |            |   |       |          |               |    |



INDICATE NORTH BY ARROW

# COLLISION DIAGRAM

4-1-76 0640 C-D

11-1-77 1602 C-D

1-29-79 0737 C-D

10-26-79 1700 C-D

4-5-78 0812 CL-W

12-15-76 0930 C-W/E

1-25-79 1508 CL-D

10-24-79 1018 C-D

3-29-79 1449 CL-D

5-19-76 0955 C-D

29TH  
NAME

10-15-76 1504

JACKSON  
NAME

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←← REAR END
- HEAD ON
- ←→ SIDE SWIPE
- ←eee OUT OF CONTROL
- ←↘ LEFT TURN
- ↗→ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- |            |           |
|------------|-----------|
| C-CLEAR    | D-DRY     |
| CL-CLOUDY  | W-WET     |
| R-RAIN     | S-SNOW    |
| S-SNOW     | I-ICE     |
| SL-SLEET   | SL-SLUSH  |
| F-FOG      | M-MUD     |
| M-MIST     | O-OTHER   |
| W-HIGHWIND | (SPECIFY) |

INTERSECTION 29TH AND JACKSON  
PERIOD 4 YEARS : FROM 1976 TO 1979

# VEHICLE VOLUME COUNT

## FLOW DIAGRAM

INTERSECTION 29th + Jackson Sts

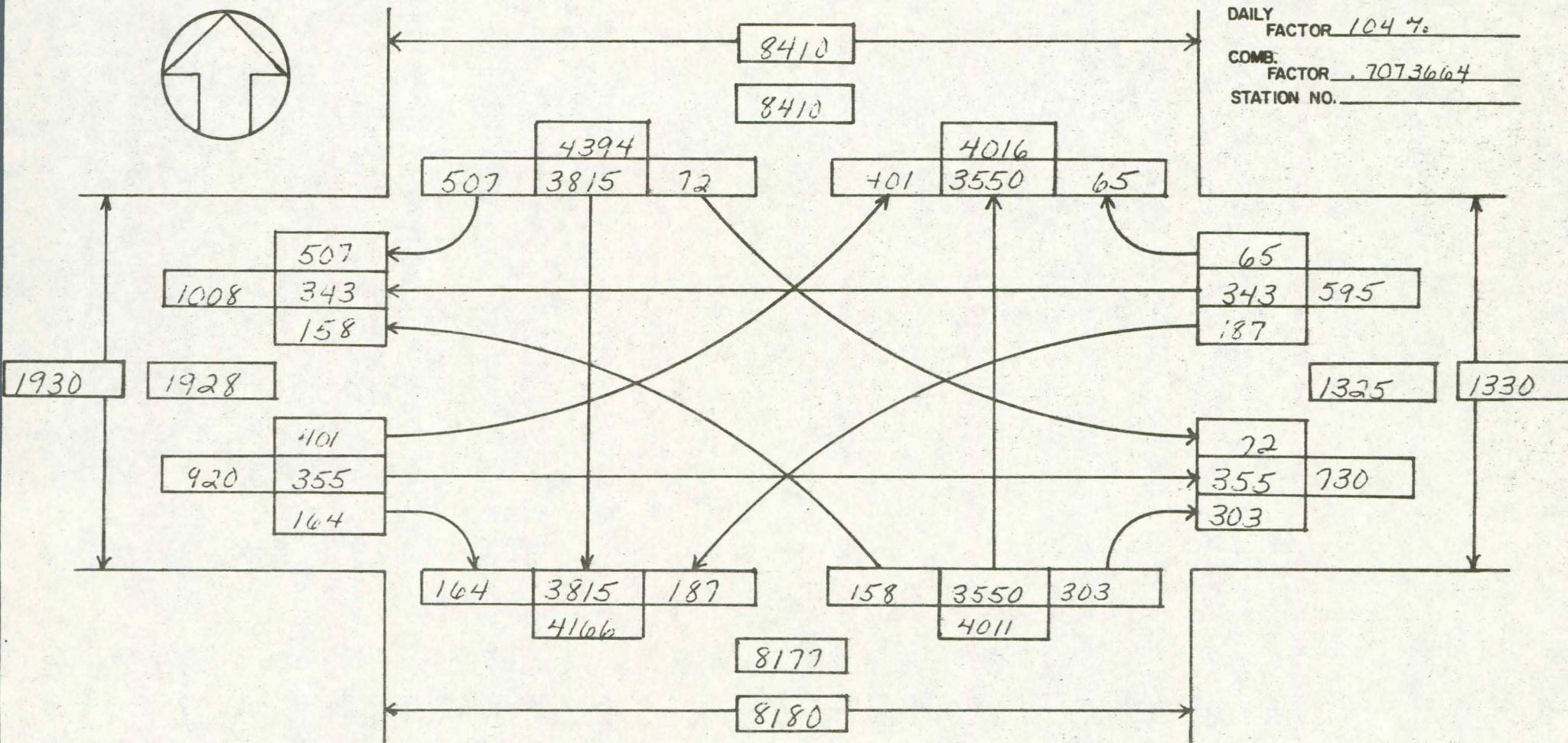
DATE 7-11-79

DAY Wednesday WEATHER clear-sunny

HOURS COUNTED 7-12am; 1-6pm

HOURS SHOWN 24 Hrs. Factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 65.4%  
 MONTHLY FACTOR 104%  
 DAILY FACTOR 104%  
 COMB. FACTOR .7073664  
 STATION NO. \_\_\_\_\_

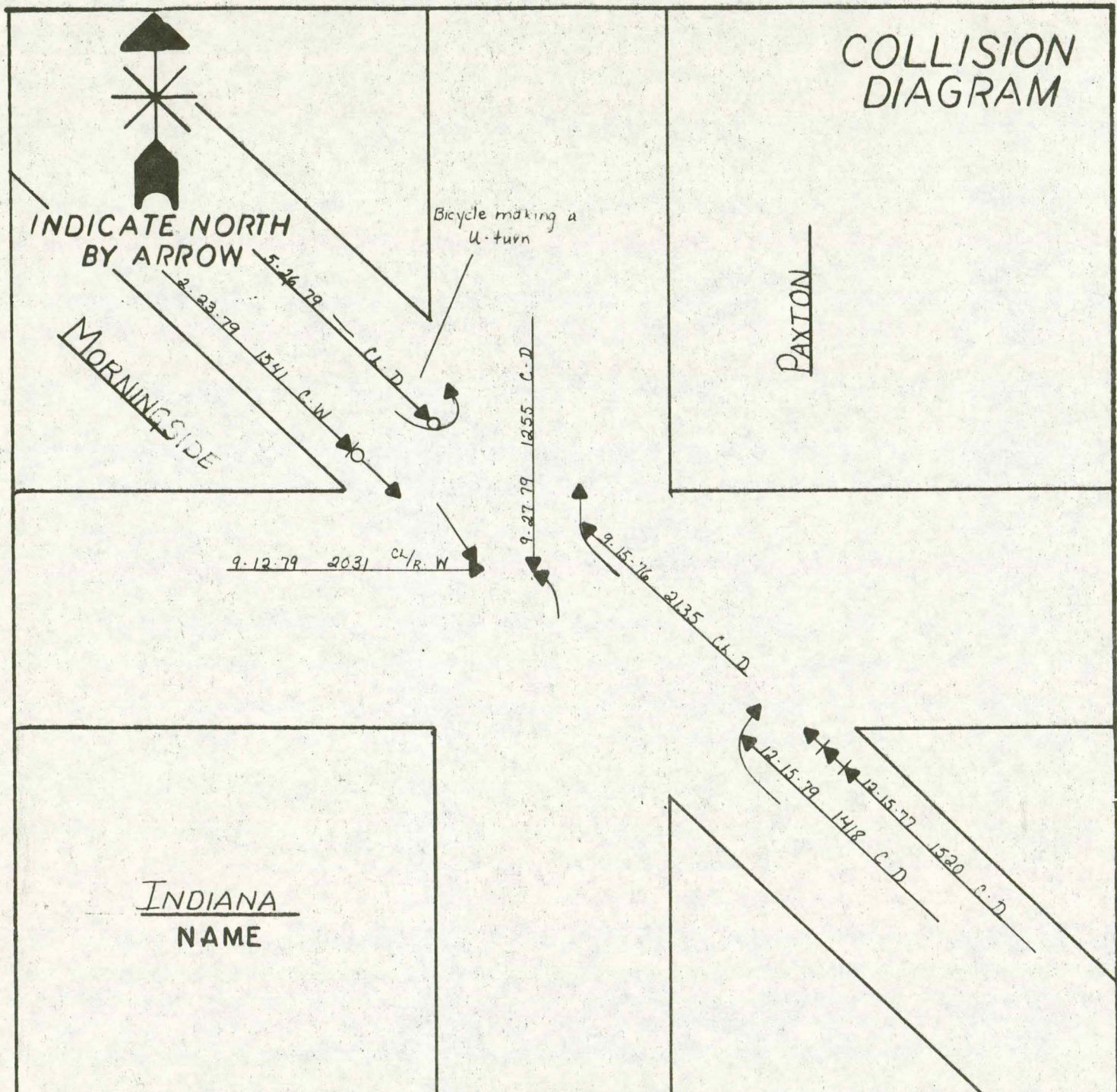


## Accident Summary

Morningside, Indiana & Paxton

| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Day</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>6:00 a.m. - 10:00 a.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td>10:00 a.m. - 2:00 p.m.</td> <td style="text-align: center;">1</td> </tr> <tr> <td>2:00 p.m. - 6:00 p.m.</td> <td style="text-align: center;">3</td> </tr> <tr> <td>6:00 p.m. - 10:00 p.m.</td> <td style="text-align: center;">2</td> </tr> <tr> <td>10:00 p.m. - 2:00 a.m.</td> <td style="text-align: center;">0</td> </tr> <tr> <td>2:00 a.m. - 6:00 a.m.</td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">6</td> </tr> </tbody> </table> | <u>Time of Day</u>         | <u>Number of Accidents</u> | 6:00 a.m. - 10:00 a.m. | 0 | 10:00 a.m. - 2:00 p.m. | 1 | 2:00 p.m. - 6:00 p.m.  | 3        | 6:00 p.m. - 10:00 p.m. | 2        | 10:00 p.m. - 2:00 a.m.   | 0                      | 2:00 a.m. - 6:00 a.m.   | <u>0</u>                     | <b>Totals</b>             | 6                    | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Accidents Type</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Sideswipe</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Rear End</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Right Angle</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Left Turn</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Pedestrian</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Other</td> <td style="text-align: center;"><u>3</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">7</td> </tr> </tbody> </table> | <u>Accidents Type</u> | <u>Number of Accidents</u> | Sideswipe          | 0          | Rear End           | 2        | Right Angle   | 1  | Left Turn | 1 | Pedestrian | 0 | Other | <u>3</u> | <b>Totals</b> | 7 |
|---|----------------------------|----------------------------|------------------------|---|------------------------|---|------------------------|----------|------------------------|----------|--|------------------------|---|------------------------------|---------------------------|----------------------|--|-----------------------|----------------------------|--------------------|------------|--------------------|----------|---------------|----|-----------|---|------------|---|-------|----------|---------------|---|
| <u>Time of Day</u>  | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| 6:00 a.m. - 10:00 a.m.  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| 10:00 a.m. - 2:00 p.m.  | 1                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| 2:00 p.m. - 6:00 p.m.   | 3                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| 6:00 p.m. - 10:00 p.m.  | 2                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| 10:00 p.m. - 2:00 a.m.  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| 2:00 a.m. - 6:00 a.m.   | <u>0</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| <b>Totals</b>   | 6                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| <u>Accidents Type</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| Sideswipe   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| Rear End  | 2                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| Right Angle   | 1                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| Left Turn   | 1                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| Pedestrian  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| Other   | <u>3</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| <b>Totals</b>   | 7                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Time of Year</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Winter ( Dec. - Feb. )</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Spring ( March - May )</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Summer ( June - Aug. )</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Fall ( Sept. - Nov. )</td> <td style="text-align: center;"><u>3</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">7</td> </tr> </tbody> </table>   | <u>Time of Year</u>        | <u>Number of Accidents</u> | Winter ( Dec. - Feb. ) | 3 | Spring ( March - May ) | 1 | Summer ( June - Aug. ) | 0        | Fall ( Sept. - Nov. )  | <u>3</u> | <b>Totals</b>  | 7                      | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Direction of Approach</u></th> <th style="text-align: center;"><u>Number of Vehicles</u></th> </tr> </thead> <tbody> <tr> <td>North ( Southbound )</td> <td style="text-align: center;">6</td> </tr> <tr> <td>South ( Northbound )</td> <td style="text-align: center;">8</td> </tr> <tr> <td>East ( Westbound )</td> <td style="text-align: center;">0</td> </tr> <tr> <td>West ( Eastbound )</td> <td style="text-align: center;"><u>1</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">15</td> </tr> </tbody> </table> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> | North ( Southbound ) | 6  | South ( Northbound )  | 8                          | East ( Westbound ) | 0          | West ( Eastbound ) | <u>1</u> | <b>Totals</b> | 15 |           |   |            |   |       |          |               |   |
| <u>Time of Year</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| Winter ( Dec. - Feb. )  | 3                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| Spring ( March - May )  | 1                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| Summer ( June - Aug. )  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| Fall ( Sept. - Nov. )   | <u>3</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| <b>Totals</b>   | 7                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| <u>Direction of Approach</u>  | <u>Number of Vehicles</u>  |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| North ( Southbound )  | 6                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| South ( Northbound )  | 8                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| East ( Westbound )  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| West ( Eastbound )  | <u>1</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| <b>Totals</b>   | 15                         |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Pavement Condition</u></th> <th style="text-align: center;"><u>Number of Accidents</u></th> </tr> </thead> <tbody> <tr> <td>Dry</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Icy</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Wet</td> <td style="text-align: center;"><u>2</u></td> </tr> <tr> <td style="text-align: center;"><b>Totals</b></td> <td style="text-align: center;">7</td> </tr> </tbody> </table>   | <u>Pavement Condition</u>  | <u>Number of Accidents</u> | Dry                    | 5 | Icy                    | 0 | Wet                    | <u>2</u> | <b>Totals</b>          | 7        | <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Injury Severity</u></th> <th style="text-align: center;"><u>Average</u></th> </tr> </thead> <tbody> <tr> <td>1976</td> <td style="text-align: center;">4</td> </tr> <tr> <td>1977</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1978</td> <td style="text-align: center;">0</td> </tr> <tr> <td>1979</td> <td style="text-align: center;"><u>3.5</u></td> </tr> <tr> <td style="text-align: center;">4 year Average</td> <td style="text-align: center;">3.7</td> </tr> </tbody> </table> | <u>Injury Severity</u> | <u>Average</u>  | 1976                         | 4                         | 1977                 | 0  | 1978                  | 0                          | 1979               | <u>3.5</u> | 4 year Average     | 3.7      |               |    |           |   |            |   |       |          |               |   |
| <u>Pavement Condition</u>   | <u>Number of Accidents</u> |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| Dry   | 5                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| Icy   | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| Wet   | <u>2</u>                   |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| <b>Totals</b>   | 7                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| <u>Injury Severity</u>  | <u>Average</u>             |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| 1976  | 4                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| 1977  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| 1978  | 0                          |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| 1979  | <u>3.5</u>                 |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |
| 4 year Average  | 3.7                        |                            |                        |   |                        |   |                        |          |                        |          |  |                        |   |                              |                           |                      |  |                       |                            |                    |            |                    |          |               |    |           |   |            |   |       |          |               |   |

# COLLISION DIAGRAM



| - SYMBOLS - |                  | TYPE OF COLLISION | WEATHER ROAD CONDITIONS |
|-------------|------------------|-------------------|-------------------------|
| ←           | MOVING VEHICLE   | ←←                | REAR END                |
| ←←←←        | BACKING VEHICLE  | →→                | HEAD ON                 |
| ←---        | NON-INV. VEHICLE | ←↘                | SIDE SWIPE              |
| X---        | PEDESTRIAN       | ←eee              | OUT OF CONTROL          |
| ▣           | PARKED VEHICLE   | ←↙                | LEFT TURN               |
| □           | FIXED OBJECT     | ↖                 | RIGHT ANGLE             |
| ●           | FATAL ACCIDENT   |                   |                         |
| ○           | INJURY ACCIDENT  |                   |                         |
|             |                  |                   | C-CLEAR                 |
|             |                  |                   | D-DRY                   |
|             |                  |                   | CL-CLOUDY               |
|             |                  |                   | W-WET                   |
|             |                  |                   | R-RAIN                  |
|             |                  |                   | S-SNOW                  |
|             |                  |                   | I-ICE                   |
|             |                  |                   | SL-SLEET                |
|             |                  |                   | SL-SLUSH                |
|             |                  |                   | F-FOG                   |
|             |                  |                   | M-MIST                  |
|             |                  |                   | W-HIGHWIND              |
|             |                  |                   | M-MUD                   |
|             |                  |                   | O-OTHER (SPECIFY)       |

INTERSECTION MORNINGSIDE AVE, INDIANA AND PAXTON

PERIOD 4 YEARS : FROM 1976 TO 1979

# IOWA DEPARTMENT OF TRANSPORTATION

OFFICE OF TRANSPORTATION INVENTORY

AMES, IOWA 50010

6-WAY TURNING MOVEMENT FORM

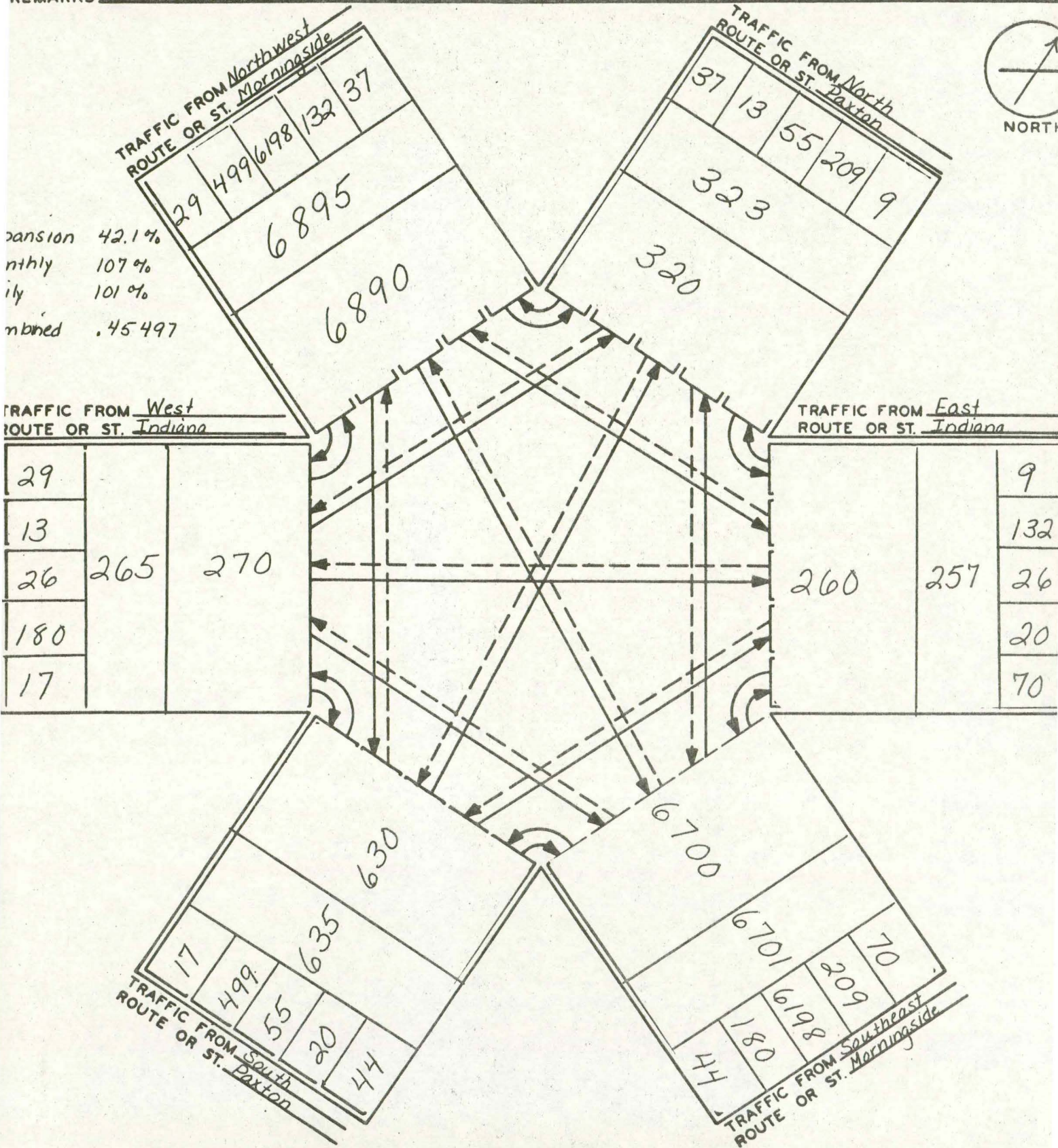
DATE 8-12-80 DAY Tuesday CITY \_\_\_\_\_ COUNTY \_\_\_\_\_

HOUR 7-11am; 3-6pm STATION NO. 1

WEATHER cloudy LOCATION MORNINGSIDE, INDIANA + PAXTON

TRAFFIC RECORDER \_\_\_\_\_ SEC. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_

REMARKS 24 hrs. factored



Expansion 42.1%  
Monthly 107%  
Daily 101%  
Combined .45497

## Accident Summary

27TH & PIERCE

| <u>Time of Day</u>     | <u>Number of Accidents</u> | <u>Accidents Type</u> | <u>Number of Accidents</u> |
|------------------------|----------------------------|-----------------------|----------------------------|
| 6:00 a.m. - 10:00 a.m. | 3                          | Sideswipe             | 0                          |
| 10:00 a.m. - 2:00 p.m. | 1                          | Rear End              | 4                          |
| 2:00 p.m. - 6:00 p.m.  | 5                          | Right Angle           | 5                          |
| 6:00 p.m. - 10:00 p.m. | 2                          | Left Turn             | 2                          |
| 10:00 p.m. - 2:00 a.m. | 1                          | Pedestrian            | 1                          |
| 2:00 a.m. - 6:00 a.m.  | <u>0</u>                   | Other                 | <u>0</u>                   |
| <b>Totals</b>          | 12                         | <b>Totals</b>         | 12                         |

| <u>Time of Year</u>    | <u>Number of Accidents</u> | <u>Direction of Approach</u> | <u>Number of Vehicles</u> |
|------------------------|----------------------------|------------------------------|---------------------------|
| Winter ( Dec. - Feb. ) | 3                          | North ( Southbound )         | 3                         |
| Spring ( March - May ) | 4                          | South ( Northbound )         | 6                         |
| Summer ( June - Aug. ) | 4                          | East ( Westbound )           | 11                        |
| Fall ( Sept. - Nov. )  | <u>1</u>                   | West ( Eastbound )           | <u>3</u>                  |
| <b>Totals</b>          | 12                         | <b>Totals</b>                | 23                        |

| <u>Pavement Condition</u> | <u>Number of Accidents</u> | <u>Injury Severity</u> | <u>Average</u> |
|---------------------------|----------------------------|------------------------|----------------|
| Dry                       | 3                          | 1976                   | 0              |
| Icy                       | 0                          | 1977                   | 0              |
| Wet                       | <u>1</u>                   | 1978                   | 4              |
| <b>Totals</b>             | 4                          | 1979                   | <u>0</u>       |
|                           |                            | <b>4 year Average</b>  | 4              |





INDICATE NORTH BY ARROW

# COLLISION DIAGRAM

1-27-78 2219

5-21-76 1630

3-2-78 0845

2-18-76 0655 C/R W

7-23-79 1925 CL D  
4-15-76 1530  
8-28-77 1313

8-10-78 1417 Ice D

1-12-79 1750

3-18-77 0648 Ice D  
12-4-78 1730

27TH  
NAME

PIERCE  
NAME

8-7-76 2059

## - SYMBOLS -

- ← MOVING VEHICLE
- ←←←← BACKING VEHICLE
- ← - - - NON-INV. VEHICLE
- X - - - PEDESTRIAN
- ▣ PARKED VEHICLE
- FIXED OBJECT
- FATAL ACCIDENT
- INJURY ACCIDENT

## TYPE OF COLLISION

- ←←← REAR END
- ←→ HEAD ON
- ←↘ SIDE SWIPE
- ←eee OUT OF CONTROL
- ←↙ LEFT TURN
- ↑ RIGHT ANGLE

## WEATHER ROAD CONDITIONS

- C-CLEAR
- CL-CLOUDY
- R-RAIN
- S-SNOW
- SL-SLEET
- F-FOG
- M-MIST
- W-HIGHWIND
- D-DRY
- W-WET
- S-SNOW
- I-ICE
- SL-SLUSH
- M-MUD
- O-OTHER (SPECIFY)

INTERSECTION 27TH AND PIERCE  
PERIOD 4 YEARS : FROM 1976 TO 1979

# VEHICLE VOLUME COUNT

## FLOW DIAGRAM

INTERSECTION 27th + Pierce Sts

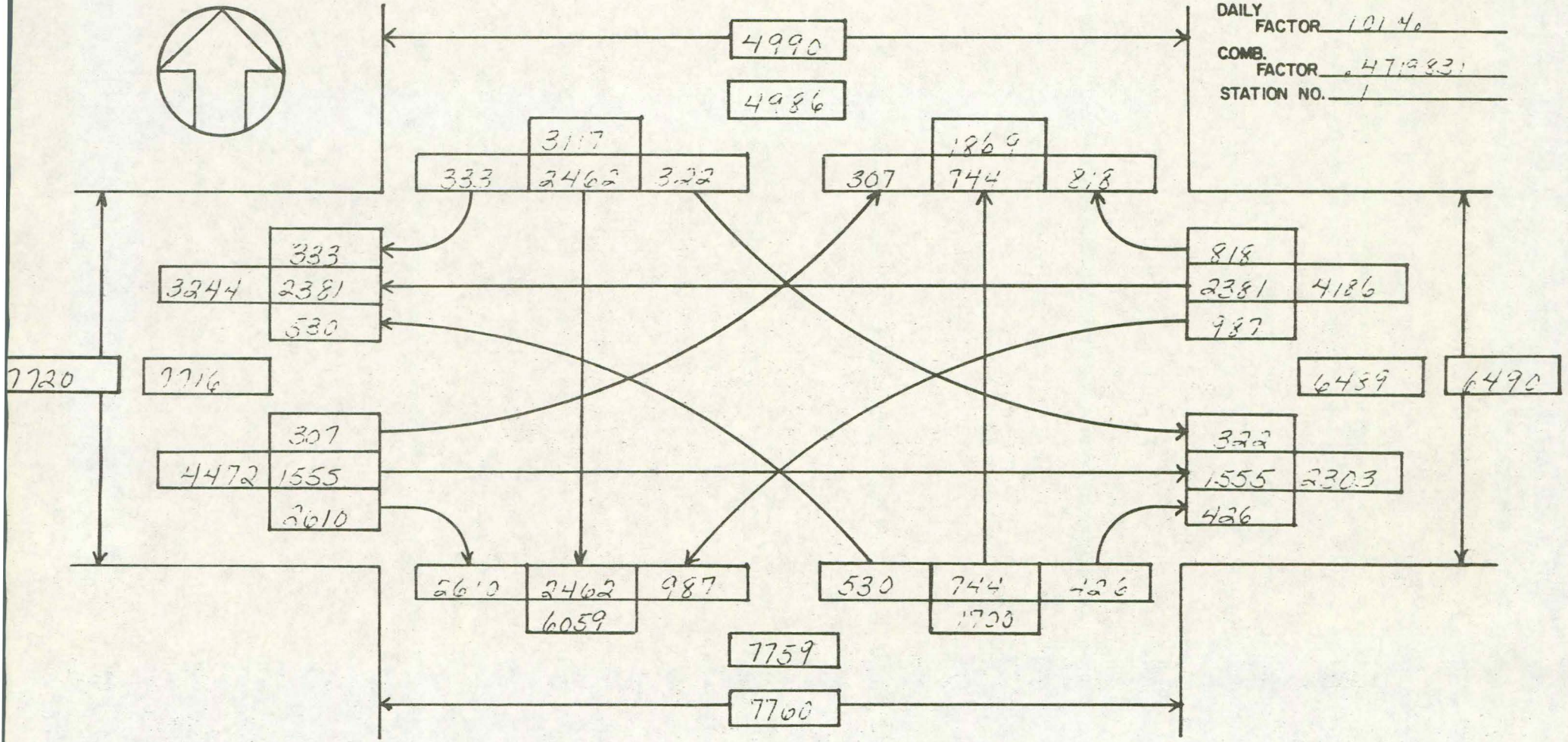
DATE 6-30-80

DAY Monday WEATHER cloudy & windy

HOURS COUNTED 7-11am, 3-6pm

HOURS SHOWN 24 hrs. factored

**CONVERSION FACTORS**  
 EXPANSION FACTOR 42.1%  
 MONTHLY FACTOR 111%  
 DAILY FACTOR 101%  
 COMB. FACTOR 47.933%  
 STATION NO. 1



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