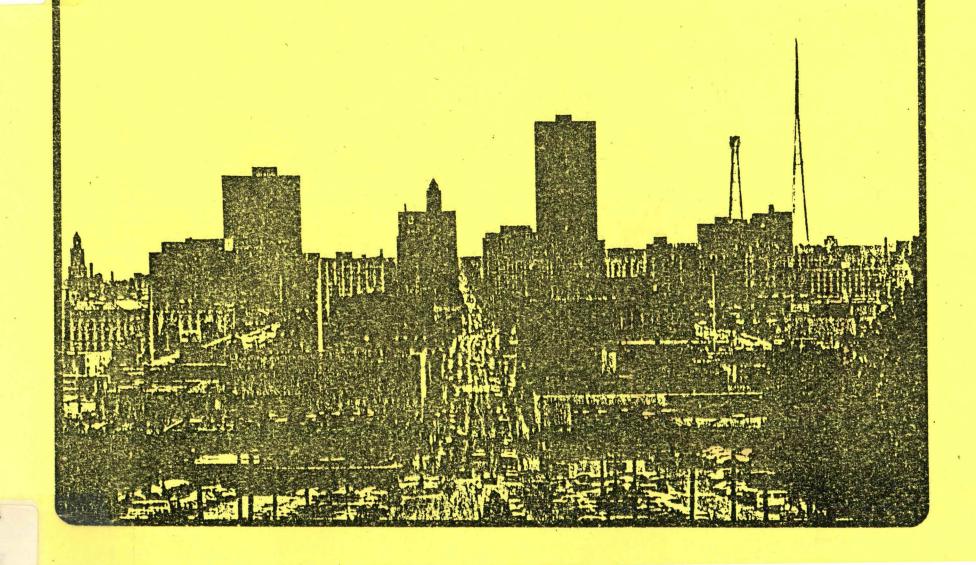
HE 5634 .D5 C3333 1977

FY1978 ~ 1982

TRANSPORTATION IMPROVEMENT PROGRAM

Des Moines Urbanized Area



Fiscal Year 1978-1982 TRANSPORTATION IMPROVEMENT PROGRAM

FOR THE

DES MOINES URBANIZED AREA

Clive, Des Moines, Johnston, Pleasant Hill, Polk County, Urbandale, West Des Moines, Windsor Heights

September 20, 1977

The Transportation Improvement
Program for the Des Moines Urbanized Area was prepared under the
direction of the Des Moines Urban
Area Transportation Policy
Committee by the Transportation
Technical Committee and supported
by the staff of the Central Iowa
Regional Association of Local
Governments.

The preparation of this report has been financed in part through grants from the U.S. Department of Transportation, Urban Mass Transportation Administration, under the Urban Mass Transportation Act of 1964, as amended, and the Federal Highway Administration.

TABLE OF CONTENTS

Transportation Improvement Program Federal Requirements	1
Development of the Transportation Improvement Program	2
Airport Projects	4
Bicycle/Pedestrian Projects	9
Highway and Street Projects	15
Transit	48
Special Efforts	55
Annual Element	65

CHARTS

Summary of Present FAUS Funds yet to be Expended	20
Summary of Estimated Expenditures	67
MAPS	
Airport Projects	
Des Moines	8
Bicycle/Pedestrian Projects	
Des Moines	14
IDOT	14
Highway & Street Projects	
Clive Des Moines IDOT Johnston Pleasant Hill Polk County Urbandale West Des Moines Windsor Heights	26 30 34 36 38 41 43 45
Transit	
MTA	. 54

TRANSPORTATION IMPROVEMENT PROGRAM FEDERAL REQUIREMENTS

- The urban transportation planning process shall include development of a Transportation Improvement Program including an annual element.
- The Program shall be a staged multi-year program of transportation improvement projects consistent with the Transportation Plan.
- The Transportation Improvement Program shall consist of improvements recommended from the Transportation System Management and long-range elements of the Transportation Plan.
- The Program shall cover a period of not less than three (3) years, but may at local discretion cover up to five (5) years or more.
- The Transportation Improvement Program shall be developed and updated annually under the direction of the Metropolitan Planning Organization (MPO) in cooperation with: (1) State and local officials; (2) Regional and local transit operators; (3) Recipients authorized under Section 5 (b) (2) or (3) of the UMT Act (49 U.S. Code 1604 (b) (2) or (3); and (4) Other affected transportation and regional planning and implementing agencies.
- The annual element of the Transportation Improvement Program must contain projects or project elements designed to benefit elderly and handicapped persons specifically, including wheelchair users and those with semi-ambulatory capabilities. Reasonable progress must be demonstrated in implementing previously programmed projects.

DEVELOPMENT OF THE TRANSPORTATION IMPROVEMENT PROGRAM

PLANNING SUPPORT DOCUMENTS

The Transportation Improvement Program (TIP) for the Des Moines Urbanized Area (FY 1978-1982) is the programming document for implementing projects recommended from the short-range and long-range elements of the total transportation plan. The Des Moines Urbanized Area Transportation System Management (TSM) Plan, in conjunction with the Des Moines Area Transit Development Program (TDP) and the Analysis of the MTA Operating System for 1977, serves as the short-range element of the Area's transportation plan, while the Revised Initial 1990 Des Moines Urbanized Area Transportation Plan serves as the long-range element.

TRANSPORTATION SYSTEM MANAGEMENT PLAN (TSM)

The FY 1978 TSM will be adopted by the Des Moines Urban Area Transportation Policy Committee in November, 1977. The document is divided into two sections which consist of short-range transit improvement projects and short-range highway and street projects. The TDP was adopted by the Policy Committee on August 11, 1975. The purpose of the study was to evaluate existing transit service and to prepare a five (5) year program of transit improvement projects. The Analysis of the MTA Operating System was completed in July, 1977. This document is a comprehensive analysis of the MTA operating system to determine the impact of existing levels of transit service on achieving established transit goals.

The projects contained in these documents are designed to meet the short-range needs of the transportation system. The inclusion in the TIP of projects recommended from these documents is a condition of UMTA program approval. This approval is required for all projects proposed for implementation with Federal assistance under Sections 3 and 5 of the Urban Mass Transportation Act of 1964, as amended, in all urbanized areas having a population of 200,000 or more.

THE REVISED INITIAL 1990 DES MOINES URBANIZED AREA TRANSPORTATION PLAN

The Revised Plan was adopted by the Des Moines Urban Area Transportation Policy Committee on July 3, 1974, and is reaffirmed annually. As part of the adoption process of the Revised Plan, the improvements necessary for implementation were divided into three (3) priority stagings by the Des Moines Urban Area Transportation Policy and Technical Committees.

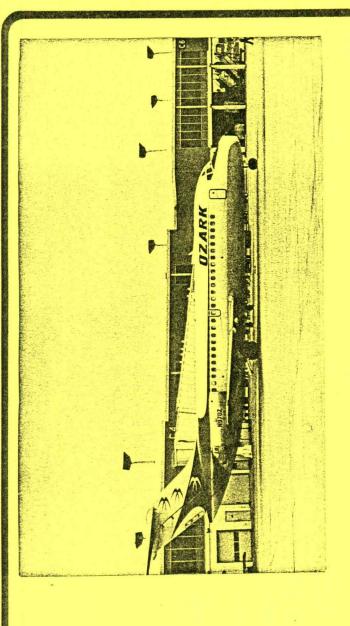
- 1. First Priority Staging (FY 1975-1979)
- 2. Second Priority Staging (FY 1980-1984) 3. Third Priority Staging (FY 1985-1990)

CAPITAL IMPROVEMENTS PROGRAM

In the development of their Capital Improvements Program, individual member governments look at areas of immediate need (problem areas such as congested or high accident areas) as well as the long-range needs of their transportation system. Many of the immediate needs of the transportation system can be met by actions recommended through the short-range planning process, while long-range projects are drawn from the long-range plan. The local governments then take these planning documents and develop projects to meet their individual needs. Projects involving federal funding must be approved by the Policy Committee. Thus, the TIP is a merger of projects recommended from the short-range and long-range planning process.

On an annual basis, the TIP for the Des Moines Urbanized Area will show the progress being made toward implementation of the total transportation plan. Projects recommended from the short-range and long-range planning process have been programmed for implementation during a specific year covered by the TIP, depending on the priority of that project. Where information was available, estimated project costs and proposed funding sources have been submitted for each project by the participating jurisdictions in order to establish a budget which reflects maximum utilization of available local and federal funds. The projects programmed for implementation during the first year of the TIP are included in the annual element.

To continue the process of implementation of the total transportation plan, local officials will have to consider the remaining projects for inclusion in ensuing TIPs. A TIP will be developed annually for the Des Moines Urbanized Area based upon the input and priorities of each member government through the continuing urban transportation planning process. It should be noted that the priority of certain upcoming projects may vary due to changing conditions in the Urbanized Area, or the local government's financial capability to implement specific projects.



AIRPORT PROJECTS

AIRPORT PROJECTS

PROJECT APPLICATIONS

According to the Airport and Airway Development Act of 1976 only air carrier, commuter service, reliever, and certain general aviation airports are eligible for airport development project applications.

FUNDING

Federal funding for all projects (other than airport terminal development and airport system planning) at aviation, reliever and commuter service airports is 90% for fiscal year 1978 and 80% for fiscal years 1979 and 1980. This funding breakdown also applies to air carrier airports which enplane less than ¼ of 1% of the total passengers enplaned at all air carrier airports. The Federal share for all other airports is 75%. Discretionary Federal funds are also available for airport improvement on a state-by-state project-by-project basis.

The Iowa Department of Transportation matching policy, adopted in 1976, requires that municipal funds match Federal funds for air carrier airports. The State aeronautics fund will provide 50% of the Federal match to assist general aviation projects when the Federal share is reduced to 80%. Any remaining State aeronautics funding not required to match Federal funds will be made available to airports included in the State Airport System Plan on a 70% State and 30% local matching basis. Six months notice of the estimated amount of the apportionments to be made that year will be given to the sponsor.

AIRPORT AND AIRWAY DEVELOPMENT PROGRAM

Airport development grants are provided for air carrier and general aviation airports under the stipulation of Section 6 of the 1976 Airport Act Amendment. Discretionary funds are allocated from the Airport and Airway Trust Fund for costs of certain air navigation services.

PLANNING GRANTS

The 1976 Airport and Airway Development Act provides the same level of funding

for planning grants as the 1970 Act with the following additions: Funds for any airport master planning grant is the same as the share for airport development grants at that particular airport. Federal funds for any airport system planning grant is 75%.

Federal participation in the Planning Grant Program is limited to 2/3 of the estimated cost of a planning project. The total funds obligated may not exceed \$15 million in any one fiscal year.

Eligible planning grant projects include airport system plans for state, metropolitan, and regional areas, and master plans for individual airports. The projects are to be based on short, intermediate, and long-range forecasts of aviation demand.

TERMINAL DEVELOPMENT PROJECTS

Specified terminal development is eligible for Federal assistance subject to meeting the conditions in Section 12 of the 1976 Airport Act. The Federal share of such developments is 50% of the projects' costs.

10 E	T.W.		DES MOINÉS	40	b.8	(4)	38	d	TOTA	L PROJECT (COST DISTRIBI	JTION
PROJE DEMTHCA NUMBI	SOURC SOURC DOCUME	DATE	AIRPORT PROJECT LOCATION/ DESCRIPTION	TYPE		2		FUNDA	FEDERAL	STATE	LOCAL	TOTAL
1	CIP	1978	Airport Terminal Building - Interior Renovation	С				L,			150,000	150,000
	CIP	1978	Airport Master Plan	ST				FAA	215,000	15,000		230,000
2	CIP	1978	Airport Parking Expansion	С				L			260,000	260,000
	CIP	1978	Runway/Taxiway Improvements	RS,I,W, IN,C				FAA	4,092,830		145,170	4,238,000
3	CIP	1978	Emergency Generator-Concourse	IN				L			15,000	15,000
4	CIP	1978	FBO Apron Paving Overlay	RS				FAA	238,000		27,000	265,000
	CIP	1978	Airfield Improvements-Snow & Ice Removal Equipment	Sf RS,I,W,				FAÀ	730.800		B1,200	812,000
1	CIP	1981	Runway/Taxiway Improvements Airport Terminal Building-Interior Renovation	IN,C				ENA	1,919,000		70.000	70,000
4	CIP	1979	FBO Apron Paving Overlay	RS				FAA	157,000		52.000	209.000
2	CIP	1979	Airport Parking Expansion	C				L			415,000	415,000
5	CIP	1980	Northeast Service Road	P				FAA	131.000		44.000	175,000
6	CIP	1980	Landing Aids - 12L/30R	IN				FAA	439,500	73,250	73,250	586,000
7	CIP	1980	Airport Crash/Fire Rescue Station	С				FAA	337,500	56,250	56,250	450,000
8	CIP	1980	South Service Road Airfield improvements-Snow & Ice	C		-		FAA	206,000		69,000	275,000
9	CIP	1980	Removal Equipment Air Cargo Apron-Expansion	Sf C				FAA	730,800 151,000	25,500	81,200 25,500	202,000
							•••••				A.	

These project numbers correspond with the numbers on the map of improvements showing the project locations.

PROJECT SOURCE DOCUMENT SYMBOLS

- R.P. Revised 1990 Plan

- 15H Transportation Systems Hanagement tocal Transportation Short-Range Capital Improvements Program
- STIP -State Transportation Improvement Program

TYPE OF IMPROVEMENT SYMBOLS

- ARS Automatic Raffroad Signals
- BC Bridge Construction
- BRP Bridge Replacement

(CONTINUED)

- C Construction
- Channellzation
- Grading
- Intersection Improvements
- Intersection Lighting
- Installation
- Hedlans
- Paving
- Reallgoment
- Reconstruction
- Acpair
- ROW Right-of-way Acquisition

(CONTINUED)

- RS Resurfacing
- 5 Signatization
- SF Study
- IL Turning Lanes
- V Widening
- SF Safety

NATIONAL FUNCTIONAL CLASSIFICATION

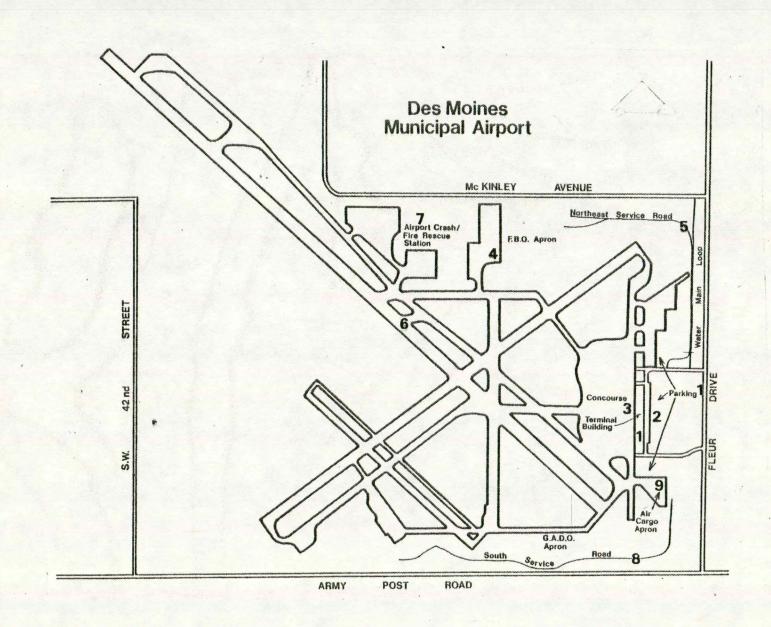
- PA Principle Arterial
- MA Hinor Arterial
- t Coffector t - tocal

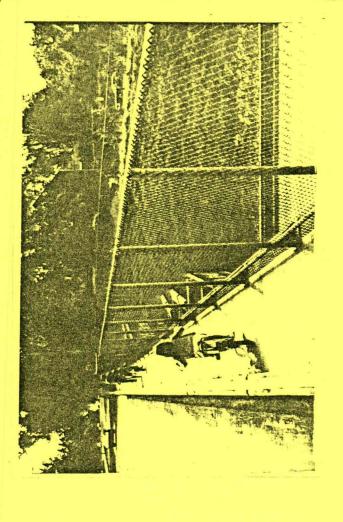
FUNDING TYPE SYMBOLS

FAI - Federal Ald Interstate

(CONTINUED)

- FAP Federal Ald Primary
- FAUS Federal Ald Urban System
- FAS Federal Ald Secondary
- FIN Farm-to-market
- 1 2 Title II
- HUD Housing and Urban Development
- SEC J- UHIA Section 3
- SEC 5- UNIA Section 5
- SEC 10-UHIA Section 10
- 16h2 UHTA Section 16(b)(2)
- BOR Bureau of Mutdoor Recreation
- FAA Federal Aviation Administration
- \$ State Dept. of fransportation L - Local





BICYCLE/PEDESTRIAN PROJECTS

FUNDING AVAILABLE FOR BICYCLE/PEDESTRIAN PROJECTS

I. FEDERAL-AID HIGHWAY ACT OF 1976

The Federal-aid Highway Act of 1976 did not create a separate fund to finance bicycle and pedestrian projects. Bicycle and pedestrian projects can be eligible for Federal-aid highway funds when used on or in conjunction with a Federal-aid highway project. Projects proposed for Federal-aid funding on the Interstate, Primary, and Secondary systems are selected by the appropriate State Transportation Agency with consideration of State and local needs and desires. Urban System (FAUS) funds may be used for projects located in urban and urbanized areas which are selected by local elected officials acting through the metropolitan planning agency. The projects must have the specific concurrence of the State Transportation Agency.

Bicycle and pedestrian projects proposed for Federal-aid funding can be eligible for up to 70% participation by Federal funds when built independently of other highway construction projects. Bicycle or pedestrian facilities built concurrently with a Federal-aid highway construction project may be financed with the same type of Federal-aid funds used for the highway project.

II. BIKEWAY DEMONSTRATION PROGRAM

The Bikeway Demonstration Program provides additional funding for bikeway projects of national interest and promotes bicycling as a safe alternate mode of transportation for commuter and/or recreational use. Any urban area (5,000 + population) is eligible to apply. However, Federal-aid bikeway projects currently advanced to the "authorization to proceed" stage and projects eligible for funding as incidental features to Federal-aid highway construction projects are not eligible for funds under this Demonstration Program. Funding is not available for facilities in rural areas.

Funds will be provided to the State and local communities on an 80% Federal and 20% local participation basis for the eligible total cost of the project.

III. BUREAU OF OUTDOOR RECREATION (BOR)

Bicycle projects can be eligible for BOR funding when they are to serve a recreational function, 40% of these funds are apportioned to each state

equally; the remaining 60% is apportioned according to the relative need of each state for such funds. Bicycle projects can be eligible for 50% participation by Federal funds under the BOR Program. As of October 1, 1978, the amount of funding will increase. However, the 50% allocation will remain the same.

NO.	5		Des Moines	1	5-8	L.A.	ŒB	g ĝ	9	TOTA	L PROJECT	COST DISTRIB	UTION
DENTIFICAT	SOURCE DOCUMEN	DATE	BICYCLE/PEDESTRIAN PROJECT LOCATION/ DESCRIPTION	TYPE OF IMPROVEMENT	PROJECT LENGTH (IN MILES)	9			FUNDEN	FEDERAL	STATE	LOCAL	TOTAL
	CIP	1978	Citywide Sidewalk Program	C, ROW					L			235,000	235,000
1	CIP	1978	Grass Roots Sidewalks	С					L			110,000	110,000
	TSM	1978	Street and Curb Intake Renovation	IN					т 2	18,000		8,000	26,000
2	TSM	1978	Downtown Skywalk System	С					FAUS	70,000	114740	30,000	100,000
3	TSM	1979) 1982	Bike Trails	С					BOR	80,000		80,000	160,000
X	CIP	1979 1982	Citywide Sidewalk Program	C, ROW					L			180,000	180,000
	CIP	1979 1982		С			-		FAUS	1,617,000		693,000	2,310,000
								 					
										O'MAN			
A B													

PROJECT IDENTIFICATION NUMBER

These project numbers correspond with the numbers on the map of improvements showing the project locations.

PROJECT SOURCE DOCUMENT SYMBOLS

R.P. - Revised 1990 Plan

TSM - Transportation Systems

Hanagement
- Local Transportation Short-Range Capital Improvements

STIP = State Transportation Improvement Program

TYPE OF IMPROVEMENT SYMBOLS

ARS - Automatic Reliroad Signals

BC - Bridge Construction

BRP - Bridge Replacement

TYPE OF IMPROVEMENTS SYMBOLS

C - Construction

- Channellzation

- Grading

- Gravel

- Intersection Improvements

IL - Intersection Lighting

- Installation

- Hedlans

P - Paving

A - Realignment

RC - Reconstruction

RE - Repair

ROW - Right-of-way Acquisition

TYPE OF IMPROVEMENTS SYMBOLS

RS - Resurfacing

5 - Signalization

ST - Study

IL - Turning Lanes

W - Widening

SF - Safety

NATIONAL FUNCTIONAL CLASSIFICATION SYMBOLS

PA - Principle Arterial

MA - Minor Arterial

C - Collector L - tocal

FUNDING TYPE SYMBOLS

fAl - Federal Ald Interstate

FUNDING TYPE SYMBOLS

FAP - federal Ald Primary

FAUS - Federal Ald Urban System

FAS - Federal Ald Secondary

FTH - Farm-to-market

T 2 - Title II

HUD - Housing and Urban Development

SEC 3- UNIA Section 3

SEC 5- UHTA Section 5

SEC 10-UNTA Section 10

1662 - UMTA Section 16(6)(2)

BOR - Bureau of Outdoor Recreation FAA - Federal Aviation Administration

S - State Dept. of Transportation

L - Local

Z K			IDOT	X E	5 = 8	10.1		3 6	g	тот	AL PROJECT	COST DISTRIB	UTION
DENTIFICATIO	SOUNCE DOCUMENT	DATE	BICYCLE/PEDESTRIAN PROJECT LOCATION/ DESCRIPTION	TYPE OF IMPROVEMENT	PROJECT LENGTH (IN MLES)	9		PURCHOSAL CLASSIFICATION	FUNDING	FEDERAL	STATE	LOCAL	TOTAL
4	TSM	1978	Ia. 46 South of Dean Ave., DM Pedestrian Underpass	С				NA.	FAP/ USTEP		44,500	44,500	89,000

					-								
_													
_					-	-							
-		To a											
							 					1	
					1		Г						
										!			
								<u> </u>					
					77.5								
_							-						
				Letter		-	-						
							₩					-	

These project numbers correspond with the numbers on the map of improvements showing the project locations.

PROJECT SOURCE DOCUMENT SYMBOLS

- M.P. Revised 1990 Plan

- TSM Transportation Systems
 Hanagement
 CIP Local Transportation ShortRange Capital Improvements
 Program
 CTID
- STIP State Transportation Improvement Program

TYPE OF IMPROVEMENT SYMBOLS

- ARS Autometic Railroad Signals
- BC Bridge Construction
- BRP Bridge Replacement

(CONTINUED)

- C Construction
- CH Channellzation
- G Grading

- 1 Intersection Improvements
- IL Intersection Lighting
- IN Installation
- H Hedlans
- P Paving
- Reallgoment
- RC Reconstruction
- RE Repair
- ROW Right-of-way Acquisition

(CONTINUED)

- AS Resurfacing
- 5 Signafization
- ST Study
- TL Turning Lanes
- W Widening
- SF Safety

NATIONAL FUNCTIONAL CLASSIFICATION SYMBOLS

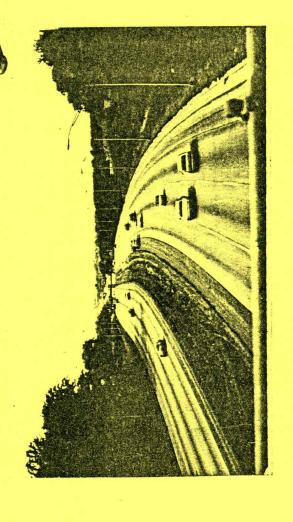
- PA Principle Arterial
- HA Hinor Arterial
- C Collector
- L Local

FUNDING TYPE SYMBOLS

FAI - Federal Ald Interstate

(CONTINUED)

- FAP Federal Ald Primary
- FAUS Federal Ald Urban System
- FAS Federal Ald Secondary
- FIH Farm-to-market
- T 2 Title II
- HUD Housing and Urban Development
- SEC 3- UHTA Section 3
- SEC 5- UHTA Section 5
- SEC 10-UHTA Section 10
- 1662 UHTA Section 16(6)(2)
- BOR Bureau of Dutdoor Recreation
- FAA Federal Aviation Administration
- 5 State Dept. of Transportation
- L . Local



HIGHWAY/STREET PROJECTS

FUNDING AVAILABLE FOR HIGHWAY AND STREET PROJECTS

I. FEDERAL-AID HIGHWAY ACT OF 1976

Funding categories for highway and street projects are the Federal-aid interstate, Federal-aid primary, Federal-aid urban systems and Federal-aid secondary programs as provided for by the Federal-aid Highway Act of 1976. When properly programmed, approved, and documented, projects authorized under Title 23, U.S. Code can be eligible for up to 70% participation for Federal-aid highway funds (except in the case of Federal-aid interstate funds which have a 90% Federal participation). All capital projects in urban areas of more than 50,000 population must be based on a continuing, cooperative, comprehensive planning process in order to be eligible for Federal-aid highway funding.

Non-interstate Federal-aid highway funds are apportioned to the state on the first day of the fiscal year of the apportionment and remain available for three years following the fiscal year. Interstate funds will be apportioned one year in advance of the fiscal year and will remain available for two years after the fiscal year.

Following are explanations of each type of funding under the Federal-aid Highway Program.

A. Federal-aid Interstate (FAI)

Federal-aid interstate funds are available for interstate routes inside and outside of urbanized areas on FAI designated routes. FAI funds are apportioned to each state in the ratio which the Federal share of the estimated cost of completing the interstate system in such state bears to the sum of the estimated cost of the Federal share of completing the interstate system in all states.

To permit states to develop adequate plans for the utilization of apportioned sums, the Secretary shall advise each state 90 days prior to the apportionment of such funds.

Interstate funds will be apportioned one (1) year in advance of the fiscal year and will remain available for two (2) years after the fiscal year. In addition, a new funding category for interstate provides specific funding for resurfacing, restoring and rehabilitating the interstate system. The first increment of funding will apply to fiscal 1978 interstate apportionment. However, the funding will be available to Iowa on October 1, 1976, and remain available for two (2) fiscal years with a 90% Federal participation.

B. Federal-aid Primary (FAP)

Under the 1976 Federal-aid Highway Act, the former rural primary, urban primary extensions and priority-primary categories have been combined into a single primary program. The 1976 Act changes the apportionment for the primary system to a formula which is weighted 2/3 to the existing primary formula and 1/3 to the ratio of population in all the urban areas. This reflects the change in the Federal-aid primary system to include urban extensions. The apportionment date for all apportionments is changed to October 1st of the fiscal year for which authorized.

The urbanized system apportionment formula would be based solely on the ratio of population in urbanized areas of each State to total urbanized area population. The apportionment of the community service system is also to be made on October 1st of each year.

No State (other than the District of Columbia) shall receive less than 1/2 of 1% of each year's apportionment).

C. Federal-aid Urban Systems (FAUS)

Federal-aid urban systems funds are available for eligible engineering and/or construction costs on urban arterials and collector routes in urban areas on FAUS routes designated by local officials with the concurrence of the state, and, where appropriate, in accordance with the comprehensive urban transportation planning process. FAUS funds are apportioned to each state in the ratio which population in urban areas of each state bears to the population in urban areas of all states (as of the 1970 Census). FAUS projects can be eligible for up to 70% participation on a reimbursement basis.

The Urban Systems Department of the Iowa Department of Transportation has the responsibility of overall development, administration and coordination of the statewide FAUS program. The State has allocated FAUS funds to each urbanized area (50,000 + population) on the basis of its population (as of the 1970 Census). The Des Moines Urban Area Transportation Policy Committee subsequently established population as the basis for allocating FAUS funds to each participating jurisdiction within the Urbanized Area.

To permit the states to develop adequate plans for the utilization of apportioned sums, the Secretary of Transportation shall advise each state of the amount that will be apportioned each year, not later than ninety (90) days before the beginning of the fiscal year for which the sums to be apportioned are authorized.

FAUS funds are apportioned to the state the first day of the fiscal year of the apportionment and remain available for three (3) years following the fiscal year of the authorization. For example, fiscal year 1978 funds will be apportioned to the state on October 1, 1977, and expire on September 30, 1981.

Because of the shift in the Federal fiscal year, Congress has made available to be apportioned among the states a single authorization for non-interstate purposes. The state must allocate this sum among the Federal-aid systems and program categories.

Unobligated FAUS funds are reviewed by the Office of Urban Systems of the Iowa Department of Transportation (IDOT) and reallocated to cities which have an insufficient fund balance for eligible projects ready for obligation or for an area that can develop a project in the remaining time. If it appears that FAUS funds cannot be obligated by an urbanized area within the above prescribed time, the Highway Division of IDOT may elect to transfer FAUS funds to extensions of the Federal-aid primary systems, within the limitations as set forth in Title 23, U.S. Code.

The following table shows the allocation of Federal Highway Administration (FHWA) Urban Systems funds in the Des Moines

Urbanized Area.

D. Federal-aid Secondary (FAS)

Federal-aid secondary consists of rural major collector (non-urbanized) routes designated by the State Highway Department in cooperation with local officials. FAS funds are apportioned to each state 1/3 on the basis of state land area, 1/3 on population of rural areas and 1/3 on the mileage of specified mail routes. FAS projects can be eligible for up to 70% participation.

SUMMARY OF PRESENT FEDERAL AID URBAN SYSTEM FUNDS YET TO BE EXPENDED FOR THE DES MOINES URBANIZED AREA

	(Present	ACT FUND (FAM) 1970 Act ions yet 1)		(Present	1973 Act lons yet (to be				(Present F	FUND BALANCE Tederal Aid U Llocations ye Led)	rban
JURISDICTION	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total	Federal	Local	Total
CLIVE	6,125	2,625	8,750	45,064	19,313	64,377	31,433	13,471	44,904	82,622	35,409	118,031
DES MOINES	0	0	0	0	0	0 ,	2,017,700	864,728	2,882,428	2,017,700	864,728	2,882,428
JOHNSTON	. 0	0	0	33,865	14,514	48,379	23,574	10,103	33,677	57,439	24,617	82,056
PLEASANT HILL	0	0	0	23,012	9,862	32,874	15,716	6,735	22,451	38,728	16,597	55,325
POLK COUNTY	0	0	0	18,633	7,986	26,619	107,395	46,026	153,421	126,028	54,012	180,040
URBANDALE	0	0	0	3,220	1,380	4,600	146,686	62,865	209,551	149,906	64,245	214,151
WEST DES MOINES	0	0	0	0	0	. 0	156,187	66,937	223,124	156,187	66,937	223,124
WINDSOR HEIGHTS	12,783	5,478	18,261	94,500	40,500	135,000	65,485	28,065	93,550	172,768	74,043	246,811
TOTAL	18,908	8,103	27,011	218,294	93,555	311,849	2,564,176	1,098,930	3,663,106	2,801,378	1,200,588	4,001,966

^{1 -} Subject to Policy Committee Action for allocation of Federal Aid Urban System Funds

II. HIGHWAY SAFETY ACT OF 1976 (Title II)

Federal funds are available under this program for projects to correct roadway hazards and deficiencies and for demonstration programs and studies. Following is a description of each program.

A. Rail-Highway Crossing (Federal-aid System)

Rail-highway crossing funds are available for projects for the elimination of hazards at railway-highway crossings on any Federal-aid highway system (other than the interstate system). Rail-highway crossing funds are apportioned to each state 1/2 on the basis of land area, rural population and specified rural mail route miles; and 1/2 by urban population. Rail-highway crossing projects can be eligible for 90% participation.

At least 1/2 of the available funds must be used for installation of protective devices at railway-highway crossings.

B. Rail-Highway Crossings (Non-Federal aid System)

Railroad crossing funds are available for projects for elimination of hazards at railway-highway crossings on any non-Federal aid system. Rail-highway crossing funds for non-Federal aid system are also eligible for 90% participation. Appropriation for these funds are pending.

C. High Hazard Locations

High hazard location and elimination of roadside obstacles have been combined in the Highway Safety Act of 1976 (Title II). Funds are available for projects to eliminate or reduce the hazards at specific locations or sections of highways which have high accident experiences or high accident potentials. Funds are also available for projects to correct roadside hazards on any Federal-aid system (other than the interstate system). These funds are apportioned to each state 75% on the basis of population and 25% on public road mileage. Funds are eligible for 90% participation.

D. Bridge Reconstruction and Replacement

Bridge reconstruction and replacement funds are available for

projects for special bridge repair and replacement. These funds may be used only for routes on the Federal-aid system. Bridge reconstruction and replacement funds are eligible for 75% participation.

E. Pavement Marking Demonstration Programs

Pavement Marking Demonstration Program funds are available for projects to improve the pavement marking of all highways to provide for greater vehicle and pedestrian safety. These funds may be used for projects on all highways whether on or off of the Federal-aid system (other than the interstate system). Pavement Marking Demonstration Program funds are eligible for 100% participation and are available on a first come - first serve basis.

F. <u>Safer Off-System Roads</u>

Grants are available to states for projects for the construction, reconstruction and improvement of any off-system road including, but not limited to, the correction of safety hazards, the replacement of bridges, the elimination of high hazard locations and roadside obstacles.

On October 1st of each fiscal year the Secretary of Transportation shall apportion the sums authorized to be appropriated to carry out this section among the several states as follows: 2/3 according to the following formula - 1/3 in the ratio which the area of each state bears to the total area of all the states, 1/3 in the ratio which the population of rural areas of each states bears to the total population of rural areas of all the states, 1/3 in the ratio in which the off-system road mileage of each state bears to the total off-system road mileage of all the states; and 1/3 in the ratio which the population in urban areas in each state bears to the total population in urban areas in each state bears to the total population in urban areas in all the states as shown by the latest Federal census. Sums for safer off-system roads are eligible for 90% participation.

G. <u>Incentive Safety Grants</u>

Incentive safety grants are available to states which have significantly reduced the actual number of traffic fatalities during the calendar year immediately preceding the fiscal year for which such

incentive funds are authorized compared to the average of the actual number of traffic fatalities for the four calendar years preceding such calendar year. Grants shall be in addition to other funds.

III. FARM TO MARKET

Farm-to-Market funds are available from the State for county road projects located on farm-to-market designated routes. Farm-to-market road funds are designated from the road use tax fund at the rate of 9% monthly. Road use tax funds are made up of proceeds from the registration and fuel tax or license fees of motor vehicles, revenues derived from use tax on motor vehicles, trailers, accessories and equipment, and any other funds which may by law be credited to the road use tax fund.

Need allotment farm-to-market road funds shall be allotted among the counties in the ratio that the needs of the farm-to-market roads in each county bear to the total needs of the farm-to-market roads in the state as shown in the latest Quadrennial Need Study Report developed by the State Department of Transportation, and which is on record at the Department. However, for each fiscal year in the period beginning July 1, 1977, and ending June 30, 1981, each county shall not receive less than the total amount the county received from the farm-to-market road fund for the fiscal year beginning July 1, 1975. For each fiscal year in the period beginning July 1, 1977, and ending June 30, 1981, if a county is entitled to receive an allocation from the farm-to-market road fund based on area, and the latest Quadrennial Need Study is greater than that amount received from the farm-to-market road fund for the fiscal year beginning July 1, 1975, the county shall be entitled to a pro rata allocation of the funds in the farm-to-market road fund in excess of that amount in the farm-to-market road fund for the fiscal year beginning July 1, 1975.

IV. URBAN STATE TRAFFIC ENGINEERING PROGRAM (U-STEP)

The Iowa Department of Transportation (IDOT) has developed an U-STEP (Urban State Traffic Engineering Program) to provide cities with traffic engineering assistance and continuing funding within the State Highway Program. These activities, aimed at improving safety and operation, would extend the useful life of an existing roadway, while postponing the need for a major capital investment. This approach, which uses the following procedure for start-up, makes the best use of available highway funds.

- The city requests a traffic engineering analysis.

- The State cooperates with the city in engineering studies.

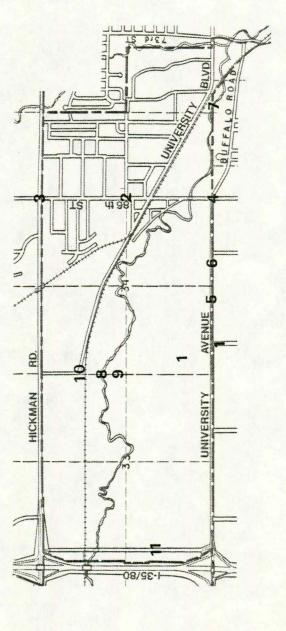
- The city may request 50% State sharing of the recommended improvement costs.

- The State sets a priority for the project, based on the dollars available, the projected benefits of the proposed improvements, and city initiative.

N N	F		CLIVE	*	ti z s	LAI	NES	140	9	тот	AL PROJECT (COST DISTRIBU	TION
DENTIFICAT	SOURCE SOURCE DOCUME	DATE	PROJECT LOCATION/ DESCRIPTION	TYPE OF IMPROVEMENT	PROJECT LENGTH (IN MILES)	EXISTING	PROPOSED	NATIONA FUNCTION CLASSIFICA	FUNDE	FEDERAL	STATE	LOCAL	TOTAL
1	TSM		University Ave. and NW 100th Street	1,5	.06	2	4	PA	FAUS	45,150	C1 WD	ve 14,850 1 4,500	64,500
2	TSM	1978	Harbach Blvd. and NW 86th Street	S	-			PA	FAUS	18,900		8,100 ve 7,125	27,000
3	TSM	1978	Hickman Road and NW 86th Street	S,CH,W	-			PA	FAUS	16,625	37,500 Ur		85,000
4	TSM	1979	NW 86th Street and University Blvd. University Ave. from NW 86th Street	S,CH,W	-			PA	L			75,000 ve 67,500	75,000
5	RP	79-80	to point 300 ft. west of NW 100th	W	2	2	4	PA	FAUS	315,000	WDN	67,500	450,000
6	RP	1980	NW 90th and University	S Bridge				MA	FAUS		*W	1	28,000
7	RP	1980	University Ave. over N Walnut Creek	RC or C				MA					80,000
8	RP	1980+	NW 100th St. over Walnut Creek	ВС				PA					410,000
9	RP	1980+	NW 100th St. Bridge to Lincoln	P.			_	PA					30,000
10	RP	1980 +	NW 100th St. Bridge to Hickman	P			_	PA					118,000
11	RP	1980-	NW 114th	P				L	L			570,000	570,000
			* Negotiations to be made at future date.										
				1									
		These pro	DENTIFICATION NUMBER Spect numbers correspond numbers on the map of ois slowing the project CH - Channelization	DLS.		RS -	Resur	OVEHENTS IT INUED)	SYMBOL 5		FUNDING TYPE SI (CONTINUED FAP - Federal FAUS - Federal		

These project numbers on the map of laprovements showing the project locations. CH - Construction	PROJECT TOERTIFFICATION NUMBER	(CONTINUED)	(CONTINUED)	(CONTINUED)
CH Channelization S Signalization FAIS Federal Aid Urban System	with the numbers on the map of	C - Construction	AS - Resurfacing	FAP - Federal Aid Primery
R.P. Revised 1990 Plan I. Intersection improvements II. Junting Lanes III. Junting Lanes III		CH - Channellzation	S - Signafization	FAUS - Federal Ald Urban System
R.P Revised 1990 Plan I - Intersection improvements	PROJECT SOURCE DOCUMENT SYMBOLS	G ~ Grading	ST - Study	FAS - Federal Aid Secondary
15H - Transportation Systems 1L - Intersection Lighting SF - Safety HUD - Housing and Broan Development Hunder of the Program Hunder of th	R.P. Revised 1990 Plan	GR - Gravel .	IL - Turning Lanes	FIM - Farm-to-market
It intersection Lighting SF - Salety HUD - Housing and Urban Development Forgram STIP - State Transportation Improvement Program Forgram Timprovement Program Forgram A - Realignment Forgram Fo		1 - Intersection Improvements	W - Widening	12 - Iltle II
Range Capital Improvements Program STP - State Transportation Improvement Program Type of Introduction Accounts of the Construction AC - Reconstruction BC - Bridge Construction BRP - Bridge Replacement ROW - Right-of-way Acquisition ROW - Right-of-way Acquisition SYMBOLS FA - Principle Arterial SEC 5- UNIA Section 3 SEC 5- UNIA Section 5 SEC 6- UNIA Section 10 SEC 6- UNIA Se	Hanagement	IL - Intersection Lighting	The state of the s	HUD - Housing and Urban Development
STIP - State Transportation Improvement Program P - Paving HA - Hinor Arterial SEC 10-UMIA Section 5 Improvement Program P - Paving HA - Hinor Arterial SEC 10-UMIA Section 10 IVPE OF IMPROVEMENT SYMBOLS A - Realignment C - Collector I662 - UMIA Section 16(b)(2) ARS - Automatic Railroad Signals AC - Reconstruction L - Local BOR - Bureau of Outdoor Recreation BC - Bridge Construction RE - Repair IUMDING TYPE SYMBOLS S - State Dept. of Transportation BAP - Bridge Replacement ROW - Right-of-way Acquisition FAI - Federal Aid Interstate BRP - Bridge Replacement L - Local	Range Capital Improvements	IN - Installation		SEC 3- UNTA Section 3
TYPE OF IMPROVEMENT SYMBOLS A - Realignment C - Collector L - Local BOR - Bureau of Dutdoor Recreation BC - Bridge Construction BE - Repair FAN - Federal Aviation Administration BRP - Bridge Replacement ROW - Right-of-way Acquisition FAI - Federal Aid Interstate L - Local L - Local	STIP - State Transportation	H - Hedlans	PA - Principle Arterial	SEC 5- UNIA Section 5
ARS - Automatic Railroad Signals RC - Reconstruction L - Local BOR - Bureau of Outdoor Recreation RC - Bridge Construction RE - Repair FAN - Federal Aviation Administration BRP - Bridge Replacement ROW - Right-of-way Acquisition FAI - Federal Aid Interstate L - Local L - Local	Improvement Program	P - Paving	HA - Hinor Arterial	SEC 10-UNIA Section 10
BC - Bridge Construction RE - Repair FAA - Federal Aviation Administration BRP - Bridge Replacement ROW - Right-of-way Acquisition FAI - Federal Aid Interstate L - Local	TYPE OF IMPROVEMENT SYMBOLS	R - Realignment	C - Collector	16h2 - UNTA Section 16(h)(2)
### Bridge Replacement ROW - Right-of-way Acquisition FAI - Federal Aid Interstate Control	ARS - Automatic Railroad Signals	RC - Reconstruction	L - Local	BOR - Bureau of Autdoor Recreation
BRP - Bridge Replacement ROW - Right-of-way Acquisition FAI - Federal Aid Interstate L - Local	BC - Bridge Construction	RE - Repair	CHANGE TARE CARROLE	FAA - Federal Aviation Administration
FAI - Federal Ald Interstate L - Local	BRP - Bridge Replacement	BOY - Blobs of constant to the	TONOTHU TIPE STROUGS	5 - State Dept. of Transportation
		non might of way Acquisition	FAI - Federal Ald Interstate	

CLIVE



DE S	t: wk		Des Moines	NEW TOWN	p±8	LAI	IES	TION NO.	9	тоти	AL PROJECT	COST DISTRIBU	TION
PROJE DENTIFICA NUMBE	SOURC	DATE	PROJECT LOCATION/ DESCRIPTION	TYPE OF MAPROVEMENT	PROJECT LENGTH (IN MLES)	EXISTING	PROPOSED	NATIONA FUNCTION CLASSIFICA	FUNDING	FEDERAL	STATE	LOCAL	TOTAL
1	RP	1978	Guthrie Avenue Viaduct	BC		-	4	PA	FAUS	1,331,149		648,851	1,980,000
2	RP	1978	Court Avenue Bridge	RC		4	4	ма	L			733,535	733,535
	CIP	1978	Citywide Bridges	RC					L			75,000	75,000
	CIP	1978	Reconstruction & Repair bridges	RC				1	L			100,000	100,000
3	CIP	1978	Second Avenue Parking Facilities	С					L			12,350,000	2,350,000
	CIP	1978	Parking Meter Replacement	С					L			87,545	87,545
	CIP	1978	Parking Utilization Control System	IN					L			30,000	30,000
4	CIP	1978	Locust Street Parking Garage	С					L			3,000,000	3,000,000
5	TSM	1978	9th Street - Center to University	W		2	4	С	L			234,000	234,000
6	TSM	1978	Army Post Road - SE 5th to SE 14th Street	W,CH,S		4	4	PA	L			265,000	265,000
	CIP	1978	Grass Roots Paving	C,RE					L			17,000	17,000
7	CIP	1978	S. Union-Indianola Rd. to Army Post Rd.	С		2	2	С	L			430,000	430,000
8	TSM	1978		C,M,S				MA	L			12,000	12,000
9	CIP	1978		c		2	2	МА	L			650,000	650,000
10	TSM	1978	3rd Street - Court Avenue to Keosauqua Way	W,RS		4	4	PA	FAUS	200,000		53,000	253,000
	CIP	1978	Curb, Median Island and Pavement Replacement	I,RE,P					L			355,000	355,000
	CIP	1978		P					L			2,275,000	2,275,000
11	RP .	1978	Industrial Highway - Fleur Drive to SE 14th Street	C, ROW, BRP, S			4		L			190,000	190,000
					ALIEN METERS		Aman				i Is in comment on		

PROJECT IDENTIFICATION NUMBER	TYPE OF IMPROVEMENTS SYMBOLS (CONTINUED)	TYPE OF IMPROVEMENTS SYMBOLS (CONTINUED)	FUNDING TYPE SYMBOLS (CONTINUED)
These project numbers correspond with the numbers on the map of improvements showing the project	C - Construction	AS - Resurfacing	FAP - Federal Ald Primary
locations.	CH - Channellzation	S - Signalization	FAUS - Federal Ald Urban System
PROJECT SOURCE DOCUMENT SYMBOLS	G - Grading	SF - Study	FAS - Federal Ald Secondary
R.P Revised 1990 Plan	GR - Gravel	It - Turning Lanes	FIH - Farm-to-market
ISM - Transportation Systems	- Intersection improvements	W - Widening	T 2 - Title II
Hanagement CIP - Local Transportation Short-	IL - Intersection Lighting	SF - Safety NATIONAL FUNCTIONAL CLASSIFICATION	HUD - Housing and Urban Development
Range Capital Improvements Program	IN - Installation	SYMBOLS	SEC 3- UNIA Section 3
STIP - State Transportation I	mprove H - Hedlans	PA - Principle Arterial	SEC 5- WHTA Section 5
ment Program	P - Paving	HA - Hinor Arterial	SEC 10-UNIA Section 10
TYPE OF IMPROVEMENT SYMBOLS	R - Realignment	C - Coffector	16b2 - UMTA Section 16(b)(2)
ARS - Automatic Railroad Signals	RC - Reconstruction	t - tocal	BOR - Bureau of Outdoor Recreation
BC - Bridge Construction	ME - Repair		FAA - Federal Aviation Administration
BRP - Bridge Replacement	ROW - Right-of-way Acquisition	FUNDING TYPE SYMBOLS FAL - Federal Aid Interstate	S - State Dept. of Transportation
			t - Local

5 E 5	t mg		Des Moines	75 E	5±8	LAN	ES	HOLE HOLE	Q	101/	AL PROJECT	COST DISTRIB	UTION
PROJE DENTIFICA NUMB	SOURC	DATE	HIGHWAY & STREET PROJECT LOCATION/ DESCRIPTION	TYPE OF IMPROVEMENT	PROJECT LENGTH (IN MILES	EXISTING	PROPOSED	NATIONA FUNCTION CLASSIFICA	FUNDA	FEDERAL	STATE	LOCAL	TOTAL
	TSM	1978	Pavement Marking Demonstration Project						Т 2	147,000		1,000	148,000
	TSM	1978	Minor Intersection Improvement and Signalization Upgrading Citywide Iraffic Signals, Channelization	RC,S					UStep T 2	176,210	27,470	73,320	277,000
	TSM	1978	& School Crossing Protection Program	C,CH,S				-	T 2	33,645	91,975	194,540	320,160
12	TSM	1978	Dixon AveE. Hull Intersection Realignment	ROW, S				С	L			145,000	145,000
14	TSM	1978	63rd StHickman Rd. Intersection	RC, S				MA	UStep		34,500	34,500	70,000
13	RP	1979	2nd Ave Des Hoines River and Birdland Bridges	RS, RE		4	4	PĄ	L			125,000	125,000
4	CIP	1979	Locust Street Parking Garage	С					L			4,000,000	4,000,000
1	RP	1979	Guthrie Avenue Viaduct	BC			4	PA	FAUS	690,000			690,000
2	RP	79-80	Court Avenue Bridge	RC		4	4	MA	L			1,651.465	1,651,465
	CIP	79-80	Parking Meter Replacement	С					L			111,238	111,238
10	TSM	79-80	3rd Street-Court Avenue to Keosauqua Way	W, RS		4	4	PA	FAUS	360,000		224,000	584,000
15	TSM .	79-80	62rd StUniversity Ave. Intersection	RC,S		-	-	PA	L			224,000	224,000
	CIP	79-82	Citywide Bridges	RC		-	-		L			300,000	300,000
T. 13	CIP	79-82	Reconstruction & Repair-Various Bridges	RC		-	-		L			1,895,000	1,895,000
	CIP	79-82	Curb, Median Island & Pavement Replacement Program	I, RE, P		-			L		14.15	1,580,000	1,580,000
	CIP	79-82	Citywide Paving Program	P					L			6,000,000	6,000,000
	TSM	79-82	Citywide Traffic Signals, Channelization, & School Crossing Protection Program	C,CH,S					Т 2	80,000	80,000	300,000	460,000
16	RP	80-81	Scott Avenue Bridge	RC		2	2	С	FAUS	1,410,000		790,000	2,200,000
	TSM	80-81	Signal System Reconstruction CBD	S		1			FAUS	476,000	- 450	204,000	680,000

PROJECT IDENTIFICATION NUMBER

These project numbers correspond with the numbers on the map of improvements showing the project locations.

PROJECT SOURCE DOCUMENT SYMBOLS

- R.P. Revised 1990 Plan
- ISH Transportation Systems
- CIP Local Transportation Short-Range Capital Improvements Program

STIP- State Transportation Improvement Program

TYPE OF IMPROVEMENT SYMBOLS

- ARS Automatic Railroad Signals
- Bridge Construction
- Bridge Replacement

TYPE OF IMPROVEMENTS SYMBOLS

- C Construction
- CH Channellzation
- Grading
- GR Gravel
- Intersection Improvements
- Intersection Lighting
- Installation
- Hedlans P - Paving
- Reallgoment
- Repair
- ROW Right-of-way Acquisition

- Reconstruction

TYPE OF EMPROVEMENTS SYMBOLS

- RS Resurfacing
- 5 Signalization
- ST Study
- IL furning Lanes
- W Widening
- SF Safety

NATIONAL FUNCTIONAL CLASSIFICATION SYMBOLS

- PA Principle Arterial
- MA Minor Arterial
- C Collector
- t tocal

FUNDING TYPE SYMBOLS

FAI - Federal Ald Interstate

FUNDING TYPE SYMBOLS (CONTINUED)

- FAP Federal Ald Primary
- FAUS Federal Ald Urban System
- FAS Federal Ald Secondary
- FTH Farm-to-market
- 1 2 Title II
- HUD Housing and Urban Development
- SEC 3- UMIA Section 3
- SEC 5- UHTA Section 5
- SEC 10-UMTA Section 10
- 1662 UNTA Section 16(6)(2)
- BOR Bureau of Outdoor Recreation
- FAA Federal Aviation Administration
- 5 State Dept. of Transportation
- L Local

ĕ 8	t w 5		Des Moines		*	5 x m	LAN	ES	136	g	тот	AL PROJECT	COST DISTRIBU	тюн
NUMB	SOURC	DATE	HIGHWAY & S		TYPE OF IMPROVEMENT	PROJECT LENGTH (IN MILES)	EXISTING	номовер	FUNCTION CLASSIFICA	FUNDING	FEDERAL	STATE	LOCAL	TOTAL
17	RP	80-82	15th StWalnut to Woodland		c			4	С	FAUS	700,000		677,000	1,377,000
11	RP	80-82	Industrial Highway-Fleur to SE 14th Street		C,ROW, BRP, S			4		FAUS	2,375,000		2,215,000	4.590.000
	CIP	80-82	Parking Lots - Resurfacing		RS					L			150,000	150,000
									1					
							-							
											1.			
-							-							
							-							
					Walet S							P 9		
					-21 5304		-							
	SAME OF STREET			TYPE OF IMPROVEMENTS SYMBO	13		TYPE O	I IHPRI	OVENENTS :	SYMBOLS	A RESULTABLE	FUNDING TYPE S	YHBOLS	
		with the	nts showing the project	C - Construction CH - Channelization			AS -	Resur	facing			FAP - Federal		

PROJECT SOURCE DOCUMENT SYMBOLS

- R.P. Revised 1990 Plan

- TSH Transportation Systems
 Hanagement
 Local Transportation ShortRange Capital Improvements
 Program

STIP - State Transportation Improvement Program

TYPE OF IMPROVEMENT SYMBOLS

- ARS Automatic Railroad Signals
- BC Bridge Construction
- BRP Bridge Replacement

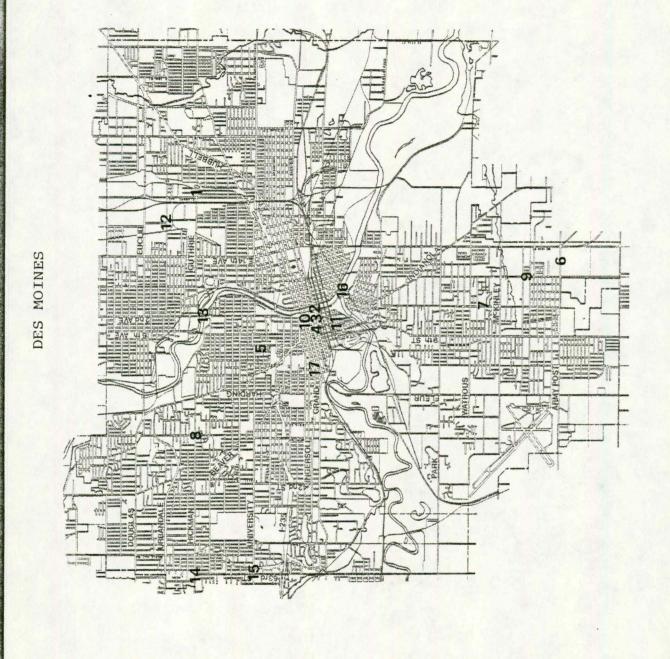
- GR Gravel
- I Intersection improvements
- IL Intersection Lighting
- IN Installation
- H Hedlans
- P Paving
- A Realignment
- AC Reconstruction
- RE Repair
- ROW Right-of-way Acquisition

- TL Turning Lanes
- W Widening SF- Safety

NATIONAL FUNCTIONAL CLASSIFICATION SYMBOLS

- PA Principle Arterial
- HA Hinor Arterial
- C Collector
- t tocal FUNDING TYPE SYMBOLS
- FAL Federal Ald Interstate

- FIH Farm-to-market
- 1 2 Fitle II
- HUD Housing and Urban Development
- SEC 3- UMIA Section 3
- SEC 5- UHTA Section 5
- SEC 10-UNTA Section 10
- 1662 UNTA Section 16(6)(2)
- BOR Bureau of Autdoor Recreation
- FAA Federal Aviation Administration
- S State Dept. of Transportation
- L Local



Ž fi	E W Z		TOM AWOI	OWA DOT	5 + 8	LAN	ES	136	Q	TOTAL PROJECT COST DISTRIBUTION			
NUMBE	SOURCE SOURCE DOCUME	DATE	PROJECT LOCATION/ DESCRIPTION	TYPE OF IMPROVEMENT	PROJECT LENGTH (IN MILES)	EXISTING	PROPOSED	NATIONA FUNCTION CLASSIFICA	FUNDING	FEDERAL	STATE	LOGAL	TOTAL
	STIP	1977	U.S. 6 from Hickman Rd. to Douglas Ave. DSM	RS	1.0		4& 4D	MA	FAP	Ketty	6,425		6,425
	STIP	1977	Ia 163 from Hubbell to ECLB, DM	RS	2.6	48	4D	PA	FAP		85.691		85.691
	TSM	1977	US 65 at Adventure Land Drive	S, I	-	4	4D	MA	FAP		64,071		64,071
	TSM	1978	Ia 5 at SW 9th St., DM	I	-	4	40	PA	FAP		200,000		200,000
	TSM	1978	I-35 from Ia 141 to E Jct I-80 Interchange	SF	11.0	4D	40	PA	FAI	363,600	40,400		404,000
	STIP	1978	I-35 widen Des Moines River Bridges	W, RS	.13	4D	40	PA	FAI	967,500	107,500		1,075,000
	STIP	1978	Supplement railing barrier at Cornell Ave. & CRI & P RR bridge (WBL) on I-35	IN	1	4D	4D	PÀ	FAI	13,500	1,500		15,000
	TSM	1978	US 69 from Park Ave. to King Avenue, DM	I	0.3	4	6	PA	FAP	140,000	60,000		* 200,000
	STIP		US 69 at Euclid, DM	ROW	0.4	4	4D	PA	FAP	140,000	60,000	LATE OF	* 200,000
	TSM	1978	Ia 163 at Ia 46, DM	I	-	4	4D	PA	FAP	560,000	240,000		800,000
	STIP	1978	I-80 Supplemental Railing Barrier at E 29th St. BR (WBL) DM	IN	0.5			PA	FAI	11,700	1,300		13,000
	STIP	1978	I-235 Supplemental railing at EBL 12th St. & WBL Keo Ramp K-1 BRS over Keo & EBL over Keo	DSM IN	τ	8	8	PA	FAI	49,500	5,500		55,000
	STIP	1978	1-235 from 10th to Keo (52 Intakes) Des Moines	RC		8	8	PA	FAI	61,200	6,800		68,000
	STLP	1978	US 69 at RR Bridge N. of Des Moines River	RE	-	4	4	PA	FAP	45,000	5,000	E I I	- 50,000
,	TSM		US 6 at 86th St., Urbandale	s, I		4	4	МА	FAP/ USTEP		37,500	47,500	85,00
	TSM	1978	US 6 at 63rd St., DM	s, I		4	4D	MA	FAP/ HISTEP		34,500	34,500	69,00
	TSM	1978	US 69 at Grandview, DM	s		4	4D	PA	FAP/ USTEP		3,500	3,500	7,00
3	TSM	1978	US 69 at Cleveland, DM	S		4	4D	PA	FAP/ USTEP		4,000	4,000	8,00

These project numbers correspond with the numbers on the map of improvements showing the project locations.

PROJECT SOURCE DOCUMENT SYMBOLS

- R.P. Revised 1990 Plan
- ISH Transportation Systems
- Finangement
 CIP Local Transportation ShortRange Capital Improvements
 Program
 STIP = State Transportation
- Improvement Program

TYPE OF IMPROVEMENT SYMBOLS

- ARS Automatic Railroad Signals
- BC Bridge Construction
- BRP Bridge Replacement

- C Construction
- CH Channellzation
- G Grading
- GR Gravel
- + Intersection Improvements
- IL Intersection Lighting
- IN Installation
- H Hedlans
- P Paving
- A Realignment
- AC Reconstruction
- RE Repair
- ROW Right-of-way Acquisition

- RS Resurfacing
- S Signalization
 - ST Study
 - TL Turning Lanes
 - W Widening
 - SF Safety

NATIONAL FUNCTIONAL CLASSIFICATION SYMBOLS

- PA Principle Arterial
- HA Hinor Arterial
- C Collector
- L Local

FUNDING TYPE SYMBOLS

FAI - Federal Aid Interstate

- FAP federal Ald Primary FAUS - Federal Ald Urban System
- FAS Federal Ald Secondary
- FIR Farm-to-market
- T 2 Title II
- HUD Housing and Urban Development
- SEC 3- UNIA Section 3
- SEC 5- UNTA Section 5
- SEC 10-UNTA Section 10
- 1662 UNTA Section 16(6)(2)
- BOR Bureau of Outdoor Recreation
- FAA Federal Aviation Administration 5 - State Dept. of Transportation

Ž K	5 5 W 5		TOWA DOT	X LINE	5.8	LA	LANES		9	TOTAL PROJECT COST DISTRIBUTION			
DENTIFICA	SOURCE	DATE	PROJECT LOCATION/ DESCRIPTION	TYPE OF MERROVEILE	PROJECT LENGTH (IN MILES)	EXISTING	PROPOSED	NATIONA FUNCTION CLASSIFICA	FUNDA	FEDERAL	STATE	LOCAL	TOTAL
19	TSM	1978	U.S. 69 at Aurora, DM	s		4	4 D	PA	FAP/ USTEP	Y,	11,500	11,500	23,000
20	TSM	1978	Ia. 163 at E. 24th St., DM	S		4	40	PA	FAP/ USTEP		3,000	3,000	6,000
21	TSM	1978	IA. 163 at E. 15th St., DM	S		4,	4 D	PA	FAP/ USTEP		3,000	3,000	6,000
22	TSM	1978	Ia. 401 at Madison, DM	S		4D	4D	MA	FAP/ USTEP		17,500	17,500	35,000
23	TSM	1978	Ia. 401 at NW 62nd & NW 59th St., Johnston	ROW, T		2	40	MA	FAP/ USTEP		37,500	37,500	75,000
24	TSM	1978	Safety Signing Projects at various locations in Des Moines	Signing SF				MA	FAP/ USTEP		9,000	9,000	18,000
			US 6 (Merle Hay) @ Hickman US 6 (Douglas) @ Ia. 401 (Merle Hay)			4	4 4D						
	4-0		US 6 (Euclid) @ Harding Road			4	40						
To A			US 6 (Euclid) @ Oliver Plaza			4	4D						
			US 6 (Euclid) at 6th Ave.			4	4D						- 6
			US 6 (Euclid) at Ia. 415 (2nd Ave.)			4	4D						
			US 6 (Hubbell) & E 29th US 65 US 69 (E 14th St. at Ia. 163 (University)		4	4D 4						
			US 65, US 69 (E. 15th St.) @ Grand			4	4						
			Ia. 163 (Univ.) Q E. 21st St.			4	4						
1			Ia. 163 (Univ.) @ Hubbell			4D	40						
			Ia. 401 (Merle Hay) @ Aurora			4D	4D						
			I-235 @ 42nd St.			4D	40						
			I-235 @ 63rd St.			4D	4D						
25	STIP	1979	I-35 at E I-80 Interchange frm CRI&PRR to CNW Railroad Overpass	G & RS	_	40	40	PA	FAI				500,000

These project numbers correspond with the numbers on the map of improvements showing the project locations. PROJECT SOUNCE DOCUMENT SYMBOLS R.P. - Revised 1990 Plan ISM - Transportation Systems Hanagement CIP - tocal Transportation ShortRange capital improvements Program STTP - State Transportation Improvement Program IYPE OF IMPROVEMENT SYMBOLS ARS - Automatic Railroad Signals BC - Bridge Construction

BRP - Bridge Replacement

	(CONTINUED)	
c	- Construction	
СН	- Channelization	
G	- Grading	
GR	- Gravel	× .
	- Intersection Improvements	
11	- Intersection Lighting	
IH	- Installation	
n	- Medians	
P	- Paving	
R	- Acallyoment	
RC	- Reconstruction	
RE	- Repair	
ROW	- Alght-of-way Acquisition	

TYPE	OF IMPROVEMENTS SYMBOLS (CONTINUED)
AS	- Resurfacing
s	- Signalization
12	- Study
TL	- Turning tanes
se Se	- Videning - Safety
SYM	ONAL FUNCTIONAL CLASSIFICATION
PA	- Principle Arterial
н	- Minor Arterial
C	- Collector
L	- Local
FUN	DING TYPE SYMBOLS
FAI	- Federal Aid Interstate

FUNDING TYPE SYMBOLS

(CONTINUED)

FAP - Federal Ald Primary

FAUS - Federal Ald Urban System

FAS - Federal Ald Secondary

FIN - Farm-to-market

I 2 - Title II

HUD - Housing and Urban Development

SEC 3- UNIA Section 3

SEC 5- UNIA Section 5

SEC 10-UNIA Section 10

16b2 - UNIA Section 16(b)(2)

BOR - Bureau of Outdoor Recreation

FAA - Federal Aviation Administration

S - State Dept. of Transportation

L - Local

E SE	다였		TOMA DOT	OTDEET	N. S.	D = 8	LA	NES	NAL CATION	9	тот	AL PROJECT	COST DISTRI	BUTION
DENTIFICA	PROJE SOURC DOCUM	DATE	HIGHWAY &		TYPE OF MPROVEMENT	PROJECT LENGTH (IN MILES)	EXISTING	PROPOSED	NATION FUNCTIO CLASSIFIC	FUNDING	FEDERAL	STATE	LOCAL	TOTAL
26	RP	1980	US 6 frm .1 mile East of 1st Avenue, Altoona	US 65 to	ROW	2.2	2	4D	AM	FAP	1500			* 125,000
	RP	1981	OS 6 frm .1 mile East of	US 65 to	DOLL	2.2	2	140		FINE			<u> </u>	
26	Id	1901	lst Avenue, Altoona US 6 frm Merle Hay at Do	ouglas to	ROW	2.2	1	40	MA	FAP		l	<u> </u>	i* 125,000
27	TSM	1981	Harding Road, DM		I		4	4D	MA	FAP			1	750,000
26	RP	1982	US 6 frm .1 mile East of 1st Ave., Altoona		W	2.2	2	1 14D	MA	FAP			1	2,471,000
29	RP	1982	Ta. 28 frm Warren County to Ia. 5		ROW	1.0	2	4	MA	FAP				114,000
30	RP	1982	US 69 frm 44 ft. section BN Railroad, DM	i to	ROW	3.8	4	60	PA	FAP				* 500,000
31	RP	1982	US 69 frm US 6 to I-80		ROW	1.5	4	40	PA	FAP				800,000
32	RP	1982	Ta. 163 frm Delaware to ECL, DM		ROW	2,7	4	140	PA	FAP				* 500,000
	V						-	-		-			-	
-						+-	-	-						
		-					+	+						1
							1	+						1
		1				1	1	+						
								1			EN THE			
							1	1						1
							T	1					İ	
		PROJECT I	DENTIFICATION NUMBER	TYPE OF IMPROVEMENTS SYM	3012		TYPE	OF IHP	ROVEMENTS NTINUED)	SYMBOLS		FUNDING TYPE S	унвог 2	
		These pro	oject numbers correspond numbers on the map of	C - Construction					rfacing		1	FAP - federal		
		improveme locations	ents showing the project	CH - Channelization					allzation				Ald Orban System	
		PROJECT S	OURCE DOCUMENT SYMBOLS	G - Grading				- Stud				FAS - Federal		
			evised 1990 Plan	GR - Gravel					Ing Lanes			file - farm-to		
			ransportation Systems	· I - Intersection Impro				- Wide				1 2 - Title i		
		EIP - Le	Management ocal Transportation Short- ange Capital Improvements	It - Intersection Light IN - Installation	ting		SF -	HAL FU	HCT TUHAL C	LASSIFICATION	ON	SEC 3- UNTA Se	and Urban Develop	ment .
			- State Transportation	M - Hedlans			PA	- Prin	ciple Arte	clat		SEC 5- UNTA Se		
			Improvement Program	P - Paving			на	- Hina	r Arterial			SEC 10-UNTA Se	ction 10	
		TYPE OF	IMPROVEMENT SYMBOLS	R - Realignment			c	- Coll	ector			1662 - UNTA Se	ction 16(b)(2)	

TYPE OF IMPROVEMENT SYMBOLS

- ARS Automatic Railroad Signats
- BC Bridge Construction
- BRP Bridge Replacement

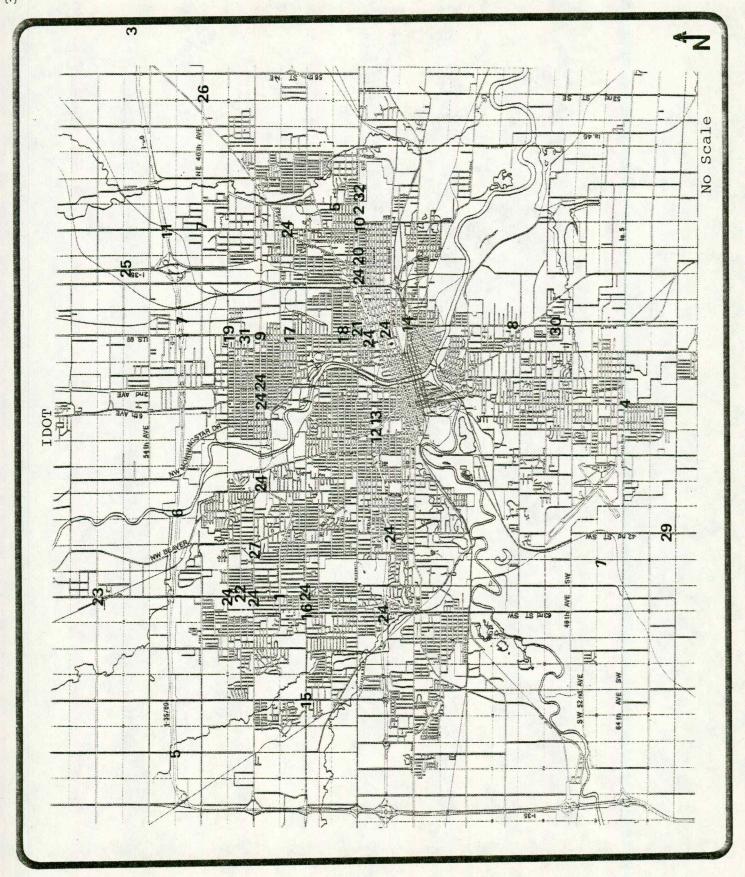
- A Realignment
- AC Reconstruction
- RE Repair

 ROW Right-of-way Acquisition
- C Collector
- L Local

FUNDING TYPE SYMBOLS

FAI - Federal Ald Interstate

- 1662 UNTA Section 16(6)(2)
- BOR Bureau of Outdoor Recreation
- FAA Federal Aviation Administration
- 5 State Dept. of Transportation
- t tocat



FAA - Federal Aviation Administration

S - State Dept. of Transportation

L - Local

No.	THE T		иотеинос		N. C.	b = 8	LAI	NES	TAC	9	тот	AL PROJECT	COST DISTRIB	итюн
DENTIFICA	SOURC	DATE	PROJECT LOCATION/ DES		TYPE OF IMPROVEMENT	PROJECT LENGTH (IN MLES)	EXISTING	PROPOSED	NATIONU FUNCTIO CLASSIFIC	FUNDIN	FEDERAL	STATE	LOCAL	TOTAL
Paceties.			Intersection Rebuilding-NW	2nd Ave/NW 59th			Jan State of							
1	TSM	1978	Ct. at Ia.401 (Merle Hay Rd Citywide Paving Program-Phas	(Incl. Signals) se I (Incl. NW	I/S	.2	2	4	C/A	U-Step		37,500	139,630	177,130
	CIP	1979	62nd Ave. within Urban Area		RS	2.0	2	2	yarie	U-Step	12,500		62,750	75,250
	CIP	1980	Citywide Paving Program-Phas NW Beaver Drive)		RS	2.0	2	1 2	varie	**L & FAUS	31,850		59,150	91,000
2	TSM	1981	Traffic Signals - at Pionee	r Parkway	s	N/A	N/	Į,	A	L	N/A	N/A	70,000	70,000
			Bridge Replacement - NW 62nd	d Ave. bridge				1					1	1
3	RP	1982	over Beaver Creek		BRP	.05	2	14	L	L	N/A	N/A	325,000	325,000
		Ser.	* - (.5 mile) ** - (1 mile)			1 325								1
								-					1	
							-	1-	-					
								1				1		
								1				1		
								-					1	
						-	-	-	-				 	
										-		i		
						Total Control			11/2			ECH LIES	20 mm 100	
		-				-	+	-	-	-			<u> </u>	
								1						
						16	-							
-								1						
		-				-	-	-	-	-				
								1	1_			i		
								1			100	466		
	No. of Concession,	A STATE OF THE PARTY OF THE PAR			yet-weekling at	The second	A STATE	Marie Control	A WALLEY	MISSELFE MISS			Name of the Park	Marie Marie Marie Company
		5-1-2	IDENTIFICATION NUMBER	(CONTINUED)	OLS		TYPE C	(CO	HOVEHENTS NTINUED)	SYMBOLS		CONTINU	D)	
		with the	numbers correspond numbers on the map of ents showing the project	C - Construction			AS -	Resu	rfacing			FAP - Federa	Ald Primary	
		locat lon	s.	CH - Channelization					allzation				Ald Urban System	
		PROJECT :	SOURCE DOCUMENT SYMBOLS	G - Grading			\$1						Ald Secondary	
		R.P R.	evised 1990 Plan	GR - Gravet					Ing Lanes			FIN - Farm-to		
		ISH - T	ransportation Systems Nanagement	I - Intersection Impro				Sai	ety			1 2 - Title	and Urban Developm	wat
		R.	ocal Transportation Short- ange Capital Improvements	IN - Installation			NAT 101	NAL FU	HCTIONAL (LASSIFICATI	DH	SEC 3- UNIA S		
		P	rogram State Transportation Improve-	H - Hedlans					ciple Arte	rial		SEC 5- UNTA S		
			nent Program	P - Paving			HA	- Mino	r Arterla			SEC 10-UNTA S	ection 10	
		TYPE OF	IMPROVEMENT SYMBOLS	R - Reallynment			c	- Call	ector			1662 - UNTA S	ection 16(b)(2)	
		ARS - A	utomatic Railroad Signals	AC - Reconstruction			L	- Loca	1			BOR - Bureau	of Gutdoor Recreati	on

FUNDING TYPE SYMBOLS

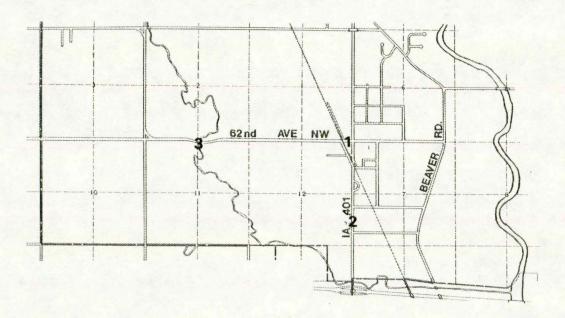
fAl - Federal Ald Interstate

NE - Repair .

ROW - Right-of-way Acquisition

BC - Bridge Construction

BRP - Bridge Replacement



N

^{*} Map shows only the part of Johnston that lies within the transportation study area boundary.

S - State Dept. of Transportation

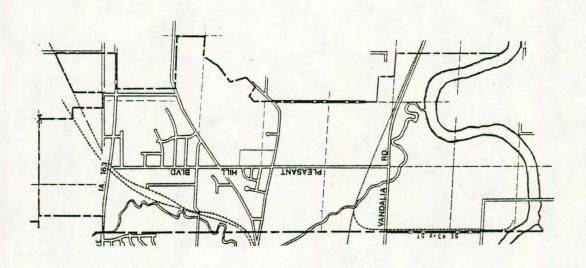
t - tocal

1 E	5 4 5		PLEASANT HI		New Trees	ษะติ	LAN	ES	1 NOT	9	тот	AL PROJECT	COST DISTRIBU	ITION
DENTIFICA	SOURCE	DATE	HIGHWAY &		TYPE OF MAPPROVEMENT	PROJECT LENGTH (IN MILES)	EXISTING	PROPOSED	NATIONA FUNCTION CLASSIFICA	FUNDING	FEDERAL	STATE	LOCAL	TOTAL
	CIP	1978 1981	Citywide Resurfacing	g Project	RS	12	-	-		L	A CONTRACTOR OF THE CONTRACTOR		25,000/yr.	100,000
		THE												
						1								
_						-	-	_					!	
						0.00	1						!	
						-								
													1	
						1							The second	
						-	-	-					-	
												1	1	
-						1-	+				-		1	
						1	1	_					1	
		-				1	1	-		-		<u> </u>	1	
							-	-					i	
								-						
													1	
-	-	-				-	+	-	-	-		-		
							-	-					-	
								1						
		Assessed			Control of the second			Arme		A STATE OF THE STA				
			DENTIFICATION NUMBER	(CONTINUED)	orz		TYPE OF	(CON	OVEHENTS	SAMBOL S	,	CONTINUE	EO) .	
		with the	numbers on the map of ents showing the project	C - Construction			AS -	Resur	facing			FAP - federal	Ald Primary	
		locat lone		CH - Channellzation					Hization				Ald Urban System	
		PROJECT :	OUNCE DOCUMENT SYMBOLS	G - Grading			SI -						I Ald Secondary	
		R.P R	evised 1990 Plan	GR - Gravel	venents		N -		ing Lanes			FIN - farm-to		
			ansportation Systems Management	IL - Intersection Light			SF -	Sai	fety				g and Urban Developme	ent
		R.	ocal Transportation Short- inge Capital Improvements	IN - Installation			SYMBOL	AL FUI	ICTIONAL C	LASSIFICATI	<u>on</u>	SEC 3- UNIA Se		
			State Transportation	H - Hedlans			PA -	Princ	iple Arte	rial		SEC 5- UNTA Se	ection 5	
			Improvement Program	P - Paving			HA -	Hinor	Arterial			SEC 10-UNIA Se	ection 10	
		IVPE OF	IMPROVEMENT SYMBOLS	A - Realignment			c -						ection 16(b)(2)	
			utomatic Mailroad Signals	RC - Reconstruction			١ -	Local					of Outdoor Recreation	
			ridge Construction	NE - Repair			FUNDIN	G TYP	SYMBOLS				Aviation Administra	
		BRP - B	ridge Replacement	ROW - Right-of-way Acqu	Istrian							5 - State (Dept. of Transportati	lon

fAl - Federal Ald Interstate

ROW - Right-of-way Acquisition

BRP - Bridge Replacement



PLEASANT HILL

O K	1. mg		POLK COUNTY	N. S.	บะชิ	LA	ES	IL KAL	9	тотл	AL PROJECT	COST DISTRIB	UTION
DENTIFICA	SOURC	DATE	PROJECT LOCATION/ DESCRIPTION	TYPE OF IMPROVEMENT	PROJECT LENGTH (IN MLES)	EXISTING	PROPOSED	NATIONAL FUNCTIONAL CLASSIFICATION	FUNDING	FEDERAL	STATE	LOCAL	TOTAL
1	CIP	1978	Hwy 69 & NE 52nd Ave.	IL		-	-	-1	S&L		3,200	4,800	8,000
2	CIP	1978	Hwy 5 & SE 72nd Ave.	IL.		-	-	-	S&L	-	2,000	3,000	5,000
3	CIP	1978	Hwy 65 & NE 46th Ave.	IL			-	•	SEL	-	4,000	6,000	10,000
4	TSM	1978	McKinley Ave. from Walnut Woods to SW 63rd & SW 73rd frm Ia. 5 to SW 52nd Ave.	W	1.0	2	2	МА	FAUS	66,500		28,500	95,000
5	TSM	1978	Railroad Crossing on SE 44th Ave.	ARS		2,	2	MA	т2	22,950	- 2	2,550	25,500
6	RP	1978	NE 46th Ave. frm Hwy. 415 to NE 22nd St.	RS, RC	2.0	2	2	MA	FAUS	143,500		61,500	205,000
7	RP	1978	NE 46th Ave. frm NE 22nd St. to Hwy. 65	RS	3.3	2	2	MA	FAUS	175,000		75,000	250,000
8	RP	1978	NE 46th Ave. frm Bridge over Four Mile Creek Br #6048	BRP		2	2	ма	FAUS	210,000		90,000	300,000
9	CIP	1978	NE 47th Place Bridge #5465	BRP		2	2	I.	ĭ.			35,000	35,000
10	TSM	1978	Intersection of SW 63rd St. & Park Ave.	СН		-	-	МА	FAUS	52,500		22,500	75,000
11	TSM	1978	Railroad Crossing on NE 66th Avenue	ARS		-	-	С	т2	22,950		2,550	25,500
12	TSM	1978	Railroad Crossing on NE 51st Avenue	ARS		-	_	С	т2	22,950		2,550	25,500
13	TSM	1978	Railroad Crossing on NW 58th Avenue	ARS		-	-	c	т2	22,950		2,550	25,500
14	TSM	1979	Railroad Crossing on SE 52nd Street	ARS		-	-	MA	т2	22,950	90	2,550	25,500
15	CIP	1979	SE 80th Avenue E of SE 14th Street	BRP		2	2	АМ	L			50,000	50,000
16	CIP	1979	SE 80th Avenue just E. of SE 14th Street	BRP		2	2	ма	L			80,000	80,000
17	RP	1979	NW 54th Ave. from NW 26th St. to just E. of NW 6th Drive	ROW	1.7	2	2	MA	FAUS	50,050		21.450	71.500
18	RP	1979	NW 54th Ave. just West of NW 6th Drive	BRP		-	-	AM	FAUS	38,500		16,500	55,000
19	RP	1979	NW 54th Ave3 miles West of NW 6th Drive	BRP		-	-	MA	FAUS	23,800		10,200	34,000

Year and a second second	(CONTINUED)	(continues)	(COMITACE)
These project numbers correspond with the numbers on the map of improvements showing the project	C - Construction	RS - Resurfacing	FAP - Federal Ald Primary
locations.	CH - Channellzation	S - Signalization	FAUS - Federal Aid Urban System
PROJECT SOURCE DOCUMENT SYMBOLS	G - Grading	ST - Study	FAS - Federal Aid Secondary
N.P Revised 1990 Plan	GR - Gravel	It - Turning Lanes	FIH - farm-to-market
	1 - Intersection Improvements	W - Widening	T 2 - Title II
ISM - Transportation Systems Hanagement	IL - Intersection Lighting	SF - Safety	HUD - Housing and Urban Development
CIP - Local Transportation Short- Range Capital Improvements Program	IN -, Installation	NATIONAL FUNCTIONAL CLASSIFICATION	SEC 3- UHIA Section 3
STIP - State Transportation	M - Medians	PA - Principle Arterial	SEC 5- UNIA Section 5
Improvement Program	P - Paying	MA - Minor Arterial	SEC 10-UNIA Section 10
TYPE OF IMPROVEMENT SYMBOLS	R - Realignment	C - Collector	16b2 - UNTA Section 16(b)(2)
ARS - Automatic Railroad Signals	RC - Reconstruction	L - Local	BOR - Bureau of Outdoor Recreation
BC - Bridge Construction	RE - Repair	FUNDING TYPE SYMBOLS	FAA - federal Aviation Administration
BRP - Bridge Replacement	ROW - Alght-of-way Acquisition		S - State Dept. of Transportation
*-Joint Project with Des Moines. 1	Negotiations to be made at a la	ter date.	1 - Local

NO.	F		POLK COUNTY	OF BAENT	p i g	LAI	VES	THOU THOU	a	тотл	AL PROJECT	COST DISTRIBL	ITION
DENTIFICA	SOURCE	DATE	HIGHWAY & STREET PROJECT LOCATION/ DESCRIPTION	TYPE OF	PROJECT LENGTH (IN MILES)	EXISTING	PROPOSED	NATIONA FUNCTION CLASSIFICA	FUNDING	FEDERAL	STATE	LOCAL	TOTAL
20	RP	1979	SE 57th Ave. from SE 36th Street East to Iowa #46	ROW	1.0	-	_	С	FAUS	24,500		10,500	35,000
21	RP	1979	SE 36th Street from Iowa #5 to SE 52nd Ave.	ROW	.75	-	_	c	FAUS	24,500		10,500	35,000
22	RP	1979	SE 44th Ave. Iowa #46 to SE 34th Street	RC, ROW	1.5	2	2	C	FAUS	178,500		76,500	255,000
23	RP	1980	NW 66th Ave. approx. 2.0 miles frm Fisher Bridge E. to NW 6th Drive	RS			-	С	FAS	84,000		36,000	120,000
24	RP	1980	NW 54th frm NW 6th Street to US 69	RC	1.4	2	2	АМ	FAUS	57,400		24,600	82,000
25,	TSM	1980	Railroad Crossing on NE 3rd Street	ARS		-	-	L	т2	22,950		2,550	25,500
26	RP	1980	NE 46th Street bet. Douglas Ave. and Broadway	RC '	1.0	2	2	AM	FAUS	35,000		15,000	50,000
27	RP	1980	NW 54th Ave. frm NW 26th Street to just East of NW 6th Drive	G	1.7	2	2	MA	FAUS	177,870		76,230	254,100
28	RP	1980	NW 6th Drive frm City Limits of Des Moines to NW 66th Ave.	G	3.0		_	L	FAUS	79,100		33,900	113,000
29	TSM	1981	Railroad Crossing at SW 42nd Street	ARS		-	-	PA	r2	22,950	_	2,550	25,500
30	TSM	1981	Railroad Crossing at SW 42nd Street	ARS		-	-	PA	г2	22,950		2,550	25,500
31	TSM	1982	Railroad Crossing at Morningstar Drive	ARS		-	-	С	т2	22,950		2,550	25,500
32	RP	1982	NE 56th Street frm Old Highway 163 to Highway 65	RS	3.5	-	-	MA	FAUS	95,550		40,950	136,500
33	TSM	1982	SW 48TH Ave. & SW 63rd St. Intersection	s		2	2	ма	FAUS	3,500		1,500	5,000
34	RP	1982	NW Meredith Drive Bridge #4880	BRP		2	2	MA	FAUS	63,000	-	27,000	90,000

PROJECT IDENTIFICATION NUMBER

These project numbers correspond with the numbers on the map of improvements showing the project locations.

PROJECT SOURCE DOCUMENT SYMBOLS

R.P. - Revised 1990 Plan

ISH - Transportation Systems Hanagement CIP - Local Transportation Short-Range Capital Improvements Program

STIP - State Transportation Improvement Program

TYPE OF IMPROVEMENT SYMBOLS

ARS - Automatic Railroad Signals

BC - Bridge Construction

BRP - Bridge Replacement

(CONTINUED)

C - Construction

CH - Channelization

- Grading

GR - Gravel

1 - Intersection Improvements

IL - Intersection Lighting

- Installation

- Hedlans

P - Paving

A - Realignment

RC - Reconstruction

RE - Repair

ROW - Right-of-way Acquisition

TYPE OF IMPROVEMENTS SYMBOLS

AS - Resurfacing

S - Signalization

ST - Study

IL - Turning tanes

W - Widening

SF- Safety

NATIONAL FUNCTIONAL CLASSIFICATION SYMBOLS

PA - Principle Arterial

HA - Hinor Acterial

C - Collector

L - Local

FUNDING TYPE SYMBOLS

FAI - Federal Ald Interstate

(CONTINUED)

FAP - Federal Ald Primary

FAUS - Federal Ald Urban System

FAS - federal Ald Secondary

FIN - Farm-to-market

T 2 - Title II

HUD - Housing and Urban Development

SEC 3- UNIA Section 3

SEC 5- UNIA Section 5

SEC 10-UNIA Section 10

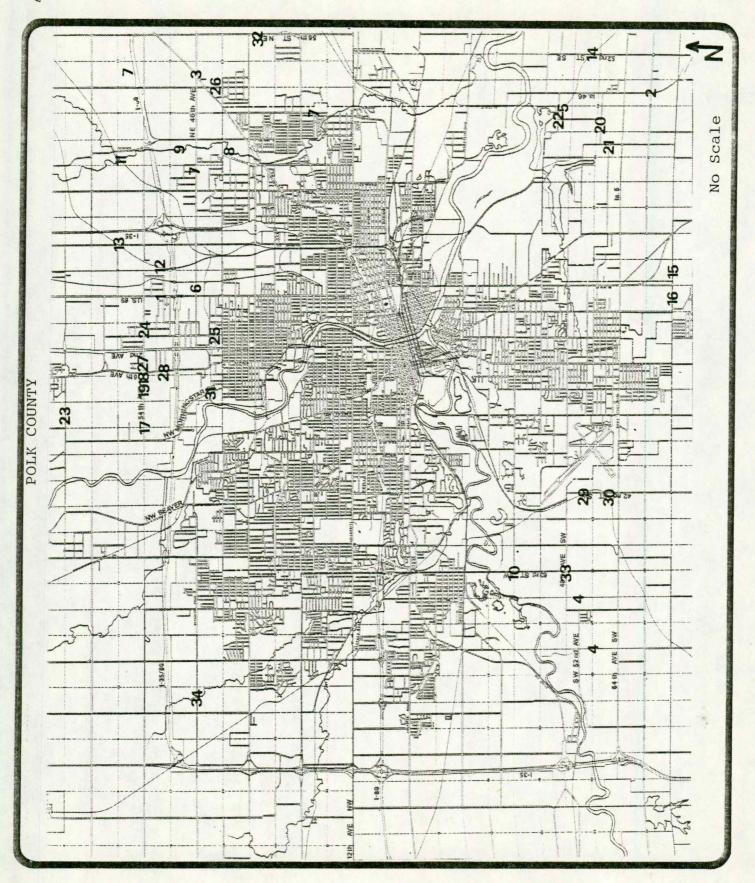
1662 - UNIA Section 16(L)(2)

BOR - Bureau of Outdoor Recreation

FAA - Federal Aviation Administration

5 - State Dept. of Transportation

L - Local



No.	F 7		Urbandale	A LEGAL	5 - 8	LA	NES	TON	g	тот	AL PROJECT (COST DISTRIB	UTION
DENTIFICA	SOURCE SOURCE DOCUME	DATE	PROJECT LOCATION/ DESCRIPTION	TYPE OF IMPROVEMENT	PROJECT LENGTH (IN MLES)	EXISTING	PROPOSED	NATIONA FUNCTION CLASSIFICA	FUNDING	FEDERAL	STATE	LOCAL	TOTAL
1	RP	1978	100th Street from Dennis to Douglas	ROW	.15	0	4	PA	L			125,000	125,000
2	CIP	1978	Meredith Drive frm 78th to 86th St.	G,P	.60	2	2	PA	FAUS			285,000	285,000
3	RP	1978	Meredith Drive from 67th St. to 72nd St.	W,P	.45	2	4	PA	FAUS	90,000	-	40,000	130,000
4	TSM	1978	86th St. & Hickman Ave. Int.	CH,S		4	4D	PA	u-Step		37,500 Cli	re-23,750 n-23,750	85,000
5	RP	1979	72nd St. & Douglas Intersection	CH,S		-	-	PA	L			175,000	175,000
1	RP	1979	100th Street from Dennis to Douglas	G,P	.15	o	4	PA	T2 or FAUS	20,000		115,000	135,000
6	TSM	1979	104th St. frm Douglas to 1000' South	W,P	. 20	2	4	.L	L.			65,000	65,000
7	RP	1979	Douglas Ave. frm 78th St. to 86th St.	W,P	.55	2	4	PA	T2 or FAUS	75,000		35,000	110,000
8	RP	1980	86th St. frm Douglas to Hickman Ave.	W,P	1.0	2	4	PA	FAUS	610,000		265,000	875,000
9	TSM	1980	70th St. & Aurora	s		4	4	MA	FAUS	30,000		20,000	50,000
0	TSM	1980	72nd St. & Aurora	s		4	4	MA	FAUS	30,000		20,000	50,000
1	RP	81/82	100th St. frm Dennis to Hickman	G,P	0.85		4	PA	L			595,000	595,000
2	RP	81/82	100th St. frm Meredith to 4000' South	G,P	0.25	GR	2	ма	L			260,000	260,000
3	TSM	81/82	Rocklyn & Hickman	s		4	4	PA	U-Step		30,000	40,000	70,000
4	TSM	81/82	78th & Hickman	s	75 32	4	4	PA	U-Step		30,000	40,000	70,000
5	RP	81/82	Meredith Drive frm 86th to 100th	G,P	1.0	GR	2	PA	L			360,000	360,000
							1						

PROJECT IDENTIFICATION NUMBER

These project numbers correspond with the numbers on the map of improvements showing the project locations.

PROJECT SOURCE DOCUMENT SYMBOLS

- R.P. Revised 1990 Plan
- ISM Transportation Systems
- Hanagement

 CIP Local Transportation ShortRange Capital Improvements
 Program
- STIP State Transportation Improvement Program

TYPE OF IMPROVEMENT SYMBOLS

- ARS Automatic Railroad Signals
- BC Bridge Construction
- BRP Bridge Replacement

TYPE OF IMPROVEMENTS SYMBOLS (CONTINUED)

- C Construction
- CH Channell cat lon
- G Grading
- GR Gravel
- 1 Intersection Improvements
- IL Intersection Lighting
- IN Installation
- H Hedlans
- P Paving
- A Realignment
- RC Reconstruction
- RE Repair
- ROW Right-of-way Acquisition

TYPE OF IMPROVEMENTS SYMBOLS (CONTINUED)

- AS Resurfacing
- S Signalization
- SF Study
- TL Yurning Lanes
- W Widening
- SF Safety

NATIONAL FUNCTIONAL CLASSIFICATION SYMBOLS

- PA Principle Arterial
- MA Minor Arterial
- C Collector
- L Local

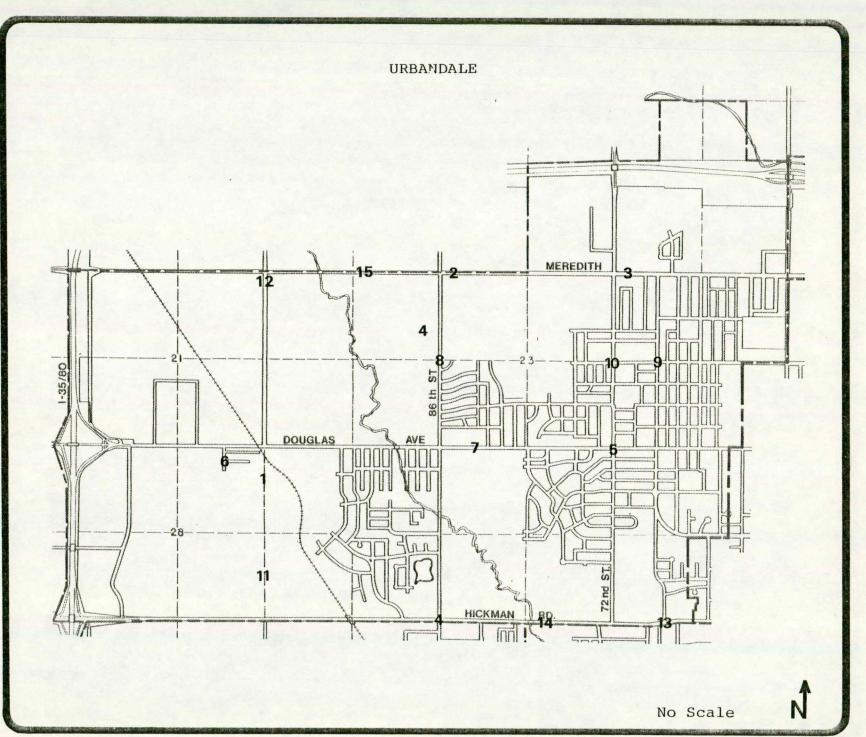
FUNDING TYPE SYMBOLS

FAI - Federal Aid Interstate

(CONTINUED)

- · FAP Federal Ald Primary
- FAUS Federal Ald Urban System
- FAS Federal Ald Secondary
- FIH Farm-to-market
- T 2 Title II
- HUO Housing and Urban Development
- SEC 3- UNIA Section 3
- SEC 5- UNIA Section 5
- SEC 10-UNTA Section 10
- 1662 UMTA Section 16(6)(2)
- BOR Bureau of Outdoor Recreation
- FAA Federal Aviation Administration

 S State Dept. of Transportation
- L Local



100	5 2 5		West Des Moines	OF PAGENT	b × â	LAN	ES	TON	g	TOTAL	PROJECT (OST DISTRIBUT	ЮН
DENTIFICA	SOUNG SOUNG DOCUM	PATE	PROJECT LOCATION/ DESCRIPTION	TYPE	PROJECT LENGTH (N MKLES)	EXISTING	PROPOSED	NATIONA FUNCTION	FLINDBNG	FEDERAL	STATE	LOCAL	TOTAL
1	RP	1978	35th Street Extension-Ashworth Road to Brookview	P	.09	0	4	PA	L			41,000	41,000
2	RP	1978	50th Street-Ashworth Road to 5 mile South	P	.45	2	2	MA	L			180,000	180,000
3	TSM	1978	8th Street at Office Park Road	s		4	4	PA	FAUS	24,500		10,500	35,000
4	TSM	1978	35th Street at University	s	-	-	-	PA	FAUS	21,600	WOI	- 4,500 - 4,500	30,000
5	TSM	1978	35th Street at Woodland Sidewalk Program - 22nd Street	S	-	-		PA	FAUS	24,500		10,500	35,000
6	TSM	1978	and Miscellaneous Locations 35th Street - Brookviey to	c		-	-	PA	L			35,000	35,000
7	RP	1979	Giles University Avenue - 22nd Street	ROW, P, G	.41	0	4	PA	I.			210,000 e 67,500	210,000
8	RP	1979	to 35th Street 42nd Street - Westown to	W	.75	2	4	PA	FAUS	315,000	WDM	67.500	450,000
9	RP	1979	University Woodland Avenue - 46th Street to	ROW, P, G	.32	0	2	L	L			152,000	152,000
10	CIP	1979	South 11th Street - Rallroad Avenue	ROW, P, G	. 25	0	2	L.	L			115,000	115,000
	CIP	1980	to Lincoln Avenue Ashworth Road - I-35 to 60th	G,P	.70	2	2	L.	L			121,000	121,000
2	RP	1980	Street 19th Street - Western Hills School	W,RS	.40	2	2	AM	L			143,000	143,000
3	RP RP	1980	to Delavan Drive 39th Street - Delavan Drive to	G,P	.19	2	2	L	L			220,000	220,000
4		1981	1000' south sub total 35th Street - Maple to Delavan Drive	G,P	.15	2	2	L	L			209,600	209,600
5	RP .	1982	including bridge 50th Street - 4 mile south of	ROW, G, P	.25	0	0	PA	FAUS	100,000		218,000	318,000
6	RP	1982	Ashworth Road to Railroad Tracks	G,P		2	2	AM	L			110,000	110,000
tan dinar						- mean	Page 1				AND SECURITION OF SECURITION O	Challenge and a March and Challenge	

These project numbers correspond with the numbers on the map of improvements showing the project locations.

PROJECT SOURCE DOCUMENT SYMBOLS

- M.F. Revised 1990 Plan

- ISH transportation Systems
 Honagement
 CIP tocal Transportation ShortRange Capital Improvements
 Frogram
- STIP State Transportation Improvement Program

TIPE OF IMPROVEMENT SYMBOLS

- ARS Automatic Ratiruad Signata
- BC Bridge Construction
- BRP Bridge Replacement

(CONTINUED)

- Construction
- Channellization
- Grading
- Gravel
- Intersection Improvements
- IL Intersection Lighting
- IN Installation
- Hedlans
- P Paving
- A Acallyiment
- AC Reconstruction
- RE Repair
- ROW Right-of-way Acquisition

(CONTINUED)

- AS Resurfacing
- S Signalization
- SI Study
- IL Turning Lanes
- Widening
- SF Safety

HATTOHAL FUNCTIONAL CLASSIFICATION SYMBOLS

- PA Principle Arterial
- Minor Arterial
- C Collector
- L Local

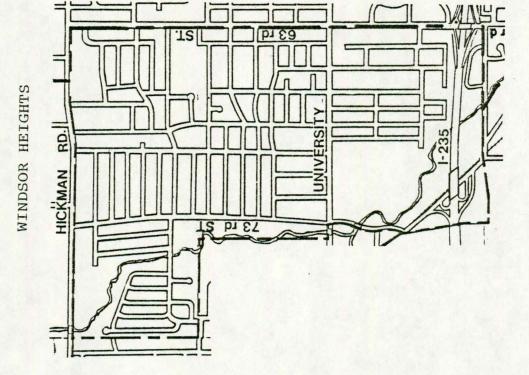
FUNDING TYPE SYNDOLS

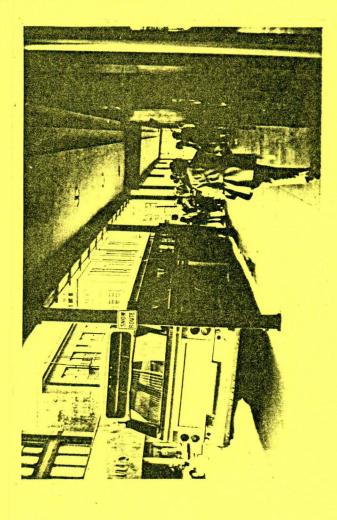
fAt - federal Ald Interstate

(CONTINUED)

- FAP Federal Ald Primary
- FAUS Federal Ald Urban System
- FAS federal Ald Secondary
- file . ferm to market
- 1 2 11tle 11
- 1100 Housing and Urban Development
- SEE J- UNIA Section)
- SEC 5- UNIA Section 5
- SEC 10-WIFA Section 10
- 1662 UniA Section 16(6)(2)
- BOR Bureau of Outdoor Recreation
- FAA Federal Aviation Administration
- 5 State Dept. of Transportation
- 1 Local

8 m	F F		WINDSOR HEIG		MENT N	5 + 8	LAN		TAL	9	тот	AL PROJECT	COST DISTRIBUT	TION
DENTIFICA	SOURCE	DATE	HIGHWAY &	DESCRIPTION	TYPE OF IMPROVEMENT	PROJECT LENGTH (IN MILES)	EXISTING	PROPOSED	NATIONAL FUNCTIONAL ICLASSIFICATION	FUNDING	FEDERAL	STATE	LOCAL	TOTAL
	CIP	1978 1981	Resurfacing Various	Streets in City	RS		-	-	L	L		CARLO CHANCE STREET	25,000/yr.	100,000
							;							
		174											1	
	183	-											1 1	
									-					
							1						1	
						-	-					1		
						-	-	-	-			1	1	
_								-						
				·····		-	-	-				1	+	
								Access	200000000000000000000000000000000000000	are the second				
		-	DENTIFICATION NUMBER	TYPE OF IMPROVEMENTS SYMB	04.5		TYPE OF	(CON	OVEHENTS :	SYMBOLS		FUNDING TYPE (CONTINU	SYMBOLS	
		with the	ject numbers correspond numbers on the map of nts showing the project	C - Construction			AS -	Resur	facing			FAP - Federa	I Ald Primary	
		locat lons		CH - Channelization			s -	Signa	lization				Aid Urban System	
		PROJECT S	OURCE DOCUMENT SYMBOLS	G - Grading			sr -						I Ald Secondary	
		R.P Re	rvised 1990 Plan	GR - Gravel I - Intersection Impre	werent s		W -		ing Lanes			FIM - Farm-to		
		ISM - Tr	ansportation Systems Nanagement	the - Intersection Light			SF -						g and Orban Development	1984
		CIP - Lo	ogram	IN - Installation			NATION	AL FUI	ICTIONAL C	LASSIFICATI	<u>DH</u>	SEC 3- UNIA S		
			State Transportation	M - Medians			PA -	Princ	iple Arte	clal		SEC 5- UNIA S	ection 5	
			Improvement Program	P - Paving			HA -	Hinor	Arterial			SEC 10-UNTA S	ection 10	
		TYPE OF I	HPROVEMENT SYMBOLS	R - Realignment				Colle	ector			1662 - UNTA S	ection 16(b)(2)	
		ARS - Au	stomatic Railroad Signals	RC - Reconstruction			t -	Local					of Outdoor Recreation	
			Idge Construction	RE - Repair			FUNDIN	G TYPE	SYMBOLS				Aviation Administrat	
		BRP - Br	Idge Replacement	ROW - Right-of-way Acqu	Isttion		-		ral Ald In			5 - State	Dept. of Transportation	1





TRANSIT PROJECTS

FUNDING AVAILABLE FOR TRANSIT

I. URBAN MASS TRANSPORTATION ACT OF 1964, AS AMENDED, URBAN MASS TRANSPORTATION ADMINISTRATION (UMTA)

Section 5 funding under the Urban Mass Transportation Act of 1964, as amended, is apportioned to urbanized areas according to a formula under which 1/2 is proportional to urbanized area population and 1/2 is proportional to population weighted by a factor of density. Funds for urbanized areas of 200,000 + population are apportioned directly to the urbanized areas for use by recipients designated by the Governor, responsible local officials and public transit operators in accordance with a single program of projects for the urbanized area. Funds apportioned in each year of the program are available for project approval through the end of the second fiscal year following the fiscal year in which they are apportioned. The development of projects in urbanized areas utilizing UMTA funds must be based upon a continuing, cooperative, and comprehenisve urban transportation planning process.

A. UMTA Section 3 Funds for Transit Capital Assistance Projects

Section 3 funding can only be utilized after all Section 5 funds allocated to the urbanized area have been expended. UMTA Section 3 funds are eligible for 80% participation for capital assistance projects.

B. UMTA Section 5 Funds for Transit Capital and Operating Assistance Projects

Section 5 funds utilized for capital assistance projects are eligible for 80% participation, while operational assistance projects participation shall not exceed 50% of the operating expense. The amount of Federal assistance requested under Section 5 cannot exceed the apportioned funds available to the urbanized area.

The Metropolitan Transit Authority has been designated by the Governor of the State of Iowa and by the responsible local officials as the recipient of UMTA Section 5 funds for the Des Moines Urbanized Area. The following chart shows the UMTA Section 5 funding allocation for the Des Moines Urbanized Area for FY 1978 through 1982. At this time no allocation has been made for FY 1981 and 1982 UMTA funds.

<u>FY 1978</u> <u>FY 1979</u> <u>FY 1980</u> <u>FY 1981</u> <u>FY 1982</u> <u>TOTAL</u>

1,291,953 1,416,980 1,500,332 Unallocated Unallocated 5,292,838

C. UMTA Section 9 Funds for Planning Assistance

UMTA's Section 9 Program provides 80% matching money to states and local public agencies for transportation planning, engineering, designing and evaluation of urban mass transportation projects. UMTA regulations on "Transportation for Elderly and Handicapped Persons" state that transportation planning at the local level must include "special efforts" to plan mass transit facilities and services that can effectively be used by elderly and handicapped persons, including wheelchair users. UMTA also requires urbanized areas to budget for and implement specific projects for the elderly and handicapped, including wheelchair users.

D. UMTA Section 10 Funds for Transit Management Training

Section 10 funds are used for the training of employees of any state, local body, and agencies thereof, involved in urban mass transportation activities and are eligible for 75% Federal participation, or \$12,000.

II. FEDERAL-AID HIGHWAY ACT OF 1976

A. Federal-aid Urban Systems (FAUS)

At the discretion of local officials, FAUS funds may be utilized for public transit capital assistance projects. FAUS funds for transit capital assistance projects can be eligible for 70% participation.

CAPITAL EXPENDITURES

All capital expenses listed under 1978 are included in grant application #IA-03-0025 that has been submitted to UMTA and is pending approval. Some of the equipment included under this grant application are 10-35'+43-66 and 10-35'+43-66 and 10-35'+43-66 and 10-35'+43-66 and 10-35'+43-66 and 10-35'+43-66 are included in grant application are 10-35'+43-66 and 10-35'+43-66 are included in grant application are 10-35'+43-66 and 10-35'+43-66 are included in grant application application are 10-35'+43-66 and 10-35'+43-66 and 10-35'+43-66 are included in grant application application are 10-35'+43-66 and 10-35'+43-66 are included in grant application application are 10-35'+43-66 and 10-35'+43-66 and 10-35'+43-66 and 10-35'+43-66 are included in grant application are 10-35'+43-66 and
OPERATING EXPENSES

The Section 5 operating expenses shown on the following chart for 1978 are actual budget projections as made by the MTA. Total operating expenses as projected in the budget figures \$3,597,392. Revenue is projected to reach \$1,482,986 in 1978; thus, leaving a total operating expense less revenue at \$2,114,406. Under Section 5 of the Urban Mass Transit Act, all monies of the \$2,114,406 that qualify will be subject to a 50% deficit funding from UMTA. It is projected that the share of the deficit will be \$1,056,203. The local share will be made up by both the State and local cities.

Within the operating budget are certain planning functions that are to be completed in 1978 with implementation of the findings to be in 1979. These functions are as follows:

Latent Demand & Route Feasibility Study for the Near West Crosstown Feasibility Study & Implementation of Sunday and/or Evening Service Study & Implement Zone fare (West Des Moines & Urbandale) Non Ridership Survey Elderly & Handicapped Service (Study & Implement) Southside Service Improvements Expansion of Elderly & Handicapped Service Near West Crosstown (Implementation)

Operating expenses for 1979 are projected at this time to only show the total operating budget anticipated. Due to the difficulty in accurately projecting revenue from year to year, MTA has not attempted to do so in this TIP. It should be pointed out, however, that current statistics indicate that revenue is on the upswing and this upward trend should continue through 1979 and 1980.

Ž K	t w k		MTA CAPITAL	EXPENSES	4	見走節	LAI	ÆB	135	9	тот	AL PROJECT	COST DISTRI	витюн
NUMBE	SOURCE	DATE	TRANSIT PROJECT LOCATION	/ DESCRIPTION	TYPE C	PROJEC LENGTH (NY ME E	EMBTRIC	DEC. COLUM	ALINCTION OF ALIVERSE CO.	FUNDIN	FEDERAL	STATE	LOCAL	TOTAL
	TDP	1978	Service and Office Cen Construction and equip	ter ment*						iec 3	3,367,400		841,850	14,209,250
	TDP	1978	10 Transit Coaches - 3							ec. 3 or 5	660,000	1 110,004	54,996	825,000
		1978	1 Fork Lift**	7 13 Montinet						Sec. 3		!	-	
	-									or 5 Sec. 3	12,000	2,000	1,000	15,000
-		1978	1 Self-contained sweep	er**						or 5 Sec. 3	9,200	1.532	768	11,500
		1978	1 Supervisory Van **							or 5	10,000	1,666	834	12,500
	TDP	1978	Maintenance Equipment	x'*						Sec. 3 or 5	31,380	5,229	1 2,616	39,225
	TDP	1978	Radio Modifications **							Sec. 3			1	
							!			or 5	4,800	799	401	6,000
	TOP	1979	10 Transit Coaches - 3	5', 43-passenger						Sec. 3	720,000	180,000		900,000
	TDP	1980	Service Cars and Truck	5						Sec. 3	24,458		6.114	30,572
	TOP	1980	5 Transit Coaches - 35	', 43-passenger						Sec. 3	520,00	130,000		1 650,000
	TDP	1981	Bus Stop Signs (1,000)							Sec. 3	28,000		7,000	35,000
			*These items are inclugrants. ** These items are inclu	ded in previously appo		on submi	tted	to	UMTA J	uly 1,	1977,			
							-	+	1			-	 	
		-				-	-	-		_		1	-	-
N. 24.37	STATE OF THE PARTY									- moreone		Ange was been	Name and Associated	
			IDENTIFICATION NUMBER	TYPE OF IMPROVEMENTS SYME	1012		IYPE O	(CO)	NOVEMENTS OT INUED)	SYMBOLS		FUNDING TYPE S	YHBOLS	
		with the	oject numbers correspond . numbers on the map of ents showing the project	C - Construction			AS -	Resu	facing			FAP - Federal	Ald Primary	
		locat lons		CH - Channelization					Hzation				Ald Urban System	
		PROJECT S	SOURCE DOCUMENT SYMBOLS	G - Grading				Study					Ald Secondary	
		R.P R	evised Plan	GR - Gravel	ovements			Wider	Ing Lanes			FIH - farm-to		
			ransportation Systems Hanagement	IL - Intersection Light									and Urban Develo	pment
		Ra	ocal Transportation Short- ange Capital Improvements	IN - Installation			SYMBOL		HCTIONAL C	LASSIFICATI	ON	SEC 3- UNIA Se		
		P	rogram	H - Hedlans			PA -	Prin	clple Arte	rtat		SEC 5- UNIA Se	ection 5	
				P - Paving			на -	Hlnor	r Arterial			SEC TO-UNTA Se	ection 10	
		TYPE OF	IMPROVEMENT SYMBOLS	R - Reallgoment			c ·	Coll	ector			1662 - UMFA Se	ection 16(b)(2)	
		ARS - A	utomatic Mailroad Signals	AC - Reconstruction				toca	1			BOR - Bureau	of Outdoor Recrea	tion
		BC - 8	rldge Construction	RE - Repair			FUNDI	G TYP	E SYMBOLS			FAA - Federal	Aviation Adminis	tration
		BRP - 8	ridge Replacement	ROW - Right-of-way Acqu	Isttion		-	-	ral Ald Ir			5 - State 6	ept. of Transport	at lon

T.w	2		MTA OPERATING EXP	ENSES		ប្ភភ	LAN	EB	136	9	тот	AL PROJECT	COST DISTRIB	итюн
PROJEC	DOCUM	DATE	TRANSIT PROJECT LOCATION/		The Of	BACAT CENTED	ENSTRAC	DMO-CORED	HUNCTION FUNCTION CLASSIFFO	FUNDING	FEDERAL	STATE	LOCAL	TOTAL
	1	1978	Total Projected Operating											3,597,392
		1978	Projected Operating Reven	ue										1,482,986
	-	1978	Total Projected Operating	Expense less Revenu	1					Sec. 5	1,057,203	41,457	1,015,746	2,114,406
	1	1979	Total Projected Operating	Expenses										3,963,371
		1979	Projected Operating Rever	ue										1,700,000
		1979	Total Projected Operating	Expense less Revenu	2					Sec. 5	1,131,686		1,131,685	2,263,371
			MTA is the local agency of carrying out these project								1			
-														
							<u> </u>		ļ					
-							<u> </u>							
		These provided the interpretations in the interpretation in the in	DENTIFICATION NUMBER Ject numbers correspond numbers on the map of nts showing the project OURCE DOCUMENT SYMBOLS	TYPE OF IMPROVEMENTS SYNDS (CONTINUED) C - Construction CH - Channelization G - Grading	n.s		AS - S -	Study		SYMBOLS		FAS - Federa	I Ald Primary I Ald Urban System I Ald Secondary	
		ISH - Ir CIP - Lo Ra	vised Plan ansportation Systems Hanagement cal Transportation Short- nge Capital Improvements ogram	GA - Gravel I - Intersection Impro IL - Intersection Light IH - Installation H - Hedians			NATION/ SYMBOLS	Wider		LASSIFICATI rtal	ON	FIR - Farm to F 2 - Fitte HUD - Houstin SEC 3- UNIA S. SEC 5- UNIA S.	of and Urban Developmention 3	ent
			HPROVEMENT SYMBOLS	P - Paving R - Realignment RC - Reconstruction			c -		r Arterlal ector 1				ection 10 ection 16(b)(2) of Outdoor Recreati	on
	1	BC - Br	Idge Construction	RE - Repair ROW - Right-of-way Acqui	sition		FUNDIN	G TYP	E SYMBOLS	terstate		FAA - Federa	l Aviation Administr Dept. of Transportat	ation



PARATRANSIT/ SPECIAL EFFORTS

ACTIVITIES TO IMPROVE TRANSPORTATION FOR ELDERLY AND HANDICAPPED PERSONS

I. INTRODUCTION

Improving transportation services and mobility for the elderly and handicapped is an important and legislatively required goal of the Urban Mass Transportation Administration (UMTA).

A. Planning Assistance Program (Section 9 of the UMT Act of 1964, as amended)

UMTA's Section 9 Program provides 80% matching money to states and local public agencies for transportation planning, engineering, designing, and evaluation of urban mass transportation projects. UMTA regulations on "Transportation for Elderly and Handicapped Persons" state that transportation planning at the local level must include "special efforts" to plan mass transit facilities and services that can effectively be used by elderly and handicapped persons, including wheelchair users. UMTA also requires urbanized areas to budget for and implement specific projects for the elderly and handicapped, including wheelchair users.

B. Operating Assistance Program (Section 5 of the UMT Act of 1964, as amended)

UMTA provides matching funds on a 50/50 basis to states and local public bodies (such as a city, county, or regional transit authority) to cover up to 50% of the operating costs involved in providing transit service.

Operating costs include such expenses as salaries, administrative expenses, advertising, maintenance and routine bus replacements. All transit operations receiving Section 5 funds may not charge elderly and handicapped persons more than one-half of the regular fare applied to general transit users during peak hours. This requirement is applicable only in off-peak or non-rush hour periods.

C. Capital Assistance Program (Section 3 of the UMT Act of 1964, as amended)

Funds are available to public agencies and private operators (through contracts with public agencies) to fund 80% of the cost of capital acquisi-

tions including new bus and rail car purchases and construction costs of maintenance facilities, bus garages, new rail lines, etc.

The UMTA regulations on "Transportation for Elderly and Handicapped Persons" require many vehicle and fixed facility (stations, terminals, etc.) features that can make transit use easier for these individuals.

The requirements include such things as improved handrails and stanchions, nonslip flooring, lighting in the bus step well, priority seating signs for elderly and handicapped persons, warning strips next to boarding platforms and other hazard warnings in transit-related buildings. In addition to the above, UMTA has issued requirements which manufacturers must meet for new design and new transit buses. Such requirements would include wheelchair accessibility, front door and passageway clearances, securement devices, and effective floor heights of not more than 24 inches.

D. Capital Assistance to Support Transit for Elderly and Handicapped Riders

Section 16 (b) (1) of the Urban Mass Transportation Act of 1964, as amended, authorizes UMTA to make grants and loans to States and local agencies specifically to provide mass transit services which meet the special needs of elderly and handicapped persons. Section 16 (b) (2) authorizes UMTA to assist private non-profit organizations in providing transit services for this group where transportation services provided are unavailable, insufficient or inappropriate for their use.

ě s	F		Capital Expenses	×	ច≖អ៊	LAHE	9 48	9	TOTA	L PROJECT	COST DISTRIBU	люн
DENTIFICA	SOURCE	DATE	PARATRANSIT PROJECT LOCATION/ DESCRIPTION	TYPE OF	PROJECT LEMETH (PK SME DS)	Constant	KI TO	FUNDING	FEDERAL	STATE	LOCAL	TOTAL
-	MENTAL PROPERTY.	ADDRESS A	PROJECT EDGALOM DESCRIPTION			-			- AND DESCRIPTION OF THE PERSON OF THE PERSO		A CHARLES THE TAX DE LEVEL	alone see
			SPECIAL SERVICES TRANSPORTATION CORPORATION	,	<u> </u>							
	TSM	1978	(2) 16-passenger vans with W.C. lift and									
			2 W.C. spaces			li		UMTA 16b2	28,160.00		*7,040.00	35,200.00
												35,200.00
	TSM	1978	Vehicle Equipment					* I 3	49.20			49.20
						17		HUD	32.80		1	32.80
					-	\Box					1	82.00
					+	-		Т 3				
-								Т 7	1,818.00		-	1,818.00
_	TSM	1978	Communications					HUD	1,212.00			1,212.00
			15 Daniel Van fan Baston			11						3,030.00
**	TSM	1978	15 Passenger Van for Foster Grandparent					Actio	9,400.00			9,400.00
	TSM	1979	(2) 16-passenger vans with W.C. lift and									
			2 W.C. spaces					16b2	32,000.00		*8,000.00	40,000.00
												40,000.00
					1							
	TSM	1979	Vehicle Equipment			177		F 3	56.00			56.00
	104	1979	Yenre Equipment				1	-	38.00			38.00
						\Box			30.00			94.00
* *	(Sub-	contr	acted to SST, Corp. thru CIRALG area on	aqinq)					descense			Lamenta
			DENTIFICATION NUMBER [YPE OF INPROVENENTS SYNBO (CONTINUED)	<u>)1 S</u>		TYPE OF	(CONTINUED)	S SYMBOLS		FUNDING TYPE	symbols *-Loca	d by donat
		with the	oject numbers correspond numbers on the map of C - Construction ents showing the project			RS - R	esurfacing				I Ald Primary from	

	ovements showing the project tions.
ROJ	ECT SOURCE DOCUMENT SYMBOLS
L.P.	Revised 1990 Plan
ISH	- Transportation Systems Nanagement
CIP	- Local Transportation Short- Range Capital Improvements Program

STTP - State Transportation Improvement Program

ARS - Automatic Railroad Signals

BC - Bridge Construction

BRP - Bridge Replacement

C - Construction
CH - Channelization
G - Grading
GR - Gravel
i - Intersection Improvements
IL - Intersection Lighting
IN - Installation
H - Medians
P - Paving
R - Realignment
RC - Reconstruction
RE - Repair
ROM - Right-of-way Acquisition

AS - Resurfacing

S - Signalization

SI - Study

IL - Lurning Lanes

W - Videning

SF - Safety

MATIONAL FUNCTIONAL CLASSIFICATION

SYNBOLS

PA - Principle Arterial

MA - Hinor Arterial

C - Collector

L - Local

fAl - Federal Aid Interstate

O C	F		CAPITAL EXPENSES, CONT.		WENT THE	5-8	LAN	ES	TION	Q	TOTA	L PROJECT	COST DISTRIBI	UTION
IDENTIFICATION NUMBER	SOURCE DOCUMENT	DATE	PARATRANSIT PROJECT LOCATION/ DES	CRIPTION	TYPE OF IMPROVEMENT	PROJECT LENGTH (IN MILES)	EXISTING	PROPOSED	NATIONA FUNCTION CLASSIFICA	FUNDING	FEDERAL	STATE	LOCAL	TOTAL
B-0000			SPECIAL SERVICES TRANSPORTA	TION CORPORATION					Al Assault		A CONTRACTOR OF THE PARTY OF TH			
	TSM	1979	Communication		11				**	13	2,091.00			2,091.00
			1							HUD	1,394.00			1,394.00
														3,485.00
	(DCM					-				Ţ 3	54.00			61.00
	TSM	1980	Vehicle Equipment			-					64.00			64.00
								-		HUD	44.00			44.00
			,											108.00
	TSM	1980	Communication							T 3	2,405.00			2,405.00
										нир	1,603.00			1,603.00
														4,008.00
													<u> </u>	
													1	
											1875			
											THE BUILDING			
														-2 *****************************
		These provides with the instruction locations of the second construction of	destruction number Jet a number's correspond nots should; the project Local Formal Symbols vised 1990 Plan Ausportation Systems Banagement rial Transportation Short- maje Capital Improvements togram Letter Transportation Improve- ent Program Letter Transportation Improve- ent Prog	Continue of the second of the	evenured S		SF- HALION SYNBOL PA HA	Stud Stud Lurn Wide Saf AL TU	ing Lanes alog ety actionAL C ciple Actor actor	LASSIFICATI	On.	FAIS - Federal FAS - Federal FIR - Fatinto F 2 - Fittle F HUU - Housing SEE 3 - URIA See SEE 10 - URIA See 1662 - URIA See	Aid Prinstry Aid Urban System Aid Secondary market and Urban Developm ettion 3 ettion 5	
		nc Br	ldge Construction	RE Repair			FUNDIN	G TYP	E SYMBOLS				Aviation Administr	
		BRP B	idge Replacement	ROW - Right-of-way Acqu	Istrian		-		ral Aid Ir	iterstate		S State Do	ept, of Transportat	ion

NO. S	F.M.K		Capital Expenses		1	SMERT.	ប±តិ	LAP	ES	LE TION	9	тотл	L PROJECT	COST DISTRIB	UTION
DENTIFICA	SOURC	DATE	PARATRANS PROJECT LOCATION	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS N	1	NAME OF	PROJE LENGT (Pr. NEL)	ECESTRAC	0	HWCTO HSSIFIC	FUNDIN	FEDERAL	STATE	LOCAL	TOTAL
Q SERVICE	AND DESCRIPTION OF THE PARTY OF		Towa Methodist Medical		6.7349.00000	No Table 1		O CO	A.	B	AMELINATA.			i depressed to	Les en commence de la
	TSM	1978	Iowa Methodist Medical tion services to Elderl	Center- Transporta- y & Handicapped							UMTA 16b2	16,409.60		4,102.40	20.512.00
					-		***********		••••	*********					1
-					-										
					_									<u> </u>	
	-				-	•									1
_					-			-							<u>i</u>
															1
						•••••								-	-
		1300													
					-	•••••	· · · · · ·	! ****	••••					1	1
											-			1	-
												3-2-3			
														1	1
					_								i	!	-
															1
					-		1	-	-						-
NAME (SERVICE)	AND PROPERTY.	L COMMENSATION	A LITTLE CONTROL TO THE PROPERTY WAS A PROPERTY OF THE PROPERT				dental de la constante de la c				, salesterance In-	AL RIVER HAR THE REAL PROPERTY AND A SECOND	THE RESERVE AND CARRIES TAXABLE VALUE	and provide the second of the	The state of the s
	diameter. Act	PROJECT 1	DENTIFICATION NUMBER	TYPE OF IMPROVEMENTS SY (CONTINUED)	HBOL S	AND ENGINEERS	Maria accordance	TYPE D	IMPR	OVEMENTS TINUED)	SYMBOLS		FUNDING TYPE S	YHBOL'S	
		These pro	Ject numbers correspond numbers on the map of	(CONTINUED)											
		Improveme locations	nts showing the project	CH - Channelization				AS -		Hization			FAUS - Federal	Ald Urban System	
				G - Grading					Study				FAS - Federal		
			OURCE DOCUMENT SYMBOLS	GA - Gravel				11 -	Turni	ng Lanes			fin - Farm-to		
			vised Plan ansportation Systems	1 - Intersection im	rovements			w -	Widen	ing			T 2 - Title I		
			Management ocal Transportation Short	IL - Intersection Lig	phting			NATION	AL FUN	CTIONAL C	LASSIFICATI	ON	HUO - Housing	and Urban Develope	sent *
		Ra	nge Capital Improvements	IN - Installation				SYMBOL	5	CT TOWNE	LAZZII ILAI I	AU.	SEC 3- UNTA Se	ection 3	
				H - Medians						lple Arte			SEC 5- UNIA Se		
				P - Paving						Arterial	Marine I		SEC 10-UNTA Se		
			HPROVEMENT SYMBOLS	R - Realignment					Colle					ction 16(b)(2)	
			utomatic Railroad Signals	AC - Reconstruction					Local					of Outdoor Recreati	
			Idge Construction	AE - Repair				FUNDIN	G TYPE	SYHBOL S				Aviation Administr	
		onr - Br	idge Replacement	ROW - Alght-of-way Ac	quisition			FAI -	Feder	al Ald I	terstate		S - State L	ept. of Transportat	Ton

Ž 5	F 2		OPERATING EXPENSES		N T	5×8	L.A.	IES	130	9	тота	L PROJECT	COST DISTRIB	UTION
DENTIFICA	SOURCE	DATE	PARATRANSI PROJECT LOCATION/	A A SHARE AND A SH	TVPE OF	PROJEC LENGTH (N. ME ES	EXISTING	PROPOSE	HATTONA FLANCTION CLASSIFICA	FUNDING	FEDERAL	STATE	LOCAL	TOTAL
			SPECIAL SERVICES TRANSPO	RTATION CORPORATION										
		1978	Personnel						***	T 7	50,975.40			50,975.40
										HUD	33,983.60			33,983.60
										CETA	6,744.00			6,744.00
								ļ						91,703.00
		1978	Transportation Expenses					 		T 3	20,311.20			20,311.20
										HUD	13,540.80			13,540.80
										CETA	772.00			772.00
								!						34,624.00
		1978	Office Expenses			-	!	-		Po Co.			6,690.00	6,690.00
								 						6,690.00
		1978	Other				-	-		T 3	2,340.00			2,340.00
								Ī		HUD	1,560.00			1,560.00
														3,900.00
						+	+	<u> </u>	 					1136,917.00
		These pro	DENTIFICATION HUNDER Ject numbers correspond numbers on the map of nts showing the project	TYPE OF IMPROVEMENTS SYMB (CONTINUED) C - CONSTRUCTION CH - Channellzation	30L S		AS -	Resu	ROVEMENTS WITHUED)	SAMBOF 2			SYMBOLS (D) I Ald Primary I Ald Urban System	**T=Title
		R.P Re ISM - Tr CIP - Lo Ra Pr	ounce bocument symbols vised 1990 Plan ansportation Systems thanagement cal Fransportation Short- maje Capital Improvements ogram	G - Grading GR - Gravel L - Intersection Impre IL - Intersection Light IN - Installation			SF =	Saf	ing tanes ning ety NCTIONAL C	LASSIFICALI	<u>он</u>	FIM - Farm-to T 2 - Fitle I HUD - Housing SEC 3- UMIA So	ll g and Urban Developm ection)	sent -
		I	tate Transportation mprovement Program nerovement symmots	H - Hedians P - Paving A - Realignment			на		ciple Arte r Arterial ector			SEC 5- UNTA SE SEC 10-UNTA SE 1662 - UNTA SE		
			stomatic Railroad Signals	RC - Reconstruction RE - Repair			ι .	Loca	•				of Outdoor Recreati	
			ldge Construction	RE - Repair ROV - Right-of-way Acqu	Isttion			-	E SYMBOLS	iterstate			l Aviation Administr Dept. of Transporta	

Ž s	F 5		OPERATING EXPENSES		N. S.	ธะติ	LAI	ÆS	1.25. 17.00.	Ş	тот	AL PROJECT	COST DISTRIB	итюн
DENTIFICA	SOURCE	DATE	PARATRANSIT	HEREST STREET,	TYPE OF AMERICAN	PROJECT LENGTH (IN MEES)	EXISTING	PROFOSE	HATONA FINCTION GLESSFICE	FUNDING	FEDERAL	STATE	LOCAL	TOTAL
			SPECIAL SERVICES TRANSPOR	RTATION CORPORATION										
		1979	Personnel Personnel						**	T 3	58,622.00			58,622.00
										HUD	39,081.00			39,081.00
										CETA	7,756.00			7,756.00
														105,459.00
-		1979	Transportation Expenses							T 3	23,358.00			23,358.00
	7									HUD	15,572.00			15,572.00
	1									CETA	888.00	1 7		888.00
										-,				39,818.00
-		1979	Office Expenses			 				PoCo Inkind			7,694.00	7,694.00
														7,694.00
							-	-		[3	2,691.00			2,691.00
					1		1	t "		IUD	1,794.00			1,794.00
						1	-	<u> </u>						4,485.00
								-						157,456.00
		These provided the improvement of the improvement o	DENTIFICATION NUMBER Spect numbers currespond numbers on the map of nts showing the project Source 1990 Plan ansportation Systems Bunagement scal Transportation Short- inger Capital Improvements Gogram Timprovement Program Improvement Program	TYPE OF IMPROVENCIALS SYMM (CONTINUED) C - CONSTRUCTION CH - Channelization G - Graving GR - Gravel L - Intersection Impres II - Intersection Light IN - Installation H - Medians P - Paying	ovenents		SF =	Stude Stude Saf	ing tanes	LASSIFICATI	OH.	fAS - federal fIM - farm to 1 2 - little f	Ald Primary Ald Urban System Ald Secundary	T= Title

t tocal

FUNDING TYPE SYMBOLS

FAI - federal Ald Interstate

ARS - Automatic Railroad Signals

BC Bridge Construction

BRP - Bridge Replacement

AC - Reconstruction

RE - Repair

ROW - Right of way Acquisition

BOR - Bureau of Outdoor Recreation

FAA - federal Aviation Administration

t - tocal-

\$ - State Dept. of Transportation

Ž 5	F W E		OPERATING EXPENSES		, E	D±9	LAI	IES	136	g	TOTA	L PROJECT	COST DISTRIBU	люн
NUMBE	SOURCE	DATE	PARATRANSI PROJECT LOCATION/	COLE CONTRACTOR APPROPRIES	TVPE OF	PROJECT LENGTH (# MCEB)	EXISTING	PROPOSED	HATTONA FUNCTION CLASSIFICA	FUNDING	FEDERAL	STATE	LOCAL	TOTAL
			SPECIAL TRANSPORTATION CO	RPORATION										
		1980	Personnel						**	17	67,415.00			67,415.00
										HUD	44,943.00		1	44,943.00
					·····					CETA	8,919.00			8,919.00
						-								121,277.00
		1980	Transportation Expenses					-	 	T 3	26,862.00			26,862.00
										HUD	17,908.00	****		17,908.00
										CETA	1,021.00			1,021.00
								ļ	ļ					45,791.00
		1980	Office Expenses							Poco Inkind			8,848.00	8,848.00
						-	-	-	ļ					8,848.00
		1980	Other							T 3	3,095.00			3,095.00
										HUD	2,063.00			2,063.00
							-	-						5,158.00
	4					-		 -	 					181,074.00
	1 was	These pro	OPERTIFICATION NUMBER OJECT numbers correspond numbers on the map of cuts showing the project	CONTINUED C - Construction CH - Channellastion	ot 5		AS .	Resu	ROVEMENTS NTINUED) rfacing	SYMBOLS			Ald Primary Ald Orban System	** T=Title
		R.P Re	source pocument symbols evised 1990 Plan ransportation Systems	G - Gravel I - Intersection Impro	evenents				Ing Lanes			FIM - Farm-to		
		CIP - Lo	Nanagement ocal Fransportation Short- ange Capital Improvements rogram	IL - Intersection Eight IN - Installation	Ing		SYMBO	S FU	HCTIONAL C	CLASSIFICATI	<u>DN</u>	SEC 3- UNIA Se		ent
			State Transportation Improvement Program	M - Hedians P - Paving R - Realignment			MA		r Arteria			SEC 10-UNTA Se	ction 10	
			utomatic Railroad Signals	R - Realignment RC - Reconstruction				toca					of Outdoor Recreati	OII
			ridge Construction ridge Replacement	RE - Repair ROW - Right-of-way Acqu	Istton		-	1000000	E SYMBOLS				Aviation Administr	

# F. W	5	OPERATING EXPENSE		ក្នុះ គឺ	LAI	JE8	148	Q	TOTA	L PROJECT	COST DISTRIBUT	юн
NUMB PROJECT SOURCE	DATE	PARATRANSIT	TYPE OF	PROJECT LENGTH (# MEES)	1	į.	HATTONAL FUNCTIONAL CLASSIFICATION	FUNDING				
200	8	PROJECT LOCATION/ DESCRIPTION		truic tural	EKEST	2	355	SANCARDA.	FEDERAL	STATE	LOCAL	TOTAL
T		SOUTHEAST PIONEER & COLUMBUS										
	1978	Personnel						*			33,707.00	33,707.0
	1978	Transportation Expenses						*			20,579.00	20,579.0
	1978	Office Expenses						*			900.00	900.0
	1978	Other						*			180.00	180.0
	1979	Personnel									35,392.00	35,392.0
	1979	Transportation Expenses						*			21,608.00	21,608.0
	1979	Office Expenses						*			945.00	945.0
	. 1979	Other									217.00	217.0
	1980	Personnel						*			37,162.00	37,162.0
	1980	Transportation Expenses						*			22,688.00	22,688.0
	1980	Office Expenses						*			992.00	992.
	1980	Other						*			228.00	,228.0
											7 (7)	
		*Funding provided by United Way Donation										
						ĺ						

PROJECT	TOE	NILL	ICAL	ION	NUMBER
-	-	*****	*****		

These project numbers correspond with the numbers on the map of improvements showing the project locations.

PROJECT SOURCE DOCUMENT SYMBOLS

M.P. - Revised 1990 Plan

ISM - Transportation Systems

Banagement
Local Transportation ShortRange Capital Improvements
Program

STIP - State Transportation Improvement Program

TYPE OF IMPROVEMENT SYMBOLS

ARS - Automatic Railroad Signals

- Bridge Construction

BRP - Bridge Replacement

TYPE OF INPROVEMENTS SYMBOLS (CONTINUED)

C - Construction

- Channellzation

- Grading

GR - Gravet

1 - Intersection improvements

- Intersection Lighting

- Installation

- Medlans

P - Paving

A - Realignment

RC - Reconstruction

HE - Repair

ROW - Right-of-way Acquisition

TYPE OF IMPROVEMENTS SYMBOLS (CONTINUED)

RS - Resurfacing

S - Signatization

ST - Study

TL - Turning Lanes

W - Widening

SF - Safety

NATIONAL FUNCTIONAL CLASSIFICATION SYMBOLS

PA - Principle Arterial

MA - Minor Arterial

C - Collector L - Local

FUNDING TYPE SYMBOLS

FAI - Federal Ald Interstate

(CONTINUED)

FAP - Federal Ald Primary

FAUS - Federal Ald Urban System

FAS - federal Ald Secondary

fin - farm-to-market

T 2 - Title II

100 - Housing and Urban Development

SEC 3- UNIA Section 3

SEC 5- UMTA Section 5

SEC 10-UNIA Section 10

1662 - UNTA Section 16(6)(2)

BOR - Bureau of Outdoor Recreation

FAA - federal Aviation Administration

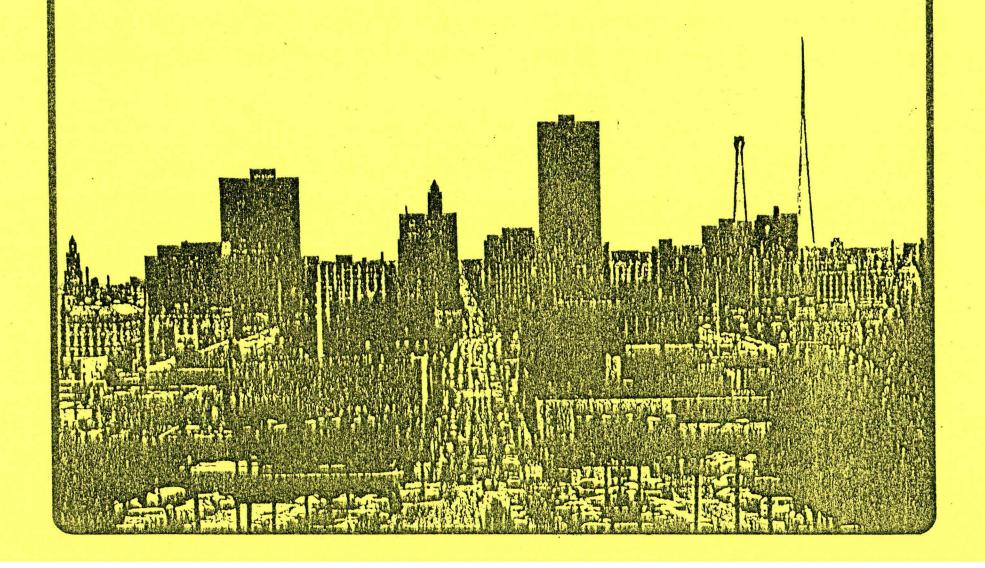
5 - State Dept. of Transportation

L - Local

1978 ANNUAL ELEMENT

FY1978 ~ 1982 TRANSPORTATION IMPROVEMENT PROGRAM

Des Moines Urbanized Area



ANNUAL ELEMENT

The annual element is a list of transportation improvement projects proposed for implementation during the first program year and should be reasonably consistent with available federal funding for that year. This annual element includes projects to be completed during FY 1978. In the event that additional funds become available for FY 1978, projects will be shifted from the five (5) year program to the annual element.

The following chart shows the total amount of expenditures estimated for transportation improvement projects for FY 1978 in the Des Moines Urbanized Area. Total estimated expenditures are broken down by jurisdiction and by funding source.

SUMMARY OF ESTIMATED EXPENDITURES BY LOCAL JURISDICTIONS, THE METROPOLITAN TRANSIT AUTHORITY, AND THE 10WA DEPART-MENT OF TRANSPORTATION (FISCAL YEAR 1978)

	CLIVE	DES MOINES	IDOT	JOHNSTON	МТА	PLEASANT HILL	POLK COUNTY	URBANDALE	WEST DES MOINES	WINDSOR HEIGHTS	PARA TRANSIT	TOTAL
FAI			1,467,000									1,467,000.
FAP			885,000								*****	885,000.
FAUS	80,675	1,601,149					647,500	90,000	70,000			2,489,324.
TITLE II		374,855					91,800					466,655.
FAA		5,276,630										5,276,630.
ACTION											9,400.00	9,400.
OAA** 1387											75,493.80	75,493.
HUD	W. S. e. (1)										50,329.20	50,329.
CETA											7,516.00	. 7,516.
UMTA Sec. 5					1,057,203							1,057,203.
UMTA Sec. 5 or 3					4,094,780							4,094,780.
UMTA Sec. 16(b)(2)											44,569.60	44,569
USTEP	18,750	134,975	205,500	37,500				18,750			1	415,475
STATE		38,445	884,187		162,687		9,200					1,094,519
LOCAL	30,075	13,015,661		139,630	19,918,211	25,000	336,500	473,750	281,000	25,000	73,198.40	34,318,025.
TOTAL	129,500	20,441,715	3,441,687	177,130	25,232,881	25,000	1,085,000	582,500	351,000		260,507.00	51,751,920.

NO S	tive		DES MOIN	ES DT	8	D±9		46.5	JA P	9 3	TOTA	L PROJECT (COST DISTRIBI	ITION
DAY.	Deg.	DATE	AIRPO		F F		3	•	26	35				
0	F.0.X		PROJECT LOCATION/				G	9			FEDERAL	STATE	LOCAL	TOTAL
l	CIP	1978	Airport Terminal Bui Renovation	lding - Interior	C					L	- DEMPHERMENT	AUSTRAL DES PROPERTIES D	150,000	150,000
	CIP	1978	Airport Master Plan		ST					FAA	.215,000	15,000		230,000
2	CIP	1978	Airport Parking Expa	nsion	c					L			260,000	260,000
	CIP	1978	Runway/Taxiway Impro	vements	RS,I,W, IN,C					FAA	4,092,830		145,170	4,238,000
3	CIP	1978	Emergency Generator-	Concourse	IN					L			15,000	15,000
4	CIP	1978	FBO Apron Paving Ove	rlay	RS					FAA	238,000		27,'000	265,000
	CIP	1978	Airfield Improvement Removal Equipment	s-Snow & Ice	sf					ENÀ	730,800			
-	CIK	1312	Manovar Eddibining		31	·		-		FAA_	130.000	-	81,200	_812,000
		-				-	-							
-						-		-						
						-	-							
								!						
					1000000		1							
	-	-			1	1	 	! ***	†				 	
-	-	-	******************************			-	-	1						
	-	-			-	-	 		 					ļ
								I	.					
			· 中国											
No.														
etterno	A CONTRACTOR	A SAME TO	BACONG AND DESCRIPTION OF THE PARTY OF THE P		A DESIGN DECISION		Luido	Amir	exercises:	AHRENIA	The second secon	change year or	American and American	
		These pro	DENTIFICATION NUMBER	(CONTINUED)	BOL 2		nrt.	(100	AT INUE D	21MAGE 2		CONTINUE		
		laproveme	numbers on the map of ints showing the project	C - Construction					reactng			FAP - Federal	Ald Primary Ald Orban System	
		locations		CH - Channellzation G - Grading				Stud	allzation				Ald Secondary	
			SOURCE DOCUMENT SYMBOLS	GR - Gravel					ing Lanes			fin - farm-to-		
			evised 1990 Plan	1 - Intersection Impr	ovements			Wide				1 2 - Hele 11		
			ransportation Systems Hanagement ocal Transportation Short	iL - Intersection Ligh	t Ing	-	SF -	Saf	ety	LASSIFICAT	ION	HUD - Housing	and Urban Developm	ent
			ruge Capital Improvements	IN - Installation			SYMBO	5	TEL TAMPLE	LASSIFICAT	int	SEC 3- UNIA Sec		
			State Transportation Improvement Program	M - Hedlans					ciple Arti			SEC 5- UNIA Sec		
				P - Paving				- Koti	r Arteria			SEC 10-UHIA Sec		
			IMPROVEMENT SYMBOLS	A - Acallyment AC - Acconstruction				- Loca					of Outdoor Recreation	on
			ridge Construction	AE - Aepair									Aviation Administr	
			ridge Replacement	NOV - Alght-of-way Acqu	ulaltion		-	-	E SYMBOLS				ept. of Transportat	
				and an any acqu			FAI	fede	ral Ald I	nterstate		t - tocal		

N.	F5		Des Mo	ines .	A LEGIT	5-8	LAN	8	_# <u>\$</u>	g	тот	L PROJECT	COST DISTRIBU	ITION
DENTIFICAT	PROJEC SOURCE DOCUME	DATE	BICYCLE/PEI	STATUTE OF STREET, STR	TYPE OF IMPROVEMENT	PROJECT LENGTH (IN MILES	SKETNE	The Options	RECEDEN	FUNDIN	FEDERAL	STATE	LOCAL	TOTAL
	CIP	1978	Citywide Sidewalk Pr	ogram	C,ROW					L			235,000	235,000
1	CIP	1978	Grass Roots Sidewall	s	С		i i			L			110,000	110,000
	TSM	1978	Street and Curb Inta		IN					т 2	18,000		8,000	26,000
2									•••••	100				
-	TSM	1978	Downtown Skywalk Sys	tem	С					FAUS	70,000		30,000	100,000
						-								
										-				
									•••••					
			THE RESERVE AND ADDRESS OF THE PARTY OF THE			1								
						-								
						14-19								
								••••						
	-					-				-			-	
						-							-	
					:									
								••••						
		-				-		••••						
-	A CALLETON	and the same of th	and the contract of the contra		SECOND DE PROPERTIES UNE	PARTIE TO P								
		PROJECT 1	DENTIFICATION NUMBER	TYPE OF IMPROVEMENTS SYMBO	<u>ıs</u>		TYPE OF	IHPRI	OVEHENTS	SYMBOLS		FUNDING TYPE	YMBOLS	
		These pro	ject numbers correspond numbers on the map of	(CONTINUED)			AS -		facing			(CONTINUE FAP - Federal		
			nts showing the project	CH - Channellzation					Hzatlon				Ald Urban System	
		PROJECT S	OURCE DOCUMENT SYMBOLS	G - Grading			sr -	Study				FAS - Federal	Ald Secondary	
			vised 1990 Plan	GR - Gravel					ng Lanes			FIM - Farm-to		
		ISH - Tr	ansportation Systems Nanagement	I - Intersection Improv			SF -	Sa f				1 2 - Ittle 1	and Urban Developme	ant.
		CIP - Lo	cal Transportation Short-	IN - Installation			NATIONA SYMBOLS	L FUN	CTIONAL C	LASSIFICATION	DH	SEC 3- UNTA Se		
		STIP =	State Transportation	H - Hedlans					iple Arte	rial		SEC 5- UHTA S		
			Improvement Program	P - Paving					Arterial			SEC 10-UMTA Se		
			HPROVEHENT SYMBOLS	R - Realignment				Colle					section 16(b)(2)	
			itomatic Railroad Signals idge Construction	AC - Reconstruction RE - Repair				Local					of Outdoor Recreation Aviation Administra	
			Idge Replacement	ROW - Alght-of-way Acquis	Altion		CHOIL STORY		SYMBOLS				Dept. of Transportati	
				non might-or-way Acquis			FAI -	Feder	al Ald to	terstate		t - tocal		

BER	P#E		1001		New York	5 x 8	LA	HE B	10 10 11 11	9	тот	AL PROJECT	COST DISTRIB	UTION
DENTIFICA	SOURCE DOCUMEN	DATE	BICYCLE/PEI	DESCRIPTION	TYPE OF MAPROVEMENT	PROJECT LENGTH (IN MILES	EXISTRAG	PROPOSED	HATON FLANSTON	FUNDIN	FEDERAL	STATE	LOCAL	TOTAL
4	TSM	1978	la. 46 South of Dean Ave. Pedestrian Underpass	, DM	C				MA	FAP/ USTEP		44,500	44,500	89,000
-						1			•••••				1	1
_						-	-					 	-	
													1	
						-							<u> </u>	1
.,,							,) 		-				<u> </u>
												<u> </u>		
												1		i
						-						-	-	
						-		<u> </u>						
												İ		-
								i						
												1	1	1
							-	!						<u> </u>
												!	1	
*														
-	-					1-	····	!	 			-	-	
							-	ļ				-	-	-
	G-MAN AND AND				CONTRACTOR DESCRIPTION	201 AZIV.	San Blance	domes.			AND THE REAL PROPERTY AND THE PARTY AND THE	i		
			DENTIFICATION NUMBER	TYPE OF IMPROVEMENTS SYMBO (CONTINUED)			TYPE 0	F IMPI	OVEHENTS	SYMBOLS		FUNDING TYPE S	YMBOL'S	
		with the	oject numbers correspond numbers on the map of	C - Construction			AS -		facing			TAP - Federal		
		Improveme locations	ents showing the project	CH - Channellzation					Hzation				Ald Urban System	
		PROJECT S	SOURCE DOCUMENT SYMBOLS	G - Grading			sr -	Study	-			FAS - Federal	Ald Secondary	
			evised 1990 Plan	GR - Gravel					ng Lanes			FIH - Farm-to		
			ransportation Systems Hanagement	I - Intersection Improv			SF -	Saf				T 2 - Title I		
		CIP - La	ocal Transportation Short- onge Capital Improvements	IL - Intersection Light IN - Installation				AL FUI		CLASSIFICATI	ON	SEC 3- UMFA Se	and Urban Develop	nent.
		P	State Transportation	H - Hedlans					iple Arte	relat		SEC 5- UHIA Se		
			Improvement Program	P - Paving			HA -	HIno	Arterla			SEC TO-UNIA Se	ection 10	
			IMPROVEMENT SYMBOLS	A - Realignment				Colle					ection 16(b)(2)	
			utomatic Railroad Signals	AC - Reconstruction				toca					of Dutdoor Recreat	
			rldge Construction	RE - Repair	. 1.1		FUNDIN	G TYP	SYMBOL S				Aviation Administ Pept. of Transporta	
			a. vehiacement	NOW - Right-of-way Acqui	\$1(100		FAI -	fede	al Ald I	nterstate			utansporta	1,1000

10 E E	t w K	amental .	CLIVE		* 5		LAI		136	g			COST DISTRIBU	
PROJE DENTIFICA NUMBI	SOURC	DATE	PROJECT LOCATION/ DESC		TYPE OF IMPROVEMENT	PROJECT LENGTH (IN MLES)	EXISTING	PROPOSED	NATIONA FUNCTION CLASSIFICA	FUNDS	FEDERAL	ŜTATE	LOCAL	TOTAL
1	TSM		University Ave. and NW 1	100th Street	I,S	.06	2	4	PΛ	FAUS	45,150	C1	ve 14,850 1 4,500	64,500
2	TSM	1978	Harbach Blyd. and NW 86t	th Street	S	-			PA	FAUS	18,900		8,100	27,000
3	TSM		Hickman Road and NW 86th		S,CH,W	-		-	PA	USTEP	16,625	37,500 Ur	ve 7,125 23,750	85,000
													231733	
								-						
								-						
							-	-						
								-						
						-	-	-				-		
	-	-					-	-	_			 		
							-	-			1	 		
	_					-	-	-				-		
							1_	-				<u> </u>		
		egie					_	_						
												i		
									200				The Res	
	-											42.00		
-							1	1				1	1	
	1					1	1	-	-	1				
-		-				-	-	1	-	-				
	-	-				-	1	-	-	-	-			
	1	PROJECT SQUACE DOCUMENT SYMBOLS		1		3(5.0)			1	1	tra steimant	i		
			evised 1990 Plan	GR - Gravel	*				ng lanes			FIM - Ferm-to-		
			Ansportation Systems Nanagement	I - Intersection improve			SF .		ety			1 2 - Title If	and Urban Developme	nt
		CIP - LC	ocal fransportation Short-	IN - Installation			SYMBOL	AL FUN	CTIONAL C	LASSIFICATIO	ОМ	SEC 3- UMTA Sec		
		STIP	_ State Transportation	H - Hedlans					iple Arte			SEC 5- UMIA Sec		
		Improvement Program , - Paying			HA -	Hinor	Arterial			SEC 10-UNIA Sec	tion 10			

C - Collector

FUNDING TYPE SYMBOLS

TAL - Federal Ald Interstate t - tocal

t - tocal

16h2 - UMIA Section 16(h)(2)

BOR - Bureau of Butdoor Recreation

FAA - Federal Aviation Administration

5 - State Dept. of Transportation .

R - Reallgoment

RE - Repair

AC - Reconstruction

NOV - Right-of-way Acquisition

TYPE OF THPROVEMENT SYMBOLS ARS - Automatic Relirond Signals

BC - Bridge Construction

BRP - Bridge Replacement

-	CARCE TO SECTION OF SE		Des Moines	4 3	5-8	LAI	IES	13E	9	TOTA	L PROJECT	COST DISTRIBU	TION
DENTIFICAL	PROJEC SOURCE DOCUME	DATE	PROJECT LOCATION/ DESCRIPTION	TYPE OF IMPROVEMENT	PROJECT LENGTH (IN MLES)	EXISTING	PROPOSED	HATTONA FUNCTION CLASSIFICA	FUNDING	FEDERAL	STATE	LOCAL	TOTAL
1	RP	1978	Guthrie Avenue Viaduct	вс		-	4	PA	FAUS	1,331,149		648,851	1,980,000
2	RP	1978	Court Avenue Bridge	RC		4	4	МА	L			733,535	733,535
	CIP	1978	Citywide Bridges	RC					L			75,000	75,000
	CIP	1978	Reconstruction & Repair bridges	RC					L			100,000	100,000
3	CIP	1978		С					L			1,350,000	
	CIP	1978	Parking Meter Replacement	С					L			87,545	87,545
	CIP	1978	Parking Utilization Control System	IN					L			30,000	30,000
4	CIP	1978	Locust Street Parking Garage	С					L			13,000,000	3,000,000
5	TSM	1978	9th Street - Center to University	W		2	4	С	L			234,000	234,000
6	TSM	1978	Army Post Road - SE 5th to SE 14th Street	W,CH,S		4	4	PA	L			265,000	265,000
	CIP	1978	Grass Roots Paving	C,RE					L			17,000	17,00
7	CIP	1978	S. Union-Indianola Rd. to Army Post Rd.	С		2	2	С	L .			430,000	430,000
8	TSM	1978		C,M,S				ма	L			12,000	12,000
9	CIP.	1978		С		2	2	ма	L			650,000	650,000
10	TSM	1978	3rd Street - Court Avenue to Koosauqua Way	W,RS		4	4	PA	FAUS	200,000		53,000	253,000
	CIP	1978	Curb, Median Island and Pavement Replacement	I,RE,P					L			355,000	355,00
	CIP	1978	Citywide Paving Program	P					L			2,275,000	2,275,00
11	RP .	1978	Industrial Highway - Fleur Drive to SE 14th Street	C, ROW, BRP, S			4		L			190,000	190,00

NOJECT IDENTIFICATION NUMBER	TYPE OF IMPROVEMENTS SYMBOLS (CONTINUED)	TYPE OF IMPROVEMENTS SYMBOLS [CONTINUED]	FUNDING TYPE SYMBOLS (CONTINUED)
nese project numbers correspond Ith the numbers on the map of mprovements showing the project	C - Construction	AS - Resurfacing	FAP - Federal Ald Primary
ocat luns.	CH - Channellzation	S - Signalization	FAUS - Federal Ald Urban System
ROJECT SOURCE DOCUMENT SYMBOLS	G - Grading	SF - Study	FAS - Federal Ald Secondary
P Acvised 1990 Plan	GR - Gravel	It - Turning Lames	fill - farm-to-market
	1 - Intersection Improvements	W - Widening	T 2 - Hile II
SH - Transportation Systems Hanagement IP - Local Transportation Short-	IL - Intersection Lighting	SF - Safety NATIONAL FUNCTIONAL CLASSIFICATION	HUO - Housing and Urban Development
Range Capital Improvements Program	IN - Installation	SYMBOLS	SEC 3- UHIA Section 3
TIP - State Transportation In	prove 4 - Hedlans	PA - Principle Arterial	SEC 5- UMIA Section 5
ment Program	P - Paving	HA - Hinor Arterial	SEC 10-UNIA Section 10
YPE OF IMPROVEMENT SYMBOLS	A - Realignment	C - Collector	1662 - UMIA Section 16(6)(2)
RS - Automatic Railroad Signals	RC - Reconstruction	L - Local	BOR - Bureau of Outdoor Recreation
- Bridge Construction	RE - Repair	Filliance Valle Command	FAA - Federal Aviation Administration
RP - Bridge Replacement	ROW - Right-of-way Acquisition	FUNDING TYPE SYMBOLS	S - State Dept. of Transportation
		FAI - Federal Ald Interstate	t - Local

Z E	7		Dea Moinea	X I	F (S)	LAN	ÆS	130	9	tor	and the second	COST DISTRIB	UTION
MUMBE MUMBE PROJECT SOUNCE	DOCUME	DATE	PROJECT LOCATION/ DESCRIPTION	TYPE OF MAPROVEMENT	PROJE LENGTH (N NR.E	EXISTING	PROPOSED	HATTONA FUNCTION CLASSIFICA	PUNDA TYPE	FEDERAL	STATE :	LOCAL	TOTAL
TSM		1978	Pavement Marking Demonstration Project Minor Intersection Improvement and						T 2	147,000		1,000	148,000
TSM		1978	Minor Intersection Improvement and Signalization Upgrading Citywide Traffic Signals, Channelization	RC,S					UStep 1 2	176,210	27,470	73,320	277,000
TSM	м	1978	Citywide Traffic Signals, Channelization & School Crossing Protection Program Dixon AveE. Hull Intersection	C,CH,S					USTEP T 2	33,645	91,975	194,540	320,160
2 TSM	м	1978	Dixon AveE. Hull Intersection Realignment	ROW, S				С	L			145,000	145,000
4 TSM	м	1978	63rd StHickman Rd. Intersection	RC, S				MA	hzceb		34,500	34,500	70,000

These project numbers correspond with the numbers on the map of improvements showing the project locations.

PROJECT SOURCE DOCUMENT SYMBOLS

- M.P. Revised 1990 Plan
- ISH Transportation Systems
- Hanagement
 CIP Local Transportation ShortRange Capital Improvements
 Program

STIP- State Transportation Improvement Program

TYPE OF IMPROVEMENT SYMBOLS

- ARS Automatic Railroad Signals
- BC Bridge Construction
- BRP Bridge Replacement

TYPE OF IMPROVEHENTS SYMBOLS

- C Construction
- CH Channellzation
- Grading
- GR Gravel
- 1 Intersection Improvements
- It Intersection Lighting
- IN Installation
- Hedlans
- P Paving
- A Realignment
- AC Reconstruction
- RE Repair
- ROW Right-of-way Acquistion

TYPE OF IMPROVEMENTS SYMBOLS

- AS Resurfacing
 - 5 Signalization
 - SF Study

 - IL Turning Lanes
 - W Widening
 - SF Safety NATIONAL FUNCTIONAL CLASSIFICATION
 - PA Principle Arterial

 - HA Hinor Arteriat
 - C Collector

FUNDING TYPE SYMBOLS

fAl - federal Ald Interstate

TUMO NE TYPE SYMBOLS

- FAP Federal Ald Primery
- FAUS Federal Ald Urban System
- FAS Federal Ald Secondary
- FIR farm to-market
- 1 2 fitte 11
- HUD Housing and Urban Development
- SEC 3- UHIA Section)
- SEC 5- WITA Section 5
- SEC 18-IMIA Section 10
- 1662 UMIA Section 16(6)(2)
- BOR Bureau of Butdoor Recreation
- FAA Federal Arlation Administration
- 1 State Dept. of Transportation
- L Local

₹ 6 K	E WK		TOWA DOT	S. ENENT	5 - 8	LAI	IES	75E	g	TOTA	L PROJECT C	OST DISTRIBU	TION
DENTIFICATI NUMBE	SOURCE	DATE	HIGHWAY & STREET	TYPE C	PROJECT LENGTH (IN MLES)	EXISTING	PROPOSED	NATIONA FUNCTION CLASSIFICA	FUNDIN	FEDERAL	STATE	LOCAL	TOTAL
1	STIP	1977	U.S. 6 from Hickman Rd. to Douglas Ave. DSM	RS	1.0		4& 4D	MA	FAP		6,425		6,425
2	STIP	1977	Ia 163 from Hubbell to ECLB, DM	RS	2.6	48	4D	PA	FAP		85,691		85,691
3	TSM	1977	US 65 at Adventure Land Drive	S, I	-	4	4D	HA	FAP		64,071		64,071
4	TSM	1978	Ia 5 at SW 9th St., DM	1	-	4	4D	PA	FAP		200,000		200,000
5	TSM	1978	I-35 from Ia 141 to E Jct I-80 Interchange	SF	11.0	40	40	PA	FAI	363,600	40,400		404,000
6	STIP	1978	I-35 widen Des Moines River Bridges	W, RS	.13	4D	4D	PA	FAI	967,500	107,500		1,075,000
7	STIP	1978	Supplement railing barrier at Cornell Ave. & CRI & P RR bridge (WBL) on I-35	IN		40	40	PA	FAI	13,500	1,500		15,000
8	TSM	1978	US 69 from Park Ave. to King Avenue, py	1	0.3	4	6	PA	FAP	140,000	60,000		* 200,000
9	STIP		US 69 at Euclid, DM	ROW	0.4	4	14D	PA	FAP	140,000	60,000		* 200,000
10	TSM	1978	Ia 163 at Ia 46, DM	I	-	4	4D	PA	FAP	560,000	240,000		800,000
11	STIP	1978	I-80 Supplemental Railing Barrier at E 29th St. BR (WBL) DM	IN	0.5			PA	FAI	11,700	1,300		13,000
12	STIP	1978	I-235 Supplemental railing at EBL 12th St. &	DSM IN		8	8	PA	FAI	49,500	5,500		55,000
13	STIP	1978	1-235 from 10th to Keo (52 Intakes) Des Moines	RC	-	8	8	PA	FAI	61,200	6,800		68,000
14	STIP	1978	US 69 at RR Bridge N. of Des Moines River	RE	-	-	4	PA	FAP	45,000	5,000		- 50,000
15	TSM		US 6 at 86th St., Urbandale	s, I		4	14	MA	FAP/		37,500	47,500	85,000
16	TSM		US 6 at 63rd St., DM	S, I		-	140	MA	FAP/		34,500	34,500	69,000
17	TSM		US 69 at Grandview, DM	s	1	1	140	PA	FAP/ USTEP		3,500	3,500	7,000
18	TSM		US 69 at Cleveland, DM	s	1	1	40	PA	FAP7 USTEP		4,000	4,000	8,000
	A STATE OF	A PLANE	DENTIFICATION NUMBER TYPE OF IMPROVEMENTS STREET (CONTINUED)			COMME	F INPE	OVEMENTS	described the	\$20 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$1	FUNDING TYPE SYM (CONTINUED)	BOLS *-	Part of Project o

with Impro	project numbers correspond the numbers on the map of vements showing the project
Incat	lons.
PROJE	CT SOURCE DOCUMENT SYMBOLS
A.P.	- Revised 1990 Plan
TSH	- Transportation Systems
CIP	- Local Transportation Short-
	Range Capital Improvements
	Program
STI	P = State Transporta
	Improvement Prog

TYPE OF IMPROVEMENT SYMBOLS

ARS - Automatic Railroad Signals

BC - Bridge Construction

BRP - Bridge Replacement

C - Construction CH - Channellzation G - Grading 1 - Intersection Improvements IL - Intersection Lighting

IN - Installation H - Hedlans

- Reallgoment

RE - Repair

AC - Reconstruction

ROW - Right-of-way Acquisition

AS - Resurfacing S - - Signalization

ST - Study IL - Turning Lanes

w - Widening SF - Safety

NATIONAL FUNCTIONAL CLASSIFICATION SYNBOLS

PA - Principle Arterial HA - Hinor Arterial C - Collector

FUNDING TYPE SYMBOLS FAI - federal Ald Interstate

L - Local

FAP - Federal Ald Primary FAUS - Federal Ald Urban System

FAS - Federal Ald Secondary

filt - farm to-market T 2 - Iltle II

HUD - Housing and Urban Development

SEC 3- UNIA Section 3 SEC 5- UNIA Section 5

SEC 10-UMIA Section 10 1662 - UMIA Section 16(6)(2)

BOR - Bureau of Outdoor Recreation

FAA - Federal Aviation Administration 5 - State Dept. of Transportation

L - tocal

HOLE	t w K		IOMY DOL	X E	5±8	LAP	IES	TAP.	Ā	тотл	AL PROJECT (COST DISTRIB	UTION
DENTIFICA NUMBA	SOURCE DOCUMEN	DATE	HIGHWAY & STREET PROJECT LOCATION/ DESCRIPTION	TYPE OF IMPROVEMENT	PROJECT LENGTH (IN MILES)	EXISTANG	PROPOSED	NATIONA FUNCTION CLASSIFICA	FUNDANG	FEDERAL	STATE	LOCAL	TOTAL
19	TSM		U.S. 69 at Aurora, DM	S	A CARL LANGUAGE	4	4 D	PΛ	FAP/ USTEP		11,500	11,500	23,000
20	TSM	1978	Ia. 163 at E. 24th St., DM	S		4	40	PA	FAP/ USTEP		3,000	3,000	6,000
21	TSM	1978	IA. 163 at E. 15th St., DM	S		4	4 D	PA	FAP/ USTEP		3,000	3,000	6,000
22	TSM	1978	Ia. 401 at Madison, DM	S		4D	4D	MA	FAP/ USTEP		17,500	17,500	35,000
23	TSM	1978	Ia. 401 at NW 62nd & NW 59th St., Johnston	ROW, I	1	2	40	MA	FAP/ USTEP		37,500	37,500	75,000
24	TSM	1978	Safety Signing Projects at various locations in Des Moines US 6 (Merle Hay) @ Hickman US 6 (Douglas) @ Ia. 401 (Merle Hay)	Signing SF			4 4D	МЛ	FAP/ USTEP		9,000	9,000	18,000
			US 6 (Euclid) @ Harding Road		-	4	40						
			US 6 (Euclid) @ Oliver Plaza			4	4D						
			US 6 (Euclid) at 6th Ave.	, a		4	40						
			US 6 (Euclid) at Ia. 415 (2nd Ave.) US 6 (Hubbell) & E 29th US 65 US 69 (E 14th St. at Ia. 163 (University)		4	4D 4D 4						
			US 65, US 69 (E. 15th St.) @ Grand			4	4	13					
		-	Ia. 163 (Univ.) @ E. 21st St.	11.		4	4						
7			Ia. 163 (Univ.) @ Hubbell			4D	40	9			- 141-2		
-			Ia. 401 (Merle Hay) @ Aurora			40	40						
			1-235 @ 42nd St.				40						
			I-235 0 63rd St.				4D						
					1	T	I Page					Value -	1000000

These project numbers correspond with the numbers on the map of improvements showing the project locations.

PROJECT SOURCE DOCUMENT SYMBOLS

R.P. - Revised 1990 Plan

15M - Transportation Systems
Hanagement
CIP - Local Transportation ShortRange Capital Improvements
Program

STIP - State Transportation Improvement Program

TYPE OF IMPROVEMENT SYMBOLS

ARS - Automatic Railroad Signals

BC - Bridge Construction

BRP - Bridge Replacement

TYPE OF IMPROVEMENTS SYMBOLS

C - Construction

CH - Channellzation

G - Grading

GR - Gravel

1 - Intersection Improvements

IL - Intersection Lighting

IN - Installation

H - Hedlans

P - Paving

R - Reallgoment RC - Reconstruction

RE - Repair

ROV - Right-of-way Acquisition

TYPE OF IMPROVEMENTS SYMBOLS

AS - Resurfacing

5 - Signatization

St - Study

Tt - Turning tanes

V - Widening

SF - Safety

HATTOMAL FUNCTIONAL CLASSIFICATION

PA - Principle Arterial

MA - Hinor Arterial

C" - Collector

t - Local

FUNDING TYPE SYMBOLS

TAI - Tederal Ald Interstate

FUNDING TYPE SYMBOLS

TAP - Federal Ald Primary

TAUS - Federal Ald Urban System

FAS - Federal Ald Secondary

FTH - Farm-to-market

1 2 - Title II

MUD - Housing and Urban Development

SEC 3- UMIA Section 3

SEC 5- UNIA Section 5

SEC 10-UNIA Section 10

16h2 - UMTA Section 16(b) (7)

BOR - Bureau of Outdoor Recreation

FAA - Federal Aviation Administration

5 - State Dept. of Transportation

L - Local

₹ K	F W K		JOHNSTON		OF EMENT	p = 8	LAN	IES	136	9	тоти	AL PROJECT	COST DISTRIB	ИТЮН
NUMBE	SOURC BOCUME	DATE	HIGHWAY &	CRIPTION	TYPE (PROJECT LENGTH (N MLES)	EXISTING	PROPOSED	NATIONA FUNCTION CLASSIFICA	FUNDING	FEDERAL	STATE	LOCAL	TOTAL
	TSM	1978	Intersection Rebuilding-NW (Ct. at Ia.401 (Merle Hay Rd	52nd Ave/NW 59th	I/S	.2	2	4	C/A	U-Step		37,500	139,630	177,130
						N.								
			* - (.5 mile) ** - (1 mile)											
_														
	Control Company	1	IDENTIFICATION NUMBER	TYPE OF IMPROVEMENTS SYMB	ous.		TYPE O	F INPE	OVEHENTS :	YMBOLS		FUNDING TYPE ST	MBOLS	L
		with the	oject numbers correspond numbers on the map of cuts showing the project s.	C - Construction CH - Channellzation				Resur	facing			FAP - Federal		
		R.P Re	source DOCUMENT SYMBOLS extend 1990 Plan	GR - Gravel 1 - Intersection Impro	vements		SI -	Turni	ing Lanes			FAS - Federal FIH - Farm-to-	market	
		CIP - Lo	ransportation Systems Nanayement Ocal Transportation Short- onge Capital Improvements rogram	IL - Intersection Light IN - Installation	Ing		SYMBOL	AL FUI	ICTIONAL C	ASSIFICATIO	<u>) N</u>	SEC 3- UNIA Sec		ent
		n	State Transportation Improve- ment Program	H - Medians P - Paving A - Realignment			на -		Arterial			SEC 5- UNIA Sec SEC 10-UNIA Sec 1662 - UNIA Sec	tion 10	
		ARS - A	utomatic Railroad Signals	RC - Reconstruction				Local				BOR - Bureau c	of Outdoor Recreat!	
			ridge Construction ridge Replacement	RE Repair ROW - Right-of-way Acqui	sition				SYMBOLS	terstate			Aviation Administr	

No.	t w Z		PLEASANT HILL		NO.	5±8	LAN	IES.	ATON	9	тот	AL PROJECT	COST DISTRIE	BUTION
DENTIFICA	SOURCE	DATE	HIGHWAY &	STREET	TYPE OF	PROJECT LENGTH (IN MILES	EXISTING	PROPOSED	NATIONA FUNCTION CLASSIFICA	FUNDING	FEDERAL	STATË	LOCAL	TOTAL
	CIP	1978	Citywide Resurfacing Pro	ject	RS	12	-	-	L				25,000	25,000
	7.													
													250	
					7		15							
										23,00%			1	1
					- S- 45	1	1		7 14					
						-	\vdash						 	
						-	+	-						
						-	-	-						
_						-	-	-				-	<u> </u>	<u> </u>
						-	-	-	_					
							-	-		·			ļ	-
							_							
		Mariana				S. Consultation de V		1	JANA TRANSP		And the latest and th			į
mene.		PROJECT I	DENTIFICATION NUMBER	TYPE OF IMPROVEMENTS SYMB	DLS		TYPE O	F LHPI	OVEHENTS	SYMBOLS		FUNDING TYPE S	MBOLS	
		with the	Ject numbers correspond numbers on the map of	C - Construction			AS -		facing			FAP - Federal		
		locations	nts showing the project	CH - Channellzation					Ilzation				Ald Urban System	
			OURCE DOCUMENT SYMBOLS	G - Grading GR - Gravel			sr -		Ing Lanes			FAS - Federal FIM - Farm-to		
			vised 1990 Plan	I - Intersection Impro	vement s		w -	Wide	iling			T 2 - Title I		
			ansportation Systems Management ical Transportation Short	11 - Intersection Eight	Ing		SF -			LASSIFICATIO	OH	HUD - Housing	and Urban Develop	ment
		Ra	inge Capital Improvements	IN - Installation	1		SYMBOL	5				SEC 3- UNIA Sec		
			State Transportation	M - Hedlans					iple Arte			SEC 5- UHIA Sec		
			Improvement Program	P - Paving				Coll	Arterial			SEC 10-UHIA Sec		
			HPROVEHENT SYMBOLS	R - Realignment RC - Reconstruction				tori					of Outdoor Recreat	lon
			Idge Construction	RE - Repair									Aviation Administ	
			Idge Replacement	ROW - Right-of-way Acqui	sttion			-	SYMBOLS				ept. of Transporta	
				way Acqui			FAI -	Fede	rat Ald In	terstate		L - Local		

Ž	F	1	POLK COUNTY	NA SERVICE SER	5 - 8	LAN	ES	134	9	тоти	AL PROJECT (COST DISTRIB	JTION
DENTIFICAT	SOURCE	DATE	PROJECT LOCATION/ DESCRIPTION	TYPE OF IMPROVEMENT	PROJECT LENGTH (IN MLES)	EXISTING	PROPOSED	NATIONA FUNCTION CLASSIFICA	FUNDING	FEDERAL	STATE	LOCAL	TOTAL
1	CIP	1978	Hwy 69 & NE 52nd Ave.	1L		-	-		S&L		3, 200	4,800	8,000
2	CIP	1978	Hwy 5 & SE 72nd Ave.	IL		-	-	-	S&L	3	2,000	3,000	5,000
3	CIP	1978	Hwy 65 & NE 46th Ave.	IL			-	-	SEL		4,000	6,000	10,000
4	TSM	1978	McKinley Ave. from Walnut Woods to SW 63rd & SW 74th frm Ia. 5 to SW 52nd Ave.	W	1.0	2	2	АМ	FAUS	66,500		28,500	95,000
5	TSM	1978	Railroad Crossing on SE 44th Ave.	ARS		2	2	МА	т2	22,950		2,550	25,500
6	RP	1978	NE 46th Ave. frm Hwy. 415 to NE 22nd St.	RS,RC	2.0	2	2	MA	FAUS	143,500		61,500	205,000
7	RP	1978	NE 46th Ave. frm NE 22nd St. to Hwy. 65	RS	3.3	2	2	MA	FAUS	175,000		75,000	250,000
8	RP	1978	NE 46th Ave. frm Bridge over Four Mile Creek Br #6048	BRP		2	2	МА	FAUS	210,000		90,000	300,000
9	CIP	1978	NE 47th Place Bridge #5465	BRP		2	2	L	L			35,000	35,000
10	TSM	1978	k Intersection of SW 63rd St. & Park Ave.	СН		-	-	ма	FAUS	52,500		22,500	75,000
11	TSM	1978	Railroad Crossing on NE 66th Avenue	ARS		-	-	С	т2	22,950		2,550	25,500
12	TSM	1978	Railroad Crossing on NE 51st Avenue	ARS		-	-	С	т2	22,950		2,550	25,500
13	TSM	1978	Railroad Crossing on NW 58th Avenue	ARS		-	-	С	т2	22,950		2,550	25,500
							-		243				
						-							

These project numbers correspond with the numbers on the map of Improvements showing the project locations.

PROJECT SOURCE DOCUMENT SYMBOLS

- R.P. Revised 1990 Plan
- TSM Transportation Systems
- CIP Local Transportation Short-Range Capital Improvements
- STIP State Transportation Improvement Program

TYPE OF IMPROVEHENT SYMBOLS

- ARS Automatic Railroad Signals
- BC Bridge Construction
- BRP Bridge Replacement

- TYPE OF IMPROVENENTS SYMBOLS (CONTINUED)
- C Construction
- Channellzation
- G Grading
- GR Gravel
- Intersection Improvements
- IL Intersection Lighting
- -. Installation
- H Hedlans
- P Paving
- R Realignment
- RC Reconstruction RE - Repair
- ROW Right-of-way Acquisition
- FUNDING TYPE SYMBOLS

C - Collector L - Local

RS - Resurfacing

SI - Study

S - Signalization

IL - Turning Lanes

NATIONAL FUNCTIONAL CLASSIFICATION

W - Widening

SF - Safety

*-Joint Project with Des Moines. Negotiations to be made at a later date.

PA - Principle Arterial

MA - Minor Arterial

FUNDING TYPE SYMBOLS

- FAP Federal Ald Primary
- FAUS Federal Ald Urban System
- FAS Federal Ald Secondary
- FIM Farm-to-market
- T 2 Title II
- HUD Housing and Urban Development
- SEC 3- UNIA Section 3
- SEC 5- UNIA Section 5
- SEC 10-UHTA Section 10
- 1662 UHTA Section 16(6)(2)
- BOR Bureau of Outdoor Recreation
- FAA Federal Aviation Administration
- 5 State Dept. of Transportation

E B I I II		Urbandale		OF ENENT	5 x n	LA	NES	TON	g	тот	AL PROJECT (COST DISTRIB	UTION
NUMBE NUMBE PROJEC SOURCI BOCUME	DATE	HIGHWAY &	DESCRIPTION	TYPE OF IMPROVEMENT	PROJECT LENGTH (N IMLES	EXISTING	PROPOSED	NATIONA FUNCTION CLASSIFICA	FUNDIN	FEDERAL	STATE	LOCAL	TOTAL
l RP	1978	100th Street from Dennis		ROW	.15	o	4	PA	L			125,000	125,000
2 CIP	1978	Meredith Drive frm 78th	to 86th St.	G,P	.60	2	2	PA	FAUS			285,000	285,000
3 RP	1978	Meredith Drive from 67th	St. to 72nd St.	W,P	.45	2	4	PA	FAUS	90,000		40,000	130,000
4 TSM	1978	86th St. & Hickman Ave.	Int.	CH,S		4	4D	PA	FAUS U-Step		37,500 Urb	e-23,750 n-23,750	85,000
										1			
							F						
											A CONTRACTOR OF THE PARTY OF TH		
	These provides the provides of	DENTIFICATION MUMBER o)oct numbers correspond numbers on the map of onts showing the project octories of the map of course pocument sympols ovised Plan cansportation Systems Ranagement coal fransportation Short- map Capital Improvements ougram IMPROVEMENT SYMBOLS utomatic Railroad Signals ridge Construction ridge Replacement	IVPE OF IMPROVEMENTS SYM (CONTINUED) C - Construction CII - Channelization G - Grading GR - Gravel I - Intersection Import IL - Intersection Ligh IM - Installation H - Hedding R - Paving R - Realignment AC - Reconstruction AE - Repair	ovements		RS S S S S S S S S S S S S S S S S S S	(COI - Resur - Stud - Stud - Turn - Wide NAL FU - Prin - Mino - Coil - Loca	Ing Lanes Inling INCTIONAL C Ciple Arte r Arterial	LASSIFICATIO	, ph	FAS - Federal FIH - Farm-to- T 2 - Title II HUD - Housing SEC 3- UMIA Sec SEC 10-UMIA Sec 16b2 - UMIA Sec BOR - Bureau o	Ald Primary Ald Urban System Ald Secondary market and Urban Develop stion 3 stion 5	lan

ATTON EST DE	5 1 2		West Des Moines	P. S.	t + n	LAI	IE9	NAL STON	9	TOTA	AL PROJECT (COST DISTRIBU	TION
PROJ DENTIFIC NUM	SOUR	DATE	HIGHWAY & STREET PROJECT LOCATION/ DESCRIPTION	TYPE OF IMPROVEMENT	PROJECT LENGTH (IN MLES)	EXISTING	PROPOSED	NATION FUNCTIO	FUNDA	FEDERAL	STATE	LOCAL	TOTAL
1	RP	1978	35th Street Extension-Ashworth Road to Brookview	P	.09	0	4	PA	L			41,000	41,000
2	RP	1978	50th Street-Ashworth Road to y mile South	P	.45	2	2	MA	L			180,000	180,000
3	TSM	1978	8th Street at Office Park Road	s		4	4	PA	FAUS	24,500		10,500	35,000
4	TSM	1978	35th Street at University	S	-	-	_	PA	FAUS	21,000	CT1 WDM	- 4,500 - 4,500	30,000
5	TSM	1978	35th Street at Woodland Sidewalk Program - 22nd Street	S	-	+	-	PA	FAUS	24,500		10,500	35,000
6	TSM	1978	and Miscellaneous Locations	С			-	PA	L			35,000	35,000
						_							
						_	-						
						-	-			1			
						-	-						**************************************
						-	-						
						-	-						
						-	-						
		1			1		-						
						-							2.3
						1							
						1							
						T							
	2000000	Assess	DENTIFICATION NUMBER TYPE OF IMPROVEMENTS SYND			Terral Control	A LANGE	OVEHENTS			FUNDING TYPE SY		

These project numbers correspond with the numbers on the map of improvements showing the project locations.

PROJECT SOURCE DOCUMENT SYMBOLS

- A.P. Revised 1990 Plan

- 15M Transportation Systems
 Hanagement
 CIP Local Transportation ShortRange Capital Improvements
 Program

STIP - State Transportation Improvement Program

TYPE OF IMPROVEMENT SYMBOLS

- ARS Automatic Railroad Signals
- BC Bridge Construction
- BRP Bridge Replacement

TYPE OF IMPROVEMENTS SYMBOLS

- C Construction
- CH Channelization
- Grading
- GR Gravel
- Intersection Improvements
- IL Intersection Lighting
- Installation
- Hedlans
- P Paving
- Realignment
- RC Reconstruction
- RE Repair
- ROW Right-of-way Acquisition

TYPE OF IMPROVEHENTS SYMBOLS

- RS Resurfacing
- 5 Signalization
- ST Study
- It Turning tanes
- w Widening
- SF Safety NATIONAL FUNCTIONAL CLASSIFICATION SYMBOLS

- PA Principle Arterial
- HA Hinor Arterial
- C Collector
- L Local
- FUNDING TYPE SYMBOLS FAI - Federal Ald Interstate

(CONTINUED)

- FAP Federal Ald Primary
- FAUS Federal Ald Urban System
- FAS Federal Ald Secondary
- fill Farm-to-market T 2 - Iltle II
- HUD Housing and Urban Development
- SEC 3- UHIA Section 3
- SEC 5- UMTA Section 5
- SEC 10-UHTA Section 10
- 1662 UNIA Section 16(6)(2)
- BOR Bureau of Outdoor Recreation
- FAA Federal Aviation Administration
- 5 State Dept. of Transportation
- t tocal

N S	F#\$		WINDSOR HEIGHTS		MENT	p = 8	LAN	ES	136	9	тот	AL PROJECT	COST DISTRI	BUTION
DENTIFICA	SOURC	DATE	HIGHWAY &	STREET	TYPE OF IMPROVEMENT	PROJECT LENGTH (IN MLES)	EXISTING	PROPOSED	NATIONA FUNCTION CLASSIFICA	FUNDRY	FEDERAL	STATE	LOCAL	TOTAL
	CIP	1978	Resurfacing Various Stre	ets in City	RS		-	-	L	L			25,000	25,000
									- m					
_														1
_													<u> </u>	
													<u> </u>	
						-					-			
								_					<u> </u>	
_						-		_						-
						-	_	_				1		
						-	_	_						
						-	-	-					-	
						-	-						-	
							-	_						
		_					_	-	-					
							-	_						<u> </u>
							-	_						1
	Z TOTAL							and the same of th	PERMIT	CHICAGO TOPS				
			IDENTIFICATION NUMBER	TYPE OF IMPROVEMENTS SYMB	OLS		TYPE O	(CON	OVEHENTS !	SYMBOLS		FUNDING TYPE S	YMBOLS	
		with the	nject numbers correspond numbers on the map of ents showing the project	C - Construction					facing			FAP - Federal		
		location		CH - Channellzation G - Grading			s -		Ilzation			FAUS - Federal	Ald Urban System Ald Secondary	
		-	SOURCE DOCUMENT SYMBOLS	GR - Gravel					ng Lanes			FIH - Farm-to		
			evised 1990 Plan	1 - Intersection Impro	vements		w -	Wider	Ing			I 2 - Title I		
			ransportation Systems Hanagement ocal Transportation Short-	IL - Intersection Light	Ing		SF -			LASSIFICATION	OH	HUD - Housing	and Urban Develop	ment
		R.	ange Capital Improvements	IN - Installation			SYMBOL	5	Trouble ti	- Jan Hall	-	SEC 3- UNTA Se	ction)	
		STIP -	- State Transportation	M - Medians					iple Arte			SEC 5- UMTA Se		
			Insurance Program	P - Paving					Arterial			SEC 10-UNTA Se		
			IHPROVEHENT SYMBOLS	A - Realignment				Colle				1662 - UNTA Se		
			utomatic Railroad Signals	RC - Reconstruction			1 -	Local					of Outdoor Recrea	
			rldge Construction	RE - Repair			FUNDIN	G TYPE	SYMBOLS				Aviation Adminis	
			ridge Replacement	ROW - Right-of-way Acqui	sition		-		SYMBOLS	terstate			ept. of Transports	

5 a	F5		MTA CAPITAL	EXPENSES	8	n = 6	LAH	ES	WALL COTION	2	тот	AL PROJECT	COST DISTRI	BUTION
MUMBE	PROJECT SOURCE DOCUME	DATE	TRANSIT PROJECT LOCATION/	DESCRIPTION	TYPE	PROJECT LEMETH (R. MEES	EKISTAKG	180000	HATONA FLACTION CLASSIFICA	FUNDING	FEDERAL	STATE	LOCAL	TOTAL
	TOP	1978	Service and Office Cent Construction and equipm							ion 3	3,367,400		841,850	14,209,250
	TOP	1978	10 Transit Coaches - 35		\$1.11.11.11.11.11.11.11.11.11.11.11.11.1					ec. 3	660,000	1 110.004	54,996	825,000
	11.7	1978	1 Fork Lift**	1 12 Lussanjer			1	******		Sec. 3				
										or 5 sec. 3	12,000	2,000	1,000	15,000
		1978	1 Self-contained sweepe	r**			1			or 5 Sec. 3	9,200	1.532	768	11,500
		1978	1 Supervisory Van **							or 5	10,000	1,666	834	12,500
	TDP	1978	Maintenance Equipment *	•						Sec. 3 or 5	31,380	5,229	1 2,616	39,225
-	IDP	1978	Radio Modifications **							Sec. 3	4,800	799	1	1 6 000
										or 5	1,000	1 122	401	6,000
	-							, , , , , ,	 					<u> </u>
													1	
					·	1						1	1	
	-	1					• • • • • • • • • • • • • • • • • • • •	*****	· · · · · · · · · · · · · · · · · · ·	-	1	1	+	
	-	-										<u> </u>	<u> </u>	-
											12700			
	-	-			-		-	-	 					
	-) }				-		-
								<u>.</u>	1			1	1	
												The second		
Compa	A STREET	A MINISTER	describe a superior s				1	-	1		Lamenton	- Annual Control of the	No Appellantica Commission	Market Market Commencer
			IDENTIFICATION NUMBER	(CONTINUED)	BOT 2		TYPE OF	TEO	NOVEMENTS NT INUED)	2 AMBOL 2		FUNDING TYPE	SYMBOLS ED)	
		with the	oject numbers correspond . numbers on the map of ents showing the project	C - Construction			AS -	Resu	rfacing			FAP - Federa	I Ald Primary	
		location		CH - Channelization					allzation				I Ald Urban System	
		PROJECT	SOURCE DOCUMENT SYMBOLS	G - Grading				Stud					1 Ald Secondary	
		R.P K	evised 1990 Plan	GR - Gravel 1 - Intersection Impr	ovements				ing tanes			fin - farm-t		
			ransportation Systems Nanagement	IL - Intersection Ligh			SF -	Sa	fety				g and Urban Develo	ормент
		A	ocal Transportation Short- ange Capital Improvements	IN - Installation			HATTON	AL FU	HCT TOHAL	CLASSIFICAT	IOН	SEC 3- UNIA S	ection]	
			- State Transportation	M - Medians			PA -	Pr la	ciple Art	erial	-	SEC 5- UNIA S	ection 5	
			Improvement Program	P - Paving					or Arterla	1		SEC 10-UNIA S		
			INFROVEHENT SYMBOLS	A - Acalignment				toca	ector				ection 16(b)(2) of Autdoor Recre	too
			utomatic Railroad Signals , Iridge Construction	RC - Reconstruction RE - Repuir				LOCA					Aviation Admini	
			Iridge Replacement	ROW - Right-of-way Acq	utsition		1000000	A STATE OF	E SYMBOLS				Dept. of Transpor	
					-1-1-1-1-1		FAL -	Fede	eral Ald I	alerstate		1 - local		

œ	b5		MTA OPERATING EXPE	NSES	70 E	h+8	LAP	IEB	140	Q	тот	AL PROJECT	COST DISTRIB	UTION
NUMBE	SOURCE DOCUME	DATE	PROJECT LOCATION/		A TYPE MP POP	PROJECT LENGTH (N SEES	EXISTRG	INCOCOSE D	HUNCTONIA CLASSIFICA	FUNDING	FEDERAL	STATE	LOCAL	TOTAL
EES.		1978	Total Projected Operating		vecessives (42 mg	46.800.00								3,597,392
		1978	Projected Operating Reven	ie										1 1,482,986
-			Total Projected Operating		h		!			Cog 5	057 202	1 457	h 015 746	2,114,406
		1978	Total Projected Operating	IMPAIDS TOO INVENT	•	•••	•	.	******************	Sec. 5	1,057,203	41,457	1,015,746	2,114,400
								ļ						1
								1					1	
							· • · · · · ·		••••••			1	1	1
-						-	-	-				1	-	+
								 .				<u> </u>	1	
								1				1		
								i					1	
-							+	 				1-1-		1
							ļ:	!		1		<u> </u>	-	<u> </u>
								1						
								l						
	1					1		+	 		-	 		
	-	-						,						
			1					İ.,				1		
								1				1		
	-	1				1		1	1			1		
	-	-					-	.				+		-
								1_				1	1	1
								1						
	IP GEN A LE	W COLUMN							Contract Contract	NAME OF TAXABLE PARTY.		FUNDING TYPE	SYMBOLS	
			OJect numbers correspond	(CONTINUED)	1012		itre	(00	ROVEHENTS HT INUED)	21Mbot 2		(CONTIN	UEO)	
		with the	: numbers on the map of ments showing the project	C - Construction					rfacing	1.			at Ald Primary	
		location		CH - Channelization				- Stud	alization				at Ald Urban System at Ald Secondary	
		PROJECT	SOURCE DOCUMENT SYMBOLS	G - Grading GR - Gravel					Ing Lanes			FIM - Farm-		
			devised 1990 Plan	1 - Intersection Impro	ovements			- Wide				T 2 - Title	11	
			Transportation Systems Hanagement	IL - Intersection Light	ling				fety	CLASSIFICAT	ION	MIIO - Hous I	ng and Urban Develop	oment
			Local Transportation Short- Range Capital Improvements Program	IN - Installation			SYMBO	1.5				SEC 3- UNTA		
			- State Transportation	H - Hedlans					ciple Art			SEC 5- UNIA		
			Improvement Program	P - Paving R - Realignment					er Arteria			SEC 10-UMTA	Section 10 Section 16(b)(2)	
			IMPROVEMENT SYMBOLS Automatic Railroad Signals	RC - Reconstruction				- Loca					u of Outdoor Recreat	tion
			Bridge Construction	RE - Repair								FAA - Feder	al Aviation Administ	tration
			Bridge Replacement	ROW - Right-of-way Acqu	Istton		-		PE SYMBOLS	interstate			Dept. of Transports	nt lon
												t - Local		

8 5	PMP PMP		Capital Expenses		8	D×8	LA	HEB	136	9	TOTAL	PROJECT	COST DISTRIBU	JTION
NUMBER	SOURC	DATE	PARATRANSI		ž	363	8	ŝ		PUND	FEDERAL	STATE	10011	*****
8		CASH WELL	PROJECT LOCATION/I	DESCRIPTION	•		ä	1	20.0	and the salars.	FEDERAL	SINIE	LOCAL	TOTAL
			SPECIAL SERVICES TRANSPOR	TATION CORPORATION										
	TSM	1978	(2) 16-passenger vans wi	th W.C. lift and										
			2 W.C. spaces							UMTA 16b2	28,160.00		*7,040.00	35,200.00
								<u></u>						35,200.00
	TSM	1978	Vehicle Equipment		ļ		-	<u>i</u>	 ,	[3 [7	49,20			49.20
	1011					+		 	 	HUD	32.80			32.80
														82.00
	arcu.	1070			ļ		ļ	 	 	1 3	1,818.00			1 919 99
	TSM	1978	Communications				·	+		T· 7	1,212.00			1,818.00
					ļ		-	-		nov	1,212.00		 	
			H	2 1986-1			.	<u> </u> 	 					3,030.00
**	TSM	1978	15 Passenger Van for Grandparent	Foster			1	1		Actio	9,400.00			9,400.00
					 		 .	 	 					
							'							
							-	-	 					
										SCHOOL STREET				
		These pro	IDENTIFICATION HUNBER Spect numbers correspond numbers on the map of ents showing the project	(CONTINUED) C - Construction CH - Channellzation	BOL S		AS	- Res	PROVEHENTS DNT INVED) urfacing			FAP - Federa		al match pro- ed by donation om Variety Club of Iou
		PROJECT	SOURCE POCUMENT SYMBOLS	G - Grading			51						1 Ald Secondary	
			evised 1990 Plan	GR - Gravel 1 - Intersection Impr	ovements			- Tur	ning tanes ening			FTH - Farm-t		T=Title
			ransportation Systems Hanagement ocal Transportation Short-	It - Intersection Ligh			SF	- S	afety		101		g and Urban Developm	ent 1
		R.	ange Capital Improvements	IN - Installation			SYMBO	15		CLASSIFICAL	101	SEC 3- UNIA S		
		STIP -	State Transportation Improvement Program	M - Medians			HA		or Arteria			SEC 10-UNIA S		
		TYPE OF	IMPROVEMENT SYMBOLS	R - Realignment			c		lector				ection 16(b)(2)	
		ARS - A	utomatic Railroad Signals	RC - Reconstruction			ι	- Loc	at			BOR - Bureau	of Outdoor Recreat!	on
			ridge Construction ridge Replacement	RE - Repair ROW - Right-of-way Acqu	itstilon		-		PE SYMBOLS				l Aviation Administr Dept. of Transportat	

E S	525		Capital Expenses		8	Į,	ŝ	LAI	ies	THE THE	9	тот	AL PROJECT	COST DISTRIB	UTION
50.0	CERCE	DATE	PARATRANS		E	128		¥	ř	260	FUNDING	34			
Den	F.98		PROJECT LOCATION	I/ DESCRIPTION	-1	1	e.	8	è	2 2 2		FEDERAL	STATE	LÒCAL	TOTAL
10.7	TSM	1978	Iowa Methodist Medical tion services to Elderl								UMFA 16b2	16,409.60		4,102.40	20.512.00
-							****		****					1	1
-									-					+	1
															
												4.1		1	
			STATE OF A STATE OF A												
		-												-	!
														-	<u>i</u>
											7				
-		-					•								-
					ļ							-		-	-
														1	
											1				
-				**************************************	!								!		
					ļ		•••••	ļ .	ļ	 	-			-	-
													1	1	
		-					•••••	ļ	.				i		
									L						
10.10									1						
		-			-			-	!		-	 		-	-
		1											I market and the same of the s		
Market		PROJECT	IDENTIFICATION NUMBER	TYPE OF IMPROVEMENTS SYM	210			TYPE O	F IMP	ROVEHENTS	SYHBOLS		FUNDING TYPE	SYMBOLS	
		These pro	olect numbers carrespond	(CONTINUED)					(co	IT INUED)			(CONTINU)(D)	
			numbers on the map of ents showing the project	C - Construction CH - Channelization						facing			FAP - Federa		
		TOCAL TOP		G - Grading					Stud	alization				Ald Urban System	
			SOURCE DOCUMENT SYMBOLS	GR · Gravel						Ing Lanes			FTH - Farm-t		
			ransportation Systems	1 - Intersection Impro	ovements			w -	Wide	ning			T 2 - Title	11	
			Hanagement ocal Transportation Short-	IL - Intersection Light	ling			NAT LON	AL FU	HCTIONAL (LASSIFICATI	ION	HUD - Housto	ng and Urban Develop	ment 4.
		R	ange Capital Improvements rogram	IN - Installation				SYMBOL	5				SEC 3- UNTA S		
				H - Hedlans						ciple Arte			SEC 5- UNIA S		
		TYPE OF	IMPROVEMENT SYMBOLS	P - Paving R - Realignment					Coll				SEC 10-UNTA S	section 10 section 16(b)(2)	
			utomatic Railroad Signals	AC - Reconstruction					Loca					of Outdoor Recreat	ton
			ridge Construction	RE - Mepalr										Aviation Administ	
		BRP - 8	ridge Replacement	ROV - Right-of-way Acqu	Isttion				-	E SYMBOLS			S - State	Dept. of Transporta	t Ion
									rede	rel Ald to	iter state		t - Local		

5 toward		OPERATING EXPENSES	200	ច≖ត	LAH	8	136	9	TOTA	L PROJECT	COST DISTRIB	итюн
PROJEC SOURCE		PARATRANSIT PROJECT LOCATION/ DESCRIPTION	TVPE OF BENCYDURGE	PROJECT LENGTH (N: MLES)	DMLSIX3	15804004	FUNCTO CLASSIFICA	FUNDING	FEDERAL	STATE	LOCAL	TOTAL
		SPECIAL SERVICES TRANSPORTATION CORPORATION										
	1978	Personne1					***	T 7	50,975.40			50,975.40
								HUD	33,983.60			33,983.60
								CETA	6,744.00			6,744.00
												91,703.00
	1978	Transportation Expenses			$\dagger\dagger$	-		T 3	20,311.20			20,311.20
								HUD	13,540.80			13,540.80
								CETA	772.00			772.00
												34,624.00
	1978	Office Expenses						Po.Ço. Inkind			6,690.00	6,690.00
												6,690.00
	1978	Other						T 3	2,340.00			2,340.00
								HUD	1,560.00			1,560.00
												3,900.00
-				ļ								1
												1136,917.00

improvements showing the project locations.

PROJECT SOURCE DOCUMENT SYMBOLS

- R.P. Revised 1990 Plan
- TSH Transportation Systems
 Hanagement
 CIP Local Transportation ShortRange Capital Improvements
 Program

STIP=State Transportation Improvement Program

TYPE OF IMPROVEMENT SYMBOLS

- ARS Automatic Raliroad Signals
- BC Bridge Construction
- BRP Bridge Replacement

- CH Channellzation
- G Grading
- GR Gravel
- 1 Intersection Improvements
- IL Intersection Lighting
- IN Installation
- H Hedlans
- P Paving
- R Reallgoment
- AC Reconstruction RE - Repair
- ROW Right-of-way Acquisition

- S Signalization
- SI Study
- It Turning Lanes
- W Widening
- SF = Safety

NATIONAL FUNCTIONAL CLASSIFICATION SYMBOLS

- PA Principle Arterial
- HA Hinor Arterial
- C Collector
- t Local

FUNDING TYPE SYMBOLS

fAl - Federal Aid Interstate

- FAIRS Federal Ald Urban System
- FAS Federal Ald Secondary
- fin farm-to-market
- T 2 Title II
- HUD Housing and Urban Development
- SEC 3- UMIA Section)
- SEC 5- UHIA Section 5
- SEC 10-UNTA Section 10
- 1662 UHTA Section 16(h)(2)
- BOR Bureau of Outdoor Recreation
- FAA Federal Aviation Administration
- 5 State Dept. of Transportation
- L Local

5 5	W. 7		Operating Expense	A N	U±8	LA	HEB	446	9	TOTA	L PROJECT	COST DISTRIBU	TION
	SOUNCE	DATE	PARATRANSIT PROJECT LOCATION/ DESCRIPTION	TYPE OF	PROJECT LENGTH (IN MILES)	Datista:	THEOROGE !	RANCITO PLANCITO CLASSIFIC	FUNDING	FEDERAL	STATE	LOCAL	TOTAL
			SOUTHEAST PIONEER & COLUMBUS										
		1978	Personnel						*			33.707.00	33,707.00
		1978	Transportation Expenses									20,579.00	20,579.00
		1978	Office Expenses									900.00	900.00
		1978	Other .				<u>.</u>					180.00	180.00
			*Funding provided by United Way Donation										
7													
T													

These project numbers correspond with the numbers on the map of improvements showing the project locations.

PROJECT SOURCE DOCUMENT SYMBOLS

- R.P. Revised 1990 Plan
- ISH Transportation Systems
- CIP Local Transportation Short-Range Capital Improvements Program
- STIP State Transportation Improvement Program

TYPE OF IMPROVEHENT SYMBOLS

- ARS Automatic Railroad Signals
- BC Bridge Construction
- BRP Bridge Replacement

(CONTINUED)

- C Construction
- CH Channellzation
- G Grading
- GR Gravel
- 1 Intersection Improvements
- IL Intersection Lighting
- IN Installation
- M Medians
- P Paving
- Realignment
- RE Repair
- ROW Right-of-way Acquisition

(CONTINUED)

- RS Resurfacing
- 5 Signalization
- SI Study
- It Turning tanes
- SF Safety

MATIONAL FUNCTIONAL CLASSIFICATION

- PA Principle Arterial
- HA Hinor Arterial
- C Collector L - Local
- FUNDING TYPE SYMBOLS
- FAI Federal Ald Interstate

(CONTINUED)

- FAP federal Ald Primary
- FAUS Federal Ald Urban System
- FAS Federal Ald Secondary
- FIM Farm-to-market
- 1 2 Title II
- HUD Housing and Urban Development
- SEC 3- UNIA Section 3
- SEC 5- UMTA Section 5
- SEC 10-UNIA Section 10
- 1662 UMTA Section 16(6)(2)
- BOR Bureau of Outdoor Recreation
- FAA Federal Aviation Administration
- S State Dept. of Transportation
- L Local

DES MOINES URBAN AREA TRANSPORTATION POLICY COMMITTEE

Mayor Murray Drake, Chairman West Des Moines

John Andrews, Vice Chairman Polk County

Councilman Bert Aunan Clive

Mayor Richard Olson Des Moines

Councilman Archie Brooks Des Moines

Mrs. Nadean Hamilton Des Moines

Councilman Harold Neff Johnston Councilman Kent Forbes Pleasant Hill

Supervisor Richard Brannan Polk County

Mayor C. D. Millsap Windsor Heights

Irving Bradley Urbandale

* Richard Anderson
Des Moines Public Schools

* Richard L. Barr Iowa Railroad Association

* Forest Swift MTA * W. Clark Gwinn United Airlines

* Jack Hall Legal Counsel for CIRALG

* Don Anderson lowa Department of Transportation

* Leon N. Larson Federal Highway Administration

* L. C. Reinig Central Iowa Airport Authority

* Advisory Members

DES MOINES URBAN AREA TRANSPORTATION TECHNICAL COMMITTEE

Lon Hawbaker, Chairman West Des Moines

Tom Reinhard, Vice Chairman Clive

Herman Batts Des Moines

James Thompson Des Moines

Robert Mickle Des Moines

John Carpenter Iowa Department of Transportation Richard Ness Iowa Department of Transportation

Alan Collet Johnston

Phil Hildebrand Pleasant Hill

Richard Van Gundy Polk County

James McCulloh Urbandale

James Brown Windsor Heights Forest Swift

* Ed Finn Federal Highway Administration

* Chuck Donald Urban Mass Transportation Administration

* Advisory Members

CENTRAL TOWN REGIONAL ASSOCIATION OF LOCAL GOVERNMENTS

Dennis Harney

Executive Director

Brent M. Bean

Transportation Supervisor

Garry Hemphill

Associate Planner: Coordination

Helen R. Lee

Planning Technical: Research, Text

Sharon Gradischnig

Photography

Alice Musselman

Secretary





CENTRAL

REGIONAL

ASSOCIATION

OF LOCAL

GOVERNMENTS