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1986

IOWA DEPARTMENT OF TRANSPORTATION

EXPOSURE INDEX LIST

BY COMPANY AND FRA NUMBER

AT-GRADE X-INGS ONLY





## EXPOSURE INDEX

AA<sub>DT</sub> x No. Trains x Protection Factor x Angle Factor x Train Speed Factor x No. of Rail Line Factor.

AA<sub>DT</sub> - Average Annual Daily Traffic on Highway.

No. Trains - Number of through train movements plus one-half of switching movements (if value of Number of Trains equals 0, then 0.5 is assigned the Number of Trains).

Protection Factor - Factor for type of protection presently installed

Gates	0.1
Flashing Lights	0.6
Wigwags	0.8
Crossbucks	1.0
Separation	0.00001

Angle Factor - A factor to allow additional credit for crossing angle.

0-29°	= 2.0
30-59°	= 1.2
60-90°	= 1.0

Train Speed Factor - Factor to consider the typical maximum speed over crossing.

60+ mph	= 1.0
40-59 mph	= 0.9
25-39 mph	= 0.8
Less 25 mph	= 0.7

No. of Rail Line Factor - Consideration is given to No. of tracks present at crossing.

2 or more mainlines	= 1.0
1 mainline + 1 other	= 0.85
1 mainline	= 0.8
Other Track	= 0.75

Note: If exposure index rating appears as 999999.99, then one of the factors is not shown.

TABLE 3-6. EQUATIONS FOR CROSSING CHARACTERISTIC FACTORS

GENERAL FORM OF BASIC ACCIDENT PREDICTION FORMULA:  $a = K \times EI \times HT \times DT \times IIP \times MS \times IIT \times IIL$

CROSSING CHARACTERISTIC FACTORS								
CROSSING CATEGORY	FORMULA CONSTANT K	EXPOSURE INDEX FACTOR EI	MAIN TRACKS FACTOR HT	DAY THRU TRAINS FACTOR DT	HIGHWAY PAVED FACTOR IIP	MAXIMUM SPEED FACTOR MS	HIGHWAY TYPE FACTOR IIT	HIGHWAY LANES FACTOR IIL
PASSIVE	0.002268	$((c \times t + 0.2)/0.2)^{0.3334}$	$e^{0.2094mt}$	$((d + 0.2)/0.2)^{0.1336}$	$e^{-0.6160(hp-1)}$	$e^{0.0077ms}$	$e^{-0.1000(ht-1)}$	1.0
FLASHING LIGHTS	0.003646	$((c \times t + 0.2)/0.2)^{0.2953}$	$e^{0.1088mt}$	$((d + 0.2)/0.2)^{0.0470}$	1.0	1.0	1.0	$e^{0.1380(h1-1)}$
GATES	0.001088	$((c \times t + 0.2)/0.2)^{0.3116}$	$e^{0.2912mt}$	1.0	1.0	1.0	1.0	$e^{0.1036(h1-1)}$

  

<p>c = annual average number of highway vehicles per day (total both directions)</p> <p>t = average total train movements per day</p> <p>mt = number of main tracks</p> <p>d = average number of thru trains per day during daylight</p> <p>hp = highway paved, yes = 1.0, no = 2.0</p> <p>ms = maximum timetable speed, mph</p> <p>ht = highway type factor value</p> <p>h1 = number of highway lanes</p>	<p><u>HIGHWAY TYPE</u></p> <p><u>RURAL</u></p> <p>Interstate</p> <p>Other principal arterial</p> <p>Minor arterial</p> <p>Major collector</p> <p>Minor collector</p> <p>Local</p> <p><u>URBAN</u></p> <p>Interstate</p> <p>Other freeway and expressway</p> <p>Other principal arterial</p> <p>Minor arterial</p> <p>Collector</p> <p>Local</p>	<p><u>INVENTORY CODE</u></p> <p>01</p> <p>02</p> <p>06</p> <p>07</p> <p>08</p> <p>09</p> <p>11</p> <p>12</p> <p>14</p> <p>16</p> <p>17</p> <p>19</p>	<p><u>ht VALUE</u></p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p>
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**NOTICE TO ALL**  
 IN SPITE OF OUR EFFORTS, THIS DATA  
 BASE CONTAINS ERRORS. USERS  
 MUST VERIFY TO INSURE ACCURACY  
 IOWA DOT.

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
56	004954K	110390	ATSF	00234.12	FORT MADISON	0	20TH ST	200	37.0	.6	1.0	.8	1.00	3552.00
56	014956Y	048990	ATSF	00236.94	FORT MADISON	0	ORTHO RD	808	34.0	.1	1.0	1.0	1.00	2747.20
56	004957F	049000	ATSF	00238.13	FORT MADISON	1	50E 69S NW/C 14-67-5	52	32.0	.1	1.0	1.0	1.00	166.40
56	004959U	049040	ATSF	00240.50	FORT MADISON	1	50E 94S NW/C 21-67-5	120	32.0	.1	1.0	1.0	1.00	384.00
56	004960N	129720	ATSF	00000.14	FORT MADISON	1	50E NW/C 28-67-5	88	2.0	1.0	1.0	.7	.75	92.40
56	004961V	011590	ATSF	00241.39	FORT MADISON	1	75E 42S NW/C 29-67-5	100	32.0	.1	1.0	1.0	1.00	320.00
56	004966E	049090	ATSF	00248.01	FORT MADISON	1	19E 50S NW/C 9-66-6	159	32.0	.1	1.2	1.0	1.00	610.56
56	004967L	011040	ATSF	00248.23	FORT MADISON	1	65S NW/C 9-66-6	1230	32.0	.1	1.0	1.0	1.00	3936.00
56	004968T	011710	ATSF	00248.85	FORT MADISON	1	53E04S NW/C 17-66-6	90	32.0	.1	1.0	1.0	1.00	288.00
56	004971B	011580	ATSF	00251.15	FORT MADISON	1	67E 95S NW/C 13-66-7	51	32.0	.1	1.0	.9	1.00	146.88
90	062957M	118050	BN	00278.51	OTTUMWA	0	IOWA AVE	3170	26.0	.1	1.0	.9	1.00	7417.80
90	062958U	118040	BN	00279.20	OTTUMWA	0	SOUTH UNION ST.	8300	23.0	1.0	1.0	.8	1.00	152720.00
90	062959B	009270	BN	00279.38	OTTUMWA	0	JEFFERSON ST	8410	20.0	.6	1.0	.8	1.00	80736.00
90	062960V	118010	BN	00279.47	OTTUMWA	0	GREEN ST.	1270	20.0	.6	1.0	.8	1.00	12192.00
90	062961C	118000	BN	00279.60	OTTUMWA	0	MARKET ST.	9210	20.0	.6	1.0	.8	1.00	88416.00
90	062963R	136270	BN	00279.98	OTTUMWA	0	KITTERMAN AVE.	3430	20.0	.1	1.0	.8	1.00	5488.00
90	062964X	117930	BN	00280.48	OTTUMWA	0	S. CLAY ST.	1150	20.0	1.0	1.0	.8	1.00	18400.00
90	062965E	117950	BN	00280.23	OTTUMWA	0	MCLEAN ST	1080	20.0	1.0	1.0	.8	1.00	17280.00
90	062966L	117990	BN	00281.16	OTTUMWA	0	PARIS ST	200	20.0	1.0	1.0	.9	1.00	3600.00
90	062968A	051410	BN	00273.96	AGENCY	1	75S NW/C 36-72-13	350	17.0	1.0	1.0	1.0	1.00	5950.00
90	062969G	051400	BN	00273.57	AGENCY	0	HAZEL ST	90	17.0	.1	1.0	1.0	1.00	153.00
90	062970B	051390	BN	00273.20	AGENCY	1	ALPINE RD.	38	17.0	.1	1.0	1.0	1.00	64.60
90	062971H	051420	BN	00272.84	BATAVIA	1	05E 75SNW/C 31-72-12	33	17.0	.1	1.2	1.0	1.00	67.32
90	062972P	051430	BN	00271.50	BATAVIA	1	40E 90SNW/C 32-72-12	45	17.0	1.0	1.0	1.0	1.00	765.00
51	062976S	002430	BN	00266.33	BATAVIA	0	4TH ST	580	17.0	.1	1.0	1.0	1.00	986.00

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CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
90	062977Y	051450	BN	00267.90	BATAVIA	1	75S NW/C 36-72-12	60	17.0	.1	1.0	1.0	1.00	102.00
90	062978F	051440	BN	00268.90	BATAVIA	1	80S NW/C 35-72-12	20	17.0	1.0	1.0	1.0	1.00	340.00
29	063006P	095250	BN	NONE	WEST BURLINGTON	1	75E99S NW/C 29-70-03	7700	.5	.6	1.0	.7	.75	1212.75
29	063007W	129200	BN	NONE	BURLINGTON	0	AGENCY RD.	1610	.5	1.0	1.0	.7	.75	422.63
29	063008D	127300	BN	NONE	BURLINGTON	0	MT.PLEASANT	9240	.5	1.0	1.0	.7	.80	2567.20
29	063009K	094650	BN	00205.09	BURLINGTON	0	SOUTH ST.	471	25.0	1.0	1.0	.7	1.00	8242.50
29	063010E	099850	BN	00205.74	BURLINGTON	0	MAIN ST.	9005	21.0	.6	1.0	.7	1.00	79424.10
29	063012T	099860	BN	00205.81	BURLINGTON	0	S. THIRD ST	1552	21.0	.6	1.0	.7	1.00	13688.64
29	063013A	099870	BN	00205.86	BURLINGTON	0	S. 4TH ST.	1879	21.0	.6	1.0	.7	1.00	16572.78
29	063014G	099880	BN	00205.93	BURLINGTON	0	5TH ST	1800	21.0	.6	1.0	.7	1.00	15876.00
29	063016V	094670	BN	00206.06	BURLINGTON	0	7TH ST	600	21.0	.6	1.0	.7	1.00	5292.00
29	063017C	099900	BN	00206.38	BURLINGTON	0	VALLEY ST.	2400	21.0	.6	1.2	.7	1.00	25401.60
29	063018J	099910	BN	00206.13	BURLINGTON	0	8TH ST.	1490	21.0	.6	1.0	.7	1.00	13141.80
29	063019R	099920	BN	00206.21	BURLINGTON	0	JEFFERSON ST	5000	21.0	.6	2.0	.7	1.00	88200.00
29	063020K	091300	BN	00206.33	BURLINGTON	0	CENTRALWASHINGTON	6950	18.0	.6	2.0	.7	1.00	105084.00
29	063021S	091290	BN	00206.45	BURLINGTON	0	AGENCY	4470	18.0	.1	1.0	.7	1.00	5632.20
29	063023F	091310	BN	00206.53	BURLINGTON	0	LUCAS	700	18.0	.1	1.0	.7	1.00	882.00
51	063026B	109440	BN	00256.00	FAIRFIELD	0	9TH	2210	17.0	.1	1.0	1.0	1.00	3757.00
51	063027H	109430	BN	00255.92	FAIRFIELD	0	8TH	400	17.0	.1	1.0	1.0	1.00	680.00
51	063028P	109410	BN	00255.65	FAIRFIELD	0	N. 4TH ST.	2870	17.0	.1	1.0	1.0	1.00	4879.00
51	063029W	109400	BN	00255.56	FAIRFIELD	0	N. 3RD	400	17.0	.1	1.0	1.0	1.00	680.00
51	063031X	109390	BN	00255.42	FAIRFIELD	0	MAIN ST.	400	17.0	.1	1.0	1.0	1.00	680.00
51	063032E	109380	BN	00255.35	FAIRFIELD	0	COURT ST.	600	17.0	.1	1.0	1.0	1.00	1020.00
51	063033L	109370	BN	00255.29	FAIRFIELD	0	B ST.	650	17.0	.1	1.0	1.0	1.00	1105.00
51	063034T	109350	BN	00255.15	FAIRFIELD	0	D ST.	2260	17.0	.1	1.0	1.0	1.00	3842.00



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44	063035A	115800	BN	00233-67	MOUNT PLEASANT	0	WHITE ST.	500	17.0	.1	1.0	1.0	1.00	850.00
44	063036G	040830	BN	00233-54	MOUNT PLEASANT	0	BROADWAY	3500	17.0	.1	1.0	1.0	1.00	5950.00
44	063037N	013200	BN	00233-43	MOUNT PLEASANT	0	MAIN ST.	400	17.0	.1	1.0	1.0	1.00	680.00
44	063038V	115790	BN	00233-35	MOUNT PLEASANT	0	ADAMS ST.	4200	17.0	.1	1.0	1.0	1.00	7140.00
44	063039C	115780	BN	00233-28	MOUNT PLEASANT	0	LINCOLN ST.	1770	17.0	.1	1.0	1.0	1.00	3009.00
44	063040W	115770	BN	00233-01	MOUNT PLEASANT	0	LEE ST.	400	17.0	.1	1.0	1.0	1.00	680.00
44	063041D	115760	BN	00232-79	MOUNT PLEASANT	0	CHERRY ST.	1060	17.0	.1	1.0	1.0	1.00	1802.00
77	063154J	139480	BN	00068-18	DES MOINES	0	SW 11TH	1257	.5	1.0	1.2	.7	.75	395.96
88	063195N	105010	BN	00000-72	CRESTON	0	HOWARD ST	1040	.5	1.0	1.0	.7	.85	309.40
88	063196V	105020	BN	00000-90	CRESTON	0	ASH ST	244	.5	1.0	1.2	.7	.80	81.98
88	063199R	004190	BN	00393-18	CRESTON	0	ELM ST	4600	25.0	.1	1.0	.8	1.00	9200.00
88	063200H	104990	BN	00393-40	CRESTON	0	NEW YORK AVE	2560	25.0	.1	1.2	.8	1.00	6144.00
63	063207F	112140	BN	00032-67	KNOXVILLE	0	ROCHE	1920	3.0	.1	1.0	.8	.80	368.64
63	063208M	112150	BN	00032-61	KNOXVILLE	0	FIRST	475	3.0	1.0	1.0	.8	.80	912.00
63	063209U	136280	BN	00032-59	KNOXVILLE	0	ALLEY	50	3.0	.6	1.0	.8	.80	999999.99
63	063210A	112160	BN	00032-54	KNOXVILLE	0	SECOND	520	3.0	1.0	1.0	.8	.80	998.40
63	063211V	112170	BN	00032-47	KNOXVILLE	0	THIRD	640	3.0	1.0	1.0	.8	.80	1228.80
63	063214R	112200	BN	00031-82	KNOXVILLE	0	E. MARION	125	3.0	1.0	1.2	.8	.80	288.00
68	063215X	011770	BN	00000-46	ALBIA	0	70E60S NW/C 16-72-17	2970	3.0	.6	2.0	.8	.80	6842.88
68	063218T	048490	BN	00000-06	ALBIA	0	C AVE W	350	3.0	1.0	1.2	.8	.80	806.40
68	063219A	090190	BN	00304-07	ALBIA	0	D ST N	320	11.0	.6	1.0	1.0	1.00	2112.00
68	063221B	097460	BN	00303-59	ALBIA	0	3RD ST	384	11.0	.6	1.0	.9	.80	1824.77
68	063223F	097450	BN	00303-47	ALBIA	0	5TH ST.	384	11.0	1.0	1.0	1.0	.80	3379.20
68	063224W	011860	BN	00303-20	ALBIA	0	E BENTON	740	9.0	.1	1.0	.9	.80	479.52
68	063225D	097430	BN	00303-25	ALBIA	0	N EIGHT	70	11.0	1.0	1.0	1.0	.80	616.00

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68	063226K	040750	BN	00303.55	ALBIA	0	S 13ST	490	9.0	.1	1.2	.9	.80	381.02
68	063227S	094960	BN	00303.59	ALBIA	0	4TH AVE E	96	9.0	.1	1.0	.9	.80	62.21
56	063230A	110430	BN	00199.56	FORT MADISON	0	35TH	600	4.0	1.0	1.0	.8	.80	1536.00
56	063231G	110420	BN	00199.74	FORT MADISON	0	33ST	1300	4.0	1.0	1.0	.8	.85	3536.00
56	063232N	022710	BN	00200.28	FORT MADISON	0	27TH	1370	4.0	.6	1.0	.8	.80	2104.32
56	063233V	110410	BN	00200.53	FORT MADISON	0	23RD	340	4.0	.6	1.0	.8	.80	522.24
56	063234C	110400	BN	00200.80	FORT MADISON	0	21ST	300	5.0	1.0	1.0	.8	.80	960.00
56	063235J	110380	BN	00200.88	FORT MADISON	0	20TH	2930	5.0	1.0	1.0	.8	.80	9376.00
56	063236R	110370	BN	00200.97	FORT MADISON	0	19TH	300	5.0	.1	1.0	.8	.85	102.00
56	063240F	110360	BN	00201.04	FORT MADISON	0	18TH	1600	4.0	.1	1.0	.8	.85	435.20
56	063243B	110230	BN	00201.99	FORT MADISON	0	9TH	300	5.0	1.0	1.0	.8	.85	1020.00
56	063244H	045870	BN	00202.28	FORT MADISON	0	6TH	490	5.0	.1	1.0	.7	1.00	171.50
56	063246W	091340	BN	00202.69	FORT MADISON	0	2ND	3330	5.0	.6	1.0	.7	.80	5594.40
56	063251T	136860	BN	NONE	FORT MADISON	0	G AVE	2450	.5	.6	1.2	.7	.75	999999.99
56	063252A	136290	BN	NONE	FORT MADISON	0	1ST	600	.5	.6	1.2	.7	.75	999999.99
56	063254N	110240	BN	00201.75	FORT MADISON	0	11TH ST & I AVE	350	.5	.1	1.2	.7	.75	999999.99
56	063256C	094840	BN	00000.10	FORT MADISON	0	AVE Q	700	.5	1.0	1.0	.7	.85	208.25
56	063257J	094850	BN	00000.20	FORT MADISON	0	AVE O	500	.5	1.0	1.0	.7	.75	131.25
56	063308S	094860	BN	00000.30	FORT MADISON	0	AVE N	1100	.5	1.0	1.0	.7	.75	288.75
56	063309Y	129600	BN	00000.35	FORT MADISON	0	US 61	9020	.5	1.0	1.2	.7	.75	2841.30
56	063310T	094870	BN	00000.40	FORT MADISON	0	L AVE	1500	.5	1.0	1.0	.7	.75	393.75
29	063327W	006520	BN	00214.92	MIDDLETOWN	0	BOUNDARY ST.	867	17.0	.1	1.0	1.0	1.00	1473.90
29	063328D	026950	BN	00218.36	DANVILLE	1	22E50S NW/C 15-70-4	70	17.0	1.0	1.0	1.0	1.00	1190.00
29	063329K	026940	BN	00218.72	DANVILLE	0	MAIN	835	17.0	.1	1.0	1.0	1.00	1419.50
44	063340K	032080	BN	00224.90	NEW LONDON	0	N. CHESTNUT ST.	835	17.0	.1	1.0	1.0	1.00	1419.50

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51	063342Y	048600	BN	00243.83	LOCKRIDGE	0	CENTER ST	320	17.0	.1	1.0	1.0	1.00	544.00
77	063369H	107200	BN	00067.82	DES MOINES	0	SW 6TH ST	1059	.5	1.0	1.0	.7	.75	277.99
77	063370C	139520	BN	00067.75	DES MOINES	0	SW 5TH ST	7233	.5	1.0	1.0	.7	.75	1898.66
77	063371J	139540	BN	00067.69	DES MOINES	0	SW 4TH ST	4900	.5	1.0	1.0	.7	.75	1286.25
77	063372R	107170	BN	00067.62	DES MOINES	0	SW 3RD ST	3198	.5	1.0	1.0	.7	.75	839.48
77	063373X	107140	BN	00067.54	DES MOINES	0	SW 2ND ST	1614	.5	1.0	1.0	.7	.85	480.17
77	063379N	107070	BN	00067.16	DES MOINES	0	SE 4TH ST	1059	.5	1.0	1.0	.7	.85	315.05
77	063380H	107050	BN	00067.09	DES MOINES	0	SE 5TH ST	1309	3.0	1.0	1.0	.7	.85	2336.57
77	063381P	091530	BN	00067.01	DES MOINES	0	SE 6TH ST	6267	5.0	.6	1.0	.7	.80	10528.56
77	063382W	107000	BN	00066.93	DES MOINES	0	SE 7TH ST	516	5.0	1.0	1.0	.7	.85	999999.99
77	063383D	107010	BN	00066.86	DES MOINES	0	SE 8TH ST	516	5.0	1.0	1.0	.7	.85	1535.10
77	063384K	107020	BN	00066.79	DES MOINES	0	SE 9TH ST	57	5.0	1.0	1.0	.7	.85	169.58
77	063388M	106490	BN	00066.19	DES MOINES	0	SCOTT AVE AND ASTOR	5300	5.0	1.0	1.0	.7	.80	14840.00
77	063390N	106510	BN	00065.90	DES MOINES	0	SE 18TH ST	2090	5.0	1.0	1.0	.7	.80	5852.00
77	063391V	106520	BN	00065.70	DES MOINES	0	MAURY	5020	5.0	1.0	2.0	.7	.85	29869.00
77	063392C	106520	BN	NONE	DES MOINES	0	MAURY	5020	1.0	1.0	1.2	.7	.75	999999.99
77	063394R	094610	BN	00065.55	DES MOINES	0	SE21TH	184	5.0	1.0	1.0	.7	.85	547.40
77	063397L	106620	BN	00064.05	DES MOINES	0	VANDALIA RD	6360	8.0	.6	1.0	.7	.80	17095.68
77	063398T	094630	BN	00063.95	DES MOINES	0	CARLISLE AT VANDALIA	348	8.0	1.0	1.0	.7	.80	1559.04
77	063401Y	094640	BN	00062.58	DES MOINES	0	CARLISLE RD	348	16.0	1.0	1.2	.7	.80	3741.70
77	063402F	008640	BN	00062.50	DES MOINES	1	S.E. 43RD	5560	6.0	1.0	1.2	.7	.75	21016.80
63	063403M	013970	BN	00033.19	KNOXVILLE	0	LINCOLN	10200	3.0	.6	1.0	.8	.80	11750.40
63	063404U	112220	BN	NONE	KNOXVILLE	0	LINCOLN	10200	.5	1.0	1.0	.7	.75	999999.99
63	063406H	112230	BN	00033.13	KNOXVILLE	0	MCKINLEY	350	.5	1.0	1.0	.7	.75	91.88
63	063407P	112090	BN	NONE	KNOXVILLE	0	MCKINLEY	350	.5	1.0	1.0	.7	.80	98.00



EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
63	063408W	112100	BN	00033.02	KNOXVILLE	0	SHERMAN	230	3.0	1.0	1.0	.8	.80	441.60
63	063409D	112240	BN	00032.97	KNOXVILLE	0	GRANT	920	.5	1.0	1.0	.7	.75	241.50
63	063410X	112110	BN	NONE	KNOXVILLE	0	GRANT	920	.5	1.0	1.0	.7	.80	257.60
63	063411E	112120	BN	00032.78	KNOXVILLE	0	KENT	750	3.0	1.0	1.0	.8	.85	1530.00
63	063414A	095180	BN	NONE	KNOXVILLE	0	N. DEPOT	250	.5	.6	1.0	.7	.75	999999.99
63	063417V	112130	BN	00032.72	KNOXVILLE	0	HARLAN	50	3.0	1.0	1.0	.8	.85	102.00
36	063431R	029330	BN	00025.86	FARRAGUT	1	NEW ORLEANS AVE	49	.5	1.0	1.0	.7	.80	13.72
36	063432X	029340	BN	00025.63	FARRAGUT	0	HARTFORD AVE	1285	.5	1.0	1.0	.7	.85	382.29
36	063433E	109630	BN	00025.38	FARRAGUT	0	JACKSON AVE	219	.5	1.0	1.0	.8	.80	70.08
36	063437G	029350	BN	00024.30	FARRAGUT	1	40E NW/C 8-68-40	176	.5	1.0	1.2	.8	.80	67.58
36	063438N	029360	BN	00023.36	FARRAGUT	1	60S NW/C 34-69-40	10	.5	1.0	1.0	.8	.80	3.20
36	063439V	029370	BN	00021.90	SHENANDOAH	1	30E NW/C 35-69-40	1540	.5	.6	1.2	.8	.80	354.82
36	063441W	029380	BN	00021.18	SHENANDOAH	1	60S NW/C 25-69-40	770	.5	1.0	1.0	.8	.80	246.40
36	063445Y	029390	BN	00020.01	SHENANDOAH	1	96E NW/C 25-69-40	1826	.5	1.0	1.2	.8	.80	701.18
73	063446F	014380	BN	00019.94	SHENANDOAH	0	96S NW/C 19-69-39	4620	.5	.6	1.2	.8	.80	1064.45
73	063447M	094810	BN	00019.45	SHENANDOAH	0	6TH AVE	625	.5	1.0	1.0	.8	.85	212.50
73	063448U	120320	BN	00019.32	SHENANDOAH	0	WEST THOMAS AVE	2560	.5	1.0	1.0	.7	.85	761.60
73	063449B	011960	BN	00019.24	SHENANDOAH	0	W. SHERIDAN AVE	7010	.5	1.0	1.0	.7	.85	2085.48
73	063450V	120330	BN	00019.17	SHENANDOAH	0	WEST VALLEY AVE	1655	.5	1.0	1.0	.8	.85	562.70
73	063451C	120340	BN	00018.72	SHENANDOAH	0	WEST FERGUSON RD	2660	.5	1.0	1.0	.7	.85	771.35
73	063454X	050510	BN	00018.30	SHENANDOAH	1	70S NW/C 17-69-39	136	.5	1.0	1.2	.8	.80	52.22
73	063458A	050500	BN	00016.66	SHENANDOAH	1	25S NW/C 9-69-39	58	.5	1.0	1.2	.8	.80	22.27
73	063460B	050490	BN	00015.88	ESSEX	1	50E75S NW/C 4-69-39	58	.5	1.0	1.2	.8	.80	22.27
73	063465K	109160	BN	00013.70	ESSEX	1	CO. RD-S. ST.	150	.5	1.0	1.0	.8	.80	48.00
73	063467Y	094830	BN	00013.27	ESSEX	0	BRLNGTN ST CORD H	686	.5	1.0	1.0	.8	.85	233.24



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
73	063468F	050480	BN	00013.15	ESSEX	0	NORTH ST	45	.5	1.0	1.0	.8	.85	15.30
56	063833X	049600	BN	00000.70	KEOKUK	0	MISSOURI AVE	100	1.0	1.0	1.2	.7	.80	67.20
56	063835L	049620	BN	00001.10	KEOKUK	0	HILTON RD-DES MOINES	430	1.0	1.0	2.0	.7	.80	481.60
56	063838G	049630	BN	NONE	KEOKUK	0	JOHNSTON ST. ROAD	3480	1.0	.6	1.0	.7	.80	1169.28
56	063839N	049640	BN	00003.30	KEOKUK	0	CARBIDE LANE	1200	1.0	1.0	1.0	.7	.80	672.00
97	064025X	127330	BN	00221.08	SIoux CITY	0	SOUTH OF 28TH ST	15500	9.0	1.0	1.2	.7	.75	999999.99
97	064026E	120580	BN	00222.17	SIoux CITY	0	18TH ST.	3410	9.0	1.0	1.0	.7	.75	16112.25
97	064027L	127240	BN	00222.40	SIoux CITY	0	N. OF 14TH	16700	9.0	.6	1.2	.7	.75	56813.40
97	064029A	120590	BN	00222.70	SIoux CITY	0	11TH ST	5700	9.0	.1	1.0	.7	.85	3052.35
97	064030J	120610	BN	00222.96	SIoux CITY	0	7TH ST	300	9.0	1.0	1.0	.7	.85	1606.50
97	064031B	094910	BN	00223.10	SIoux CITY	0	6TH ST	7920	9.0	.6	1.0	.7	.75	22453.20
97	064032H	120620	BN	00223.10	SIoux CITY	0	4TH ST.	7360	9.0	.1	1.0	.7	.75	3477.60
97	064033P	120970	BN	00222.88	SIoux CITY	0	DIVISION ST.	7500	7.5	1.0	1.0	.7	.75	29531.25
97	064034W	120970	BN	00222.91	SIoux CITY	0	DIVISION ST.	50	7.5	1.0	1.0	.7	.75	196.88
97	064037S	120630	BN	NONE	SIoux CITY	0	3RD ST.	400	9.0	.6	1.0	.7	.75	1134.00
97	064038Y	120630	BN	NONE	SIoux CITY	0	3RD ST	400	7.5	.6	1.2	.7	.75	1134.00
97	064039F	094880	BN	NONE	SIoux CITY	0	PAVONIA	1070	7.5	1.0	1.0	.7	.75	4213.13
97	064040A	121010	BN	NONE	SIoux CITY	0	CHAMBERS ST	2000	7.5	1.0	1.0	.7	.75	7875.00
97	064041G	094920	BN	NONE	SIoux CITY	0	MORGAN	1100	7.5	1.0	1.0	.7	.75	999999.99
97	064044C	120890	BN	NONE	SIoux CITY	0	STEBEN	600	7.5	1.0	1.0	.7	.75	2362.50
97	064045J	120880	BN	NONE	SIoux CITY	0	STEBEN ST.	600	7.5	1.0	1.0	.7	.75	2362.50
97	064046R	120880	BN	NONE	SIoux CITY	0	STEBEN ST	600	7.5	1.0	1.0	.7	.75	2362.50
97	064048E	121090	BN	NONE	SIoux CITY	0	DACE AVE	2750	1.0	1.0	1.0	.7	.75	1443.75
97	064059S	137950	BN	NONE	SIoux CITY	0	CUNNINGHAM	5090	.5	1.0	1.2	.7	.75	1603.35
97	064070S	140220	BN	00107.67	SIoux CITY	0	LEECH AVE	11400	5.0	.6	1.0	.7	.80	19152.00

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
36	064234F	096950	BN	NONE	HAMBURG	1	75E50SNW/C34-68-43	33	.5	1.0	1.0	.7	.75	8.66
75	067326D	055170	BN	00216-35	SIoux CITY	1	85E 95SNW/C 30-90-46	710	6.0	.6	1.0	.9	.80	1840.32
75	067334V	133810	BN	00212-76	HINTON	0	MAIN ST.	1810	6.5	.1	1.0	.9	.85	900.02
75	067335C	092890	BN	00212-60	HINTON	0	MAPLE ST.	219	6.5	1.0	1.0	.9	.85	1088.98
75	067339E	055150	BN	00210-61	HINTON	1	51E 50SNW/C 33-91-46	6	6.0	1.0	1.0	.9	.80	25.92
75	067347W	034930	BN	00206-25	MERRILL	1	20E 45SNW/C 11-91-46	7410	6.0	.6	2.0	.9	.80	38413.44
75	067348D	094490	BN	00205-98	MERRILL	0	DOUGLAS ST	342	6.0	1.0	1.0	.9	.80	1477.44
75	067349K	014470	BN	00205-92	MERRILL	0	MAIN ST	878	6.0	.6	1.0	.9	.80	2275.78
75	067350E	094500	BN	00205-86	MERRILL	0	CALHOUN ST	219	6.0	1.0	1.0	.9	.85	1005.21
75	067353A	054920	BN	00203-89	MERRILL	1	39E NW/C 35-92-46	560	6.0	.6	1.0	.9	.80	1451.52
75	067354G	054910	BN	00202-79	LE MARS	1	80E NW/C 26-92-46	36	6.0	1.0	1.0	.9	.80	155.52
75	067357C	007860	BN	00200-67	LE MARS	1	49E NW/C 13-92-46	1440	6.0	.6	1.0	.9	.80	3732.48
84	067358J	120500	BN	00180-17	SIoux CENTER	0	3RD ST NW	2297	6.5	.6	1.0	.9	.85	6853.10
84	067359R	056320	BN	00180-11	SIoux CENTER	0	4TH ST NW	305	6.5	1.0	1.0	.9	.85	1516.61
84	067360K	056310	BN	00179-85	SIoux CENTER	0	7TH ST NW	2000	6.5	.1	1.0	.9	.85	994.50
84	067362Y	056300	BN	00178-74	SIoux CENTER	1	60E NW/C 32-96-45	52	6.0	1.0	1.2	.9	.80	269.57
84	067363F	056290	BN	00177-72	SIoux CENTER	1	50E NW/C 29-96-45	45	6.0	1.0	1.0	.9	.85	206.55
84	067364M	056280	BN	00176-75	SIoux CENTER	1	50E NW/C 20-96-45	588	6.0	.6	1.0	.9	.80	1524.10
84	067365U	056270	BN	00175-73	SIoux CENTER	1	50E NW/C 17-96-45	35	6.0	1.0	1.0	.9	.80	151.20
84	067366B	056260	BN	00174-73	HULL	1	50E NW/C 08-96-45	110	6.0	1.0	1.0	.9	.80	475.20
84	067367H	056250	BN	00173-73	HULL	1	50E NW/C 5-96-45	23	6.0	1.0	1.0	.9	.80	99.36
84	067368P	056240	BN	00172-72	HULL	1	49E NW/C 32-97-45	100	6.0	1.0	1.0	.9	.80	432.00
84	067371X	056230	BN	00170-69	HULL	1	75E NW/C 20-97-45	60	6.0	.6	1.0	.9	.80	155.52
84	067373L	056220	BN	00169-35	HULL	1	45E NW/C 16-97-45	50	6.0	1.0	1.0	.9	.80	216.00
31	070038M	107810	BN	NONE	DUBUQUE	0	3RD	1200	1.0	1.0	1.2	.7	.75	756.00

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
31	070046E	107820	BN	NONE	DUBUQUE	0	E. 6TH ST	1300	1.0	1.0	1.0	.7	.85	773.50
97	070182E	120570	BN	00219.03	SIoux CITY	0	46TH ST.	830	6.0	1.0	1.2	.7	.80	3346.56
97	070185A	081530	BN	00219.47	SIoux CITY	0	GRANT ST	50	.5	1.0	1.0	.7	.80	14.00
97	070186G	120770	BN	00219.74	SIoux CITY	0	TYLER ST	1990	6.0	1.0	1.0	.7	.80	6686.40
97	070188V	094900	BN	00221.06	SIoux CITY	0	31ST ST.	1110	25.0	1.0	1.2	.7	.85	19813.50
56	072381N	111920	BN	00177.71	KEOKUK	0	BANK	400	6.0	1.0	1.0	.7	.85	1428.00
56	072382V	049670	BN	00000.05	KEOKUK	0	FIFTH	2200	.5	1.0	1.2	.7	.80	739.20
56	072383C	049680	BN	00000.20	KEOKUK	0	FOURTH	1510	.5	1.0	2.0	.7	.75	792.75
56	072384J	049690	BN	00000.43	KEOKUK	0	PALEAN	200	.5	1.0	1.0	.7	.75	52.50
56	072385K	049700	BN	00000.50	KEOKUK	0	DES MOINES	300	.5	1.0	1.0	.7	.75	78.75
56	072386X	049710	BN	00000.57	KEOKUK	0	TIMEA	400	.5	1.0	1.0	.7	.85	119.00
56	072387E	049510	BN	00000.67	KEOKUK	0	BANK & 4TH	1400	.5	1.0	1.2	.7	.75	441.00
56	072388L	049520	BN	00000.76	KEOKUK	0	EXCHANGE & 5TH	2800	.5	1.0	1.2	.7	.75	882.00
56	072389T	049530	BN	00000.85	KEOKUK	0	6TH	1730	.5	1.0	1.0	.7	.75	454.13
56	072527E	065630	BN	00177.94	KEOKUK	0	MAIN	1230	6.0	1.0	1.0	.7	1.00	5166.00
36	072939S	126500	BN	00039.43	HAMBURG	0	MAIN ST.	800	.5	1.0	1.0	.7	.85	238.00
36	072940L	042680	BN	00039.24	HAMBURG	0	WASHINGTON	35	.5	1.0	1.2	.7	.85	12.50
36	072984L	126520	BN	00038.96	HAMBURG	0	LIBBY	219	.5	1.0	1.0	.7	.75	57.49
36	072985T	126530	BN	00038.63	HAMBURG	0	"D" ST	219	.5	1.0	1.0	.7	.85	55.15
36	072986A	012880	BN	00038.55	HAMBURG	0	"E" ST.	1550	.5	1.0	1.0	.7	.80	434.00
65	073079C	050200	BN	00002.33	PACIFIC JUNCTION	1	35S NW/C 30-72-43	70	16.0	1.0	1.0	1.0	.80	896.00
65	073080W	050210	BN	00001.29	PACIFIC JUNCTION	1	01S NW/C 29-72-43	20	16.0	1.0	1.0	1.0	.80	256.00
65	073083S	014030	BN	00000.29	PACIFIC JUNCTION	0	ALDEN AVE	340	16.0	1.0	1.0	.9	.85	4161.60
78	073093X	137080	BN	00493.00	COUNCIL BLUFFS	0	8TH AVE	150	.5	1.0	1.0	.7	.75	39.38
78	073094E	137090	BN	00493.00	COUNCIL BLUFFS	0	7TH AVE	120	.5	1.0	1.0	.7	.75	31.50



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
78	073095L	137100	BN	00493-00	COUNCIL BLUFFS	0	6TH AVE	310	.5	1.0	1.0	.7	.75	81.38
78	073096T	137110	BN	00493-00	COUNCIL BLUFFS	0	3RD AVE	170	.5	1.0	1.0	.7	.75	44.63
78	073097A	137120	BN	00493-00	COUNCIL BLUFFS	0	2ND AVE	2700	.5	1.0	1.0	.7	.75	708.75
73	073657E	050470	BN	00009-12	COBURG	1	85E NW/C 12-70-39	30	.5	1.0	1.0	.8	.80	9.60
69	073661U	039130	BN	00007-10	COBURG	0	H-54	130	.5	1.0	1.0	.8	.85	44.20
69	073662B	103290	BN	00007-01	COBURG	0	SHERIDAN	487	.5	1.0	1.0	.8	.85	165.58
69	073664P	039120	BN	00005-05	COBURG	1	60E NW/C 19-71-38	90	.5	1.0	1.0	.8	.80	28.80
69	073665W	039110	BN	00004-03	RED OAK	1	81E NW/C 18-71-38	5	.5	1.0	1.0	.8	.80	1.60
69	073674V	132930	BN	00000-95	RED OAK	0	COOLBAUGH	440	.5	1.0	1.0	.7	.80	123.20
69	073676J	014190	BN	00001-53	RED OAK	0	OAK ST.	1840	.5	.6	1.0	.7	.80	309.12
69	073678X	026180	BN	00002-16	RED OAK	1	75E36S NW/C 20-72-38	2840	.5	.6	1.0	.7	.80	477.12
69	073680Y	036950	BN	NONE	RED OAK	1	02S NW/C 21-72-38	1940	.5	.6	1.0	.7	.75	305.55
69	073684B	014200	BN	00003-49	RED OAK	1	05S NW/C 16-72-38	2680	.5	.6	1.0	.8	.80	514.56
69	073692T	039090	BN	00007-28	RED OAK	1	60E NW/C 34-73-38	44	.5	1.0	1.0	.7	.80	12.32
69	073693A	039080	BN	00007-32	RED OAK	1	65E75S NW/C 27-73-38	180	.5	1.0	2.0	.7	.80	100.80
69	073702W	039060	BN	00011-17	ELLIOTT	1	50E90S NW/C 12-73-38	120	.5	1.0	1.0	.8	.80	38.40
69	073704K	014210	BN	00012-08	ELLIOTT	1	64E NW/C 12-73-38	1030	.5	.6	1.0	.8	.80	197.76
69	073705S	108960	BN	00012-26	ELLIOTT	0	FIFTH ST	392	.5	1.0	1.0	.7	.85	116.62
69	073706Y	108950	BN	00012-37	ELLIOTT	0	MAIN ST	1299	.5	1.0	1.0	.7	.85	386.45
69	073707F	039050	BN	00013-05	ELLIOTT	1	75E NW/C 1-73-38	36	.5	1.0	1.0	.7	.80	10.08
78	073710N	050990	BN	00014-04	ELLIOTT	1	80E NW/C 36-74-38	50	.5	1.0	1.0	.8	.80	16.00
15	073712C	021280	BN	00015-05	GRISWOLD	1	05S NW/C 30-74-37	21	.5	1.0	2.0	.8	.80	13.44
15	073713J	021290	BN	00015-08	GRISWOLD	1	01E NW/C 30-74-37	5	.5	1.0	1.0	.8	.80	1.60
15	073714R	021300	BN	00015-60	GRISWOLD	1	15E50S NW/C 19-74-37	5	.5	1.0	1.0	.8	.80	1.60
15	073719A	021310	BN	00017-94	GRISWOLD	1	85E20S NW/C 7-74-37	50	.5	1.0	1.0	.8	.80	16.00

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
15	073720U	094740	BN	00018.27	GRISWOLD	0	FIFTH ST	392	.5	1.0	1.0	.7	.85	116.62
15	073723P	094750	BN	00046.88	CUMBERLAND	0	MONROE ST.	342	.5	1.0	1.0	.7	.85	999999.99
15	073724W	006120	BN	00046.45	CUMBERLAND	1	50E NW/C 27-75-35	90	.5	1.0	1.2	.7	.80	30.24
15	073725D	021640	BN	00045.96	CUMBERLAND	1	89S NW/C 23-75-35	20	.5	1.0	1.0	.7	.80	5.60
15	073726K	021650	BN	00045.17	CUMBERLAND	1	75E NW/C 26-75-35	50	.5	1.0	1.0	.7	.80	14.00
15	073727S	021660	BN	00044.82	CUMBERLAND	1	10S NW/C 25-75-35	30	.5	1.0	1.0	.7	.80	8.40
15	073728Y	021670	BN	00043.77	MASSENA	1	50S NW/C 30-75-34	25	.5	1.0	1.0	.7	.80	7.00
15	073729F	006110	BN	00042.97	MASSENA	1	59E NW/C 31-75-34	1260	.5	.6	1.0	.7	.80	211.68
15	073730A	021680	BN	00042.50	MASSENA	1	25S NW/C 32-75-34	41	.5	1.0	1.0	.7	.80	11.48
15	073732N	132880	BN	00041.08	MASSENA	0	FIRST ST	244	.5	1.0	1.2	.7	.80	81.98
15	073733V	094760	BN	00041.03	MASSENA	0	MAIN ST.	342	.5	1.0	1.0	.7	.85	101.75
15	073735J	021700	BN	00039.40	MASSENA	1	52S NW/C 35-75-34	30	.5	1.0	1.0	.7	.80	8.40
15	073736R	021710	BN	00038.27	MASSENA	1	10S NW/C 36-75-34	65	.5	1.0	1.0	.7	.80	18.20
01	073743B	015570	BN	00035.93	BRIDGEWATER	1	80S NW/C 32-75-33	26	.5	1.0	1.2	.7	.80	8.74
01	073744H	015560	BN	00035.25	BRIDGEWATER	0	MAIN ST.	50	.5	1.0	1.0	.7	.85	14.88
01	073745P	099710	BN	00035.12	BRIDGEWATER	1	CO. TK. C. MAPLE ST.	81	.5	1.0	1.0	.7	.85	24.10
01	073747D	015550	BN	00033.77	BRIDGEWATER	1	50S NW/C 34-75-33	61	.5	1.0	1.2	.7	.80	20.50
01	073750L	005610	BN	00032.92	FONTANELLE	1	50E NW/C 34-75-33	50	.5	1.0	1.2	.7	.80	16.80
01	073752A	023890	BN	00031.39	FONTANELLE	1	75E NW/C 26-75-33	40	.5	1.0	1.0	.7	.80	11.20
01	073755V	015620	BN	00029.74	FONTANELLE	1	20S NW/C 19-75-32	24	.5	1.0	1.0	.7	.80	6.72
01	073759X	109690	BN	00028.73	FONTANELLE	0	WEST WASHINGTON	1570	.5	.6	1.0	.7	.85	280.25
88	073760S	051090	BN	00000.45	CRESTON	1	TOWNLINE ST	540	.5	1.0	1.0	.7	.80	151.20
88	073762F	051080	BN	00002.56	CRESTON	1	75E NW/C31-73-30	23	.5	1.0	1.0	.7	.80	6.44
88	073763M	051070	BN	00003.15	CRESTON	1	50S NW/C29-73-30	101	.5	1.0	1.2	.7	.80	33.94
88	073764U	051060	BN	00003.64	CRESTON	1	09E NW/C29-73-30	24	.5	1.0	1.0	.7	.80	6.72

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
88	073766H	051050	BN	00004-01	CRESTON	1	70S NW/C20-73-30	76	.5	1.0	1.2	.7	.80	25.54
88	073767P	051040	BN	00004-93	CRESTON	1	40E10SNW/C19-73-30	415	.5	1.0	1.2	.7	.80	139.44
88	073769D	051030	BN	00005-58	CRESTON	1	50S NW/C18-73-30	746	.5	1.0	1.2	.7	.80	250.66
88	073772L	051020	BN	00007-21	CRESTON	1	37E NW/C12-73-31	35	.5	1.0	1.0	.7	.80	9.80
88	073774A	051000	BN	00008-22	CRESTON	1	87E NW/C2-73-31	27	.5	1.0	1.2	.7	.80	9.07
88	073775G	051010	BN	00008-28	CRESTON	1	06S NW/C1-73-31	60	.5	1.0	1.0	.7	.80	16.80
01	073779J	015370	BN	00009-43	ORIENT	1	50E NW/C 35-74-31	44	.5	1.0	1.0	.7	.80	12.32
01	073781K	015380	BN	00010-07	ORIENT	1	53S NW/C 26-74-31	32	.5	1.0	1.2	.7	.80	10.75
01	073783Y	015390	BN	00010-75	ORIENT	1	70E NW/C 27-74-31	12	.5	1.0	1.0	.7	.80	3.36
01	073784F	015400	BN	00011-79	ORIENT	0	CO RD G-61	370	.5	1.0	1.2	.7	.80	124.32
01	073785M	117230	BN	00012-07	ORIENT	0	SPRAGUE ST	250	.5	1.0	1.0	.7	.80	70.00
01	073786U	117220	BN	00012-16	ORIENT	0	SCHOOL ST.	270	.5	1.0	1.0	.7	.85	80.33
01	073787B	015410	BN	00012-27	ORIENT	0	BROAD ST	640	.5	1.0	1.0	.7	.85	190.40
01	073789P	117200	BN	00012-47	ORIENT	0	POPLAR ST	150	.5	1.0	1.0	.7	.80	42.00
01	073790J	015420	BN	00012-66	ORIENT	1	JACKSON RD.	53	.5	1.0	1.0	.7	.80	14.84
01	073793E	015430	BN	00013-65	ORIENT	1	09E NW/C 16-74-31	55	.5	1.0	1.0	.7	.80	15.40
01	073794L	015440	BN	00013-84	ORIENT	1	85S NW/C 9-74-31	5	.5	1.0	1.2	.7	.80	1.68
01	073795T	015450	BN	00014-84	ORIENT	1	30E NW/C 8-74-31	23	.5	1.0	1.0	.7	.80	6.44
01	073796A	015460	BN	00015-68	GREENFIELD	1	50E NW/C 5-74-31	5	.5	1.0	1.0	.7	.80	1.40
01	073798N	005620	BN	00016-54	GREENFIELD	1	65S NW/C 32-75-31	1100	.5	.6	1.0	.7	.80	184.80
01	073801U	015470	BN	00017-70	GREENFIELD	1	25E NW/C 31-75-31	12	.5	1.0	1.0	.7	.80	3.36
01	073804P	015480	BN	00018-35	GREENFIELD	1	35S NW/C 30-75-31	91	.5	1.0	1.2	.7	.80	30.58
01	073807K	015490	BN	00019-53	GREENFIELD	1	54S NW/C 19-75-31	20	.5	1.0	1.2	.7	.80	6.72
01	073808S	015500	BN	00019-60	GREENFIELD	1	4E50S NW/C 19-75-31	88	.5	1.0	1.2	.7	.80	29.57
01	073809Y	015510	BN	00020-01	GREENFIELD	1	50E30S NW/C 19-75-31	152	.5	1.0	1.0	.7	.80	42.56



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01	073810T	015520	BN	00021.01	GREENFIELD	1	50E50S NW/C 18-75-31	335	.5	1.0	1.0	.7	.85	99.66
01	073811A	126010	BN	00021.13	GREENFIELD	0	S.W. 2ND ST.	653	.5	1.0	1.2	.7	.80	219.41
01	073813N	015530	BN	00021.78	GREENFIELD	1	30S NW/C 18-75-31	92	.5	1.0	1.2	.7	.80	30.91
01	073821F	015590	BN	00025.55	FONTANELLE	1	25S NW/C 22-75-32	14	.5	1.0	1.2	.7	.80	4.70
01	073822M	015600	BN	00025.87	FONTANELLE	1	75E50S NW/C 21-75-32	50	.5	1.0	1.0	.7	.80	14.00
01	073829K	015610	BN	00028.45	FONTANELLE	0	1ST ST.	550	.5	1.0	1.0	.7	.80	154.00
01	073830E	109700	BN	00028.54	FONTANELLE	0	W.BENTON	113	.5	1.0	1.0	.7	.80	31.64
36	073989Y	095170	BN	NONE	SHENANDOAH	1	40E NW/C 25-69-40	810	.5	1.0	1.0	.7	.75	212.63
69	074018P	119070	BN	NONE	RED OAK	0	4TH ST	550	.5	1.0	1.0	.7	.75	999999.99
69	074019W	119060	BN	NONE	RED OAK	0	3RD ST	625	.5	1.0	1.0	.7	.75	164.06
69	074020R	119040	BN	NONE	RED OAK	0	2ND ST	618	.5	1.0	1.0	.7	.75	162.23
69	074021X	091940	BN	NONE	RED OAK	0	BROADWAY	5640	.5	1.0	1.0	.7	.75	1480.50
20	074044E	117480	BN	00359.72	OSCEOLA	0	E. AYERS	384	20.0	1.0	1.2	1.0	1.00	9216.00
20	074045L	117470	BN	NONE	OSCEOLA	0	E. AYERS	783	.5	1.0	1.0	.7	.85	232.94
20	074046T	090570	BN	00359.96	OSCEOLA	0	MAIN ST.	4180	20.0	.1	1.2	1.0	1.00	10032.00
20	074047A	117490	BN	NONE	OSCEOLA	0	MCKINLEY ST	384	.5	1.0	1.0	.7	.80	107.52
20	074048G	117500	BN	NONE	OSCEOLA	0	SHAW ST.	783	.5	1.0	1.0	.7	.80	999999.99
20	074049N	048320	BN	NONE	OSCEOLA	1	14E NW/C 17-72-25	160	.5	1.0	1.0	.7	.80	44.80
20	074050H	048100	BN	00359.02	OSCEOLA	1	15S NW/C 16-72-25	100	20.0	1.0	1.0	1.0	1.00	2000.00
20	074054K	048120	BN	00356.61	OSCEOLA	1	30S NW/C 23-72-25	10	20.0	1.0	1.0	1.0	1.00	200.00
20	074055S	048130	BN	00355.75	OSCEOLA	1	50S NW/C 24-72-25	110	11.0	1.0	1.0	1.0	.80	968.00
20	074056Y	034900	BN	00355.50	OSCEOLA	1	25E02S NW/C 25-72-25	30	9.0	1.0	1.0	1.0	.80	216.00
20	074057F	009140	BN	00354.71	OSCEOLA	1	50S NW/C 19-72-24	10	11.0	1.0	1.0	.9	.80	79.20
20	074060N	048220	BN	00350.65	WOODBURN	1	50E23S NW/C 27-72-24	55	20.0	.1	1.0	1.0	1.00	110.00
20	074061V	000240	BN	00350.32	WOODBURN	0	MILL ST	160	20.0	1.0	1.0	1.0	1.00	3200.00

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CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
20	074062C	048210	BN	00351.45	WOODBURN	1	98E NW/C 28-72-24	15	11.0	1.0	1.2	1.0	.80	158.40
20	074064R	048190	BN	00352.44	WOODBURN	1	85S NW/C 21-72-24	15	11.0	1.0	1.0	.9	.80	118.80
20	074066E	048160	BN	00354.56	OSCEOLA	1	25S NW/C 30-72-24	10	9.0	1.0	1.0	.9	.80	64.80
20	074067L	048140	BN	00355.58	OSCEOLA	1	90S NW/C 24-72-25	110	9.0	1.0	1.0	1.0	.80	792.00
20	074070U	048090	BN	00360.77	OSCEOLA	1	S. RIDGE RD.	370	20.0	.1	1.0	1.0	1.00	740.00
20	074071B	048080	BN	00361.28	OSCEOLA	1	JIMMY DEAN AVE.	370	20.0	.1	1.0	1.0	1.00	740.00
20	074073P	048070	BN	00362.86	OSCEOLA	1	50E48S NW/C 23-72-26	30	20.0	1.0	1.0	1.0	1.00	600.00
20	074074W	006200	BN	00363.86	OSCEOLA	1	50E30S NW/C 22-72-26	10	20.0	1.0	1.0	1.0	1.00	200.00
20	074075D	048060	BN	00364.42	OSCEOLA	1	99S NW/C 15-72-26	45	20.0	1.0	1.0	1.0	1.00	900.00
20	074076K	048050	BN	00365.50	MURRAY	1	50S NW/C 16-72-26	130	20.0	1.0	1.0	1.0	1.00	2600.00
20	074077S	048040	BN	00366.88	MURRAY	1	70E NW/C 18-72-26	40	20.0	1.0	1.2	1.0	1.00	960.00
20	074078Y	048030	BN	00367.22	MURRAY	1	30E80S NW/C 7-72-26	40	20.0	1.0	1.2	1.0	1.00	960.00
20	074079F	048020	BN	00367.57	MURRAY	1	50S NW/C 7-72-26	51	20.0	1.0	1.2	1.0	1.00	1224.00
20	074081G	048010	BN	00368.83	MURRAY	1	10S NW/C 12-72-27	40	20.0	1.0	1.0	1.0	1.00	800.00
20	074084C	115960	BN	00370.35	MURRAY	0	TROY ST	219	20.0	1.0	1.0	1.0	1.00	4380.00
20	074085J	048000	BN	00370.79	MURRAY	0	MAPLE	840	20.0	.1	1.0	1.0	1.00	1680.00
20	074086R	115980	BN	00370.85	MURRAY	0	SHERMAN ST	219	20.0	1.0	1.0	1.0	1.00	4380.00
20	074087X	047990	BN	00370.97	MURRAY	1	98S NW/C 10-72-27	150	20.0	.1	1.0	1.0	1.00	300.00
20	074091M	047980	BN	00374.05	THAYER	1	25S NW/C 18-72-27	25	20.0	1.0	1.0	1.0	1.00	500.00
88	074094H	051310	BN	00376.06	THAYER	0	MAIN ST THIRD AVE	90	20.0	.1	1.0	1.0	1.00	180.00
88	074097D	000190	BN	00378.81	THAYER	1	50E40S NW/C 20-72-28	23	20.0	1.0	1.0	1.0	1.00	460.00
88	074105T	051240	BN	00389.51	CRESTON	1	90S NW/C 10-72-30	20	20.0	1.0	1.2	1.0	1.00	480.00
88	074107G	051230	BN	00390.76	CRESTON	1	10S NW/C 9-72-30	16	20.0	1.0	1.0	1.0	1.00	320.00
68	074108N	094980	BN	00000.70	ALBIA	0	65E40S NW/C 16-72-17	18	3.0	1.0	1.0	.6	.80	34.56
68	074109V	009350	BN	00000.88	ALBIA	1	42E30S NW/C 16-72-17	18	3.0	1.0	1.0	.6	.80	34.56



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68	074112D	040620	BN	00001.88	ALBIA	1	80E 50S NW/C 8-72-17	190	3.0	.6	1.0	.8	.80	218.88
68	074117M	040600	BN	00003.86	ALBIA	1	70E NW/C 6-72-17	60	3.0	1.0	1.2	.8	.80	138.24
68	074119B	040590	BN	00004.57	LOVILIA	1	50E 75SNW/C 31-73-17	4	3.0	1.0	1.0	.8	.80	7.68
68	074122J	040580	BN	00005.83	LOVILIA	1	40E 50SNW/C 25-73-18	50	3.0	1.0	1.2	.8	.80	115.20
68	074125E	000640	BN	00006.76	LOVILIA	1	85E 75S NW/C23-73-18	18	3.0	1.0	1.2	.8	.80	41.47
68	074129G	040570	BN	00007.86	LOVILIA	1	45E 75SNW/C 14-73-18	45	3.0	1.0	1.0	.8	.80	86.40
68	074131H	040560	BN	00008.65	LOVILIA	0	EAST 14TH ST.	594	3.0	1.0	1.0	.8	.85	1211.76
68	074132P	040550	BN	00008.91	LOVILIA	0	E 19TH	220	3.0	1.0	1.0	.8	.85	448.80
68	074133W	113330	BN	00009.12	LOVILIA	0	EAST 22ND ST	219	3.0	1.0	1.0	.8	.85	446.76
68	074135K	040540	BN	00009.70	LOVILIA	1	98E NW/C 10-73-18	58	3.0	1.0	1.0	.8	.80	111.36
63	074139M	110720	BN	00022.85	HARVEY	0	MAIN ST	219	3.0	1.0	1.0	.8	.80	420.48
63	074140G	128400	BN	00022.89	HARVEY	0	MAIN ST.	594	3.0	.6	1.0	.8	.80	684.29
63	074141N	013960	BN	00023.13	HARVEY	1	40S NW/C 10-75-18	250	3.0	.6	1.0	.8	.80	288.00
63	074142V	049420	BN	00024.24	HARVEY	1	97S NW/C 4-75-18	290	3.0	1.0	1.0	.8	.80	556.80
63	074146X	049400	BN	00025.56	HARVEY	1	63E85S NW/C 6-75-18	120	3.0	1.0	1.0	.8	.80	230.40
63	074152B	049380	BN	00030.60	KNOXVILLE	1	40S NW/C 9-75-19	650	3.0	1.0	1.0	.8	.80	1248.00
63	074153H	132780	BN	00030.85	KNOXVILLE	1	75E 47S NW/C 8-75-19	10	3.0	1.0	1.0	.8	.80	19.20
63	074155W	000580	BN	00034.40	KNOXVILLE	1	50E20S NW/C 2-75-20	77	3.0	1.0	1.0	.8	.80	147.84
63	074157K	049370	BN	00035.35	KNOXVILLE	1	48E98S NW/C 34-76-20	10	3.0	1.0	1.0	.8	.80	19.20
63	074165C	049320	BN	00040.24	PLEASANTVILLE	1	30E NW/C 25-76-21	49	3.0	1.0	1.0	.8	.80	94.08
63	074166J	049310	BN	00042.07	PLEASANTVILLE	1	80S NW/C 14-76-21	20	3.0	1.0	1.0	.8	.80	38.40
63	074167R	049300	BN	00042.51	PLEASANTVILLE	0	JASPER ST.	1100	3.0	.6	1.2	.8	.80	1520.64
63	074170Y	049290	BN	00043.57	PLEASANTVILLE	1	70S NW/C 10-76-21	380	3.0	1.0	1.2	.8	.80	875.52
63	074172M	049280	BN	00045.48	PLEASANTVILLE	1	10E NW/C 4-76-21	32	3.0	1.0	1.0	.8	.80	61.44
63	074173U	049270	BN	00046.61	PLEASANTVILLE	1	65E NW/C 32-77-21	90	3.0	1.0	1.0	.8	.80	172.80

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36	0743588	096990	BN	00165-06	HAMBURG	1	50E15S NW/C 9-70-43	133	8.0	1.0	1.0	.9	.85	813.96
36	074359H	029080	BN	00165-21	HAMBURG	1	51E NW/C 9-70-43	372	8.0	.1	1.0	.9	.85	227.66
65	074363X	132580	BN	00166-93	PACIFIC JUNCTION	1	45E25S NW/C 33-71-43	40	8.0	1.0	1.0	.9	.80	230.40
65	074366T	050170	BN	00169-23	PACIFIC JUNCTION	1	37E90S NW/C 16-71-43	65	8.0	1.0	1.0	.9	.80	374.40
65	074371P	050140	BN	00173-61	PACIFIC JUNCTION	1	20E50S NW/C 26-72-43	40	8.0	1.0	1.0	.8	.85	217.60
65	074373D	094570	BN	00475-32	PACIFIC JUNCTION	0	LINCOLN AVE.	670	.5	1.0	1.0	.9	.85	256.28
65	074374K	118180	BN	00475-39	PACIFIC JUNCTION	0	GLEASON AVE.	392	.5	1.0	1.0	.9	.80	141.12
65	074375S	094580	BN	00475-67	PACIFIC JUNCTION	0	GOLD AVE.	45	.5	1.0	1.0	.9	.80	16.20
65	074377F	050120	BN	00477-22	PACIFIC JUNCTION	1	80E NW/C 17-72-43	25	.5	1.0	1.0	.9	.80	9.00
65	074379U	050110	BN	00477-59	PACIFIC JUNCTION	1	70E65S NW/C 8-72-43	20	.5	1.0	1.0	.9	.80	7.20
65	074382C	050090	BN	00479-18	PACIFIC JUNCTION	1	38E NW/C 5-72-43	25	.5	1.0	1.0	.9	.80	9.00
65	074386E	050080	BN	00481-55	PACIFIC JUNCTION	1	20E63S NW/C 20-73-43	5	.5	1.0	1.0	.9	.80	1.80
65	074388T	050070	BN	00482-63	PACIFIC JUNCTION	1	35E50S NW/C 17-73-43	67	.5	1.0	1.0	.9	.80	24.12
65	074392H	050060	BN	00484-47	COUNCIL BLUFFS	1	35E75S NW/C 5-73-43	910	.5	.1	1.0	.9	.80	32.76
78	074396K	050950	BN	00488-23	COUNCIL BLUFFS	1	25E10S NW/C 20-74-43	5	.5	.6	1.2	.8	.80	1.15
78	074402L	094440	BN	00490-45	COUNCIL BLUFFS	0	35TH AVE	384	4.5	1.0	1.2	.8	.85	1410.05
78	074403T	135570	BN	00490-60	COUNCIL BLUFFS	0	S EXPRESSWAY	15400	2.5	.6	1.0	.8	.75	13860.00
78	074404A	135920	BN	00489-70	COUNCIL BLUFFS	0	32ND AVE	5930	4.0	1.0	1.0	.8	.75	14232.00
36	074503X	006690	BN	00141-24	HAMBURG	1	75S NW/C 27-67-42	280	8.0	.1	1.2	.9	.85	205.63
36	074504E	006650	BN	00141-93	HAMBURG	1	80E40S NW/C 28-67-42	153	8.0	.1	1.0	.9	.85	93.64
36	074505L	029270	BN	00142-73	HAMBURG	1	15E NW/C 28-67-42	14461	8.0	.1	1.2	.9	.80	999.48
36	074506T	029260	BN	00143-22	HAMBURG	1	80E75S NW/C 20-67-42	73	8.0	1.0	1.2	.9	.80	504.58
36	074507A	140330	BN	00145-75	HAMBURG	1	NW/C 18-67-42	10	8.0	1.0	1.0	.9	.80	57.60
36	074508G	029240	BN	00147-20	HAMBURG	1	NW/C 12-67-43	70	8.0	.6	1.2	.9	.80	290.30
36	074511P	096960	BN	00149-38	HAMBURG	1	75E55S NW/C 34-68-43	33	8.0	1.0	1.0	.9	.85	201.96

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
36	074962T	029190	BN	00154.01	THURMAN	1	10E25S NW/C 8-68-43	283	8.0	.6	1.0	.9	.80	978.05
36	074964G	029180	BN	00155.23	THURMAN	1	69E NW/C 32-69-43	43	8.0	1.0	1.0	.9	.80	247.68
36	074965N	096980	BN	00155.64	THURMAN	1	70E60S NW/C 29-69-43	16	8.0	.1	1.0	.9	.85	9.79
36	074966V	029170	BN	00156.23	THURMAN	1	75E NW/C 29-69-43	232	8.0	.6	1.0	.9	.80	801.79
36	074970K	029130	BN	00162.46	THURMAN	1	50S NW/C 33-70-43	370	8.0	.1	1.0	.9	.85	226.44
36	074971S	029110	BN	00162.46	HAMBURG	1	15E75S NW/C 21-70-43	36	8.0	.6	1.0	.9	.80	124.42
36	074975U	029100	BN	00163.55	HAMBURG	1	48E70S NW/C 16-70-43	40	8.0	1.0	1.0	.9	.80	230.40
36	074976B	137290	BN	00164.21	HAMBURG	1	CO RD	10	8.0	1.0	1.0	.9	.80	57.60
97	075109Y	136120	BN	NONE	SIoux CITY	0	CHAMBERS	451	.5	1.0	1.0	.7	.75	118.39
56	078027C	139110	BN	00187.30	MONTROSE	1	LOCAL (OFF RD X28)	2	4.0	1.0	1.0	.9	.80	999999.99
56	078030K	115600	BN	00189.15	MONTROSE	0	MAIN	250	4.0	1.0	1.0	.9	.85	765.00
56	078031S	115610	BN	00189.23	MONTROSE	0	CHESTNUT	553	4.0	1.0	1.0	.9	.85	1692.18
56	078032Y	049330	BN	00191.05	MONTROSE	1	25E 45S NW/C 34-67-5	35	4.0	1.0	1.0	.9	.80	100.80
56	078035U	049050	BN	00191.74	FORT MADISON	1	20E NW/C 34-67-5	202	4.0	1.0	1.0	.9	.80	581.76
56	078036B	139100	BN	00192.25	FORT MADISON	1	95E40S NW-C 28-67-05	250	4.0	.6	1.0	.9	.80	432.00
56	078038P	049030	BN	00193.32	FORT MADISON	1	65E 50S NW/C 21-67-5	940	4.0	.6	1.0	.9	.80	1624.32
56	078040R	049020	BN	00193.82	FORT MADISON	1	50E NW/C 21-67-5	65	4.0	1.0	1.2	.9	.80	224.64
56	078041X	048980	BN	00194.92	FORT MADISON	1	30E NW/C 16-67-5	100	4.0	1.0	1.0	.8	.80	256.00
56	078048V	048960	BN	00196.95	FORT MADISON	1	25E 50S NW/C 11-67-5	200	4.0	.6	1.0	.9	.80	345.60
56	078050W	015860	BN	00198.19	FORT MADISON	1	50E 50S NW/C 12-67-5	600	4.0	.6	1.0	.9	.80	1036.80
56	078051D	016570	BN	00198.68	FORT MADISON	0	48 ST .3 S CEMETERY	150	7.0	.6	1.0	.9	.80	453.60
56	078052K	129670	BN	00001.03	FORT MADISON	1	02E60S NW/C 20-68-3	540	2.0	.6	1.0	.7	.75	340.20
29	078061J	006480	BN	00213.90	BURLINGTON	1	15E15S NW/C 36-69-3	60	3.0	1.0	1.0	.9	.85	137.70
56	078274U	048850	BN	00210.26	FORT MADISON	1	75E 50S NW/C 5-68-3	270	3.0	1.0	1.0	.9	.80	583.20
56	078275B	048860	BN	00209.72	FORT MADISON	1	50E NW/C 8-68-3	490	3.0	.1	1.0	.9	.85	112.46



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
56	078276H	048870	BN	00208.62	FORT MADISON	1	05E NW/C 17-68-3	23	4.0	1.0	1.0	.9	.85	70.38
56	078279D	048880	BN	00206.74	FORT MADISON	1	40E 75S NW/C 19-68-3	540	4.0	.6	1.0	.9	.80	933.12
56	078672Y	140040	BN	00120.17	KEOKUK	0	YACHT CLUB ENT.	26	6.0	1.0	1.0	.9	.80	112.32
59	078991S	101820	BN	00000.80	CHARITON	0	OSCEOLA ST.	1640	.5	1.0	1.0	.7	.75	430.50
88	079037L	140070	BN	NONE	CRESTON	0	ADAMS ST	246	.5	1.0	1.2	.7	.75	77.49
51	079040U	048570	BN	00248.43	LOCKRIDGE	1	98S NW/C 30-72-8	125	17.0	.1	1.0	1.0	1.00	212.50
51	079042H	140390	BN	00247.55	LOCKRIDGE	1	30S75ENW/C31-72-8	24	17.0	1.0	1.0	1.0	1.00	408.00
51	079044W	140400	BN	00246.87	LOCKRIDGE	1	50E30SNW/C32-72-8	24	17.0	1.0	1.0	1.0	1.00	408.00
51	079045D	132900	BN	00246.45	LOCKRIDGE	1	90E 45S NW/C 32-72-8	77	17.0	.1	1.0	1.0	1.00	130.90
51	079049F	048610	BN	00243.01	ROME	1	35E 80S NW/C 36-72-8	39	17.0	1.0	1.0	1.0	1.00	663.00
44	079051G	000730	BN	00242.28	ROME	1	90S NW/C 31-72-7	60	18.0	.1	1.0	1.0	1.00	108.00
44	079060F	032020	BN	00234.30	MOUNT PLEASANT	1	75E05S NW/C 8-71-6	200	17.0	.1	1.0	1.0	1.00	340.00
68	079061M	140300	BN	00302.49	ALBIA	1	60E50SNW/C14-72-17	114	9.0	1.0	1.0	.9	.80	738.72
68	079075V	040670	BN	00310.74	ALBIA	1	60E 70SNW/C 34-72-18	23	20.0	1.0	1.0	1.0	1.00	460.00
68	079080S	040640	BN	00314.37	MELROSE	1	50E 90S NW/C 6-71-18	25	20.0	.1	1.0	1.0	1.00	50.00
20	079087P	095010	BN	00349.22	WOODBURN	1	50S NW/C 25-72-24	5	20.0	1.0	1.0	1.0	1.00	100.00
68	079089D	040630	BN	00318.81	MELROSE	0	TRALEE ST	430	20.0	.1	1.0	1.0	1.00	860.00
59	079091E	003390	BN	00346.97	LUCAS	1	50E75S NW/C 20-72-23	20	20.0	1.0	1.0	1.0	1.00	400.00
59	079092L	035330	BN	00347.50	LUCAS	1	97S NW/C 20-72-23	5	20.0	1.0	1.0	1.0	1.00	100.00
59	079093T	035340	BN	00345.96	LUCAS	1	70S NW/C 21-72-23	38	20.0	1.0	1.0	1.0	1.00	760.00
59	079094A	035350	BN	00345.21	LUCAS	1	75E50S NW/C 21-72-23	19	20.0	1.0	1.0	1.0	1.00	380.00
59	079099J	001140	BN	00341.84	LUCAS	1	10E75S NW/C 18-72-22	100	20.0	.1	1.2	1.0	1.00	240.00
59	079100B	035390	BN	00340.30	LUCAS	1	50E50S NW/C 17-72-22	30	9.0	1.0	1.0	1.0	.80	216.00
59	079101H	035410	BN	00336.10	CHARITON	1	50E65S NW/C 13-72-22	150	20.0	.1	1.2	1.0	1.00	360.00
59	079103W	035420	BN	00335.35	CHARITON	0	CURTIS	560	21.0	.1	1.0	1.0	1.00	1176.00

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
59	079104D	097150	BN	00334.47	CHARITON	0	AUBURN AVE	2500	20.0	.1	1.0	.9	1.00	4500.00
59	079105K	101740	BN	00334.33	CHARITON	0	ROLAND AVE	300	20.0	.1	1.0	.9	1.00	540.00
59	079106S	101750	BN	00334.28	CHARITON	0	BRADEN	1000	20.0	.1	1.0	.9	1.00	1800.00
59	079108F	101760	BN	00333.99	CHARITON	0	LINDEN	800	20.0	.1	1.0	.9	1.00	1440.00
59	079112V	001200	BN	00333.59	CHARITON	0	EIGHTH ST	540	20.0	.1	1.2	.9	1.00	1166.40
59	079113C	101770	BN	00333.42	CHARITON	0	SEVENTH	470	20.0	.1	1.2	.9	1.00	1015.20
59	079115R	035430	BN	00330.05	CHARITON	1	50E80S NW/C 29-72-21	140	20.0	1.0	1.2	.9	1.00	3024.00
59	079117E	035440	BN	00331.48	CHARITON	1	65E NW/C 4-71-21	80	20.0	.1	1.2	1.0	1.00	192.00
59	079118L	035450	BN	00330.98	CHARITON	1	20S NW/C 3-71-21	10	20.0	1.0	1.0	1.0	1.00	200.00
59	079119T	035460	BN	00330.44	RUSSELL	1	50E43S NW/C 3-71-21	30	20.0	.1	1.0	1.0	1.00	60.00
59	079120M	035470	BN	00329.82	RUSSELL	1	65S NW/C 2-71-21	40	20.0	1.0	1.0	1.0	1.00	800.00
59	079121U	000800	BN	00328.85	RUSSELL	1	75S NW/C 1-71-21	54	20.0	1.0	1.0	1.0	1.00	1080.00
59	0791228	035480	BN	00328.32	RUSSELL	1	35E60S NW/C 1-71-21	120	20.0	.1	1.0	1.0	1.00	240.00
59	079123H	035490	BN	00327.73	RUSSELL	1	40S NW/C 6-71-20	276	20.0	.1	1.0	1.0	1.00	552.00
59	079124P	119730	BN	00327.47	RUSSELL	0	FRYER ST.	120	20.0	1.0	1.0	1.0	1.00	2400.00
59	079125W	119740	BN	00327.30	RUSSELL	0	GARFIELD	219	20.0	1.0	1.0	1.0	1.00	4380.00
59	079126D	013850	BN	00326.96	RUSSELL	0	PRAIRIE ST.	850	20.0	.1	1.0	1.0	1.00	1700.00
59	079129Y	119750	BN	00326.75	RUSSELL	0	HIGHLAND ST	220	20.0	1.0	1.0	1.0	1.00	4400.00
59	079130T	035500	BN	00325.65	RUSSELL	1	90S NW/C 33-72-20	5	20.0	1.0	1.0	1.0	1.00	100.00
59	079132G	035520	BN	00322.89	MELROSE	1	75E20S NW/C 2-71-20	27	20.0	1.0	1.0	1.0	1.00	540.00
59	079133N	035530	BN	00321.75	MELROSE	1	50E60S NW/C 1-71-20	50	20.0	.1	1.0	1.0	1.00	100.00
68	079137R	002960	BN	00319.85	MELROSE	1	50E 75S NW/C 5-71-19	130	20.0	.1	1.0	1.0	1.00	260.00
68	079140Y	000610	BN	00299.93	ALBIA	1	50E 75S NW/C 6-72-16	95	11.0	1.0	1.0	1.0	.80	836.00
68	079143U	040990	BN	00298.41	ALBIA	1	48E NW/C 5-72-16	32	11.0	1.0	1.0	1.0	.80	281.60
68	079145H	004080	BN	00295.62	ALBIA	1	07S NW/C 35-73-16	35	11.0	1.0	1.0	1.0	.80	308.00

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
68	079147W	097470	BN	00304.44	ALBIA	0	H ST	384	11.0	1.0	1.0	1.0	.80	3379.20
44	079153A	032030	BN	00231.96	MOUNT PLEASANT	1	60S NW/C 11-71-6	976	17.0	.1	1.0	1.0	1.00	1659.20
44	079154G	115810	BN	NONE	MOUNT PLEASANT	0	MONROE ST.	950	.5	1.0	1.0	.7	.75	249.38
44	079157C	032040	BN	00229.83	MOUNT PLEASANT	1	30S NW/C 18-71-5	55	17.0	.1	1.0	1.0	1.00	93.50
29	079159R	026980	BN	00213.93	MIDDLETOWN	1	75E90S NW/C 30-70-3	292	17.0	.1	1.0	1.0	1.00	496.40
44	079161S	032070	BN	00226.08	NEW LONDON	1	50E40S NW/C 22-71-5	30	17.0	.1	1.0	1.0	1.00	51.00
44	079163F	032090	BN	00224.09	NEW LONDON	1	25E60S NW/C 25-71-5	11	17.0	1.0	1.0	1.0	1.00	187.00
29	079170R	026890	BN	00221.21	DANVILLE	1	20E50S NW/C 5-70-4	20	17.0	1.0	1.0	1.0	1.00	340.00
29	079171X	026900	BN	00220.80	DANVILLE	1	50E75S NW/C 5-70-4	80	17.0	.1	1.0	1.0	1.00	136.00
29	079172E	026910	BN	00220.51	DANVILLE	1	70E NW/C 8-70-4	40	17.0	1.0	1.0	1.0	1.00	680.00
29	079173L	026920	BN	00220.11	DANVILLE	1	30S NW/C 9-70-4	15	17.0	1.0	1.0	1.0	1.00	255.00
29	079174T	026930	BN	00219.80	DANVILLE	1	20E50S NW/C 9-70-4	40	17.0	1.0	1.0	1.0	1.00	680.00
29	079177N	026960	BN	00217.65	DANVILLE	1	80E NW/C 22-70-4	83	17.0	.1	1.0	1.0	1.00	141.10
29	079181D	026970	BN	00215.90	MIDDLETOWN	1	20S NW/C 25-70-4	100	17.0	.1	1.0	1.0	1.00	170.00
29	079187U	027000	BN	00213.15	BURLINGTON	1	50E90S NW/C 29-70-3	92	17.0	.1	1.0	1.0	1.00	156.40
29	079188B	027010	BN	00212.64	BURLINGTON	1	90S NW/C 28-70-3	10	17.0	1.0	1.0	1.0	1.00	170.00
29	079189H	027020	BN	00212.07	WEST BURLINGTON	0	BEAVERDALE RD	2650	17.0	.1	1.0	1.0	1.00	4505.00
29	079190C	027030	BN	00211.63	WEST BURLINGTON	0	90S NW/C 27-70-3	7	17.0	1.0	1.0	1.0	1.00	119.00
29	079191J	027040	BN	00210.62	WEST BURLINGTON	0	WASHINGTON RD	600	17.0	.1	1.0	1.0	1.00	1020.00
29	079192R	027050	BN	00210.13	BURLINGTON	0	GEAR AVE	500	17.0	.1	1.0	1.0	1.00	850.00
44	079232L	032060	BN	00227.39	NEW LONDON	1	25E NW/C 21-71-5	20	17.0	1.0	1.0	1.0	1.00	340.00
44	079234A	032050	BN	00228.19	NEW LONDON	1	50E75S NW/C 17-71-5	80	17.0	.1	1.0	1.0	1.00	136.00
68	079393G	095760	BN	00301.99	ALBIA	1	89E 30SNW/C 14-72-17	8	20.0	1.0	1.0	.9	1.00	144.00
68	079394N	040940	BN	00301.57	ALBIA	1	25E 10SNW/C 13-72-17	5	20.0	1.0	1.0	1.0	1.00	100.00
68	079395V	040950	BN	00300.86	ALBIA	1	75E 60SNW/C 12-72-17	15	10.0	1.0	1.2	1.0	1.00	160.00



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
68	079407P	040970	BN	00298.88	ALBIA	1	50E 85S NW/C 5-72-16	26	9.0	1.0	1.0	1.0	.80	187.20
68	079402D	040980	BN	00298.18	ALBIA	1	20E 75S NW/C 4-72-16	180	9.0	.1	2.0	1.0	.80	259.20
68	079403K	045110	BN	00298.11	ALBIA	1	25E 73S NW/C 4-72-16	36	9.0	1.0	1.0	1.0	.80	259.20
68	079405Y	041000	BN	00299.62	ALBIA	1	15S NW/C 35-73-16	35	9.0	1.0	1.0	1.0	.80	252.00
90	079408U	051320	BN	00293.61	CHILLICOTHE	1	85S NW/C 30-73-15	220	20.0	.1	1.0	1.0	1.00	440.00
90	079411C	051340	BN	00291.05	CHILLICOTHE	1	50E 10SNW/C 33-73-15	75	20.0	.1	1.0	1.0	1.00	150.00
90	079413R	051350	BN	00290.02	CHILLICOTHE	1	40E 20SNW/C 34-73-15	15	20.0	1.0	1.0	1.0	1.00	300.00
90	079416L	051360	BN	00287.39	CHILLICOTHE	0	ELM ST	660	20.0	.1	1.0	1.0	1.00	1320.00
90	079425K	004200	BN	00279.15	OTTUMWA	0	VINE ST.	690	23.0	.1	1.0	.8	1.00	1269.60
51	079438L	048520	BN	00251.58	FAIRFIELD	1	40S NW/C 27-72-9	42	17.0	1.0	1.0	1.0	1.00	714.00
51	079439T	048540	BN	00250.69	FAIRFIELD	1	42S NW/C 26-72-9	43	17.0	1.0	1.0	1.0	1.00	731.00
51	079441U	048550	BN	00249.59	FAIRFIELD	1	43S NW/C 25-72-9	24	17.0	1.0	1.0	1.0	1.00	408.00
51	0794428	048560	BN	00249.30	FAIRFIELD	1	40E 50S NW/C 25-72-9	42	17.0	.1	1.2	1.0	1.00	85.68
60	082324C	035980	BN	00147.20	HILLS	1	75E NW/C 14-100-47	66	6.0	1.0	1.0	.9	.80	285.12
60	082325J	035990	BN	00148.25	LESTER	1	02E NW/C 24-100-47	40	6.0	1.0	1.0	.9	.80	172.80
60	082327X	036000	BN	00150.31	LESTER	1	50E NW/C 36-100-47	63	6.0	1.0	1.0	.9	.85	289.17
60	082328E	036010	BN	00151.11	LESTER	0	CLINTON ST	730	6.5	.1	1.2	.9	.85	435.59
60	082331M	036030	BN	00152.45	LESTER	1	02E NW/C 7-99-46	20	6.0	1.0	1.0	.9	.80	86.40
60	082335P	036040	BN	00153.53	LESTER	1	60E NW/C 12-99-46	50	6.0	1.0	1.0	.9	.80	216.00
60	082336W	036050	BN	00154.47	LESTER	1	90S NW/C 17-99-46	15	6.0	1.0	2.0	.9	.80	129.60
60	082337D	036060	BN	00154.60	LESTER	1	06E NW/C 20-99-46	300	6.0	.6	1.0	.9	.80	777.60
60	082339S	036070	BN	00155.63	ALVORD	1	10E NW/C 29-99-46	15	6.0	1.0	1.0	.9	.80	64.80
60	082340L	036080	BN	00156.64	ALVORD	1	25E NW/C 32-99-46	10	6.0	1.0	1.0	.9	.80	43.20
60	082342A	036090	BN	00157.71	ALVORD	1	46E NW/C 5-98-46	390	6.0	1.0	1.0	.9	.80	1684.80
60	082343G	036670	BN	00157.99	ALVORD	0	3RD ST.	390	6.5	.1	1.0	.9	.85	193.93

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
60	032344N	036100	BN	00158.88	ALVORD	1	80E NW/C 8-98-46	32	6.5	1.0	1.0	.9	.85	159.12
60	032345V	036110	BN	00159.18	ALVORD	1	40S NW/C 9-98-46	320	6.0	.6	1.2	.9	.80	995.33
60	032347J	036120	BN	00160.04	ALVORD	1	55E NW/C 16-98-46	21	6.0	1.0	1.2	.9	.80	108.86
60	032353M	036130	BN	00162.79	DOON	1	25E NW/C 26-98-46	40	6.0	1.0	1.2	.9	.80	207.36
60	082356H	000890	BN	00164.71	DOON	1	70S NW/C 36-98-46	469	6.0	.6	2.0	.9	.80	2431.30
78	034086T	139090	BN	NONE	COUNCIL BLUFFS	0	ALLEY BTWN 11&12 ST	1	.5	.1	1.0	.7	.75	999999.99
78	084087A	089100	BN	NONE	COUNCIL BLUFFS	0	S 11TH AND 22ND	979	.5	1.0	1.0	.7	.75	256.99
78	084088G	136380	BN	NONE	COUNCIL BLUFFS	0	ALLEY BTWN 10&11	50	.5	1.0	1.0	.7	.75	999999.99
78	084089N	137970	BN	NONE	COUNCIL BLUFFS	0	ALLEY BTWN 10&11	50	.5	.1	1.0	.7	.75	999999.99
78	084090H	104860	BN	NONE	COUNCIL BLUFFS	0	S 10TH AND 22ND	409	.5	1.0	1.0	.7	.75	999999.99
78	084092W	137980	BN	NONE	COUNCIL BLUFFS	0	ALLEY BTW 10&9	50	.5	1.0	1.0	.7	.75	999999.99
78	084093D	104000	BN	00491.82	COUNCIL BLUFFS	0	S 9TH AND 22ND	399	.5	1.0	1.0	.7	.75	999999.99
78	084094K	137990	BN	NONE	COUNCIL BLUFFS	0	ALLEY BTW S-9&8	50	.5	.1	1.0	.7	.75	999999.99
78	084095S	138000	BN	NONE	COUNCIL BLUFFS	0	ALLEY BTWN S-9&8	50	.5	.1	1.0	.7	.75	999999.99
78	084096Y	104010	BN	00491.75	COUNCIL BLUFFS	0	S 8TH AND 22ND	647	.5	1.0	1.0	.7	.75	169.84
78	084098M	104020	BN	00491.68	COUNCIL BLUFFS	0	S 7TH AND 22ND	1810	.5	1.0	1.0	.7	.75	475.13
78	084099U	138010	BN	NONE	COUNCIL BLUFFS	0	ALLEY BTWN S-6&7	50	.5	.1	1.0	.7	.75	999999.99
78	084100L	104030	BN	00491.61	COUNCIL BLUFFS	0	S-6TH	1220	.5	1.0	1.0	.7	.75	320.25
78	084101T	090360	BN	00491.97	COUNCIL BLUFFS	0	16TH AVE	4040	8.0	1.0	1.2	.7	.75	20361.60
78	084102A	104050	BN	NONE	COUNCIL BLUFFS	0	S 6TH	970	.5	.6	1.0	.7	.75	152.78
78	084103G	090370	BN	NONE	COUNCIL BLUFFS	0	16TH AVE & 4TH ST	4040	.5	1.0	1.0	.7	.75	1060.50
78	084104N	090350	BN	00492.32	COUNCIL BLUFFS	0	S MAIN NEAR 11TH AVE	4040	8.0	.6	1.2	.7	.85	13845.89
78	084105V	135530	BN	00492.40	COUNCIL BLUFFS	0	S 6TH	970	8.0	.6	1.0	.7	.85	2770.32
78	084107J	104840	BN	00492.49	COUNCIL BLUFFS	0	7TH ST	576	18.0	.1	1.0	.7	.85	616.90
78	084109X	104830	BN	00492.55	COUNCIL BLUFFS	0	8TH ST	468	18.0	.1	1.0	.7	.85	501.23



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
78	084110S	138020	BN	00492.63	COUNCIL BLUFFS	0	SO. 9TH ST	6200	8.0	1.0	1.0	.7	.85	29512.00
78	084112F	138820	BN	00493.15	COUNCIL BLUFFS	0	16TH ST	4200	8.0	.1	1.0	.7	.85	1999.20
78	084113M	130280	BN	00493.23	COUNCIL BLUFFS	0	17TH ST	715	8.0	1.0	1.0	.7	.80	3203.20
78	084114U	103970	BN	NONE	COUNCIL BLUFFS	0	17TH ST	4100	.5	1.0	1.2	.7	.75	1291.50
78	084117P	103920	BN	NONE	COUNCIL BLUFFS	0	10TH AVE OFF MAIN ST	102	.5	.1	1.0	.7	.75	999999.99
78	084229N	042780	BN	00491.01	COUNCIL BLUFFS	0	29TH AVE	184	8.0	.6	1.0	.7	.85	525.50
78	084232W	128510	BN	00491.48	COUNCIL BLUFFS	0	23RD AV & S EXPRESSWY	13800	.5	1.0	1.0	.7	.85	4105.50
78	084233D	104150	BN	00492.37	COUNCIL BLUFFS	0	S 16TH	1217	.5	.1	1.0	.7	.85	36.21
78	084235S	104890	BN	NONE	COUNCIL BLUFFS	0	S 13TH	1130	.5	1.0	1.0	.7	.75	296.63
78	084236Y	104860	BN	NONE	COUNCIL BLUFFS	0	S 12TH	114	.5	1.0	1.0	.7	.75	29.93
97	086528C	137050	BN	NONE	SIoux CITY	0	TERMINAL DRIVE	1110	.5	1.0	1.2	.7	.75	999999.99
97	086545T	136130	BN	NONE	SIoux CITY	0	FOURTH ST	7360	.5	1.0	1.2	.7	.75	2318.40
97	086568A	139370	BN	NONE	SIoux CITY	0	GRAND AVE	20	.5	1.0	.0	.7	.75	999999.99
23	093674A	103080	BN	NONE	CLINTON	0	2ND ST.	2600	.5	1.0	1.0	.7	.75	682.50
63	095142D	133710	BN	NONE	HARVEY	1	80E NW/C8-75-18	137	.5	1.0	1.2	.7	.75	43.16
02	095143K	133310	BN	00413.83	CORNING	0	DAVIS AVE	553	20.0	.1	1.0	1.0	.85	940.10
68	095151C	040660	BN	00316.72	MELROSE	1	05E S0S NW/C 4-71-18	30	20.0	1.0	1.0	1.0	1.00	600.00
20	095158A	140060	BN	NONE	OSCEOLA	1	45E50SNW/C8-72-25	40	.5	1.0	1.0	.7	.80	11.20
65	095176X	011340	BN	NONE	MALVERN	0	11TH ST	120	.5	1.0	1.0	.7	.80	33.60
65	095177E	113660	BN	NONE	MALVERN	0	W. 5TH STREET	290	.5	1.0	1.0	.7	.80	81.20
65	095178L	132540	BN	NONE	MALVERN	0	4TH AVE	80	.5	1.0	1.0	.7	.85	23.80
65	095179T	113650	BN	NONE	MALVERN	0	3RD AVE	100	.5	1.0	1.0	.7	.85	29.75
65	095180M	113590	BN	NONE	MALVERN	0	2ND AVE	120	.5	1.0	1.0	.7	.85	35.70
51	095184P	134730	BN	NONE	FAIRFIELD	0	W STONE AVE	350	.5	1.0	1.0	.7	.75	91.88
59	095185W	035370	BN	00342.87	LUCAS	0	DIVISION ST	594	20.0	.1	1.0	1.0	1.00	1188.00

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
69	095240U	039170	BN	00441.38	RED OAK	0	COOLBAUGH ST	244	20.0	.1	1.2	1.0	1.00	585.60
65	095255J	095370	BN	00451.75	EMERSON	0	HOWLAND ST	120	20.0	.1	1.0	1.0	1.00	240.00
65	095256R	108990	BN	00451.86	EMERSON	0	HARRIS	20	20.0	.1	1.0	1.0	1.00	40.00
65	095257X	050330	BN	00452.88	EMERSON	1	20S NW/C 26-72-40	50	20.0	.1	1.0	1.0	1.00	100.00
65	095259L	050320	BN	00454.93	HASTINGS	1	75S NW/C 21-72-40	37	20.0	1.0	1.0	1.0	1.00	740.00
65	095263B	014040	BN	00456.99	HASTINGS	0	INDIAN ST.	690	20.0	.1	1.0	1.0	1.00	1380.00
65	095265F	050300	BN	00460.81	MALVERN	1	50E75S NW/C 28-72-41	70	20.0	1.0	1.0	1.0	.80	1120.00
65	095276C	050260	BN	00462.15	GLENWOOD	1	25E40S NW/C 9-72-42	20	20.0	1.0	1.2	1.0	1.00	480.00
65	095277J	050250	BN	00469.49	GLENWOOD	1	38S NW/C 8-72-42	50	20.0	.1	1.2	1.0	1.00	120.00
69	095293T	039240	BN	00435.08	STANTON	0	HALLAND	392	20.0	.1	1.0	1.0	.85	666.40
69	095295G	121720	BN	00435.52	STANTON	0	HARVARD ST.	15	20.0	1.0	1.0	1.0	.80	240.00
02	095312V	011890	BN	00406.58	PRESCOTT	0	6TH AVE	722	20.0	.1	1.0	1.0	1.00	1444.00
02	095313C	011210	BN	00408.63	PRESCOTT	1	30S NW/C 27-72-33	50	20.0	1.0	1.0	1.0	1.00	1000.00
02	095315R	015690	BN	00411.25	CORNING	1	50E90S NW/C 30-72-33	10	20.0	1.0	1.0	1.0	1.00	200.00
02	095319T	015670	BN	00414.20	CORNING	0	LOOMIS AVE.	226	20.0	.1	1.0	1.0	.80	361.60
02	095324P	015660	BN	00417.92	CORNING	1	45E70S NW/C 7-71-34	130	20.0	.6	1.0	1.0	.80	1248.00
02	095325W	015650	BN	00418.94	CORNING	1	50E60S NW/C 12-71-35	40	20.0	1.0	1.0	1.0	.80	640.00
02	095329Y	051970	BN	00421.66	NODAWAY	1	60S NW/C 15-71-35	55	20.0	1.0	1.0	1.0	.80	880.00
02	095330T	096920	BN	00422.90	NODAWAY	0	4TH ST.	832	20.0	1.0	1.0	1.0	1.00	16660.00
02	095331A	010260	BN	00423.01	NODAWAY	0	2ND ST.	380	17.0	.1	1.0	1.0	1.00	646.00
69	095335C	025090	BN	00426.50	VILLISCA	1	50E31S NW/C 26-71-36	55	20.0	.1	1.0	1.0	1.00	110.00
69	095336J	123150	BN	00427.19	VILLISCA	0	7TH AVE	219	20.0	1.0	1.0	1.0	1.00	4380.00
75	097426P	054900	BN	00199.14	LE MARS	1	75E 50S NW/C 1-92-46	17	6.0	1.0	1.0	.9	.80	73.44
75	097427W	054890	BN	00198.53	LE MARS	1	95S NW/C 31-93-45	16	6.0	1.0	2.0	.9	.80	138.24
75	097428D	054880	BN	00197.52	LE MARS	1	41E NW/C 31-93-45	48	6.0	1.0	1.0	.9	.80	207.36

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
75	097429K	054870	BN	00196.48	STRUBLE	1	64E NW/C 30-93-45	185	6.0	1.0	1.0	.9	.80	799.20
75	097430E	054860	BN	00195.48	STRUBLE	1	70E NW/C 19-93-45	26	6.0	1.0	1.0	.9	.80	112.32
75	097431L	054850	BN	00194.76	STRUBLE	1	80E NW/C 18-93-45	6	6.0	1.0	1.0	.9	.80	25.92
75	097433A	054840	BN	00193.70	STRUBLE	1	4TH ST	51	6.0	1.0	1.2	.9	.80	264.38
75	097434G	122360	BN	00193.48	STRUBLE	0	WILLIAM ST	219	6.0	1.0	1.0	.9	.85	1005.21
75	097435N	054830	BN	00193.40	STRUBLE	0	MAIN ST.	400	6.0	.6	1.0	.9	.85	1101.60
75	097437C	054820	BN	00192.33	STRUBLE	1	44E NW/C 5-93-45	26	6.0	1.0	1.0	.9	.80	112.32
84	097438J	056420	BN	00191.35	STRUBLE	1	55E NW/C 32-94-45	40	6.0	1.0	1.0	.9	.80	172.80
84	097441S	056410	BN	00190.29	STRUBLE	1	90E NW/C 29-94-45	58	6.0	1.0	1.0	.9	.80	250.56
84	097443F	056400	BN	00189.26	MAURICE	1	77E NW/C 20-94-45	57	6.0	1.0	1.0	.9	.80	246.24
84	097445U	056390	BN	00188.22	MAURICE	0	4TH ST	234	6.0	.6	1.0	.9	.80	606.53
84	097446B	056380	BN	00187.23	MAURICE	1	53E NW/C 8-94-45	10	6.0	1.0	1.0	.9	.80	43.20
84	097449W	008160	BN	00186.16	MAURICE	1	83E NW/C 5-94-45	890	6.0	.6	1.0	.9	.80	2306.88
84	097451X	056370	BN	00185.09	SIoux CENTER	1	15E NW/C 33-95-45	52	6.0	1.0	1.0	.9	.80	224.64
84	097453L	056360	BN	00184.06	SIoux CENTER	1	01E NW/C 28-95-45	63	6.0	1.0	1.0	.9	.80	272.16
84	097456G	056350	BN	00182.99	SIoux CENTER	1	65E NW/C 20-95-45	420	14.0	.6	1.2	.9	.80	3048.19
84	097457N	056340	BN	00181.93	SIoux CENTER	1	65E NW/C 17-95-45	125	6.0	1.0	1.0	.9	.80	540.00
84	097458V	056330	BN	00180.93	SIoux CENTER	0	9TH ST-S.W.	390	6.0	.6	1.0	.9	.80	1010.88
84	097462K	056200	BN	00166.48	DOON	1	85S NW/C 6-97-45	8	6.0	1.0	1.0	.9	.80	34.56
84	097465F	095580	BN	00165.07	DOON	1	10E NW/C 1-97-46	40	6.0	1.0	1.0	.9	.80	172.80
04	098345T	011690	APNC	00089.98	CENTERVILLE	0	S. MAIN	1000	.5	1.0	1.0	.7	.80	280.00
04	098346A	011920	APNC	00089.97	CENTERVILLE	0	S. DRAKE	2260	.5	1.0	1.0	.7	.80	632.80
04	098356F	015890	APNC	00086.60	CENTERVILLE	1	30E NW/C16-68-17	98	.5	1.0	1.2	.7	.80	32.93
04	098358U	015880	APNC	00088.14	CENTERVILLE	1	10E NW/C8-68-17	78	.5	1.0	1.2	.7	.80	26.21
04	098359B	015870	APNC	00088.35	CENTERVILLE	1	90S NW/C5-68-17	117	.5	.1	1.2	.7	.80	99999.99



EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
04	098360V	101640	APNC	00089.41	CENTERVILLE	0	21ST ST-ELM	450	.5	.1	1.2	.7	.85	999999.99
04	098361C	101650	APNC	00089.49	CENTERVILLE	0	20TH ST	112	.5	1.0	1.0	.7	.85	33.32
04	098362J	101660	APNC	00089.63	CENTERVILLE	0	S. 18TH ST.	5770	.5	1.0	1.0	.7	.80	1615.60
04	098364X	101680	APNC	00089.89	CENTERVILLE	0	S. 15TH	404	.5	1.0	1.0	.7	.80	113.12
04	098365E	139840	APNC	00091.45	CENTERVILLE	1	W-VAN BUREN	120	.5	1.0	1.0	.7	.80	33.60
04	098366L	101700	APNC	00090.04	CENTERVILLE	0	11TH ST	50	.5	1.0	1.0	.7	.80	14.00
04	098368A	101710	APNC	00091.05	CENTERVILLE	0	VALLEY DRIVE	436	.5	1.0	1.2	.7	.80	146.50
56	098419H	135820	BN	NONE	KEOKUK	0	CARBIDE LANE	1490	1.0	1.0	1.2	.7	.75	938.70
59	098430H	139130	BN	NONE	CHARITON	1	95E05S NW-C 24-72-22	830	.5	1.0	1.0	.7	.75	217.88
78	098434K	139220	BN	NONE	COUNCIL BLUFFS	0	9TH AVE	4950	.5	1.0	1.0	.7	.75	1299.38
77	098437F	107260	BN	00068.18	DES MOINES	0	SW 9TH	7000	.5	1.0	1.0	.7	.75	1837.50
78	098438M	139850	BN	NONE	COUNCIL BLUFFS	0	S. 11TH ST.	1420	.5	1.0	1.0	.7	.75	372.75
77	098439U	139200	BN	00067.95	DES MOINES	0	SW 8TH ST (LOWER LEVEL)	50	.5	1.0	1.0	.7	.75	999999.99
14	098440N	025030	BN	00391.80	COON RAPIDS	1	75E25S NW/C33-82-33	730	1.0	1.0	1.0	.8	.80	467.20
72	185836F	039430	CNW	00188.88	SIBLEY	1	49S NW/C 16-100-41	5	6.5	1.0	1.2	.8	.80	24.96
72	185837M	039440	CNW	00189.35	SIBLEY	1	81E NW/C 20-100-41	10	6.5	1.0	1.0	.8	.80	41.60
72	185838U	039450	CNW	00190.40	SIBLEY	1	45E NW/C 29-100-41	35	6.5	1.0	1.0	.8	.80	145.60
72	1858398	039460	CNW	00191.47	SIBLEY	1	11E NW/C 32-100-41	30	6.5	1.0	1.0	.9	.80	140.40
72	185840V	011450	CNW	00192.57	SIBLEY	1	43 NW/C 6-99-41	650	6.5	.6	1.2	.9	.80	2190.24
72	185841C	039480	CNW	00193.33	SIBLEY	1	47S NW/C 6-99-41	320	6.5	.6	1.2	.9	.80	1078.27
72	185842J	039490	CNW	00194.00	SIBLEY	1	54E NW/C 12-99-42	35	6.5	1.0	1.0	.9	.80	163.80
72	185845E	014320	CNW	00195.00	SIBLEY	1	5TH ST.	1250	6.5	.6	1.0	.8	.80	3120.00
72	185846L	120360	CNW	00195.31	SIBLEY	0	9TH ST W	560	6.5	.1	1.0	.8	.85	247.52
72	185847T	131770	CNW	00195.48	SIBLEY	0	11TH ST	384	6.5	1.0	1.0	.8	.85	1697.28
72	185848A	001100	CNW	00196.00	SIBLEY	1	28E NW/C 24-99-42	65	6.5	1.0	1.0	.8	.80	270.40

EXPOSURE INDEX LIST BY FRA NUMBER

CITY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
72	185849G	039670	CNW	00197.05	SIBLEY	1	07E NW/C 25-99-42	65	6.5	1.0	1.0	.9	.80	304.20
72	185850B	039680	CNW	00198.13	SIBLEY	1	60E NW/C 35-99-42	30	6.5	1.0	1.0	.9	.80	140.40
72	185851H	039690	CNW	00199.17	ASHTON	1	39E NW/C 2-98-42	270	6.5	1.0	1.0	.9	.80	1263.60
72	185852P	096470	CNW	00200.14	ASHTON	1	10E NW/C 11-98-42	20	6.5	1.0	1.0	.9	.80	93.60
72	185853W	039700	CNW	00201.33	ASHTON	1	81E NW/C 15-98-42	650	6.5	1.0	1.0	.9	.80	3042.00
72	185854D	039710	CNW	00201.69	ASHTON	0	3RD ST.	1106	6.5	.6	1.0	.9	.85	3299.75
72	185855K	039720	CNW	00203.44	ASHTON	1	28E NW/C 27-98-42	45	6.5	1.0	1.0	.9	.80	210.60
72	185856S	039730	CNW	00204.55	ASHTON	1	81E NW/C 33-98-42	10	6.5	1.0	1.0	.9	.80	46.80
71	185857Y	055490	CNW	00205.60	ASHTON	1	40E NW/C 4-97-42	16	6.5	1.0	1.0	.9	.80	74.88
71	185858F	053220	CNW	00206.62	SHELDON	1	05E NW/C 9-97-42	263	6.5	.6	1.0	.9	.85	784.66
71	185859M	095480	CNW	00207.71	SHELDON	1	60E NW/C 17-97-42	11	6.5	1.0	1.0	.9	.80	51.48
71	185860G	095470	CNW	00208.79	SHELDON	1	20E NW/C 20-97-42	20	6.5	1.0	1.0	.9	.80	93.60
71	185861N	095460	CNW	00209.32	SHELDON	1	50S NW/C 20-97-42	45	6.5	1.0	1.2	.9	.80	252.72
71	185862V	135170	CNW	00210.60	SHELDON	1	HILLS PARK ENTRANCE	20	6.5	1.0	1.0	.9	.80	93.60
71	185863C	010490	CNW	00210.95	SHELDON	0	PARK ST.	4480	6.5	.6	1.0	.8	.80	11182.08
71	185864J	120130	CNW	00211.14	SHELDON	0	W 7TH ST	470	6.5	1.0	1.0	.7	.85	1817.73
71	185865R	120140	CNW	00211.22	SHELDON	0	W 8TH ST	577	6.5	.1	1.0	.7	.85	223.15
71	185866X	120150	CNW	00211.31	SHELDON	0	W 9TH ST	530	6.5	.1	1.0	.7	.85	204.98
71	185970S	120200	CNW	00212.00	SHELDON	0	16TH	970	6.5	1.0	1.0	.8	.80	4035.20
84	185972F	057120	CNW	00214.36	SHELDON	1	99E NW/C 14-96-43	62	6.5	1.0	1.0	.8	.80	282.88
84	185973M	057130	CNW	00215.45	SHELDON	1	65E NW/C 23-96-43	73	6.5	1.0	1.0	.8	.80	303.68
84	185974U	057140	CNW	00216.56	HOSPERS	1	20E NW/C 26-96-43	8	6.5	1.0	1.2	.8	.80	39.94
84	185975B	057150	CNW	00217.55	HOSPERS	1	10E NW/C 35-96-43	79	6.5	1.0	1.0	.8	.80	328.64
84	185976H	057160	CNW	00218.18	HOSPERS	1	55S NW/C 35-96-43	5	6.5	1.0	1.2	.8	.80	24.96
84	185978W	057180	CNW	00219.42	HOSPERS	0	MAIN ST	400	6.5	1.0	1.0	.8	.85	1768.00

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
84	185979D	111010	CNW	00219.58	HOSPERS	0	ELM ST	40	6.5	1.0	1.0	.8	.80	166.40
84	185980X	057190	CNW	00219.73	HOSPERS	1	45E NW/C 10-95-43	690	6.5	.6	1.0	.8	.80	1722.24
84	185981E	095590	CNW	00220.41	HOSPERS	1	60S NW/C 10-95-43	40	6.5	1.0	1.2	.8	.80	199.68
84	185982L	057200	CNW	00221.11	HOSPERS	1	55E NW/C 16-95-43	26	6.5	1.0	1.0	.8	.80	108.16
84	185983T	057210	CNW	00223.30	HOSPERS	1	80E NW/C 29-95-43	50	6.5	1.0	1.2	.8	.80	249.60
84	185984A	057220	CNW	00225.06	ALTON	1	35E NW/C 31-95-43	20	6.5	1.0	1.2	.8	.80	99.84
84	185985G	057230	CNW	00225.45	ALTON	1	10S NW/C 31-95-43	185	6.5	1.0	1.0	.8	.80	769.60
84	185987V	014820	CNW	00227.72	ALTON	0	10TH ST SE	558	6.5	.6	1.0	.8	.85	1479.82
84	185988C	056810	CNW	00228.08	ALTON	0	S COUNTY RD	594	6.5	.6	1.0	.8	.85	1575.29
84	185990D	057240	CNW	00229.17	ALTON	1	94E NW/C 15-94-44	83	6.5	1.0	1.0	.8	.80	345.28
84	185991K	057250	CNW	00230.46	ALTON	1	20E NW/C 22-94-44	36	6.5	1.0	1.2	.8	.80	179.71
84	185993Y	057260	CNW	00231.55	ALTON	1	65E NW/C 28-94-44	27	6.5	1.0	1.0	.8	.80	112.32
84	185994F	057270	CNW	00232.62	ALTON	1	70S NW/C 28-94-44	440	6.5	1.0	1.2	.8	.85	2333.76
84	185996U	001470	CNW	00234.05	ALTON	1	90S NW/C 32-94-44	2	6.5	1.0	1.2	.8	.80	39.94
75	1859978	054930	CNW	00235.47	STRUBLE	1	35E NW/C 7-93-44	30	6.5	1.0	1.0	.8	.80	124.80
75	186001W	054950	CNW	00237.68	LE MARS	1	06E NW/C 24-93-45	250	6.5	1.0	1.2	.8	.80	1248.00
75	186002D	054960	CNW	00239.07	LE MARS	1	50E NW/C 26-93-45	62	6.5	1.0	1.0	.8	.80	257.92
75	186003K	054970	CNW	00240.65	LE MARS	1	20E NW/C 34-93-45	113	6.5	1.0	1.2	.8	.80	564.10
75	186004S	054980	CNW	00241.78	LE MARS	1	70E NW/C 4-92-45	36	6.5	1.0	1.0	.8	.80	149.76
75	186005Y	112950	CNW	00243.37	LE MARS	0	6TH ST NE	100	6.5	1.0	1.0	.7	.80	364.00
75	186006F	112880	CNW	00243.81	LE MARS	0	1ST ST N.E.	2500	6.5	.6	1.2	.7	.85	6961.50
08	190300K	099450	CNW	00202.91	BOONE	0	STORY	5034	25.0	.1	1.0	.9	1.00	11326.50
08	190301S	099350	CNW	00203.09	BOONE	0	GREENE	3000	26.5	.1	1.0	.9	1.00	7155.00
08	190302Y	099330	CNW	00203.18	BOONE	0	CARROLL	544	25.0	.6	1.0	.9	1.00	7344.00
08	190303F	099340	CNW	00203.15	BOONE	0	9TH ST & CARROLL	206	.5	1.0	2.0	.7	.75	108.15



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08	190304M	099460	CNW	00203-15	BOONE	0	CRAWFORD ST	640	.5	1.0	1.0	.7	.75	168.00
08	190305U	099300	CNW	00203-27	BOONE	0	CRAWFORD	640	24.5	.1	1.0	.9	1.00	1411.20
08	190306B	099290	CNW	00203-36	BOONE	0	MONONA	300	24.0	1.0	1.0	.9	1.00	6480.00
08	190307H	099250	CNW	00203-63	BOONE	0	DIVISION ST	2126	24.0	.1	1.0	.9	1.00	4592.16
08	190309W	099200	CNW	00204-17	BOONE	0	MARION ST	1550	24.0	.1	1.0	1.0	1.00	3720.00
08	190311X	081610	CNW	00204-85	BOONE	0	MONTANA	100	24.0	.1	1.0	1.0	1.00	240.00
08	190314T	082600	CNW	00205-90	BOONE	1	75E07S NW/C 25-84-27	94	24.0	1.0	1.0	1.0	1.00	2256.00
08	190316G	082610	CNW	00207-03	BOONE	1	60E25S NW/C 26-84-27	24	24.0	1.0	1.2	1.0	1.00	691.20
08	190320W	082520	CNW	00209-20	OGDEN	1	60E NW/C 33-84-27	53	24.0	1.0	2.0	1.0	1.00	2544.00
08	190321D	092180	CNW	00213-91	OGDEN	0	THIRD ST	563	24.0	.1	1.0	1.0	1.00	1351.20
08	190322K	002760	CNW	00213-97	OGDEN	0	FIRST ST	1668	24.0	.1	1.0	1.0	1.00	4003.20
08	190324Y	092210	CNW	00214-15	OGDEN	0	FOURTH ST	1100	24.0	.1	1.0	1.0	1.00	2640.00
08	190325F	092220	CNW	00214-40	OGDEN	0	7TH ST	360	24.0	.1	1.0	1.0	1.00	864.00
08	190326M	082490	CNW	00214-98	OGDEN	1	71S NW/C 31-84-27	30	24.0	1.0	1.0	1.0	1.00	720.00
08	190329H	082480	CNW	00216-98	OGDEN	1	80S NW/C 35-84-28	46	24.0	1.0	1.0	1.0	1.00	1104.00
08	190332R	082470	CNW	00218-99	BEAVER	1	90S NW/C 33-84-28	83	24.0	1.0	1.0	1.0	1.00	1992.00
08	190334E	082460	CNW	00219-99	BEAVER	1	95S NW/C 32-84-28	407	24.0	.1	1.0	1.0	1.00	976.80
08	190335L	082450	CNW	00220-99	BEAVER	1	98S NW/C 31-84-28	35	24.0	1.0	1.0	1.0	1.00	840.00
37	190336T	029880	CNW	00221-99	GRAND JUNCTION	1	NW/C 1-83-29	15	24.0	1.0	1.0	1.0	1.00	360.00
37	190337A	029870	CNW	00222-99	GRAND JUNCTION	1	07S NW/C 2-83-29	220	24.0	.1	1.0	1.0	1.00	528.00
37	190339N	125830	CNW	00224-26	GRAND JUNCTION	0	19TH ST	155	25.5	.8	1.0	1.0	1.00	3162.00
37	190340H	125820	CNW	00224-47	GRAND JUNCTION	0	16TH ST	206	25.5	.8	1.0	1.0	1.00	4202.40
37	190341P	029860	CNW	00224-65	GRAND JUNCTION	0	13TH ST	206	25.5	.8	1.0	1.0	1.00	4202.40
37	190342W	014300	CNW	00224-96	GRAND JUNCTION	0	9TH ST	1070	25.5	.1	1.0	1.0	1.00	2728.50
37	190343D	092360	CNW	00225-22	GRAND JUNCTION	0	5TH ST	103	25.5	1.0	1.0	1.0	1.00	2626.50

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37	190344K	029850	CNW	00226.97	GRAND JUNCTION	1	45S NW/C 6-83-29	280	24.0	.1	1.0	1.0	1.00	672.00
23	190346Y	090040	CNW	00000.20	CLINTON	0	6TH AVE SO	1450	.5	1.0	1.0	.7	.75	380.63
23	190347F	103040	CNW	00000.15	CLINTON	0	4TH AVE S	300	.5	1.0	1.0	.7	.75	999999.99
23	190348M	103010	CNW	00000.15	CLINTON	0	SO 1ST ST	500	.5	1.0	1.2	.7	.85	178.50
23	190349U	103000	CNW	00000.15	CLINTON	0	2ND AVE SO	1240	.5	1.0	1.0	.7	.85	368.90
23	190350N	102990	CNW	00000.15	CLINTON	0	4TH AVE NO	200	.5	1.0	1.0	.7	.85	59.50
23	190353J	092370	CNW	00000.12	CLINTON	0	10TH AVENUE SOUTH	640	.5	1.0	1.0	.7	.75	168.00
23	190360U	103220	CNW	00002.87	CLINTON	0	LIBERTY AVE	400	.5	1.0	1.2	.7	.75	126.00
23	190362H	092400	CNW	00002.87	CLINTON	0	HARRISON DRIVE	1180	.5	1.0	1.0	.7	.75	309.75
23	190363P	092410	CNW	00002.87	CLINTON	0	SO 21ST ST	1000	.5	1.0	1.2	.7	.75	315.00
23	190365D	092440	CNW	00002.87	CLINTON	0	MANUFACTURING DR	200	.5	.6	1.0	.7	.75	31.50
23	190366K	103230	CNW	00002.87	CLINTON	0	SO 19TH ST	2400	.5	1.0	1.2	.7	.75	756.00
23	190367S	103250	CNW	00002.87	CLINTON	0	SO 13TH AVE	400	.5	1.0	1.0	.7	.75	999999.99
23	190368Y	092420	CNW	00002.87	CLINTON	0	SO 12TH AVE	200	.5	1.0	1.0	.7	.75	52.50
23	190370A	023810	CNW	00004.30	CAMANCHE	0	7TH AVE	1710	24.0	.1	1.0	1.0	1.00	4104.00
23	190371G	023790	CNW	00005.27	CAMANCHE	0	CAMANCHE-ANAMOSA RD	1200	24.0	.1	1.0	1.0	1.00	2880.00
23	190372N	023470	CNW	00006.50	CLINTON	1	78E NW/C 30-81-E6	100	.5	1.0	1.2	.7	.75	31.50
23	190374C	023730	CNW	00007.52	LOW MOOR	1	17S NW/C 30-81-E6	100	34.0	1.0	1.0	1.0	1.00	3400.00
23	190376R	023720	CNW	00009.01	LOW MOOR	1	50E99S NW/C 23-81-5	450	24.0	1.0	2.0	1.0	1.00	21600.00
23	190377X	023710	CNW	00009.61	LOW MOOR	0	3RD ST.	1960	24.0	.1	1.0	1.0	1.00	4704.00
23	190379L	023700	CNW	00012.60	LOW MOOR	1	50S NW/C 20-81-E5	150	24.0	1.0	1.0	1.0	1.00	3600.00
23	190380F	023690	CNW	00013.60	LOW MOOR	1	37S NW/C 19-81-E5	30	24.0	1.0	1.0	1.0	1.00	720.00
23	190383B	023680	CNW	00014.68	DE WITT	1	22S NW/C 24-81-E4	30	24.0	1.0	1.0	1.0	1.00	720.00
23	190384H	023670	CNW	00015.60	DE WITT	1	NW/C 23-81-E4	50	24.0	.1	1.0	1.0	1.00	120.00
23	190385P	023660	CNW	00017.76	DE WITT	1	83E99S NW/C 17-81-E4	60	24.0	1.0	1.0	1.0	1.00	1440.00



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23	190387D	092430	CNW	00018.69	DE WITT	0	3RD AVE EAST	474	24.0	.1	1.0	1.0	1.00	1137.60
23	190388K	004660	CNW	00019.20	DE WITT	0	6TH AVE	7600	24.0	.1	1.0	1.0	1.00	18240.00
23	190389S	106180	CNW	00019.43	DE WITT	0	9TH AVE	384	24.0	.1	1.0	1.0	1.00	921.60
23	190390L	023650	CNW	00021.74	DE WITT	1	50S NW/C 14-81-E3	290	24.0	.1	1.0	1.0	1.00	696.00
23	190391T	023640	CNW	00022.79	DE WITT	1	35S NW/C 15-81-E3	35	24.0	1.0	1.0	1.0	1.00	840.00
23	190394N	095860	CNW	00024.02	GRAND MOUND	1	80E45S NW/C 17-81-E3	20	24.0	1.0	1.0	1.0	1.00	480.00
23	190395V	125860	CNW	00024.77	GRAND MOUND	0	EAST ST	720	24.0	.1	1.0	1.0	1.00	1728.00
23	190396C	023630	CNW	00024.87	GRAND MOUND	0	SMITH ST	558	24.0	.1	1.0	1.0	1.00	1339.20
23	190397J	125850	CNW	00024.99	GRAND MOUND	0	WILLIAMS ST	219	24.0	.1	1.0	1.0	1.00	525.60
23	190398R	023620	CNW	00026.76	GRAND MOUND	1	26S NW/C 13-81-E2	50	24.0	1.0	1.0	1.0	1.00	1200.00
23	190399X	023610	CNW	00028.76	CALAMUS	1	20S NW/C 15-81-E2	620	24.0	.1	1.0	1.0	1.00	1488.00
23	190400P	100900	CNW	00030.60	CALAMUS	0	2ND ST	483	24.0	.1	1.0	1.0	1.00	1159.20
23	190401W	023600	CNW	00030.71	CALAMUS	0	1ST ST	200	24.0	.1	1.0	1.0	1.00	480.00
23	190403K	023590	CNW	00032.01	CALAMUS	1	75E18S NW/C 13-81-E1	150	24.0	1.0	1.0	1.0	1.00	3600.00
23	190406F	023560	CNW	00034.81	WHEATLAND	0	50 TORONTO ST	1100	24.0	.1	1.0	1.0	1.00	2640.00
23	190407M	125280	CNW	00034.97	WHEATLAND	0	50 WILLIAMS ST	219	24.0	.1	1.0	1.0	1.00	525.60
23	190408U	023540	CNW	00037.44	WHEATLAND	1	50E25S NW/C 7-81-E1	60	24.0	1.0	1.0	1.0	1.00	1440.00
23	190409B	023550	CNW	00035.55	WHEATLAND	1	25E75S NW/C 9-81-E1	26	24.0	1.0	1.0	1.0	1.00	624.00
16	190413R	025510	CNW	00039.05	LOWDEN	0	NR S.E. CORP-LINE	100	24.0	1.0	1.0	1.0	1.00	2400.00
16	190414X	078620	CNW	00039.65	LOWDEN	0	WASHINGTON AVE.	835	24.0	.1	1.0	1.0	1.00	2004.00
16	190417T	078610	CNW	00039.85	LOWDEN	0	HARDING AVE	558	24.0	.1	1.0	1.0	1.00	1339.20
16	190419G	025560	CNW	00040.28	LOWDEN	1	90E95S NW/C 34-82-1	255	24.0	.1	1.0	1.0	1.00	612.00
16	190427B	025260	CNW	00041.35	LOWDEN	1	50S NW/C 34-82-1	163	24.0	.1	1.0	1.0	1.00	391.20
16	190424D	078590	CNW	00043.58	CLARENCE	1	75S NW/C 29-82-1	74	24.0	.1	1.0	1.0	1.00	177.60
16	190425K	078580	CNW	00044.64	CLARENCE	1	50S NW/C 30-82-1	23	24.0	1.0	1.0	1.0	1.00	552.00

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
16	190428F	078570	CNW	00045.59	CLARENCE	1	25S NW/C 25-82-2	89	24.0	.1	1.0	1.0	1.00	213.60
16	190429M	078600	CNW	00046.11	CLARENCE	1	50E10S NW/C 26-82-2	277	24.0	1.0	1.0	1.0	1.00	6648.00
16	190430G	048390	CNW	00046.44	CLARENCE	0	9 1/2 AVE	846	24.0	.1	1.0	1.0	1.00	2030.40
16	190435R	078540	CNW	00046.97	CLARENCE	0	4TH AVE	113	24.0	1.0	1.0	1.0	1.00	2712.00
16	190436X	078530	CNW	00047.22	CLARENCE	0	1ST AVE	558	24.0	.1	1.0	1.0	1.00	1339.20
16	190437E	078520	CNW	00048.20	CLARENCE	1	50E85S NW/C 21-82-2	89	24.0	.1	1.0	1.0	1.00	213.60
16	190440M	078510	CNW	00050.72	STANWOOD	1	85S NW/C 19-82-2	110	24.0	.1	1.0	1.0	1.00	264.00
16	190441U	006140	CNW	00051.42	STANWOOD	1	50E NW/C 25-82-3	4100	.5	1.0	1.0	.7	.80	1148.00
16	190442B	121740	CNW	00051.44	STANWOOD	0	50 MAPLE ST	219	24.0	.1	1.0	1.0	1.00	525.60
16	190443H	012150	CNW	00051.50	STANWOOD	0	MAIN ST	487	24.0	.1	1.0	1.0	1.00	1168.80
16	190445W	121730	CNW	00051.71	STANWOOD	0	50 ASH ST	1790	24.0	.1	1.0	1.0	1.00	4296.00
16	190447K	078450	CNW	00053.73	STANWOOD	1	40S NW/C 22-82-3	57	24.0	.1	1.0	1.0	1.00	136.80
16	190449Y	078440	CNW	00054.77	MECHANICSVILLE	1	50S NW/C 21-82-3	49	24.0	1.0	1.0	1.0	1.00	1176.00
16	190450T	003580	CNW	00055.42	MECHANICSVILLE	1	40E 60S NW/C 20-82-3	81	24.0	.1	1.2	1.0	1.00	233.28
16	190451A	078430	CNW	00056.02	MECHANICSVILLE	1	75E 50S NW/C 19-82-3	64	24.0	.2	1.0	1.0	1.00	1228.80
16	190452G	092470	CNW	00057.10	MECHANICSVILLE	0	50 CHERRY ST	558	24.0	.1	1.0	1.0	1.00	1339.20
16	190453N	078420	CNW	00057.36	MECHANICSVILLE	0	MADISON ST	1130	24.0	.1	1.0	1.0	1.00	2712.00
16	190454V	078410	CNW	00057.91	MECHANICSVILLE	1	90S NW/C 13-82-4	15	24.0	1.0	1.0	1.0	1.00	360.00
16	190455C	078400	CNW	00058.44	MECHANICSVILLE	1	50E80S NW/C 14-82-4	15	24.0	1.0	1.0	1.0	1.00	360.00
16	190456J	078390	CNW	00058.97	MECHANICSVILLE	1	50S NW/C 14-82-4	13	24.0	1.0	1.0	1.0	1.00	312.00
16	190457R	078380	CNW	00059.82	MECHANICSVILLE	1	25E 25S NW/C 15-82-4	30	24.0	1.0	1.0	1.0	1.00	720.00
16	190458X	003570	CNW	00060.38	MECHANICSVILLE	1	60E NW/C 16-82-4	68	24.0	.1	2.0	1.0	1.00	422.40
16	190460Y	078370	CNW	00061.12	LISBON	1	80S NW/C 9-82-4	46	24.0	1.0	1.0	1.0	1.00	1104.00
16	190461F	078360	CNW	00061.92	LISBON	1	20E 50S NW/C 8-82-4	25	24.0	1.0	1.2	1.0	1.00	720.00
16	190463U	078350	CNW	00062.61	LISBON	1	50E44S NW/C 7-82-4	44	24.0	1.0	1.0	1.0	1.00	1056.00

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
57	190465H	082440	CNW	00063.42	LISBON	1	75E 40S NW/C 12-82-5	110	24.0	.1	1.0	1.0	1.00	264.00
57	190468D	082430	CNW	00064.20	LISBON	0	WASHINGTON ST	594	24.0	.1	1.0	1.0	1.00	1425.60
57	190469K	082420	CNW	00064.95	LISBON	0	GILLETTE LN	200	24.0	1.0	1.0	1.0	1.00	4800.00
57	190471L	011430	CNW	00065.47	MOUNT VERNON	0	N 1ST AVE	3540	24.0	.1	1.0	1.0	1.00	8496.00
57	190472T	082410	CNW	00066.15	MOUNT VERNON	0	N 8TH AVE	550	24.0	.1	1.0	1.0	1.00	1320.00
57	190475N	082400	CNW	00067.69	MOUNT VERNON	1	50E 15S NW/C 8-82-5	160	24.5	.1	1.0	1.0	1.00	392.00
57	190476V	082390	CNW	00069.90	MOUNT VERNON	1	50E 60S NW/C 1-82-6	25	24.0	.1	1.2	1.0	1.00	72.00
57	190477C	092490	CNW	00072.37	BERTRAM	0	ELY ST	44	24.0	.8	1.0	1.0	1.00	844.80
57	190478J	082380	CNW	00072.96	BERTRAM	0	BLAINES CROSSING	113	24.0	.8	1.0	1.0	1.00	2169.60
57	190488P	100770	CNW	00078.00	CEDAR RAPIDS	0	STEWART ROAD SE	50	1.5	1.0	1.0	.7	.80	999999.99
57	190492E	100850	CNW	00079.50	CEDAR RAPIDS	0	OTIS ROAD SE	1424	1.5	.8	1.2	.7	.80	1148.31
57	190494T	100840	CNW	00080.50	CEDAR RAPIDS	0	15TH AVE & 10TH ST SE	359	1.5	1.0	2.0	.7	.85	640.82
57	190495A	100470	CNW	00080.80	CEDAR RAPIDS	0	12TH AVE SE	7726	1.5	.6	1.2	.7	.80	4672.68
57	190496G	100460	CNW	00080.80	CEDAR RAPIDS	0	12TH AVE SE	9646	1.5	.6	1.0	.7	.85	5165.43
57	190497N	091420	CNW	NONE	CEDAR RAPIDS	0	3RD ST SE	4420	.5	.1	1.0	.7	.75	999999.99
57	190499C	100430	CNW	00080.99	CEDAR RAPIDS	0	10TH AVE & 4TH ST SE	372	1.5	.6	1.0	.7	.80	167.49
57	190500U	100420	CNW	00081.04	CEDAR RAPIDS	0	9TH AVE & 4TH ST SE	300	1.5	.6	1.0	.7	.85	160.65
57	190501B	045090	CNW	00081.10	CEDAR RAPIDS	0	8TH AVE & 4TH ST SE	9073	1.5	.1	1.0	.7	.85	809.77
57	190502H	100410	CNW	00081.16	CEDAR RAPIDS	0	7TH AVE & 4TH ST SE	650	1.5	.6	1.0	.7	.85	346.08
57	190503P	100400	CNW	00081.23	CEDAR RAPIDS	0	6TH AVE & 4TH ST SE	1110	1.5	.6	1.0	.7	.85	594.41
57	190504W	100390	CNW	00081.29	CEDAR RAPIDS	0	5TH AVE & 4TH ST SE	3772	1.5	.6	1.0	.7	.85	2019.91
57	190505D	092500	CNW	00081.37	CEDAR RAPIDS	0	4TH AVE & 4TH ST SE	4072	1.5	.6	1.0	.7	.85	2180.56
57	190506K	100380	CNW	00081.43	CEDAR RAPIDS	0	3RD AVE & 4TH ST SE	12064	2.5	.6	1.0	.7	.85	10767.12
57	190507S	100370	CNW	00081.50	CEDAR RAPIDS	0	2ND AVE & 4TH ST	10451	2.5	.6	1.0	.7	.85	9327.52
57	190508Y	100360	CNW	00081.56	CEDAR RAPIDS	0	1ST AVE & 4TH ST NE	20100	2.5	.6	1.0	.7	.85	17939.25



## EXPOSURE INDEX LIST BY FRA NUMBER

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57	190510A	100720	CNW	00082.10	CEDAR RAPIDS	0	1ST ST NW	3423	2.5	1.0	1.0	.7	.85	5091.71
57	190511G	100740	CNW	00082.23	CEDAR RAPIDS	0	I AVE NW	1473	2.5	.6	1.0	.7	.85	1314.65
57	190512N	100750	CNW	00082.35	CEDAR RAPIDS	0	G AVE NW	644	2.5	.8	1.0	.7	.85	766.36
57	190513V	100760	CNW	00082.41	CEDAR RAPIDS	0	F AVE NW	7660	2.5	.8	1.0	.7	.85	9115.40
57	190514C	100790	CNW	00082.47	CEDAR RAPIDS	0	E AVE NW	8180	2.5	.8	1.0	.7	.85	9734.20
57	190515J	091800	CNW	00082.62	CEDAR RAPIDS	0	C AVE NW	1790	2.5	.8	1.2	.7	.85	2556.12
57	190516R	100810	CNW	00082.68	CEDAR RAPIDS	0	B AVE NW	295	2.5	.8	1.0	.7	.85	351.05
57	190517X	090160	CNW	00082.80	CEDAR RAPIDS	0	1ST AVE NW	14100	2.5	.6	1.2	.7	.80	14212.80
57	190518E	100820	CNW	00083.55	CEDAR RAPIDS	0	2ND AVE SW	4540	2.5	.8	1.2	.7	.80	6101.76
57	190519L	100640	CNW	00083.63	CEDAR RAPIDS	0	3RD AVE S.W.	4975	2.5	.8	1.0	.7	.80	5572.00
57	190520F	038990	CNW	00083.79	CEDAR RAPIDS	0	8TH AVE SW	4770	2.5	.8	1.0	.7	.85	5676.30
57	190523B	080370	CNW	00084.25	CEDAR RAPIDS	0	WILSON AVE SW	6900	2.5	.6	1.0	.7	1.00	7245.00
57	190526W	082350	CNW	00085.94	CEDAR RAPIDS	0	21ST ST SW	146	24.0	.1	1.2	1.0	1.00	420.48
57	190527D	080380	CNW	00078.86	CEDAR RAPIDS	0	"C" ST SW	970	24.0	.1	1.0	1.0	.80	1862.40
57	190529S	045810	CNW	00080.32	CEDAR RAPIDS	0	"J" ST	5724	24.0	.1	1.0	1.0	1.00	13737.60
57	190532A	082360	CNW	00086.50	CEDAR RAPIDS	0	EDGEWOOD ROAD	805	24.0	.1	1.0	1.0	1.00	1932.00
57	190533G	082340	CNW	00087.22	CEDAR RAPIDS	1	20E SOS NW/C 12-82-8	10	24.0	1.0	1.0	1.0	1.00	240.00
57	190538R	082330	CNW	00090.00	FAIRFAX	0	VANDERBILT ST	1106	34.0	.1	1.0	1.0	1.00	3760.40
57	190543M	082320	CNW	00092.60	FAIRFAX	1	30S NW/C 12-82-8	100	62.0	.1	1.0	1.0	1.00	620.00
06	190547P	082310	CNW	00094.98	NORWAY	1	75E55 NW/C 15-82-9	35	34.0	1.0	1.0	1.0	1.00	1190.00
06	190551E	082300	CNW	00097.27	NORWAY	0	EUCLID AVE	1185	34.0	.1	1.0	1.0	1.00	4029.00
06	190552L	116780	CNW	00097.46	NORWAY	0	UNION STREET	219	34.0	.8	1.0	1.0	1.00	5956.80
06	190553T	079990	CNW	00097.80	NORWAY	1	35S NW/C 20-82-9	190	34.0	1.0	1.0	1.0	1.00	6460.00
06	190556N	079980	CNW	00098.83	NORWAY	1	65S NW/C 19-82-9	4	34.0	1.0	1.0	1.0	1.00	136.00
06	190558C	079970	CNW	00099.90	NORWAY	1	80S NW/C 24-82-10	2	34.0	1.0	1.0	1.0	1.00	66.00

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	FR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
06	190560D	079960	CNW	00100.77	NORWAY	1	20E05S NW/C 26-82-10	90	34.0	1.0	1.0	1.0	1.00	3060.00
06	190562S	079940	CNW	00100.94	NORWAY	1	05S NW/C 26-82-10	336	34.0	.1	1.0	1.0	1.00	1142.40
06	190563Y	079930	CNW	00101.97	NORWAY	1	80S NW/C 22-82-10	8	34.0	1.0	1.0	1.0	1.00	272.00
06	190564F	079920	CNW	00104.26	BLAIRSTOWN	1	90E10S NW/C 19-82-10	76	34.0	1.0	1.0	1.0	1.00	2584.00
06	190565M	079910	CNW	00104.65	BLAIRSTOWN	1	50E NW/C 19-82-10	787	34.0	.1	1.2	1.0	1.00	3210.96
06	190568H	098980	CNW	00106.08	BLAIRSTOWN	0	CEDAR ST	336	60.0	.1	1.0	1.0	1.00	2016.00
06	190569F	005720	CNW	00106.20	BLAIRSTOWN	0	LOCUST ST.	1780	56.5	.1	1.0	1.0	1.00	10057.00
06	190571R	079890	CNW	00108.22	BLAIRSTOWN	1	50S NW/C 15-82-11	90	34.0	1.0	1.0	1.0	1.00	3060.00
06	190572X	079880	CNW	00110.35	LUZERNE	1	60S NW/C 17-82-11	91	34.0	1.0	1.0	1.0	1.00	3094.00
06	190579V	098600	CNW	00116.37	BELLE PLAINE	0	9TH AVE	1059	34.0	.1	1.0	1.0	1.00	3600.60
06	190580P	098620	CNW	00116.45	BELLE PLAINE	0	8TH AVE	1471	34.0	.1	1.0	1.0	1.00	5001.40
06	190581W	083760	CNW	00116.52	BELLE PLAINE	0	7TH AVE	4240	34.0	.1	1.0	1.0	1.00	14416.00
06	190582D	079870	CNW	NONE	BELLE PLAINE	0	8TH ST	391	.5	1.0	1.0	.7	.75	102.64
86	190583K	079160	CNW	00118.10	BELLE PLAINE	1	45E50S NW/C 24-82-13	19	34.0	1.0	1.0	1.0	1.00	646.00
86	190584S	079150	CNW	00118.57	BELLE PLAINE	1	40S NW/C 24-82-13	30	79.0	.1	1.0	1.0	1.00	237.00
86	190587M	139290	CNW	00120.30	CHELSEA	1	95S NWC 15-82-13	12	.5	1.0	1.0	.7	1.00	4.20
86	1905896	079140	CNW	00122.75	CHELSEA	0	MAIN ST	16	34.0	1.0	1.0	1.0	1.00	544.00
86	190590V	079130	CNW	00122.89	CHELSEA	0	STATION ST.	1266	34.0	.6	1.0	1.0	1.00	25826.40
86	190591C	079120	CNW	00123.03	CHELSEA	0	JACOBS ST.	104	34.0	1.0	2.0	1.0	1.00	7072.00
86	190592J	079110	CNW	00124.06	CHELSEA	1	65S NW/C 7-82-13	5	34.0	1.0	1.0	1.0	1.00	170.00
86	190593R	079080	CNW	00127.95	CHELSEA	1	50E25S NW/C 4-82-14	38	79.0	.1	1.0	1.0	1.00	300.20
86	190594X	079100	CNW	00125.12	CHELSEA	1	10S NW/C 12-82-14	3	34.0	1.0	1.0	1.0	1.00	102.00
86	190595E	079090	CNW	00126.70	CHELSEA	1	50E60S NW/C 3-82-14	4	34.0	1.0	1.0	1.0	1.00	136.00
86	190596L	079070	CNW	00128.95	TAMA	1	50E NW/C 5-82-14	16	34.0	1.0	1.0	1.0	1.00	544.00
86	190597T	079060	CNW	00130.20	TAMA	1	90S NW/C 32-83-14	13	34.0	1.0	1.0	1.0	1.00	442.00

EXPOSURE INDEX LIST BY FRA NUMBER

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86	190598A	079040	CNW	00131.20	TAMA	1	85S NW/C 31-83-14	20	34.0	1.0	1.0	1.0	1.00	680.00
86	190599G	079050	CNW	00130.94	TAMA	1	50E60S NW/C 36-83-15	25	34.0	1.0	1.0	1.0	1.00	850.00
86	190600Y	122610	CNW	00132.60	TAMA	0	HALL ST	384	34.0	1.0	1.0	1.0	1.00	13056.00
86	190601F	122620	CNW	00132.68	TAMA	0	HARMON ST.	384	34.0	1.0	1.0	1.0	1.00	13056.00
86	190602M	014960	CNW	00132.74	TAMA	0	STATE ST	3300	34.0	.1	1.0	1.0	1.00	11220.00
86	190603U	122640	CNW	00132.80	TAMA	0	MCCLELLAN ST	833	34.0	.6	1.0	1.0	1.00	16993.20
86	190604B	090020	CNW	00132.86	TAMA	0	SIGEL ST	100	34.0	.1	1.0	1.0	1.00	340.00
86	190607W	079030	CNW	00135.62	TAMA	1	10E50S NW/C 29-83-15	420	60.0	.1	1.0	1.0	1.00	2520.00
86	190609K	079020	CNW	00140.00	MONTOUR	0	DIVISION ST	558	34.0	.2	1.0	1.0	1.00	15177.60
86	190610E	115590	CNW	00140.05	MONTOUR	0	MAIN ST	835	34.0	.8	1.0	1.0	1.00	22712.00
86	190611L	079010	CNW	00142.74	LE GRAND	1	25E75S NW/C 18-83-16	43	44.0	.1	1.0	1.0	1.00	189.20
64	190613A	008950	CNW	00144.15	LE GRAND	1	25S NW/C 13-83-17	1930	34.0	.1	1.0	.7	1.00	4593.40
64	190616V	038930	CNW	00145.86	MARSHALLTOWN	1	60E 30SNW/C 10-83-17	10	34.0	1.0	1.0	1.0	1.00	340.00
64	190618J	038910	CNW	00147.36	MARSHALLTOWN	1	17E 90S NW/C 4-83-17	120	79.0	.1	1.2	1.0	1.00	1137.60
64	190619R	092260	CNW	00149.68	MARSHALLTOWN	0	BEER GARDEN RD	700	34.0	1.0	1.0	1.0	1.00	23800.00
64	190620K	114400	CNW	00150.50	MARSHALLTOWN	0	12TH ST.	4661	34.0	.1	1.0	1.0	1.00	15847.40
64	190623F	114510	CNW	00151.68	MARSHALLTOWN	0	2ND ST	700	34.0	1.0	1.0	1.0	1.00	23800.00
64	190625U	095290	CNW	00152.03	MARSHALLTOWN	0	6TH ST	6000	24.0	.1	1.0	1.0	1.00	14400.00
64	190626B	095240	CNW	00152.58	MARSHALLTOWN	0	12TH STREET LC	1679	24.0	.1	1.0	1.0	1.00	4029.60
64	190627H	114560	CNW	00242.48	MARSHALLTOWN	0	12TH ST	936	4.0	.6	1.0	.8	.80	1437.70
64	190628P	014000	CNW	00242.75	MARSHALLTOWN	0	9TH ST	5040	4.0	.6	1.0	.8	.80	7741.44
64	190629W	114550	CNW	00243.02	MARSHALLTOWN	0	6TH ST	5800	4.0	.6	1.0	.8	.80	8908.80
64	190630R	114540	CNW	00243.10	MARSHALLTOWN	0	5TH ST	300	4.0	1.0	1.0	.8	.80	758.00
64	190631X	114530	CNW	00243.19	MARSHALLTOWN	0	4TH ST	300	4.0	1.0	1.0	.8	.85	816.00
64	190635A	092270	CNW	00150.68	MARSHALLTOWN	0	BOONE ST	200	1.0	1.0	1.0	.7	.75	99999.99



EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
64	190636G	092280	CNW	00150-62	MARSHALLTOWN	0	MAIN ST	3174	1.0	1.0	1.0	.7	.75	1666.35
64	190637N	092290	CNW	00150-68	MARSHALLTOWN	0	E STATE ST	3152	1.0	1.0	1.0	.7	.75	1654.80
64	190638V	092300	CNW	00150-68	MARSHALLTOWN	0	BROMLEY ST	400	1.0	1.0	1.0	.7	.75	210.00
64	190639C	092310	CNW	00150-68	MARSHALLTOWN	0	WOODBURY ST	300	1.0	1.0	1.0	.7	.75	157.50
64	190643S	140210	CNW	NONE	MARSHALLTOWN	0	E. MADISON ST	1600	8.0	.6	1.2	.8	.85	6266.88
64	190644Y	114480	CNW	NONE	MARSHALLTOWN	0	SO 1ST AVE	406	8.0	.6	2.0	.8	.85	2650.37
64	190649H	114440	CNW	00277-47	MARSHALLTOWN	0	7TH AVE	2600	8.0	1.0	1.0	.8	.80	14336.00
64	190650C	114420	CNW	NONE	MARSHALLTOWN	0	NEVADA ST	3447	.5	1.0	1.0	.7	.75	904.84
64	190651J	114430	CNW	00277-56	MARSHALLTOWN	0	8TH AVE	1050	8.0	1.0	1.0	.8	.80	5376.00
64	190652R	114410	CNW	00278-12	MARSHALLTOWN	0	12TH AVE	3852	8.0	.6	1.2	.8	.80	14200.01
64	190655L	092350	CNW	00278-71	MARSHALLTOWN	0	18TH AVE	700	8.0	1.0	1.0	.8	.80	3584.00
64	190657A	004180	CNW	00245-14	MARSHALLTOWN	1	78E 50S NW/C 6-83-18	1930	.5	.1	2.0	.7	.75	999999.99
64	190658G	038250	CNW	00154-45	MARSHALLTOWN	1	90S NW/C 4-83-18	120	24.0	.1	1.0	1.0	1.00	288.00
64	190662W	038230	CNW	00156-56	MARSHALLTOWN	1	50S NW/C 6-83-18	10	24.0	.1	1.0	1.0	1.00	24.00
64	190663D	140480	CNW	00157-07	MARSHALLTOWN	1	50E50SNW/C1-83-19	5	24.0	1.0	1.0	1.0	1.00	120.00
64	190664K	038220	CNW	00158-60	MARSHALLTOWN	1	53S NW/C 2-83-19	130	24.0	.1	1.0	1.0	1.00	312.00
64	190665S	038210	CNW	00159-64	MARSHALLTOWN	1	04S NW/C 3-83-19	19	24.0	1.0	1.0	1.0	1.00	456.00
64	190669U	038200	CNW	00161-69	MARSHALLTOWN	1	75S NW/C 5-83-19	75	24.0	.1	1.0	1.0	1.00	180.00
64	190670N	038190	CNW	00164-50	STATE CENTER	1	50E 99S NW/C 2-83-20	30	24.0	.8	1.0	1.0	1.00	576.00
64	190671V	121770	CNW	00165-39	STATE CENTER	0	3RD AVE NE	219	24.0	.8	1.0	1.0	1.00	4204.80
64	190672C	121760	CNW	00165-55	STATE CENTER	0	1ST AVE NO.	878	24.0	.1	1.0	1.0	1.00	2107.20
64	190673J	038180	CNW	00165-63	STATE CENTER	0	2ND AVE NW	219	24.0	.1	1.0	1.0	1.00	525.60
64	190674R	121750	CNW	00165-72	STATE CENTER	0	3RD AVE NW	392	24.0	.1	1.0	1.0	1.00	940.80
64	190676E	038170	CNW	00167-15	STATE CENTER	1	70S NW/C 9-83-20	40	24.0	1.0	1.0	1.0	1.00	960.00
85	190681B	079540	CNW	00170-16	COLO	1	25S NW/C 12-83-21	50	24.0	1.0	1.0	1.0	1.00	1200.00

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
85	190682H	079530	CNW	00171.14	COLO	1	25S NW/C 11-83-21	5	24.0	1.0	1.0	1.0	1.00	120.00
85	190685D	058280	CNW	00173.36	COLO	0	FOURTH	727	24.0	.1	1.0	1.0	1.00	1744.80
85	190686K	079520	CNW	00173.60	COLO	0	WEST ST	558	24.0	.1	1.0	1.0	1.00	1339.20
85	190687S	079510	CNW	00175.61	COLO	1	50E25S NW/C 12-83-22	50	24.0	1.0	1.0	1.0	1.00	1200.00
85	190688Y	079500	CNW	00176.58	COLO	1	50E25S NW/C 11-83-22	43	24.0	1.0	1.0	1.0	1.00	1032.00
85	190690A	023820	CNW	00178.10	NEVADA	1	80S NW/C 3-83-22	720	24.0	.1	1.0	1.0	1.00	1728.00
85	190692N	116360	CNW	00180.26	NEVADA	0	10TH ST.	1283	24.0	.1	1.0	1.0	1.00	3079.20
85	190693V	116350	CNW	00180.40	NEVADA	0	8TH ST	300	24.0	.1	1.0	1.0	1.00	720.00
85	190694C	116340	CNW	00180.53	NEVADA	0	6TH ST.	1650	24.0	.1	1.0	1.0	1.00	3960.00
85	190695J	116330	CNW	00180.80	NEVADA	0	2ND ST	414	24.0	.1	1.0	1.0	1.00	993.60
85	190697X	079480	CNW	00183.07	NEVADA	1	70S NW/C 2-83-23	190	24.0	.1	1.0	1.0	1.00	456.00
85	190698E	079460	CNW	00185.09	AMES	1	60S NW/C 4-83-23	270	26.0	.1	1.0	1.0	1.00	702.00
85	190700D	079450	CNW	00187.13	AMES	0	DAYTON AVE	4430	26.0	.1	1.0	1.0	1.00	11518.00
85	190702S	097790	CNW	00188.50	AMES	0	DUFF AVE	13500	26.0	.1	1.0	.9	1.00	31590.00
85	190703Y	097640	CNW	00188.68	AMES	0	KELLOGG AVE	6500	26.0	.1	1.0	.9	1.00	15210.00
85	190704F	097600	CNW	00188.85	AMES	0	CLARK	7500	26.0	.1	1.0	.9	1.00	17550.00
85	190706U	092230	CNW	00189.41	AMES	0	N. HAZEL AVE	2632	26.0	.1	1.0	1.0	1.00	6843.20
85	190711R	129640	CNW	00191.60	AMES	0	SCHOLL AVE.	382	25.0	.1	1.0	1.0	1.00	955.00
85	190712X	079170	CNW	00192.23	AMES	0	N. DAKOTA AVE	640	24.0	.1	1.0	1.0	1.00	1536.00
08	190715T	082590	CNW	00193.85	AMES	1	50E60S NW/C 36-84-25	39	24.0	1.0	1.0	1.0	1.00	936.00
08	190717G	082580	CNW	00196.40	AMES	1	25S NW/C 34-84-25	61	24.0	1.0	1.0	1.0	1.00	1464.00
08	190718N	082570	CNW	00197.30	BOONE	1	10S NW/C 33-84-25	40	24.0	1.0	1.0	1.0	1.00	960.00
08	190720P	010290	CNW	00198.37	BOONE	1	95S NW/C 29-84-25	1410	26.0	.1	1.0	1.0	1.00	3666.00
08	190721W	082560	CNW	00199.43	BOONE	1	75S NW/C 30-84-25	2	24.0	1.0	1.0	1.0	1.00	192.00
08	190722D	005820	CNW	00200.46	BOONE	1	60S NW/C 25-84-26	177	24.0	1.0	1.0	1.0	1.00	4248.00

## EXPOSURE INDEX LIST BY FRA NUMBER

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08	190723K	062550	CNW	00201.02	BOONE	1	50E35S NW/C 26-84-26	730	54.0	.1	1.0	1.0	1.00	3942.00
37	190727M	029840	CNW	00229.75	JEFFERSON	1	25E 75S NW/C 3-83-30	55	24.0	1.0	1.0	1.0	1.00	1320.00
37	190728U	111690	CNW	00231.63	JEFFERSON	0	CEDAR ST.	900	24.0	.1	1.0	1.0	1.00	2160.00
37	190729B	111710	CNW	00231.87	JEFFERSON	0	N WILSON AVE	384	24.0	.1	1.0	1.0	1.00	921.60
37	190730V	010980	CNW	00231.99	JEFFERSON	0	N ELM ST	5100	24.0	.1	1.0	1.0	1.00	12240.00
37	190731C	111720	CNW	00232.11	JEFFERSON	0	N. MAPLE ST	384	24.0	.1	1.0	1.0	1.00	921.60
37	190732J	111730	CNW	00232.18	JEFFERSON	0	N. PINET ST	200	24.0	.1	1.0	1.0	1.00	480.00
37	190733R	111740	CNW	00232.49	JEFFERSON	0	N GRIMMELL ST.	600	24.0	.1	1.0	1.0	1.00	1440.00
37	190734X	029830	CNW	00233.52	JEFFERSON	1	50E 20SNW/C 12-83-31	10	24.0	1.0	1.0	1.0	1.00	240.00
37	190735E	029820	CNW	00234.48	JEFFERSON	1	50E 30SNW/C 11-83-31	50	24.0	.1	1.0	1.0	1.00	120.00
37	190737T	001270	CNW	00236.01	SCRANTON	1	48S NW/C 10-83-31	150	24.0	.1	1.0	1.0	1.00	360.00
37	190738A	029800	CNW	00237.35	SCRANTON	1	50S NW/C 9-83-31	16	24.0	1.0	1.0	1.0	1.00	384.00
37	190742P	029790	CNW	00239.88	SCRANTON	1	50E 45SNW/C 12-83-31	24	24.0	1.0	1.0	1.0	1.00	576.00
37	190743W	012950	CNW	00241.05	SCRANTON	0	MAIN ST	558	24.0	.1	1.0	1.0	1.00	1339.20
37	190746S	029780	CNW	00242.30	SCRANTON	1	06E NW/C 10-83-32	98	24.0	1.0	2.0	1.0	1.00	4704.00
37	190747Y	001280	CNW	00242.37	SCRANTON	1	80S NW/C 3-83-32	49	24.0	1.0	1.0	1.0	1.00	1176.00
37	190750G	029770	CNW	00243.47	SCRANTON	1	52S NW/C 4-83-32	42	24.0	1.0	1.0	1.0	1.00	1008.00
37	190751N	029760	CNW	00244.53	RALSTON	1	23S NW/C 5-83-32	42	30.0	1.0	1.0	1.0	1.00	1260.00
37	190753C	001240	CNW	00245.58	RALSTON	0	CO RD N 58	300	24.0	.1	1.0	1.0	1.00	720.00
14	190756X	036890	CNW	00246.30	RALSTON	0	1ST ST. NEAR WCL	113	24.0	.1	1.0	1.0	1.00	271.20
14	190757E	052870	CNW	00246.63	RALSTON	1	40S NW/C 36-84-33	123	24.0	.1	1.0	1.0	1.00	295.20
14	190759T	052860	CNW	00247.76	RALSTON	1	95E98S NW/C 27-84-33	60	24.0	.8	1.0	1.0	1.00	1152.00
14	190763H	052840	CNW	00250.85	GLIDDEN	0	COLORADO ST	886	24.0	.1	1.0	1.0	1.00	2126.40
14	190764P	110660	CNW	00250.94	GLIDDEN	0	IDAHO ST	1020	24.0	.1	1.0	1.0	1.00	2448.00
14	190766D	052830	CNW	00251.75	GLIDDEN	1	60S NW/C 30-84-33	100	24.0	.8	1.0	1.0	1.00	1920.00



IOWA DEPARTMENT OF TRANSPORTATION  
RAIL AND WATER DIVISION

EXPOSURE INDEX LIST BY FRA NUMBER

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14	190767K	052820	CNW	00253.84	CARROLL	1	655 NW/C 26-84-34	120	24.0	.1	1.0	1.0	1.00	288.00
14	190768S	052810	CNW	00254.74	CARROLL	1	60S NW/C 27-84-34	95	24.0	1.0	1.0	1.0	1.00	2280.00
14	190769Y	052800	CNW	00255.75	CARROLL	1	655 NW/C 28-84-34	930	24.0	.1	1.0	1.0	1.00	2232.00
14	190771A	101170	CNW	00257.68	CARROLL	0	GRANT RD.	2560	24.0	.1	1.0	.9	1.00	5529.60
14	190772G	101160	CNW	00257.85	CARROLL	0	MAPLE ST	420	30.0	.1	1.0	.9	1.00	1134.00
14	190773N	081460	CNW	00257.99	CARROLL	0	CLARK	6427	24.0	.1	1.0	.9	1.00	13882.32
14	190774V	101150	CNW	00258.12	CARROLL	0	MAIN ST	6427	24.0	.1	1.0	.9	1.00	13882.32
14	190775C	101120	CNW	00258.25	CARROLL	0	CARROLL ST	2074	24.0	.1	1.0	.9	1.00	4479.84
14	190778X	053070	CNW	00259.50	CARROLL	0	W. 6TH ST.	244	25.0	.1	1.0	1.0	1.00	610.00
14	190780Y	052300	CNW	00261.26	CARROLL	1	22S NW/C 15-84-35	35	24.0	1.0	1.2	1.0	1.00	1008.00
14	190782M	052290	CNW	00262.43	ARCADIA	1	10E55S NW/C 9-84-35	330	30.0	.1	1.0	1.0	1.00	990.00
14	190783U	001380	CNW	00263.51	ARCADIA	1	35S NW/C 8-84-35	55	24.0	1.0	1.0	1.0	1.00	1320.00
14	190784B	052270	CNW	00264.56	ARCADIA	1	80S NW/C 7-84-35	40	24.0	1.0	1.0	1.0	1.00	960.00
14	190789K	011840	CNW	00268.43	ARCADIA	1	50E10S NW/C 21-84-36	1380	24.0	.1	1.0	1.0	1.00	3312.00
14	190790E	024880	CNW	00271.08	WESTSIDE	1	39S NW/C 19-84-36	660	24.0	.1	1.0	1.0	1.00	1584.00
24	190791L	125220	CNW	00271.48	WESTSIDE	0	MAIN ST.	470	24.0	.1	1.0	1.0	1.00	1128.00
24	190792T	024870	CNW	00272.14	WESTSIDE	1	95S NW/C 13-84-37	219	24.0	.1	1.0	1.0	1.00	525.60
24	190794G	024860	CNW	00273.26	WESTSIDE	1	55S NW/C 14-84-37	45	24.0	.1	1.0	1.0	1.00	108.00
24	190799R	024840	CNW	00276.60	VAIL	1	89S NW/C 20-84-37	25	24.0	1.0	1.0	1.0	1.00	600.00
24	190800H	024820	CNW	00277.46	VAIL	0	WARREN ST.	560	24.0	.1	1.0	1.0	1.00	1344.00
81	190801P	054350	CNW	00001.03	WALL LAKE	1	05S NW/C 17-86-36	142	.5	1.0	1.0	.7	1.00	49.70
14	190901U	052220	CNW	00000.95	ARCADIA	1	45E NW/C 8-84-35	100	.5	1.0	1.2	.7	.80	33.60
14	190902B	052210	CNW	00001.80	ARCADIA	1	50S NW/C 5-84-35	47	.5	1.0	1.2	.7	.80	15.79
14	190904P	052200	CNW	00002.75	ARCADIA	1	10E NW/C 6-84-35	35	.5	1.0	1.2	.7	.60	11.76
14	190905W	052190	CNW	00004.90	BREDA	1	55E NW/C 30-85-35	70	.5	1.0	1.0	.7	.80	19.60

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14	190906D	052180	CNW	00006.07	BREDA	1	NW/C 19-85-35	45	.5	1.0	1.2	.7	.80	15.12
14	190908S	012120	CNW	00007.30	BREDA	0	MAIN ST.	1720	.5	.6	1.0	.7	.85	307.02
14	190909Y	052170	CNW	00007.45	BREDA	0	1ST. ST.	404	.5	1.0	1.2	.7	.80	135.74
14	190910T	052160	CNW	00008.25	BREDA	1	80E NW/C 12-85-36	35	.5	1.0	1.0	.7	.80	9.80
14	190914V	052150	CNW	00009.45	BREDA	1	15E NW/C 1-85-36	30	.5	1.0	1.0	.7	.80	8.40
81	190915C	002680	CNW	00009.80	BREDA	1	65S NW/C 36-86-36	44	.5	1.0	1.2	.8	.80	16.90
81	190916J	054580	CNW	00010.45	BREDA	1	65E NW/C 35-86-36	40	.5	1.0	1.0	.8	.80	12.80
81	190920Y	054570	CNW	00011.60	WALL LAKE	1	30E NW/C 26-86-36	57	.5	1.0	1.0	.8	.80	18.24
81	190923U	054410	CNW	00012.80	WALL LAKE	1	70E NW/C 22-86-36	573	.5	1.0	1.2	1.0	.80	275.04
81	190924B	002100	CNW	00013.60	WALL LAKE	1	65S NW/C 15-86-36	64	.5	1.0	1.0	.8	.80	20.48
81	190925H	054380	CNW	00014.60	WALL LAKE	1	30S NW/C 16-86-36	662	.5	1.0	1.0	.8	.80	211.84
81	190927W	054340	CNW	00016.65	WALL LAKE	0	CENTER ST	1300	.5	.8	1.0	.8	.85	353.60
81	190931L	008690	CNW	00018.35	WALL LAKE	1	50E NW/C 14-86-37	631	.5	.6	1.2	.8	.80	145.38
81	190934G	054260	CNW	00019.85	WALL LAKE	1	85S NW/C 10-86-37	120	.5	1.0	1.0	.8	.80	38.40
81	190935N	054250	CNW	00020.90	WALL LAKE	1	35S NW/C 9-86-37	27	.5	1.0	1.0	.8	.80	8.64
81	190936V	054240	CNW	00021.40	WALL LAKE	1	55E NW/C 8-86-37	11	.5	1.0	1.2	.8	.80	4.22
81	190938J	054230	CNW	00022.10	WALL LAKE	1	65S NW/C 5-86-37	40	.5	1.0	1.2	.8	.80	15.36
81	190942Y	054220	CNW	00023.35	ODEBOLT	1	NW/C 6-86-37	38	.5	1.0	1.0	.8	.80	12.16
81	190943F	083950	CNW	00024.35	ODEBOLT	1	50S NW/C 36-87-38	34	.5	1.0	1.0	.8	.80	10.88
81	190945U	009800	CNW	00025.45	ODEBOLT	1	10S NW/C 35-87-37	1670	.5	.6	1.0	.8	.80	320.64
81	190946B	116830	CNW	00025.80	ODEBOLT	0	MAIN ST	1299	.5	1.0	1.0	.8	.85	441.66
81	190947H	116840	CNW	00025.90	ODEBOLT	0	WALNUT ST	833	.5	1.0	1.0	.8	.85	283.22
81	190948P	054210	CNW	00026.50	ODEBOLT	1	65S NW/C 27-87-38	182	.5	1.0	1.0	.8	.80	58.24
81	190949W	054200	CNW	00027.50	ODEBOLT	1	90S NW/C 28-87-38	39	.5	1.0	1.0	.8	.80	12.48
81	190950R	054190	CNW	00028.70	ARTHUR	1	10S NW/C 32-87-38	50	.5	1.0	1.0	.8	.80	16.00

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81	190953L	014680	CNW	00029.80	ARTHUR	1	56S NW/C 30-87-38	20	.5	.6	1.0	.8	.80	3.84
47	190955A	033250	CNW	00031.06	ARTHUR	1	67S NW/C 24-87-39	283	.5	1.0	1.0	.8	.80	90.56
47	190957N	033240	CNW	00032.10	ARTHUR	1	37S NW/C 23-87-39	49	.5	1.0	1.0	.8	.80	15.68
47	190959C	033230	CNW	00033.20	ARTHUR	1	25S NW/C 22-87-39	44	.5	1.0	1.0	.8	.80	14.08
47	190961D	033220	CNW	00034.10	IDA GROVE	1	30S NW/C 21-87-39	40	.5	1.0	1.0	.8	.80	12.80
47	190963S	033210	CNW	00035.20	IDA GROVE	1	50S NW/C 20-87-39	46	.5	1.0	1.0	.8	.80	14.72
47	190964Y	033200	CNW	00036.15	IDA GROVE	1	67S NW/C 19-87-39	1050	.5	.6	1.0	.8	.80	201.60
47	190966M	003710	CNW	00037.30	IDA GROVE	1	20E 25SNW/C 24-87-40	118	.5	1.0	1.0	.8	.80	37.76
47	190968B	092460	CNW	00037.96	IDA GROVE	0	MOORHEAD	342	.5	1.0	1.0	.8	.85	116.28
47	190969H	111210	CNW	00038.70	IDA GROVE	0	MAIN ST.	1299	.5	1.0	1.0	.8	.85	441.66
24	190975L	024810	CNW	00279.34	VAIL	1	75S NW/C 36-84-38	179	24.0	.1	1.0	1.0	1.00	429.60
24	190981P	024800	CNW	00281.51	VAIL	1	53S NW/C 3-83-38	55	24.0	.1	1.0	1.0	1.00	132.00
24	190983D	024780	CNW	00283.09	DENISON	1	42E09S NW/C 8-83-38	25	24.0	1.0	1.0	1.0	1.00	600.00
24	190991V	106100	CNW	00286.13	DENISON	0	S0. 15TH ST	384	24.0	.1	1.0	1.0	1.00	921.60
24	190992C	106080	CNW	00286.30	DENISON	0	S0. MAIN ST	2790	24.0	.1	1.0	1.0	1.00	6696.00
24	190997L	050830	CNW	00287.93	DENISON	1	15E65S NW/C 15-83-39	190	24.0	.1	1.0	1.0	1.00	456.00
24	191005J	024290	CNW	00291.22	ARION	1	48E77S NW/C 30-83-39	20	24.0	.6	1.0	1.0	.80	230.40
24	191007X	024310	CNW	00293.33	ARION	0	GRACE ST	470	24.0	.8	1.2	1.0	.85	9204.48
24	191009L	107720	CNW	00295.35	DOW CITY	0	CLARK ST	342	24.0	.6	1.0	1.0	.80	3939.84
24	191010F	014860	CNW	00295.52	DOW CITY	0	FRANKLIN ST	846	24.0	1.0	1.0	1.0	.80	16243.20
24	191013B	020520	CNW	00297.28	DOW CITY	1	50E14S NW/C 17-82-40	241	24.0	.6	1.0	1.0	.80	2776.32
43	191023G	090660	CNW	00303.15	DUNLAP	0	IA. 37	1070	24.0	.6	1.0	1.0	.80	12326.40
43	191029X	031680	CNW	00303.60	DUNLAP	0	REMSEN ST	320	24.0	.6	1.0	1.0	.85	3916.80
43	191033M	031670	CNW	00306.02	DUNLAP	1	35E90S NW/C 16-81-41	35	24.0	1.0	1.0	1.0	.80	672.00
43	191038W	031660	CNW	00307.98	DUNLAP	1	25E50S NW/C 29-81-41	20	24.0	1.0	1.0	1.0	.80	384.00



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
43	191039D	031650	CNW	00309.20	DUNLAP	1	50E50S NW/C 31-81-41	73	24.0	1.0	1.0	1.0	.80	1401.60
43	191043T	031640	CNW	00312.40	WOODBINE	1	BUS BROWN DR.	550	24.0	.1	1.0	1.0	.80	1056.00
43	191044A	031630	CNW	00313.22	WOODBINE	0	LINCOLNWAY ST.	840	30.0	.6	1.0	1.0	.80	12096.00
43	191045G	031620	CNW	00313.95	WOODBINE	1	50S NW/C 23-80-42	70	24.0	1.0	1.2	1.0	.85	1713.60
43	191046N	031610	CNW	00314.32	WOODBINE	1	70E75S NW/C 22-80-42	70	.5	1.0	1.2	1.0	.85	35.70
43	191047V	002110	CNW	00315.78	WOODBINE	1	71E75S NW/C 28-80-42	10	24.0	1.0	1.2	1.0	.85	244.80
43	191052S	031580	CNW	00317.92	LOGAN	1	05E60S NW/C 4-79-42	40	24.0	1.0	1.0	1.0	.80	768.00
43	191059P	031570	CNW	00321.15	LOGAN	0	8TH ST	421	24.0	.6	1.0	.9	.80	4364.93
43	191071W	031560	CNW	00325.73	MISSOURI VALLEY	1	25E90S NW/C 6-78-43	25	24.0	1.0	1.0	1.0	.80	480.00
43	191073K	031550	CNW	00326.86	MISSOURI VALLEY	1	70E30S NW/C 12-78-44	130	24.0	.6	1.0	1.0	.80	1497.60
43	191074S	115170	CNW	00329.20	MISSOURI VALLEY	0	S. 9TH ST.	180	24.0	.1	1.0	1.0	1.00	432.00
43	191075Y	115180	CNW	00329.26	MISSOURI VALLEY	0	8TH & ONTARIO ST.	577	.5	1.0	1.2	.7	.75	181.76
43	191077M	010340	CNW	00329.40	MISSOURI VALLEY	0	6TH ST	1760	24.0	.1	1.0	.9	1.00	3801.60
43	191080V	013440	CNW	00330.19	MISSOURI VALLEY	1	05E NW/C 22-78-44	240	17.0	.1	1.0	.8	1.00	326.40
43	191082J	031480	CNW	00331.97	MISSOURI VALLEY	1	05E85S NW/C 27-78-44	50	17.0	1.0	1.0	1.0	.80	680.00
78	191084X	055490	CNW	00333.75	MISSOURI VALLEY	1	22E50S NW/C 3-77-44	469	17.0	.6	1.0	1.0	.80	3827.04
78	191087T	055480	CNW	00334.49	MISSOURI VALLEY	1	55E25S NW/C 10-77-44	5	17.0	1.0	1.0	1.0	.80	68.00
78	191091H	055470	CNW	00335.94	CRESCENT	1	90E70S NW/C 15-77-44	10	17.0	1.0	1.0	1.0	.80	136.00
78	191097Y	055460	CNW	00338.47	MISSOURI VALLEY	1	56E NW/C 35-77-44	196	17.0	.6	1.0	1.0	.80	1599.36
78	191100E	055450	CNW	00341.69	CRESCENT	1	25S NW/C 14-76-44	42	17.0	1.0	1.0	1.0	.80	571.20
78	191101L	055440	CNW	00343.14	CRESCENT	1	75S NW/C 23-76-44	27	17.0	1.0	1.0	1.0	.80	367.20
78	191103A	055430	CNW	00343.77	COUNCIL BLUFFS	1	40S NW/C 26-76-44	210	17.0	.6	1.0	1.0	.80	1713.60
78	191104G	055420	CNW	00344.66	COUNCIL BLUFFS	1	84E20S NW/C 34-76-44	210	17.0	.6	1.0	1.0	.80	1713.60
78	191106V	055390	CNW	00345.50	COUNCIL BLUFFS	1	74E NW/C 3-75-44	80	17.0	1.0	1.0	1.0	.80	1088.00
78	191107C	055410	CNW	00347.20	COUNCIL BLUFFS	1	49E35S NW/C 11-75-44	120	17.0	1.0	1.2	.6	1.00	1956.40

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
78	191128V	103590	CNW	00350.31	COUNCIL BLUFFS	0	AVE G	3070	13.0	.1	1.0	.7	1.00	2793.70
78	191129C	103570	CNW	00350.50	COUNCIL BLUFFS	0	AVE D	225	13.0	1.0	1.0	.7	.85	1740.38
78	191130W	103560	CNW	00350.55	COUNCIL BLUFFS	0	AVE C	222	13.0	1.0	1.0	.7	.85	1717.17
78	191131D	103550	CNW	00350.60	COUNCIL BLUFFS	0	AVE B	2910	13.0	.6	1.0	.7	.80	12710.88
78	191132K	103540	CNW	00350.66	COUNCIL BLUFFS	0	AVE A	714	13.0	1.0	1.0	.7	.85	5522.79
78	191135F	103870	CNW	NONE	COUNCIL BLUFFS	0	12TH ST	1059	5.0	1.0	1.0	.7	.75	2779.88
78	191136M	092540	CNW	00350.77	COUNCIL BLUFFS	0	2ND AVE	2160	13.0	.6	1.2	.7	.80	999999.99
78	191137U	104500	CNW	00351.10	COUNCIL BLUFFS	0	3RD AVE	516	13.0	1.0	1.0	.7	1.00	4695.60
78	191138B	104590	CNW	NONE	COUNCIL BLUFFS	0	4TH AVE	370	5.0	1.0	1.0	.7	.80	1036.00
78	191139H	104580	CNW	NONE	COUNCIL BLUFFS	0	5TH AVE	3780	5.0	.6	1.0	.7	.80	6350.40
78	191140C	104640	CNW	NONE	COUNCIL BLUFFS	0	6TH AVE	58	5.0	.6	1.0	.7	.80	97.44
78	191141J	104630	CNW	NONE	COUNCIL BLUFFS	0	7TH AVE	277	5.0	1.0	1.0	.7	.80	775.60
78	191142R	104620	CNW	NONE	COUNCIL BLUFFS	0	8TH AVE	95	5.0	1.0	1.0	.7	.80	266.00
78	191143X	104600	CNW	NONE	COUNCIL BLUFFS	0	9TH AVE	4893	5.0	.6	1.0	.7	.85	8734.01
78	191144E	103920	CNW	NONE	COUNCIL BLUFFS	0	10TH AVE & 12TH ST	102	5.0	.1	1.0	.7	.80	999999.99
78	191145L	103880	CNW	NONE	COUNCIL BLUFFS	0	SO 11TH ST	0	1.0	1.0	1.0	.7	.80	.00
78	191146T	103890	CNW	NONE	COUNCIL BLUFFS	0	SO 8TH ST	468	1.0	1.0	1.0	.7	.85	278.46
78	191147A	103900	CNW	NONE	COUNCIL BLUFFS	0	7TH ST.	576	1.0	1.0	1.0	.7	.80	322.56
78	191148G	103940	CNW	NONE	COUNCIL BLUFFS	0	6TH ST S	970	1.0	1.0	1.0	.7	.80	543.20
78	191149N	090340	CNW	NONE	COUNCIL BLUFFS	0	MAIN ST	4851	1.0	1.0	1.0	.7	.80	2716.56
78	191150H	103930	CNW	NONE	COUNCIL BLUFFS	0	SO 4TH ST	1059	1.0	1.0	1.0	.7	.80	593.04
78	191154K	104070	CNW	NONE	COUNCIL BLUFFS	0	3RD ST NEAR 16TH AVE	176	1.0	1.0	2.0	.7	.80	197.12
78	191155S	104130	CNW	NONE	COUNCIL BLUFFS	0	HIGH ST	516	1.0	1.0	1.0	.7	.85	307.02
78	191156Y	104140	CNW	NONE	COUNCIL BLUFFS	0	SOUTH AVE	4115	1.0	.6	1.0	.7	.80	1382.64
78	191157F	104080	CNW	NONE	COUNCIL BLUFFS	0	16TH AVE	4650	1.5	1.0	1.0	.7	.80	3906.00

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78	191160N	103750	CNW	NONE	COUNCIL BLUFFS	0	S. 16TH ST	2791	5.0	1.0	1.0	.7	.85	8373.23
78	191161V	104100	CNW	NONE	COUNCIL BLUFFS	0	S. 17TH ST	715	13.0	1.0	1.0	.7	.80	5205.20
78	191162C	103860	CNW	NONE	COUNCIL BLUFFS	0	13TH ST	516	2.0	1.0	1.0	.7	.85	614.04
78	191163J	103630	CNW	NONE	COUNCIL BLUFFS	0	15TH ST	988	2.0	1.0	1.0	.7	.85	1175.72
78	191164R	103690	CNW	NONE	COUNCIL BLUFFS	0	16TH ST	6322	2.0	1.0	1.0	.7	.85	7523.18
78	191165X	103660	CNW	NONE	COUNCIL BLUFFS	0	17TH ST	1	2.0	1.0	1.0	.7	.85	1.19
78	191167L	104350	CNW	NONE	COUNCIL BLUFFS	0	19TH ST	579	2.0	1.0	1.0	.7	.85	689.01
78	191168T	104360	CNW	NONE	COUNCIL BLUFFS	0	21ST ST	1920	2.0	1.0	1.0	.8	.85	2611.20
78	191169A	104370	CNW	NONE	COUNCIL BLUFFS	0	22ND ST	1059	2.0	1.0	1.0	.7	.85	1260.21
78	191170U	104380	CNW	NONE	COUNCIL BLUFFS	0	23RD ST	595	2.0	1.0	1.0	.7	.85	708.05
78	191171B	104390	CNW	NONE	COUNCIL BLUFFS	0	24TH ST	1546	2.0	1.0	1.0	.7	.85	1839.74
78	191172H	104400	CNW	NONE	COUNCIL BLUFFS	0	25TH ST	2952	2.0	1.0	1.0	.7	.85	3512.83
78	191174W	104410	CNW	NONE	COUNCIL BLUFFS	0	27TH ST	985	2.0	1.0	1.0	.7	.85	1172.15
78	191175D	104420	CNW	NONE	COUNCIL BLUFFS	0	28TH ST	3106	2.0	1.0	1.0	.7	.85	3696.14
78	191176K	104430	CNW	NONE	COUNCIL BLUFFS	0	29TH ST	2257	.5	1.0	1.0	.7	.85	671.46
78	191177S	104440	CNW	NONE	COUNCIL BLUFFS	0	31ST ST	998	2.0	1.0	1.0	.7	.85	1187.62
78	191178Y	104450	CNW	NONE	COUNCIL BLUFFS	0	32ND ST	2870	2.0	1.0	1.0	.7	.85	3415.30
78	191180A	104460	CNW	NONE	COUNCIL BLUFFS	0	34TH ST	679	2.0	1.0	1.0	.7	.85	808.01
78	191181G	104470	CNW	NONE	COUNCIL BLUFFS	0	35TH ST	6230	2.0	.6	1.0	.7	.80	999999.99
43	191183V	009230	CNW	00001.10	MISSOURI VALLEY	0	US 30	5460	13.0	.6	1.2	.9	.80	36796.03
43	191184C	115190	CNW	00001.50	MISSOURI VALLEY	0	FAIRGROUND AREA	1010	13.0	1.0	1.0	1.0	.80	10574.00
43	191186R	031470	CNW	00002.78	MISSOURI VALLEY	1	60S NW/C 17-78-44	60	13.0	1.0	1.0	1.0	.80	624.00
43	191187X	031460	CNW	00004.78	MISSOURI VALLEY	1	60S NW/C 13-78-45	10	14.0	1.0	1.0	1.0	.80	112.00
43	191188E	013150	CNW	00005.78	MISSOURI VALLEY	1	55S NW/C 14-78-45	130	30.0	.1	1.0	1.0	.85	331.50
43	191189L	031450	CNW	00007.78	MISSOURI VALLEY	1	50S NW/C 16-78-45	276	13.0	1.0	1.0	1.0	.80	2870.40



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43	191190F	031440	CNW	00008.78	MISSOURI VALLEY	1	44S NW/C 17-78-45	49	13.0	1.0	1.0	1.0	.80	509.60
43	191192U	031430	CNW	00006.50	MISSOURI VALLEY	1	60E NW/C 15-78-45	70	5.0	1.0	1.0	1.0	.80	280.00
43	191193B	031420	CNW	00007.53	MISSOURI VALLEY	1	50E NW/C 10-78-45	15	5.0	1.0	1.0	1.0	.80	60.00
43	191194H	031410	CNW	00008.05	MODALE	1	45E99S NW/C 3-78-45	42	5.0	1.0	1.0	1.0	.80	168.00
43	191195P	002530	CNW	00008.76	MODALE	1	35E99S NW/C 3-78-45	100	5.0	1.0	1.2	1.0	.80	480.00
43	191196W	031400	CNW	00009.12	MODALE	1	35E NW/C 3-78-45	20	5.0	1.0	1.0	1.0	.80	80.00
43	191197D	031390	CNW	00010.36	MODALE	0	MARTIN ST.	580	5.0	.6	1.0	1.0	.85	1479.00
43	191198K	115240	CNW	00010.46	MODALE	0	ANDERSON ST.	100	5.0	1.0	1.0	1.0	.85	425.00
43	191199S	031380	CNW	00011.21	MODALE	1	52E NW/C 30-79-44	10	5.0	1.0	1.0	1.0	.80	40.00
43	191201R	031370	CNW	00011.79	MODALE	1	45E15S NW/C 19-79-44	53	5.0	1.0	1.0	1.0	.80	212.00
43	191202X	031360	CNW	00012.76	MODALE	1	30E30S NW/C 18-79-44	30	5.0	1.0	1.0	1.0	.80	120.00
43	191203E	031350	CNW	00013.69	MODALE	1	20E50S NW/C 7-79-44	44	5.0	1.0	1.0	1.0	.80	176.00
43	191204L	031340	CNW	00015.13	MONDAMIN	1	10E NW/C 6-79-44	24	5.0	1.0	1.0	1.0	.80	96.00
43	191205T	031330	CNW	00016.12	MONDAMIN	1	90E NW/C 36-80-45	10	5.0	1.0	1.0	1.0	.80	40.00
43	191206A	013160	CNW	00016.65	MONDAMIN	0	MAPLE ST	1190	5.0	.6	1.0	1.0	.85	3034.50
43	191207G	031320	CNW	00017.10	MONDAMIN	1	80E NW/C 25-80-45	32	5.0	1.0	1.0	1.0	.85	136.00
43	191208N	031310	CNW	00018.11	MONDAMIN	1	65E NW/C 24-80-45	10	5.0	1.0	1.0	1.0	.80	40.00
43	191209V	006930	CNW	00018.53	MONDAMIN	1	58E55S NW/C 13-80-45	10	5.0	1.0	1.2	1.0	.80	48.00
43	191214S	031200	CNW	00021.24	LITTLE SIOUX	1	10E NW/C 1-80-45	30	5.0	1.0	1.0	1.0	.80	120.00
43	191216F	031190	CNW	00022.24	LITTLE SIOUX	1	85E NW/C 35-81-45	15	5.0	1.0	1.0	1.0	.80	60.00
43	191217M	031180	CNW	00022.76	LITTLE SIOUX	1	80E45S NW/C 26-81-45	15	5.0	1.0	1.0	1.0	.80	60.00
43	191218U	097040	CNW	00023.13	LITTLE SIOUX	1	70E10S NW/C 26-81-45	85	5.0	1.0	1.0	1.0	.80	340.00
43	191219B	013180	CNW	00023.19	LITTLE SIOUX	1	70E08S NW/C 26-81-45	580	5.0	.6	1.0	1.0	.80	1392.00
43	191223R	031170	CNW	00024.75	LITTLE SIOUX	1	10E65S NW/C 14-81-45	16	5.0	1.0	1.0	1.0	.80	64.00
43	191224X	097050	CNW	00025.53	LITTLE SIOUX	1	75E NW/C 15-81-45	42	5.0	1.0	1.0	1.0	.80	168.00

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43	191226L	003610	CNW	00026.60	LITTLE SIOUX	1	30E NW/C 10-81-45	10	5.0	1.0	1.0	1.0	.80	40.00
67	191227T	092510	CNW	00027.90	LITTLE SIOUX	1	50E99SNW/C33-82-45	330	.5	1.0	1.0	.7	.80	92.40
43	191232P	031160	CNW	00027.69	LITTLE SIOUX	1	10E NW/C 3-81-45	32	5.0	1.0	1.0	1.0	.80	128.00
67	191233W	053330	CNW	00029.19	BLENCOE	1	15E50S NW/C 27-82-45	110	5.0	1.0	1.0	1.0	.80	440.00
67	191234D	053320	CNW	00030.69	BLENCOE	1	96E NW/C 21-82-45	75	5.0	1.0	1.0	1.0	.80	300.00
67	191235K	053310	CNW	00031.69	BLENCOE	1	96E NW/C 16-82-45	5	5.0	1.0	1.0	1.0	.85	21.25
67	191236S	053300	CNW	00032.21	BLENCOE	0	MAIN ST	700	5.0	.1	1.0	1.0	.85	297.50
67	191237Y	053290	CNW	00032.65	BLENCOE	1	80E NW/C 9-82-45	100	5.0	1.0	1.0	1.0	.80	400.00
67	191238F	053280	CNW	00033.59	BLENCOE	1	70E NW/C 4-82-45	74	5.0	1.0	1.0	1.0	.80	296.00
67	191239M	053270	CNW	00034.59	BLENCOE	1	60E NW/C 33-83-45	130	5.0	1.0	1.0	1.0	.80	520.00
67	191242V	002900	CNW	00035.61	BLENCOE	1	49E NW/C 28-83-45	25	5.0	1.0	1.0	1.0	.80	100.00
67	191243C	053250	CNW	00036.84	ONAWA	1	40E75S NW/C 16-83-45	65	5.0	1.0	1.0	1.0	.80	260.00
67	191245R	053240	CNW	00037.59	ONAWA	1	30E NW/C 16-83-45	30	5.0	1.0	1.0	1.0	.80	120.00
67	191246X	117050	CNW	00038.60	ONAWA	0	GRANITE ST.	384	5.0	1.0	1.0	1.0	.85	1632.00
67	191247E	117040	CNW	00038.74	ONAWA	0	DIAMOND STREET	384	5.0	.6	1.0	1.0	.80	921.60
67	191248L	014100	CNW	00038.83	ONAWA	0	IOWA AVE	3420	5.0	.6	1.0	1.0	.80	8208.00
67	191249T	117030	CNW	00038.97	ONAWA	0	PEARL ST	577	5.0	.6	1.0	1.0	.80	1384.80
67	191250M	117070	CNW	00039.11	ONAWA	0	CAMEO ST	783	5.0	1.0	1.0	1.0	.80	3132.00
67	191251U	117060	CNW	00039.31	ONAWA	0	EMERALD	400	5.0	1.0	1.0	1.0	.80	1600.00
67	191252B	053230	CNW	00039.76	ONAWA	1	10E NW/C 4-83-45	110	5.0	1.0	1.0	1.0	.85	467.50
67	191254P	053210	CNW	00040.78	WHITING	1	90E NW/C 32-84-45	5	5.0	1.0	1.0	1.0	.80	20.00
67	191255W	053200	CNW	00041.44	WHITING	1	75E50S NW/C 29-84-45	83	.5	1.0	1.0	1.0	.80	33.20
67	191260T	053190	CNW	00042.99	WHITING	1	90E NW/C 19-84-45	35	5.0	1.0	1.0	1.0	.80	140.00
67	191261A	053180	CNW	00043.80	WHITING	1	53E35S NW/C 18-84-45	20	5.0	1.0	1.0	1.0	.80	80.00
67	191262G	085000	CNW	00044.13	WHITING	1	40E NW/C 18-84-45	30	5.0	1.0	1.0	1.0	.80	120.00

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
67	191263N	053170	CNW	00045.01	WHITING	1	COUNTY RD	15	5.0	1.0	1.2	1.0	.80	72.00
67	191265C	084990	CNW	00045.85	WHITING	1	55E50S NW/C 1-84-46	73	5.0	1.0	1.0	1.0	.85	310.25
67	191266J	125290	CNW	00046.22	WHITING	0	HARRISON ST	392	5.0	1.0	1.0	1.0	.85	1666.00
67	191267R	053160	CNW	00046.47	WHITING	0	MAIN-WHITTER ST	1207	5.0	.8	1.0	1.0	.85	4103.80
67	191268X	053150	CNW	00047.07	WHITING	1	95E50S NW/C 35-85-46	5	5.0	1.0	1.0	1.0	.80	20.00
67	191270Y	053140	CNW	00048.80	WHITING	1	15E NW/C 26-85-46	110	5.0	1.0	1.0	1.0	.80	440.00
67	191271F	053130	CNW	00049.69	WHITING	1	70E25S NW/C 22-85-46	15	5.0	1.0	1.0	1.0	.80	60.00
67	191272M	053120	CNW	00050.05	WHITING	1	50E85S NW/C 15-85-46	5	5.0	1.0	1.0	1.0	.80	20.00
67	191273U	053110	CNW	00051.10	WHITING	1	95E NW/C 16-85-46	70	5.0	1.0	1.0	1.0	.80	280.00
67	191275H	053100	CNW	00052.22	SLOAN	1	40E NW/C 9-85-46	11	5.0	1.0	1.0	1.0	.80	44.00
67	191277W	053090	CNW	00053.30	SLOAN	1	85E NW/C 5-85-46	16	5.0	1.0	1.0	1.0	.80	64.00
97	191278D	083800	CNW	00054.10	SLOAN	1	50E30S NW/C 32-86-46	109	5.0	1.0	1.0	1.0	.80	436.00
97	191279K	023190	CNW	00054.40	SLOAN	1	30E NW/C 32-86-46	1420	5.0	.6	1.0	1.0	.80	3408.00
97	191280E	121340	CNW	00055.82	SLOAN	0	4TH ST	342	5.0	1.0	1.0	1.0	.85	1453.50
97	191282T	083780	CNW	00055.62	SLOAN	1	75E NW/C 30-86-46	20	5.0	1.0	1.0	1.0	.80	80.00
97	191283A	083770	CNW	00056.79	SLOAN	1	20E NW/C 19-86-46	65	5.0	1.0	1.2	1.0	.80	312.00
97	191284G	083750	CNW	00058.24	SALIX	1	60E75S NW/C 12-86-47	5	5.0	1.0	1.0	1.0	.80	20.00
97	191285N	083740	CNW	00059.35	SALIX	1	10E NW/C 12-86-47	21	5.0	1.0	1.0	1.0	.80	84.00
97	191286V	083730	CNW	00060.19	SALIX	0	WALNUT ST.	392	5.0	1.0	1.0	1.0	.80	1568.00
97	191287C	083720	CNW	00060.48	SALIX	0	POPLAR ST.	878	5.0	.6	1.0	1.0	.85	2238.90
97	191288J	083710	CNW	00060.77	SALIX	0	TIPTON ST.	392	5.0	1.0	1.0	1.0	.80	1568.00
97	191289R	083700	CNW	00060.98	SALIX	1	50E20S NW/C 27-87-47	26	5.0	1.0	1.0	1.0	.80	104.00
97	191293F	083690	CNW	00062.51	SALIX	1	40E NW/C 27-87-47	240	8.0	.6	1.0	.9	.80	829.44
97	191294M	083680	CNW	00063.35	SALIX	1	20S NW/C 22-87-47	58	5.0	1.0	1.0	1.0	.80	232.00
97	191296B	083670	CNW	00065.34	SERGEANT BLUFF	1	10E60S NW/C 9-87-47	30	5.0	1.0	1.0	1.0	.80	120.00



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
97	191299W	083660	CNW	00066.94	SERGEANT BLUFF	1	30E NW/C 5-87-47	26	5.0	1.0	1.0	1.0	.80	104.00
97	191300N	083650	CNW	00067.49	SERGEANT BLUFF	1	50S NW/C 32-88-47	123	5.0	1.0	1.0	1.0	.85	522.75
97	191301V	010540	CNW	00067.90	SERGEANT BLUFF	0	80E10S NW/C 31-88-47	2130	.5	.6	2.0	.7	.80	715.68
97	191302C	008520	CNW	NONE	SERGEANT BLUFF	1	CO RD.	1	.5	1.0	1.0	.7	.80	999999.99
97	191303J	066490	CNW	00068.12	SERGEANT BLUFF	0	1ST ST.	3210	5.0	.6	1.0	1.0	.85	8185.50
97	191304R	092560	CNW	00068.37	SERGEANT BLUFF	0	4TH ST.	300	5.0	1.0	1.2	1.0	.85	1530.00
97	191306E	015250	CNW	00068.53	SERGEANT BLUFF	0	IA 475	2130	.5	1.0	2.0	.7	.75	1118.25
97	191309A	066500	CNW	00068.63	SERGEANT BLUFF	0	8TH ST	1040	5.0	.6	1.0	1.0	.80	2496.00
97	191312H	092580	CNW	00068.64	SERGEANT BLUFF	1	HUMBOLT AVE	1	.5	1.0	1.0	.7	.75	.26
97	191313P	139920	CNW	00068.64	SIoux CITY	0	IR020UIS ST	939	.5	1.0	1.0	.7	.75	246.49
97	191314W	092600	CNW	00068.64	SIoux CITY	0	HARBOR DR.	318	.5	1.0	1.0	.7	.75	83.48
97	191318Y	015920	CNW	00000.15	SIoux CITY	0	1ST ST	4241	6.0	.6	1.0	.7	.75	8015.49
97	191323V	015930	CNW	00000.97	SIoux CITY	0	8TH ST	9130	6.0	.6	1.0	.7	.75	17255.70
97	191327X	086290	CNW	00002.39	SERGEANT BLUFF	1	25E 45S NW/C 6-87-47	81	6.0	1.0	1.0	.7	.75	255.15
97	191328E	086300	CNW	00003.56	SERGEANT BLUFF	1	55E50S NW/C 7-87-47	50	6.0	1.0	1.0	.7	.75	157.50
97	191337D	092630	CNW	00006.23	SERGEANT BLUFF	1	IND.RD	45	6.0	.6	1.0	.7	.75	999999.99
97	191338K	086310	CNW	00006.20	SERGEANT BLUFF	1	75E25S NW/C 30-87-47	45	1.0	1.0	1.0	.7	.75	23.63
97	191340L	086320	CNW	00006.20	SERGEANT BLUFF	1	50E25S NW/C 31-87-47	390	1.0	1.0	1.2	.7	.75	245.70
97	191348R	083620	CNW	00070.19	SIoux CITY	0	DONNER ST	200	7.0	1.0	1.0	.7	.85	833.00
97	191349X	048360	CNW	00070.58	SIoux CITY	0	INDUSTRIAL RD	1200	2.0	.6	1.0	.7	.80	806.40
97	191357P	121090	CNW	00074.54	SIoux CITY	0	DACE AVE	11400	7.0	.1	1.0	.7	.85	4748.10
97	191359D	120860	CNW	NONE	SIoux CITY	0	DACE ST.	11400	2.0	1.0	1.0	.7	.75	11970.00
97	191362L	128240	CNW	NONE	SIoux CITY	0	I-29 OFF RAMP	1770	2.0	1.0	1.0	.7	.75	1858.50
97	191364A	128230	CNW	NONE	SIoux CITY	0	I-29 ON RAMP	2290	2.0	1.0	1.2	.7	.75	2885.40
97	191367V	121310	CNW	NONE	SIoux CITY	0	FLOYD AVE	1360	.5	1.0	1.0	.7	.75	357.00

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
97	191369J	121150	CNW	NONE	SIoux CITY	0	COURT ST	2285	.5	1.0	1.0	.7	.75	999999.99
97	191373Y	120530	CNW	NONE	SIoux CITY	0	3RD ST.	8200	2.0	1.0	1.0	.7	.75	999999.99
97	191378H	120520	CNW	NONE	SIoux CITY	0	COURT ST.	805	2.0	1.0	1.0	.7	.85	957.95
97	191379P	092650	CNW	NONE	SIoux CITY	0	COURT ST.	2880	2.0	.8	1.0	.7	.75	999999.99
97	191380J	092660	CNW	NONE	SIoux CITY	0	IOWA ST	1	.5	1.0	1.0	.7	.85	.30
97	191381R	092670	CNW	NONE	SIoux CITY	0	IOWA ST	1	.5	1.0	1.0	.7	.75	999999.99
97	191384L	092730	CNW	00074.76	SIoux CITY	0	3RD ST.	451	7.0	.6	1.0	.7	.75	994.46
97	191389V	120840	CNW	00075.35	SIoux CITY	0	11TH ST.	6550	.5	.6	1.0	.7	.85	1169.18
97	191390P	092720	CNW	00075.92	SIoux CITY	0	18TH & 19TH STS	3339	7.0	1.0	1.0	.7	.85	13906.94
97	191391W	092730	CNW	NONE	SIoux CITY	0	FLOYD BLVD	11480	.5	1.0	1.2	.7	.75	3616.20
97	191393K	120560	CNW	00076.74	SIoux CITY	0	28TH ST.	1110	11.0	.6	1.0	.7	.85	4358.97
97	191394S	083610	CNW	00070.50	SIoux CITY	0	YORK ST	5327	1.0	1.0	1.2	.7	.75	3356.01
97	191396F	048350	CNW	00070.50	SIoux CITY	0	I-29 OFF RAMP	1070	1.0	1.0	1.0	.7	.75	561.75
97	191398U	048360	CNW	00070.50	SIoux CITY	0	I-29 ON RAMP	1200	1.0	1.0	1.0	.7	.75	630.00
97	191399B	048370	CNW	00070.50	SIoux CITY	0	HARBOR DR.	1438	1.0	1.0	1.0	.7	.75	754.95
97	191400T	048380	CNW	NONE	SIoux CITY	0	INDUSTRY	9672	1.0	1.0	1.2	.7	.75	999999.99
97	191408X	092740	CNW	NONE	SIoux CITY	0	PATTON ST	1	2.0	1.0	1.2	.7	.75	999999.99
97	191410Y	092750	CNW	NONE	SIoux CITY	0	MURRAY ST	400	1.0	1.0	1.0	.7	.75	999999.99
87	192445D	045600	CNW	00123.15	BLOCKTON	1	20E60S NW/C 27-67-32	5	9.0	1.0	1.0	.9	.80	32.40
87	192448Y	045610	CNW	00124.90	BLOCKTON	1	87S NW/C 23-67-32	25	9.0	1.0	1.2	.9	.80	194.40
87	192449F	045620	CNW	00125.70	BLOCKTON	1	42E25S NW/C 23-67-32	20	9.0	1.0	1.0	.9	.80	129.60
87	192452N	045630	CNW	00126.50	BLOCKTON	1	50S NW/C 13-67-32	35	9.0	1.0	1.2	.9	.80	272.16
87	192454C	099040	CNW	00127.30	BLOCKTON	0	REDDING RD	392	9.0	1.0	1.0	.9	.80	2540.16
87	192455J	099030	CNW	00127.55	BLOCKTON	0	KING ST	219	9.0	1.0	1.0	.9	.85	1507.82
87	192456R	099020	CNW	00127.65	BLOCKTON	0	HICKENLOUPER ST.	219	9.0	1.0	1.0	.9	.85	1507.82

EXPOSURE INDEX LIST BY FRA NUMBER

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87	192457X	015010	CNW	00127.75	BLOCKTON	0	NORTH ST	130	9.0	.1	1.0	.9	.85	89.51
80	192460F	014980	CNW	00128.98	BLOCKTON	1	375 NW/C 6-67-31	300	9.0	.6	1.2	.9	.80	1399.68
80	192461M	040260	CNW	00130.60	BLOCKTON	1	15E NW/C 6-67-31	49	9.0	1.0	1.0	.9	.80	317.52
80	192464H	040250	CNW	00130.60	BLOCKTON	1	15S NW/C 32-68-31	32	9.0	1.0	1.0	.9	.80	207.36
80	192466W	040240	CNW	00132.95	MALOY	0	96S NW/C22-68-31	25	9.0	1.0	1.2	.9	.80	194.40
80	192467D	040230	CNW	00133.50	MALOY	0	J-43	150	9.0	1.0	1.0	.9	.80	972.00
80	192473G	040210	CNW	00136.90	BENTON	0	MAIN ST.	219	9.0	1.0	1.0	.9	.80	1419.12
80	192475V	040200	CNW	00135.85	DIAGONAL	1	85E NW/C 6-68-30	15	9.0	1.0	1.0	.9	.80	97.20
80	192482F	040180	CNW	00141.95	DIAGONAL	1	15E NW/C 19-69-30	40	9.0	1.0	1.0	.9	.80	259.20
80	1924858	014650	CNW	00144.75	DIAGONAL	1	UNION ST.	390	9.0	.6	1.0	.9	.80	1516.32
80	192489D	040120	CNW	00147.25	DIAGONAL	1	70E NW/C 29-70-30	5	9.0	1.0	1.0	.9	.80	32.40
80	192490X	040100	CNW	00148.90	DIAGONAL	1	30E NW/C 21-70-30	80	9.0	1.0	1.2	.9	.80	622.08
80	192493T	040070	CNW	00151.20	ARISPE	1	45E75S NW/C 3-70-30	25	9.0	1.0	1.0	.9	.80	162.00
80	192496N	014660	CNW	00152.90	SHANNON CITY	0	1ST. ST.	270	9.0	.6	2.0	.9	.80	2099.52
88	192499J	059850	CNW	00154.05	ARISPE	1	50E NW/C 36-71-30	15	9.0	1.0	1.0	.9	.80	97.20
88	192500B	059840	CNW	00155.01	ARISPE	1	80E NW/C 25-71-30	18	9.0	1.0	1.0	.9	.80	116.64
88	192501H	059830	CNW	00155.50	ARISPE	1	95E55S NW/C 24-71-30	31	9.0	1.0	1.0	.9	.80	200.88
88	192505K	059820	CNW	00156.80	ARISPE	0	DUTCHER ST	150	9.0	.6	1.0	.9	.80	583.20
88	192506S	059820	CNW	00157.05	ARISPE	0	DUTCHER	150	9.0	1.0	1.0	.9	.85	1032.75
88	192508F	008240	CNW	00157.80	ARISPE	1	50E90S NW/C 8-71-29	890	9.0	.6	1.0	.9	.80	3460.32
88	192509M	059810	CNW	00158.60	ARISPE	1	30S NW/C 9-71-29	16	9.0	1.0	1.0	.9	.80	103.68
88	192510G	059800	CNW	00159.95	ARISPE	1	30S NW/C 3-71-29	42	9.0	1.0	1.0	.9	.80	272.16
88	192516X	059790	CNW	00162.50	ARISPE	1	15E20S NW/C 36-72-29	20	9.0	1.0	1.0	.9	.80	129.60
88	192519T	059780	CNW	00166.05	LORIMOR	1	05E25S NW/C 17-72-28	19	9.0	1.0	1.0	.9	.80	123.12
88	192520M	059770	CNW	00166.80	LORIMOR	1	50E50S NW/C 8-72-28	19	9.0	1.0	1.2	.9	.80	147.74



EXPOSURE INDEX LIST BY FRA NUMBER

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88	192521U	002170	CNW	00168.00	LORIMOR	1	10E75S NW/C 4-72-28	27	9.0	1.0	1.2	.9	.80	209.95
88	192524P	059750	CNW	00169.40	LORIMOR	1	80E50S NW/C 33-73-28	15	9.0	1.0	1.0	.9	.80	97.20
88	192525W	059740	CNW	00170.20	LORIMOR	1	98E NW/C 33-73-28	19	9.0	1.0	1.0	.9	.80	123.12
88	192527K	059730	CNW	00171.00	LORIMOR	1	30E NW/C 27-73-28	50	9.0	1.0	1.0	.9	.85	344.25
88	192530T	113290	CNW	00172.95	LORIMOR	0	3RD ST	219	9.0	1.0	1.0	.9	.85	1507.82
88	192531A	023490	CNW	00173.20	LORIMOR	0	1ST AVE	51	9.0	1.0	1.0	.9	.85	351.14
88	192532G	059710	CNW	00173.25	LORIMOR	0	5TH ST.	150	9.0	1.0	1.0	.9	.85	1032.75
61	192534V	037080	CNW	00176.50	LORIMOR	1	50E25S NW/C 36-74-28	29	9.0	1.0	1.0	.9	.80	187.92
61	192536J	037070	CNW	00177.50	LORIMOR	1	50E35S NW/C 31-74-27	5	9.0	1.0	1.0	.9	.80	32.40
61	192540Y	037060	CNW	00179.60	LORIMOR	1	50E80S NW/C 28-74-27	10	9.0	1.0	1.2	.9	.80	77.76
61	192541F	037050	CNW	00179.90	LORIMOR	1	75E63S NW/C 28-74-27	5	9.0	1.0	1.2	.9	.80	38.88
61	192545H	037040	CNW	00181.45	LORIMOR	1	45E45S NW/C 22-74-27	20	9.0	1.0	1.0	.9	.80	129.60
61	192547W	037030	CNW	00183.50	EAST PERU	1	85E50S NW/C 10-74-27	30	9.0	1.0	1.0	.9	.80	194.40
61	192548D	037020	CNW	00184.40	EAST PERU	0	FLORENCE	219	9.0	1.0	1.0	.9	.85	1507.82
61	192549K	037010	CNW	00184.60	EAST PERU	0	EMERSON ST.	470	9.0	.6	1.0	.9	.80	1827.36
61	192550E	037000	CNW	00185.00	EAST PERU	1	80S NW/C 1-74-27	75	9.0	1.0	1.2	.9	.80	583.20
61	192553A	096860	CNW	00186.20	EAST PERU	1	80E NW/C 1-74-27	25	9.0	1.0	1.0	.9	.80	162.00
61	192554G	036990	CNW	00186.40	EAST PERU	1	90S NW/C 31-75-26	25	9.0	1.0	1.0	.9	.80	162.00
61	192559R	036980	CNW	00187.70	EAST PERU	1	50E50S NW/C 32-75-26	60	9.0	.6	1.0	.9	.80	233.28
61	192566B	036860	CNW	00189.90	EAST PERU	1	20S NW/C 27-75-26	35	9.0	1.0	1.0	.9	.80	226.80
61	192569W	036850	CNW	00191.03	EAST PERU	1	45E15S NW/C 22-75-26	420	9.0	.6	1.2	.9	.80	1959.55
61	192577N	009760	CNW	00193.90	EAST PERU	1	99S NW/C 1-75-26	220	9.0	.6	1.0	.9	.80	855.36
61	192578V	036830	CNW	00194.25	EAST PERU	1	35E75S NW/C 1-75-26	10	9.0	1.0	1.0	.9	.80	64.80
91	192579C	042580	CNW	00195.25	MARTENSDALE	1	25E50S NW/C 6-75-25	48	9.0	1.0	1.0	.9	.80	311.04
91	192581D	042570	CNW	00196.50	MARTENSDALE	1	60S NW/C 32-76-25	10	9.0	1.0	1.0	.9	.80	64.80

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
91	192582K	042560	CNW	00197.50	MARTENSDALE	1	60E05S NW/C 32-76-25	24	9.0	1.0	1.2	.9	.80	186.62
91	192584Y	042550	CNW	00197.90	MARTENSDALE	1	60S NW/C 28-76-25	65	9.0	1.0	1.2	.9	.80	505.44
91	192588B	042510	CNW	00199.10	MARTENSDALE	0	IOWA AVE.	392	9.0	.6	1.0	.9	.85	1619.35
91	192589H	001550	CNW	00199.80	MARTENSDALE	1	85S NW/C 16-76-25	92	9.0	1.0	1.0	.9	.80	596.16
91	192593X	042480	CNW	00202.50	CUMMING	1	57E47S NW/C 4-76-25	45	9.0	1.0	1.0	.9	.80	291.60
91	192595L	042460	CNW	00203.70	CUMMING	1	30E50S NW/C 33-77-25	60	9.0	1.0	1.0	.9	.80	388.80
91	192596T	042450	CNW	00204.80	CUMMING	1	50E60S NW/C 29-77-25	50	9.0	1.0	1.0	.9	.80	324.00
91	192598G	042440	CNW	00205.85	CUMMING	1	80S NW/C 20-77-25	16	9.0	1.0	1.2	.9	.80	124.42
91	192601M	042420	CNW	00207.75	CUMMING	0	1ST. ST.	771	9.0	.6	1.0	.9	.85	3185.00
91	192602U	042410	CNW	00209.40	CUMMING	1	70S NW/C 4-77-25	55	9.0	1.0	1.0	.9	.85	378.68
91	192603B	042400	CNW	00210.10	CUMMING	1	70E50S NW/C 4-77-25	79	9.0	.6	2.0	.9	.80	614.30
91	192604H	042390	CNW	00210.40	CUMMING	1	20S NW/C 3-77-25	310	9.0	1.0	1.2	.9	.80	2410.56
91	192605P	042380	CNW	00210.60	DES MOINES	1	15E NW/C 3-77-25	25	9.0	1.0	1.0	.9	.80	162.00
77	192607D	047950	CNW	00211.50	DES MOINES	1	4E50S NW/C 35-78-25	90	9.0	1.0	2.0	.9	.80	1166.40
77	192610L	047940	CNW	00212.60	DES MOINES	1	76E11S NW/C 35-78-25	55	9.0	1.0	1.0	.9	.80	356.40
77	192612A	047920	CNW	00213.90	DES MOINES	1	74S NW/C 30-78-24	620	9.0	1.0	1.2	.9	.80	4821.12
77	192613G	047910	CNW	00214.30	DES MOINES	1	35S NW/C 30-78-24	620	9.0	.6	2.0	.9	.80	4821.12
77	192614N	047900	CNW	NONE	DES MOINES	1	82E NW/C 25-78-25	520	9.0	1.0	1.0	.9	.80	3369.60
77	192615V	106810	CNW	NONE	DES MOINES	0	PARK AVE	6600	9.0	.6	1.2	.9	.80	30792.96
77	192616C	106800	CNW	NONE	DES MOINES	0	SW 30TH N OF BELL	2193	9.0	.6	1.0	.9	.80	8526.38
77	192617J	130450	CNW	NONE	DES MOINES	0	VALLEY DRIVE	7233	1.0	1.0	1.0	.7	.75	3797.33
77	192618R	130460	CNW	NONE	DES MOINES	0	SUNSET ROAD	516	1.0	1.0	1.0	.7	.75	270.90
77	192621Y	130470	CNW	00218.55	DES MOINES	0	THOMAS BECK ROAD	7583	1.0	1.0	2.0	.7	.75	7962.15
77	192624U	106830	CNW	00219.22	DES MOINES	0	SW 2ND, N. OF DUNHAM	157	9.0	1.0	1.2	.9	.80	1220.83
77	192625B	106840	CNW	00219.30	DES MOINES	0	SW 1ST AND JACKSON	275	9.0	1.0	2.0	.9	.80	3564.00

EXPOSURE INDEX LIST BY FRA NUMBER

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77	192626H	106850	CNW	00219.35	DES MOINES	0	JACKSON AVE	2780	9.0	1.0	1.2	.9	.80	21617.28
77	192627P	106860	CNW	00219.40	DES MOINES	0	SO UNION ST	139	9.0	1.0	1.2	.9	.80	1080.86
77	192629D	106880	CNW	00219.50	DES MOINES	0	SE 1ST ST	9110	9.0	.6	1.2	.9	.80	42503.62
77	192631E	106900	CNW	00219.95	DES MOINES	0	SE 6TH ST	5198	9.0	.6	1.0	.9	.80	20209.82
77	192635G	106940	CNW	00220.30	DES MOINES	0	SE 9TH ST	173	9.0	1.0	1.0	.9	.80	1121.04
77	192636N	106960	CNW	00220.36	DES MOINES	0	SCOTT BETW 9TH & 10TH	1530	9.0	1.0	2.0	.9	.80	19828.80
77	192637V	106950	CNW	00220.40	DES MOINES	0	SE 10TH ST	191	9.0	1.0	1.0	.9	.80	1237.68
77	192640D	139470	CNW	00221.20	DES MOINES	0	SE 18TH ST	3400	9.0	.1	1.0	.9	.85	2340.90
77	192641K	106430	CNW	00221.40	DES MOINES	0	DEAN AVE	3620	9.0	.6	1.0	.9	.85	14954.22
77	192642S	106390	CNW	00221.60	DES MOINES	0	WALNUT ST	1920	9.0	.6	1.0	.9	.85	7931.52
77	192643Y	106410	CNW	00221.65	DES MOINES	0	CAPITOL ST.	516	9.0	.6	1.0	.9	.85	2131.60
77	192644F	095790	CNW	00221.70	DES MOINES	0	GRAND AVE	2630	9.0	.6	1.0	.9	.85	10864.53
77	192645M	106690	CNW	00221.77	DES MOINES	0	DES MOINES ST	337	9.0	.6	1.0	.9	.85	1392.15
77	192646U	092100	CNW	00221.95	DES MOINES	0	HUBBELL AVE	9450	9.0	.6	1.2	.9	.85	46845.54
77	192649P	106710	CNW	00222.25	DES MOINES	0	EASTON BLVD	1359	9.0	.6	1.0	.9	.85	5614.03
77	192650J	081450	CNW	00223.50	DES MOINES	0	HULL AVE	3962	9.0	.1	1.0	.9	.85	2727.84
77	192653E	001930	CNW	00225.20	DES MOINES	1	86E NW/C 24-79-24	5340	9.0	.6	1.0	.9	.80	20761.92
77	192654L	047080	CNW	00225.30	DES MOINES	1	85S NW/C 18-79-23	1880	9.0	.6	1.0	.9	.80	7309.44
77	192658N	047170	CNW	00226.55	DES MOINES	1	35S NW/C 17-79-23	1300	9.0	.1	2.0	.9	.80	1684.80
77	192663K	047190	CNW	00227.80	DES MOINES	1	80E46S NW/C 8-79-23	400	9.0	.6	1.0	.9	.80	1555.20
77	192665Y	047200	CNW	00228.75	DES MOINES	1	63E NW/C 9-79-23	150	.5	1.0	1.2	.9	.80	64.80
77	192667M	047210	CNW	00229.25	BONDURANT	1	76S NW/C 3-79-23	75	.5	1.0	1.2	.9	.80	32.40
77	192668U	047220	CNW	00230.50	BONDURANT	1	90E NW/C 3-79-23	60	9.0	1.0	1.2	.9	.80	466.56
77	192669B	047230	CNW	00230.70	BONDURANT	1	92S NW/C 35-80-23	728	9.0	.6	1.2	.9	.80	3396.56
77	192670V	047240	CNW	00231.60	BONDURANT	1	47S NW/C 36-80-23	60	9.0	1.0	1.0	.9	.80	388.80



## EXPOSURE INDEX LIST BY FRA NUMBER

CITY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
77	192672J	095320	CNW	00232.72	BONDURANT	0	GRANT ST	2140	9.0	.6	1.0	.9	.85	6840.34
77	192673R	047250	CNW	00232.75	BONDURANT	0	MAIN ST	1106	9.0	.1	1.0	.9	.85	761.48
77	192674X	047260	CNW	00233.30	BONDURANT	0	2ND ST N.E.	827	9.0	.1	2.0	.9	.85	1136.78
77	192675E	047270	CNW	00233.80	BONDURANT	0	NE BOTH	149	9.0	1.0	1.0	.9	.85	1025.87
77	192678A	047280	CNW	00234.70	BONDURANT	1	67S NW/C 22-80-22	40	9.0	1.0	1.0	.9	.80	259.20
77	192679G	047290	CNW	00236.05	BONDURANT	1	20E58S NW/C 27-80-22	110	9.0	1.0	1.0	.9	.80	712.80
77	192680B	047300	CNW	00237.75	BONDURANT	1	50E50S NW/C 26-80-22	61	9.0	1.0	1.0	.9	.80	395.28
77	192682P	047310	CNW	00238.40	BONDURANT	1	6S NW/C 25-80-22	304	9.0	.6	1.0	.9	.80	1181.95
50	192683W	059860	CNW	00240.90	VALERIA	1	15E NW/C 20-80-21	130	9.0	.6	1.0	.9	.80	505.44
50	192684D	059870	CNW	00241.95	VALERIA	1	60E 25SNW/C 17-80-21	74	9.0	1.0	1.0	.9	.80	479.52
50	192686F	059880	CNW	00244.40	MINGO	1	10E 50S NW/C 4-80-21	65	9.0	1.0	1.2	.9	.80	505.44
50	192689M	059890	CNW	00244.48	MINGO	1	25E 40S NW/C 4-80-21	8	9.0	1.0	1.2	.9	.80	62.21
50	192691N	009250	CNW	00245.60	MINGO	0	N. STATION ST	300	9.0	1.0	1.0	.9	.85	2065.50
50	192692V	127920	CNW	00245.75	MINGO	0	EAST ST	100	9.0	.1	1.0	.9	.85	68.85
50	192693C	025550	CNW	00246.01	MINGO	1	75E 50S NW/C 3-80-21	1240	9.0	.6	1.0	.9	.80	4821.12
50	192695R	059900	CNW	00247.20	MINGO	1	75S NW/C 1-80-21	65	9.0	1.0	1.0	.9	.80	421.20
50	192697E	059920	CNW	00248.20	MINGO	1	76S NW/C 6-80-20	30	9.0	1.0	1.0	.9	.80	194.40
50	192700K	059930	CNW	00249.80	MINGO	1	25E 10S NW/C 5-80-20	12	9.0	1.0	1.0	.9	.80	77.76
50	192701S	059940	CNW	00250.04	BAXTER	1	50E NW/C 5-80-20	460	9.0	.6	2.0	.9	.80	3576.96
50	192705U	059970	CNW	00252.20	BAXTER	1	75S NW/C 27-81-20	510	9.0	.6	2.0	.9	.80	3765.76
50	192707H	059990	CNW	00253.45	BAXTER	1	50E30S NW/C 22-81-20	54	9.0	1.0	1.0	.9	.80	349.92
50	192708P	060000	CNW	00254.10	BAXTER	1	80E NW/C 22-81-20	780	9.0	.6	1.0	.9	.80	3032.64
50	192709W	098490	CNW	00254.35	BAXTER	0	WEST ST	219	9.0	1.0	2.0	.9	.80	2838.24
50	192710R	098510	CNW	00254.50	BAXTER	0	STATE ST	219	9.0	1.0	1.2	.9	.85	1809.38
50	192711X	098500	CNW	00254.57	BAXTER	0	STATION ST	392	9.0	1.0	1.0	.9	.85	2698.92

## EXPOSURE INDEX LIST BY FRA NUMBER

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50	192712E	060010	CNW	00254.80	BAXTER	0	AMY ST & N. HIGH ST	219	9.0	1.0	1.0	.9	.85	1507.82
50	192713L	060020	CNW	00255.40	BAXTER	1	50E85S NW/C 11-81-20	240	9.0	1.0	2.0	.9	.80	3110.40
50	192716G	060030	CNW	00256.55	BAXTER	1	25E NW/C 12-81-20	40	9.0	1.0	1.2	.9	.80	311.04
50	192718V	060040	CNW	00257.45	BAXTER	1	60S NW/C 6-81-19	37	9.0	1.0	1.0	.9	.80	239.76
50	192719C	060050	CNW	00258.40	BAXTER	1	60E NW/C 6-81-19	8	9.0	1.0	1.0	.9	.80	51.84
64	192720W	038320	CNW	00259.40	MELBOURNE	1	75E NW/C 31-82-19	15	9.0	1.0	1.0	.9	.80	97.20
64	192724Y	038310	CNW	00261.45	MELBOURNE	1	90E NW/C 19-82-19	39	9.0	1.0	1.0	.9	.80	252.72
64	192726M	038300	CNW	00263.05	MELBOURNE	1	90E 50S NW/C 7-82-19	56	9.0	.6	1.0	.9	.80	217.73
64	192729H	009690	CNW	00264.25	MELBOURNE	1	10S NW/C 5-82-19	650	9.0	.1	1.2	.9	.80	505.44
64	192730C	039040	CNW	00264.50	MELBOURNE	1	10E NW/C 5-82-19	10	9.0	1.0	1.2	.9	.80	77.76
64	192732R	038540	CNW	00265.50	MELBOURNE	1	52S NW/C 33-83-19	27	9.0	1.0	1.0	.9	.80	174.96
64	192734E	038550	CNW	00266.60	MELBOURNE	1	NW/C 34-83-19	40	9.0	.6	1.0	.9	.80	155.52
64	192736T	038560	CNW	00267.60	MELBOURNE	1	80S NW/C 26-83-19	58	9.0	1.0	1.0	.9	.80	375.84
64	192737A	038570	CNW	00268.06	MELBOURNE	1	23E 50SNW/C 26-83-19	54	9.0	1.0	1.0	.9	.80	349.92
64	192740H	038580	CNW	00270.40	MELBOURNE	1	23S NW/C 19-83-18	100	9.0	1.0	1.0	.9	.80	648.00
64	192742W	038610	CNW	00272.50	MARSHALLTOWN	1	80E 50SNW/C 17-83-18	30	9.0	1.0	1.2	.9	.80	233.28
64	192745S	038630	CNW	00273.60	MARSHALLTOWN	1	60S NW/C 9-83-18	104	9.0	.6	1.2	.9	.80	485.22
64	192746Y	130480	CNW	00274.60	MARSHALLTOWN	1	20E 25S NW/C 9-83-18	127	9.0	1.0	1.0	.9	.80	822.96
77	192747F	107460	CNW	00002.43	DES MOINES	0	GUTHRIE AVE.	10471	.5	1.0	1.0	.7	.80	2931.88
77	192748M	130400	CNW	NONE	DES MOINES	0	DIXON ST.	2161	6.0	1.0	1.2	.7	.85	9257.72
77	192749U	091720	CNW	00002.95	DES MOINES	0	HULL AVE	3962	6.0	.6	1.0	.7	.85	8486.60
77	192750N	010510	CNW	00003.20	DES MOINES	0	ECCLID AVE	16100	6.0	.6	1.0	.8	.80	37094.40
77	192751V	106280	CNW	00003.60	DES MOINES	0	MADISON AVE	951	6.0	.6	1.0	.8	.85	2328.05
77	192752C	023480	CNW	00003.90	DES MOINES	1	AURORA AVE.	2360	6.0	.6	1.0	.8	.80	5437.44
77	192753J	001950	CNW	00004.30	DES MOINES	1	20E NW/C 24-79-24	7880	6.0	.6	1.0	.8	.85	19290.24

IOWA DEPARTMENT OF TRANSPORTATION  
RAIL AND WATER DIVISION

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
77	192757L	046870	CNW	00006.07	DES MOINES	1	NE 58TH AVE.	2670	6.0	.6	1.0	.8	.80	6151.68
77	192759A	046850	CNW	00006.96	DES MOINES	1	25E 50S NW/C 1-79-24	1070	6.0	.6	1.0	.8	.80	2465.28
77	192760L	046840	CNW	00007.40	ANKENY	1	37E NW/C 1-79-24	150	6.0	1.0	1.0	.8	.80	576.00
77	192761E	046810	CNW	00003.20	ANKENY	1	50E45S NW/C 36-80-24	16	6.0	1.0	1.0	.8	.80	61.44
77	192762H	046790	CNW	00008.55	ANKENY	1	50E NW/C 36-80-24	6190	6.0	.1	1.0	.8	.80	2376.96
77	192763P	046780	CNW	00009.50	ANKENY	0	SE MAGAZINE ROAD	2250	6.0	.6	1.2	.8	.80	6220.80
77	192764W	005600	CNW	00009.92	ANKENY	0	ANKENY BLVD	14900	6.0	.6	1.2	.8	.80	41195.52
77	192765D	098020	CNW	00010.40	ANKENY	0	SW WALNUT ST.	1430	4.0	.6	1.2	.8	.85	2800.51
77	192766K	098030	CNW	00010.56	ANKENY	0	SW CHERRY ST	650	4.0	.6	1.2	.8	.85	1272.96
77	192767S	046660	CNW	00010.60	ANKENY	0	SW 3RD ST	3010	13.0	.1	1.2	.8	.85	3193.01
77	192768Y	098000	CNW	00010.75	ANKENY	0	W 1ST ST	11077	4.0	.6	1.2	.8	.80	20417.13
77	192769F	046650	CNW	00011.75	ANKENY	1	40E NW/C 15-80-24	180	4.0	1.0	1.2	.8	.80	552.96
77	192770A	046640	CNW	00012.75	ANKENY	1	77S NW/C 10-80-24	1450	4.0	.6	1.0	.8	.80	2227.20
77	192771G	046630	CNW	00013.60	ANKENY	1	25E41S NW/C 9-80-24	45	4.0	1.0	1.2	.8	.80	138.24
77	192772N	046620	CNW	00014.10	ANKENY	1	05E NW/C 9-80-24	50	4.0	1.0	1.2	.8	.80	153.60
77	192773V	046610	CNW	00015.08	ANKENY	1	50E29S NW/C 5-80-24	35	4.0	1.0	1.2	.8	.80	107.52
77	192775J	046600	CNW	00015.35	ANKENY	1	33E NW/C 5-80-24	1270	4.0	.6	1.0	.8	.80	1950.72
77	192776R	046590	CNW	00016.05	ANKENY	1	49S NW/C 32-81-24	55	4.0	1.0	1.2	.8	.80	168.96
77	192778E	046580	CNW	00016.50	ANKENY	1	70E NW/C 31-81-24	31	4.0	1.0	1.0	.8	.80	79.36
77	192780F	046550	CNW	00017.50	SHELDAHL	1	95E24S NW/C 25-81-25	760	8.0	.6	1.0	.8	.80	2334.72
77	192783B	046540	CNW	00018.95	SHELDAHL	1	95E NW/C 24-81-25	70	4.0	1.0	1.0	.8	.80	179.20
77	192784H	046530	CNW	00019.96	SHELDAHL	1	95E NW/C 13-81-25	80	4.0	1.0	1.0	.8	.80	204.80
77	192785P	046520	CNW	00020.96	SHELDAHL	1	NW/C 7-81-24	65	8.0	.6	2.0	.8	.80	399.36
77	192786W	120120	CNW	00021.90	SHELDAHL	0	POLK	219	4.0	1.0	1.0	.8	.80	560.64
77	192787D	046500	CNW	00021.95	SHELDAHL	0	COUNTY AVE.	483	4.0	.6	1.0	.8	.85	788.26



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
77	192788K	130420	CNW	00022.10	SHELDAHL	0	STORY ST	219	4.0	1.0	1.0	.8	.85	999999.99
85	192790L	079380	CNW	00022.97	SLATER	0	6TH AVE	2050	4.0	.6	1.0	.8	.80	3148.80
85	192791T	121330	CNW	00023.30	SLATER	0	1ST AVE	219	4.0	1.0	1.0	.8	.80	560.64
85	192792A	079390	CNW	00024.02	SLATER	1	70E NW/C 30-82-24	60	4.0	1.0	1.0	.8	.80	153.60
85	192794N	079400	CNW	00025.05	SLATER	1	96E NW/C 19-82-24	25	4.0	1.0	1.0	.8	.80	64.00
85	192795V	079410	CNW	00025.20	SLATER	1	50S NW/C 17-82-24	1450	4.0	.6	2.0	.8	.80	4454.40
85	192798R	079420	CNW	00026.08	KELLEY	1	15E NW/C 17-82-24	41	4.0	1.0	1.0	.8	.80	104.96
85	192801W	079440	CNW	00028.20	KELLEY	0	GIDDINGS ST.	790	4.0	.6	1.0	.8	.80	1213.44
85	192804S	079370	CNW	00029.15	KELLEY	1	90E NW/C 32-83-24	45	4.0	1.0	1.0	.8	.80	115.20
85	192805Y	079360	CNW	00029.45	AMES	1	60S NW/C 28-83-24	84	4.0	1.0	2.0	.8	.80	430.08
85	192806F	079350	CNW	00030.27	AMES	1	35E NW/C 28-83-24	84	4.0	1.0	1.0	.8	.80	215.04
85	192807M	079330	CNW	00031.45	AMES	1	90S NW/C 15-83-24	275	4.0	1.0	2.0	.8	.80	1408.00
85	192808U	079320	CNW	00031.99	AMES	1	30E50S NW/C 15-83-24	991	4.0	1.0	1.0	.8	.80	2536.96
85	192810V	132190	CNW	00032.60	AMES	0	S0 16TH ST	3260	4.0	.6	1.0	.8	.80	5007.36
85	192811C	129340	CNW	00033.45	AMES	0	S0 4TH ST	5746	4.0	.6	1.0	.8	.85	9377.47
85	192812J	014920	CNW	00033.60	AMES	0	LINCOLNWAY	16800	4.0	.6	1.0	.8	1.00	32256.00
77	192814X	130440	CNW	NONE	ANKENY	0	ORDINANCE RD	7790	13.0	.6	1.2	.7	.75	38280.06
77	192845W	005590	CNW	NONE	DES MOINES	0	NE 14TH ST	16700	.5	.6	1.0	.7	.80	2805.60
77	192846D	046880	CNW	NONE	DES MOINES	1	NE7THST&NE44THAVE	470	.5	1.0	2.0	.7	.80	263.20
77	192848S	046890	CNW	NONE	DES MOINES	1	NE 3RD ST.	2400	.5	.6	1.0	.7	.80	403.20
77	192849Y	139230	CNW	NONE	DES MOINES	1	NE 43RD PL	50	.5	1.0	1.0	.7	.80	14.00
77	192851A	130570	CNW	NONE	DES MOINES	1	NW HOFFMAN LN	4500	.5	1.0	1.2	.7	.75	1417.50
77	192852G	107310	CNW	NONE	DES MOINES	0	NW 6TH AVE	9600	.5	.6	1.0	.7	.80	1612.80
77	192853N	046920	CNW	NONE	DES MOINES	0	NW 12TH ST	930	.5	1.0	1.0	.7	.80	260.40
77	192855C	091500	CNW	NONE	DES MOINES	1	EUCLID AVE	22100	.5	.6	1.0	.7	.80	3712.80

IOWA DEPARTMENT OF TRANSPORTATION  
RAIL AND WATER DIVISION

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
77	192895A	107440	CNW	NONE	DES MOINES	0	INDIANA ST	727	.5	.6	1.0	.7	.75	999999.99
77	192896G	107430	CNW	NONE	DES MOINES	0	FOREST ST	440	.5	1.0	1.0	.7	.75	115.50
77	192897N	107420	CNW	NONE	DES MOINES	0	CLARK ST	1059	.5	1.0	1.0	.7	.75	999999.99
77	192899C	107410	CNW	NONE	DES MOINES	0	COLLEGE ST	727	.5	1.0	1.0	.7	.75	999999.99
77	192900U	107400	CNW	NONE	DES MOINES	0	WASHINGTON ST	727	.5	1.0	1.0	.7	.75	190.84
77	192902H	107390	CNW	NONE	DES MOINES	0	JEFFERSON	664	.5	.6	1.2	.7	.75	999999.99
77	192903P	130640	CNW	NONE	DES MOINES	0	OHIO ST	7000	.5	.6	1.0	.7	.75	999999.99
77	192904W	107380	CNW	NONE	DES MOINES	0	FRANKLIN ST	727	.5	.6	1.0	.7	.75	999999.99
77	192905D	139490	CNW	NONE	DES MOINES	0	RIVER DRIVE	4115	.5	1.0	1.0	.7	.75	1080.19
77	192906K	107360	CNW	NONE	DES MOINES	0	HOLCOMB AVE	2952	.5	.1	1.0	.7	.75	999999.99
77	192908Y	140500	CNW	NONE	DES MOINES	0	SHERIDAN	16918	.5	1.0	1.0	.7	.75	4440.98
77	192909F	095400	CNW	NONE	DES MOINES	0	2ND AVE	16918	.5	.6	1.2	.7	.75	3197.50
77	192910A	140510	CNW	NONE	DES MOINES	0	SHERIDAN	16918	.5	1.0	1.2	.7	.75	5329.17
77	192911G	107340	CNW	NONE	DES MOINES	0	NEW YORK AVE	1542	.5	1.0	1.2	.7	.75	485.73
77	192912N	139460	CNW	NONE	DES MOINES	0	5TH AVE	516	.5	1.0	1.0	.7	.75	999999.99
77	192913V	139450	CNW	NONE	DES MOINES	0	6TH AVE	13367	.5	1.0	1.2	.7	.75	4210.61
77	192914C	107320	CNW	NONE	DES MOINES	0	CORNING AVE	2467	.5	1.0	1.2	.7	.75	777.11
37	192915J	128010	CNW	00260.30	GRAND JUNCTION	0	U.S. HWY #30	2840	1.0	.6	1.0	.7	.80	954.24
37	192916R	024970	CNW	00260.40	GRAND JUNCTION	0	9TH ST N	1070	.5	1.0	1.2	.7	.75	337.05
37	192918E	012920	CNW	00260.54	GRAND JUNCTION	0	MAIN ST	2200	1.0	.6	1.0	.7	.85	785.40
37	192919L	125840	CNW	00260.60	GRAND JUNCTION	0	HAGER ST	500	1.0	1.0	1.0	.7	.75	262.50
37	192920F	029930	CNW	00260.90	GRAND JUNCTION	0	ELIZABETH	100	1.0	1.0	1.0	.7	.80	999999.99
37	192921M	029940	CNW	00262.10	GRAND JUNCTION	1	10E NW/C 16-83-29	29	1.0	1.0	1.0	.7	.80	16.24
37	192922U	029950	CNW	00263.10	GRAND JUNCTION	1	25E NW/C 21-83-29	25	1.0	1.0	1.0	.7	.80	14.00
37	192924H	029960	CNW	00264.10	GRAND JUNCTION	1	32E NW/C 28-83-29	56	1.0	1.0	1.0	.7	.80	31.36

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
37	192926W	029970	CNW	00265.80	RIPPEY	1	35S NW/C 34-83-29	40	1.0	1.0	2.0	.7	.80	44.80
37	192927D	029980	CNW	00265.90	RIPPEY	1	10E50S NW/C 34-83-29	23	1.0	1.0	1.2	.7	.80	15.46
37	192928K	029990	CNW	00266.50	RIPPEY	1	55E NW/C 3-82-29	18	1.0	1.0	1.0	.7	.80	10.08
37	192929S	030000	CNW	00267.50	RIPPEY	0	1ST ST.	846	1.0	1.0	1.2	.7	.80	568.51
37	192930L	012930	CNW	00267.70	RIPPEY	0	PERCIVAL ST.	170	1.0	.6	1.2	.7	.85	72.83
37	192931T	119210	CNW	00267.90	RIPPEY	0	MAIN ST	392	1.0	1.0	1.0	.7	.85	233.24
37	192933G	030010	CNW	00269.20	RIPPEY	1	16S NW/C 13-82-29	31	1.0	1.0	2.0	.7	.80	34.72
37	192934N	030020	CNW	00270.10	RIPPEY	1	60E NW/C 24-82-29	47	1.0	1.0	1.2	.7	.80	31.58
08	192935V	084150	CNW	00270.95	BOONE	1	55S NW/C 19-82-28	20	1.0	1.0	1.2	.7	.80	13.44
08	192937J	084210	CNW	00272.00	PERRY	1	79E50S NW/C 30-82-28	1170	1.0	.6	1.2	.7	.80	471.74
08	192939X	084220	CNW	00272.50	PERRY	1	98S NW/C 29-82-28	45	1.0	1.0	2.0	.7	.80	50.40
08	192940S	084230	CNW	00273.20	PERRY	1	45E50S NW/C 32-82-28	85	1.0	1.0	1.2	.7	.80	57.12
25	192942F	087170	CNW	00274.30	PERRY	1	40S NW/C 4-81-28	163	1.0	1.0	1.2	.7	.80	109.54
25	192944U	118480	CNW	00275.80	PERRY	0	WARFORD ST	300	1.0	1.0	1.2	.7	.85	214.20
25	192945B	081400	CNW	00275.90	PERRY	0	WILLIS AVE	4120	1.0	.6	1.2	.7	.85	1765.01
25	192946H	118500	CNW	00276.00	PERRY	0	1ST ST	5320	1.0	1.0	2.0	.7	.85	6330.80
25	192947P	118510	CNW	00276.00	PERRY	0	OUTLEY AVE	2000	1.0	1.0	2.0	.7	.85	2380.00
25	192948W	118520	CNW	00276.10	PERRY	0	2ND ST	600	1.0	1.0	1.2	.7	.85	428.40
25	192949D	118530	CNW	00276.20	PERRY	0	ESTELLA ST	250	1.0	1.0	1.2	.7	.80	168.00
25	192950X	118540	CNW	00276.30	PERRY	0	3RD ST	1890	1.0	1.0	1.2	.7	.80	1270.08
25	192951E	118560	CNW	00276.50	PERRY	0	5TH ST	350	1.0	1.0	1.2	.7	.80	235.20
25	192952L	118490	CNW	00275.96	PERRY	0	WARFORD ST	300	.5	1.0	1.0	.7	.75	78.75
25	192953T	118550	CNW	00275.96	PERRY	0	WILLIS ST	4120	.5	1.0	1.0	.7	.75	1081.50
25	192954A	130650	CNW	00275.96	PERRY	0	OUTLEY ST	2000	.5	1.0	1.0	.7	.75	999999.99
25	192955G	130660	CNW	00275.96	PERRY	0	EVELYN ST	250	.5	.6	1.0	.7	.75	999999.99



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
25	192958C	087180	CNW	00277.50	PERRY	1	80E NW/C 22-81-28	50	1.0	1.0	1.2	.7	.80	33.60
25	192959J	087190	CNW	00277.80	PERRY	1	20S NW/C 23-81-28	74	1.0	1.0	2.0	.7	.80	82.88
25	192962S	087200	CNW	00279.50	PERRY	1	60S NW/C 25-81-28	40	1.0	1.0	2.0	.7	.80	44.80
25	192963Y	087210	CNW	00279.96	MINBLRN	1	25E NW/C 36-81-28	40	1.0	1.0	1.2	.7	.80	26.88
25	192966U	087220	CNW	00281.20	MINBURN	1	98E NW/C 1-80-28	35	1.0	1.0	1.2	.7	.80	23.52
25	192969P	115120	CNW	00282.80	MINBURN	0	WALNUT ST	1106	1.0	1.0	1.2	.7	.85	789.68
25	192970J	089630	CNW	00283.00	MINBLRN	0	CHESTNUT ST	440	1.0	.6	2.0	.7	.85	314.16
25	192971R	012320	CNW	00283.00	MINBURN	0	4TH ST	1370	1.0	.6	1.0	.7	.85	489.09
25	192972X	087230	CNW	00283.80	MINBURN	1	50E15S NW/C 17-80-27	16	1.0	1.0	1.2	.7	.80	10.75
25	192973E	087240	CNW	00284.30	MINBURN	1	75E50S NW/C 17-80-27	16	1.0	1.0	1.2	.7	.80	10.75
25	192975T	087250	CNW	00285.60	MINBLRN	1	50E50S NW/C 21-80-27	34	1.0	1.0	1.0	.7	.80	19.04
25	192978N	087260	CNW	00287.40	DALLAS CENTER	1	50E NW/C 34-80-27	83	1.0	1.0	1.0	.7	.80	46.48
25	192979V	087270	CNW	00288.20	DALLAS CENTER	1	80S NW/C 35-80-27	350	1.0	1.0	1.2	.7	.80	235.20
25	192980P	009550	CNW	00288.70	DALLAS CENTER	0	SUGAR GROVE AVE	2790	1.0	.6	1.2	.7	.80	1124.93
25	192981W	105060	CNW	00288.80	DALLAS CENTER	0	15TH ST & MAPLE AVE	600	1.0	1.0	2.0	.7	.80	672.00
25	192982D	130670	CNW	00288.95	DALLAS CENTER	0	14TH ST	1200	1.0	1.0	1.2	.7	.85	856.80
25	192983K	105070	CNW	00289.10	DALLAS CENTER	0	WALNUT AVE	1250	1.0	1.0	2.0	.7	.85	1487.50
25	192984S	087280	CNW	00289.12	DALLAS CENTER	0	SYCAMORE ST	364	1.0	1.0	1.2	.7	.85	259.90
25	192986F	105080	CNW	00289.30	DALLAS CENTER	0	VINE AVE	200	1.0	1.0	1.0	.7	.85	119.00
25	192988U	087290	CNW	00291.30	DALLAS CENTER	1	80E NW/C 13-79-27	55	1.0	1.0	1.0	.7	.80	30.80
25	192989B	087300	CNW	00291.70	DALLAS CENTER	1	30S NW/C 18-79-26	49	1.0	1.0	1.2	.7	.80	32.93
25	192990V	087310	CNW	00292.50	DALLAS CENTER	1	50E NW/C 19-79-26	55	1.0	1.0	1.0	.7	.80	30.80
25	192991C	087320	CNW	00293.60	WAUKEE	1	80S NW/C 20-79-26	19	1.0	1.0	2.0	.7	.80	21.28
25	192994X	087330	CNW	00294.96	WAUKEE	1	90S NW/C 22-79-26	510	1.0	1.0	1.2	.7	.80	342.72
25	192995E	009720	CNW	00295.10	WAUKEE	0	US 6	3770	1.0	.6	2.0	.7	.80	2533.44

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
25	192996L	124600	CNW	00295.30	WAUKEE	0	6TH ST	880	1.0	1.0	1.2	.7	.85	628.32
25	192997T	124610	CNW	00295.50	WAUKEE	0	5TH ST	421	1.0	1.0	1.0	.7	.85	250.50
25	192998A	124620	CNW	00295.60	WAUKEE	0	4TH ST	392	1.0	1.0	1.2	.7	.85	279.89
25	193001N	087340	CNW	00296.10	WAUKEE	0	EAST ST	245	1.0	1.0	1.0	.7	.80	137.20
25	193005R	087350	CNW	00297.10	WAUKEE	1	75E NW/C 4-78-26	2030	1.0	1.0	2.0	.7	.80	2273.60
25	193006X	087360	CNW	00297.80	WAUKEE	1	25E30S NW/C 3-78-26	21	1.0	1.0	1.0	.7	.80	11.76
25	193007E	087370	CNW	00298.70	WAUKEE	1	80S NW/C 2-78-26	53	1.0	1.0	1.2	.7	.80	35.62
25	193010M	087380	CNW	00299.30	WAUKEE	1	99S NW/C 1-78-26	2100	1.0	1.0	1.2	.7	.80	1411.20
25	193011U	003660	CNW	00209.90	WAUKEE	1	09E NW/C 12-78-26	1670	1.0	1.0	2.0	.7	.80	1870.40
77	193014P	046460	CNW	00300.80	WEST DES MOINES	1	60TH	360	1.0	1.0	1.0	.7	.80	201.60
77	193016D	046470	CNW	00301.90	WEST DES MOINES	0	50TH ST.	346	1.0	1.0	1.0	.7	.80	193.76
77	193017K	046480	CNW	00302.60	WEST DES MOINES	0	39TH ST	557	1.0	1.0	1.0	.7	.80	311.92
77	193019Y	009880	CNW	00303.97	WEST DES MOINES	0	GRAND AVE	8350	1.0	.6	1.0	.7	.80	2805.60
77	193020T	130680	CNW	00304.40	WEST DES MOINES	0	FULLER RD	2211	1.0	1.0	1.0	.7	.85	1315.55
77	193022G	130700	CNW	00304.70	WEST DES MOINES	0	S 11TH ST	672	1.0	1.0	1.0	.7	.85	399.84
77	193026J	106780	CNW	00307.70	DES MOINES	0	EDWARDS AVE	500	4.0	.1	1.0	.7	.85	119.00
77	193029E	107290	CNW	00309.10	DES MOINES	0	16TH ST	1890	4.0	1.0	1.0	.7	.85	4496.20
77	193030Y	139500	CNW	00309.45	DES MOINES	0	SW 11TH ST & MARKET	2737	.5	1.0	1.2	.7	.75	999999.99
77	193031F	107240	CNW	00309.57	DES MOINES	0	SW 9TH ST	9051	.5	1.0	1.0	.7	.75	999999.99
77	193033U	139510	CNW	00309.63	DES MOINES	0	SW 8TH ST	10471	.5	1.0	1.0	.7	.75	999999.99
77	193037W	107210	CNW	00309.75	DES MOINES	1	SW 6TH ST	11000	.5	1.0	1.0	.7	.75	999999.99
77	193038D	107330	CNW	00309.81	DES MOINES	0	SW 5TH ST & MARKET	516	.5	1.0	1.0	.7	.75	999999.99
77	193039K	107490	CNW	00309.83	DES MOINES	0	SW 4TH ST	523	.5	1.0	1.0	.7	.75	999999.99
77	193040E	139560	CNW	00309.85	DES MOINES	1	SW 3RD ST. & MARKET	14640	.5	1.0	1.0	.7	.75	999999.99
77	193041L	139580	CNW	00309.87	DES MOINES	1	SW 2ND ST	15000	.5	.6	1.0	.7	.75	999999.99

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
77	193045N	107300	CNW	00305.30	DES MOINES	1	63RD ST	16900	1.0	.1	1.0	.7	.85	1005.55
64	193046V	038650	CNW	00247.15	MARSHALLTOWN	1	50E NW/C 8-83-17	120	.5	1.0	1.0	.8	.80	36.40
64	193050K	038660	CNW	00249.45	MARSHALLTOWN	1	45E NW/C 21-83-17	30	.5	1.0	1.0	.8	.80	9.60
64	193052Y	038670	CNW	00250.60	MARSHALLTOWN	1	94S NW/C 22-83-17	222	.5	.6	1.0	.8	.80	42.62
64	193053F	038680	CNW	00250.63	MARSHALLTOWN	1	02E NW/C 27-83-17	35	.5	1.0	1.0	.8	.80	11.20
64	193055U	038690	CNW	00251.60	MARSHALLTOWN	1	30E NW/C 34-83-17	45	.5	1.0	1.0	.8	.80	14.40
64	193057H	038700	CNW	00252.60	GILMAN	1	20E NW/C 3-82-17	26	.5	1.0	1.0	.8	.80	8.32
64	193059W	038710	CNW	00253.60	GILMAN	1	40E NW/C 10-82-17	271	.5	.6	1.0	.8	.85	55.28
64	193060R	038720	CNW	00254.60	GILMAN	1	60E NW/C 15-82-17	25	.5	1.0	1.0	.8	.80	8.00
64	193063L	038740	CNW	00255.75	GILMAN	1	15S NW/C 23-82-17	40	.5	1.0	1.2	.8	.80	15.36
64	193064T	038750	CNW	00256.75	GILMAN	1	50E NW/C 26-82-17	20	.5	1.0	1.0	.8	.80	6.40
64	193065A	038760	CNW	00257.40	GILMAN	1	77E 50SNW/C 26-82-17	34	.5	1.0	1.0	.8	.80	10.88
64	193066G	038780	CNW	00257.60	GILMAN	0	CENTER	442	.5	.6	1.0	.8	.85	90.17
64	193067N	038770	CNW	00257.94	GILMAN	0	CHURCH ST.	392	.5	1.0	1.0	.8	.85	133.28
64	193068V	110600	CNW	00258.06	GILMAN	0	STRAIT ST	219	.5	1.0	1.0	.8	.85	74.46
64	193069C	110610	CNW	00258.15	GILMAN	0	MAIN ST	588	.5	.6	2.0	.8	.80	225.79
50	193070W	087160	CNW	00259.10	GILMAN	1	20E NW/C 1-81-17	37	.5	1.0	1.0	.8	.80	11.84
50	193071D	087150	CNW	00260.10	GRINNELL	1	10E NW/C 12-81-17	25	.5	1.0	1.0	.8	.80	8.00
50	193074Y	087140	CNW	00262.15	GRINNELL	1	30E NW/C 24-81-17	410	.5	.6	1.2	.8	.80	94.46
50	193075F	087040	CNW	00262.70	GRINNELL	1	80E50S NW/C 24-81-17	44	.5	1.0	1.2	.8	.80	16.90
79	193076M	044400	CNW	00263.06	GRINNELL	1	70S NW/C 19-81-16	45	.5	1.0	1.2	.8	.80	17.28
79	193077U	044410	CNW	00263.60	GRINNELL	1	30E NW/C 30-81-16	45	.5	1.0	1.2	.8	.80	17.28
79	193080C	044420	CNW	00264.45	GRINNELL	1	63S NW/C 29-81-16	45	.5	1.0	1.2	.8	.80	17.28
79	193082R	044430	CNW	00265.07	GRINNELL	1	45E NW/C 32-81-16	60	.5	1.0	1.2	.8	.80	23.04
79	193087A	044440	CNW	00267.30	GRINNELL	1	50E NW/C 9-80-16	300	.5	1.0	1.0	.8	.80	96.00



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
79	193088G	126240	CNW	00267.80	GRINNELL	0	10TH AVE	600	.5	1.0	1.0	.8	.80	192.00
79	193089N	126230	CNW	00268.10	GRINNELL	0	8TH AVE	1130	.5	.6	1.0	.8	.80	216.96
79	193096Y	014590	CNW	00268.30	GRINNELL	0	6TH AVE	6470	.5	.6	1.2	.8	.80	1490.69
79	193097F	126210	CNW	00268.40	GRINNELL	0	5TH AVE	600	.5	1.0	1.0	.8	.80	192.00
79	193098M	126200	CNW	00268.50	GRINNELL	0	4TH AVE	1660	.5	1.0	1.0	.8	.80	531.20
79	193099J	126190	CNW	00268.75	GRINNELL	0	3RD AVE	1100	.5	1.0	1.0	.8	.80	352.00
79	193101T	126170	CNW	00268.92	GRINNELL	0	1ST AVE	1825	.5	1.0	1.0	.8	.85	620.50
79	193102A	091620	CNW	00268.95	GRINNELL	0	HAMILTON AVE	500	.5	.6	1.0	.8	.85	102.00
79	193103G	126160	CNW	00269.01	GRINNELL	0	WASHINGTON AVE	700	.5	1.0	1.0	.8	.85	238.00
79	193105V	044450	CNW	00269.98	GRINNELL	1	30E50S NW/C 21-80-16	195	.5	1.0	1.0	.8	.80	62.40
79	193106C	044660	CNW	00270.45	GRINNELL	1	30E NW/C 28-80-16	730	.5	1.0	1.0	.8	.80	233.60
79	193107J	044460	CNW	00271.50	GRINNELL	1	40E NW/C 33-80-16	79	.5	1.0	1.0	.8	.80	25.28
79	193109X	008060	CNW	00272.40	GRINNELL	1	20E NW/C 4-79-16	82	.5	1.0	1.0	.8	.80	26.24
79	193113M	044470	CNW	00274.40	GRINNELL	1	22E NW/C 16-79-16	350	.5	1.0	1.0	.8	.80	112.00
79	193116H	008050	CNW	00275.40	SEARSBORO	1	15E NW/C 21-79-16	70	.5	1.0	1.0	.8	.80	22.40
79	193120X	044520	CNW	00279.50	SEARSBORO	1	40E88S NW/C 4-78-16	22	.5	1.0	1.0	.8	.80	7.04
79	193121E	119940	CNW	00280.10	SEARSBORO	0	4TH ST.	40	.5	1.0	1.2	.8	.80	15.36
79	193122L	119930	CNW	00280.30	SEARSBORO	0	2ND ST.	120	.5	1.0	1.0	.8	.85	40.80
79	193124A	044530	CNW	00281.30	SEARSBORO	1	26E05S NW/C 15-78-16	50	.5	1.0	1.2	.8	.80	19.20
79	193126N	052090	CNW	00282.90	SEARSBORO	1	60E50S NW/C 22-78-16	40	.5	1.0	1.0	.8	.80	12.80
79	193127V	052100	CNW	00283.40	SEARSBORO	1	90E NW/C 27-78-16	45	.5	1.0	1.0	.8	.80	14.40
79	193129J	044540	CNW	00284.65	SEARSBORO	1	60E NW/C 35-78-16	23	.5	1.0	2.0	.8	.80	14.72
62	193131K	003040	CNW	00286.10	NEW SHARON	1	50E NW/C 1-77-16	1140	.5	.6	1.2	.8	.80	262.66
62	193133Y	037200	CNW	00287.10	NEW SHARON	1	80E NW/C 12-77-16	40	.5	1.0	1.0	.8	.80	12.80
62	193136U	116590	CNW	00289.20	NEW SHARON	0	DEPOT ST.	392	.5	1.0	1.0	.8	.85	133.28

## EXPOSURE INDEX LIST BY FRA NUMBER

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62	193138H	037210	CNW	00290.00	NEW SHARON	1	80E NW/C 25-77-16	61	.5	1.0	1.0	.8	.80	19.52
62	193139P	037220	CNW	00291.10	NEW SHARON	1	85E NW/C 36-77-16	40	.5	1.0	1.0	.8	.80	12.80
62	193145T	037250	CNW	00294.10	NEW SHARON	1	95E NW/C 13-76-16	21	.5	1.0	1.0	.8	.80	6.72
95	195174K	109710	CNW	NONE	FOREST CITY	0	J STREET	3970	3.0	1.0	1.0	.8	.85	8098.80
98	195403C	083310	CNW	00119.90	HANLONTOWN	0	MAIN ST	219	3.5	1.0	1.0	.8	.85	521.22
98	195404J	090420	CNW	00120.10	HANLONTOWN	0	NORTH ST.	900	4.0	.6	1.2	.8	.85	1762.56
95	195406X	057750	CNW	00132.60	LAKE MILLS	0	4TH AVE S	392	4.0	1.0	1.0	.7	.80	878.08
95	195407E	057740	CNW	00132.41	LAKE MILLS	0	WASHINGTON ST	219	4.0	1.0	1.2	.7	.80	588.67
95	195408L	133600	CNW	00132.40	LAKE MILLS	0	6TH AVE	219	4.0	1.0	1.2	.7	.80	588.67
95	195409T	112340	CNW	00132.30	LAKE MILLS	0	SO. LAKE ST.	558	4.0	.6	1.0	.7	.80	749.95
95	195410M	057760	CNW	00132.10	LAKE MILLS	0	WINNEBAGO ST.	1540	4.0	.6	1.0	.7	.80	2069.76
95	195411J	015180	CNW	NONE	LAKE MILLS	0	MILLS ST	493	.5	1.0	1.0	.7	.75	129.41
95	195483X	057690	CNW	00138.50	SCARVILLE	0	MAIN ST.	400	3.5	.6	1.0	.8	.85	571.20
95	195484E	015190	CNW	00132.80	LAKE MILLS	0	MAIN ST	2330	4.0	.6	1.2	.7	.85	4849.49
95	195485L	133610	CNW	00132.10	LAKE MILLS	0	2ND AVE	219	4.0	1.0	1.2	.7	.85	525.46
95	195488G	057600	CNW	NONE	LAKE MILLS	0	N. LAKE ST.	1600	.5	.6	1.2	.7	.75	999999.99
98	195539P	083330	CNW	00123.20	HANLONTOWN	1	65E NW/C 15-98-22	51	4.0	1.0	1.0	.8	.80	130.56
98	195541R	083340	CNW	00124.20	JOICE	1	28E NW/C 10-98-22	40	4.0	1.0	1.0	.8	.80	102.40
98	195542X	083350	CNW	00124.80	JOICE	1	45S NW/C 3-98-22	200	4.0	1.0	1.2	.8	.80	614.40
98	195543E	083360	CNW	00125.30	JOICE	1	90E NW/C 4-98-22	13	4.0	1.0	1.0	.8	.80	33.28
98	195544L	083370	CNW	00126.40	JOICE	1	50E NW/C 33-99-22	700	4.0	1.0	1.0	.8	.80	1792.00
98	195545T	111790	CNW	00127.00	JOICE	0	LAKE ST	151	4.0	1.0	1.0	.8	.85	410.72
98	195547G	083380	CNW	00127.50	JOICE	0	S-14	550	4.0	.6	1.2	.8	.80	1013.76
98	195549V	083280	CNW	00128.40	JOICE	1	45E36S NW/C 20-99-22	200	4.0	1.0	1.0	.8	.80	512.00
95	195561C	057790	CNW	00130.50	LAKE MILLS	1	62E NW/C 13-99-23	15	4.0	1.0	1.2	.8	.80	46.08

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CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
95	195562J	057780	CNW	00130.60	LAKE MILLS	1	75E96S NW/C 12-99-23	70	4.0	1.0	1.0	.8	.80	179.20
95	195564X	057770	CNW	00131.50	LAKE MILLS	1	03E50S NW/C 12-99-23	70	4.0	1.0	1.2	.8	.80	215.04
95	195568A	057730	CNW	00134.00	LAKE MILLS	1	21E NW/C 3-99-23	40	4.0	1.0	1.0	.8	.80	102.40
95	195571H	057720	CNW	00135.00	LAKE MILLS	1	04E NW/C 34-100-23	35	4.0	1.0	1.0	.8	.80	89.60
95	195572P	057710	CNW	00135.70	SCARVILLE	1	50E55S NWC 28-100-23	40	4.0	1.0	1.0	.8	.80	102.40
95	195574D	057700	CNW	00136.80	SCARVILLE	1	48E NW/C 29-100-23	44	4.0	1.0	1.2	.8	.80	135.17
17	195577Y	114630	CNW	00109.00	MASON CITY	0	25TH ST N.W.	120	.5	1.0	1.2	.7	.80	40.32
46	195901L	032830	CNW	00127.15	BRADGATE	1	71S NW/C 9-92-30	34	2.0	1.0	1.0	.8	.80	43.52
46	195905N	032840	CNW	00124.40	BRADGATE	1	50E77S NW/C 14-92-30	95	2.0	1.0	1.0	.8	.80	121.60
46	195907C	032850	CNW	00122.80	RUTLAND	1	46S NW/C 19-92-29	200	2.0	1.0	1.0	.8	.80	256.00
46	195912Y	134930	CNW	00116.00	DAKOTA CITY	1	12S NW/C 6-91-28	113	2.0	1.0	1.2	.8	.80	173.57
46	195924T	032970	CNW	00105.25	THOR	1	82S NW/C 15-91-27	20	2.0	1.0	1.0	.8	.80	25.60
46	195926G	032980	CNW	00104.30	THOR	1	75S NW/C 14-91-27	24	2.0	1.0	1.0	.8	.80	30.72
46	195928V	032990	CNW	00103.20	EAGLE GROVE	1	88S NW/C 13-91-27	40	2.0	1.0	1.0	.8	.80	51.20
99	195933S	108460	CNW	00097.46	EAGLE GROVE	0	10TH ST. S.	1180	5.0	1.0	1.0	.8	.80	3776.00
99	195934Y	043560	CNW	00096.10	EAGLE GROVE	1	36E50S NW/C 2-90-26	70	4.0	1.0	1.0	.8	.80	179.20
99	195935F	043570	CNW	00094.75	EAGLE GROVE	1	65S NW/C 12-90-26	360	4.0	1.0	1.2	.8	.80	1105.92
99	195936M	043580	CNW	00094.30	EAGLE GROVE	1	20E NW/C 13-90-26	55	4.0	1.0	1.0	.8	.80	140.80
99	195937U	043590	CNW	00092.70	WOOLSTOCK	1	95E50S NW/C 24-90-26	46	4.0	1.0	1.0	.8	.80	117.76
99	195938E	127310	CNW	00091.21	WOOLSTOCK	1	ALICE ST.	740	4.0	.6	1.0	.8	.80	1136.64
99	195940C	133430	CNW	00090.45	WOOLSTOCK	0	NEVILLE ST.	219	5.0	1.0	1.2	.8	.85	893.52
99	195943X	009940	CNW	00102.90	GOLDFIELD	0	90E NW/C 4-91-26	2210	2.0	.6	1.0	.8	.85	1803.36
46	195944E	032400	CNW	00112.30	RENWICK	1	25E NW/C 26-93-27	10	2.5	1.0	1.2	.8	.80	19.20
55	195945L	134370	CNW	00118.30	LIVERNE	0	NORTH ST	40	2.5	1.0	1.0	.7	.80	56.00
55	195946T	034680	CNW	00119.10	LIVERNE	1	95S NW/C 30-94-27	430	2.5	1.0	1.2	.7	.80	722.40



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95	195973P	057650	CNW	00141.40	SCARVILLE	1	26S NW/C 13-100-24	32	4.0	1.0	1.2	.8	.80	78.30
95	195975D	057660	CNW	00140.60	SCARVILLE	1	52E NW/C 14-100-24	25	4.0	1.0	1.2	.8	.80	76.80
95	195977S	057670	CNW	00139.60	SCARVILLE	1	84S NW/C 13-100-24	30	4.0	1.0	1.2	.8	.80	92.16
95	195978Y	057680	CNW	00139.50	SCARVILLE	1	13E NW/C 24-100-24	270	4.0	1.0	1.2	.8	.80	829.44
17	195980A	075620	CNW	00110.00	MASON CITY	1	55E50S NW/C 29-97-20	728	4.0	.6	1.0	.8	.80	1118.21
17	195984C	075660	CNW	00113.60	MASON CITY	1	02S NW/C 13-97-21	45	4.0	1.0	1.2	.8	.80	138.24
17	195986R	075670	CNW	00114.40	HANLONTOWN	1	40E50S NW/C 11-97-21	23	4.0	1.0	1.2	.8	.80	70.66
17	195987X	075680	CNW	00114.90	HANLONTOWN	1	10S NW/C 11-97-21	23	4.0	1.0	1.2	.8	.80	70.66
17	195988E	075690	CNW	00115.10	HANLONTOWN	1	85E NW/C 10-97-21	43	4.0	1.0	1.2	.8	.80	132.10
98	195991M	083290	CNW	00116.90	HANLONTOWN	1	50E75S NW/C 33-98-21	46	4.0	1.0	1.2	.8	.80	141.31
98	195993B	083300	CNW	00118.70	HANLONTOWN	1	75S NW/C 29-98-21	120	4.0	1.0	1.0	.8	.80	307.20
98	195994H	083330	CNW	00119.20	HANLONTOWN	1	57E50S NW/C 30-98-21	70	4.0	1.0	1.2	.8	.80	215.04
98	195996W	083320	CNW	00120.50	HANLONTOWN	1	50E78S NW/C 24-98-22	67	4.0	1.0	1.0	.8	.80	171.52
86	196065K	014950	CNW	00000.40	TAMA	0	13TH ST	1218	2.0	.8	1.0	.8	.80	1247.23
86	196098X	078660	CNW	00018.50	GLADEROCK	0	EAST ST.	1369	2.0	1.0	1.0	.8	.80	1752.32
42	196183M	108800	CNW	00005.30	ELDORA	0	12TH AVE.	577	2.0	1.0	1.0	.7	.80	646.24
42	196184U	108810	CNW	00005.35	ELDORA	0	11TH AVE.	783	2.0	1.0	1.0	.7	.80	876.96
42	196185E	108820	CNW	00005.50	ELDORA	0	9TH AVE	1544	2.0	1.0	1.0	.7	.80	1729.23
42	196186H	134510	CNW	00005.80	ELDORA	0	12TH STREET	384	2.0	1.0	1.0	.7	.80	430.08
42	196187P	108830	CNW	00005.85	ELDORA	0	WASHINGTON ST	740	2.0	1.0	1.0	.7	.80	828.80
42	196188W	108840	CNW	00005.90	ELDORA	0	14TH ST.	783	2.0	1.0	1.0	.8	.80	1002.24
42	196189D	108850	CNW	00006.00	ELDORA	0	15TH STREET	384	2.0	1.0	1.0	.7	.80	430.08
42	196190X	108760	CNW	00006.05	ELDORA	0	16TH ST	384	2.0	1.0	1.0	.7	.80	430.08
42	196191E	108870	CNW	00006.15	ELDORA	0	17TH ST.	577	2.0	1.0	1.2	.7	.80	775.49
42	196212V	082500	CNW	00006.70	ELDORA	1	35E50S NW/C 6-87-19	160	2.0	1.0	1.0	.8	.80	204.80

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
42	196214J	079810	CNW	00007.65	ELDORA	1	85E75S NW/C 36-88-20	80	2.0	1.0	1.2	.8	.80	122.88
42	196216X	079800	CNW	00008.90	ELDORA	1	80S NW/C 25-88-20	560	2.0	1.0	1.2	.7	.80	752.64
42	196217E	079790	CNW	00010.10	OWASA	1	35S NW/C 26-88-20	64	2.0	1.0	1.2	.7	.80	86.02
42	196221U	079780	CNW	00011.80	OWASA	1	60E50S NW/C 21-88-20	45	2.0	1.0	1.2	.7	.80	60.48
42	196223H	118130	CNW	00012.90	OWASA	0	HARDIN ST	219	2.0	1.0	1.0	.7	.85	260.61
42	196224P	079770	CNW	00013.10	OWASA	0	CO.RD.D-35(ELM ST)	590	2.0	1.0	1.2	.7	.85	842.52
42	196225W	079760	CNW	00013.20	OWASA	0	CO.RD.(OAK ST)	594	2.0	1.0	1.2	.7	.80	798.34
42	196229Y	079750	CNW	00014.90	OWASA	1	30S NW/C 7-88-20	15	2.0	1.0	1.2	.7	.80	20.16
42	196230T	079740	CNW	00015.40	OWASA	1	50E NW/C 12-88-21	110	2.0	1.0	1.2	.7	.80	147.84
42	196231A	079730	CNW	00017.40	IOWA FALLS	1	60E25S NW/C 31-89-20	63	2.0	1.0	1.0	.7	.80	70.56
42	196232G	079720	CNW	00019.20	IOWA FALLS	1	75E50S NW/C 19-89-20	340	2.0	1.0	1.0	.7	.80	380.80
42	196235C	006860	CNW	00020.20	IOWA FALLS	0	S.OAK ST.	8680	2.0	.6	1.0	.7	.80	5832.96
42	196236J	111560	CNW	00020.55	IOWA FALLS	0	SOUTH RIVER ST.	200	2.0	1.0	1.2	.7	.85	285.60
42	196237R	079710	CNW	00021.65	IOWA FALLS	0	GEORGETOWN RD	200	2.0	1.0	1.0	.7	.80	224.00
42	196246P	006870	CNW	00024.50	ALDEN	1	65E83S NW/C 17-89-21	3890	2.0	.6	1.2	.7	.80	3136.90
42	196249K	079700	CNW	00025.40	ALDEN	1	70S NW/C 17-89-21	70	2.0	1.0	1.0	.7	.80	76.40
42	196255N	097560	CNW	00026.10	ALDEN	0	CO.RD S-25	687	2.0	1.0	1.0	.7	.80	769.44
94	196271X	011020	CNW	00000.34	FORT DODGE	0	5TH AVE S.	16300	.5	.6	1.0	.7	.75	2567.25
94	196272E	140030	CNW	NONE	FORT DODGE	0	N. 16TH ST	690	.5	1.0	1.0	.7	.75	999999.99
77	196273V	140090	CNW	00355.01	DES MOINES	0	MARKET	2870	.5	1.0	1.0	.7	.75	753.36
77	196279C	140100	CNW	NONE	DES MOINES	0	WILLOWMERE DR.	918	.5	1.0	1.0	.7	.75	999999.99
77	196283S	137910	CNW	00302.87	WEST DES MOINES	0	35TH ST. S.W.	1088	1.0	.6	1.0	.8	.80	417.79
99	196310L	098650	CNW	00206.40	BELMOND	0	4TH AVE SE	2100	.5	1.0	1.0	.7	.85	624.75
99	196312A	098630	CNW	00206.50	BELMOND	0	2ND AVE. S.E.	219	.5	1.0	1.0	.7	.85	65.15
99	196313G	009930	CNW	00206.60	BELMOND	0	RIVER AVE	3120	.5	.6	1.0	.7	.80	524.16

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
14	196351R	139300	CNW	NONE	CARROLL	0	RAILROAD ST	40	.5	1.0	1.2	.7	.80	13.44
98	196364S	060640	CNW	00049.67	MANLY	1	92E NW/C 33-98-20	40	5.0	1.0	1.0	.8	.85	136.00
17	196365Y	060650	CNW	00050.67	MANLY	1	92E NW/C 4-97-20	83	5.0	1.0	1.0	.8	.80	265.60
98	196367M	113890	CNW	00048.22	MANLY	0	HARRIS ST.	558	1.0	1.0	1.0	.7	.85	332.01
98	196368U	113900	CNW	00048.43	MANLY	0	MAIN ST.	392	1.0	1.0	1.0	.7	.80	219.52
98	196369B	003170	CNW	00048.67	MANLY	0	SOUTH ST	2320	5.0	.6	1.0	.8	.80	4454.40
17	196370V	000780	CNW	00051.46	MANLY	1	97E NW/C 9-97-20	380	5.0	.6	1.0	.8	.80	729.60
17	196371C	060660	CNW	00052.47	MASON CITY	1	NW/C 15-97-20	19	5.0	1.0	1.0	.8	.80	60.80
17	196372J	134970	CNW	00059.20	MASON CITY	0	SOUTH PIERCE	1655	1.0	1.0	1.0	.7	.80	926.80
17	196374X	060670	CNW	00060.70	MASON CITY	1	75S NW/C 20-96-20	80	1.0	1.0	1.0	.8	.80	51.20
17	196375E	060680	CNW	00061.13	MASON CITY	1	75E NW/C 30-96-20	28	1.0	1.0	1.0	.8	.80	17.92
17	196376L	060690	CNW	00061.98	MASON CITY	1	50E NW/C 31-96-20	72	1.0	1.0	1.0	.8	.80	46.08
17	196377T	060700	CNW	00063.39	MASON CITY	1	99E NW/C 1-95-21	38	1.0	1.0	1.0	.8	.80	24.32
17	196378A	060710	CNW	00064.74	MASON CITY	1	25E NW/C 12-95-21	486	1.0	1.0	1.0	.7	.80	272.16
17	196380B	060720	CNW	00064.93	MASON CITY	1	15E27S NW/C 12-95-21	65	2.0	1.0	1.0	.7	.85	77.35
17	196381H	058340	CNW	00053.47	MASON CITY	1	95E NW/C 21-97-20	65	5.0	1.0	1.0	.8	.80	208.00
17	196386S	097770	CNW	00056.98	MASON CITY	0	12TH ST.	5584	7.5	.6	1.0	.7	1.00	17589.60
17	196387Y	095280	CNW	00057.18	MASON CITY	0	9TH ST. N.W.	1137	6.0	.6	1.0	.7	.85	2435.45
17	196388F	095290	CNW	00057.81	MASON CITY	0	1ST N.W.	5276	6.5	.6	1.0	.7	.85	12242.96
17	196390G	114590	CNW	00057.92	MASON CITY	0	4TH S.W.	460	5.0	.6	1.0	.7	.80	772.80
17	196392V	114580	CNW	00058.15	MASON CITY	0	6TH S.W.	7203	5.0	.6	1.0	.7	.80	12101.04
17	196393C	011740	CNW	00059.09	MASON CITY	0	19TH ST. S.W.	8360	5.0	.6	1.0	.7	.80	14044.80
17	196394J	060730	CNW	00065.21	MASON CITY	1	50S NW/C 12-95-21	20	1.0	1.0	1.0	.7	.80	11.20
17	196396X	060740	CNW	00065.75	MASON CITY	1	70E NW/C 14-95-21	27	1.0	1.0	1.2	.8	.80	20.74
17	196398L	060750	CNW	00066.86	MASON CITY	1	25E NW/C 23-95-21	41	1.0	1.0	1.0	.8	.80	26.24



EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
17	196399T	060770	CNW	00069.00	SWALEDALE	1	80E NW/C 34-95-21	40	1.0	1.0	1.0	.8	.80	25.60
17	196402Y	060790	CNW	00071.05	SWALEDALE	1	40E NW/C 10-94-21	710	1.0	.6	1.0	.7	.80	238.56
17	196403F	122550	CNW	00071.20	SWALEDALE	0	LINCOLN ST.	342	1.5	1.0	1.0	.7	.85	305.24
99	196407H	044240	CNW	00083.70	MESERVEY	1	10E NW/C 12-93-23	30	1.0	1.0	1.2	.8	.80	23.04
99	196408P	044230	CNW	00083.85	MESERVEY	1	10S NW/C 12-93-23	38	1.0	1.0	1.2	.8	.80	29.18
99	196409W	044220	CNW	00085.18	MESERVEY	1	80S NW/C 11-93-23	20	1.0	1.0	1.2	.8	.80	15.36
99	196410R	044210	CNW	00086.20	BELMOND	1	90S NW/C 10-93-23	60	1.0	1.0	1.0	.8	.80	38.40
99	196412E	044200	CNW	00087.22	BELMOND	1	99S NW/C 09-93-23	25	1.0	1.0	1.0	.7	.80	14.00
99	196413L	044190	CNW	00087.27	BELMOND	1	97E NW/C 17-93-23	48	1.0	1.0	2.0	.7	.80	53.76
99	196416G	044180	CNW	00088.68	BELMOND	1	95E NW/C 19-93-23	280	1.0	1.0	1.0	.7	.80	156.80
99	196417N	044170	CNW	00088.90	BELMOND	1	LUICK'S LANE	190	1.0	1.0	1.2	.7	.80	127.68
99	196418V	098690	CNW	00089.59	BELMOND	0	4TH AVE N.E.	1200	1.0	1.0	1.2	.7	.80	806.40
99	196419C	098700	CNW	00089.70	BELMOND	0	3RD AVE N.E.	219	1.0	1.0	1.2	.7	.80	147.17
99	196421D	005560	CNW	00089.95	BELMOND	0	RIVER AVE N.	3690	1.0	.6	1.2	.7	.80	1487.81
99	196422K	044280	CNW	00090.40	BELMOND	0	MAIN ST.	860	2.0	.6	1.0	.7	.85	614.04
99	196423S	044040	CNW	00091.72	BELMOND	1	60E25S NW/C 36-93-24	70	1.0	1.0	1.0	.8	.80	44.80
99	196425F	044030	CNW	00092.40	BELMOND	1	15E NW/C 1-92-24	27	1.0	1.0	1.2	.8	.80	20.74
99	196426M	044020	CNW	00092.70	BELMOND	1	25S NW/C 1-92-24	30	1.0	1.0	1.2	.8	.80	23.04
99	196427U	044000	CNW	00093.00	BELMOND	1	80E60S NW/C 2-92-24	30	1.0	1.0	1.2	.8	.80	23.04
99	196428B	043990	CNW	00093.61	BELMOND	1	50E05S NW/C 11-92-24	30	1.0	1.0	1.2	.8	.80	23.04
99	196429H	043980	CNW	00094.20	BELMOND	1	22E50S NW/C 11-92-24	37	1.0	1.0	1.2	.7	.80	24.86
99	196432R	026170	CNW	00095.75	CLARION	1	65E89S NW/C 9-92-24	350	1.0	1.0	1.0	.8	.80	224.00
99	196433X	043970	CNW	00095.85	CLARION	1	60E99S NW/C 9-92-24	190	1.0	1.0	1.0	.8	.80	121.60
99	196434E	134860	CNW	00096.21	CLARION	1	58E26S NW/C 16-92-24	22	1.0	1.0	1.0	.8	.80	14.08
99	196437A	043960	CNW	00097.45	CLARION	1	95E NW/C 20-92-24	70	1.0	1.0	1.2	.8	.80	53.76

EXPOSURE INDEX LIST BY FRA NUMBER

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99	196440H	043950	CNW	00098.13	CLARION	1	50E 65S NW/C20-92-24	560	1.0	1.0	1.2	.8	.80	430.08
99	196443D	097210	CNW	00100.30	CLARION	1	30S NW/C 31-92-24	880	1.0	1.0	1.2	.7	.80	591.36
99	196445S	095750	CNW	00100.85	CLARION	0	8TH AVE NW	1089	1.0	1.0	1.0	.7	.80	609.84
99	196446Y	102470	CNW	00100.90	CLARION	0	7TH AVE NW	90	1.0	1.0	1.0	.7	.80	50.40
99	196447F	102440	CNW	00100.93	CLARION	0	5TH AVE NW	320	1.0	1.0	1.0	.7	.80	179.20
94	196456E	059640	CNW	00320.20	MOORLAND	0	GRAND ST	85	1.5	1.0	1.0	.8	.85	86.70
94	196458T	109920	CNW	NONE	FORT DODGE	0	N 20TH ST	745	1.0	.6	1.0	.7	.75	999999.99
94	196459A	128490	CNW	00320.60	MOORLAND	0	2ND STREET	170	1.5	1.0	1.0	.8	.85	173.40
94	196460U	046150	CNW	00380.34	MOORLAND	0	6TH ST	790	1.5	.6	1.2	.8	.85	580.18
94	196462H	008440	CNW	00382.57	MOORLAND	1	60E NW/C 22-88-30	55	1.5	1.0	1.2	.8	.80	63.36
94	196463P	059660	CNW	00383.20	MOORLAND	1	30S NW/C 22-88-30	55	1.5	1.0	1.2	.8	.80	63.36
94	196464W	059670	CNW	00384.44	MOORLAND	1	90S NW/C 21-88-30	380	1.5	1.0	1.2	.8	.85	465.12
94	196466K	059680	CNW	00385.58	SOMERS	1	50S NW/C 29-88-30	803	1.5	.6	1.2	.8	.80	555.03
94	196468Y	059690	CNW	00386.44	SOMERS	1	15E NW/C 31-88-30	5	1.5	1.0	1.2	.8	.80	5.76
13	196470A	020790	CNW	00327.86	SOMERS	1	75S NW/C 36-88-31	400	1.5	.6	1.2	.8	.80	276.48
13	196471G	020780	CNW	00388.30	SOMERS	1	60E NW/C 2-87-31	98	1.5	1.0	1.2	.8	.80	112.90
13	196472N	020770	CNW	00328.66	SOMERS	0	6TH AVE	594	1.5	.6	1.2	.8	.85	436.23
13	196473V	020720	CNW	00389.04	SOMERS	1	1ST AVE	23	1.5	.6	1.2	.8	.80	999999.99
99	196507M	043530	CNW	00357.50	EAGLE GROVE	1	50E23S NW/C 5-90-26	40	1.5	1.0	1.2	.8	.80	46.08
99	196508U	043540	CNW	00358.15	EAGLE GROVE	1	67E NW/C 7-90-26	55	1.5	1.0	1.2	.8	.80	63.36
99	196509B	043550	CNW	00358.90	VINCENT	1	50E25S NW/C 7-90-26	35	1.5	1.0	1.2	.8	.80	40.32
94	196515E	059490	CNW	00361.65	VINCENT	1	50E 90SNW/C 14-90-27	60	1.5	1.0	1.2	.8	.80	69.12
94	196516L	059500	CNW	00361.60	VINCENT	1	45E NW/C 23-90-27	55	1.5	1.0	1.2	.8	.80	63.36
94	196518A	123160	CNW	00362.67	VINCENT	0	2ND ST	219	1.5	1.0	1.2	.8	.85	268.06
94	196519G	059510	CNW	00362.72	VINCENT	0	1ST ST	900	1.5	.1	1.2	.8	.85	110.16

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94	196521H	059520	CNW	00363.40	VINCENT	1	95S NW/C 22-90-27	15	1.5	1.0	1.2	.8	.80	17.28
94	196522P	059530	CNW	00363.46	VINCENT	1	96E NW/C 28-90-27	55	1.5	1.0	1.2	.8	.80	63.36
94	196526S	059540	CNW	00365.25	VINCENT	1	50E LOSNW/C 32-90-27	21	1.5	1.0	1.0	.8	.80	20.16
94	196527Y	059550	CNW	00365.77	VINCENT	1	35S NW/C 32-90-27	50	1.5	1.0	1.2	.8	.80	57.60
94	196529M	059560	CNW	00366.90	VINCENT	1	10E NW/C 6-89-27	21	1.5	1.0	1.2	.8	.80	24.19
94	196530G	059570	CNW	00367.10	FORT DODGE	1	10S NW/C 6-89-27	80	1.5	1.0	1.2	.8	.80	92.16
94	196532V	059580	CNW	00368.50	FORT DODGE	1	70E NW/C 11-89-28	540	1.5	1.0	1.2	.8	.80	622.08
94	196537E	059590	CNW	00370.06	FORT DODGE	1	60E NW/C 15-89-28	25	1.5	1.0	1.2	.8	.80	28.80
94	196538L	134610	CNW	00370.78	FORT DODGE	0	32ND ST	1991	1.5	.6	1.2	.8	.80	1376.18
94	196539T	059610	CNW	00371.60	FORT DODGE	0	TENTH AVE NORTH	5276	1.5	.6	1.2	.8	.80	3646.77
94	196540M	109900	CNW	00372.40	FORT DODGE	0	SECOND AVE NORTH	6700	1.5	.6	1.2	.8	.85	4920.48
94	196541U	109910	CNW	00372.50	FORT DODGE	0	21ST ST NORTH	4810	1.0	1.0	1.0	.7	.75	2525.25
94	196543H	087580	CNW	00372.85	FORT DODGE	0	5TH AVE S	15800	1.5	.6	1.0	.7	.80	7963.20
94	196545W	109980	CNW	00373.50	FORT DODGE	0	S 18TH ST & 9TH AVE	527	1.5	.6	1.2	.7	.80	318.73
94	196546D	109830	CNW	00373.55	FORT DODGE	0	SOUTH 17TH	2770	1.5	.6	1.2	.7	.80	1675.30
94	196547K	109850	CNW	00373.60	FORT DODGE	0	S 15TH ST	267	1.5	1.0	1.2	.7	.80	269.14
94	196553N	059620	CNW	00378.60	MOORLAND	1	85S NW/C 5-88-29	30	1.5	1.0	1.2	.8	.80	34.56
94	196554V	059630	CNW	00378.79	MOORLAND	1	80E NW/C 7-88-29	180	1.5	1.0	1.2	.8	.80	207.36
41	196557R	084530	CNW	00218.75	KANAWHA	0	MAIN ST	1320	.5	1.0	1.0	.7	.85	392.70
41	196558X	111820	CNW	00218.70	KANAWHA	0	MAPLE	342	.5	1.0	1.0	.7	.85	101.75
41	196560Y	084520	CNW	00217.20	KANAWHA	1	50S NW/C 26-94-25	65	.5	1.0	1.2	.7	.80	21.84
41	196561F	084510	CNW	00217.10	KANAWHA	1	40E NW/C 35-94-25	340	.5	1.0	1.2	.7	.80	114.24
41	196564B	084500	CNW	00216.20	KANAWHA	1	70S NW/C 36-94-25	45	.5	1.0	1.2	.7	.80	15.12
99	196565H	044390	CNW	00214.50	BELMOND	1	90S NW/C 6-93-24	35	.5	1.0	1.2	.7	.80	11.76
99	196566P	044380	CNW	00214.40	BELMOND	1	15E NW/C 7-93-24	20	.5	1.0	1.2	.7	.80	6.72



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99	196567W	044370	CNW	00213.70	BELMOND	1	50E46S NW/C 7-93-24	15	.5	1.0	1.2	.7	.80	5.04
99	196569K	044360	CNW	00213.08	BELMOND	1	95E NW/C 18-93-24	21	.5	1.0	1.2	.7	.80	7.06
99	196570E	044350	CNW	00212.90	BELMOND	1	15S NW/C 17-93-24	14	.5	1.0	1.2	.7	.80	4.70
99	196572T	044340	CNW	00211.52	BELMOND	1	90S NW/C 16-93-24	5	.5	1.0	1.2	.7	.80	1.68
99	196573A	044330	CNW	00211.45	BELMOND	1	10E NW/C 21-93-24	466	.5	1.0	1.2	.7	.80	156.58
99	196575N	044320	CNW	00210.25	BELMOND	1	92S NW/C 22-93-24	10	.5	1.0	1.2	.7	.80	3.36
99	196576V	044310	CNW	00210.15	BELMOND	1	10E NW/C 27-93-24	70	.5	1.0	1.2	.7	.80	23.52
99	196577C	044300	CNW	00209.65	BELMOND	1	50E20S NW/C 27-93-24	25	.5	1.0	1.0	.7	.80	7.00
99	196579R	044290	CNW	00207.95	BELMOND	1	90S NW/C 25-93-24	25	.5	1.0	1.0	.7	.80	7.00
99	196581S	015280	CNW	00344.77	CLARION	0	CENTRAL AVE	4800	1.5	.6	1.0	.8	.80	2764.80
99	196582Y	102420	CNW	00345.18	CLARION	0	10TH ST. S.W.	20	1.5	1.0	1.0	.8	.85	20.40
99	196583F	043680	CNW	00346.70	CLARION	1	30S NW/C 2-91-25	30	1.5	1.0	1.0	.8	.80	28.80
99	196585U	043670	CNW	00347.85	CLARION	1	90S NW/C 3-91-25	35	1.5	1.0	1.2	.8	.80	40.32
99	196589W	043660	CNW	00349.50	CLARION	1	75E80S NW/C 8-91-25	20	1.5	1.0	1.0	.8	.80	19.20
99	196590R	043650	CNW	00349.90	EAGLE GROVE	1	25E NW/C 17-91-25	20	1.5	1.0	2.0	.8	.80	38.40
99	196591X	043640	CNW	00350.20	EAGLE GROVE	1	10S NW/C 17-91-25	568	1.5	1.0	1.0	.8	.80	545.28
99	196594T	043630	CNW	00351.50	EAGLE GROVE	1	69S NW/C 18-91-25	26	1.5	1.0	1.0	.8	.80	24.96
99	196595A	043620	CNW	00351.80	EAGLE GROVE	1	60E NW/C 24-91-26	25	1.5	1.0	1.2	.8	.80	28.80
99	196596G	043610	CNW	00352.50	EAGLE GROVE	1	30S NW/C 24-91-26	25	1.5	1.0	1.2	.8	.80	28.80
99	196598V	108530	CNW	00354.25	EAGLE GROVE	0	N E 5TH ST	384	1.5	1.0	1.2	.8	.85	470.02
99	196599C	108520	CNW	00354.30	EAGLE GROVE	0	N E 4TH ST	384	1.5	1.0	1.0	.8	.85	391.68
99	196600U	108510	CNW	00354.35	EAGLE GROVE	0	N E 3RD ST	384	1.5	.6	1.0	.8	.85	235.01
99	196601B	108500	CNW	00354.40	EAGLE GROVE	0	N E 2ND ST	1660	5.5	.1	1.0	.8	.85	620.84
99	196602H	108490	CNW	00354.45	EAGLE GROVE	0	NE 1ST ST	384	1.5	1.0	1.0	.8	.85	391.68
99	196603P	108480	CNW	00354.50	EAGLE GROVE	0	BROADWAY	3510	1.5	.1	1.0	.8	.85	358.02

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
99	196604W	043520	CNW	00354.60	EAGLE GROVE	0	S E SECOND ST	384	1.5	.1	1.0	.8	.85	39.17
99	196605D	108470	CNW	00355.05	EAGLE GROVE	0	SOUTH AVE	384	2.0	1.0	1.2	.7	.80	516.10
99	196606K	011600	CNW	00355.16	EAGLE GROVE	0	S.COMMERCIAL	4050	1.5	.6	1.0	.8	.80	2332.80
76	196614C	135240	CNW	00149.50	LAURENS	1	25S NW/C 26-93-34	350	2.0	1.0	1.0	.8	.80	448.00
91	196622U	139600	CNW	NONE	INDIANOLA	0	E GIRARD ST	553	.5	1.0	1.0	.7	.75	145.16
94	196626W	135250	CNW	00372.94	FORT DODGE	0	6TH AVE S.	5615	7.0	.6	1.0	.7	.80	13206.48
41	196632A	140320	CNW	NONE	FOREST CITY	0	S. 4TH STREET	2330	.5	1.0	.0	.7	.75	999999.99
94	196633G	138050	CNW	00371.95	FORT DODGE	0	27TH STREET	1	1.5	.6	1.0	.7	.85	.54
33	196635V	140420	CNW		OELWEIN	1	6TH AVE S.W.	890	.5	.6	1.0	.7	.80	149.52
33	196640S	140120	CNW	00247.82	OELWEIN	1	10E10SNW/C17-91-9	120	.5	1.0	1.2	.7	.80	40.32
72	196645B	139930	CNW	NONE	SIBLEY	0	12TH ST	300	.5	1.0	1.0	.7	.75	78.75
32	196646H	139940	CNW	NONE	ESTHERVILLE	0	CENTRAL AVE.	8260	.5	1.0	1.0	.7	.75	2168.25
55	196647P	139950	CNW	NONE	LAKOTA	1	15S NW/C20-99-27	61	.5	1.0	1.0	.7	.75	16.01
25	196657V	129510	CNW	00276.60	PERRY	1	IA 141 BYPASS	4330	1.0	.6	1.0	.7	.80	1454.88
99	196717C	043480	CNW	00099.30	EAGLE GROVE	1	40E 50S NW/C22-91-26	48	2.0	1.0	1.0	.8	.80	61.44
99	196718J	043470	CNW	00099.60	EAGLE GROVE	1	32E NW/C 22-91-26	33	2.0	1.0	1.0	.8	.80	42.24
99	196719R	043460	CNW	00100.80	GOLDFIELD	1	25E NW/C 15-91-26	71	2.0	1.0	1.0	.8	.80	90.88
99	196720K	043430	CNW	00104.90	GOLDFIELD	1	50E NW/C 28-92-26	45	2.0	1.0	1.2	.8	.80	69.12
99	196722Y	015300	CNW	00109.80	RENWICK	1	03S NW/C 6-92-26	850	2.5	.6	1.2	.8	.80	979.20
46	196723F	032420	CNW	00110.50	RENWICK	0	SMITH RD.	392	2.5	1.0	1.2	.8	.85	799.68
46	196725U	032410	CNW	00111.10	RENWICK	1	06E NW/C 36-93-27	334	2.5	1.0	1.2	.8	.80	641.28
46	196726B	032380	CNW	00113.70	LUVERNE	1	41E NW/C 22-93-27	95	2.5	1.0	1.2	.8	.80	182.40
46	196727H	032350	CNW	00115.90	LUVERNE	1	26S NW/C 9-93-27	200	2.5	1.0	2.0	.8	.80	640.00
46	196728P	032340	CNW	00116.90	LUVERNE	1	35E50S NW/C 5-93-27	43	2.5	1.0	1.2	.7	.80	72.24
46	196729W	032330	CNW	00117.60	LUVERNE	0	KOSSUTH AVE	432	2.5	1.0	1.2	.7	.80	725.76

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
55	196730R	138060	CNW	00118.20	LIVERNE	0	NORTH MAPLE	100	2.5	1.0	1.2	.8	.80	192.00
55	196731X	034690	CNW	00119.00	LIVERNE	1	04E NW/C 31-94-27	55	2.5	1.0	1.2	.7	.80	92.40
55	196732E	097590	CNW	00131.90	ALGONA	0	MCGREGOR ST.	2590	2.5	.1	1.0	.8	.85	440.30
55	196733L	097180	CNW	00131.70	ALGONA	1	IRVINGTON RD.	140	2.5	1.0	1.0	.7	.85	208.25
55	196734T	134380	CNW	00131.75	ALGONA	0	CHUBB ST.	1038	2.5	1.0	1.0	.7	.85	1544.03
55	196735A	097580	CNW	00131.95	ALGONA	0	STATE ST.	1550	2.5	1.0	1.0	.7	.85	2305.63
55	196736G	097600	CNW	00132.00	ALGONA	0	DIAGONAL ST.	5140	2.5	1.0	1.2	.7	.80	8635.20
55	196737N	097610	CNW	00132.05	ALGONA	0	ELM ST.	799	2.5	1.0	1.0	.7	.80	1118.60
55	196739C	021260	CNW	00132.90	ALGONA	1	60E NW/C 1-95-29	4130	2.5	.6	1.2	.7	.80	4163.04
55	196740W	034580	CNW	00133.40	ALGONA	1	75E 70SNW/C 36-96-29	25	2.5	1.0	1.2	.8	.80	48.00
55	196742K	034570	CNW	00135.30	ALGONA	1	59E NW/C 30-96-28	54	2.5	1.0	1.0	.8	.80	86.40
55	196744Y	034520	CNW	00141.60	BURT	0	WALNUT ST	690	2.5	1.0	1.0	.7	.85	1026.38
55	196745F	034500	CNW	00143.70	BURT	1	25E NW/C 13-97-29	5	2.5	1.0	1.0	.7	.80	7.00
55	196746M	034390	CNW	00144.60	BURT	1	32E NW/C 12-97-29	380	2.5	1.0	1.0	.7	.80	532.00
55	196748B	034380	CNW	00146.50	BANCROFT	1	25E NW/C 36-98-29	33	2.5	1.0	1.0	.7	.80	46.20
55	196749H	034370	CNW	00147.50	BANCROFT	1	25E NW/C 25-98-29	420	2.5	1.0	1.0	.7	.80	588.00
55	196750C	098410	CNW	00148.10	BANCROFT	0	W GREENWOOD ST	342	2.5	1.0	1.0	.7	.85	508.73
55	196751J	034360	CNW	00148.20	BANCROFT	0	W RAMSEY ST	1106	2.5	1.0	1.0	.7	.85	1645.18
55	196752R	034350	CNW	00148.50	BANCROFT	0	SENECA RD	450	2.5	1.0	1.0	.7	.80	630.00
76	196855R	083090	CNW	00148.60	LAURENS	1	40S NW/C 25-93-34	58	2.0	1.0	1.0	.8	.80	74.24
76	196856X	083080	CNW	00147.20	LAURENS	1	50E 60SNW/C 30-93-33	20	2.0	1.0	1.0	.8	.80	25.60
76	196858L	083070	CNW	00146.10	HAVELOCK	1	50E 75SNW/C 29-93-33	20	2.0	1.0	1.0	.8	.80	25.60
76	196860M	083060	CNW	00144.60	HAVELOCK	1	97S NW/C 27-93-33	38	2.0	1.0	1.0	.8	.80	48.64
11	196905S	114130	CNW	00157.25	MARATHON	0	SHERMAN	308	1.0	1.0	1.0	.8	.85	209.44
11	196906Y	076750	CNW	00157.10	MARATHON	0	AGORA ST	1106	1.0	1.0	1.0	.8	.85	752.08



## EXPOSURE INDEX LIST BY FRA NUMBER

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11	196907F	076760	CNW	00156.65	MARATHON	1	22S NW/C 22-93-35	64	1.0	1.0	1.0	.8	.80	40.96
11	196908M	076740	CNW	00155.50	MARATHON	1	42S NW/C 23-93-35	44	1.0	1.0	1.0	.8	.80	28.16
11	196909U	076730	CNW	00154.60	MARATHON	1	55S NW/C 24-93-35	27	1.0	1.0	1.0	.8	.80	17.28
76	196910N	083130	CNW	00153.70	LAURENS	1	70S NW/C 19-93-34	46	1.0	1.0	1.0	.8	.80	29.44
76	196911V	083120	CNW	00152.70	LAURENS	1	85S NW/C 20-93-34	50	2.0	1.0	1.0	.8	.80	64.00
76	196912C	083110	CNW	00151.20	LAURENS	1	30E NW/C 21-93-34	174	2.0	1.0	1.2	.8	.80	267.26
76	196913J	083100	CNW	00150.65	LAURENS	1	10S NW/C 27-93-34	1020	2.0	1.0	1.0	.8	.80	1305.60
76	196914R	112710	CNW	00150.40	LAURENS	0	N. 3RD ST	1500	2.0	1.0	1.0	.8	.85	2040.00
76	196915X	112720	CNW	00150.30	LAURENS	0	N. 1ST ST	800	2.0	1.0	1.0	.8	.85	1088.00
76	196916E	022740	CNW	00149.90	LAURENS	0	EAST STREET	660	2.0	1.0	1.0	.8	.80	844.80
76	196917L	083050	CNW	00143.50	HAVELOCK	1	15S NW/C 35-93-33	140	2.0	1.0	1.0	.8	.80	179.20
76	196918T	083040	CNW	00142.71	HAVELOCK	0	MAIN ST	1106	2.0	1.0	1.0	.8	.85	1504.16
76	196919A	110730	CNW	00142.50	HAVELOCK	0	GILL ST	100	2.0	1.0	1.0	.8	.85	136.00
76	196920U	007890	CNW	00141.60	HAVELOCK	1	44S NW/C 31-93-32	1290	2.0	.6	1.0	.8	.80	990.72
76	196921B	083030	CNW	00140.50	HAVELOCK	1	60S NW/C 32-93-32	30	2.0	1.0	1.0	.8	.80	38.40
76	196922H	083020	CNW	00139.50	HAVELOCK	1	75S NW/C 33-93-32	27	2.0	1.0	1.0	.8	.80	34.56
76	196923P	083010	CNW	00138.50	HAVELOCK	1	90S NW/C 34-93-32	310	2.0	1.0	1.0	.8	.80	396.80
76	196924W	083000	CNW	00138.05	ROLFE	1	50E NW/C 3-92-32	23	2.0	1.0	1.2	.8	.80	35.33
76	196925D	082990	CNW	00137.50	ROLFE	1	10S NW/C 2-92-32	32	2.0	1.0	1.0	.8	.80	40.96
76	196926K	082980	CNW	00136.50	ROLFE	1	25S NW/C 1-92-32	12	2.0	1.0	1.0	.8	.80	15.36
76	196928Y	007910	CNW	00134.50	ROLFE	1	55S NW/C 5-92-31	770	2.0	.6	1.0	.8	.80	591.36
76	196929F	119610	CNW	00133.65	ROLFE	0	GRANT AVE	219	2.0	1.0	1.0	.8	.85	297.84
76	196930A	022700	CNW	00133.40	ROLFE	1	70S NW/C 4-92-31	100	2.0	1.0	1.0	.8	.85	136.00
76	196931G	082970	CNW	00132.40	ROLFE	1	80S NW/C 3-92-31	102	2.0	1.0	1.0	.8	.80	130.56
76	196932N	082960	CNW	00130.50	ROLFE	1	99S NW/C 1-92-31	62	2.0	1.0	1.0	.8	.80	79.36

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CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
76	196933V	082950	CNW	00129.50	ROLFE	1	70E 80S NW/C 1-92-31	231	2.0	1.0	1.0	.8	.80	295.68
46	196935J	128090	CNW	00128.40	BRADGATE	0	KING AVE	846	2.0	1.0	1.0	.8	.80	1082.88
46	196936R	099130	CNW	00128.20	BRADGATE	0	PUBLIC ROAD ST.	219	2.0	1.0	1.0	.8	.80	280.32
46	196937X	032820	CNW	00128.00	BRADGATE	0	GARFIELD AVE	392	2.0	1.0	1.0	.8	.85	533.12
46	196938E	032860	CNW	00121.70	RUTLAND	1	89S NW/C 20-92-29	44	2.0	1.0	1.0	.8	.80	56.32
46	196939L	032870	CNW	00121.40	RUTLAND	0	SHERIDAN AVE	280	2.0	1.0	1.2	.8	.80	430.08
46	196940F	119790	CNW	00121.10	RUTLAND	0	ELM	219	2.0	1.0	1.0	.8	.85	297.84
46	196941M	119800	CNW	00121.00	RUTLAND	0	GRAND	219	2.0	1.0	1.0	.8	.85	297.84
46	196942U	032880	CNW	00120.90	RUTLAND	0	WASHINGTON	530	2.0	1.0	1.0	.8	.85	720.80
46	196944H	032890	CNW	00119.20	DAKOTA CITY	1	50E50S NW/C 27-92-29	60	2.0	1.0	1.0	.8	.80	76.80
46	196947D	032880	CNW	00117.00	HUMBOLDT	1	91E50S NW/C 36-92-29	89	2.0	1.0	1.2	.8	.80	136.70
46	196948K	032890	CNW	00116.90	HUMBOLDT	0	TAFT ST.	208	2.0	1.0	1.0	.8	.80	266.24
46	196950L	111120	CNW	00115.70	DAKOTA CITY	0	5TH AVE. N.	170	2.0	1.0	1.0	.8	.85	231.20
46	196951T	032700	CNW	00115.60	DAKOTA CITY	0	7TH ST.	558	2.0	1.0	1.0	.8	.80	714.24
46	196953G	006960	CNW	00113.00	DAKOTA CITY	1	30E62S NW/C 17-91-28	770	2.0	.6	1.0	.8	.80	591.36
46	196954N	032910	CNW	00111.85	DAKOTA CITY	1	50E65S NW/C 16-91-28	38	2.0	1.0	1.0	.8	.80	48.64
46	196955V	032920	CNW	00110.30	DAKOTA CITY	1	72S NW/C 14-91-28	39	2.0	1.0	1.0	.8	.80	49.92
46	196956C	032930	CNW	00109.35	DAKOTA CITY	1	75S NW/C 13-91-28	16	2.0	1.0	1.0	.8	.80	20.48
46	196957J	032940	CNW	00108.35	THOR	1	77S NW/C 12-91-27	29	2.0	1.0	1.0	.8	.80	37.12
46	196958R	032950	CNW	00107.50	THOR	1	77S NW/C 17-91-27	50	2.0	1.0	1.0	.8	.80	64.00
46	196960S	032960	CNW	00106.30	THOR	0	ANN ST	840	2.0	.1	1.0	.8	.85	114.24
99	196961Y	043490	CNW	00101.60	EAGLE GROVE	1	50E85S NW/C 18-91-26	20	2.0	1.0	1.0	.8	.80	25.60
99	196962F	043500	CNW	00101.50	EAGLE GROVE	1	85E NW/C 19-91-26	20	2.0	1.0	1.2	.8	.80	30.72
99	196963M	043510	CNW	00100.20	EAGLE GROVE	1	05E35S NW/C 21-91-26	30	3.0	1.0	1.0	.8	.80	57.60
99	196964U	010450	CNW	00098.70	EAGLE GROVE	0	IOWA AVE	2910	3.0	.6	1.0	.8	.85	3561.84

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99	196966H	108430	CNW	00098.25	EAGLE GROVE	0	NW 2ND	1660	.5	.1	1.0	.3	1.00	66.40
99	196967P	108440	CNW	00098.10	EAGLE GROVE	0	BROADWAY	3510	5.0	.1	1.0	.8	.85	1193.40
99	196968W	108450	CNW	00097.99	EAGLE GROVE	0	SW 2ND	384	8.0	.1	1.0	.7	.85	182.73
40	196970X	124940	CNW	00083.90	WEBSTER CITY	0	WILLIAM ST.	100	5.0	1.0	1.0	.7	.80	230.00
40	196971E	124930	CNW	00083.70	WEBSTER CITY	0	JAMES ST.	1530	2.0	.6	1.0	.7	.80	1026.16
40	196972L	124910	CNW	00083.65	WEBSTER CITY	0	PROSPECT ST.	600	5.0	.1	1.0	.7	.85	173.50
40	196973T	124900	CNW	00083.60	WEBSTER CITY	0	DES MOINES ST.	3820	5.0	.6	1.0	.7	.85	6818.70
40	196975G	124860	CNW	00083.40	WEBSTER CITY	0	SENECA ST	500	5.0	.6	1.0	.7	.85	892.50
40	196976N	124870	CNW	00083.30	WEBSTER CITY	0	SUPERIOR	500	5.0	.6	1.0	.7	.85	892.50
40	196980D	124830	CNW	00082.80	WEBSTER CITY	0	BANK ST.	1660	2.0	.6	1.0	.7	.80	1115.52
40	196981K	124820	CNW	00082.60	WEBSTER CITY	0	OHIO ST	150	2.0	.6	1.0	.7	.80	100.80
35	196983Y	097830	CNW	00034.70	AMES	0	13TH ST.	8560	5.0	.6	1.0	.7	.80	14360.80
35	196984F	129330	CNW	00035.10	AMES	0	16TH ST.	1204	5.0	.6	1.0	.7	.80	2022.72
35	196985M	129320	CNW	00035.20	AMES	0	20TH ST.	1500	5.0	.6	1.0	.7	.80	2520.00
35	196986U	075290	CNW	00037.90	AMES	1	50E NW/C 21-84-24	190	5.0	1.0	1.0	.7	.80	532.00
35	196987B	079280	CNW	00038.90	AMES	1	50E NW/C 16-84-24	45	4.0	1.0	1.0	.8	.80	115.20
35	196988H	079270	CNW	00039.90	GILBERT	0	MATHEWS	700	5.0	.6	1.0	.8	.80	1344.00
35	196989F	110590	CNW	00040.10	GILBERT	0	2ND ST.	219	5.0	1.0	1.0	.8	.85	744.60
35	196990J	004580	CNW	00044.20	STORY CITY	1	04S NW/C 23-85-24	3340	4.0	.6	1.0	.8	.80	5130.24
35	196991R	079220	CNW	00044.50	STORY CITY	1	05E NW/C 23-85-24	1010	4.0	.6	1.0	.8	.80	1551.36
35	196992X	079210	CNW	00045.60	STORY CITY	1	85E NW/C 14-85-24	333	5.0	1.0	1.0	.8	.80	1065.60
35	196993E	122150	CNW	00046.00	STORY CITY	0	WASHINGTON	384	5.0	1.0	1.0	.8	.85	1305.60
35	196994L	079200	CNW	00046.10	STORY CITY	0	BROAD ST	4230	5.0	.6	1.0	.8	.85	8629.20
40	196996A	075990	CNW	00048.70	RANDALL	1	90E40S NW/C 26-86-24	65	4.0	1.0	1.0	.8	.80	166.40
40	196998N	098150	CNW	00049.40	RANDALL	0	1ST-.2 MI S OF MAIN	40	5.0	1.0	1.0	.8	.85	136.00



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	FR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
40	197001C	118960	CNW	00049.60	RANDALL	0	RD TO ELEVATOR	60	5.0	1.0	1.0	.8	.85	204.00
40	197002J	075970	CNW	00049.70	RANDALL	0	LONG ST.	550	5.0	.1	1.0	.8	.85	187.00
40	197004X	075950	CNW	00051.40	RANDALL	1	50E50S NW/C 14-86-24	63	5.0	1.0	1.2	.8	.80	241.92
40	197005E	013050	CNW	00068.80	JEWELL	0	MAIN ST.	2040	5.0	1.0	1.0	.7	.75	999999.99
40	197006L	075850	CNW	00070.10	JEWELL	1	20E NW/C 22-87-24	61	4.0	1.0	1.0	.7	.80	136.64
40	197007T	075840	CNW	00070.40	JEWELL	1	80S NW/C 21-87-24	28	4.0	1.0	1.0	.7	.80	62.72
40	197008A	075830	CNW	00071.20	JEWELL	1	50E10S NW/C 20-87-24	35	4.0	1.0	1.2	.7	.80	94.06
40	197009G	075820	CNW	00073.10	KAMRAR	1	40E60S NW/C 7-87-24	29	4.0	1.0	1.0	.8	.80	74.24
40	197010B	075810	CNW	00073.70	KAMRAR	1	15S NW/C 07-87-24	22	4.0	1.0	1.0	.8	.80	56.32
40	197011H	075800	CNW	00075.30	KAMRAR	1	90E NW/C 02-87-25	350	4.0	1.0	1.2	.8	.80	1075.20
40	197012P	127250	CNW	00075.90	KAMRAR	0	OAK ST.	630	5.0	.6	1.0	.8	.80	1209.60
40	197013W	111810	CNW	00076.30	KAMRAR	0	HILL ST.	113	5.0	1.0	1.0	.8	.80	361.60
40	197014D	075790	CNW	00076.40	KAMRAR	1	50E51S NW/C 27-88-25	65	4.0	1.0	1.2	.8	.80	199.68
40	197015K	075780	CNW	00076.42	KAMRAR	1	49E50S NW/C 27-88-25	460	4.0	.6	1.0	.8	.80	706.56
40	197017Y	075770	CNW	00084.40	WEBSTER CITY	1	40E25S NW/C 32-89-25	103	4.0	1.0	1.0	.7	.80	230.72
40	197018F	000440	CNW	00087.80	WOOLSTOCK	1	80E NW/C 17-89-25	45	4.0	1.0	1.0	.8	.80	115.20
40	197019M	075730	CNW	00088.30	WOOLSTOCK	1	51E50S NW/C 8-89-25	60	4.0	1.0	1.0	.8	.80	153.60
40	197020G	075720	CNW	00089.50	WOOLSTOCK	1	50S NW/C 5-89-25	19	4.0	1.0	1.0	.8	.80	48.64
99	197022V	038370	CNW	00098.70	EAGLE GROVE	0	NW EIGHTH ST.	80	2.5	1.0	1.0	.8	.85	136.00
99	197023C	138450	CNW	00101.80	GOLDFIELD	1	02E NW/C 10-91-26	20	2.5	1.0	1.0	.8	.80	32.00
99	197025R	095820	CNW	00103.20	GOLDFIELD	0	CEDAR ST.	530	2.5	1.0	1.0	.8	.85	901.00
99	197028L	043420	CNW	00106.10	GOLDFIELD	1	90E NW/C 20-92-26	16	2.5	1.0	1.0	.8	.80	25.60
99	197030M	043410	CNW	00108.20	RENWICK	1	02S NW/C 2-92-26	41	2.5	1.0	1.2	.8	.80	76.72
46	197035W	032390	CNW	00112.80	RENWICK	1	65S NW/C 23-93-27	42	2.5	1.0	1.2	.8	.80	80.64
46	197037K	032370	CNW	00114.30	LUVERNE	1	50S NW/C 15-93-27	42	2.5	1.0	1.2	.8	.80	80.64

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
46	197039Y	033600	CNW	00115.00	LUVERNE	1	61E NW/C 16-93-27	50	2.5	1.0	1.2	.8	.80	96.00
55	197045C	113370	CNW	00118.40	LUVERNE	0	LINN	90	2.5	1.0	1.2	.7	.80	151.20
55	197046J	113390	CNW	00118.60	LUVERNE	0	LINN	60	2.5	1.0	1.0	.8	.85	102.00
55	197048X	034670	CNW	00120.30	LUVERNE	1	21E NW/C 25-94-28	55	2.5	1.0	1.2	.8	.80	105.60
55	197052M	034660	CNW	00122.10	LUVERNE	1	98E 58SNW/C 15-94-28	35	2.5	1.0	1.2	.8	.80	67.20
55	197055H	034650	CNW	00123.50	LUVERNE	1	56S NW/C 10-94-28	170	2.5	1.0	1.2	.8	.80	326.40
55	197056F	034640	CNW	00124.30	LUVERNE	1	47E NW/C 9-94-28	150	2.5	1.0	1.2	.8	.85	306.00
55	197057W	034630	CNW	00125.00	LUVERNE	1	52S NW/C 4-94-28	5	2.5	1.0	1.2	.8	.80	9.60
55	197058D	034620	CNW	00125.80	LUVERNE	1	53E NW/C 5-94-28	5	2.5	1.0	1.2	.8	.80	9.60
55	197060E	034610	CNW	00126.50	ALGONA	1	47S NW/C 32-95-28	82	2.5	1.0	1.2	.8	.80	157.44
55	197061L	034600	CNW	00126.90	ALGONA	1	75E 11SNW/C 31-95-28	95	2.5	1.0	1.2	.8	.80	182.40
55	197062T	034590	CNW	00127.10	ALGONA	1	62E NW/C 31-95-28	400	2.5	1.0	1.2	.6	.80	768.00
85	197071S	097820	CNW	00034.25	AMES	0	9TH ST.	900	5.0	.6	1.0	.7	.80	1512.00
85	197072Y	079310	CNW	00035.50	AMES	0	24TH ST.	5400	5.0	.6	1.0	.7	.80	9072.00
85	197073F	079300	CNW	00036.40	AMES	0	TOP-O-HOLLOW RD.	630	5.0	1.0	1.0	.7	.80	1764.00
85	197076B	110580	CNW	00040.00	GILBERT	0	FIRST ST.	219	5.0	1.0	1.0	.8	.85	744.60
85	197077H	079260	CNW	00041.10	GILBERT	1	65E NW/C 4-84-24	47	4.0	1.0	1.0	.8	.80	120.32
85	197078P	079250	CNW	00042.10	GILBERT	1	80E NW/C 33-85-24	40	4.0	1.0	1.0	.8	.80	102.40
85	197079W	079240	CNW	00042.70	STORY CITY	1	45S NW/C 27-85-24	16	4.0	1.0	1.0	.8	.80	40.96
85	197080R	079230	CNW	00043.20	STORY CITY	1	45E NW/C 27-85-24	19	4.0	1.0	1.2	.8	.80	58.37
85	197085A	079190	CNW	00046.70	STORY CITY	1	99E NW/C 11-85-24	24	4.0	1.0	1.0	.8	.80	61.44
85	197086G	079180	CNW	00047.30	STORY CITY	1	50S-NW/C 1-85-24	20	4.0	1.0	1.0	.8	.80	51.20
85	197087N	138840	CNW	00047.70	RANDALL	1	2E NW/C 1-85-24	1	4.0	1.0	1.0	.8	.80	2.56
40	197090W	075960	CNW	00050.20	RANDALL	1	80E50S NW/C 23-86-24	19	4.0	1.0	1.0	.8	.80	48.64
40	197097U	075940	CNW	00053.80	JEWELL	1	NW/C 2-86-24	77	5.0	1.0	1.2	.7	.80	258.72

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
40	1971138	075760	CNW	00084.80	WEBSTER CITY	1	30E NW/C 22-89-25	420	4.0	.6	1.0	.7	.80	564.48
40	1971144	075750	CNW	00086.30	WEBSTER CITY	1	50E50S NW/C 20-89-25	65	4.0	1.0	1.0	.8	.80	166.40
40	197115P	075740	CNW	00087.00	WEBSTER CITY	1	65E75S NW/C 17-89-25	25	4.0	1.0	1.0	.8	.80	64.00
55	197126C	034550	CNW	00138.40	BURT	1	46E NW/C 7-96-28	15	2.5	1.0	1.0	.8	.80	24.00
55	197130S	034540	CNW	00139.40	BURT	1	11E NW/C 6-96-28	40	2.5	1.0	1.0	.8	.80	64.00
55	197132F	034530	CNW	00139.80	BURT	1	56S NW/C 31-97-28	150	2.5	1.0	2.0	.8	.80	480.00
40	197158H	134440	CNW	00065.50	ELLSWORTH	0	DEARBORN ST.	768	.5	1.0	1.0	.7	.80	215.04
40	197159P	108970	CNW	00065.70	ELLSWORTH	0	DEWITT ST.	840	.5	1.0	1.0	.7	.85	249.90
40	197163E	075860	CNW	00065.76	ELLSWORTH	0	DELPHI ST.	650	.5	1.0	1.0	.7	.85	193.38
40	197164L	134430	CNW	NONE	JEWELL	0	MAIN ST.	2000	.5	.6	1.2	.7	.85	428.40
40	197244E	075870	CNW	00066.80	JEWELL	1	98S NW/C 25-87-24	50	.5	1.0	1.0	.7	.80	14.00
40	197246T	075860	CNW	00067.85	JEWELL	1	98S NW/C 26-87-24	33	.5	1.0	1.0	.7	.80	9.24
40	197247A	076120	CNW	00069.00	JEWELL	0	2ND ST.	1100	.5	1.0	1.0	.7	.85	327.25
94	197270U	008390	CNW	00103.00	GOWRIE	1	58S NW/C 8-86-29	26	.5	1.0	1.0	.7	.80	7.28
94	197291M	090210	CNW	00104.00	GOWRIE	0	4TH ST.	846	.5	.6	1.0	.7	.80	142.13
94	197293B	110710	CNW	00104.50	GOWRIE	0	PLEASANT ST.	1210	.5	1.0	1.0	.7	.80	338.80
94	197295P	138080	CNW	00105.00	GOWRIE	0	CO. RD P-33	190	.5	1.0	1.0	.7	.80	53.20
94	197296W	082840	CNW	00107.00	FARNHAMVILLE	1	30S NW/C 10-86-30	37	.5	1.0	1.0	.7	.80	10.36
94	197297D	082830	CNW	00109.00	FARNHAMVILLE	1	30S NW/C 8-86-30	565	.5	1.0	1.0	.7	.80	158.20
94	197298K	082820	CNW	00110.00	FARNHAMVILLE	1	30S NW/C 7-86-30	35	.5	1.0	1.0	.7	.80	9.80
13	197299S	026520	CNW	00110.30	FARNHAMVILLE	0	GARFIELD AVE.	620	.5	1.0	1.0	.7	.85	184.45
38	197326L	030640	CNW	00038.30	DIKE	1	80E NW/C 12-87-15	62	.5	1.0	1.0	.8	.80	19.84
38	197327T	030630	CNW	00040.00	DIKE	1	10E50S NW/C 36-88-15	1173	.5	1.0	1.0	.8	.80	375.36
38	197327G	030620	CNW	00042.50	DIKE	1	30E NW/C 24-88-15	75	.5	1.0	1.0	.8	.80	24.00
38	197330B	030610	CNW	00044.50	DIKE	1	70S NW/C 11-88-15	75	.5	1.0	1.0	.8	.80	24.00



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CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
38	197331H	030600	CNW	00046.10	DIKE	1	50E NW/C 9-88-15	38	.5	1.0	1.0	.8	.80	12.16
38	197332P	030590	CNW	00047.10	DIKE	1	50E70S NW/C 5-88-15	94	.5	1.0	1.0	.8	.80	30.08
38	197334D	107250	CNW	00047.40	DIKE	0	MAIN ST.	1299	.5	1.0	1.0	.8	.85	441.66
38	197336S	030580	CNW	00047.60	DIKE	0	1ST ST.	1010	.5	1.0	1.0	.8	.85	343.40
62	199566A	002080	CNW	00296.40	NEW SHARON	1	25S NW/C 19-76-15	8	.5	1.0	2.0	.8	.80	5.12
62	199567G	037260	CNW	00296.20	OSKALOOSA	1	65E NW/C 25-76-16	50	.5	1.0	1.0	.8	.80	16.00
62	199568N	037270	CNW	00297.20	OSKALOOSA	1	55E NW/C 36-76-16	39	.5	1.0	1.0	.8	.80	12.48
62	199570P	037280	CNW	00298.80	OSKALOOSA	1	50E70S NW/C 1-75-16	17	.5	1.0	1.0	.8	.80	5.44
62	199571W	135340	CNW	00299.03	OSKALOOSA	1	50E50S NW/C 1-75-16	188	.5	1.0	1.0	.8	.80	60.16
62	199572D	037290	CNW	00299.25	OSKALOOSA	1	45E NW/C 12-75-16	83	.5	1.0	1.0	.8	.80	26.56
62	199573K	117540	CNW	00300.82	OSKALOOSA	0	G AVE.	860	.5	1.0	1.0	.8	.85	292.40
62	199574S	117550	CNW	00300.88	OSKALOOSA	0	E AVE.	99	.5	1.0	1.0	.8	.85	33.66
62	199575Y	117560	CNW	00300.94	OSKALOOSA	0	D AVE	225	.5	1.0	1.0	.8	.85	76.50
62	199576F	117570	CNW	00300.98	OSKALOOSA	0	C AVE	690	.5	1.0	1.0	.8	.80	220.80
62	199577M	117580	CNW	00301.05	OSKALOOSA	0	B AVE WEST	670	.5	1.0	1.0	.8	.80	214.40
62	199578U	010690	CNW	00301.11	OSKALOOSA	0	A AVE W	12200	.5	.6	1.0	.8	.80	2342.40
62	199579B	091430	CNW	00301.18	OSKALOOSA	0	HIGH AVE	3422	.5	.6	1.0	.8	.85	698.09
62	199580V	117590	CNW	00301.25	OSKALOOSA	0	1ST AVE W	508	.5	1.0	1.0	.8	.80	162.56
62	199582J	117600	CNW	00301.66	OSKALOOSA	0	6TH AVE W	900	.5	1.0	1.0	.8	.80	288.00
62	199583R	117610	CNW	00301.87	OSKALOOSA	0	9TH AVE W & SO F ST.	400	.5	1.0	1.2	.8	.85	163.20
62	199584X	117620	CNW	00302.01	OSKALOOSA	0	S. D ST.	2590	.5	1.0	1.0	.8	.80	628.80
62	199586L	117630	CNW	00302.41	OSKALOOSA	0	SO 2ND ST	889	.5	1.0	1.0	.7	.80	248.92
62	199588A	117640	CNW	00302.73	OSKALOOSA	0	SO 7TH ST	1600	.5	.6	1.0	.7	.80	268.80
62	199589G	008920	CNW	00302.80	OSKALOOSA	0	SO 11TH ST	2980	.5	.6	1.0	.7	.80	500.64
62	199590B	048340	CNW	00303.44	OSKALOOSA	0	US. 63	4280	.5	.6	2.0	.7	.80	1438.08

IOWA DEPARTMENT OF TRANSPORTATION  
RAIL AND WATER DIVISION

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
62	199594D	117730	CNW	00301.31	OSKALOOSA	0	2ND AVE W	3600	.5	1.0	1.2	.7	.75	1134.00
62	199595K	117590	CNW	00301.25	OSKALOOSA	0	1ST AVE W.	506	.5	1.0	1.0	.7	.75	999999.99
62	199596S	117650	CNW	00301.66	OSKALOOSA	0	S. H ST.	1300	.5	1.0	2.0	.8	.85	884.00
62	199597Y	013890	CNW	00301.99	OSKALOOSA	0	BEACON RD	1990	.5	.6	2.0	.8	.80	764.16
62	199598F	037570	CNW	00303.08	BEACON	0	EAST ST.	54	.5	1.0	1.0	.8	.80	17.28
62	199600E	037580	CNW	00304.25	OSKALOOSA	1	20E50S NW/C 35-75-16	75	3.0	1.0	1.2	.8	.80	172.80
62	199604G	037600	CNW	00305.80	OSKALOOSA	1	50E NW/C 11-74-16	30	3.0	1.0	1.0	.8	.80	57.60
62	199605N	037630	CNW	00306.40	OSKALOOSA	1	75E60S NW/C 11-74-16	81	3.0	1.0	2.0	.8	.80	311.04
62	199606V	129860	CNW	00306.60	OSKALOOSA	1	80E70S NW/C 11-74-16	31	3.0	1.0	1.0	.8	.80	999999.99
68	199611S	108660	CNW	00311.20	EDDYVILLE	0	STRAWBERRY ST	200	.5	1.0	2.0	.8	.80	128.00
68	199615U	002810	CNW	00313.75	EDDYVILLE	1	72E12S NW/C 14-73-16	142	.5	1.0	1.2	.8	.80	54.53
68	199619W	041090	CNW	00315.60	EDDYVILLE	1	08E95S NW/C 15-73-16	28	.5	1.0	1.0	.8	.80	8.96
68	199622E	041080	CNW	00317.45	ALBIA	1	64E 20SNW/C 29-73-16	15	.5	1.0	1.2	.8	.80	5.76
68	199625A	002790	CNW	00320.45	ALBIA	1	50E 60S NW/C 6-72-16	6	.5	1.0	1.2	.8	.80	2.30
68	199630W	002780	CNW	00322.28	ALBIA	1	25E 83SNW/C 12-72-17	5	.5	1.0	1.2	.8	.80	1.92
68	199632K	140290	CNW	00322.75	ALBIA	1	89E26SNW/C14-72-17	8	.5	1.0	1.2	.8	.80	3.07
68	199633S	040930	CNW	00323.30	ALBIA	1	55E 50SNW/C 14-72-17	59	.5	1.0	1.0	.8	.80	999999.99
68	199634Y	097410	CNW	00324.20	ALBIA	0	A AVE E	384	.5	1.0	1.2	.8	.80	147.46
68	199635F	092010	CNW	00324.30	ALBIA	0	BENTON AVE E	402	.5	.6	1.2	.8	.00	999999.99
68	199637U	098080	CNW	00324.50	ALBIA	0	7TH ST	384	.5	1.0	1.2	.8	.75	138.24
08	199640C	139620	CNW	NONE	BOONE	0	8TH STREET	1503	.5	1.0	1.0	.7	.75	999999.99
08	199641J	139630	CNW	NONE	BOONE	0	7TH STREET	1947	.5	1.0	1.0	.7	.75	999999.99
08	199642R	139640	CNW	NONE	BOONE	0	6TH STREET	854	.5	1.0	1.0	.7	.75	999999.99
78	199644E	139410	CNW	NONE	COUNCIL BLUFFS	0	AVE G	3070	11.5	.6	1.0	.7	.85	12603.89
57	199646T	139700	CNW	00079.80	CEDAR RAPIDS	0	15TH AVE SE & OTIS ST	700	.5	1.0	1.0	.7	.80	999999.99

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	FR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
64	199647A	139650	CNW	NONE	MARSHALLTOWN	0	E NEVADA/BEER GARDEN	278	.5	1.0	1.0	.7	.75	72.98
64	199648G	139660	CNW	NONE	MARSHALLTOWN	0	ANSON RD	278	.5	1.0	1.0	.7	.75	72.98
64	199649N	139670	CNW	NONE	MARSHALLTOWN	0	W/HOUSE ENTRANCE	20	.5	1.0	1.0	.7	.75	999999.99
64	199650H	139680	CNW	NONE	MARSHALLTOWN	0	E SOUTH ST	278	.5	1.0	1.0	.7	.75	999999.99
85	199653D	139040	CNW	NONE	NEVADA	0	CO.RD.S-14	1070	6.0	.1	1.0	.8	.80	410.88
64	200100G	139830	CNW	NONE	MARSHALLTOWN	0	NEVADA ST.	200	.5	1.0	1.0	.7	.75	52.50
62	200101N	139900	CNW	00301.55	OSKALOOSA	0	6TH AVE	900	.5	1.0	1.2	.7	.85	321.30
62	200102V	139890	CNW	NONE	OSKALOOSA	0	S. H ST	870	.5	1.0	1.0	.7	.75	999999.99
85	200104J	139430	CNW	NONE	AMES	0	ELWOOD DRIVE(ISU)	313	.5	1.0	1.0	.7	.75	82.16
57	200127R	137500	CNW	00021.46	CEDAR RAPIDS	0	ALLEY BTW 2&3AVE. SE	5	5.0	1.0	1.0	.7	.85	999999.99
46	200530S	032710	CNW	00205.56	HUMBOLDT	1	60S NW/C 19-91-28	320	1.0	1.0	1.0	.8	.80	204.80
46	200534U	111110	CNW	00203.21	HUMBOLDT	0	3RD AVE S.	686	1.0	1.0	1.2	.8	.80	526.85
46	200535B	009960	CNW	00203.05	DAKOTA CITY	0	MAIN ST.	1155	2.0	.6	1.0	.8	.85	942.48
46	200536H	111130	CNW	00202.98	DAKOTA CITY	0	1ST AVE N.	421	2.0	1.0	1.0	.8	.85	572.56
46	200538W	127790	CNW	00202.44	HUMBOLDT	0	IA. 3	3500	1.0	.6	1.0	.8	.80	1344.00
46	200539D	032900	CNW	00201.98	HUMBOLDT	1	48E50S NW/C 36-92-29	89	1.0	.6	1.0	.8	.80	999999.99
55	200567G	034700	CNW	NONE	LUVERNE	0	KOSSUTH AVE	1130	2.0	.6	1.2	.7	.85	968.18
55	200569V	032320	CNW	NONE	LUVERNE	0	DEWITT & SMART ST	760	1.0	.6	1.2	.7	.80	306.43
55	200570P	113400	CNW	NONE	LUVERNE	0	PROSPECT	980	1.0	1.0	1.2	.7	.80	658.56
07	200673P	101480	CNW	00006.25	CEDAR FALLS	0	E. 15TH STREET	1520	1.0	1.0	1.0	.7	.80	851.20
07	200674W	090520	CNW	00006.30	CEDAR FALLS	0	E 14TH ST	3728	1.0	1.0	1.0	.7	.80	2087.68
07	200675D	101470	CNW	00006.33	CEDAR FALLS	0	BLUFF ST	1250	1.0	1.0	1.2	.7	.80	840.00
07	200676K	101460	CNW	00006.44	CEDAR FALLS	0	WATERLOO RD	5000	1.0	1.0	1.0	.7	.80	2800.00
07	200677S	101450	CNW	00006.58	CEDAR FALLS	0	E 12TH STREET	1540	1.0	1.0	1.0	.7	.85	916.30
07	200679F	101430	CNW	00006.78	CEDAR FALLS	0	E 9TH ST	1100	1.0	.6	1.0	.7	.80	999999.99



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
07	200680A	101350	CNW	00007.02	CEDAR FALLS	0	E 5TH ST	719	.9	1.0	1.0	.7	.85	213.90
07	200681G	101360	CNW	00007.10	CEDAR FALLS	0	E. 4TH STREET	719	1.0	1.0	1.0	.7	.85	427.81
07	200715Y	134790	CNW	00327.15	WATERLOO	0	HALLOWELL	32	5.0	1.0	1.0	.6	.80	102.40
07	200716F	136390	CNW	00324.96	WATERLOO	0	ALLEY	50	7.0	1.0	1.0	.7	.85	208.25
07	200774B	017920	CNW	00329.56	WATERLOO	1	15E NW/C 22-89-12	130	5.0	1.0	2.0	.6	.65	884.00
07	200775H	017910	CNW	00329.38	WATERLOO	1	04S NW/C 22-89-12	3090	5.0	.6	1.0	.6	.80	5932.60
07	200778D	127160	CNW	00326.20	WATERLOO	0	LINDEN	1129	17.0	.1	1.0	.7	.85	1141.98
07	200780E	127130	CNW	00325.70	WATERLOO	0	BARCLAY ST	516	7.0	.6	1.0	.7	.80	1213.63
07	200781L	126480	CNW	00325.60	WATERLOO	0	WALNUT STREET	5467	9.0	.6	1.0	.7	.80	16532.21
07	200782T	090410	CNW	00325.52	WATERLOO	0	FRANKLIN ST	17900	9.0	.6	1.0	.7	.85	57512.70
07	200783A	127100	CNW	00325.30	WATERLOO	0	SYCAMORE ST	6201	9.0	.6	1.0	.7	.85	19923.81
07	200784G	129470	CNW	00325.22	WATERLOO	0	WATER STREET	2500	9.0	1.0	1.0	.7	.80	12600.00
07	200785N	124340	CNW	00325.00	WATERLOO	0	COMMERCIAL	5467	9.0	.6	1.0	.7	.85	17565.47
07	200786V	124330	CNW	00324.92	WATERLOO	0	JEFFERSON	7233	9.0	.6	1.0	.7	.80	21872.59
07	200787C	126990	CNW	00324.88	WATERLOO	0	SIXTH ST & (ALLEY)	7233	9.0	.6	1.2	.7	.80	26247.11
07	200789R	090430	CNW	00324.86	WATERLOO	0	W 5TH AND BLUFF	7725	9.0	.6	1.0	.7	.80	23360.40
07	200790K	127170	CNW	00324.64	WATERLOO	0	W PARK	4464	9.0	.6	1.0	.7	.85	14342.83
07	200791S	127180	CNW	00324.70	WATERLOO	0	W 4TH ST	5730	9.0	.6	1.0	.7	.80	17327.52
07	200792Y	124350	CNW	00324.56	WATERLOO	0	W THIRD ST.	1059	9.0	.6	1.0	.7	.80	3202.42
07	200793F	124360	CNW	00324.48	WATERLOO	0	SECOND STREET W.	2796	9.0	1.0	1.0	.7	.80	14091.84
07	200794M	124370	CNW	00324.44	WATERLOO	0	W FIRST ST	10400	9.0	.1	1.0	.7	.85	5569.20
07	200795U	124390	CNW	00324.36	WATERLOO	0	MULLAN AVE	12000	9.0	.6	1.0	.7	.80	36238.00
07	200796B	124380	CNW	00324.05	WATERLOO	0	MCKINLEY ST	1059	9.0	.6	1.0	.7	.80	3202.42
07	200797H	128710	CNW	00323.92	WATERLOO	0	FALLS AVE.	5122	7.0	.6	1.2	.7	.80	14456.33
07	200799W	127040	CNW	00323.13	WATERLOO	0	FLETCHER AVE	7161	7.0	.6	1.2	.8	.80	23096.52

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
07	200800N	127030	CNW	00322.80	WATERLOO	0	W 3RD STREET	1423	7.0	1.0	1.0	.8	.80	6375.04
07	200801V	017390	CNW	00322.50	WATERLOO	0	ANSBOROUGH AVE	11781	7.0	.6	1.2	.8	.80	38000.79
07	200802C	017400	CNW	00321.75	WATERLOO	0	MARTIN RD	296	7.0	1.0	1.2	.8	.80	1591.30
07	200803J	017410	CNW	00321.12	WATERLOO	0	RIDGEWAY AVE	12690	7.0	.6	1.2	.8	.80	40932.86
07	200804R	017420	CNW	00319.88	WATERLOO	0	RANCHERO RD	296	7.0	1.0	1.0	.8	.80	1326.08
07	200807L	017430	CNW	00318.86	WATERLOO	0	SHAULIS ROAD	837	7.0	1.0	1.0	.8	.85	3984.12
07	200815D	011990	CNW	00315.68	HUDSON	0	5TH STREET	785	5.0	1.0	1.2	.8	.85	3202.80
07	200816K	014910	CNW	00315.56	HUDSON	0	56TH ST W	1980	5.0	.1	1.0	.8	.80	633.60
07	200817S	017440	CNW	00314.16	HUDSON	1	80E50S NW/C 33-88-14	1230	5.0	.6	1.2	.8	.80	2833.92
07	200818Y	017450	CNW	00311.16	HUDSON	1	15E NW/C 7-87-14	20	5.0	1.0	1.0	.8	.80	64.00
07	200819F	017460	CNW	00310.90	HUDSON	1	25S NW/C 7-87-14	64	5.0	1.0	1.2	.8	.80	245.76
38	200820A	030650	CNW	00309.54	REINBECK	1	15E25S NW/C 13-87-15	29	5.0	1.0	1.0	.8	.80	92.80
38	200821G	030300	CNW	00306.78	REINBECK	0	PIONEER	618	5.0	.6	1.0	.8	.80	1186.56
38	200822N	139440	CNW	00306.32	REINBECK	0	COMMERCIAL	219	.5	1.0	1.0	.7	.80	61.32
38	200823V	136040	CNW	00306.52	REINBECK	0	BROAD ST	553	5.0	1.0	1.0	.8	.85	1880.20
33	200847J	090280	CNW	NONE	OELWEIN	0	FREDERICK ST	13400	.5	.6	1.0	.7	.75	2110.50
33	200849X	060090	CNW	00249.30	OELWEIN	1	10S NW/C 29-91-9	200	5.0	1.0	1.0	.8	.80	640.00
33	200850S	060080	CNW	00247.14	FAIRBANK	1	90S NW/C 25-91-10	69	5.0	1.0	1.0	.8	.80	220.80
33	200851Y	060070	CNW	00246.90	FAIRBANK	1	60E NW/C 35-91-10	41	5.0	1.0	1.2	.8	.80	157.44
33	200852F	060060	CNW	00245.52	FAIRBANK	1	50E50S NW/C 34-91-10	15	5.0	1.0	1.0	.8	.80	48.00
10	200853M	012400	CNW	00343.75	FAIRBANK	0	MAIN ST.	200	5.0	1.0	1.0	.8	.85	680.00
10	200854U	018090	CNW	00343.64	FAIRBANK	0	GROVE ST & 5TH ST	1710	5.0	.6	1.2	.8	.80	3939.84
10	200855B	109330	CNW	00343.56	FAIRBANK	0	FOURTH ST	392	5.0	1.0	1.2	.8	.80	1505.28
10	200856H	018080	CNW	00342.96	FAIRBANK	1	25E60S NW/C 5-90-10	1480	5.0	.6	1.2	.8	.80	3409.92
10	200857P	018070	CNW	00341.98	FAIRBANK	1	50E25S NW/C 7-90-10	51	5.0	1.0	1.2	.8	.80	195.84

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
10	200858W	018060	CNW	00341.34	FAIRBANK	1	65S NW/C 7-90-10	45	5.0	1.0	1.2	.8	.80	172.80
07	200859D	018050	CNW	00340.82	FAIRBANK	1	54E NW/C 13-90-11	170	5.0	.6	1.2	.8	.80	391.68
07	200861E	018040	CNW	00340.30	FAIRBANK	1	25E30S NW/C 13-90-11	40	5.0	1.0	1.2	.8	.80	153.60
07	200862L	018030	CNW	00338.91	DUNKERTON	1	03E03S NW/C 23-90-11	35	5.0	1.0	1.0	.8	.80	112.00
07	200863T	018020	CNW	00338.50	DUNKERTON	1	75E30S NW/C 22-90-11	15	5.0	1.0	2.0	.8	.80	96.00
07	200864A	018000	CNW	00337.36	DUNKERTON	1	75E NW/C 28-90-11	55	5.0	1.0	1.2	.8	.80	211.20
07	200867V	017990	CNW	00335.78	DUNKERTON	1	50E NW/C 32-90-11	1950	5.0	.6	1.2	.8	.80	4492.80
07	200868C	017980	CNW	00334.64	DUNKERTON	1	15E NW/C 5-89-11	100	5.0	1.0	1.0	.8	.80	320.00
07	200869J	017960	CNW	00333.32	WATERLOO	1	25E NW/C 7-89-11	45	5.0	1.0	1.0	.8	.80	144.00
07	200870D	017950	CNW	00331.80	WATERLOO	1	13E NW/C 13-89-12	250	5.0	1.0	1.2	.8	.80	960.00
07	200871K	017970	CNW	00334.42	WATERLOO	1	11S NW/C 5-89-11	130	5.0	1.0	1.2	.8	.80	499.20
07	200872S	017940	CNW	00331.62	WATERLOO	1	07S NW/C 13-89-12	1310	5.0	.6	1.0	.8	.80	2515.20
33	200873Y	116960	CNW	00251.00	OELWEIN	0	4TH ST S.W.	1440	5.0	.6	1.0	.7	.85	2570.40
35	200920E	028590	CNW	00322.18	COULTER	1	40S NW/C 35-92-21	26	2.0	1.0	1.0	.8	.80	33.28
94	200927C	085600	CNW	00260.68	CLARE	1	75E NW/C 6-89-29	30	3.0	1.0	1.2	.8	.80	69.12
94	200928J	085550	CNW	00260.99	CLARE	1	30S NW/C 5-89-29	65	3.0	1.0	1.2	.8	.80	152.06
94	200930K	085590	CNW	00262.42	CLARE	1	75E 45S NW/C 8-89-29	150	3.0	1.0	1.0	.8	.80	288.00
94	200931S	085580	CNW	00263.47	CLARE	1	45E 50SNW/C 17-89-29	20	3.0	1.0	1.0	.8	.80	38.40
94	200932Y	088450	CNW	00263.90	CLARE	1	50E NW/C 20-89-29	2690	3.0	.6	1.0	.8	.80	3098.88
94	200933F	085570	CNW	00264.95	CLARE	1	55E NW/C 29-89-29	55	6.0	1.0	1.0	.8	.85	224.40
94	200935U	110010	CNW	00222.00	FORT DODGE	0	10 ST SW & 11 AVE SW	90	1.0	1.0	1.2	.8	.80	69.12
94	200940R	109870	CNW	00374.34	FORT DODGE	0	AVE O	1890	1.5	1.0	1.0	.7	.75	1488.38
94	200941X	066700	CNW	SPUR	FORT DODGE	1	99S NW/C 27-89-28	610	.5	1.0	1.0	.7	.75	160.13
76	200942E	119630	CNW	00239.57	ROLFE	0	ELM ST.	219	2.0	1.0	1.0	.7	.80	245.28
76	200943L	119640	CNW	00239.50	ROLFE	0	OAK ST.	558	2.0	1.0	1.0	.7	.80	624.96



EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
76	200944T	084870	CNW	00239.20	ROLFE	1	28E NW/C 5-92-31	250	1.0	1.0	1.2	.7	.80	168.00
76	200945A	084880	CNW	00238.60	ROLFE	1	68S NW/C 32-93-31	131	1.0	1.0	1.2	.8	.80	100.61
76	200946G	084890	CNW	00237.70	ROLFE	1	45E NW/C 31-93-31	12	1.0	1.0	1.2	.8	.80	9.22
76	200948V	084900	CNW	00237.00	ROLFE	1	45S NW/C 30-93-31	26	1.0	1.0	1.2	.8	.80	19.97
76	200950W	084910	CNW	00236.30	PLOVER	1	40E NW/C 25-93-32	16	1.0	1.0	1.2	.6	.80	12.29
76	200951D	084920	CNW	00235.90	PLOVER	1	80S NW/C 24-93-32	50	1.0	1.0	1.2	.8	.80	38.40
76	200953S	084930	CNW	00234.40	PLOVER	1	10E NW/C 23-93-32	11	1.0	1.0	1.2	.8	.80	8.45
76	200954Y	084940	CNW	00234.30	PLOVER	1	94S NW/C 14-93-32	30	1.0	1.0	1.2	.8	.80	23.04
76	200955F	084950	CNW	00232.90	PLOVER	0	N-S CO.RD	250	1.5	1.0	1.2	.8	.80	288.00
76	200956M	090930	CNW	00232.80	PLOVER	0	JACKSON ST	310	1.5	1.0	1.2	.8	.85	379.44
76	200959H	084960	CNW	00231.90	PLOVER	1	25S NW/C 9-93-32	40	1.0	1.0	1.2	.8	.80	30.72
76	200960C	084970	CNW	00231.70	PLOVER	1	83E NW/C 8-93-32	43	1.0	1.0	1.0	.8	.80	27.52
76	200962R	084980	CNW	00230.50	MALLARD	1	07E NW/C 5-93-32	37	1.0	1.0	1.0	.8	.80	23.68
74	200963X	089810	CNW	00230.30	MALLARD	1	80S NW/C 32-94-32	35	1.0	1.0	1.2	.7	.80	23.52
74	200965L	089820	CNW	00228.50	MALLARD	1	15E 50SNW/C 30-94-32	20	1.0	1.0	1.0	.8	.80	12.80
74	200966T	004620	CNW	00228.30	MALLARD	1	24S NW/C 30-94-32	1240	1.0	.6	1.2	.8	.80	571.39
74	200967A	113570	CNW	00228.20	MALLARD	0	MICAWBER ST.	400	1.0	1.0	1.0	.8	.80	256.00
74	200968G	089830	CNW	00228.05	MALLARD	0	INMAN AVE.	1190	1.5	1.0	1.0	.8	.85	1213.80
74	200969N	113560	CNW	00227.95	MALLARD	0	MILLER	211	.5	1.0	1.0	.7	.80	59.08
19	200985X	021920	S00	NONE	NEW HAMPTON	0	LINN AVE	4600	.5	.6	.0	.7	.80	999999.99
38	201027P	011010	CNW	00306.00	REINBECK	0	GRUNDY	2350	5.0	.6	1.0	.8	.80	4512.00
38	201028W	030660	CNW	00305.72	REINBECK	1	15S NW/C 28-87-15	67	5.0	1.0	1.2	.8	.80	257.28
38	201029D	030340	CNW	00304.48	REINBECK	1	NW/C 32-87-15	419	5.0	.6	1.2	.8	.80	965.38
86	201030X	059060	CNW	00302.96	REINBECK	1	90E NW/C 1-86-16	12	5.0	1.0	1.0	.8	.80	38.40
86	201031E	059050	CNW	00301.82	LINCOLN	1	65S NW/C 1-86-16	65	5.0	1.0	1.0	.8	.80	208.00

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
86	201032L	059040	CNW	00300.93	LINCCLN	1	15E NW/C 11-86-16	20	5.0	1.0	1.2	.8	.80	76.80
86	201033T	059030	CNW	00300.68	LINCOLN	1	10S NW/C 11-86-16	49	5.0	1.0	1.0	.8	.80	156.80
86	201034A	059020	CNW	00299.76	LINCGLN	1	80E NW/C 15-86-16	30	5.0	1.0	1.0	.8	.80	96.00
86	201035G	113080	CNW	00299.44	LINCOLN	0	MAIN ST	553	5.0	1.0	1.0	.8	.85	1880.20
86	201036N	059010	CNW	00299.30	LINCOLN	0	SOUTH ST	500	5.0	.1	1.0	.8	.85	170.00
86	201037V	059000	CNW	00296.74	LINCGLN	1	70E NW/C 34-86-16	80	5.0	1.0	1.0	.8	.80	256.00
86	201038C	058990	CNW	00295.74	GLADBR00K	1	55E NW/C 3-85-16	30	5.0	1.0	1.0	.9	.80	108.00
86	201039J	058970	CNW	00294.50	GLADBR00K	1	10S NW/C 10-85-16	980	5.0	.6	1.0	.9	.80	2116.80
86	201040D	058960	CNW	00293.36	GLADBR00K	1	30S NW/C 9-85-16	138	5.0	.6	1.0	.9	.80	298.08
86	201041K	061620	CNW	00291.86	GLADBR00K	1	75E NW/C 18-85-16	1940	5.0	.6	1.0	.9	.80	4190.40
86	201042S	058950	CNW	00292.26	GLADBR00K	1	60S NW/C 8-85-16	20	5.0	1.0	1.0	.9	.80	72.00
86	201043Y	014930	CNW	00290.56	GLADBR00K	1	10F NW/C 19-85-16	31	5.0	1.0	1.0	.9	.80	111.60
86	201044F	058940	CNW	00290.32	GLADBR00K	1	25S NW/C 19-85-16	35	5.0	1.0	1.2	.9	.80	151.20
64	201045M	038900	CNW	00289.42	GLADBR00K	1	57E NW/C 25-85-17	25	5.0	1.0	1.0	.9	.80	90.00
64	201046U	038890	CNW	00288.38	MARSHALLTOWN	1	30E NW/C 36-85-17	24	5.0	1.0	1.0	.9	.80	86.40
64	201047B	038880	CNW	00287.32	MARSHALLTOWN	1	05E NW/C 1-84-17	45	5.0	1.0	1.2	.9	.80	174.40
64	201048H	038870	CNW	00287.26	MARSHALLTOWN	1	10S NW/C 1-84-17	80	5.0	1.0	1.2	.9	.80	345.60
64	201049P	038860	CNW	00286.02	MARSHALLTOWN	1	75S NW/C 2-84-17	35	5.0	1.0	1.0	.9	.80	126.00
64	201050J	038850	CNW	00285.56	MARSHALLTOWN	1	68E NW/C 10-84-17	100	5.0	1.0	1.2	.8	.80	384.00
64	201051R	095930	CNW	00285.14	MARSHALLTOWN	1	51E 50SNW/C 10-84-17	150	5.0	1.0	1.0	.8	.85	510.00
64	201052X	095920	CNW	00285.05	MARSHALLTOWN	1	40E 53SNW/C 10-84-17	65	5.0	1.0	1.0	.8	.85	221.00
64	201053E	038840	CNW	00284.50	MARSHALLTOWN	1	80S NW/C 10-84-17	790	5.0	.6	1.2	.8	.80	1820.16
64	201054L	038830	CNW	00284.18	MARSHALLTOWN	1	80E NW/C 16-84-17	542	5.0	.6	1.0	.8	.80	1040.64
64	201056A	038810	CNW	00282.18	MARSHALLTOWN	1	25E 73SNW/C 21-84-17	25	5.0	1.0	1.0	.8	.80	80.00
07	201057G	017380	CNW	00001.00	WATERLOO	0	RANCHERO RD	296	1.0	1.0	1.0	.7	.80	165.76

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64	201059V	038800	CNW	00281.16	MARSHALLTOWN	1	35E 75SNW/C 28-84-17	1440	5.0	.6	1.0	.8	.80	2764.80
07	201060P	017370	CNW	00002.06	CEDAR FALLS	0	BUTTERFIELD ROAD	2200	1.0	1.0	1.2	.7	.80	1478.40
07	201061W	017360	CNW	00002.20	CEDAR FALLS	0	RIDGEWAY AVE	6851	1.0	1.0	1.2	.7	.80	4603.87
07	201062D	017350	CNW	00002.40	CEDAR FALLS	0	S MAIN ST	8085	1.0	1.0	1.2	.7	.80	5433.12
07	201063K	017340	CNW	00003.28	CEDAR FALLS	0	VIKING ROAD	886	1.0	1.0	1.0	.7	.80	496.16
07	201064S	090510	CNW	00005.03	CEDAR FALLS	0	MAIN ST.	12200	1.0	1.0	2.0	.7	.80	13664.00
07	201065Y	127360	CNW	00005.48	CEDAR FALLS	0	UNIVERSITY AVE	19600	1.0	1.0	1.0	.7	.80	10976.00
07	201067M	101530	CNW	00005.66	CEDAR FALLS	0	SEERLEY AVE	3139	1.0	1.0	1.0	.7	.80	1757.84
07	201070V	101510	CNW	00005.74	CEDAR FALLS	0	E 22ND ST	900	1.0	1.0	1.0	.7	.80	504.00
07	201072J	101500	CNW	00005.82	CEDAR FALLS	0	E. 21ST STREET	1050	1.0	1.0	1.0	.7	.80	588.00
07	201073R	134780	CNW	00005.89	CEDAR FALLS	0	E 20TH ST	331	1.0	1.0	1.0	.7	.80	185.36
07	201075E	127210	CNW	00006.10	CEDAR FALLS	0	E. 18TH STREET	11744	.5	1.0	1.0	.7	.80	3288.32
07	201076L	101490	CNW	00006.22	CEDAR FALLS	0	E 16TH & STATE	1400	1.0	1.0	2.0	.7	.80	1568.00
33	201077T	001070	CNW	00245.44	OELWEIN	0	FREDERICK STREET	13400	.5	.6	1.2	.8	.80	3087.36
07	201125F	127120	CNW	00325.44	WATERLOO	0	MULBERRY	1319	.5	.6	1.0	.7	.85	235.44
07	201126M	127110	CNW	00325.38	WATERLOO	0	LAFAYETTE	9527	.5	.6	1.0	.7	.85	1700.57
33	201137A	060190	CNW	00354.20	OELWEIN	1	90S NW/C 8-91-9	81	4.0	1.0	1.2	.9	.80	279.94
33	201190L	060180	CNW	00352.67	OELWEIN	1	10E NW/C 17-91-9	63	4.0	1.0	1.2	.9	.80	217.73
33	201210V	001110	CNW	00354.10	OELWEIN	1	33E NW/C 7-91-9	2230	.5	.1	1.0	.7	.75	58.54
35	201251A	029000	CNW	00197.50	ACKLEY	1	60E NW/C 22-90-19	70	5.0	1.0	1.0	.8	.80	224.00
35	201252G	029010	CNW	00198.30	ACKLEY	1	96S NW/C 23-90-19	8	5.0	1.0	1.2	.8	.80	30.72
35	201254V	029020	CNW	00199.50	ACKLEY	1	20E NW/C 35-90-19	103	5.0	1.0	1.0	.8	.80	329.60
42	201257R	009510	CNW	00200.50	ACKLEY	0	SHERMAN AVENUE	2520	6.5	.6	1.0	.7	.85	5847.66
42	201258X	097240	CNW	00200.60	ACKLEY	0	DOUGLAS AVENUE	219	6.0	1.0	1.0	.7	.85	781.83
42	201259E	086780	CNW	00200.70	ACKLEY	0	LINCOLN AVENUE	1050	6.0	1.0	1.0	.7	.85	3748.50



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42	201261F	086690	CNW	00201.50	ACKLEY	0	10TH AVE.	41	5.0	1.0	1.0	.8	.80	131.20
42	201262M	006920	CNW	00202.50	ACKLEY	1	85E NW/C 15-89-19	1010	5.0	.6	1.0	.8	.80	1939.20
42	201263U	086770	CNW	00203.40	ACKLEY	1	70E NW/C 22-89-19	19	5.0	1.0	1.0	.8	.80	60.80
42	201266P	086790	CNW	00205.60	STEAMBOAT ROCK	1	05E NW/C 35-89-19	65	6.0	1.0	1.2	.8	.85	318.24
42	201268D	086750	CNW	00206.60	STEAMBOAT ROCK	1	95E NW/C 4-88-19	65	5.0	1.0	1.0	.8	.80	208.00
42	201269K	086740	CNW	00207.80	STEAMBOAT ROCK	1	15E NW/C 10-88-19	45	5.0	1.0	1.0	.8	.80	144.00
42	201270E	086730	CNW	00208.80	STEAMBOAT ROCK	1	30E NW/C 15-88-19	65	5.0	1.0	1.0	.8	.80	208.00
42	201271L	086720	CNW	00209.10	STEAMBOAT ROCK	1	50E35S NW/C 15-88-19	530	5.0	.6	1.0	.8	.80	1017.60
42	201273A	086710	CNW	00209.90	STEAMBOAT ROCK	1	85E NW/C 22-88-19	15	5.0	1.0	1.0	.8	.80	48.00
42	201274G	086700	CNW	00211.00	STEAMBOAT ROCK	1	75E NW/C 27-88-19	40	5.0	1.0	1.0	.8	.80	128.00
42	201277C	096240	CNW	00211.60	STEAMBOAT ROCK	0	MARKET ST.	219	5.0	1.0	1.0	.8	.80	700.80
42	201278J	086680	CNW	00211.80	STEAMBOAT ROCK	0	MAIN ST	746	5.0	.6	1.0	.8	.80	1432.32
42	201279R	134400	CNW	00211.80	STEAMBOAT ROCK	0	BROADWAY-TO CEMETERY	19	5.0	1.0	1.0	.8	.80	60.80
42	201280K	010200	CNW	00211.85	STEAMBOAT ROCK	0	1ST. ST.	1100	5.0	.6	1.0	.8	.80	2112.00
42	201283F	086670	CNW	00213.70	STEAMBOAT ROCK	1	35E95S NW/C 29-88-19	140	5.0	1.0	1.0	.8	.80	448.00
42	201286B	082500	CNW	00215.70	ELDORA	1	40E50S NW/C 6-87-19	160	6.0	1.0	1.0	.8	.80	614.40
42	201289W	108750	CNW	00216.70	ELDORA	0	11TH AVE	783	5.0	1.0	1.0	.7	.85	2329.43
64	201290R	014780	CNW	00242.20	MARSHALLTOWN	0	BRENTWOOD ROAD	451	5.0	.6	1.0	.8	.80	865.92
64	201291X	038160	CNW	00241.70	MARSHALLTOWN	0	WEST MAIN ST	1659	5.0	.6	1.2	.8	.80	3822.34
64	201294T	002550	CNW	00240.50	MARSHALLTOWN	1	75E37S NW/C 29-84-18	16	5.0	1.0	1.0	.8	.80	51.20
64	201300U	038150	CNW	00236.30	ALBION	0	JEFFERSON	91	5.0	1.0	1.0	.8	.80	291.20
64	201301B	038140	CNW	00235.60	ALBION	1	13E NW/C 6-84-18	95	4.0	1.0	1.0	.8	.80	243.20
64	201304W	038130	CNW	00234.60	LISCOMB	1	99E NW/C 36-85-19	55	5.0	1.0	1.0	.8	.80	176.00
64	201305D	038120	CNW	00233.50	LISCOMB	1	99E NW/C 25-85-19	40	5.0	1.0	1.0	.8	.80	128.00
64	201307S	038110	CNW	00232.60	LISCOMB	1	99E NW/C 24-85-19	15	5.0	1.0	1.0	.8	.80	48.00

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64	201308Y	038100	CNW	00232.10	LISCOMB	1	99E 50SNW/C 13-85-19	55	5.0	1.0	1.0	.8	.80	176.00
64	201310A	038090	CNW	00231.00	LISCOMB	0	MAIN ST	1103	6.0	.6	1.0	.7	.85	2362.63
64	201311G	113170	CNW	00230.90	LISCOMB	0	CLINTON ST	219	6.0	1.0	1.0	.7	.85	781.83
42	201315J	086640	CNW	00225.90	UNION	0	CENTER ST.	926	6.5	.1	1.0	.7	.85	358.13
42	201319L	013120	CNW	00223.40	UNION	1	16E02S NW/C 9-86-19	218	5.0	.6	1.0	.8	.80	418.56
42	201320F	086650	CNW	00222.60	UNION	1	60E50S NW/C 5-86-19	1030	5.0	.6	1.0	.8	.80	1977.60
42	201321M	096260	CNW	00222.50	UNION	1	50E40S NW/C 5-86-19	45	5.0	1.0	1.0	.8	.80	144.00
42	201323B	052130	CNW	00218.60	ELDORA	1	20E NW/C 19-87-19	35	5.0	1.0	1.0	.8	.80	112.00
42	201324H	086660	CNW	00218.10	ELDORA	1	15E50S NW/C 18-87-19	25	4.0	1.0	1.0	.8	.80	64.00
42	201326W	134500	CNW	00217.00	ELDORA	0	15TH AVE	783	5.0	1.0	1.0	.8	.80	2505.60
42	201327D	108730	CNW	00216.90	ELDCRA	0	14TH AVE	384	5.0	1.0	1.0	.8	.80	1228.80
42	201329K	013140	CNW	00216.90	ELDCRA	0	EDGINGTON AVE	5540	5.0	.6	1.0	.8	.80	10636.80
42	201329S	108740	CNW	00216.80	ELDCRA	0	12TH AVE	384	5.0	1.0	1.0	.7	.85	1142.40
12	201463D	102560	CNW	00288.79	CLARKSVILLE	0	ELY	113	2.0	1.0	1.0	.8	.80	144.64
12	201471V	108230	CNW	00304.84	DUMONT	0	MONTROSE AVE.	420	2.0	1.0	1.0	.8	.80	537.60
12	201485D	097710	CNW	00295.22	ALLISON	0	ELM ST	558	2.0	1.0	1.0	.8	.85	758.88
33	201495J	060140	CNW	00249.81	OELWEIN	1	02S NW/C 13-91-10	274	4.0	1.0	1.0	.8	.80	701.44
33	201506U	060150	CNW	00253.80	OELWEIN	1	01S NW/C 17-91-10	60	4.0	1.0	1.0	.8	.80	153.60
33	201510J	060170	CNW	00254.88	OELWEIN	1	01S NW/C 18-91-10	700	4.0	1.0	1.0	.8	.80	1792.00
09	201512X	059070	CNW	00255.90	READLYN	1	05S NW/C 13-91-11	35	4.0	1.0	1.0	.8	.80	89.60
09	201514L	059080	CNW	00256.90	READLYN	1	05S NW/C 14-91-11	26	4.0	1.0	1.0	.8	.80	66.56
09	201517G	059090	CNW	00259.14	READLYN	1	75E05S NW/C 17-91-11	33	4.0	1.0	1.0	.8	.80	84.48
09	201518N	059100	CNW	00260.40	READLYN	1	50E05S NW/C 18-91-11	22	4.0	1.0	1.0	.8	.80	56.32
09	201519V	059110	CNW	00260.88	READLYN	1	05S NW/C 18-91-11	37	4.0	1.0	1.0	.8	.80	94.72
09	201521W	059120	CNW	00261.89	READLYN	1	05S NW/C 13-91-12	1800	4.0	.1	1.0	.8	.85	489.60

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09	201526F	059130	CNW	00262.88	READLYN	1	055 NW/C 14-91-12	94	4.0	1.0	1.0	.8	.80	240.64
09	201527M	059140	CNW	00263.88	READLYN	1	055 NW/C 15-91-12	100	4.0	1.0	1.0	.8	.80	256.00
09	201528U	059150	CNW	00264.88	READLYN	1	055 NW/C 16-91-12	47	4.0	1.0	1.0	.8	.80	120.32
09	201529B	059160	CNW	00265.88	READLYN	1	055 NW/C 17-91-12	39	4.0	1.0	1.0	.8	.80	99.84
09	201530V	059170	CNW	00266.88	DENVER	1	055 NW/C 18-91-12	71	4.0	1.0	1.0	.8	.80	181.76
09	201532J	059180	CNW	00268.90	DENVER	1	NW/C 14-91-13	82	4.0	1.0	1.0	.8	.80	225.28
09	201538A	124750	CNW	00274.88	WAVERLY	0	FIRST AVE SE	469	4.0	1.0	1.0	.8	.85	1275.68
09	201539G	090310	CNW	00274.96	WAVERLY	0	BREMER AVE & 4TH ST.	8700	.5	.6	1.2	.7	.80	1753.92
35	201541H	028570	CNW	00324.18	COULTER	1	50S NW/C 33-92-21	54	2.0	1.0	1.0	.8	.80	69.12
35	201542P	028560	CNW	00325.18	COLLTER	0	NO NAME ST	37	2.0	1.0	1.0	.8	.80	47.36
35	201543W	012870	CNW	00325.68	COULTER	0	MAIN ST	1090	2.0	.6	1.0	.8	.85	869.44
99	201562B	133500	CNW	00343.74	CLARION	0	6TH ST N E	690	2.0	1.0	1.0	.8	.80	883.20
99	201563H	102490	CNW	00344.24	CLARION	0	1ST ST N W	1100	2.0	1.0	1.2	.8	.85	1795.20
99	201564P	102480	CNW	00344.28	CLARION	0	6TH AVE N.W.	1100	2.0	1.0	1.0	.8	.85	1496.00
99	201565W	102460	CNW	00344.33	CLARION	0	2ND ST N.W.	1020	2.0	1.0	1.2	.8	.85	1664.64
99	201566D	102450	CNW	00344.38	CLARION	0	5TH AVE N.W.	920	2.0	1.0	1.0	.8	.85	1251.20
99	201567K	102430	CNW	00344.43	CLARION	0	4TH AVE N.W.	870	2.0	1.0	1.0	.8	1.00	1392.00
09	201591L	059200	CNW	00279.68	WAVERLY	1	50E30S NW/C 6-91-14	46	2.0	1.0	1.2	.8	.80	70.66
09	201592T	059190	CNW	00280.30	SHELL ROCK	1	75S NW/C 6-91-14	30	2.0	1.0	1.2	.8	.80	46.08
12	201593A	019350	CNW	00281.52	SHELL ROCK	0	CO.RD. T-63	450	2.0	1.0	1.2	.8	.85	734.40
12	201594G	023950	CNW	00281.96	SHELL ROCK	1	70E15S NW/C 2-91-15	20	2.0	1.0	2.0	.8	.80	51.20
12	201597C	019340	CNW	00282.50	SHELL ROCK	1	50E70S NW/C 35-92-15	5	2.0	1.0	1.0	.8	.80	6.40
12	201601P	019320	CNW	00284.30	SHELL ROCK	1	61E37S NW/C 27-92-15	30	2.0	1.0	1.0	.8	.80	38.40
12	201602W	019310	CNW	00285.42	CLARKSVILLE	1	30S NW/C 22-92-15	40	2.0	1.0	1.2	.8	.80	61.44
12	201603D	102590	CNW	00288.31	CLARKSVILLE	0	CHURCH	361	2.0	1.0	1.0	.8	.85	490.96



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12	201604K	102580	CNW	00288.36	CLARKSVILLE	0	MATHER ST	421	2.0	1.0	1.0	.8	.85	572.56
12	201605S	010220	CNW	00288.44	CLARKSVILLE	0	MAIN ST	2390	2.0	.6	1.0	.8	.85	1950.24
12	201606Y	102570	CNW	00288.64	CLARKSVILLE	0	ADAMS ST	170	2.0	1.0	1.0	.8	.85	231.20
12	201608M	019070	CNW	00290.80	CLARKSVILLE	1	90S NW/C 14-92-16	60	2.0	1.0	1.0	.8	.80	76.80
12	201609U	019060	CNW	00291.64	CLARKSVILLE	1	25E35S NW/C 22-92-16	71	2.0	1.0	1.0	.8	.80	90.88
12	201611V	019040	CNW	00293.59	ALLISON	1	40E NW/C 29-92-16	75	2.0	1.0	1.2	.8	.80	115.20
12	201613J	019030	CNW	00294.01	ALLISON	1	20S NW/C 29-92-16	95	2.0	1.0	1.0	.8	.80	121.60
12	201614R	012070	CNW	00295.30	ALLISON	0	MAIN ST	558	2.0	.6	1.0	.8	.85	455.33
12	201617L	019010	CNW	00298.15	ALLISON	1	10S NW/C 27-92-17	30	2.0	1.0	1.0	.8	.80	38.40
12	201618T	019000	CNW	00298.40	ALLISON	1	80E NW/C 28-92-17	45	2.0	1.0	1.2	.8	.80	69.12
12	201619A	018990	CNW	00299.21	BRISTOW	1	75S NW/C 21-92-17	20	2.0	1.0	1.0	.8	.80	25.60
12	201620U	018980	CNW	00300.28	BRISTOW	1	30S NW/C 20-92-17	90	2.0	1.0	1.0	.8	.80	115.20
12	201621B	012060	CNW	00301.04	BRISTOW	0	WALNUT ST	260	2.0	.1	1.0	.8	.85	35.36
12	201622H	099780	CNW	00301.22	BRISTOW	0	WEST ST	180	2.0	1.0	1.0	.8	.85	244.80
12	201623P	099790	CNW	00301.52	BRISTOW	0	ELM	50	2.0	1.0	1.0	.8	.85	68.00
12	201624W	018810	CNW	00305.28	DUMONT	0	MAIN ST	1721	2.0	1.0	1.0	.8	.85	2340.56
12	201625D	018800	CNW	00305.86	DUMONT	0	UNNAMED	113	2.0	1.0	1.0	.8	.80	144.64
12	201626K	018790	CNW	00308.04	DUMONT	1	90S NW/C 19-92-18	58	2.0	1.0	1.0	.8	.80	74.24
35	201627S	029070	CNW	00309.59	HANSELL	1	50E15S NW/C 26-92-19	40	2.0	1.0	1.0	.8	.80	51.20
35	201628Y	029060	CNW	00311.10	HANSELL	1	25S NW/C 27-92-19	22	2.0	1.0	1.0	.8	.80	28.16
35	201629F	011660	CNW	00312.10	HANSELL	0	MAIN ST.	515	2.0	.6	1.0	.8	.85	420.24
35	201630A	029050	CNW	00313.10	HANSELL	1	30S NW/C 29-92-19	4	2.0	1.0	1.0	.8	.80	5.12
35	201631G	029040	CNW	00314.08	HANSELL	1	45S NW/C 30-92-19	30	2.0	1.0	1.0	.8	.80	38.40
35	201632N	029030	CNW	00315.38	HAMPTON	1	60S NW/C 25-92-20	74	2.0	1.0	1.0	.8	.80	94.72
35	201633V	010320	CNW	00317.10	HAMPTON	0	4TH ST N E	6600	2.0	.6	1.0	.8	.85	5365.60

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
35	201634C	126590	CNW	00317.30	HAMPTON	0	1ST STREET N E	384	2.0	1.0	1.0	.8	.85	522.24
35	201635J	134870	CNW	00317.36	HAMPTON	0	N FEDERAL	384	2.0	1.0	1.0	.8	.85	522.24
35	201636R	126600	CNW	00317.42	HAMPTON	0	1ST ST N W	1544	2.0	1.0	1.0	.8	.85	2099.84
35	201637X	066430	CNW	00318.10	HAMPTON	1	95S NW/C 28-92-20	445	2.0	1.0	1.0	.8	.80	569.60
35	201638E	028610	CNW	00319.06	HAMPTON	1	NW/C 32-92-20	450	2.0	1.0	1.0	.8	.80	576.00
35	201640F	028600	CNW	00321.18	HAMPTON	1	35S NW/C 36-92-21	40	3.0	1.0	1.0	.8	.80	76.80
76	201649S	014540	CNW	00239.60	ROLFE	0	BROAD ST.	1290	3.5	1.0	1.0	.8	.85	3070.20
76	201650L	119620	CNW	00239.95	ROLFE	0	GRANT AVE.	219	3.0	1.0	1.2	.8	.85	536.11
76	201651T	084850	CNW	00240.40	ROLFE	1	95E NW/C 8-92-31	44	2.0	1.0	1.2	.8	.80	67.58
76	201652A	084840	CNW	00240.47	ROLFE	1	05S NW/C 9-92-31	100	2.0	1.0	1.2	.8	.80	153.60
76	201654N	084830	CNW	00241.80	ROLFE	1	95E NW/C 16-92-31	1	2.0	.6	1.2	.8	.80	999999.99
76	201655V	084820	CNW	00241.86	ROLFE	1	05S NW/C 15-92-31	80	2.0	1.0	1.2	.8	.80	122.88
76	201656C	084810	CNW	00243.03	ROLFE	1	77E NW/C 22-92-31	40	2.0	1.0	1.2	.8	.80	61.44
76	201657J	084800	CNW	00243.44	ROLFE	1	35S NW/C 23-92-31	16	2.0	1.0	1.2	.8	.80	24.58
76	201658R	084790	CNW	00244.32	GILMORE CITY	1	45E NW/C 26-92-31	20	2.0	1.0	1.2	.8	.80	30.72
76	201659X	084780	CNW	00245.10	GILMORE CITY	1	80S NW/C 25-92-31	70	3.0	1.0	1.2	.8	.80	161.28
76	201660S	084770	CNW	00245.45	GILMORE CITY	1	21E NW/C 36-92-31	90	2.0	1.0	1.2	.8	.80	138.24
76	201661Y	135030	CNW	00246.10	GILMORE CITY	1	45E50S NW/C 36-92-31	10	2.0	1.0	1.2	.8	.75	14.40
76	201662F	014520	CNW	00246.55	GILMORE CITY	0	W. IOWA AVE.	2040	2.0	.6	1.0	.8	.80	1566.72
76	201663M	110630	CNW	00246.86	GILMORE CITY	0	SW B AVE.	219	3.0	1.0	1.0	.8	.80	420.48
76	201664U	110620	CNW	00246.94	GILMORE CITY	0	S.W. C AVE	219	3.0	1.0	1.0	.8	.80	420.48
46	2016658	032730	CNW	00247.05	GILMORE CITY	0	S. GILMORE ST	234	5.0	1.0	1.2	.8	.85	954.72
46	201667P	032740	CNW	00248.82	GILMORE CITY	1	45E NW/C 7-91-30	60	3.0	1.0	1.2	.8	.80	138.24
46	201668W	032750	CNW	00249.04	GILMORE CITY	1	81E NW/C 12-91-30	29	3.0	1.0	1.0	.8	.80	55.68
46	201670X	032760	CNW	00249.38	GILMORE CITY	1	36S NW/C 17-91-30	31	3.0	1.0	1.2	.8	.80	71.42

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
46	201672L	032770	CNW	00250.02	PIONEER	1	31E NW/C 20-91-30	42	3.0	1.0	1.2	.8	.80	96.77
46	201674A	032780	CNW	00251.27	PIONEER	1	86E NW/C 29-91-30	23	3.0	1.0	1.0	.8	.80	44.16
46	201676N	032790	CNW	00251.52	PIONEER	1	33S NW/C 28-91-30	42	3.0	1.0	1.2	.8	.80	96.77
46	201677V	032800	CNW	00252.18	PIONEER	1	34E NW/C 33-91-30	540	5.0	1.0	1.0	.8	.80	1728.00
46	201678C	032810	CNW	00252.80	PIONEER	0	MAIN ST.	1106	5.0	1.0	1.0	.8	.85	3760.40
94	201681K	085670	CNW	00253.86	CLARE	1	35S NW/C 3-90-30	25	3.0	1.0	1.2	.8	.80	57.60
94	201682S	085660	CNW	00254.47	CLARE	1	30E NW/C 10-90-30	60	3.0	1.0	1.0	.8	.80	115.20
94	201685M	085650	CNW	00255.67	CLARE	1	80E NW/C 15-90-30	15	3.0	1.0	1.0	.8	.80	28.80
94	201686U	085640	CNW	00256.10	CLARE	1	45S NW/C 14-90-30	25	3.0	1.0	1.2	.8	.80	57.60
94	201687B	085630	CNW	00256.75	CLARE	1	20E NW/C 23-90-30	20	3.0	1.0	1.0	.8	.80	38.40
94	201688H	102280	CNW	00257.95	CLARE	0	SECOND ST	835	5.0	1.0	1.0	.8	.85	2839.00
94	201689P	085690	CNW	00257.99	CLARE	0	HOOD & FRONT ST.	392	5.0	1.0	1.2	.8	.85	1599.36
94	201690J	085620	CNW	00259.30	CLARE	1	90E NW/C 36-90-30	40	3.0	1.0	1.2	.8	.80	92.16
94	201691R	085610	CNW	00259.43	CLARE	1	10S NW/C 31-90-29	5	3.0	1.0	1.2	.8	.80	11.52
37	201713N	125800	CNW	00260.00	GRAND JUNCTION	0	2ND ST W.	30	3.0	1.0	1.0	.7	.80	50.40
37	201717R	029920	CNW	00256.80	DANA	1	20E50S NW/C 16-84-29	27	3.0	1.0	1.0	.8	.80	51.84
37	201717E	029910	CNW	00255.40	DANA	0	ANYER ST.	450	5.0	.6	1.0	.8	.85	918.00
37	201722M	029900	CNW	00253.28	PATON	1	08E NW/C 33-85-29	79	3.0	1.0	1.0	.8	.80	151.68
37	201723U	006770	CNW	00252.87	PATON	1	67S NW/C 28-85-29	540	3.0	.6	2.0	.8	.80	1244.16
37	201726P	012910	CNW	00251.18	PATON	0	PATTON STREET	710	5.0	.6	1.0	.8	.85	1448.40
37	201727K	006760	CNW	00249.89	PATON	1	85S NW/C 8-85-29	87	3.0	1.0	2.0	.8	.80	334.08
37	201730E	029890	CNW	00249.00	PATON	1	75E NW/C 7-85-29	36	3.0	1.0	1.0	.8	.80	69.12
94	201733A	085560	CNW	00247.50	PATON	1	75E 65SNW/C 36-86-30	37	3.0	1.0	1.2	.8	.80	85.25
94	201734G	085540	CNW	00246.63	GOWRIE	1	50E NW/C 36-86-30	70	3.0	1.0	1.0	.8	.80	134.40
94	201736V	085530	CNW	00245.63	GOWRIE	1	50E NW/C 25-86-30	5	3.0	1.0	1.0	.8	.80	9.60



EXPOSURE INDEX LIST BY FRA NUMBER

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94	201737C	085520	CNW	00244.63	GOWRIE	1	50E NW/C 24-86-30	15	3.0	1.0	1.0	.8	.80	28.80
94	201738J	019890	CNW	00243.60	GOWRIE	1	50E NW/C 13-86-30	680	3.0	.6	1.0	.8	.80	783.36
94	201739R	085500	CNW	00243.15	GOWRIE	0	WALNUT ST	219	1.0	1.0	1.0	.8	.80	140.16
94	201740K	091690	CNW	00242.97	GOWRIE	0	LINCOLN ST.	80	3.0	1.0	1.0	.8	.80	153.60
94	201741S	125730	CNW	00242.85	GOWRIE	0	MARKET ST	219	3.0	.6	1.0	.8	.85	268.06
94	201759C	125740	CNW	00242.70	GOWRIE	0	MAIN ST	392	6.0	1.0	1.0	.8	.85	1599.36
94	201760W	085490	CNW	00241.85	GOWRIE	1	50E NW/C 1-86-30	35	3.0	1.0	1.0	.8	.80	67.20
94	201761D	085480	CNW	00239.85	CALLENDER	1	50E NW/C 25-87-30	40	3.0	1.0	1.0	.8	.80	76.80
94	201762K	085470	CNW	00238.63	CALLENDER	1	50E NW/C 24-87-30	65	3.0	1.0	1.0	.8	.80	124.80
94	201764Y	090220	CNW	00237.24	CALLENDER	0	THOMAS ST	835	5.0	1.0	1.0	.8	.85	2839.00
94	201766M	085460	CNW	00235.63	CALLENDER	1	50E NW/C 1-87-30	10	3.0	1.0	1.0	.8	.80	19.20
94	201768B	085450	CNW	00233.63	MOORLAND	1	48E NW/C 25-88-30	23	3.0	1.0	1.0	.8	.80	44.16
94	201769H	085440	CNW	00232.63	MOORLAND	1	48E NW/C 24-88-30	45	3.0	1.0	1.0	.8	.80	86.40
94	201770C	085430	CNW	00231.66	MOORLAND	0	MAIN	120	5.0	1.0	1.0	.8	.85	408.00
94	201771J	085420	CNW	00231.46	MOORLAND	0	WESTERN	150	3.0	1.0	1.0	.8	.85	306.00
94	201774E	085410	CNW	00230.75	MOORLAND	1	48E NW/C 12-88-30	430	3.0	1.0	1.0	.8	.80	825.60
94	201778G	085400	CNW	00228.80	MOORLAND	1	70E 25SNW/C 32-89-29	150	3.0	1.0	1.0	.8	.80	288.00
94	201782W	140250	CNW	00221.85	FORT DODGE	0	MERIWEITHER(SW 11TH)	1150	1.0	1.0	1.0	.7	.80	644.00
94	201784K	138110	CNW	00221.44	FORT DODGE	0	MERIWEITHER & 2ND ST	2300	1.0	1.0	1.0	.7	.80	1288.00
94	201786Y	110080	CNW	00221.35	FORT DODGE	0	1ST AVE S	1655	3.0	1.0	1.0	.7	.85	2954.18
94	201787F	110100	CNW	00221.30	FORT DODGE	0	CENTRAL & 1ST ST	1210	2.0	1.0	1.2	.7	.85	1727.88
94	201790N	110200	CNW	00220.60	FORT DODGE	0	6TH ST N	527	3.0	1.0	1.0	.7	.85	940.70
17	201844S	016590	CNW	00159.80	MASON CITY	0	19TH STREET SE	3446	.5	1.0	1.0	.7	.75	904.56
17	201845Y	114640	CNW	00157.50	MASON CITY	0	15TH STREET SE	3024	.5	.6	1.0	.7	.75	476.28
17	201846F	114650	CNW	00156.70	MASON CITY	0	8TH STREET SE	1358	.5	1.0	1.0	.7	.75	356.48

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17	201848U	114660	CNW	00156.20	MASON CITY	0	1ST STREET SE	527	.5	1.0	1.0	.7	.75	138.34
17	201850V	063790	CNW	00155.90	MASON CITY	0	3RD STREET NE	1064	.5	.6	1.0	.7	.75	167.58
17	201851C	061630	CNW	00155.70	MASON CITY	0	4TH ST NE	1795	.5	.6	1.0	.7	.75	282.71
17	201854X	140150	CNW	00155.30	MASON CITY	0	15TH ST N.E.	460	.5	.6	1.0	.7	.80	77.28
17	201855E	016600	CNW	00153.80	MASON CITY	1	12E NW/C 34-97-20	50	.5	1.0	1.0	.7	.75	13.13
17	201857T	064260	CNW	00152.90	MASON CITY	1	90E10S NW/C 28-97-20	820	.5	.6	1.0	.7	.75	129.15
17	201858A	010470	CNW	00055.30	MASON CITY	0	NORTH FEDERAL	8110	7.0	.6	1.0	.8	.80	21799.68
17	201859G	127820	CNW	00106.10	MASON CITY	0	SOUTH MONROE	6806	.5	.6	1.0	.7	.75	1071.95
17	201860B	058490	CNW	00105.70	MASON CITY	0	19TH STREET SW	8070	.5	.6	1.0	.7	.75	1271.03
17	201861H	058480	CNW	00105.40	MASON CITY	0	SOUTH FEDERAL	12500	.5	.6	1.2	.7	.75	2362.50
17	201862P	085290	CNW	00161.10	MASON CITY	1	75E NW/C 34-96-20	310	5.0	1.0	1.0	.8	.80	992.00
17	201863W	085280	CNW	00162.10	MASON CITY	1	75E NW/C 3-95-20	59	5.5	1.0	1.0	.8	.85	220.66
17	201864D	085270	CNW	00163.10	MASON CITY	1	75E NW/C 10-95-20	390	5.0	.6	1.0	.8	.80	748.80
17	201866S	085260	CNW	00164.10	ROCKWELL	1	75E NW/C 15-95-20	12	5.0	1.0	1.0	.8	.80	38.40
17	201867Y	085250	CNW	00165.10	ROCKWELL	1	75E NW/C 22-95-20	41	5.0	1.0	1.0	.8	.80	131.20
17	201868F	085240	CNW	00166.10	ROCKWELL	1	75E NW/C 27-95-20	20	5.0	1.0	1.0	.8	.80	64.00
17	201869M	085230	CNW	00167.60	ROCKWELL	1	75E NW/C 34-95-20	110	5.0	1.0	1.0	.8	.80	352.00
17	201870G	085220	CNW	00167.70	ROCKWELL	0	ELM ST.	219	6.0	.1	1.0	.8	.85	89.35
17	201871N	085200	CNW	00168.10	ROCKWELL	0	MAIN ST	392	6.0	.6	1.0	.8	.85	959.62
17	201872V	085210	CNW	00168.80	ROCKWELL	0	MADISON ST.	1044	5.0	.6	1.0	.8	.80	2004.48
17	201873C	085190	CNW	00168.80	ROCKWELL	0	1ST ST.	113	5.0	1.0	1.2	.8	.80	433.92
17	201874J	085180	CNW	00169.10	ROCKWELL	1	36E NW/C 15-94-20	20	5.0	1.0	1.0	.8	.80	64.00
17	201875R	009620	CNW	00170.10	ROCKWELL	1	92S NW/C 15-94-20	2070	4.0	.6	1.2	.8	.80	3815.42
17	201876X	085170	CNW	00170.20	ROCKWELL	1	95E NW/C 21-94-20	26	5.0	1.0	1.0	.8	.80	83.20
17	201877E	085160	CNW	00171.20	SHEFFIELD	1	75E NW/C 28-94-20	65	5.0	1.0	1.0	.8	.80	208.00

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17	201878L	085150	CNW	00172.30	SHEFFIELD	1	65E NW/C 33-94-20	8	5.0	1.0	1.0	.8	.80	25.60
17	201879T	085140	CNW	00172.80	SHEFFIELD	1	60E50S NW/C 33-94-20	20	5.0	1.0	1.0	.8	.80	64.00
35	201880M	138120	CNW	00173.90	SHEFFIELD	0	75E 50S NW/C 4-93-20	460	5.0	1.0	1.0	.8	.80	1472.00
35	201881U	028260	CNW	00174.10	SHEFFIELD	0	BORST STREET	404	6.0	1.0	1.0	.8	.85	1648.32
35	201882B	010500	CNW	00174.30	SHEFFIELD	0	GILMAN STREET	878	5.0	.6	1.0	.8	.85	1791.12
35	201885W	134890	CNW	00175.30	SHEFFIELD	1	50E NW/C 16-93-20	17	5.0	1.0	1.0	.8	.80	54.40
35	201886D	028280	CNW	00176.40	SHEFFIELD	1	20E NW/C 21-93-20	26	5.0	1.0	1.0	.8	.80	83.20
35	201889Y	028290	CNW	00177.40	SHEFFIELD	1	01E NW/C 28-93-20	61	5.0	1.0	1.0	.8	.80	195.20
35	201891A	028300	CNW	00178.10	SHEFFIELD	1	02E70S NW/C 28-93-20	65	5.0	1.0	1.0	.8	.80	208.00
35	201892G	028310	CNW	00178.30	SHEFFIELD	1	02E90S NW/C 28-93-20	100	6.0	1.0	1.0	.8	.85	408.00
35	201893N	028320	CNW	00178.40	SHEFFIELD	1	06E NW/C 33-93-20	240	6.0	.6	1.0	.8	.85	587.52
21	201901D	121560	S00	NONE	SPENCER	0	E. 5TH ST.	213	.5	1.0	1.0	.7	.75	55.91
21	201902K	121570	S00	NONE	SPENCER	0	E. 4TH ST.	3952	.5	1.0	1.0	.7	.75	1037.40
21	201903S	121580	S00	NONE	SPENCER	0	E. 3RD ST.	580	.5	1.0	1.0	.7	.75	152.25
21	201904Y	121590	S00	NONE	SPENCER	0	E. 2ND ST.	301	.5	1.0	1.0	.7	.75	79.01
21	201905F	121600	S00	NONE	SPENCER	0	E. 1ST ST.	560	.5	1.0	1.0	.7	.75	147.00
21	201906M	121610	S00	NONE	SPENCER	0	E. PARK ST.	739	.5	1.0	1.0	.7	.75	193.99
35	201910C	028330	CNW	00179.40	HAMPTON	1	15E NW/C 4-92-20	21	5.0	1.0	1.0	.8	.80	67.20
35	201911J	028340	CNW	00180.50	HAMPTON	1	35E NW/C 9-92-20	420	5.0	.6	1.0	.8	.80	806.40
35	201914E	011300	CNW	00182.50	HAMPTON	1	30E NW/C 21-92-20	183	5.0	1.0	1.0	.8	.80	585.60
35	201916T	027780	CNW	00184.00	HAMPTON	1	50E50S NW/C 28-92-20	632	5.0	.6	1.0	.8	.80	1213.44
35	201917A	126680	CNW	00184.70	HAMPTON	0	2ND AVENUE NW	833	6.5	1.0	1.0	.7	.85	3221.63
35	201918G	075280	CNW	00184.80	HAMPTON	0	1ST AVENUE NW	833	6.5	1.0	1.0	.7	.85	3221.63
35	201919N	012860	CNW	00184.85	HAMPTON	0	CENTRAL AVE W	6720	6.5	.6	1.0	.7	.85	15593.76
35	201920H	126670	CNW	00184.90	HAMPTON	0	1ST AVENUE SW	384	6.5	1.0	1.0	.7	.85	1485.12



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
35	201921P	126660	CNW	00184.95	HAMPTON	0	SW 2ND AVE-AT 3RD ST	384	6.0	1.0	1.0	.7	.85	1370.88
35	201922W	092110	CNW	00185.00	HAMPTON	0	3RD AVENUE SW	783	6.0	1.0	1.0	.7	.85	2795.31
35	201923D	126650	CNW	00185.10	HAMPTON	0	1ST ST. S.W.	420	6.0	1.0	1.0	.7	.85	1499.40
35	201924K	126640	CNW	00185.20	HAMPTON	0	FEDERAL ST. S.	474	6.0	1.0	1.0	.7	.85	1692.18
35	201926Y	028870	CNW	00185.90	HAMPTON	1	30E NW/C 3-91-20	70	5.0	1.0	1.2	.8	.80	268.80
35	201927F	002370	CNW	00186.80	HAMPTON	1	52S NW/C 2-91-20	96	5.0	1.0	1.0	.8	.80	307.20
35	201928M	028880	CNW	00188.10	GENEVA	1	30S NW/C 12-91-20	48	5.0	1.0	1.0	.8	.80	153.60
35	201929U	028890	CNW	00189.20	GENEVA	1	75S NW/C 7-91-19	28	5.0	1.0	1.0	.8	.80	89.60
35	201930N	028900	CNW	00189.50	GENEVA	1	25E NW/C 12-91-19	51	5.0	1.0	1.0	.8	.80	163.20
35	201932C	028920	CNW	00191.10	GENEVA	0	BROADWAY	302	5.0	1.0	1.0	.8	.80	966.40
35	201935X	028930	CNW	00192.20	GENEVA	1	10E50S NW/C 29-91-19	294	5.0	.6	1.0	.8	.80	564.48
35	201936E	028940	CNW	00193.30	GENEVA	1	65E50S NW/C 32-91-19	30	5.0	1.0	1.0	.8	.80	96.00
35	201937L	028950	CNW	00194.00	GENEVA	1	09S NW/C 4-90-19	9	5.0	1.0	1.0	.8	.80	28.80
35	201940U	028960	CNW	00195.60	GENEVA	1	75E50S NW/C 9-90-19	130	5.0	1.0	1.0	.8	.80	416.00
35	201941B	028970	CNW	00196.15	ACKLEY	1	96E NW/C 16-90-19	40	5.0	1.0	1.0	.8	.80	128.00
35	201942F	028980	CNW	00196.20	ACKLEY	1	10S NW/C 15-90-19	39	5.5	1.0	1.0	.8	.85	145.86
09	201951G	124650	CNW	00275.60	WAVERLY	0	3RD ST N W	250	4.0	1.0	1.0	.7	.85	595.00
09	201952N	124740	CNW	00275.06	WAVERLY	0	1ST AVE N.E.	670	6.0	1.0	1.2	.7	.80	2701.44
09	201953V	124730	CNW	00275.07	WAVERLY	0	3RD ST N.E.	501	6.0	1.0	1.2	.7	.80	2020.03
09	201954C	124720	CNW	00275.14	WAVERLY	0	SECOND AVE N E	800	4.0	1.0	1.2	.7	.80	2150.40
09	201955J	124680	CNW	00275.48	WAVERLY	0	1ST ST NW MAINLINE	2921	4.0	1.0	1.2	.7	.80	7851.65
09	201956R	136890	CNW	00275.48	WAVERLY	0	1ST ST NW SPUR	1200	2.0	1.0	1.0	.7	.75	1260.00
09	201957X	124710	CNW	00275.48	WAVERLY	0	1ST ST NW SPUR	2700	1.0	1.0	1.2	.7	.75	1701.00
09	201959L	124670	CNW	00275.50	WAVERLY	0	SIXTH AVE N W	200	4.0	1.0	1.2	.7	.80	537.60
09	201960F	124660	CNW	00275.55	WAVERLY	0	2ND ST NW	400	4.0	1.0	1.0	.7	.85	952.00

EXPOSURE INDEX LIST BY FRA NUMBER

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09	201961M	124640	CNW	00275.70	WAVERLY	0	5TH ST N-W.	918	4.0	1.0	1.0	.7	.85	2184.84
09	201962U	124630	CNW	00276.16	WAVERLY	0	12TH ST N W	1527	2.0	.6	1.0	.7	.80	1026.14
09	201963B	059210	CNW	00279.04	WAVERLY	1	01E NW/C 5-91-14	70	2.0	1.0	1.2	.6	.80	107.52
09	201964H	059220	CNW	00276.78	WAVERLY	0	20TH ST N W	300	2.0	1.0	1.0	.8	.85	408.00
17	201970L	000790	CNW	00072.30	WALEDALE	1	35S NW/C 15-94-21	186	1.0	1.0	1.2	.8	.80	142.85
17	201976C	060810	CNW	00074.51	THORNTON	1	99S NW/C 17-94-21	56	1.0	1.0	1.0	.8	.80	35.84
17	201977J	060820	CNW	00074.54	THORNTON	1	99E NW/C 19-94-21	76	1.0	1.0	1.2	.8	.80	58.37
17	201979X	060830	CNW	00075.70	THORNTON	0	1ST STREET NORTH	710	2.0	.6	1.0	.7	.85	506.94
17	201983M	060840	CNW	00078.04	THORNTON	1	60S NW/C 26-94-22	42	1.0	1.0	1.0	.8	.80	26.88
17	201984U	060850	CNW	00079.08	MESERVEY	1	85S NW/C 27-94-22	48	1.0	1.0	1.0	.8	.80	30.72
17	201987P	060860	CNW	00079.92	MESERVEY	1	15E NW/C 33-94-22	55	1.0	1.0	1.2	.6	.80	42.24
17	201988W	060870	CNW	00080.19	MESERVEY	1	15S NW/C 33-94-22	15	1.0	1.0	1.0	.8	.80	9.60
17	201989D	115000	CNW	00081.24	MESERVEY	0	3RD ST	200	1.0	1.0	1.0	.7	.80	112.00
17	201991E	014760	CNW	00081.36	MESERVEY	0	1ST ST	1060	2.0	.6	1.0	.7	.85	756.84
35	201992L	138130	CNW	00082.05	MESERVEY	1	45E NW/C 6-93-22	109	1.0	1.0	1.2	.6	.80	83.71
35	201993T	028160	CNW	00082.51	MESERVEY	1	30S NW/C 6-93-22	5	1.0	1.0	1.2	.6	.80	3.84
08	271466P	110450	BSV	00034.60	FRASER	0	8E15S NW/C 2-84-27	234	.5	.6	1.2	.7	.80	47.17
08	271471L	023930	BSV	00040.95	BOONE	1	15E50S NW/C 20-84-26	12	.5	1.0	1.2	.7	.80	4.03
08	271472T	099210	BSV	00041.15	BOONE	0	N. MARION	340	.5	1.0	1.0	.7	.80	95.20
08	271473A	099230	BSV	00041.85	BOONE	0	N. HANLEY	100	.5	1.0	1.0	.7	.85	29.75
08	271474G	081470	BSV	00041.87	BOONE	0	N. DIVISION	2126	.5	1.0	1.0	.7	.85	632.49
08	271475N	099270	BSV	00041.96	BOONE	0	N. HARRISON	500	.5	1.0	1.0	.7	.85	148.75
08	271476V	099280	BSV	00042.00	BOONE	0	N. MONONA	300	.5	1.0	1.0	.7	.80	84.00
08	271477C	099310	CNW	00042.06	BOONE	0	N. CRAWFORD	640	.5	1.0	1.0	.7	.80	179.20
08	271478J	099320	CNW	00042.12	BOONE	0	N. CARROLL	544	.5	1.0	1.0	.7	.80	152.32

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08	271479R	099360	CNW	00042.18	BOONE	0	N. GREENE	2500	.5	1.0	1.0	.7	.80	700.00
08	271480K	099370	CNW	00042.24	BOONE	0	N. BOONE	200	.5	1.0	1.0	.7	.80	56.00
08	271481S	099380	CNW	00042.30	BOONE	0	N. STORY	5034	.5	1.0	1.0	.7	.80	999999.99
08	271482Y	099400	CNW	00042.36	BOONE	0	N. MARSHALL	100	.5	1.0	1.0	.7	.85	29.75
08	271483F	099410	CNW	00042.42	BOONE	0	N. TAMA	500	.5	1.0	1.0	.7	.80	140.00
77	271562S	046860	CNW	00072.36	DES MOINES	1	NE 58TH AVE.	1100	.5	1.0	1.0	.7	.80	308.00
77	271564F	001940	CNW	00079.86	DES MOINES	1	BROADWAY	5340	.5	.1	1.0	.7	1.00	186.90
94	271572X	109960	CNW	00099.00	FORT DODGE	0	16TH STREET S	527	.5	1.0	1.0	.7	.75	138.34
94	271574L	109950	CNW	NONE	FORT DODGE	0	S. 17TH ST & CENTRAL	840	.5	1.0	1.0	.7	.75	220.50
94	271575T	109940	CNW	NONE	FORT DODGE	0	18TH ST S	1655	.5	1.0	1.0	.7	.75	434.44
94	271576A	109930	CNW	NONE	FORT DODGE	0	19TH ST S.	745	.5	1.0	1.0	.7	.75	195.56
94	271577G	134590	CNW	NONE	FORT DODGE	0	20TH ST S	745	.5	1.0	1.0	.7	.75	195.56
94	271578N	000020	CNW	NONE	FORT DODGE	0	21 ST S	5200	.5	1.0	1.0	.7	.75	1365.00
94	271579V	000010	CNW	NONE	FORT DODGE	0	SO 25TH STREET	4100	3.0	.6	1.2	.7	.75	4649.40
94	271580P	134580	CNW	NONE	FORT DODGE	0	8TH AVE SOUTH	1752	3.0	.6	1.2	.7	.75	1986.77
94	271582D	134600	CNW	NONE	FORT DODGE	0	15TH AVE & S 22ND ST	2770	.5	1.0	1.0	.7	.75	727.13
94	271584S	109770	CNW	NONE	FORT DODGE	0	23RD ST S	527	.5	1.0	1.0	.7	.75	138.34
94	271585Y	109780	CNW	NONE	FORT DODGE	0	24TH ST S	527	.5	1.0	1.0	.7	.75	138.34
94	271586F	109790	CNW	NONE	FORT DODGE	0	25TH ST S.	527	.5	1.0	1.0	.7	.75	138.34
94	271587M	109800	CNW	NONE	FORT DODGE	0	26TH ST S.	527	.5	1.0	1.0	.7	.75	138.34
94	271588U	109810	CNW	NONE	FORT DODGE	0	27TH ST S	527	.5	1.0	1.0	.7	.75	138.34
94	271589B	109820	CNW	NONE	FORT DODGE	0	S 28TH ST	420	.5	1.0	1.0	.7	.75	110.25
94	271592J	129240	CNW	00000.40	FORT DODGE	1	SO 32ND ST	1991	.5	1.0	1.2	.7	.75	627.17
94	271600Y	028820	CNW	NONE	FORT DODGE	1	25E50S NW/C 34-89-28	1130	.5	1.0	1.0	.7	.80	316.40
31	306931N	094200	CC	00182.75	DUBUQUE	0	E. 7TH & WASHINGTON	200	4.0	1.0	1.0	.7	.75	999999.99



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31	306932V	094210	CC	00182.75	DUBUQUE	0	E. 2TH & WASHINGTON	50	4.0	1.0	1.0	.7	.75	999999.99
31	306933C	094220	CC	00182.78	DUBUQUE	0	E. 5TH & WASHINGTON	8590	4.0	.6	1.0	.7	.75	999999.99
31	306934J	094230	CC	00182.78	DUBUQUE	0	E. 7TH & JACKSON STS	200	4.0	1.0	1.0	.7	.75	999999.99
31	306935R	094240	CC	00182.78	DUBUQUE	0	8TH & JACKSON STS	50	4.0	1.0	1.0	.7	.75	999999.99
31	306936X	094250	CC	00183.23	DUBUQUE	0	E. 9TH & JACKSON	8590	4.0	1.0	1.0	.7	.75	999999.99
31	306937E	094260	CC	00182.78	DUBUQUE	0	E. 10TH & JACKSON	1600	4.0	1.0	1.0	.7	.75	999999.99
31	306938L	107780	CC	00183.07	DUBUQUE	0	FIRST-ST	300	22.0	.6	1.2	.7	1.00	3326.40
31	306939T	107770	CC	00183.20	DUBUQUE	0	JONES-ST	400	22.0	.6	1.0	.7	1.00	3696.00
31	306940M	094270	CC	00183.26	DUBUQUE	0	WATER ST. (SPUR)	50	.5	1.0	1.2	.7	.75	999999.99
31	306941U	094360	CC	00183.26	DUBUQUE	0	SOUTH LOCUST	17000	.5	1.0	1.0	.7	.75	999999.99
31	306942E	094280	CC	00183.35	DUBUQUE	0	WATER ST	50	.5	1.0	1.0	.7	.75	999999.99
31	306944P	094290	CC	00183.27	DUBUQUE	0	DODGE ST	16400	.5	1.0	1.0	.7	.75	4305.00
31	306948S	094310	CC	00183.43	DUBUQUE	0	CHARTER-ST	50	1.0	1.0	1.0	.7	.75	999999.99
31	306949Y	094320	CC	00183.52	DUBUQUE	0	CAMP-ST	50	.5	.6	1.0	.7	.75	999999.99
31	306950T	108120	CC	00183.61	DUBUQUE	0	RAILROAD AVE	100	.5	1.0	1.0	.7	.75	26.25
31	306952G	094350	CC	00185.68	DUBUQUE	1	10E10S NW/C 6-88-3E	102	9.0	1.0	1.0	.9	.80	660.96
31	306956J	108130	CC	00187.90	DUBUQUE	0	FREMONT-AVE	2650	8.0	.6	1.2	.9	.80	10990.08
31	306960Y	027320	CC	00191.44	DUBUQUE	1	50E80S NW/C 29-89-2	1630	8.0	.6	1.0	.9	.80	5633.28
31	306963L	094370	CC	00192.64	DUBUQUE	1	30E NW/C 31-89-2E	20	8.0	1.0	1.0	.9	.80	115.20
31	306970E	027290	CC	00196.94	PEOSTA	1	30E11S NW/C 10-88-1E	40	8.0	.8	1.0	.9	.80	184.32
31	306971L	027280	CC	00197.73	PEOSTA	0	MAIN ST.	594	8.0	.6	1.0	.9	.85	2181.17
31	306978J	027250	CC	00201.38	EPWORTH	1	89E46S NW/C 11-88-1	20	8.0	.8	1.0	.9	.80	92.16
31	306979F	054380	CC	00201.91	EPWORTH	0	FIRST-AVE-EAST	234	8.0	.6	1.0	.9	.85	859.25
31	306980K	027240	CC	00201.99	EPWORTH	0	CENTER AVE. NORTH	219	8.0	1.0	1.0	.9	.85	1340.28
31	306985U	027140	CC	00203.65	EPWORTH	1	60E37S NW/C 9-88-1	50	8.0	1.0	1.0	.9	.80	288.00

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31	306988P	109650	CC	00205.76	FARLEY	0	THIRD ST. NE	219	8.0	1.0	1.0	.9	.80	1261.44
31	306989W	094390	CC	00205.76	FARLEY	0	SECOND ST. NE	342	8.0	1.0	1.0	.9	.85	2093.04
31	306990R	027100	CC	00205.87	FARLEY	0	FIRST ST. NE	1155	8.0	.6	1.0	.9	.85	4241.16
31	306991X	109640	CC	00206.15	FARLEY	0	FIFTH ST. NW	392	8.0	1.0	1.0	.9	.85	2399.04
31	306992E	027090	CC	00206.61	FARLEY	1	75555 NW/C 12-88-2	35	8.0	1.0	1.0	.9	.80	201.60
31	306996G	027070	CC	00210.64	DYERSVILLE	1	25E79S NW/C 33-89-2	103	8.0	.6	1.2	.9	.80	427.16
31	306997N	012680	CC	00211.89	DYERSVILLE	0	11TH ST. S.E.	2650	8.0	.1	1.0	.9	.85	1744.20
31	306998V	108360	CC	00212.46	DYERSVILLE	0	3RD ST. N.E.	577	8.0	.6	1.0	.9	.85	2118.74
31	307001J	108330	CC	00212.91	DYERSVILLE	0	2ND ST. N.E.	1142	10.0	.1	1.0	.9	.85	873.63
31	307002R	094420	CC	00213.11	DYERSVILLE	0	5TH ST. N.W.	384	8.0	.6	1.0	.9	.80	1327.10
31	307003X	108320	CC	00213.11	DYERSVILLE	0	8TH STREET N.W.	384	8.0	1.0	1.0	.9	.80	2211.84
28	307004E	025970	CC	00213.69	DYERSVILLE	1	50E01S NW/C 36-89-3	326	8.0	.6	1.2	.9	.80	1351.99
28	307008G	025990	CC	00216.93	EARLVILLE	1	25E01S NW/C 33-89-3	208	8.0	.6	1.0	.9	.80	718.85
28	307012W	108590	CC	00219.69	EARLVILLE	1	N. FAIRVIEW DR.	150	8.0	1.0	1.0	.9	.85	918.00
28	307013D	108570	CC	00219.87	EARLVILLE	0	N. WINE ST.	219	8.0	1.0	1.0	.9	.85	1340.28
28	307014K	108560	CC	00220.12	EARLVILLE	0	WEST ST. WILLIAMS	219	8.0	1.0	1.0	.9	.85	1340.28
28	307015S	026000	CC	00220.19	EARLVILLE	0	NORTHERN AVE.	1410	8.0	.6	1.0	.9	.85	5177.52
28	307016Y	108580	CC	00220.39	EARLVILLE	0	PROSPECT-STREET	200	8.0	1.0	1.0	.9	.80	1152.00
28	307013M	026020	CC	00222.79	EARLVILLE	1	50E65S NW/C 33-89-4	44	8.0	1.0	1.0	.9	.80	253.44
28	307021V	106030	CC	00223.80	DELAWARE	0	THIRD ST.	34	10.0	1.0	1.0	.9	.80	244.80
28	307023J	026040	CC	00224.39	DELAWARE	1	56S NW/C 32-89-4	90	10.0	1.0	1.0	.9	.80	648.00
28	307024R	026050	CC	00225.33	DELAWARE	1	60S NW/C 31-89-4	32	10.0	1.0	1.0	.9	.80	230.40
28	307025X	006420	CC	00226.91	DELAWARE	1	50E18S NW/C 35-89-5	240	10.0	.1	1.0	.9	.80	172.80
28	307026E	113770	CC	00229.23	MANCHESTER	0	BAILEY DR.	2546	10.0	.6	1.0	.9	.80	10998.72
28	307027L	113760	CC	00229.59	MANCHESTER	0	WAYNE ST.	384	10.0	1.0	1.0	.9	.80	2764.80

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
26	307028T	113750	CC	00229.64	MANCHESTER	0	BREWER STREET	384	10.0	.6	1.0	.9	.80	1658.88
26	307029A	113740	CC	00229.71	MANCHESTER	0	TAMA ST.	384	10.5	.6	1.0	.9	.80	1741.82
26	307030U	113730	CC	00229.77	MANCHESTER	0	MADISON ST.	384	11.5	.6	1.0	.9	.80	1907.71
26	307031E	113720	CC	00230.00	MANCHESTER	0	SECOND ST.	577	14.0	1.0	1.0	.9	.85	6179.67
26	307032H	113710	CC	00230.05	MANCHESTER	0	THIRD ST.	384	14.0	.6	1.0	.9	1.00	2903.04
26	307033P	012550	CC	00230.18	MANCHESTER	0	FIFTH ST.	783	14.0	.6	1.0	.9	.85	5031.56
26	307043V	026060	CC	00236.03	MASONVILLE	1	50E20S NW/C 32-89-6	70	10.0	1.0	1.0	.9	.80	504.00
26	307044C	094090	CC	00236.53	MASONVILLE	1	25S NW/C 32-89-6	300	6.0	.6	1.0	.9	.80	777.60
26	307045J	094100	CC	00236.76	MASONVILLE	0	FRANCIS STREET	219	10.0	1.0	1.0	.9	.85	1675.35
26	307046R	094110	CC	00236.90	MASONVILLE	0	JOHN ST.	404	6.0	.6	1.0	1.0	.80	1163.52
10	307048E	009630	CC	00239.60	MASONVILLE	1	18S NW/C 35-89-7	830	10.0	.1	1.0	.9	.80	597.60
10	307052U	018500	CC	00241.62	WINTHROP	1	37S NW/C 33-89-7	35	10.0	1.0	1.0	.9	.85	267.75
10	307053B	018490	CC	00242.65	WINTHROP	1	63S NW/C 32-89-7	5	10.0	1.0	1.0	.9	.80	36.00
10	307054H	018480	CC	00243.96	WINTHROP	0	FIRST ST.	1290	10.0	.6	1.0	.9	.85	5921.10
10	307056W	125540	CC	00244.27	WINTHROP	0	SIXTH ST.	558	10.0	.6	1.0	.9	.85	2561.22
10	307059S	004340	CC	00245.20	WINTHROP	1	80E NW/C 3-88-8	15	10.0	1.0	2.0	.9	.80	216.00
10	307061T	091990	CC	00246.30	WINTHROP	1	70E NW/C 4-88-8	15	10.0	1.0	1.0	.9	.80	108.00
10	307062A	018470	CC	00246.68	WINTHROP	1	09E91S NW/C 34-89-8	75	10.0	1.0	1.0	.9	.80	540.00
10	307063G	018460	CC	00248.23	WINTHROP	1	75E20S NW/C 32-89-8	80	10.0	1.0	1.0	.9	.80	576.00
10	307064N	018450	CC	00249.01	INDEPENDENCE	1	15S NW/C 32-89-8	106	10.0	.6	1.0	.9	.80	457.92
10	307066C	018440	CC	00250.30	INDEPENDENCE	1	68E20S NW/C 36-89-9	40	10.0	.6	1.0	.9	.80	172.80
10	307067J	111270	CC	00251.88	INDEPENDENCE	0	ELEVENTH AVE N.E.	625	10.0	1.0	1.0	.9	.80	4500.00
10	307068R	111260	CC	00252.06	INDEPENDENCE	0	EIGHTH AVE N.E.	580	10.0	.1	1.0	.9	.85	443.70
10	307069X	005440	CC	00252.30	INDEPENDENCE	0	FIFTH AVE N.E.	5600	11.0	.6	1.0	.9	.85	28274.40
10	307070S	111230	CC	00252.52	INDEPENDENCE	0	SECOND AVE N.E.	1760	11.0	.6	1.0	.9	.85	8886.24



EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
10	307071Y	111230	CC	00252.52	INDEPENDENCE	0	SECOND AVE N.E.	1760	.5	1.0	1.0	.7	.75	999999.99
10	307075B	018260	CC	00254.15	INDEPENDENCE	1	38S NW/C 33-89-9	560	10.0	.6	1.0	.9	.80	2419.20
10	307076H	018250	CC	00255.02	INDEPENDENCE	1	35S NW/C 32-89-9	100	10.0	1.0	1.0	.9	.80	720.00
10	307077P	018240	CC	00256.10	INDEPENDENCE	1	45S NW/C 31-89-9	34	10.0	1.0	1.0	.9	.80	244.80
10	307079D	018230	CC	00257.12	JESUP	1	40S NW/C 36-89-10	95	11.0	.6	1.0	.9	.80	451.44
10	307082L	018220	CC	00259.10	JESUP	1	48S NW/C 34-89-10	44	10.0	1.0	1.0	.9	.80	316.80
10	307083T	018210	CC	00260.10	JESUP	1	54S NW/C 33-89-10	55	10.0	1.0	1.0	.9	.85	420.75
10	307084A	094170	CC	00260.90	JESUP	0	TENTH ST.	219	11.5	.1	1.0	.9	.85	192.67
10	307085G	094180	CC	00261.10	JESUP	0	MAIN ST.	878	11.0	.6	1.0	.9	.85	4433.02
10	307086N	012390	CC	00261.20	JESUP	0	SIXTH ST.	1200	11.0	.1	1.0	.9	.85	1009.80
10	307087V	018200	CC	00261.28	JESUP	0	FIFTH ST.	219	11.5	.1	1.0	.9	.85	192.67
10	307088C	094190	CC	00261.60	JESUP	0	FIRST ST.	219	10.5	.6	1.0	.9	.80	993.38
07	307092S	011110	CC	00264.13	JESUP	1	70S NW/C 35-89-11	130	10.0	1.0	1.0	.9	.80	936.00
07	307095M	017890	CC	00265.14	JESUP	1	65S NW/C 34-89-11	26	10.0	1.0	1.0	.9	.80	187.20
07	307097B	017880	CC	00266.13	RAYMOND	1	75S NW/C 33-89-11	1150	10.0	.6	1.0	.9	.80	4968.00
07	307099P	017870	CC	00267.15	RAYMOND	1	85S NW/C 32-89-11	51	10.0	1.0	1.0	.9	.80	367.20
07	307101N	017860	CC	00268.18	RAYMOND	1	97S NW/C 31-89-11	90	10.0	1.0	1.0	.9	.80	648.00
07	307103C	017850	CC	00268.94	RAYMOND	0	LAFAYETTE ST.	143	10.0	1.0	1.0	.9	.80	1029.60
07	307104J	017830	CC	00269.27	RAYMOND	0	WASHINGTON&3RD ST	1400	10.0	.6	1.0	.9	.80	6048.00
07	307105R	017820	CC	00270.75	RAYMOND	1	56E NW/C 4-88-12	1025	10.0	.1	1.2	.9	.80	885.60
07	307106X	017810	CC	00271.10	ELK RUN HEIGHTS	0	DOUGLAS ROAD	53	10.0	1.0	1.0	.9	.80	381.60
07	307107E	017800	CC	00271.36	ELK RUN HEIGHTS	0	GILBERTVILLE ROAD	1851	10.0	.6	1.0	.9	.80	7996.32
07	307110M	017580	CC	00273.02	WATERLOO	0	EVANS ROAD	606	10.0	1.0	1.0	.9	.85	4635.90
07	307112B	017570	CC	00273.37	WATERLOO	0	OSAGE RD.	296	10.0	1.0	1.2	.9	.85	2717.28
07	307113H	128790	CC	00274.13	WATERLOO	0	DEARBORN ST.	516	10.0	1.0	1.0	.9	.85	3947.40

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
07	307114P	127000	CC	00274.27	WATERLOO	0	IDAHO ST	1931	10.0	.1	1.0	.9	.85	1477.22
07	307115W	123840	CC	00274.54	WATERLOO	0	COLORADO	480	10.0	1.0	1.0	.9	.85	3672.00
07	307116D	123850	CC	00274.68	WATERLOO	0	POLK ST.	516	18.0	1.0	1.2	.7	.85	6631.63
07	307117K	123860	CC	00274.71	WATERLOO	0	NEVADA ST.	1904	18.0	.1	1.2	.7	.85	2447.02
07	307118Y	123880	CC	00275.11	WATERLOO	0	GLENWOOD	2400	60.0	.1	1.2	.7	.85	10281.60
07	307120T	123890	CC	00275.28	WATERLOO	0	MOBILE-VINE	516	60.0	.1	1.0	.7	.85	1842.12
07	307122G	123900	CC	00275.95	WATERLOO	0	EAST 4TH ST.	6791	60.0	.6	1.0	.7	.85	145463.22
07	307124V	128330	CC	00276.30	WATERLOO	0	LOGAN AVE	1285	30.0	.6	1.0	.7	.85	13762.35
07	307125C	091320	CC	00276.45	WATERLOO	0	RIEHL-CONGER	516	30.0	.6	1.0	.7	.85	5526.36
07	307126J	128110	CC	00273.14	WATERLOO	0	N. OF EVAN RD SPUR	10200	1.0	.6	1.0	.7	.75	3213.00
07	307127R	128810	CC	00273.14	WATERLOO	0	LAFAYETTE ST.	2539	1.0	1.0	1.2	.7	.75	1599.57
07	307130Y	128780	CC	00273.14	WATERLOO	0	CALIFORNIA AVE	174	1.0	1.0	1.0	.7	.75	91.35
07	307131F	128830	CC	00273.14	WATERLOO	0	NEVADA ST.	528	1.0	1.0	1.0	.7	.75	277.20
07	307132M	124210	CC	00273.14	WATERLOO	0	DUNHAM PLACE	727	2.0	1.0	1.0	.7	.75	763.35
07	307136P	128840	CC	00273.14	WATERLOO	0	VINTON ST.	3080	10.0	1.0	1.0	.7	.75	16170.00
07	307137W	124150	CC	00273.14	WATERLOO	0	VINTON ST.	3080	10.0	1.0	1.0	.7	.75	16170.00
07	307138D	124000	CC	00274.87	WATERLOO	0	LINDEN AVENUE	516	2.0	.6	1.0	.7	.75	325.08
07	307139K	037440	CC	00274.98	WATERLOO	0	RHEY STREET	516	2.0	.6	1.0	.7	.75	325.08
07	307140E	124010	CC	00275.07	WATERLOO	0	VINTON ST.	5467	2.0	.6	1.2	.7	.75	4133.05
07	307141L	124020	CC	00275.11	WATERLOO	0	FOWLER ST.	93	4.0	1.0	1.2	.7	.75	234.36
07	307142T	124030	CC	00275.20	WATERLOO	0	FRANKLIN ST.	14800	4.0	.6	1.2	.7	.75	22377.60
07	307143A	124040	CC	00275.28	WATERLOO	0	MULBERRY ST.	516	4.0	1.0	1.0	.7	.75	1083.60
07	307144G	124050	CC	00275.33	WATERLOO	0	ELM ST.	1059	4.0	.6	1.2	.7	.75	1601.21
07	307145N	124060	CC	00275.36	WATERLOO	0	EAST LAFAYETTE ST	9771	4.0	.6	1.2	.7	.75	14773.75
07	307147C	124070	CC	00275.45	WATERLOO	0	SYCAMORE	3441	4.0	.6	1.2	.7	.75	5202.79

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
07	307148J	124080	CC	00275.66	WATERLOO	0	EAST ELEVENTH ST.	15483	12.0	.6	1.0	.7	.75	58525.74
07	307149R	129920	CC	00275.73	WATERLOO	0	EAST TENTH STREET	1059	.5	1.0	1.0	.7	.75	277.99
07	307150K	129930	CC	00275.80	WATERLOO	0	EAST NINTH STREET	1059	.5	1.0	1.0	.7	.75	277.99
07	307151S	129940	CC	00275.90	WATERLOO	0	8TH	1059	.5	1.0	2.0	.7	.75	555.98
07	307152Y	129950	CC	00275.95	WATERLOO	0	WATER STREET	15483	.5	1.0	1.2	.7	.75	4877.15
07	307155U	094070	CC	00276.42	WATERLOO	0	E. FIRST ST.	10400	.5	1.0	1.0	.7	.75	2730.00
07	307156B	124100	CC	00276.48	WATERLOO	0	EAST MULLEN AVE.	13100	.5	1.0	1.0	.7	.75	3438.75
07	307158P	124140	CC	00276.70	WATERLOO	0	UTICA-W.LAFAYETTE	2539	.5	.6	1.0	.7	.75	399.89
07	307159W	124130	CC	00276.82	WATERLOO	0	MULBERRY ST.	1763	.5	1.0	1.0	.7	.75	462.79
07	307160R	124120	CC	00276.95	WATERLOO	0	BROADWAY AT UTICA	15300	.5	.6	1.0	.7	.75	2409.75
07	307161X	090470	CC	00276.96	WATERLOO	0	PARK RD.& HARRISON	841	.5	.6	1.0	.7	.75	132.46
07	307162E	124110	CC	00276.12	WATERLOO	0	LINCOLN ST.	516	.5	1.0	1.0	.7	.75	135.45
07	307164T	123980	CC	00276.29	WATERLOO	0	EDWARDS ST.	936	.5	1.0	1.0	.7	.75	245.70
07	307165A	123970	CC	00276.35	WATERLOO	0	CENTER ST.	516	.5	.6	1.0	.7	.75	81.27
07	307166G	123920	CC	00276.54	WATERLOO	0	LINCOLN STREET	516	16.0	1.0	1.2	.9	1.00	8916.48
07	307167N	123930	CC	00276.58	WATERLOO	0	DAWSON STREET	516	16.0	1.0	1.2	.9	1.00	8916.48
07	307168V	123940	CC	00276.63	WATERLOO	0	COLUMBIA STREET	516	16.0	1.0	1.0	.9	1.00	7430.40
07	307171D	037430	CC	00276.86	WATERLOO	0	PARKER STREET	3980	20.0	.1	1.2	.9	1.00	8596.80
07	307172K	123960	CC	00277.14	WATERLOO	0	GRANDVIEW AVENUE	727	20.0	1.0	1.2	.9	1.00	15703.20
07	307173S	128770	CC	00277.62	WATERLOO	0	BURTON AVENUE	3755	20.0	.1	1.2	.9	1.00	8110.80
07	307174Y	017300	CC	00277.98	WATERLOO	0	WEST DONALD ST.	3344	20.0	.1	1.0	.9	1.00	6019.20
07	307175F	123950	CC	00278.30	WATERLOO	0	BROADWAY ST	13300	.5	1.0	1.0	.7	.75	3491.25
07	307177U	005030	CC	00278.96	WATERLOO	0	WAGNER ROAD	1085	14.0	.6	1.2	.9	.80	7874.50
07	307180C	010750	CC	00279.57	WATERLOO	0	AIRLINE HWY	3430	10.0	.1	2.0	.9	.80	4939.20
07	307181J	017210	CC	00280.30	WATERLOO	0	AIRPORT ROAD ACC	3016	10.0	.6	1.0	.9	.80	13029.12



EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
07	307182R	017200	CC	00281.11	WATERLOO	0	LEVERSEE ROAD	5467	10.0	1.0	1.0	.9	1.00	49203.00
07	307183X	095990	CC	00281.76	CEDAR FALLS	0	INDEPENDENCE ROAD	1442	7.0	.1	1.0	.9	.80	726.77
07	307184E	101380	CC	00282.20	CEDAR FALLS	0	LOGAN STREET	1325	7.0	1.0	1.0	.9	.80	6678.00
07	307185L	101390	CC	00282.55	CEDAR FALLS	0	MAIN STREET	2346	7.0	.6	1.2	.9	.80	8513.16
07	307187A	090560	CC	00282.62	CEDAR FALLS	0	LINCOLN STREET	4135	.5	1.0	1.2	.7	.75	1302.53
07	307188G	130000	CC	00282.62	CEDAR FALLS	0	GREELY	527	.5	.1	1.0	.7	.75	999999.99
07	307189N	090490	CC	00282.87	CEDAR FALLS	0	FRANKLIN ST.	12200	7.0	.6	1.0	.9	.80	36892.80
07	307202A	017070	CC	00288.81	NEW HARTFORD	1	75S NW/C 31-90-14	85	7.0	1.0	1.0	.9	.80	428.40
12	307206C	019560	CC	00291.08	NEW HARTFORD	1	10E55S NW/C 35-90-15	100	7.0	1.0	1.2	.9	.80	604.80
12	307207J	019550	CC	00292.09	NEW HARTFORD	1	40S NW/C 34-90-15	880	7.0	.6	1.0	.9	.80	2661.12
12	307208R	094140	CC	00292.57	NEW HARTFORD	0	MILL STREET	342	7.0	1.0	1.0	.9	.85	1831.41
12	307209X	094150	CC	00292.62	NEW HARTFORD	0	PACKWAUKEE STREET	342	7.0	1.0	1.0	.9	.85	1831.41
12	307210S	096080	CC	00293.08	NEW HARTFORD	1	25S NW/C 33-90-15	790	7.0	1.0	1.0	.9	.85	4230.45
12	307211Y	019530	CC	00294.12	NEW HARTFORD	1	35S NW/C 32-90-15	75	7.0	1.0	1.0	.9	.80	378.00
12	307215B	019510	CC	00296.17	NEW HARTFORD	1	15S NW/C 36-90-16	160	7.0	1.0	1.0	.9	.80	806.40
12	307221E	019500	CC	00298.17	PARKERSBURG	1	70S NW/C 27-90-16	590	7.0	.6	1.0	.9	.85	1895.67
12	307223T	019500	CC	00298.17	PARKERSBURG	1	70S NW/C 27-90-16	590	.5	1.0	1.0	.7	.75	154.88
12	307224A	033470	CC	00299.55	PARKERSBURG	1	82E35S NW/C 29-90-16	15	7.0	1.0	1.0	.9	.80	75.60
12	307227V	118240	CC	00301.06	PARKERSBURG	0	SECOND STREET	421	7.0	1.0	1.0	.9	.85	2254.46
12	307228C	118230	CC	00301.13	PARKERSBURG	0	THIRD STREET	342	7.0	1.0	1.0	.9	.85	1831.41
12	307229J	012050	CC	00301.30	PARKERSBURG	0	6TH ST	2340	7.0	.6	1.0	.9	.80	7076.16
12	307231K	019490	CC	00302.30	PARKERSBURG	1	30S NW/C 25-90-17	32	7.0	1.0	1.0	.9	.80	161.28
12	307234F	019480	CC	00303.29	APLINGTON	1	25S NW/C 26-90-17	45	7.0	1.0	1.0	.9	.80	226.80
12	307236U	019470	CC	00304.33	APLINGTON	1	20S NW/C 27-90-17	90	7.0	1.0	1.0	.9	.80	453.60
12	307238H	094160	CC	00305.60	APLINGTON	0	FOURTH STREET	113	7.0	1.0	1.0	.9	.80	569.52

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
12	307239P	098060	CC	00306.05	APLINGTON	0	NINTH STREET	342	7.0	1.0	1.0	.9	.85	1831.41
12	307240J	019460	CC	00306.45	APLINGTON	0	TENTH STREET	1200	7.0	.6	1.0	.9	.85	3855.60
12	307244L	019450	CC	00308.33	APLINGTON	1	70S NW/C 24-90-18	64	7.0	1.0	1.0	.9	.80	322.56
12	307245T	019440	CC	00308.88	APLINGTON	1	50E65S NW/C 23-90-18	10	7.0	1.0	1.0	.9	.80	50.40
12	307247G	019410	CC	00309.92	APLINGTON	1	40E05S NW/C 27-90-18	840	7.0	.6	1.0	.9	.85	2698.92
12	307249V	019420	CC	00310.05	APLINGTON	1	50E05S NW/C 27-90-18	840	7.0	1.0	1.0	.9	.85	4498.20
12	307251W	019390	CC	00311.77	ACKLEY	1	NW/C 33-90-18	85	7.0	1.0	1.0	.9	.80	428.40
42	307258U	097230	CC	00315.48	ACKLEY	0	CERRO-GORDO ST	219	7.0	1.0	1.0	.9	.80	1103.76
42	3072598	097220	CC	00315.59	ACKLEY	0	FRANKLIN STREET	1598	7.0	.6	1.0	.9	.80	4832.35
42	307260V	071140	CC	00315.63	ACKLEY	0	WORTH	200	7.0	1.0	1.0	.9	.85	1071.00
42	307262J	071150	CC	00316.69	ACKLEY	1	50E60S NW/C 3-89-19	50	7.0	1.0	1.0	.9	.80	252.00
42	307265E	071160	CC	00319.28	ACKLEY	1	25S NW/C 8-89-19	30	7.0	1.0	1.0	.9	.80	151.20
42	307266L	071170	CC	00320.27	ACKLEY	1	35S NW/C 7-89-19	200	7.0	.6	1.0	.9	.85	642.60
42	307274D	006900	CC	00323.34	IOWA FALLS	1	90S NW/C 10-89-20	670	7.0	.6	1.0	.9	.85	2152.71
42	307275K	071180	CC	00324.31	IOWA FALLS	1	20S NW/C 16-89-20	39	7.0	1.0	1.0	.9	.85	208.85
42	307277Y	096220	CC	00325.33	IOWA FALLS	1	35S NW/C 17-89-20	110	7.0	1.0	1.0	.9	.85	589.05
42	307278F	111450	CC	00325.49	IOWA FALLS	0	EAST 2ND ST.	76	7.0	1.0	1.0	.9	.85	406.98
42	307279M	111460	CC	00325.71	IOWA FALLS	0	WEST 2ND ST.	250	7.0	1.0	1.0	.9	.80	1260.00
42	307280G	111490	CC	00325.86	IOWA FALLS	0	COMMERCIAL STREET	367	7.0	1.0	1.0	.9	.85	1965.29
42	307281N	111530	CC	00326.05	IOWA FALLS	0	ROCKSYLVANIA	3012	7.0	.6	1.2	.9	.85	11613.07
42	307282V	111540	CC	00326.38	IOWA FALLS	0	PARK AVENUE	800	7.0	1.0	1.0	.9	.80	4032.00
42	307284J	091980	CC	00327.06	IOWA FALLS	0	RIVER STREET	83	7.0	1.0	1.0	.9	.80	418.32
42	307286X	071190	CC	00328.04	IOWA FALLS	1	70E20S NW/C 23-89-21	98	7.0	1.0	1.0	.9	.80	493.92
42	307289T	071200	CC	00329.63	ALDEN	1	55S NW/C 22-89-21	40	7.0	1.0	1.0	.9	.80	201.60
42	307291U	071210	CC	00330.77	ALDEN	1	65S NW/C 21-89-21	10	7.0	1.0	1.0	.9	.80	50.40

## EXPOSURE INDEX LIST BY FRA NUMBER

CITY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
42	307293H	071220	CC	00331.67	ALDEN	1	70S NW/C 20-89-21	30	7.0	1.0	1.0	.9	.80	151.20
42	307294P	006860	CC	00332.75	ALDEN	1	75S NW/C 19-89-21	910	7.0	.6	1.0	.9	.85	2923.83
42	307297K	071230	CC	00334.83	ALDEN	1	99S NW/C 23-89-22	45	7.0	1.0	1.0	.9	.80	226.80
42	307298S	071240	CC	00335.30	ALDEN	1	50E NW/C 27-89-22	24	7.0	1.0	1.0	.9	.80	120.96
42	307302E	071250	CC	00337.30	WILLIAMS	1	50E25S NW/C 29-89-22	65	7.0	1.0	1.0	.9	.80	327.60
42	307306G	071260	CC	00338.87	WILLIAMS	1	40S NW/C 30-89-22	25	7.0	1.0	1.0	.9	.80	126.00
40	307307N	071880	CC	00388.30	WILLIAMS	1	55S NW/C 25-89-23	44	7.0	1.0	1.0	.9	.80	221.76
40	307309C	134830	CC	00339.86	WILLIAMS	0	N. MAIN	553	7.0	1.0	1.0	.9	.85	2961.32
40	307313S	071890	CC	00342.39	WILLIAMS	1	95S NW/C 28-89-23	45	7.0	1.0	1.0	.9	.80	226.80
40	307314Y	071900	CC	00342.86	WILLIAMS	1	30E NW/C 32-89-23	50	7.0	1.0	1.0	.9	.80	252.00
40	307316M	071910	CC	00344.90	BLAIRSEURG	1	15S NW/C 31-89-23	25	7.0	1.0	1.0	.9	.80	126.00
40	307319H	092960	CC	00346.23	BLAIRSEURG	0	LAKE STREET	727	7.0	.6	1.0	.9	.85	2335.85
40	307320C	071930	CC	00347.91	BLAIRSEURG	1	40S NW/C 34-89-24	70	7.0	1.0	1.0	.9	.80	352.80
40	307321J	071940	CC	00348.93	BLAIRSEURG	1	50S NW/C 33-89-24	24	7.0	1.0	1.0	.9	.80	120.96
40	307322R	071950	CC	00349.95	BLAIRSEURG	1	65S NW/C 32-89-24	280	7.0	1.0	1.0	.9	.80	1411.20
40	307324E	071960	CC	00350.95	WEBSTER CITY	1	80S NW/C 31-89-24	10	7.0	1.0	1.0	.9	.80	50.40
40	307329N	071970	CC	00353.22	WEBSTER CITY	1	70E98S NW/C 34-89-25	230	7.0	.6	1.0	.9	.80	695.52
40	307335S	124890	CC	00355.38	WEBSTER CITY	0	DES MOINES STREET	500	.5	1.0	1.0	.7	.75	131.25
40	307336Y	124890	CC	00355.38	WEBSTER CITY	0	DES MOINES STREET	3800	7.0	.1	1.0	.9	.85	2034.90
40	307337F	124910	CC	00355.49	WEBSTER CITY	0	PROSPECT STREET	600	7.0	.6	1.0	.7	.85	1927.80
40	307338M	124960	CC	00355.63	WEBSTER CITY	0	BROADWAY STREET	2270	7.0	.1	1.0	.9	.85	1215.59
40	307339U	124970	CC	00355.75	WEBSTER CITY	0	GROVE STREET	200	7.0	.1	1.0	.9	.85	107.10
40	307342C	071980	CC	00357.00	WEBSTER CITY	0	15E01S NW/C 2-88-26	627	7.0	.1	1.0	.9	.85	335.76
40	307343J	071990	CC	00357.85	WEBSTER CITY	1	25E01S NW/C 3-88-26	28	7.0	1.0	1.0	.9	.80	141.12
40	307344R	072000	CC	00358.61	WEBSTER CITY	1	50E01S NW/C 4-88-26	35	7.0	1.0	1.0	.9	.80	176.40



EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	FR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
40	307346E	072010	CC	00359.62	WEBSTER CITY	1	50E01S NW/C 5-88-26	2270	7.0	.6	1.0	.9	.80	6364.48
40	307348T	092060	CC	00361.00	DUNCOMBE	1	01S NW/C 6-88-26	65	7.0	1.0	1.0	.9	.80	327.60
94	307351B	070840	CC	00362.00	DUNCOMBE	1	01S NW/C 1-88-27	10	7.0	1.0	1.0	.9	.80	50.40
94	307352H	070850	CC	00363.00	DUNCOMBE	1	01S NW/C 2-88-27	24	7.5	1.0	1.0	.9	.85	137.70
94	307353P	108190	CC	00364.03	DUNCOMBE	0	SIMPSON STREET	835	7.5	.1	1.0	.9	.85	479.08
94	307355D	108200	CC	00364.47	DUNCOMBE	0	BOISE STREET	219	7.5	1.0	1.0	.9	.85	1256.51
94	307356K	017280	CC	00365.46	DUNCOMBE	1	50E NW/C 34-89-27	38	1.0	1.0	1.0	.7	.75	19.95
94	307360A	070870	CC	00366.06	DUNCOMBE	1	NW/C 5-88-27	20	7.5	1.0	1.0	.9	.80	108.00
94	307362N	070880	CC	00366.99	DUNCOMBE	1	NW/C 6-88-27	10	7.5	1.0	1.0	.9	.85	57.38
94	307363V	070890	CC	00369.11	DUNCOMBE	1	85E05S NW/C 3-88-28	35	7.5	1.0	1.0	.9	.80	189.00
94	307364C	070790	CC	00370.08	FORT DODGE	1	80E NW/C 4-88-28	64	7.5	1.0	1.0	.9	.80	345.60
94	307366R	070910	CC	00371.11	FORT DODGE	1	80S NW/C 35-89-28	2826	7.5	.6	1.0	.9	.85	9728.51
94	307370F	070920	CC	00371.62	FORT DODGE	1	50E70S NW/C 34-89-28	1130	7.5	.6	1.0	.9	.85	3890.03
94	307373B	070930	CC	00372.02	FORT DODGE	1	15E60S NW/C 34-89-28	70	7.5	1.0	1.0	.9	.80	378.00
94	307378K	094450	CC	00374.70	FORT DODGE	0	COMMERCE ST.	140	.5	1.0	2.0	.7	.75	999999.99
94	307379S	110070	CC	00374.70	FORT DODGE	0	SIXTH STREET	700	.5	1.0	1.0	.7	.75	999999.99
94	307385V	110080	CC	00375.30	FORT DODGE	0	1ST AVE SO.	160	23.0	1.0	1.0	.7	.85	2189.60
94	307386C	110100	CC	00375.40	FORT DODGE	0	CENTRAL AVE.	1210	23.0	.6	1.0	.7	.85	9935.31
94	307387J	110110	CC	NONE	FORT DODGE	0	NORTH 1ST ST.	600	.5	1.0	2.0	.7	.75	999999.99
94	307390S	110120	CC	NONE	FORT DODGE	0	NORTH FIRST ST.	600	.5	1.0	1.2	.7	.75	189.00
94	307391Y	110130	CC	NONE	FORT DODGE	0	E. RIVERSIDE DR.	600	.5	1.0	1.2	.7	.75	189.00
94	307393M	110170	CC	00375.80	FORT DODGE	0	HAWKEYE & 7TH AVE.	5920	.5	1.0	1.2	.7	.75	1864.80
94	307401C	070940	CC	00379.61	FORT DODGE	1	45S NW/C 27-89-29	55	8.5	1.0	1.0	.7	.80	261.80
94	307403R	070950	CC	00381.16	BARNUM	1	45E16S NW/C 29-89-29	55	6.5	1.0	1.0	.8	.80	238.80
94	307406L	071000	CC	00384.68	BARNUM	0	EAST ST.	220	1.0	.6	1.0	.8	.85	89.76

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
94	307407T	070990	CC	00384.75	BARNUM	0	CENTER ST.	392	1.0	1.0	1.0	.7	.75	205.80
94	307403A	070990	CC	00384.75	BARNUM	0	CENTER ST.	392	1.0	.6	1.0	.8	.80	150.53
94	307409G	098390	CC	00384.93	BARNUM	0	WEST ST	240	1.0	1.0	1.0	.8	.80	153.60
94	307410B	071010	CC	00385.74	BARNUM	1	40S NW/C 22-89-30	250	1.0	.6	1.0	.8	.80	96.00
94	307414D	071020	CC	00387.48	BARNUM	1	25E 25S NW/C20-89-30	44	1.0	1.0	1.0	.8	.80	28.16
13	307418F	021080	CC	00389.79	MANSON	1	80S NW/C 13-89-31	65	1.0	1.0	1.0	.8	.80	41.60
13	307421N	021090	CC	00391.81	MANSON	1	50S NW/C 15-89-31	54	1.0	1.0	1.0	.8	.80	34.56
13	307422V	021100	CC	00392.82	MANSON	1	40S NW/C 16-89-31	162	1.0	1.0	1.0	.8	.80	103.68
13	307423C	114000	CC	00393.28	MANSON	0	15TH ST	219	1.0	1.0	1.0	.8	.85	148.92
13	307424J	021110	CC	00393.48	MANSON	0	MAIN	1299	1.0	.6	1.0	.8	.85	529.99
13	307425R	021110	CC	00393.48	MANSON	0	MAIN STREET	1299	1.0	1.0	1.0	.7	.75	999999.99
13	307427E	021120	CC	00393.80	MANSON	0	8TH ST	1170	1.0	.6	1.0	.8	.80	449.28
13	307429T	021150	CC	00394.85	MANSON	1	05S NW/C 18-89-31	53	1.0	1.0	1.0	.8	.80	33.92
13	307430M	021160	CC	00395.20	MANSON	1	60E NW/C 13-89-32	125	1.0	1.0	2.0	.8	.80	160.00
13	307433H	021170	CC	00395.87	MANSON	1	90S NW/C 12-89-32	28	1.0	1.0	1.0	.8	.80	17.92
13	307434P	021180	CC	00396.85	MANSON	1	65S NW/C 11-89-32	35	1.0	1.0	1.0	.8	.80	22.40
13	307437K	021190	CC	00397.88	POMEROY	1	40S NW/C 10-89-32	20	1.0	1.0	1.0	.8	.80	12.80
13	307439Y	021200	CC	00398.91	POMEROY	1	22S NW/C 9-89-32	20	1.0	1.0	1.0	.8	.80	12.80
13	307441A	006060	CC	00399.49	POMEROY	1	40E NW/C 8-89-32	56	1.0	1.0	1.2	.8	.80	43.01
13	307442G	021210	CC	00399.95	POMEROY	1	88S NW/C 5-89-32	31	1.0	1.0	1.0	.8	.80	19.84
13	307446J	134940	CC	00401.25	POMEROY	0	CAYUGA ST	219	1.0	1.0	1.0	.8	.85	148.92
13	307447R	118760	CC	00401.32	POMEROY	0	ONTARIO ST.	483	1.0	1.0	1.0	.8	.85	328.44
13	307448X	021220	CC	00401.51	POMEROY	0	SENECA ST.	380	1.0	1.0	1.0	.8	.85	258.40
13	307450Y	021230	CC	00403.03	POMEROY	1	15S NW/C 2-89-33	30	1.0	1.0	1.0	.8	.80	19.20
76	307451F	071030	CC	00404.05	FONDA	1	90S NW/C 34-90-33	198	1.0	.6	1.0	.8	.80	76.03

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
76	307452M	071040	CC	00405.08	FONDA	1	70S NW/C 33-90-33	51	1.0	1.0	1.0	.8	.80	32.64
76	307453U	071050	CC	00406.10	FONDA	1	45S NW/C 32-90-33	18	3.0	1.0	1.0	.8	.80	34.56
76	307454B	071060	CC	00407.20	FONDA	1	20S NW/C 31-90-33	33	1.0	1.0	1.0	.8	.80	21.12
76	307456F	071070	CC	00408.23	FONDA	1	97S NW/C 25-90-34	45	1.0	1.0	1.0	.8	.80	28.80
76	307458D	071080	CC	00409.26	FONDA	1	74S NW/C 26-90-34	39	1.0	1.0	1.0	.8	.85	26.52
76	307459K	071090	CC	00409.80	FONDA	0	MAIN ST.	1106	1.0	.6	1.0	.8	.85	451.25
76	307460E	109680	CC	00409.93	FONDA	0	VINE ST.	219	1.0	1.0	1.0	.8	.85	148.92
76	307461L	071100	CC	00410.29	FONDA	1	55S NW/C 27-90-34	610	1.0	.6	1.0	.8	.80	234.24
76	307463A	071110	CC	00411.33	FONDA	1	28S NW/C 28-90-34	30	1.0	1.0	1.0	.8	.80	19.20
76	307465N	071120	CC	00412.33	FONDA	1	06S NW/C 29-90-34	70	1.0	1.0	1.0	.8	.85	47.60
76	307467C	071130	CC	00413.40	FONDA	1	82S NW/C 19-90-34	20	1.0	1.0	1.0	.8	.80	12.80
11	307469F	076720	CC	00414.44	NEWELL	1	60S NW/C 24-90-35	13	1.0	1.0	1.0	.8	.80	8.32
11	307470K	076710	CC	00415.47	NEWELL	1	40S NW/C 23-90-35	30	1.0	1.0	1.0	.8	.80	19.20
11	307472Y	076700	CC	00416.51	NEWELL	1	14S NW/C 22-90-35	17	1.0	1.0	1.0	.8	.80	10.88
11	307474M	005930	CC	00417.14	NEWELL	1	40E NW/C 21-90-35	180	1.0	1.0	2.0	.8	.80	230.40
11	307475U	076690	CC	00417.57	NEWELL	1	ROGERS ROAD	430	1.0	.6	1.0	.8	.80	165.12
11	307476B	094120	CC	00417.79	NEWELL	0	CLARK ST.	392	1.0	1.0	1.0	.8	.85	266.56
11	307477H	076680	CC	00418.00	NEWELL	0	FULTON ST.	558	1.0	.6	1.0	.8	.85	227.66
11	307478P	076680	CC	00418.00	NEWELL	0	FULTON ST.	558	.5	1.0	1.0	.7	.75	999999.99
11	307480R	076670	CC	00418.56	NEWELL	1	ARMSTRONG RD.	250	1.0	.6	1.0	.8	.80	96.00
11	307482E	076660	CC	00420.61	NEWELL	1	20S NW/C 13-90-36	34	1.0	1.0	1.0	.8	.80	21.76
11	307484T	076650	CC	00421.67	NEWELL	1	01S NW/C 14-90-36	26	1.0	1.0	1.0	.8	.80	16.64
11	307486G	076200	CC	00422.69	STORM LAKE	1	80S NW/C 10-90-36	155	1.0	1.0	1.0	.8	.80	99.20
11	307487N	076640	CC	00422.98	STORM LAKE	1	75E22S NW/C 9-90-36	91	1.0	.6	1.0	.8	.85	37.13
11	307489C	076630	CC	00423.76	STORM LAKE	1	50S NW/C 9-90-36	44	1.0	1.0	1.0	.8	.80	28.16



EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
11	307490W	076620	CC	00424.76	STORM LAKE	1	35S NW/C 8-90-36	45	1.0	1.0	1.0	.8	.80	28.80
11	307491D	076610	CC	00425.80	STORM LAKE	1	03S NW/C 7-90-36	37	1.0	1.0	1.0	.8	.80	23.68
11	307494Y	076600	CC	00426.82	STORM LAKE	1	85S NW/C 1-90-37	980	1.0	.6	1.0	.8	.80	376.32
11	307501G	121920	CC	00427.95	STORM LAKE	0	SUPERIOR ST.	450	1.0	1.0	1.0	.8	.85	306.00
11	307502N	121930	CC	00428.03	STORM LAKE	0	HUDSON ST.	300	1.0	1.0	1.0	.8	.85	204.00
11	307503V	121940	CC	00428.11	STORM LAKE	0	ONEIDA ST.	800	1.0	1.0	1.0	.8	.85	544.00
11	307504C	121950	CC	00428.20	STORM LAKE	0	SENECA ST.	300	1.0	1.0	1.0	.8	.85	204.00
11	307505J	121960	CC	00428.27	STORM LAKE	0	CAYUGA ST.	500	1.0	1.0	1.0	.8	.85	340.00
11	307506R	090250	CC	00428.43	STORM LAKE	0	LAKE ST.	3500	1.0	.6	1.0	.8	.85	1428.00
11	307508E	121970	CC	00428.55	STORM LAKE	0	GENESEO ST.	300	1.0	1.0	1.0	.8	.85	204.00
11	307509L	121970	CC	00428.55	STORM LAKE	0	GENESEO ST.	300	.5	1.0	1.0	.7	.75	999999.99
11	307510F	121980	CC	00428.63	STORM LAKE	0	ONTARIO ST.	1000	1.0	1.0	1.0	.8	.85	680.00
11	307512U	090260	CC	00428.71	STORM LAKE	0	WEST FIFTH ST.	5500	1.0	.6	2.0	.8	.80	4224.00
11	307513B	122010	CC	00428.80	STORM LAKE	0	COLLEGE ST.	1300	1.0	1.0	1.0	.8	.80	832.00
11	307514H	122020	CC	00428.86	STORM LAKE	0	GRAND AVE.	1000	1.0	1.0	1.0	.8	.80	640.00
11	307515P	122030	CC	00428.94	STORM LAKE	0	VESTAL ST.	1200	1.0	1.0	1.0	.8	.80	768.00
11	307516W	122040	CC	00429.16	STORM LAKE	0	BARTON ST.	360	1.0	1.0	1.0	.8	.80	230.40
11	307517D	129450	CC	00429.50	STORM LAKE	0	NORTHWESTERN DR.	1280	1.0	.6	1.0	.8	.80	491.52
11	307518K	076590	CC	00430.03	STORM LAKE	1	75S NW/C 33-91-37	1300	1.0	.6	1.0	.8	.80	499.20
11	307520L	076580	CC	00431.10	STORM LAKE	1	25S NW/C 32-91-37	59	1.0	1.0	1.0	.8	.85	40.12
11	307522A	076570	CC	00432.21	ALTA	1	98S NW/C 30-91-37	79	1.0	1.0	1.0	.8	.80	50.56
11	307524N	076550	CC	00433.36	ALTA	1	40S NW/C 25-91-38	43	1.0	1.0	1.0	.8	.85	29.24
11	307525V	004540	CC	00433.88	ALTA	0	LAKE ST	558	1.0	1.0	1.0	.8	.85	379.44
11	307526C	097720	CC	00434.13	ALTA	0	MAIN ST.	450	1.0	.6	1.0	.8	.85	183.60
11	307527J	097720	CC	00434.13	ALTA	0	MAIN ST.	450	2.0	.6	1.0	.7	.75	999999.99

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
11	307528R	076540	CC	00434.39	ALTA	0	WEST HIGHWAY	1030	1.0	.6	1.0	.8	.85	420.24
11	307530S	076530	CC	00435.40	ALTA	1	85S NW/C 22-91-38	51	1.0	1.0	1.0	.8	.80	32.64
11	307531Y	076520	CC	00436.56	ALTA	1	40S NW/C 21-91-38	27	1.0	1.0	1.0	.8	.80	17.28
11	307532F	076510	CC	00437.25	ALTA	1	45E NW/C 20-91-38	10	1.0	1.0	1.2	.8	.80	7.68
11	307533M	076500	CC	00437.72	ALTA	1	75S NW/C 17-91-38	160	1.0	1.0	1.0	.8	.80	102.40
11	307534U	076490	CC	00438.85	AURELIA	1	32S NW/C 18-91-38	38	1.0	1.0	1.0	.8	.80	24.32
18	307536H	006150	CC	00439.93	AURELIA	1	95S NW/C 12-91-39	85	1.0	1.0	1.0	.8	.80	54.40
18	307537P	070400	CC	00440.90	AURELIA	1	93S NW/C 11-91-39	51	1.0	1.0	1.0	.8	.85	34.68
18	307539D	070410	CC	00441.50	AURELIA	0	MAIN	846	1.0	.6	1.0	.8	.85	345.17
18	307541E	070420	CC	00441.71	AURELIA	0	W 3RD ST	113	1.0	1.0	1.2	.8	.80	86.78
18	307542L	070430	CC	00442.15	AURELIA	1	25S NW/C 10-91-39	60	1.0	1.0	1.0	.8	.80	38.40
18	307543T	070440	CC	00442.59	AURELIA	1	50E NW/C 9-91-39	110	1.0	1.0	1.2	.9	.80	95.04
18	307545G	070450	CC	00443.25	AURELIA	1	80S NW/C 4-91-39	1	1.0	1.0	1.0	.8	.80	.64
18	307546N	003120	CC	00444.43	AURELIA	1	05S NW/C 5-91-39	30	1.0	1.0	1.0	.8	.80	19.20
18	307549J	070470	CC	00445.51	AURELIA	1	20S NW/C 6-91-39	109	1.0	1.0	1.0	.8	.80	69.76
18	307552S	070480	CC	00446.78	CHEROKEE	1	95S NW/C 1-91-40	65	1.0	1.0	1.2	.8	.80	49.92
18	307557B	036900	CC	00449.21	CHEROKEE	1	75S25E NW/C 3-91-40	264	1.0	1.0	1.0	.8	.85	179.52
18	307559P	136980	CC	00449.26	CHEROKEE	1	30E50S NW/C 3-91-40	119	.5	1.0	1.2	.7	.75	37.49
18	307567G	102260	CC	00449.70	CHEROKEE	0	LAKE ST.	600	1.0	.6	1.0	.8	.80	230.40
18	307573K	102140	CC	00450.79	CHEROKEE	0	ELM ST.	700	1.0	1.0	1.0	.8	.85	476.00
18	307574S	075230	CC	00450.93	CHEROKEE	0	MAIN ST.	4920	1.0	.6	1.0	.8	.85	2007.36
18	307575Y	102150	CC	00450.99	CHEROKEE	0	WILLOW ST.	1500	1.0	1.0	1.0	.8	.85	1020.00
18	307576F	102160	CC	00451.08	CHEROKEE	0	CEDAR ST.	4000	1.0	1.0	1.0	.8	.80	2560.00
18	307577M	102170	CC	00451.15	CHEROKEE	0	CHERRY ST.	1000	1.0	1.0	1.0	.8	1.00	800.00
18	307578U	134010	CC	00451.32	CHEROKEE	0	BLUFF ST.	2200	1.0	.6	1.0	.8	.80	844.80

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
18	307579B	070490	CC	00453.22	CHEROKEE	1	60E NW/C 21-92-40	120	1.0	1.0	1.0	.8	.80	76.80
18	307580V	070500	CC	00454.11	MERIDEN	1	15S NW/C 16-92-40	43	1.0	1.0	1.0	.8	.80	27.52
18	307582J	070510	CC	00455.39	MERIDEN	1	10S NW/C 17-92-40	60	1.0	1.0	1.0	.8	.80	38.40
18	307584X	070520	CC	00456.33	MERIDEN	1	98S NW/C 7-92-40	111	1.0	1.0	1.0	.8	.80	71.04
18	307585E	075240	CC	00456.95	MERIDEN	1	45E85S NW/C 12-92-41	353	1.0	.6	1.0	.8	.85	144.02
18	307586L	075240	CC	00456.95	MERIDEN	1	45E85S NW/C 12-92-41	353	.5	1.0	1.0	.7	.75	999999.99
18	307587T	070540	CC	00457.32	MERIDEN	1	70S NW/C 12-92-41	260	1.0	1.0	1.0	.8	.80	166.40
18	307588A	009280	CC	00458.28	MERIDEN	1	01E55S NW/C 11-92-41	1680	1.0	.6	1.0	.8	.80	645.12
18	307590B	070550	CC	00459.39	CLEGHORN	1	20S NW/C 10-92-41	400	1.0	1.0	1.0	.8	.80	256.00
18	307592F	070560	CC	00460.39	CLEGHORN	1	08S NW/C 9-92-41	39	1.0	1.0	1.0	.8	.80	24.96
18	307593W	070570	CC	00461.06	CLEGHORN	0	LEWIS AVE.	820	1.0	.6	1.0	.8	.85	334.56
18	307594D	070580	CC	00461.50	CLEGHORN	1	65S NW/C 5-92-41	270	1.0	1.0	1.0	.8	.80	172.80
18	307596S	070590	CC	00462.53	CLEGHORN	1	30S NW/C 6-92-41	12	1.0	1.0	1.0	.8	.80	7.68
18	307597Y	070600	CC	00463.54	CLEGHORN	1	10S NW/C 1-92-42	20	1.0	1.0	1.0	.8	.80	12.80
18	307598F	070610	CC	00464.56	MARCUS	1	97S NW/C 35-93-42	112	1.0	1.0	1.0	.8	.80	71.68
18	307599M	012180	CC	00465.61	MARCUS	1	AMES AVE	750	1.0	.6	1.0	.8	.80	288.00
18	307601L	114170	CC	00466.01	MARCUS	0	MAIN ST.	600	1.0	1.0	1.0	.8	.85	999999.99
18	307602T	137010	CC	00466.10	MARCUS	0	ALLEY-MAPLE&WALNUT	50	1.0	1.0	1.0	.8	.85	34.00
18	307603A	070620	CC	00466.01	MARCUS	1	65S NW/C 33-93-42	218	1.0	1.0	1.0	.8	.80	139.52
18	307604G	070630	CC	00466.10	MARCUS	1	70S NW/C 32-93-42	15	1.0	1.0	1.0	.8	.80	9.60
18	307605N	070640	CC	00466.60	MARCUS	1	75S NW/C 31-93-42	12	1.0	1.0	1.0	.8	.80	7.68
75	307607C	055110	CC	00469.67	MARCUS	1	01S NW/C 1-92-43	45	1.0	1.0	1.0	.8	.80	28.80
75	307610K	055100	CC	00470.67	REMSEN	1	28S NW/C 2-92-43	41	1.0	1.0	1.0	.8	.80	26.24
75	307611S	055090	CC	00471.68	REMSEN	1	18S NW/C 3-92-43	47	1.0	1.0	1.0	.8	.80	30.08
75	307614M	055080	CC	00473.84	REMSEN	1	34S NW/C 5-92-43	300	1.0	1.0	1.0	.8	.80	192.00



EXPOSURE INDEX LIST BY FRA NUMBER

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75	307615U	055070	CC	00474.54	REMSEN	0	WASHINGTON ST.	1200	1.0	.6	1.0	.8	.85	489.60
75	307616B	055070	CC	00474.54	REMSEN	0	WASHINGTON	1200	1.0	.6	1.0	.7	.75	378.00
75	307617H	055060	CC	00474.73	REMSEN	1	50S NW/C 6-92-43	380	1.0	.6	1.0	.8	.85	155.04
75	307623E	055050	CC	00476.82	OYENS	1	55S NW/C 2-92-44	16	1.5	1.0	1.0	.8	.80	15.36
75	307623L	055040	CC	00477.78	OYENS	1	45S NW/C 3-92-44	23	1.5	1.0	1.0	.8	.80	22.08
75	307624T	055030	CC	00478.81	OYENS	1	30S NW/C 4-92-44	680	1.5	.6	1.0	.8	.80	391.68
75	307628V	055020	CC	00479.80	OYENS	1	15S NW/C 5-92-44	45	1.5	1.0	1.0	.8	.80	43.20
75	307629C	095600	CC	00480.81	OYENS	1	95S NW/C 31-93-44	47	1.5	1.0	1.0	.8	.80	45.12
75	307631D	055000	CC	00481.91	LE MARS	1	18S NW/C 1-92-45	26	1.5	1.0	1.0	.8	.80	24.96
75	307632K	054990	CC	00483.18	LE MARS	1	96S NW/C 2-92-45	48	1.5	1.0	1.2	.8	.80	55.30
75	307634Y	113030	CC	00484.17	LE MARS	0	GOLF COURSE RD.	400	1.5	1.0	1.0	.8	.80	384.00
75	307635F	113040	CC	00484.43	LE MARS	0	S. GOLF COURSE RD.	100	1.5	1.0	1.0	.8	.85	102.00
75	307636M	112870	CC	00484.76	LE MARS	0	FOURTH AVE N.E.	1870	1.5	1.0	1.0	.8	.85	1907.40
75	307637U	112860	CC	00484.91	LE MARS	0	FIRST ST. N.E.	3250	4.5	.6	1.2	.8	.85	7160.40
75	307638B	014500	CC	00485.01	LE MARS	0	PLYMOUTH ST.	7370	4.5	.6	1.2	.8	.85	16237.58
75	307639H	112890	CC	00485.14	LE MARS	0	CENTRAL AVE	5700	4.5	.6	1.2	.8	.85	12558.24
75	307640C	112900	CC	00485.24	LE MARS	0	FIRST AVE. WEST	500	4.5	.6	1.2	.8	.85	1101.60
75	307641J	112900	CC	00485.24	LE MARS	0	FIRST AVE WEST	424	.5	1.0	1.2	.7	.75	99999.99
75	307642R	112910	CC	00485.36	LE MARS	0	SECOND AVE WEST	700	4.0	1.0	1.2	.8	.85	2284.80
75	307643X	112920	CC	00485.46	LE MARS	0	THIRD AVE WEST	300	4.0	1.0	1.0	.8	.80	768.00
75	307644E	112930	CC	00485.50	LE MARS	0	FOURTH ST. SOUTH	2590	4.0	.6	1.2	.8	.80	4773.89
75	307645L	112940	CC	00485.76	LE MARS	0	SIXTH AVE WEST	2170	4.0	.6	1.2	.8	.80	3999.74
75	307646T	113050	CC	00486.12	LE MARS	0	LINCOLN ST.	700	.5	1.0	1.0	.7	.75	183.75
75	307648G	113070	CC	00486.45	LE MARS	0	SOUTH 12TH ST.	2100	4.0	.6	1.0	.8	.80	3225.60
75	307649N	055130	CC	00487.11	LE MARS	1	10E 50SNW/C 20-92-45	301	4.0	.6	1.0	.8	.80	462.34

EXPOSURE INDEX LIST BY FRA NUMBER

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75	307650H	112700	CC	00486.70	LE MARS	0	LINCOLN ST	540	.5	1.0	1.2	.7	.75	170.10
75	307651P	113420	CC	00486.70	LE MARS	1	30E 50SNW/C 20-92-45	266	.5	1.0	1.0	.7	.75	69.83
75	307653D	003730	CC	00488.88	MERRILL	1	12E NW/C 31-92-45	532	4.0	.6	1.0	.8	.80	317.15
75	307657F	055140	CC	00491.68	MERRILL	0	MAIN ST.	430	4.0	.6	1.0	.8	.85	701.76
75	307665X	055150	CC	00496.40	HINTON	1	51E 50SNW/C 33-91-46	6	4.0	1.0	1.0	.8	.85	16.32
75	307670U	110980	CC	00498.37	HINTON	0	MAPLE ST.	200	4.0	1.0	1.0	.8	.85	544.00
75	307671B	055160	CC	00498.46	HINTON	0	MAIN ST.	1810	4.0	.1	1.0	.8	.85	492.32
75	307678Y	055170	CC	00502.12	HINTON	1	85E 95SNW/C 30-90-46	710	4.0	.6	1.0	.8	.80	1090.56
97	307685J	120570	CC	00504.83	SIoux CITY	0	46TH ST.	830	4.0	1.0	1.2	.8	.80	2549.76
97	307687X	081530	CC	00505.23	SIoux CITY	0	GRANT ST	50	5.0	1.0	1.0	.8	.85	170.00
97	307688E	120780	CC	00505.57	SIoux CITY	0	TYLER ST	1990	2.0	.6	1.0	.8	.80	1526.32
97	307689L	120790	CC	00506.09	SIoux CITY	0	JEFFERSON ST.	100	6.0	1.0	1.0	.8	.80	384.00
97	307690F	138160	CC	00506.45	SIoux CITY	0	RECREATIONAL PARK	250	4.0	1.0	1.0	.8	.80	640.00
97	307692U	120800	CC	00506.91	SIoux CITY	0	33RD ST.	1350	4.0	1.0	1.0	.8	.80	3456.00
97	307693B	120560	CC	00507.45	SIoux CITY	0	28TH ST.	1110	2.0	.6	1.0	.8	.80	852.48
97	307694H	121060	CC	00507.55	SIoux CITY	0	HAWKEYE DR SPUR	500	.5	1.0	1.2	.7	.75	157.50
97	307696W	121070	CC	00507.67	SIoux CITY	0	HAWKEYE DR.	500	.5	1.0	2.0	.7	.75	262.50
97	307697D	120820	CC	00508.00	SIoux CITY	0	22ND AND HAWKEYE	950	4.0	1.0	1.0	.8	.80	2432.00
97	307699S	121070	CC	00508.06	SIoux CITY	0	HAWKEYE DR.	615	.5	1.0	1.2	.7	.75	193.73
97	307702X	120830	CC	00508.25	SIoux CITY	0	18TH & 19TH STS	3339	4.0	1.0	1.0	.8	.80	8547.84
97	307704L	120840	CC	00508.81	SIoux CITY	0	ELEVENTH ST.	6550	4.0	.6	1.0	.8	.80	10060.80
97	307705T	120840	CC	00508.81	SIoux CITY	0	ELEVENTH ST.	6550	.5	.1	1.0	.7	.75	171.94
97	307706A	120840	CC	00508.81	SIoux CITY	0	ELEVENTH ST.	6550	2.0	.1	1.0	.7	.75	687.75
97	307707G	120840	CC	00508.83	SIoux CITY	0	CLARK-ELEVENTH ST	6550	2.0	1.0	1.0	.7	.75	6877.50
97	307711W	081540	CC	00509.22	SIoux CITY	0	CLARK STREET	700	.5	1.0	1.0	.7	.75	183.75

## EXPOSURE INDEX LIST BY FRA NUMBER

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97	307714S	121140	CC	00509.35	SIoux CITY	0	IOWA ST.	1200	.5	.6	1.0	.7	.75	999999.99
97	307715Y	092650	CC	00509.35	SIoux CITY	0	COURT STREET	2880	.5	.6	1.0	.7	.75	999999.99
97	307716F	092640	CC	00509.35	SIoux CITY	0	VIRGINIA	5000	.5	1.0	1.0	.7	.75	1312.50
97	307717M	081590	CC	00509.35	SIoux CITY	0	JENNINGS ST.	4900	.5	1.0	1.0	.7	.75	1286.25
97	307718U	081590	CC	00509.35	SIoux CITY	0	JENNINGS ST.	4900	.5	1.0	1.0	.7	.75	999999.99
97	307720V	120860	CC	00509.39	SIoux CITY	0	DACE AVE	11400	4.0	1.0	1.0	.7	.75	23940.00
97	307721C	120530	CC	00509.41	SIoux CITY	0	THIRD ST.	3066	.5	.6	1.0	.7	.75	482.90
97	307723R	120520	CC	00509.44	SIoux CITY	0	COURT ST.	300	2.0	1.0	1.0	.7	.85	357.00
97	307724X	120510	CC	00509.44	SIoux CITY	0	VIRGINIA ST.	4710	2.0	1.0	1.0	.7	.85	5604.90
97	307725E	138180	CC	00509.44	SIoux CITY	0	THIRD ST.	2200	.5	1.0	1.0	.7	.75	577.50
28	307728A	113670	CC	00000.10	MANCHESTER	0	WARREN ST	400	3.0	1.0	1.0	.8	.85	816.00
28	307729G	113700	CC	00000.20	MANCHESTER	0	KANE-ST	384	3.0	1.0	1.0	.8	.80	737.28
28	307730B	136500	CC	00000.24	MANCHESTER	0	ALLEY	50	3.0	1.0	1.0	.7	.80	84.00
28	307731H	113690	CC	00000.28	MANCHESTER	0	LINCOLN-ST	384	3.0	1.0	1.0	.7	.80	645.12
28	307732P	113680	CC	00000.35	MANCHESTER	0	GRANT-ST	783	3.0	1.0	1.0	.7	.80	1315.44
28	307734D	012550	CC	00000.59	MANCHESTER	0	FIFTH-ST	783	1.0	1.0	1.0	.7	.75	411.08
28	307739M	026200	CC	00001.87	MANCHESTER	1	95E NW/C 7-88-5	50	2.0	1.0	1.0	.8	.80	64.00
28	307742V	026210	CC	00002.80	MANCHESTER	1	75E NW/C 18-88-5	46	2.0	1.0	1.0	.8	.80	58.88
28	307745R	026220	CC	00003.94	MANCHESTER	1	75E20S 19-88-5	19	2.0	1.0	1.2	.8	.80	29.18
28	307746X	026230	CC	00004.28	MANCHESTER	1	70E50S NW/C 19-88-5	114	2.0	1.0	1.0	.8	.80	145.92
28	307747E	026240	CC	00006.29	RYAN	1	60E50S NW/C 31-88-5	85	2.0	1.0	1.0	.8	.80	108.80
28	307755W	113800	CC	00009.35	RYAN	1	30E20S NW/C 18-87-5	2010	2.0	.6	1.2	.8	.80	1852.42
28	307756D	006430	CC	00009.44	RYAN	1	ADAMS ST.	2180	3.0	.6	1.0	.8	.80	2511.36
28	307757K	026150	CC	00009.61	RYAN	0	FRANKLIN ST.	487	3.0	1.0	1.0	.8	.85	993.48
28	307759Y	026260	CC	00010.32	RYAN	1	50E NW/C 24-87-6	43	2.0	1.0	1.2	.8	.80	66.05



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
28	307763N	026280	CC	00012.09	RYAN	1	75E50S NW/C 26-87-6	47	2.0	1.0	2.0	.8	.80	120.32
28	307764V	026290	CC	00012.71	COGGON	1	40E NW/C 35-87-6	30	2.0	1.0	1.2	.8	.80	46.08
28	307765C	026300	CC	00013.15	COGGON	1	30S NW/C 35-87-6	90	2.0	1.0	1.2	.8	.80	138.24
57	307767R	071600	CC	00014.08	COGGON	1	50E NW/C 3-86-6	110	2.0	1.0	1.0	.8	.80	140.80
57	307769E	071590	CC	00014.29	COGGON	1	50E 30S NW/C 3-86-6	38	2.0	1.0	1.2	.8	.80	58.37
57	307780E	001690	CC	00014.79	COGGON	0	51E74S NW/C 3-86-6	38	2.0	1.0	1.0	.8	.80	48.64
57	307784G	007370	CC	00016.38	COGGON	1	80E NW/C 1E-86-6	120	2.0	1.0	1.0	.8	.80	153.60
57	307787C	009490	CC	00018.47	COGGON	1	50E94S NW/C 22-86-6	3390	2.0	.6	1.2	.8	.80	3124.22
57	307790K	071580	CC	00019.61	CENTRAL CITY	1	78S NW/C 2E-86-6	100	2.0	1.0	1.2	.8	.80	153.60
57	307792Y	071570	CC	00020.61	CENTRAL CITY	1	55E75S NW/C 35-86-6	35	2.0	1.0	1.2	.8	.80	53.76
57	307796B	130380	CC	00021.77	CENTRAL CITY	0	OFF RIVER ST.	50	2.0	1.0	1.0	.8	.85	68.00
57	307797H	130370	CC	00021.90	CENTRAL CITY	0	COOP ENTRANCE	20	3.0	1.0	1.0	.8	.85	40.80
57	307799W	130390	CC	00022.09	CENTRAL CITY	1	30E99S NW/C 3-85-6	25	3.0	1.0	1.0	.8	.80	48.00
57	307802C	071560	CC	00023.40	CENTRAL CITY	1	65E NW/C 9-85-6	540	2.0	.6	1.2	.8	.80	497.66
57	307804R	071540	CC	00025.20	CENTRAL CITY	1	80S NW/C 5-85-6	65	2.0	1.0	1.0	.8	.80	83.20
57	307805X	071530	CC	00025.23	CENTRAL CITY	1	98E NW/C 7-85-6	550	2.0	.6	1.2	.8	.80	506.88
57	307807L	071520	CC	00026.54	CENTRAL CITY	1	85S NW/C 7-85-6	55	2.0	1.0	1.2	.8	.80	84.48
57	307809A	071510	CC	00027.60	ALBURNETT	1	50E 70S NW/C 13-85-7	5	2.0	1.0	1.0	.8	.80	6.40
57	307810U	071500	CC	00028.89	ALBURNETT	0	EXT. OF NORTH ST	367	3.0	.6	1.0	.8	.80	422.78
57	307812H	097540	CC	00029.21	ALBURNETT	0	MAIN ST	1650	3.0	.6	1.2	.8	.85	2423.52
57	307813P	071480	CC	00029.23	ALBURNETT	0	ROOSEVELT ST	200	3.0	1.0	1.0	.8	.80	384.00
57	307814W	097530	CC	00029.40	ALBURNETT	0	1ST ST. SO.	219	3.0	1.0	1.0	.8	.80	420.48
57	307815D	071470	CC	00029.81	ALBURNETT	1	60E 75S NW/C 26-85-7	150	2.0	1.0	1.2	.8	.80	230.40
57	307816K	071460	CC	00030.42	ALBURNETT	1	30E 25S NW/C 35-85-7	130	2.0	1.0	1.2	.8	.80	179.68
57	307817S	071450	CC	00030.96	ALBURNETT	1	60S NW/C 35-85-7	15	2.0	1.0	1.2	.8	.80	23.04

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
57	307818Y	071440	CC	00031.83	ROBINS	1	50E42S NW/C 3-84-7	150	2.0	1.0	1.2	.8	.80	230.40
57	307820A	071430	CC	00032.64	ROBINS	1	01E NW/C 10-84-7	100	2.0	1.0	1.0	.8	.80	128.00
57	307823V	071420	CC	00033.66	ROBINS	1	80E NW/C 16-84-7	1290	2.0	.6	1.0	.8	.80	990.72
57	307827X	071410	CC	00035.26	ROBINS	0	MAIN	589	2.0	.6	1.0	.8	.80	452.35
57	307831M	071400	CC	00036.99	HIAWATHA	0	ROBINS-ROAD	438	2.0	1.0	1.2	.8	.80	672.77
57	307832U	022780	CC	00037.07	HIAWATHA	0	BOYSON RD	652	2.0	1.0	1.0	.8	.80	834.56
57	307835P	029200	CC	00037.73	HIAWATHA	0	EMMONS-ST NE	1720	2.0	.6	1.0	.8	.80	1320.96
57	307836W	071390	CC	00038.04	HIAWATHA	0	BLAIRS-FERRY-ROAD NE	9160	2.0	.6	1.0	.8	.80	7034.88
57	307839S	129460	CC	00039.06	CEDAR RAPIDS	0	FORTY-SECOND-ST N.E.	11300	2.0	.6	1.0	.8	.80	8578.40
57	307840L	100240	CC	00039.70	CEDAR RAPIDS	0	MCCLOUD PL. N.E.	4200	2.0	1.0	1.0	.8	.80	5376.00
57	307841T	100230	CC	00040.08	CEDAR RAPIDS	0	COLD-STREAM-AVE NE	1000	2.0	.6	1.0	.8	.80	768.00
57	307842A	100200	CC	00040.56	CEDAR RAPIDS	0	J AVE NE	3057	2.0	.6	1.0	.8	.80	2347.78
57	307843G	100190	CC	00040.63	CEDAR RAPIDS	0	HUBBARD-AVENUE NE	179	2.0	1.0	1.0	.8	.80	229.12
57	307844N	100180	CC	00040.70	CEDAR RAPIDS	0	"I"-AVENUE NE	200	2.0	1.0	1.0	.8	.80	256.00
57	307845V	100170	CC	00040.86	CEDAR RAPIDS	0	H AVE NE	821	2.0	.6	1.0	.8	.80	630.53
57	307848R	100110	CC	00041.12	CEDAR RAPIDS	0	SHAVER-ROAD	900	8.0	1.0	1.0	.7	.85	4284.00
57	307850S	090690	CC	00041.18	CEDAR RAPIDS	0	CENTER-POINT-ROAD	13200	3.0	1.0	1.0	.7	.80	22176.00
57	307851Y	100150	CC	00041.18	CEDAR RAPIDS	0	OAKLAND-ROAD	11275	3.0	1.0	1.0	.7	.85	20125.88
57	307852F	100390	CC	00042.84	CEDAR RAPIDS	0	5TH-AVENUE-SE	3772	.5	.6	1.0	.7	.85	673.30
57	307854U	100400	CC	00042.98	CEDAR RAPIDS	0	6-TH-AVENUE-SE	1110	2.0	.6	1.0	.7	.85	792.54
07	307856H	127880	CC	00000.17	WATERLOO	0	BROADWAY ST	13400	4.0	.6	2.0	.7	.80	36019.20
07	307857P	123770	CC	NONE	WATERLOO	0	BREES ST	516	4.0	1.0	1.0	.7	.85	1228.08
07	307859D	124460	CC	NONE	WATERLOO	0	WEST PARKER ST	3501	4.0	.6	1.0	.7	.80	4705.34
07	307860X	136400	CC	NONE	WATERLOO	0	ALLEY	50	4.0	1.0	1.0	.7	.80	112.00
07	307861E	124470	CC	NONE	WATERLOO	0	NEWTON ST	516	4.0	1.0	1.0	.7	.80	1155.84

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
07	307862L	136410	CC	NONE	WATERLOO	0	ALLEY	50	4.0	1.0	1.0	.7	.80	112.00
07	307863T	124480	CC	NONE	WATERLOO	0	KERN ST	516	4.0	1.0	1.0	.7	.80	1155.84
07	307864A	136420	CC	NONE	WATERLOO	0	ALLEY	50	4.0	1.0	1.0	.7	.80	112.00
07	307865G	124490	CC	NONE	WATERLOO	0	DAWSON ST	178	4.0	1.0	1.0	.7	.80	396.72
07	307866N	136430	CC	NONE	WATERLOO	0	ALLEY	50	4.0	1.0	1.0	.7	.80	112.00
07	307867V	129060	CC	NONE	WATERLOO	0	RIEHL ST	516	4.0	1.0	1.0	.7	.80	1155.84
07	307868C	136440	CC	NONE	WATERLOO	0	ALLEY	50	4.0	1.0	1.0	.7	.80	112.00
07	307869J	124500	CC	NONE	WATERLOO	0	CONGER	5467	4.0	1.0	1.2	.7	.80	14695.30
07	307871K	127090	CC	00000.60	WATERLOO	0	FAIRVIEW ST	1855	1.0	1.0	1.0	.7	.75	973.88
07	307873Y	127080	CC	00000.52	WATERLOO	0	CENTER ST	516	1.0	1.0	1.0	.7	.75	270.90
07	307874F	127070	CC	00000.46	WATERLOO	0	EDWARD ST	1059	1.0	1.0	1.0	.7	.75	555.98
07	307875M	127060	CC	00000.39	WATERLOO	0	BRATNOBER ST	1059	1.0	1.0	1.0	.7	.75	555.98
07	307876U	127050	CC	00000.35	WATERLOO	0	PARK ROAD	1297	1.0	1.0	1.0	.7	.75	680.93
07	307882X	123660	CC	00000.20	WATERLOO	0	W. LAFAYETTE ST	2539	.5	1.0	1.2	.7	.75	799.79
07	307884L	124520	CC	NONE	WATERLOO	0	BURTON AVE	2076	3.0	1.0	1.0	.7	.85	3705.66
07	307891W	138190	CC	NONE	WATERLOO	0	IDA STREET	204	.5	1.0	1.0	.7	.75	53.55
07	307893K	123830	CC	NONE	WATERLOO	0	IDA STREET	727	1.0	1.0	1.0	.7	.85	432.57
07	307895Y	017320	CC	NONE	WATERLOO	0	ANSBOROUGH AVE	8687	.5	1.0	1.2	.7	.80	2918.83
07	307898U	005800	CC	00002.57	WATERLOO	0	RAINBOW DRIVE	10871	.5	1.0	2.0	.7	.80	6087.76
07	307900T	128990	CC	00002.32	WATERLOO	0	MAYNARD ST	922	.5	1.0	1.0	.7	.75	242.03
07	307910Y	128910	CC	00001.69	WATERLOO	0	CLEVELAND	5467	3.0	1.0	1.2	.7	.80	11021.47
07	307911F	129110	CC	00001.69	WATERLOO	0	WESTFIELD AVENUE	7233	3.0	1.0	2.0	.7	.75	22783.95
07	307912M	136970	CC	00001.69	WATERLOO	0	CLEVELAND	5697	3.0	.6	1.0	.7	.85	6101.49
07	307914B	125010	CC	00001.69	WATERLOO	0	VAUGHN ST	634	4.0	1.0	1.0	.7	.80	1420.16
07	307915H	129120	CC	00001.69	WATERLOO	0	WESTFIELD-DURYEA	7233	4.0	.6	2.0	.7	.75	18227.16



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
07	307918D	129130	CC	00001.69	WATERLOO	0	WESTFIELD-MCKINLY	7200	3.0	1.0	2.0	.7	.80	24192.00
07	307919K	129010	CC	NONE	WATERLOO	0	MCKINLEY ST	1059	3.0	1.0	1.0	.7	.75	1667.93
07	307520E	000440	CC	NONE	WATERLOO	0	FALLS AVE	5122	1.0	1.0	1.0	.7	.75	2689.05
07	307941X	129860	CC	00000.55	WATERLOO	0	DAVID-ST	504	6.0	1.0	1.2	.7	.85	2159.14
07	307942E	129870	CC	00000.55	WATERLOO	0	DAVID-ST	504	1.0	1.0	2.0	.7	.75	99999.99
07	307943L	123750	CC	00000.83	WATERLOO	0	COLUMBIA-ST	516	6.0	1.0	1.2	.7	.85	2210.54
07	307944T	090460	CC	00001.04	WATERLOO	0	LOGAN-AVENUE	12900	4.0	.1	1.0	.7	.80	2889.60
07	307945A	129070	CC	00001.20	WATERLOO	0	SHERMAN	117	4.0	1.0	1.0	.7	.80	262.08
07	307946G	128880	CC	00001.27	WATERLOO	0	BOSTON-AVE	516	4.0	1.0	1.0	.7	.80	1155.84
07	307947N	123720	CC	00001.30	WATERLOO	0	EAST 4TH ST	3047	4.0	.6	1.0	.7	.80	4095.17
07	307948V	123710	CC	00001.37	WATERLOO	0	BARCLAY ST	95	4.0	1.0	1.0	.7	.80	212.80
07	307949C	123700	CC	00002.18	WATERLOO	0	NEWELL ST	4032	4.0	.6	1.2	.7	.80	6502.81
07	307950W	123680	CC	00002.20	WATERLOO	0	WILLOW ST	819	2.0	1.0	1.0	.7	.75	859.95
07	307951D	123670	CC	00002.20	WATERLOO	0	ALBANY ST	266	2.0	1.0	1.0	.7	.75	279.30
07	307952K	017520	CC	00002.92	WATERLOO	0	IDAHO ST	3391	2.0	.6	1.2	.7	.80	2734.50
07	307954Y	005770	CC	00003.55	WATERLOO	0	INDEPENDENCE AVE	4970	3.0	.1	1.0	.7	.80	834.96
07	307955F	129880	CC	00004.09	WATERLOO	0	DEARBORN ST	516	3.0	1.0	1.0	.7	.85	921.06
07	307964E	124230	CC	00004.51	WATERLOO	0	GLENDALE ST	516	4.0	1.0	1.0	.7	.75	1083.60
07	307965L	124220	CC	00004.51	WATERLOO	0	NEVADA ST	528	4.0	1.0	1.0	.7	.75	1108.80
07	307966T	124200	CC	00004.51	WATERLOO	0	DUNHAM PLACE	727	4.0	1.0	1.0	.7	.75	1526.70
07	307967A	129900	CC	NONE	WATERLOO	0	HOGLE AVE RATH SPUR	1059	4.0	1.0	1.0	.7	.75	2223.90
07	307968G	124170	CC	00004.51	WATERLOO	0	LAKE AVE RELOCATD	48	4.0	1.0	1.0	.7	.75	100.80
07	307969N	124180	CC	00004.51	WATERLOO	0	LAKE AVE	48	4.0	1.0	1.0	.7	.75	100.80
07	307970H	124160	CC	00004.51	WATERLOO	0	VINTON ST	7233	4.0	1.0	1.0	.7	.75	15189.30
57	308149U	100210	CC	NONE	CEDAR RAPIDS	0	J AVE NE	3057	4.0	.6	1.0	.7	.80	4108.61

IOWA DEPARTMENT OF TRANSPORTATION  
RAIL AND WATER DIVISION

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
94	308159A	070960	CC	00383.71	BARNUM	1	30E 50S NW/C25-89-30	35	4.5	1.0	1.2	.9	.80	136.08
94	308163P	070970	CC	00384.83	BARNUM	1	10E NW/C 35-89-30	55	4.0	1.0	1.2	.9	.80	190.08
94	308165D	070980	CC	00386.00	BARNUM	1	50S NW/C 34-89-30	260	4.5	.6	1.0	.9	.80	505.44
13	308168Y	021000	CC	00387.10	KNIERIM	1	70E NW/C 1-88-31	55	4.5	1.0	1.2	.9	.80	213.84
13	308169F	020990	CC	00387.93	KNIERIM	1	20S NW/C 1-88-31	68	4.5	1.0	1.0	.9	.80	220.32
13	308171G	020980	CC	00389.00	KNIERIM	1	80S NW/C 2-88-31	30	4.0	1.0	1.0	.9	.80	86.40
13	308173V	020970	CC	00389.81	KNIERIM	0	20E NW/C 10-88-31	300	4.0	.6	1.2	.9	.80	622.08
13	308174C	020960	CC	00390.08	KNIERIM	0	1ST AVE EAST	560	4.5	.6	1.0	.9	.80	1088.64
13	308175J	020960	CC	00390.08	KNIERIM	0	1ST AVE EAST	560	.5	1.0	1.0	.7	.75	999999.99
13	308177X	020950	CC	00391.22	KNIERIM	1	60S NW/C 9-88-31	19	4.0	1.0	1.0	.9	.80	54.72
13	308178E	020930	CC	00392.10	KNIERIM	1	20E NW/C 17-88-31	38	4.0	1.0	1.2	.9	.80	131.33
13	308181M	020910	CC	00393.40	KNIERIM	1	55S NW/C 18-88-31	22	4.0	1.0	1.0	.9	.80	63.36
13	308184H	020900	CC	00394.40	KNIERIM	1	11E NW/C 24-88-32	70	4.0	.6	1.2	.9	.80	145.15
13	308185P	001760	CC	00394.51	ROCKWELL CITY	1	06S NW/C 24-88-32	41	4.0	.6	1.0	.9	.80	70.85
13	308187D	020890	CC	00395.63	ROCKWELL CITY	1	53S NW/C 23-88-32	364	4.0	.6	1.2	.9	.80	754.79
13	308190L	020880	CC	00396.75	ROCKWELL CITY	1	03S NW/C 27-88-32	25	4.0	1.0	1.0	.9	.80	72.00
13	308192A	020870	CC	00397.88	ROCKWELL CITY	1	51S NW/C 28-88-32	30	4.0	1.0	1.0	.9	.80	86.40
13	308196C	020860	CC	00398.98	ROCKWELL CITY	1	01S NW/C 32-88-32	176	4.0	1.0	1.0	.9	.80	506.88
13	308199X	119440	CC	00400.08	ROCKWELL CITY	0	1ST ST.	1490	.5	.6	1.0	.7	.80	250.32
13	308200P	119530	CC	00400.11	ROCKWELL CITY	0	TONAWANDA AVE & 4TH	470	.5	1.0	1.2	.7	.75	148.05
13	308201W	119530	CC	00400.11	ROCKWELL CITY	0	TONAWANDA AVE	470	4.5	.6	1.2	.9	.80	1096.42
13	308202D	119520	CC	00400.11	ROCKWELL CITY	0	FOURTH ST.	110	4.0	1.0	1.0	.9	.80	316.80
13	308203K	119510	CC	00400.24	ROCKWELL CITY	0	FIFTH ST.	219	4.5	1.0	1.0	.9	.85	753.91
13	308204S	052030	CC	00400.55	ROCKWELL CITY	0	8TH ST	113	4.5	1.0	1.0	.9	.85	389.00
13	308207M	019800	CC	00401.28	ROCKWELL CITY	1	84E NW/C 2-87-33	5	4.5	1.0	1.2	.9	.85	20.66

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
13	308214X	052060	CC	00403.81	ROCKWELL CITY	1	54E NW/C 9-87-33	23	4.0	1.0	1.2	.9	.80	79.49
13	308215E	019810	CC	00403.88	ROCKWELL CITY	1	50E02S NW/C 9-87-33	27	4.0	1.0	1.0	.9	.80	77.76
13	308218A	096070	CC	00405.41	ROCKWELL CITY	1	10E75S NW/C 8-87-33	100	4.5	1.0	1.0	.9	.85	344.25
13	308219G	019820	CC	00405.51	ROCKWELL CITY	1	75S NW/C 8-87-33	556	4.0	.6	1.0	.9	.80	960.77
13	308221H	019830	CC	00406.07	YETTER	1	50E NW/C 18-87-33	30	4.0	1.0	1.2	.9	.80	103.68
13	308224D	019850	CC	00407.74	YETTER	1	67S NW/C 13-87-34	54	4.0	1.0	1.0	.9	.80	155.52
13	308226S	019860	CC	00408.37	YETTER	1	36E NW/C 23-87-34	210	4.0	.6	1.2	.9	.80	435.46
13	308227Y	019870	CC	00408.83	YETTER	1	16S NW/C 23-87-34	37	4.0	1.0	1.0	.9	.80	106.56
13	308230G	020000	CC	00411.00	YETTER	1	13S NW/C 28-87-34	12	4.0	1.0	1.0	.9	.80	34.56
13	308232V	020010	CC	00412.09	YETTER	0	CO. TRK. D	70	4.5	.6	1.0	.9	.85	144.59
13	308234J	020020	CC	00412.96	YETTER	1	04S NW/C 31-87-34	553	4.0	.1	1.0	.9	.80	159.26
81	308237E	054500	CC	00413.94	YETTER	1	25E50S NW/C 36-87-35	70	4.0	1.0	1.2	.9	.80	241.92
81	308241U	054470	CC	00415.95	AUBURN	1	40E50S NW/C 3-86-35	24	4.0	1.0	1.2	.9	.80	82.94
81	308243H	054590	CC	00416.50	AUBURN	1	85S NW/C 3-86-35	36	4.0	1.0	1.0	.9	.80	103.68
81	308246D	054460	CC	00417.75	AUBURN	1	40S NW/C 9-86-35	27	4.0	1.0	1.0	.9	.80	77.76
81	308251A	054440	CC	00419.80	AUBURN	1	15S NW/C 18-86-35	43	4.0	1.0	1.0	.9	.80	123.84
81	308253N	054430	CC	00420.75	AUBURN	1	30S NW/C 13-86-36	13	4.0	1.0	1.0	.9	.80	37.44
81	308255C	054400	CC	00421.88	AUBURN	1	40S NW/C 14-86-36	310	4.0	.6	1.0	.9	.80	535.68
81	308260Y	054370	CC	00423.76	WALL LAKE	1	75S NW/C 16-86-36	662	4.0	.6	1.0	.9	.80	1143.94
81	308263U	054360	CC	00424.88	WALL LAKE	1	80S NW/C 17-86-36	136	4.0	1.0	1.0	.9	.80	391.68
81	308264B	054330	CC	00425.71	WALL LAKE	0	CENTER ST.	1300	4.5	.6	1.0	.9	.85	2685.15
81	308265H	054330	CC	00425.71	WALL LAKE	0	CENTER ST	1300	.5	1.0	1.0	.7	.75	341.25
81	308268D	054320	CC	00427.98	WALL LAKE	1	75S NW/C 23-86-37	50	4.0	1.0	1.0	.9	.80	144.00
81	308269K	054300	CC	00429.13	WALL LAKE	1	40S NW/C 27-86-37	18	4.0	1.0	1.0	.9	.80	51.84
81	308270E	054280	CC	00430.01	WALL LAKE	1	25E85S NW/C 28-86-37	75	4.0	.6	1.2	.9	.80	155.52



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
24	308271L	024120	CC	00431.95	WALL LAKE	1	78E NW/C 6-85-37	16	4.0	1.0	1.0	.9	.80	46.08
24	308276V	024130	CC	00434.04	DELOIT	1	96E90S NW/C 12-85-38	232	4.0	.6	1.0	.9	.80	400.90
24	308277C	024170	CC	00434.98	DELOIT	1	24S NW/C 13-85-38	80	4.0	1.0	1.0	.9	.80	230.40
24	308279R	024190	CC	00435.98	DELOIT	1	49E02S NW/C 23-85-38	50	4.0	1.0	1.0	.9	.80	144.00
24	308281S	024200	CC	00436.28	DELOIT	1	35E25S NW/C 23-85-38	30	4.0	1.0	1.0	.9	.80	86.40
24	308283F	024220	CC	00438.90	DELOIT	1	53E NW/C 33-85-38	50	4.0	1.0	1.0	.9	.80	144.00
24	308287H	024250	CC	00440.57	DELOIT	1	50E25S NW/C 5-84-38	68	4.0	1.0	1.0	.9	.80	195.84
24	308290R	024260	CC	00442.59	DELOIT	0	LOC RD SE	230	4.5	1.0	1.0	.9	.80	745.20
24	308295A	024270	CC	00445.16	DELOIT	1	96E NW/C 26-84-39	42	4.0	1.0	1.0	.9	.80	120.96
24	308303P	130070	CC	00448.09	DENISON	0	6TH AVE NORTH	1910	1.0	1.0	1.0	.9	.75	999999.99
24	308304W	130070	CC	00448.26	DENISON	0	6TH AVE NORTH	1959	5.0	.6	1.0	.9	.85	4495.91
24	308310A	024280	CC	00450.25	DENISON	1	05E56S NW/C 15-83-39	180	5.0	.6	1.0	.9	.85	413.10
24	308311G	023920	CC	00450.25	DENISON	1	99E52S NW/C 16-83-39	806	.5	1.0	1.0	.7	.75	211.58
24	308317X	020510	CC	00453.57	ARION	1	41E80S NW/C 30-83-39	20	6.0	.6	1.0	.9	.80	51.84
24	308321M	098090	CC	00455.69	ARION	0	GRACE ST.	558	4.5	1.0	1.0	.9	.80	1807.92
24	308322U	098100	CC	00455.75	ARION	0	SECOND ST.	558	4.0	1.0	1.2	.9	.80	1928.45
24	308326W	006330	CC	00457.60	DOW CITY	1	CLARK ST	410	4.5	.6	1.0	.9	.80	797.04
24	308327D	107730	CC	00457.81	DOW CITY	0	FRANKLIN ST	342	4.5	1.0	1.0	.9	.85	1177.34
24	308328K	107730	CC	00457.89	DOW CITY	0	FRANKLIN ST	342	.5	.6	1.0	.7	.75	999999.99
24	308332A	024330	CC	00459.70	DOW CITY	1	50E16S NW/C 17-82-40	241	6.0	.6	1.0	.9	.80	624.67
24	308344U	024350	CC	00464.89	DUNLAP	1	80S NW/C 35-82-41	20	4.0	1.0	2.0	.9	.80	115.20
43	308345B	005000	CC	00465.50	DUNLAP	0	3-81-41	1040	4.5	.6	1.0	.9	.85	2148.12
43	308346H	133280	CC	00466.01	DUNLAP	0	REMSEN ST.	154	4.0	1.0	1.0	.9	.80	443.52
43	308350X	031670	CC	00468.43	DUNLAP	1	35E90S NW/C 16-81-41	35	4.0	1.0	1.0	.9	.80	100.80
43	308355G	040820	CC	00470.37	DUNLAP	1	20E50S NW/C 29-81-41	20	4.0	1.0	1.0	.9	.80	57.60

## EXPOSURE INDEX LIST BY FRA NUMBER

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43	308356N	040810	CC	00471.70	WOODBINE	1	48E50S NW/C 31-81-41	73	4.5	1.0	1.0	.9	.80	236.52
43	308360D	036910	CC	00474.89	WOODBINE	1	BUS BROWN DR.	550	4.5	1.0	1.2	.9	.80	2138.40
43	308361K	125550	CC	00475.35	WOODBINE	0	HAWTHORNE ST	342	4.5	1.0	1.2	.9	.85	1412.80
43	308362S	125560	CC	00475.43	WOODBINE	0	WALKER ST.	553	4.0	1.0	1.0	.9	.85	1692.18
43	308364F	077060	CC	00475.58	WOODBINE	0	LINCOLNWAY ST.	1760	4.5	.6	1.2	.9	.85	4362.34
43	308366U	040850	CC	00476.28	WOODBINE	1	50S NW/C 23-80-42	70	4.5	1.0	1.2	.9	.85	289.17
43	3083678	041060	CC	00476.73	WOODBINE	1	65E75S NW/C 22-80-42	70	4.5	1.0	1.2	.9	.80	272.16
43	308369P	041010	CC	00478.26	WOODBINE	1	60E75S NW/C 28-80-42	10	4.5	1.0	1.2	.9	.80	38.88
43	308380P	031570	CC	00483.45	LOGAN	0	8TH ST.	421	4.5	1.0	1.0	.9	.85	1449.29
43	308386F	031540	CC	00487.57	MISSOURI VALLEY	1	15E85S NW/C 5-78-43	25	4.0	1.0	1.0	.9	.80	72.00
43	308388U	031530	CC	00488.72	MISSOURI VALLEY	1	75E25S NW/C 7-78-43	100	4.0	1.0	1.0	.9	.80	288.00
43	308392J	031510	CC	00491.18	MISSOURI VALLEY	1	10E20S NW/C 24-78-44	410	4.0	.6	1.2	.9	.80	850.18
43	308394X	031500	CC	00492.77	MISSOURI VALLEY	1	10E35S NW/C 26-78-44	15	4.0	1.0	1.0	.9	.80	43.20
43	308395E	031490	CC	00492.85	MISSOURI VALLEY	1	10E40S NW/C 26-78-44	120	4.0	1.0	1.2	.9	.80	414.72
78	308404B	138210	CC	00498.66	CRESCENT	1	NW/C 27-77-44	10	4.0	1.0	1.0	.9	.80	28.80
78	308405H	055320	CC	00499.29	CRESCENT	1	65S NW/C 27-77-44	8	4.0	1.0	1.0	.9	.80	23.04
78	308406P	055330	CC	00500.60	CRESCENT	1	NW/C 3-76-44	210	4.5	1.0	1.0	.9	.85	722.93
78	308407W	023200	CC	00505.01	CRESCENT	1	10E 50S NW/C27-76-44	2700	4.5	.6	1.0	.9	.80	5248.80
78	308408D	055390	CC	00506.93	CRESCENT	1	74E 24S NW/C 3-75-44	80	4.0	1.0	1.0	.9	.80	230.40
78	308409K	055400	CC	00508.31	COUNCIL BLUFFS	1	45E 43SNW/C 11-75-44	120	4.0	1.0	1.0	.9	.80	345.60
78	308413A	104200	CC	00510.88	COUNCIL BLUFFS	0	NORTH 15TH STREET	209	6.0	1.0	1.0	.7	.85	746.13
78	308414G	127950	CC	00510.96	COUNCIL BLUFFS	0	NORTH 16TH STREET	11500	2.0	.6	1.0	.9	.80	9936.00
78	308416V	135580	CC	00513.67	COUNCIL BLUFFS	0	N. 25TH ST.	1470	2.0	.6	1.0	.9	.80	1270.08
78	308417C	129310	CC	00513.78	COUNCIL BLUFFS	0	N.25TH WATERWORKS	30	2.0	1.0	1.0	.9	.80	99999.99
78	308443S	103610	CC	00511.41	COUNCIL BLUFFS	0	AVENUE G	3070	10.0	.6	1.0	.7	.75	9670.50

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78	308445F	103600	CC	00511.54	COUNCIL BLUFFS	0	AVENUE E	20	10.0	1.0	1.0	.7	.75	105.00
78	308446M	091600	CC	00511.72	COUNCIL BLUFFS	0	AVENUE B	2910	3.0	.6	1.0	.7	.75	2749.95
78	3084488	104510	CC	00511.98	COUNCIL BLUFFS	0	SECOND AVENUE	2160	3.0	1.0	1.0	.7	.75	3402.00
78	308449H	103670	CC	00512.04	COUNCIL BLUFFS	0	THIRD AVENUE	170	3.0	1.0	1.0	.7	.75	267.75
78	308450C	103650	CC	00512.09	COUNCIL BLUFFS	0	THIRTEENTH STREET	627	2.0	1.0	1.0	.7	.75	658.35
07	308799A	017180	CVAR	00001.19	CEDAR FALLS	0	LAKE ST.	203	2.0	1.0	1.0	.8	.80	259.84
07	308802F	017170	CVAR	00002.20	CEDAR FALLS	0	DUNKERTON RD.	155	2.0	1.0	1.0	.8	.80	198.40
07	308804U	017160	CVAR	00003.22	CEDAR FALLS	1	08E NW/C 30-90-13	130	2.0	1.0	1.0	.8	.80	166.40
07	3088058	017150	CVAR	00003.68	JANESVILLE	1	61S NW/C 19-90-13	82	2.0	1.0	2.0	.8	.80	209.92
07	308806H	017140	CVAR	00004.31	JANESVILLE	1	85E NW/C 24-90-14	30	2.0	1.0	1.0	.8	.80	38.40
07	308807P	017130	CVAR	00005.28	JANESVILLE	1	60E NW/C 13-90-14	1610	2.0	.6	1.0	.8	.80	1236.48
07	308808W	017120	CVAR	00006.30	JANESVILLE	1	25E NW/C 12-90-14	40	2.0	1.0	1.0	.8	.80	51.20
07	308810X	017110	CVAR	00007.37	JANESVILLE	0	W. MARQUIS RD.	113	4.0	1.0	1.0	.8	.85	307.36
09	308811E	111600	CVAR	00007.57	JANESVILLE	0	ELM	219	3.0	1.0	1.0	.8	.85	446.76
09	308813T	091370	CVAR	00007.74	JANESVILLE	0	MAIN ST.	558	2.0	.6	1.0	.8	.80	428.54
09	308814A	090600	CVAR	00008.11	JANESVILLE	0	MAPLE ST.	5460	2.0	.6	1.2	.8	.80	5031.94
09	308815G	071270	CVAR	00008.43	JANESVILLE	0	BARRICK ROAD	234	2.0	1.0	1.0	.8	.80	299.52
09	308819J	071280	CVAR	00009.97	JANESVILLE	1	80E NW/C 27-91-14	96	2.0	1.0	1.0	.8	.80	122.88
09	308821K	071290	CVAR	00010.99	WAVERLY	1	70E NW/C 22-91-14	587	2.0	.6	1.0	.8	.80	450.82
09	308822S	071300	CVAR	00011.99	WAVERLY	0	29TH AVE	140	2.0	1.0	1.0	.8	.80	179.20
09	308824F	129420	CVAR	00013.59	WAVERLY	0	2ND AVE S.W.	1307	2.0	.6	1.0	.8	.80	1003.78
09	308825M	090300	CVAR	00013.72	WAVERLY	0	US 218 & IA 3	12100	2.0	.1	1.0	.8	.85	1645.60
09	308826U	130290	CVAR	00013.79	WAVERLY	0	1ST AVE N.W.	500	3.0	1.0	1.0	.8	.85	1020.00
09	3088278	124690	CVAR	00014.06	WAVERLY	0	WILSON AVE.	600	2.0	.6	1.2	.8	.80	552.96
09	308828H	130300	CVAR	00014.12	WAVERLY	0	5TH AVE	876	2.0	.6	1.2	.8	.80	807.32



EXPOSURE INDEX LIST BY FRA NUMBER

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09	308830J	059230	CVAR	00014.51	WAVERLY	0	20TH ST. N.W.	300	3.0	1.0	1.2	.8	.80	691.20
09	308833E	071320	CVAR	00015.29	WAVERLY	0	22ND AVE N.W.	32	2.0	1.0	1.0	.8	.80	40.96
09	308835T	002190	CVAR	00015.84	WAVERLY	1	50E50S NW/C 28-92-14	290	2.0	.8	1.0	.8	.80	296.96
09	308837G	002940	CVAR	00017.25	WAVERLY	1	15S NW/C 21-92-14	310	2.0	.6	1.2	.8	.80	285.70
09	308838N	071330	CVAR	00017.47	WAVERLY	1	85E NW/C 20-92-14	530	2.0	.6	1.0	.8	.80	407.04
09	308841W	095830	CVAR	00018.80	PLAINFIELD	1	50E80S NW/C 8-92-14	18	2.0	1.0	2.0	.8	.80	46.08
09	308843K	071340	CVAR	00019.56	PLAINFIELD	1	35E NW/C 8-92-14	28	2.0	1.0	1.0	.8	.80	35.84
09	308844S	071350	CVAR	00020.65	PLAINFIELD	1	25E NW/C 5-92-14	10	2.0	1.0	1.0	.8	.80	12.80
09	308845Y	005890	CVAR	00021.70	PLAINFIELD	1	10E NW/C 32-93-14	63	2.0	1.0	1.0	.8	.85	85.68
09	308846F	130310	CVAR	00022.19	PLAINFIELD	0	MILL ST.	219	2.0	1.0	1.0	.8	.85	297.84
09	308848U	118630	CVAR	00022.33	PLAINFIELD	0	JEFFERSON ST.	487	3.0	1.0	1.0	.8	.85	993.48
09	308849B	118620	CVAR	00022.50	PLAINFIELD	0	4TH ST.	219	3.0	1.0	1.0	.8	.80	420.48
09	308850V	118610	CVAR	00022.57	PLAINFIELD	0	3RD ST.	220	3.0	1.0	1.0	.8	.85	448.60
09	308851C	118600	CVAR	00022.62	PLAINFIELD	0	2ND ST.	219	3.0	1.0	1.0	.8	.85	446.76
09	308852J	071360	CVAR	00022.69	PLAINFIELD	0	1ST ST.	1420	3.0	.6	1.0	.8	.85	1738.08
09	308855E	071370	CVAR	00023.70	PLAINFIELD	1	80E NW/C 19-93-14	16	3.0	1.0	1.0	.8	.80	30.72
19	308862P	021720	CVAR	00027.10	NASHUA	1	60E75S NW/C 31-94-14	16	2.0	1.0	1.0	.8	.80	20.48
19	308867Y	116310	CVAR	00029.84	NASHUA	0	ASPINWALL ST.	219	3.0	1.0	1.0	.8	.80	420.48
19	308868F	116300	CVAR	00030.00	NASHUA	0	BAILEY ST.	219	3.0	1.0	1.0	.8	.80	420.48
19	308869M	116290	CVAR	00030.11	NASHUA	0	LEXINGTON AVE.	421	3.0	1.0	1.0	.8	.85	658.84
19	308870G	116280	CVAR	00030.18	NASHUA	0	MADISON ST.	219	3.0	1.0	1.0	.8	.85	446.76
19	308871N	130330	CVAR	00030.23	NASHUA	0	WOODBRIIDGE	342	5.0	1.0	1.0	.8	.85	1162.80
19	308872V	116270	CVAR	00030.31	NASHUA	0	CEDAR ST.	342	3.0	1.0	1.0	.8	.85	697.68
19	308873C	021730	CVAR	00030.59	NASHUA	0	GREENWOOD AVE.	2800	2.0	.6	1.2	.8	.80	2580.48
19	308874J	021740	CVAR	00030.90	NASHUA	0	MILL ST.	219	3.0	1.0	1.0	.8	.85	446.76

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19	308876X	021750	CVAR	00031.67	NASHUA	1	60S NW/C 8-94-14	85	2.0	1.0	1.2	.8	.80	130.56
19	308877E	021760	CVAR	00032.30	NASHUA	1	80E NW/C 7-94-14	50	2.0	1.0	1.0	.8	.80	64.00
19	308879T	021770	CVAR	00033.39	NASHUA	1	35E NW/C 6-94-14	60	2.0	1.0	1.0	.8	.80	76.80
19	308890T	021780	CVAR	00033.86	NASHUA	1	75S NW/C 31-95-14	48	2.0	1.0	1.0	.8	.80	61.44
34	308891A	028120	CVAR	00035.08	NASHUA	1	98E NW/C 35-95-15	80	2.0	1.0	1.2	.8	.80	122.88
34	308895C	028110	CVAR	00036.55	CHARLES CITY	1	NW/C 26-95-15	53	2.0	1.0	1.0	.8	.80	67.84
34	308897R	028100	CVAR	00037.80	CHARLES CITY	1	06E NW/C 22-95-15	700	2.0	.6	1.0	.8	.80	537.60
34	308899E	028090	CVAR	00038.98	CHARLES CITY	1	50E20S NW/C 16-95-15	32	2.0	1.0	1.0	.8	.80	40.96
34	308900W	028130	CVAR	00039.18	CHARLES CITY	1	25E NW/C 16-95-15	170	2.0	1.0	1.0	.8	.80	217.60
34	308902K	004730	CVAR	00040.87	CHARLES CITY	0	5TH AVE	2750	2.0	.6	1.0	.8	.80	2112.00
34	308906M	101910	CVAR	00041.72	CHARLES CITY	0	E ST.	3500	4.0	1.0	1.0	.8	.85	9520.00
34	308907U	101940	CVAR	00041.80	CHARLES CITY	0	D ST.	100	2.0	1.0	1.0	.7	.75	105.00
34	308908E	101960	CVAR	00042.01	CHARLES CITY	0	GRAND AVE	8107	4.0	.6	1.0	.8	.80	12452.35
34	308909H	101970	CVAR	00042.05	CHARLES CITY	0	MAIN ST.	7882	4.0	.6	1.0	.8	.80	12106.75
34	308910C	102070	CVAR	00042.09	CHARLES CITY	0	JACKSON ST.	200	4.0	1.0	1.0	.8	.80	512.00
34	308911J	102000	CVAR	00042.19	CHARLES CITY	0	IOWA ST.	270	2.0	1.0	1.0	.8	.80	345.60
34	308912R	102060	CVAR	00042.51	CHARLES CITY	0	19TH AVE	785	2.0	1.0	1.0	.8	.80	1004.80
34	308913X	027820	CVAR	00042.76	CHARLES CITY	1	75E75S NW/C 36-96-16	280	2.0	1.0	1.0	.8	.80	358.40
34	308916T	027810	CVAR	00043.46	CHARLES CITY	1	20E20S NW/C 36-96-16	220	2.0	1.0	1.2	.8	.80	337.92
34	308919N	027800	CVAR	00045.25	FLOYD	1	70E50S NW/C 23-96-16	30	2.0	1.0	1.0	.8	.80	38.40
34	308922W	066650	CVAR	00046.39	FLOYD	1	80S NW/C 14-96-16	8	2.0	1.0	1.0	.8	.80	10.24
34	308923D	027790	CVAR	00046.96	FLOYD	1	50E50S NW/C 15-96-16	750	2.0	.6	1.0	.8	.80	576.00
34	308924K	006670	CVAR	00047.67	FLOYD	1	03E05S NW/C 15-96-16	1100	2.0	.6	1.0	.8	.80	844.80
34	308926Y	027770	CVAR	00048.24	FLOYD	1	70E50S NW/C 9-96-16	24	2.0	1.0	1.0	.8	.80	30.72
34	308928M	027760	CVAR	00049.66	FLOYD	1	60E NW/C 4-96-16	26	2.0	1.0	1.0	.8	.80	33.28

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
34	308929U	027750	CVAR	00050.68	FLOYD	1	40E NW/C 33-97-16	3	2.0	1.0	1.0	.8	.80	3.84
34	308932C	027740	CVAR	00051.70	ORCHARD	1	20E NW/C 28-97-16	26	2.0	1.0	1.0	.8	.80	33.28
34	308933J	027730	CVAR	00052.40	ORCHARD	1	30S NW/C 21-97-16	8	2.0	1.0	1.2	.8	.80	12.29
34	308934R	027720	CVAR	00052.84	ORCHARD	1	70E NW/C 20-97-16	64	2.0	1.0	1.2	.8	.80	98.30
66	308936E	071870	CVAR	00053.86	ORCHARD	1	32S NW/C 17-97-16	73	3.0	1.0	1.2	.8	.80	168.19
66	308937L	071860	CVAR	00054.22	ORCHARD	0	MAIN ST.	594	4.0	1.0	1.0	.8	.80	1520.64
66	308938T	071850	CVAR	00054.68	ORCHARD	1	45E 50S NW/C 7-97-16	44	2.0	1.0	1.0	.8	.80	56.32
66	308940U	071840	CVAR	00056.02	ORCHARD	1	25S NW/C 6-97-16	140	2.0	1.0	2.0	.8	.80	358.40
66	308941B	071830	CVAR	00056.33	OSAGE	1	90E NW/C 1-97-17	150	3.0	1.0	1.0	.8	.80	288.00
66	308942H	071820	CVAR	00058.03	OSAGE	0	SO. 7TH ST.	3520	3.0	.6	1.0	.8	.80	4055.04
66	308943P	117240	CVAR	00058.13	OSAGE	0	ELM ST.	380	2.0	1.0	1.0	.8	.80	486.40
66	308944W	117250	CVAR	00058.18	OSAGE	0	SIXTH ST.	1360	2.0	1.0	1.0	.8	.80	1740.80
66	308945D	117260	CVAR	00058.22	OSAGE	0	VINE ST.	530	2.0	1.0	1.0	.8	.80	678.40
66	308946K	117270	CVAR	00058.30	OSAGE	0	PARK ST.	590	2.0	1.0	1.0	.8	.80	755.20
66	308947S	117290	CVAR	00058.33	OSAGE	0	FIFTH ST.	1070	2.0	1.0	1.0	.8	.80	1369.60
66	308948Y	117300	CVAR	00058.39	OSAGE	0	CHESTNUT	940	2.0	1.0	1.0	.8	.80	1233.20
66	308949F	117310	CVAR	00058.47	OSAGE	0	OAK & 4TH ST.	1200	2.0	1.0	1.2	.8	.80	1843.20
66	308950A	136510	CVAR	00058.50	OSAGE	0	ALLEY	50	2.0	1.0	1.0	.8	.80	64.00
66	308951G	117320	CVAR	00058.54	OSAGE	0	PLEASANT	1050	4.5	1.0	1.0	.8	.80	3024.00
66	308952N	117330	CVAR	00058.62	OSAGE	0	STATE & 3RD STS.	1120	4.5	1.0	1.0	.8	.85	3427.20
66	308953V	014080	CVAR	00058.70	OSAGE	0	MAIN ST.	3960	4.5	.6	1.0	.8	.85	7270.56
66	308954C	117350	CVAR	00058.79	OSAGE	0	CHASE ST.	520	4.5	1.0	1.0	.8	.85	1591.20
66	308955J	117360	CVAR	00058.89	OSAGE	0	MECHANIC	250	4.5	1.0	1.0	.8	.85	765.00
66	308957X	071810	CVAR	00059.88	OSAGE	1	90E NW/C 22-98-17	60	2.0	1.0	1.0	.8	.80	76.80
66	308961M	071800	CVAR	00061.63	MITCHELL	1	75E 90S NW/C 9-98-17	34	2.0	1.0	1.0	.8	.80	43.52



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
66	308962U	115210	CVAR	00062.18	MITCHELL	0	MAIN ST.	113	2.0	1.0	1.0	.8	.80	144.64
66	3089638	013800	CVAR	00062.31	MITCHELL	0	PEARL ST.	420	2.0	1.0	1.0	.8	.80	537.60
66	308964H	115200	CVAR	00062.39	MITCHELL	0	CADY ST.	200	2.0	1.0	1.0	.8	.80	256.00
66	308965P	071780	CVAR	00062.84	MITCHELL	1	85E 98S NW/C 5-98-17	123	2.0	1.0	2.0	.8	.80	314.88
66	308966W	071770	CVAR	00063.43	MITCHELL	1	60E 50S NW/C 5-98-17	61	2.0	1.0	1.0	.6	.80	78.08
66	308968K	071760	CVAR	00065.23	SAINT ANSGAR	1	35E NW/C 31-99-17	50	2.0	1.0	1.0	.8	.80	64.00
66	308970L	071750	CVAR	00066.41	SAINT ANSGAR	1	70E NW/C 25-99-18	62	2.0	1.0	1.0	.8	.85	84.32
66	308971T	130010	CVAR	00066.76	SAINT ANSGAR	0	CHLRCH ST.	200	3.0	1.0	1.0	.8	.85	408.00
66	308973G	121780	CVAR	00066.87	SAINT ANSGAR	0	SIXTH ST.	300	3.0	1.0	1.0	.8	.85	612.00
66	308974N	121790	CVAR	00066.93	SAINT ANSGAR	0	FIFTH ST.	450	3.0	1.0	1.0	.8	.75	810.00
66	308975V	011550	CVAR	00067.01	SAINT ANSGAR	0	FOURTH ST.	2840	4.0	.6	1.0	.8	.85	4634.88
66	308976C	121800	CVAR	00067.10	SAINT ANSGAR	0	THIRD ST.	480	4.0	1.0	1.0	.8	.85	1305.60
66	308977J	121810	CVAR	00067.17	SAINT ANSGAR	0	SECOND ST.	420	2.0	1.0	1.0	.8	.80	537.60
66	308978R	121830	CVAR	00067.25	SAINT ANSGAR	0	SCHOOL ST.	880	2.0	1.0	2.0	.8	.80	2252.80
66	3089858	071740	CVAR	00069.12	SAINT ANSGAR	1	01E 50SNW/C 12-99-18	50	2.0	1.0	1.0	.8	.80	64.00
66	308989D	071730	CVAR	00071.16	SAINT ANSGAR	1	80E 50SNW/C 35-100-18	53	2.0	1.0	1.0	.8	.80	67.84
66	308994A	007630	CVAR	00000.42	STACYVILLE	1	10S NW/C 36-100-18	1090	2.0	.6	1.0	.7	.80	732.48
66	308995G	071680	CVAR	00001.45	STACYVILLE	1	10S NW/C 31-100-17	30	2.0	1.0	1.0	.7	.80	33.60
66	308996N	071670	CVAR	00002.17	STACYVILLE	1	10S NW/C 32-100-17	225	4.0	1.0	1.0	.7	.85	535.50
66	308997V	071660	CVAR	00003.17	STACYVILLE	1	10S NW/C 33-100-17	111	2.0	1.0	1.0	.7	.80	124.32
66	309002X	071650	CVAR	00004.22	STACYVILLE	1	10S NW/C 34-100-17	23	2.0	1.0	1.0	.7	.80	25.76
66	309003E	071640	CVAR	00005.18	STACYVILLE	1	10S NW/C 35-100-17	58	2.0	1.0	1.0	.7	.80	64.96
66	309005T	071630	CVAR	00006.19	STACYVILLE	1	10S NW/C 36-100-17	46	2.0	1.0	1.0	.7	.80	51.52
66	309006A	071620	CVAR	00007.21	STACYVILLE	1	04S NW/C 31-100-16	55	2.5	1.0	1.0	.7	.80	77.00
66	309007G	130030	CVAR	00007.13	STACYVILLE	1	20E NW/C 31-100-16	30	.5	1.0	1.0	.7	.75	7.88

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
66	309008N	130030	CVAR	00007.31	STACYVILLE	1	4E NW/C 31-100-16	39	.5	1.0	1.0	.7	.80	10.92
66	309009V	121660	CVAR	00007.48	STACYVILLE	0	ALBION ST.	190	2.0	1.0	1.0	.7	.80	212.80
66	309010P	130020	CVAR	00007.56	STACYVILLE	0	RAILROAD ST.	150	2.0	1.0	1.2	.7	.80	201.60
66	309011W	071610	CVAR	00007.71	STACYVILLE	0	BROAD ST.	1159	5.0	1.0	1.0	.7	.85	3448.03
66	309012D	071720	CVAR	00072.67	SAINT ANSGAR	1	55E NW/C 26-100-18	150	2.0	1.0	1.0	.8	.80	192.00
66	309015Y	071710	CVAR	00073.72	SAINT ANSGAR	1	35E NW/C 23-100-18	29	2.0	1.0	1.0	.8	.80	37.12
66	309016F	096400	CVAR	00074.62	SAINT ANSGAR	1	20E 15SNWC 14-100-18	45	2.0	1.0	1.0	.8	.80	57.60
66	309017M	071700	CVAR	00074.75	SAINT ANSGAR	1	15E NW/C 14-100-18	126	2.0	1.0	1.0	.8	.80	161.28
40	309080E	132180	CC	00353.66	WEBSTER CITY	0	HARRIS DR.	627	7.0	.6	1.0	.9	.80	1896.05
57	309081L	136150	CC	NONE	CEDAR RAPIDS	0	H AVE NE	1423	1.5	.6	1.0	.7	.85	762.02
24	309095U	139030	CC	00449.19	DENISON	0	BOYER VALLEY RD.	604	.5	1.0	1.0	.7	.75	158.55
13	309096B	139070	CC	NONE	ROCKWELL CITY	0	SOUTH ST	344	.5	1.0	1.2	.7	.75	108.36
07	309098P	135520	CC	00276.94	WATERLOO	0	UTICA AT MULBERRY ST	1763	.5	.6	1.0	.7	.75	277.67
66	309099W	135510	CVAR	00000.06	OSAGE	1	55S NW/C 25-98-17	1	.5	1.0	1.0	.7	.75	999999.99
07	309100N	135230	CC	00001.67	WATERLOO	0	RIVER ROAD	7227	4.0	1.0	1.2	.7	.80	19426.18
07	309101V	135880	CC	00001.69	WATERLOO	0	WESTFIELD-IDA	7233	3.0	1.0	1.0	.7	.75	11391.98
07	309102C	135890	CC	00001.80	WATERLOO	0	WESTFIELD AVE	7233	4.0	1.0	1.0	.7	.80	16201.92
93	375647J	072140	S00	00362.92	SEYMOUR	1	65E NW/C 20-67-21	19	12.0	1.0	1.0	.9	.80	164.16
93	375650S	072150	S00	00358.89	SEYMOUR	1	50E 70SNW/C 34-68-21	354	12.0	.6	1.2	.9	.80	2202.16
93	375651Y	096880	S00	00358.73	SEYMOUR	1	55E 55SNW/C 34-68-21	40	12.0	1.0	1.0	.9	.80	345.60
93	375652F	096890	S00	00358.60	SEYMOUR	1	60E 50SNW/C 34-68-21	23	12.0	1.0	1.0	.9	.80	198.72
93	375653M	072160	S00	00358.03	SEYMOUR	1	12S NW/C 35-68-21	14	12.0	1.0	1.2	.9	.85	154.22
93	375654U	072170	S00	00357.89	SEYMOUR	1	10E NW/C 35-68-21	53	12.0	1.0	1.2	.9	.80	549.50
93	375655B	072180	S00	00356.53	SEYMOUR	1	06S NW/C 25-68-21	46	12.0	1.0	1.0	.9	.80	397.44
93	375656H	072190	S00	00355.39	SEYMOUR	1	49S NW/C 19-68-20	51	12.0	1.0	1.0	.9	.80	440.64

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
93	375657F	072210	S00	00354.09	SEYMOUR	1	25E 50SNW/C 20-68-20	40	12.0	1.0	1.0	.9	.80	345.60
93	375658W	072220	S00	00353.34	SEYMOUR	1	40S NW/C 21-68-20	32	12.0	1.0	1.0	.9	.80	276.48
93	375660X	072230	S00	00352.33	SEYMOUR	1	30S NW/C 22-68-20	25	12.0	1.0	1.0	.9	.80	216.00
93	375661E	072240	S00	00351.31	SEYMOUR	1	06S NW/C 23-68-20	140	12.0	1.0	1.0	.9	.80	1209.60
93	375663T	120000	S00	00350.78	SEYMOUR	0	8TH	219	12.0	1.0	1.0	.9	.80	1892.16
93	375664A	119990	S00	00350.72	SEYMOUR	0	LEE ST	558	12.0	1.0	1.2	.9	.80	5785.34
93	375665G	119980	S00	00350.66	SEYMOUR	0	SEVENTH ST	219	12.0	1.0	1.0	.9	.80	1892.16
93	375667V	119970	S00	00350.58	SEYMOUR	0	SIXTH ST	219	12.0	1.0	1.0	.9	.80	1892.16
93	375668C	015170	S00	00350.50	SEYMOUR	0	FIFTH ST.	1060	12.0	.6	1.0	.9	.85	5638.48
93	375669J	119960	S00	00350.42	SEYMOUR	0	FOURTH-ST	200	12.0	1.0	1.0	.9	.85	1836.00
93	375670D	120070	S00	00350.34	SEYMOUR	0	THIRD ST	200	12.0	1.0	1.0	.9	.85	1836.00
93	375671K	073730	S00	00349.64	SEYMOUR	1	50E 40SNW/C 13-68-20	36	12.0	1.0	1.0	.9	.85	330.48
04	375673Y	016150	S00	00348.25	SEYMOUR	1	50E47S NW/C 7-68-19	25	12.0	1.0	1.0	.9	.80	216.00
04	375675M	016170	S00	00347.60	SEYMOUR	1	94S NW/C 5-68-19	20	12.0	1.0	1.2	.9	.80	207.36
04	375677B	016180	S00	00346.69	SEYMOUR	1	71E50S NW/C 5-68-19	45	12.0	1.0	2.0	.9	.80	777.60
04	375678H	016190	S00	00346.63	SEYMOUR	1	75E49S NW/C 5-68-19	20	12.0	1.0	1.0	.9	.80	172.80
04	375679P	016200	S00	00345.88	SEYMOUR	1	50E40S NW/C 4-68-19	10	12.0	1.0	1.0	.9	.80	86.40
04	375681R	016210	S00	00344.86	MYSTIC	1	50E37S 3-68-19	100	12.0	1.0	1.0	.9	.80	864.00
04	375683E	016220	S00	00343.98	MYSTIC	1	25E91S NW/C 35-69-19	32	12.0	1.0	1.2	.9	.80	331.78
04	375691W	116250	S00	00338.60	MYSTIC	0	SECOND ST	200	12.0	1.0	1.0	.9	.80	1728.00
04	375692D	011940	S00	00338.51	MYSTIC	0	FIRST ST	1268	12.0	.6	1.0	.9	.80	6573.31
04	375693K	116240	S00	00338.11	MYSTIC	0	LODWICK ST.	219	12.0	1.0	1.0	.9	.85	2010.42
04	375695Y	016270	S00	00336.42	MYSTIC	1	05S NW/C 14-69-18	120	12.0	.6	1.0	.9	.80	622.08
04	375697M	001580	S00	00334.99	RATHBUN	1	95E10S NW/C 11-69-18	630	12.0	.6	1.0	.9	.80	3265.92
04	375698U	138890	S00	00334.60	RATHEUN	1	DUMP RD	100	12.0	1.0	1.0	.9	.80	99999.99



EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
04	3756998	016280	S00	00333.90	MYSTIC	1	50E25S NW/C 1-69-18	25	12.0	1.0	1.0	.9	.80	216.00
04	375701A	016290	S00	00332.86	MYSTIC	1	99E35S NW/C 36-70-18	25	12.0	1.0	1.0	.9	.80	216.00
04	375706J	016320	S00	00329.01	MORAVIA	1	70E NW/C 17-70-17	20	12.0	1.0	1.0	.9	.80	172.80
04	375710Y	016720	S00	00327.20	MORAVIA	0	W. NORTH ST	1300	12.0	.6	1.0	.9	.85	7160.40
04	375711F	092810	S00	00327.03	MORAVIA	0	W. MILWAUKEE ST	219	12.0	1.0	1.0	.9	.85	2010.42
68	375712M	040860	S00	00326.55	MORAVIA	1	90S NW/C 34-71-17	8	12.0	1.0	1.2	.9	.85	88.13
68	3757148	041030	S00	00326.09	MORAVIA	1	23E 50SNW/C 34-71-17	8	12.0	1.0	1.0	.9	.80	69.12
68	375718D	041040	S00	00323.41	MORAVIA	1	37E NW/C 25-71-17	20	12.0	1.0	1.2	.9	.80	207.36
68	375721L	040890	S00	00321.68	MORAVIA	1	86S NW/C 20-71-16	55	12.0	1.0	1.0	.9	.80	475.20
68	375727C	000930	S00	00319.67	MORAVIA	1	70S NW/C 22-71-16	47	12.0	.6	1.0	.9	.80	243.65
68	375729R	040900	S00	00318.82	BLAKESBURG	1	80E 64SNW/C 22-71-16	30	12.0	1.0	1.0	.9	.80	259.20
68	375732Y	040910	S00	00318.07	BLAKESBURG	1	57E 50SNW/C 23-71-16	16	12.0	1.0	1.2	.9	.80	165.89
68	375733F	040920	S00	00317.47	BLAKESBURG	1	07S NW/C 24-71-16	68	12.0	1.0	1.0	.9	.80	587.52
90	3757368	061250	S00	00316.22	BLAKESBURG	1	40S NW/C 18-71-15	430	13.0	.1	1.2	.9	1.00	603.72
90	375739W	099000	S00	00315.59	BLAKESBURG	0	SOUTH ST.	130	13.0	1.0	1.0	.9	.85	1292.85
90	375740R	098990	S00	00315.43	BLAKESBURG	0	HICKORY ST.	200	13.0	1.0	1.0	.9	.80	1872.00
90	375742E	061240	S00	00314.48	BLAKESBURG	1	60E 80S NW/C 6-71-15	41	12.0	1.0	1.0	.9	.80	354.24
90	375745A	061230	S00	00312.28	BLAKESBURG	1	20S NW/C 33-72-15	33	12.0	1.0	1.0	.9	.80	285.12
90	375747N	061220	S00	00310.46	BLAKESBURG	1	50E 70SNW/C 27-72-15	65	12.0	1.0	1.0	.9	.80	561.60
90	375753S	061200	S00	00307.96	OTTUMWA	1	50E 80SNW/C 24-72-15	30	12.0	1.0	1.0	.9	.80	259.20
90	375759H	061180	S00	00305.04	OTTUMWA	1	40S NW/C 28-72-14	50	12.0	1.0	1.0	.9	.80	432.00
90	375761J	023230	S00	00304.27	OTTUMWA	1	60E 30S NW/C28-72-14	860	18.0	.6	1.0	.7	.80	5201.28
90	375763X	092990	COE	NONE	OTTUMWA	0	IOWA AVE.	3170	.5	1.0	1.0	.7	.75	832.13
90	375765L	093000	COE	NONE	OTTUMWA	0	S. VINE ST	690	.5	1.0	1.0	.7	.75	181.13
90	375766T	093010	COE	NONE	OTTUMWA	0	S. PLUM ST.	300	.5	1.0	1.0	.7	.75	999999.99

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
90	375770H	118020	COE	NONE	OTTUMWA	0	S. GREEN ST.	1270	.5	1.0	1.0	.7	.75	333.38
90	375771P	118000	S00	NONE	OTTUMWA	0	MARKET ST	5460	12.0	.6	1.0	.7	.75	20636.80
90	375775S	117890	COE	NONE	OTTUMWA	0	WAPELLO ST	3079	.5	1.0	1.0	.7	.75	999999.99
90	375779U	023520	S00	00302.42	OTTUMWA	0	QUINCY ST	1010	22.0	1.0	1.0	.7	.80	12443.20
90	375781V	050630	S00	00301.50	OTTUMWA	0	W. SECOND ST.	4550	18.0	.6	1.2	.7	.80	33022.08
90	375784R	091450	S00	00300.96	OTTUMWA	0	CALDWELL ST	650	13.0	.6	1.0	.7	.80	2839.20
90	375787L	061170	S00	00298.93	OTTUMWA	1	40E 85S NW/C 1-72-14	250	13.0	.1	1.0	.7	1.00	227.50
90	375792H	061260	S00	00297.01	OTTUMWA	1	70S NW/C 32-73-13	160	12.0	1.0	1.0	.9	.80	1382.40
90	375795D	061270	S00	00295.86	OTTUMWA	1	20S NW/C 33-73-13	30	12.0	1.0	1.0	.9	.80	259.20
90	375797S	061280	S00	00295.29	OTTUMWA	1	50E 01SNW/C 33-73-13	20	12.0	1.0	1.0	.9	.80	172.80
90	375798Y	061290	S00	00295.17	OTTUMWA	1	75E NW/C 33-73-13	15	12.0	1.0	1.2	.9	.80	155.52
90	375803T	061300	S00	00293.16	OTTUMWA	1	50E 30SNW/C 26-73-13	40	12.0	1.0	1.0	.9	.80	345.60
90	375806N	061310	S00	00292.34	OTTUMWA	1	20E NW/C 25-73-13	32	12.0	1.0	1.2	.9	.80	331.78
90	375808C	061320	S00	00291.55	OTTUMWA	1	70S NW/C 19-73-12	710	12.0	.6	1.0	.9	.80	3680.64
90	375811K	061330	S00	00289.36	OTTUMWA	1	90S NW/C 16-73-12	110	12.0	1.0	1.0	.9	.80	950.40
90	375816U	061340	S00	00288.11	OTTUMWA	1	10E 50SNW/C 15-73-12	157	12.0	1.0	1.2	.9	.80	1627.78
90	375817B	061350	S00	00287.71	OTTUMWA	1	60E 30SNW/C 15-73-12	25	12.0	1.0	1.0	.9	.80	216.00
90	375820J	061360	S00	00286.15	OTTUMWA	1	80S NW/C 12-73-12	50	12.0	1.0	1.0	.9	.80	432.00
51	375822X	062280	S00	00284.46	RICHLAND	1	50E 20S NW/C 7-73-11	60	12.0	1.0	1.0	.9	.80	518.40
51	375824L	062290	S00	00283.87	RICHLAND	1	05E NW/C 8-73-11	151	12.0	1.0	1.2	.9	.85	1663.42
51	375827G	062300	S00	00282.86	RICHLAND	1	63S NW/C 4-73-11	23	12.0	1.0	1.0	.9	.80	198.72
54	375831W	061950	S00	00280.83	RICHLAND	1	86S NW/C 35-74-11	11	12.0	1.0	1.0	.9	.80	95.04
54	375834S	061960	S00	00279.66	RICHLAND	1	53S NW/C 36-74-11	710	12.0	.6	1.0	.9	.80	3680.64
54	375835Y	061970	S00	00279.40	RICHLAND	1	25E 45SNW/C 36-74-11	20	12.0	1.0	1.2	.9	.80	207.36
54	375838U	061980	S00	00277.40	RICHLAND	1	80S NW/C 29-74-10	5	12.0	1.0	1.2	.9	.80	51.84

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
54	375840V	009980	S00	00273.98	RICHLAND	1	50E 50SNW/C 22-74-10	720	12.0	.1	1.0	.9	.85	660.96
54	375841C	001640	S00	00273.16	RICHLAND	1	35S NW/C 23-74-10	30	12.0	1.0	1.0	.9	.80	259.20
54	375843R	062020	S00	00272.54	RICHLAND	1	75E 06SNW/C 23-74-10	1	12.0	1.0	1.0	.9	.80	8.64
54	375844X	062030	S00	00272.54	RICHLAND	1	25E 65SNW/C 13-74-10	20	12.0	1.0	1.2	.9	.80	207.36
92	375846L	062320	S00	00271.26	WASHINGTON	1	35ENWC18-74-9	73	12.0	.1	1.0	.9	.85	67.01
92	375848A	062340	S00	00269.23	WASHINGTON	1	25E15S NW/C 9-74-9	2	12.0	1.0	1.0	.9	.80	17.28
92	375850B	062360	S00	00267.87	WASHINGTON	1	60SNWC2-74-9	16	12.0	1.0	1.0	.9	.80	138.24
92	375861N	062400	S00	00262.66	WASHINGTON	1	25SNWC28-75-8	57	12.0	1.0	1.0	.9	.80	492.48
92	375862V	062410	S00	00261.88	WASHINGTON	1	75ENWC28-75-8	4	12.0	1.0	1.2	.9	.80	41.47
92	375863C	062420	S00	00261.61	WASHINGTON	1	92SNWC22-75-8	30	12.0	1.0	1.0	.9	.80	259.20
92	375866X	062430	S00	00260.30	WASHINGTON	1	25E60SNWC23-75-8	25	12.0	1.0	1.0	.9	.80	216.00
92	375872B	062440	S00	00257.97	WASHINGTON	0	WEST MAIN ST.	259	12.0	1.0	1.2	.9	.80	2685.31
92	375875W	123470	S00	00257.80	WASHINGTON	0	N AVE F	150	12.0	1.0	1.0	.9	.80	1296.00
92	375876D	123490	S00	00257.74	WASHINGTON	0	N AVE D	300	13.0	1.0	1.0	.9	.80	2838.00
92	375877K	123500	S00	00257.71	WASHINGTON	0	N AVE C	400	13.0	1.0	1.0	.9	.80	3744.00
92	375878S	123510	S00	00257.62	WASHINGTON	0	N AVE B	400	13.0	.6	1.0	.9	.80	2246.40
92	375879Y	090230	S00	00257.50	WASHINGTON	0	N MARION AVE	1000	7.0	.6	1.0	.9	.80	3024.00
92	375880T	123520	S00	00062.99	WASHINGTON	0	N IOWA AVE	1700	.5	.6	1.0	.7	.85	303.45
92	375882G	123530	S00	00062.81	WASHINGTON	0	N-FOURTH AVE.	500	.5	1.0	1.0	.7	1.00	999999.99
92	375883N	062450	S00	00062.29	WASHINGTON	0	12TH AVE N.	1850	.5	.6	1.0	.7	.85	330.23
70	375953B	093150	S00	00029.66	MUSCATINE	0	HOUSER ST	4720	.5	.6	1.0	.7	.80	792.96
70	375954H	014270	S00	00028.72	MUSCATINE	0	GRANDVIEW AVE.	6200	.5	.6	1.2	.7	.85	1328.04
70	375955F	116060	S00	00028.26	MUSCATINE	0	OREGON ST.	8350	.5	.6	1.0	.7	1.00	1753.50
82	375965V	105520	S00	00001.96	DAVENPORT	0	E.29TH ST.	4890	1.0	.6	1.0	.8	.80	1877.76
82	375966C	093210	S00	00002.23	DAVENPORT	0	33RD ST.	1105	1.0	1.0	1.0	.8	.80	707.20



## EXPOSURE INDEX LIST BY FRA NUMBER

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82	375967J	011620	S00	00002.50	DAVENPORT	0	KIMBERLY RD	25500	1.0	.6	1.0	.8	.80	9792.00
82	375968R	093220	S00	00002.72	DAVENPORT	0	E. 39TH	1956	1.0	.6	1.0	.8	.80	751.10
82	375970S	061680	S00	00003.80	DAVENPORT	0	53RD ST	8650	1.0	.6	1.0	.8	.80	3321.60
82	375972F	061660	S00	00006.48	DAVENPORT	1	12E NW/C 36-79-3	3290	1.0	.6	1.0	.7	.80	1105.44
82	375974U	008110	S00	00006.60	DAVENPORT	1	13E 90S NW/C 25-79-3	2150	1.0	1.0	1.0	.8	.80	1376.00
82	375976H	061650	S00	00007.55	ELDRIDGE	0	BLACK HAWK TRAIL	622	1.0	.6	1.0	.8	.80	238.85
82	375979D	061640	S00	00008.60	ELDRIDGE	0	LINCOLN RD	474	.5	1.0	1.0	.7	.80	132.72
82	375981E	093250	S00	00009.50	ELDRIDGE	0	E-IOWA ST.	200	.5	1.0	1.0	.7	.80	56.00
82	375982L	024910	S00	00009.63	ELDRIDGE	0	W-LECLAIRE	5920	.5	1.0	1.0	.7	.80	1657.60
82	375983T	108920	S00	00009.97	ELDRIDGE	0	N. SECOND ST.	384	.5	1.0	1.2	.7	.80	129.02
82	375984A	093260	S00	00009.96	ELDRIDGE	0	DAVIES ST.	384	.5	1.0	1.0	.7	.80	999999.99
82	375985G	108940	S00	00010.03	ELDRIDGE	0	PRICE ST.	384	.5	1.0	1.0	.7	.80	107.52
82	375986N	108900	S00	00009.72	ELDRIDGE	0	N-FIRST ST	1710	.5	1.0	1.2	.7	.80	574.56
82	375988C	108880	S00	00009.78	ELDRIDGE	0	W-DAVENPORT	833	.5	1.0	1.0	.7	.80	233.24
82	375990D	108890	S00	00009.81	ELDRIDGE	0	FRANKLIN ST.	833	.5	1.0	1.0	.7	.75	999999.99
82	375991K	061600	S00	00009.87	ELDRIDGE	0	N-FIRST ST	1710	.5	1.0	1.2	.7	.80	574.56
82	375992S	108910	S00	00009.90	ELDRIDGE	0	W-DONAHUE ST.	9161	.5	1.0	1.0	.7	.85	2725.40
82	375996U	093270	S00	00195.25	DAVENPORT	0	S-CONCORD ST.	1090	26.0	.1	1.0	.9	1.00	2550.60
82	375998H	127540	S00	00192.84	DAVENPORT	0	GAINES ST.	440	.5	1.0	1.0	.7	.75	999999.99
82	376011C	092880	S00	00191.45	DAVENPORT	0	QUADCITYMARINAXNG	330	22.0	1.0	1.0	.7	.80	999999.99
23	376021H	090040	S00	00157.20	CLINTON	0	6TH AVE. S.	1000	18.0	.6	1.0	.7	.80	6048.00
23	376022F	090030	S00	00157.10	CLINTON	0	5TH AVE S.	3000	18.0	1.0	1.0	.7	.85	32130.00
23	376023W	103040	S00	00157.00	CLINTON	0	4TH AVE S.	1400	18.0	1.0	1.0	.7	.85	14994.00
23	376024D	103000	S00	00156.71	CLINTON	0	2ND AVE. S.	1240	23.0	1.0	1.0	.7	.75	14973.00
23	376026S	092970	S00	00156.53	CLINTON	0	6TH AVE N	2000	23.0	.6	1.0	.7	.80	15456.00

EXPOSURE INDEX LIST BY FRA NUMBER

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23	376027Y	102970	S00	00156.21	CLINTON	0	9TH AVE. N	400	23.0	.6	1.0	.7	.80	3091.20
23	376029M	102950	S00	00156.04	CLINTON	0	11TH AVE. N.	400	20.0	1.0	1.0	.7	.80	4480.00
23	376030G	102940	S00	00155.95	CLINTON	0	12TH AVE. N.	400	20.0	1.0	1.0	.7	.80	4480.00
23	376032V	102920	S00	00155.73	CLINTON	0	14TH AVE. N.	200	17.0	1.0	1.0	.7	.80	1904.00
23	376033C	102910	S00	00155.68	CLINTON	0	15TH AVE. N.	200	17.0	1.0	1.0	.7	.80	1904.00
23	376036X	102890	S00	00155.49	CLINTON	0	17TH AVE N	500	17.0	1.0	1.0	.7	.85	5057.50
23	376037E	102880	S00	00155.39	CLINTON	0	18TH AVE N	500	17.0	1.0	1.0	.7	.85	5057.50
23	376038L	102870	S00	00155.09	CLINTON	0	21ST AVE. N.	950	16.0	1.0	1.0	.7	.85	9044.00
23	376039T	102850	S00	00154.89	CLINTON	0	23RD AVE. N.	1000	16.0	1.0	1.0	.7	.85	9520.00
23	376040M	047890	S00	00154.79	CLINTON	0	MAIN ST	3870	16.0	.6	1.0	.7	.80	20805.12
23	376041U	102840	S00	00154.72	CLINTON	0	25TH AVE. N.	100	16.0	1.0	1.0	.7	.80	896.00
23	376043H	129370	S00	00154.20	CLINTON	0	30TH AVE. N.	200	16.0	1.0	1.0	.7	.85	1904.00
23	376044P	102820	S00	00154.10	CLINTON	0	31ST AVE. N.	200	16.0	1.0	1.0	.7	.85	1904.00
23	376045W	102810	S00	00154.00	CLINTON	0	32ND AVE. N.	200	16.0	1.0	1.2	.9	.80	2764.80
23	376046D	092980	S00	00153.80	CLINTON	0	36TH AVE N	200	16.0	1.0	1.0	.9	.80	2374.00
23	376047K	023460	S00	00150.29	CLINTON	1	85E80S NW/C 6-82-E7	250	6.0	1.0	1.0	.9	.80	1080.00
23	376052G	023430	S00	00147.68	SABULA	1	95E25S NW/C 30-83-E7	79	16.0	1.0	1.0	.9	.80	910.08
49	376057R	057870	S00	00003.33	SABULA	1	25E NW/C 7-84-7	148	4.0	.6	1.0	.8	.80	227.33
49	376058X	057860	S00	00009.69	GREEN ISLAND	1	65E30S NW/C 29-85-6	63	4.0	1.0	1.0	.8	1.00	201.60
49	376059E	057850	S00	00011.76	GREEN ISLAND	0	MAIN ST	100	4.0	1.0	1.2	.8	1.00	384.00
49	376071L	134310	S00	00016.88	GREEN ISLAND	1	PLEASANT CREEK PARK	11	4.0	1.0	1.0	.8	.80	28.16
49	376074G	036920	S00	00019.20	BELLEVUE	1	15E78S NW/C 20-86-5	100	4.0	1.0	1.0	.8	.80	256.00
49	376075N	095670	S00	00019.62	BELLEVUE	1	99E65S NW/C 19-86-5	100	4.0	1.0	1.0	.8	.80	256.00
49	376076V	140280	S00	00019.74	BELLEVUE	1	PARK ACCESS	20	6.0	1.0	1.0	.7	.80	67.20
49	376078J	098910	S00	00020.40	BELLEVUE	0	ELM ST.	200	4.0	1.0	1.0	.7	.85	476.00

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CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
49	376079R	098900	S00	00020.44	BELLEVUE	0	SECOND ST	800	4.0	1.0	2.0	.7	.85	3806.00
49	376080K	098890	S00	00020.48	BELLEVUE	0	SPRUCE ST	200	4.0	1.0	1.0	.7	.85	476.00
49	376081S	098880	S00	00020.54	BELLEVUE	0	ROSE ST	250	4.0	1.0	1.0	.7	.85	595.00
49	376082Y	098870	S00	00020.60	BELLEVUE	0	VINE ST	250	4.0	1.0	1.0	.7	.85	595.00
49	376083F	098860	S00	00020.62	BELLEVUE	0	CHURCH ST.	250	4.0	1.0	1.0	.7	.85	595.00
49	376084M	098850	S00	00020.72	BELLEVUE	0	CHESTNUT ST.	300	4.0	1.0	1.0	.7	.80	672.00
49	376085U	098840	S00	00020.78	BELLEVUE	0	JEFFERSON ST.	283	4.0	1.0	1.0	.7	.80	633.92
49	376086B	098830	S00	00020.84	BELLEVUE	0	COURT ST	200	4.0	1.0	1.0	.7	.80	448.00
49	376087H	091660	S00	00020.89	BELLEVUE	0	STATE ST.	1850	4.0	.6	1.0	.7	.80	2486.40
49	376088P	092780	S00	00020.92	BELLEVUE	0	2ND ST.	1222	4.0	1.0	1.0	.7	.80	999999.99
49	376089W	098730	S00	00020.95	BELLEVUE	0	MARKET ST	200	4.0	1.0	1.0	.7	.80	448.00
49	376090R	098740	S00	00021.05	BELLEVUE	0	PARK ST	300	4.0	1.0	1.0	.7	.80	672.00
49	376091X	098750	S00	00021.09	BELLEVUE	0	FRANKLIN ST.	300	4.0	1.0	1.0	.7	.80	672.00
49	376092E	098760	S00	00021.14	BELLEVUE	0	SPRING ST.	376	4.0	1.0	1.0	.7	.80	842.24
49	376093L	098770	S00	00021.20	BELLEVUE	0	BELLE ST.	150	4.0	1.0	1.0	.7	.80	336.00
49	376094T	098780	S00	00021.27	BELLEVUE	0	SYLVAN ST	150	4.0	1.0	1.0	.7	.80	336.00
49	376095A	098790	S00	00021.33	BELLEVUE	0	OAK ST	219	4.0	1.0	1.0	.7	.80	490.56
49	376096G	098800	S00	00021.42	BELLEVUE	0	HIGH ST.	224	4.0	1.0	1.0	.7	.80	501.76
49	376097N	098820	S00	00021.64	BELLEVUE	0	MOTTE ST	200	4.0	1.0	1.0	.7	.85	476.00
49	376098V	092790	S00	00021.96	BELLEVUE	0	RIVERSIDE RD.(7-86-5	100	4.0	1.0	1.0	.8	.85	272.00
49	376099C	033550	S00	00022.09	BELLEVUE	1	10E40S NW/C 7-86-5	30	4.0	1.0	1.2	.8	.85	97.92
49	376105D	057810	S00	00023.80	BELLEVUE	1	70E75S NW/C 36-87-4	665	4.0	.6	1.0	.8	.80	1021.44
31	376108Y	001700	S00	00036.50	DUBUQUE	1	20E80S NW/C 14-88-3E	277	4.0	1.0	1.0	.8	.80	709.12
31	376113V	107770	S00	00043.08	DUBUQUE	0	JONES ST.	300	4.0	.6	1.0	.7	.80	403.20
31	376114C	107780	S00	00043.23	DUBUQUE	0	FIRST ST.	250	4.0	.6	1.2	.7	.80	403.20



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
31	376115J	107800	S00	00043.31	DUBUQUE	0	SECOND ST.	368	5.0	.6	1.0	.7	1.00	772.80
31	376116R	107810	S00	00043.37	DUBUQUE	0	THIRD ST.	1151	5.0	.6	1.0	.7	1.00	2417.10
31	376117X	046820	S00	00043.44	DUBUQUE	0	FOURTH ST.	1030	5.0	.6	1.0	.7	1.00	2163.00
31	376118E	107820	S00	00043.68	DUBUQUE	0	SIXTH	360	5.0	1.0	1.0	.7	.85	1071.00
31	376119L	107830	S00	00043.68	DUBUQUE	0	SEVENTH ST.	200	5.0	.6	1.2	.7	.80	403.20
31	376120F	107850	S00	00043.77	DUBUQUE	0	EIGHTH ST.	50	5.0	.6	1.0	.7	.80	84.00
31	376121M	107910	S00	00043.83	DUBUQUE	0	E. NINTH ST.	5650	8.0	.6	1.0	.7	.80	15187.20
31	376122U	107930	S00	00043.97	DUBUQUE	0	E. ELEVENTH ST.	5990	8.0	.6	1.0	.7	.80	16101.12
31	376123B	107940	S00	00044.01	DUBUQUE	0	TWELFTH ST.	650	8.0	.6	1.0	.7	.80	1747.20
31	376124H	107950	S00	00044.07	DUBUQUE	0	THIRTEENTH	100	8.0	1.0	1.0	.7	.80	448.00
31	376125F	107960	S00	00044.13	DUBUQUE	0	E. FOURTEENTH ST	2256	8.0	.6	1.0	.7	.80	6064.13
31	376126W	107970	S00	00044.19	DUBUQUE	0	FIFTEENTH	1800	8.0	.6	1.0	.7	.80	4838.40
31	376127D	107980	S00	00044.26	DUBUQUE	0	SIXTEENTH ST	1100	8.0	.6	1.0	.7	.85	3141.60
31	376129S	108160	S00	00046.05	DUBUQUE	0	HAWTHORNE ST	2000	8.0	.6	1.0	.7	.80	5376.00
31	376132A	108180	S00	00046.19	DUBUQUE	0	LINCOLN AVE.	600	8.0	1.0	1.0	.7	.80	2688.00
31	376134N	095710	S00	00049.35	DUBUQUE	1	80E20S NW/C 35-90-2E	458	4.0	1.0	1.0	.8	.85	1245.76
22	376139X	116750	S00	00067.22	NORTH BUENA VISTA	0	MAIN ST.	219	4.0	1.0	1.0	.8	.80	560.64
22	376144U	126460	S00	00077.59	GLTTENBERG	0	DEKALB ST	514	4.0	1.0	1.0	.7	.85	1223.32
22	376145B	126450	S00	00077.76	GLTTENBERG	0	KOERNER ST.	833	4.0	1.0	1.0	.7	.85	1982.54
22	376146H	058390	S00	00078.11	GLTTENBERG	0	SCHILLER ST.	424	4.0	.6	1.0	.7	.85	605.47
22	376147F	126430	S00	00078.20	GUTTENBERG	0	HERDER ST.	342	4.0	1.0	1.0	.7	.85	813.96
22	376148W	126420	S00	00078.29	GUTTENBERG	0	GOETHE ST.	670	4.0	1.0	1.0	.7	.80	1500.80
22	376149D	126410	S00	00078.38	GLTTENBERG	0	PEARL ST.	392	4.0	1.0	1.0	.7	.80	878.08
22	376150X	126400	S00	00078.47	GUTTENBERG	0	MAIN ST.	200	4.0	1.0	1.0	.7	.80	448.00
22	376151E	126390	S00	00078.56	GLTTENBERG	0	CHINA ST.	421	4.0	1.0	1.0	.7	.85	1001.98

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
22	376152L	126380	S00	00078.65	GUTTENBERG	0	REGENT ST.	400	4.0	1.0	1.0	.7	.85	952.00
22	376153T	126370	S00	00078.74	GUTTENBERG	0	PRYAM ST	421	4.0	1.0	1.0	.7	.85	1001.98
22	376154A	126340	S00	00078.92	GUTTENBERG	0	HAYDEN ST	558	4.0	.6	1.0	.7	.80	749.95
22	376155G	093160	S00	00079.01	GUTTENBERG	0	WASHINGTON ST.	219	4.0	1.0	1.0	.7	.80	490.56
22	376156N	093170	S00	00079.37	GUTTENBERG	0	KOSCIUSKO ST.	219	4.0	1.0	1.0	.7	.80	490.56
22	376157V	093810	S00	00079.88	GUTTENBERG	0	MARINA RD	835	4.0	1.0	1.0	.8	.80	2137.60
22	376158C	093620	S00	00080.71	GUTTENBERG	1	ESSEMAN ISLAND RD	120	4.0	1.0	1.0	.8	.80	307.20
22	376159J	093830	S00	00082.67	GUTTENBERG	1	PUBLIC PARK RD.	55	4.0	1.0	1.0	.8	.85	149.60
22	376168H	093890	S00	00087.80	CLAYTON	0	MAIN ST.	342	4.0	1.0	1.0	.8	.80	875.52
22	376173E	093850	S00	00096.11	MC GREGOR	0	WATER STREET	219	4.0	1.0	1.0	.8	.80	560.64
22	376176A	093860	S00	00096.75	MC GREGOR	0	A ST	210	4.0	1.0	1.0	.8	.80	537.60
22	376177G	093870	S00	00097.07	MARQUETTE	1	PUBLIC RIVER ACCESS	70	4.0	1.0	1.0	.8	.85	190.40
22	376178N	012260	S00	00097.82	MARQUETTE	0	1ST ST	2570	4.0	.6	2.0	.8	.80	7895.04
22	376179V	012540	S00	00097.95	MARQUETTE	0	1ST ST	3966	2.0	.6	1.2	.8	.75	3443.90
22	376181W	093900	S00	00097.96	MARQUETTE	0	PUBLIC ACCESS RD	80	2.0	1.0	1.0	.8	.85	999999.99
22	376182D	093910	S00	00098.75	MARQUETTE	0	PUBLIC ACCESS RD.	213	2.0	1.0	1.0	.8	.80	272.64
03	376187M	076440	S00	00105.88	HARPERS FERRY	1	45E90S NW/C 3-96-3	1	2.0	1.0	1.0	.8	.80	1.28
03	376188U	093240	S00	00106.21	HARPERS FERRY	1	NOBLES ISLAND	30	2.0	1.0	1.0	.8	.80	38.40
03	376192J	076420	S00	00109.47	HARPERS FERRY	0	CHESTNUT ST.	2113	2.0	.6	1.0	.8	.80	1622.78
03	376193R	126860	S00	00109.61	HARPERS FERRY	0	JEFFERSON AVE	150	2.0	1.0	1.0	.8	.85	204.00
03	376195E	076430	S00	00110.46	HARPERS FERRY	1	48E90S NW/C 13-97-3	179	2.0	1.0	1.0	.8	.80	229.12
03	376205H	112540	S00	00124.70	LANSING	0	WALNUT ST.	100	2.0	.6	1.0	.8	.80	999999.99
03	376208D	093180	S00	00125.20	LANSING	0	WATERFRONT ENTRANCE	200	2.0	1.0	1.0	.8	.80	999999.99
03	376209K	112530	S00	00125.23	LANSING	0	MAIN ST.	2309	2.0	1.0	1.0	.8	.80	2955.52
03	376219R	076240	S00	00134.15	NEW ALBIN	1	75E 65S NW/C15-100-4	8	2.0	1.0	1.0	.8	.80	10.24

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
03	376224M	116370	S00	00136.15	NEW ALBIN	0	RODGERS ST.	558	2.0	1.0	1.0	.8	.80	714.24
03	376225U	116380	S00	00136.25	NEW ALBIN	0	ELM ST.	1106	2.0	1.0	1.0	.8	.85	1504.16
03	376226B	116390	S00	00136.31	NEW ALBIN	0	OAK ST	342	2.0	1.0	1.0	.8	.85	465.12
49	376255L	057840	S00	00152.96	GREEN ISLAND	0	JAMES ST.	293	.5	1.0	1.0	.7	.75	76.91
57	376391L	020180	CC	00225.78	MARION	0	35TH ST.	4150	1.0	1.0	1.0	.7	1.00	2905.00
57	376672V	114300	CC	00226.64	MARION	0	19TH ST.	400	1.0	1.0	1.0	.7	1.00	280.00
57	376674J	114290	CC	00226.73	MARION	0	16TH ST.	542	1.0	1.0	1.0	.7	1.00	379.40
57	376675R	114270	CC	00226.78	MARION	0	15TH ST.	1359	1.0	1.0	1.0	.7	1.00	951.30
57	376676X	114260	CC	00226.82	MARION	0	14TH ST	292	1.0	1.0	1.0	.7	1.00	204.40
57	376677E	090140	CC	00226.88	MARION	0	13TH ST.	2100	10.0	.6	1.0	.7	.85	7497.00
57	376678L	114250	CC	00226.94	MARION	0	12TH ST.	1290	1.0	1.0	1.0	.7	.80	722.40
57	376679T	114240	CC	00227.00	MARION	0	11TH ST.	5750	1.0	.6	1.0	.7	.80	1932.00
57	376680M	114230	CC	00227.06	MARION	0	10TH ST.	829	1.0	1.0	1.0	.7	.80	464.24
57	376681U	114220	CC	00227.12	MARION	0	9TH ST.	500	1.0	1.0	1.0	.7	.80	280.00
57	376698X	100290	CC	00088.24	CEDAR RAPIDS	0	20TH ST. N.E.	2904	7.0	.6	1.0	.8	.80	7805.95
57	376701D	100270	CC	00087.83	CEDAR RAPIDS	0	17TH ST. NE	2690	7.0	.6	1.0	.8	.80	7230.72
57	376703S	100260	CC	00087.71	CEDAR RAPIDS	0	16TH ST. NE	1660	7.0	.6	1.0	.8	.80	4462.08
57	376704Y	090680	CC	00087.30	CEDAR RAPIDS	0	CENTER POINT RD.	13200	9.0	.6	2.0	.8	.85	96940.80
57	376706M	091800	CC	00229.10	CEDAR RAPIDS	0	C AVE	1790	.5	.8	1.2	.7	.85	511.22
57	376707U	045090	CIC	00000.10	CEDAR RAPIDS	0	8TH AVE SE	9073	4.0	.1	1.0	.7	.85	2159.37
57	376708B	091420	CIC	00000.21	CEDAR RAPIDS	0	3RD ST. SE	4420	4.0	.6	1.0	.7	.80	5940.48
57	376709H	091410	CIC	00000.28	CEDAR RAFIDS	0	2ND ST. SE	4500	4.0	.6	1.0	.7	.80	6048.00
57	376710C	136520	CIC	00000.32	CEDAR RAPIDS	0	ALLEY	50	4.0	1.0	1.0	.7	.85	99999.99
57	376711J	090860	CIC	00000.35	CEDAR RAFIDS	0	1ST ST. SE	1730	4.0	1.0	1.0	.7	.85	4117.40
57	376717A	058360	CIC	00000.67	CEDAR RAPIDS	0	1ST ST. SW	9872	13.0	.6	1.0	.7	.85	45815.95



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
57	376718G	100560	CIC	00000.75	CEDAR RAPIDS	0	2ND ST. SW.	2757	13.0	.6	1.0	.7	1.00	15053.22
57	376719N	100570	CIC	00000.82	CEDAR RAPIDS	0	3RD ST. SW	4800	13.0	.6	1.0	.7	.85	22276.80
57	376722W	100650	CIC	00000.89	CEDAR RAPIDS	0	L ST. SW	925	9.0	1.0	1.0	.7	.85	4953.38
57	376723D	090910	CIC	00001.03	CEDAR RAPIDS	0	4TH ST. SW	700	9.0	.6	1.0	.7	.85	2249.10
57	376725S	100690	CIC	00001.17	CEDAR RAPIDS	0	6TH ST. SW	9080	9.0	.6	1.0	.7	.85	29174.04
57	376726Y	100680	CIC	00001.37	CEDAR RAPIDS	0	9TH ST. SW	2270	9.0	1.0	1.0	.7	.85	12155.85
57	376727F	100670	CIC	00001.47	CEDAR RAPIDS	0	10TH ST. SW	800	9.0	1.0	1.0	.7	.85	4284.00
57	376730N	080370	CIC	00002.28	CEDAR RAPIDS	0	WILSON AVE	6900	4.0	.6	1.0	.7	.85	9853.20
57	376734R	080390	CIC	00004.68	CEDAR RAPIDS	1	EDGEWOOD ROAD SW.	2460	2.0	1.0	1.2	.7	.80	3306.24
57	376736E	080400	CIC	00005.64	CEDAR RAPIDS	1	25E 55S NW/C 13-82-8	10	2.0	1.0	1.2	.7	.80	13.44
57	376739A	080410	CIC	00007.97	FAIRFAX	1	43S NW/C 15-82-8	404	2.0	1.0	1.0	.7	.80	452.48
57	376740U	007330	CIC	00008.47	FAIRFAX	0	WILLIAMS BLVD.	113	2.0	1.0	1.0	.7	.85	134.47
57	376741B	007320	CIC	00008.60	FAIRFAX	1	35E 50S NW/C 16-82-8	85	2.0	1.0	1.2	.7	.85	121.38
57	376742H	080440	CIC	00009.07	FAIRFAX	1	75S NW/C 16-82-8	55	2.0	1.0	1.2	.7	.80	73.92
57	376746K	080450	CIC	00010.59	WALFORD	1	75S NW/C 20-82-8	1160	2.0	1.0	1.0	.7	.80	1299.20
57	376749F	005730	CIC	00011.91	WALFORD	1	75S NW/C 30-82-8	470	2.0	1.0	1.2	.7	.80	631.68
06	376750A	092910	CIC	00012.10	WALFORD	0	2ND AVE.	342	2.0	1.0	1.2	.7	.85	488.38
06	376751G	005740	CIC	00012.27	WALFORD	1	1ST AVE. W.	390	2.0	1.0	1.2	.7	.80	524.16
06	376754C	074050	CIC	00013.20	WALFORD	1	45S NW/C 36-82-09	62	2.0	1.0	1.2	.7	.80	83.33
48	376757X	062050	CIC	00014.73	WALFORD	1	85E NW/C 11-81-9	200	2.0	1.0	1.0	.7	.80	224.00
48	376759L	062060	CIC	00015.74	AMANA	1	75E NW/C 14-81-9	14	2.0	1.0	1.0	.7	.80	15.68
48	376760F	062070	CIC	00017.36	AMANA	1	30E55S NW/C 24-81-9	180	2.0	1.0	1.2	.7	.80	241.92
48	376761M	055890	CIC	00017.58	AMANA	1	20E87S NW/C 24-81-9	15	2.0	1.0	1.0	.7	.80	16.80
48	376764H	062080	CIC	00018.82	AMANA	1	25E60S NW/C 26-81-9	909	3.0	1.0	1.0	.7	.85	1622.57
48	376767D	006970	CIC	00019.34	AMANA	1	70E60S NW/C 27-81-9	3650	2.0	.6	1.0	.7	.80	2452.80

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
57	376904H	131240	CC	00228.18	MARION	0	LINDALE DR NE	7574	1.0	.6	1.0	.7	.80	2544.86
57	376906W	080170	CC	00229.10	CEDAR RAPIDS	0	C. AVE NE	5294	1.0	.6	1.0	.7	.80	1778.78
57	376907D	080160	CC	00229.32	CEDAR RAPIDS	0	BLAIRS FERRY RD NE	14000	1.0	.6	1.2	.7	.80	5644.80
57	376908K	131300	CC	00230.13	CEDAR RAPIDS	0	COUNCIL ST. NE	6440	1.0	.6	1.0	.7	.85	2299.08
85	377097S	072750	CNW	00340.19	SLATER	1	50S NW/C 30-82-24	110	6.0	1.0	1.0	.9	.85	504.90
08	377098Y	072660	CNW	00341.20	SLATER	1	70S NW/C 25-82-25	48	6.0	1.0	1.0	.9	.80	207.36
08	377100X	072650	CNW	00342.72	MADRID	1	50E93S NW/C 27-82-25	37	6.0	1.0	1.0	.9	.80	159.84
08	377103T	072640	CNW	00344.22	MADRID	1	94S NW/C 28-82-25	40	6.0	1.0	1.0	.9	.80	172.80
08	377105G	001150	CNW	00345.01	MADRID	1	25E NW/C 32-82-25	1810	6.0	.1	1.2	.9	.80	938.30
08	377106N	072630	CNW	00345.25	MADRID	1	05S NW/C 32-82-25	52	6.0	1.0	1.0	.7	.85	185.64
25	377116U	015990	CNW	00035.55	WOODWARD	0	MAIN AVE.	2810	6.0	.1	1.0	.9	.85	1289.79
25	377117B	093460	CNW	00351.93	WOODWARD	0	S. LARUE AVE	219	6.0	1.0	1.0	.9	.85	1005.21
77	377171U	009180	MILW	00006.67	GRIMES	0	1ST ST.	2980	2.0	1.0	1.0	.8	.80	3814.40
77	377172B	126020	MILW	00006.35	GRIMES	0	S. 6TH ST	219	2.0	1.0	1.0	.8	.85	297.84
77	377173H	126030	MILW	00006.47	GRIMES	0	S. 4TH ST	219	2.0	1.0	1.0	.8	.85	297.84
77	377174P	126040	MILW	00006.54	GRIMES	0	S. 3RD ST	219	2.0	1.0	1.0	.8	.85	297.84
77	377175W	126050	MILW	00006.60	GRIMES	0	S. SECOND ST	210	2.0	1.0	1.0	.8	.85	285.60
77	377195H	126060	MILW	00006.80	GRIMES	0	N. THIRD ST.	219	2.0	1.0	1.0	.8	.80	280.32
77	377196P	046300	MILW	00005.60	GRIMES	0	NW 62ND	55	2.0	1.0	1.0	.8	.80	70.40
77	377199K	046310	MILW	00004.44	GRIMES	0	BAER RD (54TH ST)	150	2.0	1.0	1.2	.8	.80	230.40
77	377203X	046330	MILW	00003.25	URBANDALE	0	MERIDITH DR.	90	2.0	.6	1.2	.8	.80	99999.99
77	377204E	046340	MILW	00002.04	URBANDALE	0	DOUGLAS AVE	6470	3.0	.6	1.2	.8	.80	8944.13
77	377206T	046390	MILW	00000.30	CLIVE	0	SWANSON BLVD	474	3.0	1.0	1.2	.8	.80	1092.10
77	377207A	046400	MILW	00007.41	CLIVE	0	NW 86TH ST	27000	3.0	.6	1.0	.8	.80	31174.00
77	377212W	046420	MILW	00006.38	WEST DES MOINES	0	BUFFALO RD	3207	3.0	.6	1.2	.8	.80	4433.36

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
77	377213D	046430	MILW	00006.28	WINDSOR HEIGHTS	0	73RD ST	16179	3.0	.6	1.0	.8	.80	18638.21
77	377216Y	046440	MILW	00006.05	WINDSOR HEIGHTS	0	CENTER ST	1526	3.0	1.0	1.0	.8	.80	2929.92
77	377218M	046450	MILW	00005.18	DES MOINES	0	HOAK RD	1500	5.0	1.0	1.2	.8	.80	5760.00
77	377219U	047840	MILW	00005.10	DES MOINES	0	ASHWORTH RD	6500	5.0	.1	1.0	.8	.80	2080.00
77	377220N	130730	MILW	00005.05	DES MOINES	0	1ST ST/63RD ST	17002	5.0	.6	1.0	.8	.80	32643.84
77	377221V	091550	MILW	00004.98	DES MOINES	0	W GRAND AVE	14100	5.0	.6	1.2	.8	.80	32486.40
77	377223J	106750	MILW	00004.50	DES MOINES	0	N VALLEY DR	304	5.0	1.0	1.2	.8	.80	1167.36
77	377226E	131210	MILW	00002.60	DES MOINES	0	MAHASKA PARKWAY	800	5.0	.6	1.0	.8	.80	1536.00
77	377228T	131220	MILW	00008.48	CLIVE	0	NW 100TH ST	1372	2.0	1.0	1.0	.8	.80	999999.99
77	377229A	046380	MILW	00009.49	CLIVE	0	NW 114TH ST	104	2.0	1.0	1.0	.8	.80	999999.99
25	377244C	124920	CNW	00015.33	WAUKEE	0	US 6	3660	.5	1.0	1.2	.7	.75	1152.90
25	377250F	072760	CNW	00215.63	WAUKEE	1	98S NW/C 28-79-26	510	2.0	1.0	1.0	.8	.80	652.80
25	377253B	072610	CNW	00216.63	WAUKEE	1	99S NW/C 29-79-26	19	2.0	1.0	1.0	.8	.80	24.32
25	377255P	072600	CNW	00217.67	WAUKEE	1	99S NW/C 30-79-26	49	2.0	1.0	1.0	.8	.80	62.72
25	377259S	072590	CNW	00219.18	ADEL	1	50E98S NW/C 26-79-27	853	2.0	1.0	1.0	.8	.85	1160.08
25	377260L	073160	CNW	00019.68	ADEL	1	90S NW/C 26-79-27	853	2.0	1.0	1.0	.8	.80	999999.99
25	377262A	006370	CNW	00020.31	ADEL	1	40E90S NW/C 27-79-27	50	2.0	1.0	1.2	.8	.80	76.80
25	377263G	072580	CNW	00020.76	ADEL	1	10S NW/C 34-79-27	340	2.0	1.0	1.0	.8	.80	435.20
25	377264N	072570	CNW	00022.19	ADEL	0	S. 6TH ST.	250	2.0	1.0	1.0	.8	.85	340.00
25	377265V	097340	CNW	00022.25	ADEL	0	S. 7TH ST.	350	2.0	1.0	1.0	.8	.85	476.00
25	377266C	012340	CNW	00022.31	ADEL	0	S. 8TH ST.	4930	2.0	.6	1.0	.8	.85	4022.88
25	377267J	097330	CNW	00022.38	ADEL	0	S. 9TH ST.	800	2.0	1.0	1.0	.8	.80	1024.00
25	377268R	097320	CNW	00022.44	ADEL	0	S. 10TH ST.	700	2.0	1.0	1.0	.8	.80	896.00
25	377269X	097310	CNW	00022.49	ADEL	0	S-11TH ST.	545	2.0	1.0	1.0	.8	.80	677.60
25	377270S	097300	CNW	00022.60	ADEL	0	14TH ST	650	2.0	1.0	1.0	.8	.80	832.00



EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
25	377271Y	097290	CNW	00022.72	ADEL	0	18TH ST	250	2.0	1.0	1.0	.8	.85	340.00
25	377277P	072560	CNW	00025.95	ADEL	1	97S NW/C 26-79-28	249	2.0	1.0	1.0	.8	.80	318.72
25	377278W	072550	CNW	00026.04	ADEL	1	90E NW/C 34-79-28	49	2.0	1.0	2.0	.8	.80	125.44
25	377282L	072540	CNW	00027.22	REDFIELD	1	50E40S NW/C 33-79-28	1	1.0	.6	1.0	.8	.80	999999.99
25	377283T	072530	CNW	00027.22	REDFIELD	1	50S NW/C 33-79-28	35	1.0	1.0	1.0	.8	.85	23.80
25	377284A	073670	CNW	00028.04	REDFIELD	1	90S NW/C 32-79-28	50	2.0	1.0	1.0	.8	.80	64.00
25	377293Y	118980	CNW	00030.25	REDFIELD	0	CLARK ST.	558	2.0	1.0	1.0	.8	.80	714.24
25	377294F	084350	CNW	00031.80	REDFIELD	0	1ST ST	1460	2.0	1.0	1.0	.8	.85	999999.99
25	377295M	074130	CNW	00031.99	REDFIELD	0	SECOND ST.	200	2.0	.1	1.2	.8	.80	999999.99
25	377296U	118990	CNW	00032.08	REDFIELD	0	JACKSON ST	219	2.0	1.0	1.2	.8	.80	999999.99
25	377297B	119000	CNW	00032.18	REDFIELD	0	JEFFERSON	219	2.0	1.0	1.2	.8	.80	336.38
25	377298H	119000	CNW	00032.20	REDFIELD	0	THIRD ST	219	2.0	1.0	1.2	.8	.80	336.38
25	377299P	074120	CNW	00032.20	REDFIELD	0	THOMAS ST.	100	2.0	1.0	1.0	.8	.80	128.00
25	377301N	074110	CNW	00032.25	REDFIELD	1	80E75S NW/C 34-79-29	65	2.0	1.0	1.0	.8	.80	83.20
25	377306X	074100	CNW	00033.32	REDFIELD	1	75E95S NW/C 28-79-29	19	2.0	1.0	1.0	.8	.80	24.32
25	377307E	074090	CNW	00034.62	LINDEN	1	20E70S NW/C 28-79-29	35	2.0	1.0	1.2	.8	.80	999999.99
25	377308L	074080	CNW	00035.22	LINDEN	1	90E50S NW/C 29-79-29	35	2.0	1.0	1.2	.8	.80	53.76
25	377310M	074070	CNW	00036.10	LINDEN	1	50E05S NW/C 29-79-29	50	2.0	1.0	1.2	.8	.80	999999.99
25	377313H	113090	CNW	00037.49	LINDEN	0	GUTHRIE ST.	219	2.0	1.0	1.2	.8	.85	357.41
25	377314P	051980	CNW	00037.61	LINDEN	0	MAIN ST.	510	2.0	1.0	1.2	.8	.85	832.32
25	377315W	074060	CNW	00037.69	LINDEN	0	NORTH ST.	594	2.0	1.0	1.2	.8	.85	969.41
39	377316D	030940	CNW	00038.52	LINDEN	1	75E50S NW/C 13-79-30	15	2.0	1.0	1.2	.8	.80	23.04
39	377320T	030930	CNW	00039.53	LINDEN	1	95S NW/C 12-79-30	51	2.0	1.0	1.0	.8	.80	65.28
39	377321A	030920	CNW	00039.79	LINDEN	1	75E75S NW/C 11-79-30	5	2.0	1.0	1.2	.8	.80	7.68
39	377323N	030910	CNW	00040.69	PANORA	1	30S NW/C 11-79-30	95	2.0	1.0	1.0	.8	.80	121.60

IOWA DEPARTMENT OF TRANSPORTATION  
RAIL AND WATER DIVISION

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
39	377324V	030900	CNW	00041.32	PANCRA	1	50E NW/C 10-79-30	23	2.0	1.0	1.0	.8	.80	29.44
39	377325C	030890	CNW	00042.00	PANORA	1	50S NW/C 3-79-30	30	2.0	1.0	1.0	.8	.80	38.40
39	377327R	092000	CNW	00043.33	PANCRA	0	MAIN ST.	2430	2.0	.6	1.0	.8	.80	1866.24
39	377328X	118190	CNW	00043.41	PANORA	0	NE 5TH & MARKET STS	219	2.0	1.0	1.2	.8	.80	336.38
39	377329E	118200	CNW	00043.52	PANCRA	0	LANE ST.	219	2.0	1.0	1.2	.8	.85	357.41
39	377330Y	118210	CNW	00043.61	PANCRA	0	CLAY ST.	1106	2.0	1.0	1.2	.8	.85	1804.99
39	377331F	118220	CNW	00043.77	PANORA	0	NORTH ST.	410	2.0	1.0	1.0	.8	.85	557.60
39	377335H	030880	CNW	00043.77	PANCRA	1	05E NW/C 28-80-30	110	2.0	1.0	1.0	.8	.80	140.80
39	377337W	030870	CNW	00045.17	PANORA	1	20E NW/C 21-80-30	50	2.0	1.0	1.0	.8	.80	64.00
39	377341L	030860	CNW	00046.17	YALE	1	20E50S NW/C 9-80-30	20	2.0	1.0	1.0	.8	.80	999999.99
39	377344G	030850	CNW	00047.64	YALE	0	NORTH ST.	470	2.0	1.0	1.0	.8	.85	639.20
39	377345N	030840	CNW	00049.29	YALE	1	25E NW/C 33-81-30	35	2.0	1.0	1.0	.8	.80	44.80
39	377346V	030830	CNW	00050.29	YALE	1	25E NW/C 28-81-30	25	2.0	1.0	1.0	.8	.80	32.00
39	377348J	030820	CNW	00051.29	YALE	1	25E NW/C 21-81-30	45	2.0	1.0	1.0	.8	.80	57.60
39	377350K	013040	CNW	00053.29	YALE	1	24E NW/C 16-81-30	1950	2.0	.6	1.0	.8	.80	1497.60
39	377352Y	093950	CNW	00054.00	JAMAICA	1	45E60S NW/C 9-81-30	10	2.0	1.0	1.0	.8	.80	12.80
39	377353F	093960	CNW	00054.06	JAMAICA	1	45E50S NW/C 9-81-30	20	2.0	1.0	1.0	.8	.85	999999.99
39	377354M	097070	CNW	00054.00	JAMAICA	1	48E30S NW/C 9-81-30	10	2.0	1.0	1.2	.8	.80	15.36
39	377355U	097060	CNW	00054.06	JAMAICA	1	45E17S NW/C 9-81-30	95	2.0	1.0	1.2	.8	.80	145.92
39	377357H	030790	CNW	00054.10	JAMAICA	1	30E NW/C 9-81-30	75	2.0	1.0	1.0	.8	.80	96.00
39	377358P	030780	CNW	00054.10	JAMAICA	1	25E NW/C 4-81-30	25	2.0	1.0	1.0	.8	.80	32.00
37	377360R	029750	CNW	00056.28	JEFFERSON	1	23E NW/C 33-82-30	35	2.0	1.0	1.0	.8	.80	44.80
37	377362E	029740	CNW	00057.28	JEFFERSON	1	40E NW/C 28-82-30	24	2.0	1.0	1.0	.8	.80	30.72
37	377363L	029730	CNW	00058.28	JEFFERSON	1	50E NW/C 21-82-30	28	2.0	1.0	1.0	.8	.80	35.84
37	377365A	029720	CNW	00059.15	JEFFERSON	1	65E20S NW/C 16-82-30	100	2.0	1.0	1.0	.8	.80	128.00

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
37	377366G	029710	CNW	00059.22	JEFFERSON	1	65E10S NW/C 16-82-30	102	2.0	1.0	1.0	.8	.80	130.56
37	377367N	029700	CNW	00059.28	JEFFERSON	1	65E NW/C 16-82-30	200	2.0	1.0	1.0	.8	.80	256.00
37	377368V	029690	CNW	00060.28	JEFFERSON	1	75E NW/C 9-82-30	61	2.0	1.0	1.0	.8	.80	78.08
37	377375F	012940	CNW	00062.75	JEFFERSON	1	95E60S NW/C 28-83-30	60	2.0	1.0	1.2	.8	.80	92.16
37	377379H	029680	CNW	00064.57	JEFFERSON	1	05E25S NW/C 21-83-30	40	2.0	1.0	1.2	.8	.80	61.44
37	377382R	111640	CNW	00065.94	JEFFERSON	0	VEST ST	80	2.0	1.0	1.0	.8	.80	102.40
37	377383X	111650	CNW	00066.15	JEFFERSON	0	RUSSELL ST	460	2.0	1.0	1.0	.8	.80	588.80
37	377384E	111630	CNW	00066.28	JEFFERSON	0	PARK ST.	900	2.0	1.0	1.0	.8	.80	1152.00
37	377385L	111620	CNW	00066.36	JEFFERSON	0	GARFIELD ST.	384	2.0	1.0	1.0	.8	.80	491.52
37	377386T	111610	CNW	00066.57	JEFFERSON	0	MONROE	384	2.0	1.0	1.0	.8	.85	522.24
37	377388G	012960	CNW	00066.71	JEFFERSON	0	LINCOLN WAY	4670	2.0	.6	1.0	.8	.85	3810.72
37	377389N	111660	CNW	00066.79	JEFFERSON	0	STATE ST.	384	2.0	1.0	1.0	.8	.85	522.24
37	377390H	111670	CNW	00066.85	JEFFERSON	0	WASHINGTON ST	384	2.0	1.0	1.0	.8	.85	522.24
37	377391P	111680	CNW	00066.86	JEFFERSON	0	ADAMS ST.	360	2.0	1.0	1.0	.8	.80	460.80
37	377392W	111800	CNW	00066.94	JEFFERSON	0	REED ST.	384	2.0	1.0	1.0	.8	.80	491.52
37	377393D	111700	MILW	00067.41	JEFFERSON	0	CENTRAL AVE	102	2.0	1.0	1.2	.8	.85	166.46
11	377570F	076930	CNW	00128.62	ALBERT CITY	1	45E NW/C 23-92-35	460	.5	1.0	1.0	.8	.85	156.40
11	377571M	097250	CNW	00128.90	ALBERT CITY	0	MAIN ST.	558	.5	1.0	1.0	.8	.85	189.72
11	377573B	076950	CNW	00129.66	ALBERT CITY	1	15E NW/C 14-92-35	60	.5	1.0	1.0	.8	.80	19.20
11	377574H	076960	CNW	00130.12	ALBERT CITY	1	75S NW/C 11-92-35	533	.5	1.0	1.2	.8	.80	204.67
11	377575P	076970	CNW	00130.70	ALBERT CITY	1	90E NW/C 10-92-35	39	.5	1.0	1.0	.8	.80	12.48
11	377576W	076980	CNW	00131.79	MARATHON	1	55E NW/C 3-92-35	20	.5	1.0	1.0	.8	.80	6.40
11	377578K	076990	CNW	00132.83	MARATHON	1	20E NW/C 34-93-35	10	.5	1.0	1.0	.8	.80	3.20
11	377580L	077000	CNW	00133.55	MARATHON	1	35S NW/C 27-93-35	76	.5	1.0	1.2	.8	.80	29.16
11	377581T	005970	CNW	00133.91	MARATHON	1	85E NW/C 28-93-35	1040	.5	.6	1.0	.8	.80	199.68



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11	377582A	114150	CNW	00134.33	MARATHON	0	BIRNICE ST.	219	.5	1.0	1.0	.8	.85	74.46
11	377583G	114140	CNW	00134.52	MARATHON	0	PIRAEUS ST	210	.5	1.0	1.0	.8	.85	71.40
11	377584N	077010	CNW	00134.59	MARATHON	0	ATHENS ST	70	.5	1.0	1.0	.8	.85	23.80
21	377605E	121440	S00	00158.59	SPENCER	0	W. 9TH ST	1079	.5	1.0	1.0	.7	.80	302.12
21	377606L	121430	S00	00158.64	SPENCER	0	W. 10TH ST.	472	.5	1.0	1.0	.7	.80	132.16
21	377607T	121420	S00	00158.73	SPENCER	0	W. 11TH ST.	161	.5	1.0	1.0	.7	.80	45.08
21	377608A	121410	S00	00158.80	SPENCER	0	W. 12TH ST	350	.5	1.0	1.0	.7	.80	98.00
21	377609G	131380	S00	00158.87	SPENCER	0	W. 13TH ST.	566	.5	1.0	1.0	.7	.80	158.48
21	377610B	121400	S00	00158.94	SPENCER	0	W. 14TH ST	483	.5	1.0	1.0	.7	.80	135.24
21	377611H	131390	S00	00159.00	SPENCER	0	W. 15TH ST.	161	.5	1.0	1.0	.7	.80	45.06
21	377612P	121390	S00	00159.08	SPENCER	0	W. 16TH ST.	189	.5	1.0	1.0	.7	.80	52.92
21	377613W	081020	S00	00159.21	SPENCER	0	W. 18TH ST	2680	.5	1.0	1.0	.7	.80	750.40
21	377622V	081030	S00	00161.06	SPENCER	0	4TH AVE WEST	346	.5	.6	1.0	.7	.85	61.76
21	377623C	025140	S00	00161.19	SPENCER	1	99E NW/C 36-97-37	1640	.5	.6	1.0	.7	.80	275.52
25	377848G	072870	CNW	00364.36	PERRY	1	20E25S NW/C 7-81-28	86	6.0	1.0	1.0	.9	.80	371.52
25	377854K	051990	CNW	00367.60	DAWSON	0	FIRST ST.	740	6.0	.1	1.0	.9	.85	339.66
25	377855S	072860	CNW	00367.85	DAWSON	1	70E50S NW/C 9-81-29	19	6.0	1.0	1.0	.9	.85	87.21
25	377856Y	072850	CNW	00368.60	DAWSON	1	50S NW/C 9-81-29	56	6.0	1.0	1.0	.9	.80	241.92
39	377861V	030810	CNW	00372.01	JAMAICA	0	ELLIS & MAIN STS	219	6.0	1.0	1.0	.9	.85	1005.21
39	377862C	013000	CNW	00372.10	JAMAICA	0	FIRST AVE	750	6.0	.1	1.0	.9	.85	344.25
39	377865X	030800	CNW	00373.60	JAMAICA	1	25S NW/C 10-81-30	30	6.0	1.0	1.0	.9	.85	137.70
39	377866E	031150	CNW	00374.17	JAMAICA	1	40E25S NW/C 9-81-30	10	7.0	1.0	1.0	.9	.85	53.55
39	377883V	030710	BN	00383.63	BAYARD	1	70S NW/C 1-81-32	32	2.0	1.0	1.0	.8	.85	43.52
39	377885J	030700	BN	00384.95	BAYARD	0	MAIN ST.	558	2.0	.6	1.0	.8	.85	455.33
39	377886R	098520	BN	00385.09	BAYARD	0	FIRST AVE OR SUMMIT	342	2.0	1.0	1.0	.8	.85	465.12

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
39	377887X	030690	BN	00385.63	BAYARD	1	63S NW/C 3-81-32	40	2.0	1.0	1.0	.8	.80	51.20
39	377891M	030680	BN	00387.12	BAYARD	1	50E51S NW/C 5-81-32	46	2.0	1.0	1.0	.8	.80	58.88
14	377895P	061620	BN	00391.27	COON RAPIDS	0	FIFTH AVE	1750	2.0	.1	1.0	.8	.85	238.00
14	377896W	012110	BN	00391.35	COON RAPIDS	0	6TH AVE & HIGHWAY ST	1920	2.0	.6	1.2	.8	.85	1880.06
14	377903E	052770	BN	00395.26	COON RAPIDS	1	55S NW/C 19-82-33	25	2.0	1.0	1.0	.8	.80	32.00
14	377907G	052750	BN	00397.62	DEDHAM	1	30S NW/C 23-82-34	20	2.0	.6	1.0	.8	.80	15.36
14	377911W	052730	BN	00399.61	DEDHAM	0	4TH AVE	600	2.0	.1	1.0	.8	.85	81.60
14	377912D	052720	BN	00400.30	DEDHAM	1	35E NW/C 17-82-34	15	2.0	1.0	1.2	.8	.80	23.04
14	377919B	052700	BN	00403.69	TEMPLETON	1	60S NW/C 11-82-35	38	2.0	1.0	1.0	.8	.80	48.64
14	377923R	052680	BN	00405.74	TEMPLETON	1	98S NW/C 9-82-35	150	2.0	1.0	1.0	.8	.80	192.00
14	377925E	052670	BN	00406.76	TEMPLETON	1	80S NW/C 8-82-35	45	2.0	1.0	1.0	.8	.85	61.20
14	377927T	052660	BN	00407.82	TEMPLETON	1	90S NW/C 7-82-35	320	2.0	.1	1.0	.8	.85	43.52
14	377928A	001400	BN	00408.03	TEMPLETON	1	80E NW/C 13-82-36	75	2.0	1.0	1.2	.8	.80	115.20
14	377939M	052550	BN	00412.92	MANNING	0	WEST ST	340	2.0	.6	1.0	.8	.80	261.12
24	377957K	024670	BN	00422.80	MANILLA	0	JOHN ST	550	9.0	1.0	1.0	.8	1.00	999999.99
24	378123H	024660	BN	00423.88	MANILLA	1	10E03S NW/C 35-82-38	60	2.0	1.0	1.0	.8	.80	76.80
24	378125W	024650	BN	00425.14	MANILLA	1	57S NW/C 34-82-38	110	2.0	1.0	1.0	.8	.80	140.80
24	378126D	024640	BN	00426.17	MANILLA	1	81S NW/C 33-82-38	40	2.0	1.0	1.0	.8	.80	51.20
83	378127K	042050	BN	00426.96	DEFIANCE	1	20E NW/C 5-81-38	120	2.0	1.0	2.0	.8	.80	307.20
83	378128S	042040	BN	00427.19	DEFIANCE	1	05S NW/C 5-81-38	27	2.0	1.0	1.0	.8	.80	34.56
83	378130T	042030	BN	00428.57	DEFIANCE	1	25E NW/C 7-81-38	25	2.0	1.0	1.0	.8	.80	32.00
83	378132G	042020	BN	00428.98	DEFIANCE	1	45S NW/C 7-81-38	45	2.0	1.0	1.2	.8	.80	69.12
83	378133N	042010	BN	00429.64	DEFIANCE	1	65E NW/C 13-81-39	45	2.0	1.0	1.0	.8	.80	57.60
83	378137R	042000	BN	00431.33	DEFIANCE	1	50E 30SNW/C 23-81-39	26	2.0	1.0	1.2	.8	.80	39.94
83	378140Y	041980	BN	00433.67	EARLING	1	80S NW/C 27-81-39	63	2.0	1.0	1.2	.8	.80	96.77

IOWA DEPARTMENT OF TRANSPORTATION  
RAIL AND WATER DIVISION

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
83	378145H	014770	BN	00435.59	EARLING	1	55E NW/C 5-80-39	1190	2.0	.1	1.2	.8	.85	194.21
83	378146F	041950	BN	00436.12	EARLING	0	4TH AVE	846	2.0	.1	1.0	.8	.85	115.06
83	378149K	041940	BN	00437.67	EARLING	1	60E NW/C 12-80-40	10	2.0	1.0	1.2	.8	.80	15.36
83	378151L	041930	BN	00438.45	EARLING	1	25S NW/C 12-80-40	49	2.0	1.0	1.2	.8	.80	75.26
83	378156V	041920	BN	00440.83	PANAMA	1	30E 25SNW/C 23-80-40	38	2.0	1.0	1.2	.8	.80	58.37
83	378159R	041910	BN	00441.64	PANAMA	1	60E NW/C 26-80-40	410	2.0	.6	1.0	.8	.80	314.88
83	378161S	041900	BN	00442.96	PANAMA	1	25E 25SNW/C 35-80-40	21	2.0	1.0	1.0	.8	.80	26.88
83	378164M	041890	BN	00444.42	PORTSMOUTH	1	75E 45S NW/C 3-79-40	54	2.0	1.0	1.0	.8	.80	69.12
83	378165U	041880	BN	00445.74	PORTSMOLTH	1	75E 45S NW/C 9-79-40	10	2.0	1.0	1.0	.8	.80	12.80
83	378166B	009010	BN	00447.42	PCRTSMOUTH	0	IA 44	980	2.0	.1	1.0	.8	.85	133.28
83	378167H	041860	BN	00448.54	PORTSMOLTH	1	60E NW/C 29-79-40	33	2.0	1.0	1.0	.8	.80	42.24
83	378170R	041850	BN	00450.52	PERSIA	1	45E 45SNW/C 31-79-40	46	2.0	1.0	1.0	.8	.80	58.88
43	378171X	031690	BN	00451.11	PERSIA	1	10E NW/C 3-78-41	10	2.0	1.0	1.0	.8	.80	12.80
43	378174T	031700	BN	00452.04	PERSIA	1	55E80S NW/C 4-78-41	45	2.0	1.0	1.0	.8	.80	57.60
43	378175A	031710	BN	00453.90	PERSIA	0	3RD AVE	1134	2.0	1.0	1.0	.8	.85	1542.24
43	378177N	031720	BN	00453.94	PERSIA	1	11E NW/C 16-78-41	81	2.0	1.0	1.0	.8	.80	103.68
43	378179C	031730	BN	00454.97	PERSIA	1	NW/C 21-78-41	50	2.0	1.0	1.0	.8	.80	64.00
43	378181D	031740	BN	00456.00	PERSIA	1	99E NW/C 29-78-41	30	2.0	1.0	1.0	.8	.80	36.40
43	378184Y	066480	BN	00457.07	PERSIA	1	60E NW/C 32-78-41	140	2.0	1.0	1.0	.8	.80	179.20
78	378189H	055770	BN	00459.18	NEOLA	1	80E NW/C 7-77-41	16	2.0	1.0	1.0	.8	.80	20.48
78	378195L	116320	BN	00462.35	NEOLA	0	2ND ST	940	2.0	.6	1.0	.8	.80	721.92
78	378200F	055750	BN	00463.80	NEOLA	1	05S NW/C 36-77-42	35	2.0	1.0	1.2	.8	.85	57.12
78	378201M	055740	BN	00465.50	NEOLA	1	45S NW/C 2-76-42	10	2.0	1.0	1.2	.8	.80	15.36
78	378204H	055730	BN	00467.70	UNDERWOOD	0	3RD ST	234	2.0	1.0	1.0	.8	.80	299.52
78	378207D	055710	BN	00468.64	UNDERWOOD	1	25E NW/C 21-76-42	1562	2.0	.6	1.0	.8	.80	1204.22



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CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
78	378209S	055700	BN	00470.80	UNDERWOOD	1	99E 75SNW/C 30-76-42	30	2.0	1.0	1.0	.8	.80	38.40
78	378213G	055690	BN	00472.82	UNDERWOOD	1	20E 75SNW/C 36-76-43	55	2.0	1.0	1.0	.8	.80	70.40
78	378215V	055680	BN	00474.30	COUNCIL BLUFFS	1	35E 93S NW/C 2-75-43	93	2.0	.6	1.0	.8	.80	71.42
78	378230X	055630	BN	00472.70	COUNCIL BLUFFS	0	COLLEGE RD	307	2.0	1.0	1.0	.8	.80	392.96
78	378234A	055610	BN	00480.06	COUNCIL BLUFFS	0	FRANKLIN AVE	240	2.0	1.0	1.0	.8	.80	307.20
78	378236N	055590	BN	00480.83	COUNCIL BLUFFS	0	MADISON RD.	5050	2.0	.6	1.0	.8	.80	3878.40
78	378240D	104040	BN	00483.70	COUNCIL BLUFFS	0	S. 7TH ST.	576	.5	.6	1.2	.7	1.00	145.15
78	378241K	104060	BN	00483.79	COUNCIL BLUFFS	0	S. 8TH ST.	468	.5	.1	1.0	.7	1.00	16.38
78	378242S	136830	BN	00484.39	COUNCIL BLUFFS	0	S. 16TH ST.	2180	18.0	1.0	1.0	.7	.85	23347.80
78	378243Y	103960	BN	00484.87	COUNCIL BLUFFS	0	S. 17TH ST	715	32.0	1.0	1.0	.7	1.00	16016.00
78	378246U	131470	BN	00483.52	COUNCIL BLUFFS	0	S. 14TH AVE	170	.5	1.0	1.0	.7	.75	44.63
78	378247B	131480	BN	00483.39	COUNCIL BLUFFS	0	16TH AVE	176	.5	.1	1.0	.7	.80	999999.99
90	378249F	022770	S00	00002.73	OTTUMWA	1	75E 50S NW/C26-73-14	190	.5	1.0	1.0	.7	.75	49.88
90	378251R	131490	S00	00003.20	OTTUMWA	1	1ST AVE	50	.5	1.0	1.2	.7	.75	15.75
90	378252X	131500	S00	00003.26	OTTUMWA	1	EVERCO DR.	100	.5	1.0	1.0	.7	.75	26.25
90	378253E	131500	S00	00003.26	OTTUMWA	0	EVERCO DR	200	.5	1.0	1.0	.7	.75	52.50
90	378254L	131510	S00	00003.41	OTTUMWA	1	8TH ST.	200	.5	1.0	1.0	.7	.75	52.50
90	378256A	022760	S00	00001.69	OTTUMWA	1	43S NW/C 36-73-14	153	.5	1.0	1.2	.7	.80	51.41
77	378350N	135700	MILW	00002.04	URBANDALE	0	106TH ST	1467	.5	1.0	1.0	.7	.75	385.09
93	378354R	134750	S00	00351.16	SEYMOUR	1	10S NW-C 23-68-20	300	12.0	.6	1.2	.9	.80	1866.24
17	379985V	095210	S00	00000.37	MASON CITY	0	CAROLINA AVE	2553	.5	.6	1.0	.7	.80	428.90
17	379986C	114650	S00	00000.55	MASON CITY	0	EIGHTH STREET SE	1358	.5	1.0	1.0	.7	.80	380.24
17	379987J	127990	S00	00000.74	MASON CITY	0	SIXTH STREET SE	527	.5	1.0	1.0	.7	.80	147.56
17	379988R	096440	S00	00000.89	MASON CITY	0	50 VIRGINIA&4THSE	10000	.5	.6	1.0	.7	.80	1680.00
17	379989X	039030	S00	00001.19	MASON CITY	0	EAST STATE STREET	7886	.5	.6	1.0	.8	.80	1514.11

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CITY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
17	380010C	131180	S00	00001.36	MASON CITY	0	NO KENTUCKY ST	6410	.5	.6	1.2	.8	.80	1476.86
17	380011J	131190	S00	00001.58	MASON CITY	0	BIRCH DRIVE	1028	.5	1.0	1.0	.8	.80	328.96
17	380012R	063080	S00	00002.02	MASON CITY	0	TWELFTH STREET NE	1987	.5	.6	1.0	.8	.80	381.50
17	380014E	063090	S00	00002.55	MASON CITY	1	65E NW/C 2-96-20	170	.5	1.0	1.0	.8	.80	54.40
17	380017A	063110	S00	00003.66	MASON CITY	1	90E NW/C 35-97-20	100	.5	1.0	1.0	.8	.80	32.00
17	380018G	063120	S00	00003.96	MASON CITY	1	60S NW/C 25-97-20	80	.5	1.0	1.2	.8	.80	30.72
17	380019N	063130	S00	00005.26	PLYMOUTH	1	55E50S NW/C 24-97-20	290	.5	1.0	1.0	.8	.80	92.80
17	380021P	063140	S00	00006.06	PLYMOUTH	1	80S NW/C 18-97-19	40	.5	1.0	1.2	.8	.80	15.36
17	380022W	063150	S00	00007.02	PLYMOUTH	1	50E NW/C 18-97-19	66	.5	1.0	1.0	.8	.80	21.12
17	380023D	063160	S00	00007.56	PLYMOUTH	1	70E50S NW/C 7-97-19	80	.5	1.0	1.0	.8	.80	25.60
17	380024K	063170	S00	00008.05	PLYMOUTH	0	FIRST ST	219	.5	1.0	1.0	.8	.80	70.08
17	380025S	063180	S00	00008.10	PLYMOUTH	0	BROAD STREET	1540	.5	1.0	1.2	.8	.80	591.36
17	380026Y	012170	S00	00008.42	PLYMOUTH	0	MAIN STREET	219	.5	1.0	1.0	.8	.85	74.46
17	380027F	131200	S00	00008.56	PLYMOUTH	0	CARTER STREET	219	.5	1.0	1.0	.8	.80	999999.99
17	380028M	063190	S00	00009.15	PLYMOUTH	1	50E NW/C 5-97-19	310	.5	1.0	1.0	.8	.80	99.20
98	380030N	072030	S00	00010.57	PLYMOUTH	1	65S NW/C 28-98-19	32	.5	1.0	1.2	.8	.80	12.29
98	380032C	008540	S00	00011.29	PLYMOUTH	1	19E NW/C 28-98-19	1510	.5	.6	1.0	.8	.80	289.92
98	380034R	072040	S00	00012.12	GRAFTON	1	55E25S NW/C 21-98-19	43	.5	1.0	1.0	.8	.80	13.76
98	380037L	072050	S00	00013.50	GRAFTON	1	13E NW/C 15-98-19	70	.5	1.0	1.0	.8	.80	22.40
98	380038T	072060	S00	00014.61	GRAFTON	0	FIRST STREET	400	.5	1.0	1.0	.8	.85	136.00
98	380039A	125750	S00	00014.77	GRAFTON	0	THIRD STREET	680	.5	1.0	1.0	.8	.85	231.20
98	380040U	125760	S00	00014.85	GRAFTON	0	FOURTH STREET	550	.5	1.0	1.0	.8	.85	187.00
98	380042H	072070	S00	00015.63	GRAFTON	1	10S NW/C 2-98-19	450	.5	1.0	1.2	.8	.80	172.80
98	380043P	072080	S00	00015.71	GRAFTON	1	03E NW/C 2-98-19	60	.5	1.0	1.0	.8	.85	20.40
98	380045D	072090	S00	00016.80	GRAFTON	1	50E NW/C 35-99-19	37	.5	1.0	1.0	.8	.80	11.84

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CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
98	380047S	072100	S00	00017.93	GRAFTON	1	95E NW/C 26-99-19	243	.5	1.0	1.2	.8	.80	999999.99
98	380048Y	072110	S00	00018.05	CARPENTER	1	90S NW/C 24-99-19	41	.5	1.0	1.2	.8	.80	15.74
98	380050A	072120	S00	00019.04	CARPENTER	1	40E NW/C 24-99-19	17	.5	1.0	1.0	.8	.80	5.44
98	380051G	072130	S00	00020.15	CARPENTER	1	90E NW/C 13-99-19	3	.5	1.0	1.0	.8	.80	.96
66	380052N	072670	S00	00020.42	CARPENTER	1	77S NW/C 7-99-18	73	.5	1.0	1.2	.8	.80	28.03
66	380054C	014060	S00	00021.25	CARPENTER	0	WILLIAM AVE	890	.5	.6	1.0	.8	.85	181.56
66	380055J	072680	S00	00021.91	CARPENTER	1	65E 38S NW/C 6-99-18	35	.5	1.0	1.0	.8	.80	11.20
66	380056R	072690	S00	00023.44	CARPENTER	1	30E NW/C 32-100-18	49	.5	1.0	1.0	.8	.80	15.68
66	380057X	072700	S00	00024.67	CARPENTER	1	85E 90SNWC 20-100-18	160	.5	1.0	1.0	.8	.80	51.20
66	380059L	072710	S00	00025.90	CARPENTER	1	70E NW/C 21-100-18	8	.5	1.0	1.0	.8	.80	2.56
66	380060F	072720	S00	00026.36	CARPENTER	1	55S NW/C 15-100-18	31	.5	1.0	1.2	.8	.80	11.90
66	380062U	072730	S00	00027.13	CARPENTER	1	40E NW/C 15-100-18	31	.5	1.0	1.0	.8	.80	9.92
96	380082F	045750	S00	00000.76	CALMAR	1	45E50S NW/C 26-97-9	650	.5	1.0	1.0	.9	.80	234.00
75	381513Y	125130	8N	00006.70	WESTFIELD	0	NO NAME STREET	97	2.0	1.0	1.0	.9	.80	139.68
75	381514F	125120	8N	00006.80	WESTFIELD	0	UNION STREET	50	2.0	1.0	1.0	.9	.85	76.50
75	381515M	125140	8N	00006.90	WESTFIELD	0	NO NAME STREET	97	2.0	1.0	1.0	.9	.85	148.41
75	381516U	054640	8N	00007.17	WESTFIELD	1	07E 25SNW/C 26-92-49	620	2.0	.6	1.0	.9	.80	535.68
75	381522X	054630	8N	00009.72	WESTFIELD	1	25E NW/C 13-92-49	17	2.0	1.0	1.0	.9	.80	24.48
75	381523E	054620	8N	00010.82	AKRON	1	70E NW/C 12-92-49	42	2.0	1.0	1.0	.9	.80	60.48
75	381526A	097370	8N	00011.95	AKRON	0	HARDY STREET	500	2.0	1.0	1.0	.9	.85	765.00
75	381527G	054610	8N	00012.10	AKRON	0	IOWA STREET	220	2.0	1.0	1.0	.9	.85	336.60
75	381528N	097360	8N	00012.18	AKRON	0	MAIN STREET	225	2.0	1.0	1.0	.9	.85	344.25
75	381529V	054600	8N	00012.33	AKRON	0	REED STREET	240	2.0	1.0	1.0	.9	.85	367.20
75	381530P	097390	8N	00012.37	AKRON	0	MILL STREET EXT.	200	2.0	1.0	1.0	.9	.85	306.00
75	381531W	053480	8N	00012.71	AKRON	0	ISABELLA STREET	940	2.0	1.0	1.0	.9	.80	1353.60



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CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
84	381546L	053710	BN	00019.01	CHATSWORTH	0	CENTER STREET	342	2.0	1.0	1.0	.9	.85	523.26
84	381547T	056480	BN	00019.13	CHATSWORTH	0	DAKOTA AVE	219	2.0	1.0	1.0	.9	.80	315.36
84	381548A	056470	BN	00019.64	CHATSWORTH	1	THIRD AVE	26	2.0	1.0	1.0	.9	.80	37.44
84	381552P	014810	BN	00022.91	HAWARDEN	1	14S NW/C 14-94-48	42	2.0	1.0	2.0	.9	.80	120.96
84	381553W	056460	BN	00024.08	HAWARDEN	1	07E NW/C 11-94-48	40	2.0	1.0	1.0	.9	.80	57.60
84	381554D	093720	BN	00024.39	HAWARDEN	0	FIRST STREET	208	2.0	1.0	1.0	.9	.80	299.52
84	381556S	093730	BN	00024.58	HAWARDEN	0	THIRD STREET	305	2.0	1.0	1.0	.9	.80	439.20
84	381557Y	011760	BN	00000.14	HAWARDEN	0	AVE. "D"	384	.5	1.0	1.2	.7	.75	999999.99
84	381558F	110750	BN	00025.02	HAWARDEN	0	NINTH STREET	833	2.0	1.0	1.0	.9	.85	1274.49
84	381559M	050600	BN	00025.10	HAWARDEN	0	TENTH STREET	2297	2.0	1.0	1.0	.9	.85	3514.41
84	381560G	110760	BN	00025.38	HAWARDEN	0	THIRTEENTH STREET	577	2.0	1.0	1.0	.9	.80	830.88
84	381561N	110770	BN	00025.60	HAWARDEN	0	SIXTEENTH STREET	260	2.0	1.0	1.0	.9	.80	374.40
84	381562V	110780	BN	00025.67	HAWARDEN	0	SEVENTEENTH ST	384	2.0	1.0	1.0	.9	.80	552.96
84	381563C	110790	BN	00025.75	HAWARDEN	0	EIGHTEENTH STREET	384	2.0	1.0	1.0	.9	.80	552.96
84	381564J	110800	BN	00025.83	HAWARDEN	0	NINETEENTH STREET	384	2.0	1.0	1.0	.9	.80	552.96
84	381565R	110810	BN	00025.90	HAWARDEN	0	TWENTIETH	55	2.0	1.0	1.0	.9	.80	79.20
84	381566X	110820	BN	00025.98	HAWARDEN	0	TWENTY-FIRST ST	384	2.0	1.0	1.0	.9	.80	552.96
84	381567E	131360	BN	00026.43	HAWARDEN	0	26TH ST	384	2.0	1.0	1.0	.9	.80	552.96
84	381568L	093740	BN	00026.74	HAWARDEN	1	48S NW/C 26-95-48	84	2.0	1.0	2.0	.9	.80	241.92
84	381569T	056440	BN	00027.12	HAWARDEN	1	90E NW/C 27-95-48	100	2.0	1.0	1.0	.9	.85	153.00
84	381570M	056430	BN	00027.63	HAWARDEN	1	80E50S NW/C 22-95-48	89	2.0	1.0	1.0	.9	.80	128.16
84	381596P	056070	BN	00041.83	HAWARDEN	1	20S NW/C 14-97-48	380	2.0	1.0	1.0	.9	.80	547.20
84	381600C	056060	BN	00043.45	HAWARDEN	1	35E NW/C 16-97-48	8	2.0	1.0	1.2	.9	.80	13.82
84	381601J	056050	BN	00043.83	HAWARDEN	1	80S NW/C 9-97-48	8	2.0	1.0	1.0	.9	.80	11.52
84	381604E	095570	BN	00045.05	HAWARDEN	1	15E NW/C 8-97-48	11	2.0	1.0	1.0	.9	.80	15.84

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
60	381609N	036150	BN	00047.90	INWOOD	1	79E65S NW/C 25-98-49	20	2.0	1.0	1.0	.9	.80	28.80
60	381610H	036160	BN	00048.05	INWOOD	1	60E50S NW/C 25-98-49	400	2.0	.6	1.0	.9	.80	345.60
97	382034X	120880	BN	00512.37	SIoux CITY	0	STEBEN STREET	600	4.0	1.0	1.0	.7	.85	1428.00
97	382036L	092660	BN	00512.69	SIoux CITY	0	IOWA STREET	1500	4.0	1.0	1.0	.7	.85	3570.00
97	382037T	093670	BN	00512.71	SIoux CITY	0	COURT STREET	805	4.0	1.0	1.0	.7	.85	1915.90
97	382038A	090980	BN	00512.84	SIoux CITY	0	VIRGINIA STREET	5000	4.0	1.0	1.0	.7	.85	11900.00
97	382039G	093680	BN	00513.05	SIoux CITY	0	JACKSON STREET	5180	4.0	1.0	1.0	.7	.85	12328.40
97	382040B	120910	BN	00513.12	SIoux CITY	0	NEBRASKA	6660	4.0	.6	1.0	.7	.80	8951.04
97	382041H	120920	BN	00513.20	SIoux CITY	0	PIERCE STREET	12947	4.0	.6	1.0	.7	.80	17400.77
97	382042P	120930	BN	00513.26	SIoux CITY	0	DOUGLAS STREET	500	4.0	1.0	1.0	.7	.80	1120.00
97	382043W	090740	BN	00513.34	SIoux CITY	0	PEARL STREET	4200	4.0	.6	1.0	.7	.80	5644.80
97	382070T	128130	BN	00514.22	SIoux CITY	0	HAMILTON BLVD	12401	4.0	.6	1.0	.7	.80	16666.94
97	382073N	090800	BN	00517.70	SIoux CITY	0	BRUNER AVE	52	2.0	1.0	1.0	.7	.80	58.24
97	382076J	120950	BN	00518.02	SIoux CITY	0	W 19TH ST	3857	2.0	.6	1.0	.7	.80	2591.90
97	382078X	120960	BN	00518.36	SIoux CITY	0	MILITARY ROAD	2690	2.0	.6	1.2	.7	.80	2169.22
97	382079E	127910	BN	00518.46	SIoux CITY	0	RIVERSIDE BLVD.	7640	6.0	.6	1.0	.7	.80	15402.24
22	385137H	022810	S00	00001.94	MARQUETTE	1	10E NW/C 20-95-3	1	2.0	1.0	1.2	.8	.80	1.54
22	385139W	022820	S00	00005.50	MARQUETTE	1	15E20S NW/C 24-95-4	30	2.0	1.0	1.2	.8	.80	46.08
22	385140R	022410	S00	00008.20	MONONA	1	15E30S NW/C 22-95-4	120	2.0	1.0	1.0	.8	.80	153.60
22	385141X	022400	S00	00009.93	MONONA	1	10S NW/C 28-95-4	41	2.0	1.0	1.0	.8	.80	52.48
22	385142E	022390	S00	00010.69	MONONA	1	30E10S NW/C 29-95-4	36	2.0	1.0	1.0	.8	.80	46.08
22	385143L	022380	S00	00011.62	MONONA	1	75E55S NW/C 19-95-4	30	2.0	1.0	1.2	.8	.80	46.08
22	385145A	022370	S00	00013.00	MONONA	1	40S NW/C 18-95-4	60	2.0	1.0	1.2	.8	.80	92.16
22	385146G	093530	S00	00013.95	MONONA	0	E. IOWA STREET	384	2.0	.6	1.2	.8	.80	353.89
22	385148V	022360	S00	00013.98	MONONA	0	EAST STREET	219	2.0	1.0	1.0	.8	.80	280.32

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
22	385149C	093540	S00	00014.09	MONONA	0	CENTER STREET	219	2.0	1.0	1.2	.8	.80	336.38
22	385150W	093550	S00	00014.13	MONONA	0	EGBERT STREET	219	2.0	1.0	1.2	.8	.80	336.38
22	385151D	012250	S00	00014.20	MONONA	0	MAIN STREET	2106	2.0	.6	1.0	.8	.85	1718.50
22	385152K	093560	S00	00014.27	MONONA	0	N. PAGE STREET	727	2.0	1.0	1.0	.8	.80	930.56
22	385153S	093570	S00	00014.33	MONONA	0	N. WEST STREET	219	2.0	1.0	1.0	.8	.85	297.84
22	385159H	022350	S00	00016.45	LUANA	1	40S NW/C 10-95-5	25	2.0	1.0	1.0	.8	.80	32.00
22	385161J	022340	S00	00017.21	LUANA	1	25E70S NW/C 9-95-5	461	2.0	1.0	1.0	.8	.80	590.08
22	385164E	022330	S00	00018.05	LUANA	0	CO. RD. X-16	199	3.0	1.0	1.0	.8	.80	382.08
22	385169N	022320	S00	00019.64	LUANA	1	95E40S NW/C 12-95-6	40	2.0	1.0	1.0	.8	.80	51.20
22	385172W	022310	S00	00020.66	LUANA	1	20S NW/C 12-95-6	25	2.0	1.0	1.0	.8	.80	32.00
22	385177F	022300	S00	00022.77	POSTVILLE	1	50E NW/C 3-95-6	110	2.0	1.0	1.2	.8	.80	168.96
03	385179U	076480	S00	00024.03	POSTVILLE	1	50E60S NW/C 33-96-6	460	2.0	.6	1.2	.8	.80	423.94
03	385180N	118780	S00	00024.35	POSTVILLE	0	MAPLE STREET	421	4.0	1.0	1.0	.8	.85	1145.12
03	385181V	011900	S00	00024.58	POSTVILLE	0	LAWLER STREET	2420	4.0	.6	1.0	.8	.85	3949.44
03	385182C	118790	S00	00024.66	POSTVILLE	0	REYNOLDS STREET	219	4.0	1.0	1.0	.8	.85	595.68
03	385183J	118800	S00	00024.76	POSTVILLE	0	OGDEN STREET	219	4.0	1.0	1.0	.8	.85	595.68
03	385184R	118820	S00	00024.96	POSTVILLE	0	BANCROFT STREET	219	4.0	1.0	1.0	.8	.85	595.68
03	385185X	076470	S00	00025.06	POSTVILLE	1	WEST ST.	166	4.0	1.0	1.0	.8	.85	451.52
03	385186E	062620	S00	00025.44	POSTVILLE	1	15E 75S NW/C 32-96-6	206	4.0	1.0	1.0	.8	.80	527.36
03	385187L	076460	S00	00025.72	POSTVILLE	1	72E58S NW/C 31-96-6	35	4.0	1.0	1.2	.8	.80	107.52
96	385189A	045900	S00	00027.06	POSTVILLE	1	75E78S NW/C 25-96-07	55	4.0	1.0	1.0	.8	.80	140.80
96	385192H	045890	S00	00028.34	CASTALIA	1	50E 59S NW/C26-96-07	52	4.0	1.0	1.0	.8	.80	133.12
96	385195D	045880	S00	00029.37	CASTALIA	1	50E60S NW/C 27-96-07	39	4.0	1.0	1.0	.8	.80	99.84
96	385200X	101210	S00	00030.56	CASTALIA	0	HAMMER STREET	30	4.0	1.0	1.0	.8	.85	81.60
96	385203T	138280	S00	00031.26	CASTALIA	1	90E75S NW/C20-96-7	100	4.0	1.0	1.2	.8	.80	307.20



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
96	385206N	045860	S00	00032.23	CASTALIA	1	20S NW/C 20-96-7	30	4.0	1.0	1.0	.6	.80	76.80
96	385210D	045850	S00	00033.72	OSSIAN	1	60S NW/C 18-96-7	30	4.0	1.0	1.2	.8	.80	92.16
96	385216U	045830	S00	00035.44	OSSIAN	0	HALL STREET	113	4.0	1.0	1.0	.8	.80	289.28
96	385217B	117510	S00	00035.68	OSSIAN	0	BOODY STREET	219	4.0	1.0	1.0	.8	.85	595.68
96	385218H	117520	S00	00035.77	OSSIAN	0	MARY STREET	219	4.0	1.0	1.0	.8	.85	595.68
96	385219P	117530	S00	00035.88	OSSIAN	0	LYDIA STREET	835	4.0	.6	1.0	.8	.80	1282.56
96	385220J	045840	S00	00035.98	OSSIAN	0	WEST STREET	219	4.0	1.0	1.0	.8	.80	560.64
96	385223E	045820	S00	00037.26	OSSIAN	1	50E58S NW/C 3-96-8	68	4.0	1.0	1.0	.8	.80	174.08
96	385226A	045790	S00	00038.62	OSSIAN	1	50E95S NW/C 33-97-8	24	4.0	1.0	1.0	.8	.80	61.44
96	385230P	045780	S00	00040.08	CALMAR	1	14E48S NW/C 32-97-8	330	4.0	1.0	1.0	.8	.80	844.80
96	385233K	045770	S00	00041.00	CALMAR	1	10E25S NW/C 31-97-8	16	4.0	1.0	1.0	.8	.80	40.96
96	385235Y	045760	S00	00041.99	CALMAR	0	EAST ST.	80	4.0	1.0	1.0	.7	.85	190.40
96	385236F	045300	S00	00042.18	CALMAR	0	MELDEN STREET	342	4.0	1.0	1.0	.7	.85	813.96
96	385237M	015200	S00	00042.24	CALMAR	0	MARYVILLE STREET	3550	22.0	.6	1.0	.7	.85	27881.70
96	385238U	100910	S00	00042.44	CALMAR	0	CHARLES STREET	219	4.0	1.0	1.0	.7	.85	521.22
96	385241C	046030	S00	00043.68	CALMAR	1	73E45S NW/C 27-97-09	30	4.0	1.0	1.0	.9	.80	86.40
96	385242J	095950	S00	00044.12	CALMAR	1	29E45S NW/C 27-97-09	8	4.0	1.0	1.0	.8	.80	20.48
96	385243R	046020	S00	00047.26	FORT ATKINSON	1	NW/C 9-96-9	154	4.0	1.0	1.2	.8	.80	473.09
96	385245E	109760	S00	00047.96	FORT ATKINSON	0	1ST ST. EXT	392	4.0	1.0	1.0	.8	.85	1066.24
96	385246L	046000	S00	00048.17	FORT ATKINSON	0	TENTH AVE	219	4.0	1.0	1.0	.8	.85	595.68
96	385247T	046010	S00	00048.29	FORT ATKINSON	0	MAIN ST. W-14	640	4.0	.6	1.2	.8	.80	1179.65
96	385249G	045990	S00	00048.83	FORT ATKINSON	1	85E80S NW/C 7-96-09	80	4.0	1.0	1.0	.8	.80	204.80
96	385253W	045980	S00	00050.66	FORT ATKINSON	1	40S NW/C 13-96-10	140	4.0	1.0	1.0	.8	.80	358.40
96	385254D	045970	S00	00052.36	JACKSON JUNCTION	1	50E25S NW/C 22-96-10	40	4.0	1.0	1.0	.8	.80	102.40
96	385255K	045960	S00	00052.99	JACKSON JUNCTION	1	60S NW/C 22-96-10	26	4.0	1.0	1.0	.8	.80	66.56

IOWA DEPARTMENT OF TRANSPORTATION  
RAIL AND WATER DIVISION

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
96	385256S	045950	S00	00053.53	JACKSON JUNCTION	0	MAIN STREET	210	4.0	1.0	1.2	.8	.85	685.44
96	385258F	045940	S00	00054.27	JACKSON JUNCTION	0	LOCAL	113	4.0	1.0	1.0	.8	.80	289.28
96	385259M	045930	S00	00054.92	JACKSON JUNCTION	0	LOCAL	113	4.0	1.0	1.0	.8	.80	289.28
96	385263C	045920	S00	00056.26	JACKSON JUNCTION	1	25E02S NW/C 31-96-10	13	4.0	1.0	1.2	.8	.80	39.94
19	385265R	022140	S00	00057.67	LAWLER	1	65S NW/C 36-96-11	69	4.0	1.0	1.0	.8	.80	176.64
19	385267E	023980	S00	00058.82	LAWLER	1	20S NW/C 2-95-11	79	4.0	1.0	1.0	.8	.80	202.24
19	385269T	022120	S00	00059.92	LAWLER	1	60S NW/C 3-95-11	730	4.0	.6	1.0	.8	.80	1121.28
19	385270M	022110	S00	00060.40	LAWLER	0	DEPOT STREET	219	4.0	1.0	1.0	.8	.85	595.68
19	385271U	112750	S00	00060.48	LAWLER	0	BENTZ STREET	594	4.0	1.0	1.0	.8	.85	1615.68
19	385272B	112760	S00	00060.54	LAWLER	0	BRUSH STREET	219	4.0	1.0	1.0	.8	.85	595.68
19	385273H	112770	S00	00060.60	LAWLER	0	LINCOLN STREET	219	4.0	1.0	1.0	.8	.85	595.68
19	385274P	112780	S00	00060.67	LAWLER	0	CENTER STREET	219	4.0	1.0	1.0	.8	.80	560.64
19	385279Y	022100	S00	00062.54	LAWLER	1	50E35S NW/C 6-95-11	24	4.0	1.0	1.0	.8	.80	61.44
19	385281A	022090	S00	00064.22	LAWLER	1	10S NW/C 12-95-12	55	4.0	1.0	1.0	.8	.80	140.80
19	385285C	022080	S00	00065.77	NEW HAMPTON	1	50E50S NW/C 10-95-12	80	4.0	1.0	1.0	.8	.80	204.80
19	385286J	022070	S00	00066.53	NEW HAMPTON	1	75E53S NW/C 9-95-12	46	4.0	1.0	1.0	.8	.80	117.76
19	385287R	022020	S00	00066.80	NEW HAMPTON	1	46E51S NW/C 9-95-12	35	4.0	1.0	1.2	.8	.80	107.52
19	385288X	022060	S00	00067.29	NEW HAMPTON	1	47S NW/C 9-95-12	80	4.0	1.0	1.0	.8	.80	204.80
19	385290Y	006190	S00	00068.89	NEW HAMPTON	0	N PLEASANT HILL AVE	360	4.0	.6	1.0	.8	.80	552.96
19	385292M	012510	S00	00069.20	NEW HAMPTON	0	LINN AVE	7780	4.0	.1	1.0	.8	.85	2116.16
19	385293U	116420	S00	00069.37	NEW HAMPTON	0	MAPLE AVE	577	4.0	1.0	1.0	.8	.85	1569.44
19	385294B	021910	S00	00069.52	NEW HAMPTON	1	25E50S NW/C 12-95-13	120	4.0	1.0	1.2	.8	.80	368.64
19	385295H	021900	S00	00070.27	NEW HAMPTON	1	65S NW/C 12-95-13	140	4.0	1.0	1.0	.8	.80	358.40
19	385296P	021890	S00	00070.53	NEW HAMPTON	1	30E NW/C 14-95-13	780	4.0	.6	1.2	.8	.80	1437.70
19	385297W	021880	S00	00071.31	NEW HAMPTON	1	20S NW/C 14-95-13	71	4.0	1.0	1.0	.8	.80	181.76

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
19	385293D	021870	S00	00071.68	NEW HAMPTON	1	25E70S NW/C 15-95-13	5	4.0	1.0	1.0	.8	.80	12.80
19	385299K	021860	S00	00072.59	IONIA	1	30S NW/C 21-95-13	32	4.0	1.0	1.0	.8	.80	81.92
19	385300C	021850	S00	00074.00	IONIA	1	30S NW/C 19-95-13	85	4.0	1.0	1.0	.8	.80	217.60
19	385301J	021840	S00	00076.75	IONIA	1	25E 25S NW-C24-95-14	720	4.0	1.0	2.0	.8	.80	3686.40
19	385302R	012210	S00	00077.06	IONIA	0	CENTER ST	720	4.0	.6	1.0	.8	.85	1175.04
19	385303X	093590	S00	00077.13	IONIA	0	SHEPPARD STREET	300	4.0	1.0	1.0	.8	.85	816.00
19	385305L	021830	S00	00078.22	IONIA	1	50S NW/C 14-95-14	60	4.0	1.0	1.0	.8	.80	153.60
19	385307A	021820	S00	00107.11	BASSETT	1	40E NW/C 15-95-14	15	4.0	1.0	1.0	.7	.80	33.60
19	385308G	021810	S00	00079.04	BASSETT	1	60S NW/C 10-95-14	25	4.0	1.0	1.0	.8	.80	64.00
19	385310H	021800	S00	00079.57	BASSETT	0	MAIN STREET	510	4.0	1.0	1.0	.8	.80	1305.60
19	385413H	021790	S00	00080.62	BASSETT	1	90S NW/C 5-95-14	16	4.0	1.0	1.0	.8	.80	40.96
34	385417K	027890	S00	00081.90	CHARLES CITY	1	30S NW/C 1-95-15	28	4.0	1.0	1.0	.8	.80	71.68
34	385420T	027880	S00	00083.83	CHARLES CITY	1	06S NW/C 3-95-15	121	4.0	1.0	1.0	.8	.80	309.76
34	385421A	027870	S00	00085.87	CHARLES CITY	1	70E NW/C 4-95-15	35	4.0	1.0	1.2	.8	.80	107.52
34	385422G	027840	S00	00086.05	CHARLES CITY	1	80S NW/C 33-96-15	50	4.0	1.0	1.0	.8	.80	128.00
34	385423N	027850	S00	00087.45	CHARLES CITY	1	50E96S NW/C 32-96-15	60	4.0	1.0	1.0	.8	.80	153.60
34	385424V	101930	S00	00088.29	CHARLES CITY	0	13TH AVE	590	4.0	.6	1.2	.7	.80	951.55
34	385427R	101920	S00	00088.77	CHARLES CITY	0	"E" STREET	641	4.0	.6	1.0	.7	.85	915.35
34	385428X	095420	S00	00089.08	CHARLES CITY	0	GRAND AVE	8107	4.0	.1	1.0	.7	.85	1929.47
34	385429E	101990	S00	00089.29	CHARLES CITY	0	IOWA & LANE STS.	50	4.0	1.0	1.2	.7	.80	134.40
34	385430Y	102010	S00	00089.36	CHARLES CITY	0	JOSLIN STREET	100	4.0	1.0	1.2	.7	.80	268.80
34	385431F	102020	S00	00089.43	CHARLES CITY	0	RICHING&ILLINOIS	50	4.0	1.0	1.2	.7	.80	134.40
34	385432M	102030	S00	00089.52	CHARLES CITY	0	HOWARD STREET	100	4.0	1.0	1.0	.7	.80	224.00
34	385433U	102040	S00	00089.59	CHARLES CITY	0	KELLOGG STREET	442	4.0	1.0	1.0	.7	.80	990.08
34	385434B	102050	S00	00089.70	CHARLES CITY	0	RIVERSIDE AVE	50	4.0	1.0	1.0	.7	.80	112.00



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
34	385436P	028080	S00	00092.31	CHARLES CITY	1	70S NW/C 34-96-16	200	4.0	1.0	1.0	.8	.80	512.00
34	385437W	028070	S00	00092.84	CHARLES CITY	1	40E45S NW/C 33-96-16	130	4.0	1.0	1.0	.8	.80	332.80
34	385438D	028060	S00	00093.90	CHARLES CITY	1	50E20S NW/C 32-96-16	23	4.0	1.0	1.0	.8	.80	58.88
34	385440E	028050	S00	00095.40	CHARLES CITY	1	80S NW/C 30-96-16	13	4.0	1.0	1.0	.8	.80	33.28
34	385441L	028040	S00	00096.19	RUDD	1	20E50S NW/C 25-96-17	15	4.0	1.0	1.0	.8	.80	38.40
34	385442T	028030	S00	00096.44	RUDD	1	40S NW/C 25-96-17	660	4.0	.6	1.0	.8	.80	1013.76
34	385445N	028020	S00	00097.48	RUDD	1	10S NW/C 26-96-17	11	4.0	1.0	1.0	.8	.80	28.16
34	385446V	028010	S00	00097.80	RUDD	1	65E NW/C 27-96-17	30	4.0	1.0	1.2	.8	.80	92.16
34	385447C	028000	S00	00098.52	RUDD	1	80S NW/C 22-96-17	61	4.0	1.0	1.0	.8	.80	156.16
34	385448J	027990	S00	00099.57	RUDD	1	50S NW/C 21-96-17	34	4.0	1.0	1.0	.8	.80	87.04
34	385450K	027980	S00	00100.62	RUDD	1	10S NW/C 20-96-17	70	4.0	1.0	1.0	.8	.80	179.20
34	385451S	119710	S00	00101.10	RUDD	0	FLOYD STREET	219	4.0	1.0	1.0	.8	.80	560.64
34	385452Y	095440	S00	00101.37	RUDD	0	FOURTH STREET	219	4.0	1.0	1.0	.8	.85	595.68
34	385453F	027970	S00	00101.42	RUDD	0	FIFTH STREET	219	4.0	1.0	1.0	.8	.85	595.68
34	385454M	122240	S00	00101.49	RUDD	0	SIXTH	1002	4.0	.1	1.0	.8	.85	272.54
34	385455U	027960	S00	00102.53	RUDD	1	60S NW/C 13-96-18	48	4.0	1.0	1.0	.8	.80	122.88
34	385457H	004590	S00	00103.55	RUDD	1	36S NW/C 14-96-18	440	4.0	.6	1.0	.8	.80	675.84
34	385458F	027950	S00	00104.48	NORA SPRINGS	1	10S NW/C 15-96-18	42	4.0	1.0	1.0	.8	.80	107.52
34	385459W	003770	S00	00105.52	NORA SPRINGS	1	20E98S NW/C 9-96-18	87	4.0	1.0	1.0	.8	.80	222.72
34	385460R	116720	S00	00106.21	NORA SPRINGS	0	ROCK GROVE DR.	65	4.0	1.0	1.2	.8	.80	199.68
34	385461X	027330	S00	00106.67	NORA SPRINGS	0	HAWKEYE STREET	74	4.0	1.0	1.0	.8	.85	201.28
34	385462E	116740	S00	00106.97	NORA SPRINGS	0	HOCKER DR.	37	4.0	1.0	1.0	.7	.80	82.88
34	385463L	093500	S00	00107.64	MASON CITY	1	10S NW/C 18-96-18	342	4.0	.6	1.0	.8	.80	525.31
17	385465A	063200	S00	00108.64	MASON CITY	1	40S NW/C 13-96-19	51	4.0	1.0	1.0	.8	.80	130.56
17	385466G	063210	S00	00109.65	MASON CITY	1	55S NW/C 14-96-19	85	4.0	1.0	1.0	.8	.80	217.60

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPCST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
17	385469C	063220	S00	00111.68	MASON CITY	1	80S NW/C 16-96-19	30	4.0	1.0	1.0	.8	.80	76.80
17	385471D	063230	S00	00112.68	MASON CITY	1	80S NW/C 17-96-19	790	4.0	.6	1.0	.8	.85	1289.28
17	385472K	063240	S00	00113.74	MASON CITY	1	65S NW/C 18-96-19	110	4.0	1.0	1.0	.8	.80	281.60
17	385483X	095210	S00	00000.05	MASON CITY	0	CAROLINA AVE	2553	.5	.6	1.0	.7	.75	402.10
17	385484E	095850	S00	00115.76	MASON CITY	0	SOUTH KENTUCKY AV	3382	8.0	.6	1.0	.8	.80	10389.50
17	385485L	114700	S00	00116.02	MASON CITY	0	SOUTH VIRGINIA AV	1161	8.0	.6	1.0	.7	.80	3120.77
17	385486T	114710	S00	00116.15	MASON CITY	0	CAROLINA PLACE	580	8.0	1.0	1.0	.7	.80	2598.40
17	385487A	114730	S00	00116.27	MASON CITY	0	SO CAROLINA AVE	2553	8.0	.6	1.0	.7	.85	7291.37
17	385489N	114720	S00	00116.91	MASON CITY	0	PRESIDENT AVE	439	5.0	.6	1.0	.7	.85	783.62
17	385491P	131170	S00	00117.40	MASON CITY	0	VAN BUREN AVE	1598	5.0	1.0	1.0	.7	.80	4474.40
17	385493D	063250	S00	00118.79	MASON CITY	0	TAFT AVE	3968	3.0	.1	1.0	.8	.80	761.86
17	385495S	063260	S00	00119.80	MASON CITY	0	EISENHOWER AVE.	1669	1.0	.6	1.0	.8	.80	640.90
17	385497F	063270	S00	00120.81	MASON CITY	1	20S NW/C 13-96-21	711	1.0	.6	1.0	.8	.80	273.02
17	385501T	063280	S00	00122.81	CLEAR LAKE	1	08S NW/C 15-96-21	110	1.0	1.0	1.0	.8	.80	70.40
17	385502A	063290	S00	00123.49	CLEAR LAKE	1	40E NW/C 16-96-21	60	1.0	1.0	1.0	.8	.80	38.40
17	385503G	063300	S00	00123.81	CLEAR LAKE	1	98S NW/C 9-96-21	460	1.0	.6	1.0	.8	.80	176.64
17	385507J	102740	S00	00125.08	CLEAR LAKE	0	TWENTIETH ST NO	2074	1.0	.6	1.0	.8	.80	796.42
17	385508R	010310	S00	00125.12	CLEAR LAKE	0	SEVENTH AVE NO	2074	1.0	.1	1.2	.8	.80	159.28
17	385509X	102750	S00	00125.44	CLEAR LAKE	0	NO FOURTEENTH ST	436	1.0	1.0	1.0	.8	.85	296.48
17	385510S	102730	S00	00125.49	CLEAR LAKE	0	THIRTEENTH ST NO	436	1.0	1.0	1.0	.8	.80	279.04
17	385511Y	102720	S00	00125.56	CLEAR LAKE	0	TWELFTH STREET NO	4558	1.0	1.0	1.0	.8	.80	2917.12
17	385512F	102710	S00	00125.68	CLEAR LAKE	0	TENTH STREET NO	4934	1.0	1.0	1.0	.8	.80	3157.76
17	385513M	102700	S00	00125.82	CLEAR LAKE	0	EIGHTH STREET NO	6870	1.0	.6	1.0	.8	.80	2638.08
17	385514U	102690	S00	00125.91	CLEAR LAKE	0	SIXTH STREET NO	436	1.0	1.0	1.0	.8	.85	296.48
17	385515B	102670	S00	00126.19	CLEAR LAKE	0	FIFTH STREET NO	1578	1.0	1.0	1.0	.8	.85	1073.04

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EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
17	385516H	102660	S00	00126.36	CLEAR LAKE	0	SECOND PLACE NO	3200	1.0	.6	1.0	.8	.85	1335.60
17	385517F	063310	S00	00127.33	CLEAR LAKE	0	SEVENTEENTH	436	1.0	1.0	1.0	.8	.80	279.04
17	385518W	063320	S00	00128.01	CLEAR LAKE	0	SHOREWOOD WAY	320	1.0	1.0	1.0	.8	.80	204.80
17	385520X	063330	S00	00128.87	VENTURA	1	CLARK DRIVE	2	1.0	1.0	1.0	.8	.80	5.12
17	385521E	063340	S00	00129.91	VENTURA	0	MC INTOSH RD	1590	1.0	.1	1.0	.8	.80	101.76
17	385523T	063350	S00	00130.92	VENTURA	0	MAIN ST	97	1.0	.6	1.0	.8	.85	39.58
17	385525G	140380	S00	00131.94	VENTURA	1	78S NW/C 18-96-22	55	1.0	1.0	1.0	.8	.80	35.20
41	385526N	081130	S00	00132.98	VENTURA	1	15S NW/C 24-96-23	180	1.0	1.0	1.0	.8	.80	115.20
41	385528C	081140	S00	00134.02	VENTURA	1	47S NW/C 23-96-23	35	1.0	1.0	1.0	.8	.80	22.40
41	385529J	081150	S00	00135.08	GARNER	1	80S NW/C 22-96-23	10	1.0	1.0	1.0	.8	.85	6.80
41	385531K	081160	S00	00136.12	GARNER	1	15S NW/C 28-96-23	35	1.0	1.0	1.0	.8	.80	22.40
41	385533Y	023900	S00	00137.27	GARNER	0	SEYMOUR STREET	234	1.0	1.0	1.0	.7	.80	131.04
41	385534F	081170	S00	00137.47	GARNER	0	STATE STREET	483	1.0	.6	1.0	.7	.85	172.43
41	385535M	110560	S00	00137.60	GARNER	0	ALLEN AVE	342	1.0	1.0	1.0	.7	.85	203.49
41	385537B	081180	S00	00139.20	GARNER	1	70S NW/C 25-96-24	65	1.0	1.0	1.0	.8	.80	41.60
41	385539P	081190	S00	00140.69	GARNER	1	50E75S NW/C 27-96-24	20	1.0	1.0	1.0	.8	.80	12.80
41	385540J	081200	S00	00141.20	GARNER	1	75S NW/C 27-96-24	23	1.0	1.0	1.0	.8	.80	14.72
41	385541R	081210	S00	00142.20	GARNER	1	75S NW/C 28-96-24	30	1.0	1.0	1.0	.8	.80	19.20
41	385542X	096190	S00	00142.89	GARNER	1	35E68S NW/C 29-96-24	10	1.0	1.0	1.0	.8	.85	6.80
41	385543E	081220	S00	00143.19	BRITT	1	70S NW/C 29-96-24	209	1.0	1.0	1.0	.8	.80	133.76
41	385545T	081230	S00	00144.19	BRITT	1	80S NW/C 30-96-24	25	1.0	1.0	1.0	.8	.80	16.00
41	385561C	006820	S00	00146.93	BRITT	1	45E70S27-96-25	610	1.0	1.0	1.0	.8	.80	390.40
41	385563R	058440	S00	00147.67	BRITT	0	MAIN AVE	3560	1.0	.6	1.0	.8	.85	1452.48
41	385564X	093510	S00	00147.90	BRITT	0	FOURTH AVENUE NW	219	1.0	1.0	1.0	.8	.85	148.92
41	385565E	081240	S00	00148.23	BRITT	1	9TH AVE. NW	980	1.0	1.0	1.0	.8	.80	627.20



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41	385566L	081250	S00	00149.23	BRITT	1	08S NW/C 32-96-25	33	1.0	1.0	1.0	.8	.80	21.12
41	385568A	081260	S00	00150.22	BRITT	1	20S NW/C 31-96-25	80	1.0	1.0	1.0	.8	.80	51.20
41	385570B	081270	S00	00151.22	BRITT	1	30S NW/C 36-96-26	30	1.0	1.0	1.0	.8	.80	19.20
41	385572P	006840	S00	00151.97	BRITT	1	25E40S NW/C 35-96-26	150	1.0	1.0	1.0	.8	.85	102.00
41	385575K	004680	S00	00153.23	WESLEY	1	50S NW/C 34-96-26	100	1.0	1.0	1.0	.8	.80	64.00
41	385577Y	081280	S00	00154.23	WESLEY	1	65S NW/C 33-96-26	110	1.0	1.0	1.0	.8	.80	70.40
41	385579M	081290	S00	00155.25	WESLEY	1	50S NW/C 32-96-26	25	1.0	1.0	1.0	.8	.80	16.00
41	385580G	023250	S00	00156.27	WESLEY	1	40S NW/C 31-96-26	590	1.0	.6	1.0	.8	.80	226.56
55	385581N	035160	S00	00157.27	WESLEY	0	EAST STREET	404	1.0	1.0	1.0	.8	.85	274.72
55	385582V	125040	S00	00157.39	WESLEY	0	SECOND STREET	219	1.0	1.0	1.0	.8	.85	148.92
55	385583C	125050	S00	00157.46	WESLEY	0	THIRD STREET	342	1.0	1.0	1.0	.8	.85	232.56
55	385584J	035150	S00	00157.77	WESLEY	1	45E 55SNW/C 35-96-27	113	1.0	1.0	1.0	.8	.85	76.84
55	385585R	035140	S00	00158.28	WESLEY	1	62S NW/C 35-96-27	50	1.0	1.0	1.0	.8	.80	32.00
55	385588L	013710	S00	00159.26	WESLEY	1	75S NW/C 34-96-27	62	1.0	1.0	1.0	.8	.80	39.68
55	385589T	035130	S00	00159.77	WESLEY	1	50E 87SNW/C 33-96-27	65	1.0	1.0	1.0	.8	.80	41.60
55	385590M	017910	S00	00160.28	WESLEY	1	98S NW/C 33-96-27	69	1.0	.6	1.0	.8	.80	26.50
55	385592B	007160	S00	00161.27	WESLEY	1	NW/C 5-95-27	55	1.0	1.0	1.0	.8	.80	35.20
55	385595W	035120	S00	00162.30	WESLEY	1	09S NW/C 6-95-27	460	1.0	.6	1.0	.8	.85	187.68
55	385596D	035110	S00	00162.39	WESLEY	1	94E 12S NW/C 1-95-28	100	1.0	1.0	1.0	.8	.85	68.00
55	385597K	035100	S00	00163.28	ALGONA	1	15S NW/C 1-95-28	20	1.0	1.0	1.0	.8	.80	12.80
55	385600R	035090	S00	00164.30	ALGONA	1	20S NW/C 2-95-28	5	1.0	1.0	1.0	.8	.80	3.20
55	385602E	035080	S00	00165.30	ALGONA	1	26S NW/C 3-95-28	160	1.0	1.0	1.0	.8	.80	102.40
55	385604T	035070	S00	00167.34	ALGONA	1	34S NW/C 5-95-28	85	1.0	1.0	1.0	.8	.80	54.40
55	385606G	081480	S00	00168.84	ALGONA	0	MAIN STREET	3410	1.0	.6	1.0	.8	.85	1391.28
55	385607N	097630	S00	00168.96	ALGONA	0	ROAN STREET	258	1.0	1.0	1.0	.8	.80	165.12

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55	385610W	097620	S00	00169.94	ALGONA	0	N PARK DR	963	1.0	.6	1.0	.8	.80	369.79
55	385612K	034390	S00	00171.46	ALGONA	1	86S NW/C 3-95-29	60	1.0	1.0	1.0	.8	.80	38.40
55	385614Y	034880	S00	00172.46	ALGONA	1	73S NW/C 4-95-29	470	1.0	.1	1.0	.6	.85	31.96
55	385616M	034870	S00	00173.47	ALGONA	1	68S NW/C 5-95-29	35	1.0	1.0	1.0	.8	.80	22.40
55	385618B	034860	S00	00174.46	WHITTEMORE	1	75S NW/C 6-95-29	20	1.0	1.0	1.2	.8	.80	15.36
55	385619F	007190	S00	00175.17	WHITTEMORE	1	32E NW/C 12-95-30	1010	1.0	.6	1.2	.8	.80	465.41
55	385620C	034850	S00	00175.54	WHITTEMORE	1	14S NW/C 12-95-30	65	1.0	1.0	1.0	.8	.80	41.60
55	385623X	034840	S00	00177.64	WHITTEMORE	1	70S NW/C 10-95-30	273	1.0	1.0	1.0	.8	.80	174.72
55	385625L	013690	S00	00179.63	WHITTEMORE	0	FOURTH STREET	1130	1.0	.6	1.0	.8	.85	461.04
55	385626T	125300	S00	00179.70	WHITTEMORE	0	FIFTH STREET	342	1.0	.6	1.0	.8	.85	139.54
55	385628G	035200	S00	00180.70	WHITTEMORE	1	90S NW/C 6-95-30	760	1.0	.6	1.0	.8	.80	291.84
74	385631P	080650	S00	00181.73	WHITTEMORE	1	70S NW/C 1-95-31	19	1.0	1.0	1.0	.8	.80	12.16
74	385632W	080660	S00	00182.75	WHITTEMORE	1	50S NW/C 2-95-31	44	1.0	1.0	1.0	.8	.80	28.16
74	385634K	080670	S00	00183.77	CYLINDER	1	30S NW/C 3-95-31	15	1.0	1.0	1.0	.8	.80	9.60
74	385636Y	080680	S00	00184.80	CYLINDER	1	10S NW/C 4-95-31	150	1.0	1.0	1.0	.8	.80	96.00
74	385638M	080690	S00	00185.83	CYLINDER	1	85S NW/C 32-96-31	25	1.0	1.0	1.0	.8	.80	16.00
74	385639U	080700	S00	00186.34	CYLINDER	1	50E 75SNW/C 31-96-31	200	1.0	1.0	1.0	.8	.85	136.00
74	385640N	080710	S00	00187.88	CYLINDER	1	37S NW/C 36-96-32	60	1.0	1.0	1.0	.8	.80	36.40
74	385641V	080720	S00	00188.89	CYLINDER	1	13S NW/C 35-96-32	20	1.0	1.0	1.0	.8	.80	12.80
74	385642C	080730	S00	00189.44	CYLINDER	1	60E NW/C 34-96-32	69	1.0	1.0	1.2	.8	.80	52.99
74	385643J	080740	S00	00189.92	EMMETSBURG	1	90S NW/C 27-96-32	50	1.0	1.0	1.0	.6	.80	32.00
74	385645X	080750	S00	00190.96	EMMETSBURG	1	60S NW/C 28-96-32	35	1.0	1.0	1.0	.8	.80	22.40
74	385649A	109060	S00	00192.60	EMMETSBURG	0	JEFFERSON STREET	384	1.0	1.0	1.0	.8	.85	261.12
74	385650U	109050	S00	00192.73	EMMETSBURG	0	PLEASANT STREET	384	1.0	1.0	1.2	.8	.85	313.34
74	385651B	109040	S00	00192.85	EMMETSBURG	0	GRAND AVE	1120	1.0	1.0	1.0	.8	.85	761.60

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
74	385652H	014440	S00	00192.99	EMMETSBURG	0	BROADWAY STREET	6220	1.0	.1	1.0	.8	.85	422.96
74	385653P	109030	S00	00193.06	EMMETSBURG	0	LAKE STREET	384	1.0	1.0	1.0	.8	.85	261.12
74	385654W	109020	S00	00193.12	EMMETSBURG	0	PALMAR STREET	300	1.0	1.0	1.0	.8	.85	204.00
74	385655D	109010	S00	00193.18	EMMETSBURG	0	LAWLER STREET	1140	1.0	1.0	1.0	.8	.80	729.60
74	385656K	093520	S00	00193.37	EMMETSBURG	0	HARRISON STREET	384	1.0	1.0	1.0	.8	.80	245.76
74	385657S	080760	S00	00194.00	EMMETSBURG	0	NO NAME STREET	530	1.0	.6	1.0	.8	.80	203.52
74	385659F	033520	S00	00195.02	EMMETSBURG	1	90S NW/C 23-96-33	30	1.0	1.0	1.0	.8	.80	19.20
74	385665J	080780	S00	00197.06	EMMETSBURG	1	55S NW/C 21-96-33	65	1.0	1.0	1.0	.8	.80	41.60
74	385668E	080790	S00	00198.08	RUTHVEN	1	40S NW/C 20-96-33	25	1.0	1.0	1.0	.8	.80	16.00
74	385671M	033510	S00	00199.09	RUTHVEN	1	15S NW/C 19-96-33	56	1.0	1.0	1.0	.8	.80	35.84
74	385678K	080800	S00	00201.15	RUTHVEN	1	80S NW/C 14-96-34	50	1.0	1.0	1.0	.8	.85	34.00
74	385679S	080810	S00	00202.14	RUTHVEN	1	89S NW/C 15-96-34	61	1.0	1.0	1.0	.8	.80	39.04
74	385681T	080820	S00	00203.67	RUTHVEN	1	50E74S NW/C 17-96-34	60	1.0	1.0	1.0	.8	.80	38.40
74	385682A	014450	S00	00204.16	RUTHVEN	0	STEWART STREET	392	1.0	1.0	1.0	.8	.85	266.56
74	385683G	037380	S00	00204.29	RUTHVEN	0	GOWRIE STREET	1340	1.0	.6	1.0	.8	.85	546.72
74	385684N	119760	S00	00204.42	RUTHVEN	0	WASHINGTON STREET	219	1.0	1.0	1.0	.8	.85	148.92
74	385685V	119770	S00	00204.56	RUTHVEN	0	BURNS STREET	219	1.0	1.0	1.0	.8	.80	140.16
74	385686C	080830	S00	00205.05	RUTHVEN	1	52S NW/C 18-96-34	417	1.0	.6	1.0	.8	.80	160.13
21	385690S	080840	S00	00207.14	RUTHVEN	1	25S NW/C 14-96-35	11	1.0	1.0	1.0	.8	.80	7.04
21	385691Y	080850	S00	00208.22	DICKENS	1	60S NW/C 15-96-35	511	1.0	1.0	1.0	.8	.80	327.04
21	385693M	080860	S00	00209.17	DICKENS	1	60S NW/C 16-96-35	71	1.0	1.0	1.0	.8	.80	45.44
21	385695B	049500	S00	00210.46	DICKENS	0	PINE ST	120	1.0	1.0	1.0	.8	.80	76.80
21	385696H	005070	S00	00210.84	DICKENS	0	MAIN STREET	400	1.0	.6	1.0	.8	.85	163.20
21	385697P	080870	S00	00211.32	DICKENS	1	58S NW/C 18-96-35	1130	1.0	1.0	1.0	.8	.80	723.20
21	385699D	080880	S00	00212.33	DICKENS	1	30S NW/C 13-96-36	30	1.0	1.0	1.0	.8	.80	19.20



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
21	385702J	080890	S00	00213.33	DICKENS	1	20S NW/C 14-96-36	40	1.0	1.0	1.0	.8	.80	25.60
21	385705E	006210	S00	00214.68	SPENCER	1	50E NW/C 16-96-36	1101	1.0	.1	1.2	.8	.85	89.84
21	385706L	080900	S00	00215.36	SPENCER	1	96S NW/C 9-96-36	60	1.0	1.0	1.0	.8	.85	40.80
21	385708A	080910	S00	00216.34	SPENCER	0	TENTH AVE EAST	1628	1.0	1.0	1.0	.7	.85	968.66
21	385709G	121500	S00	00216.62	SPENCER	0	SIXTH AVE EAST	250	1.0	1.0	1.0	.7	.85	148.75
21	385710B	121490	S00	00216.76	SPENCER	0	FOURTH AVE EAST	2311	1.0	1.0	1.0	.7	.85	1375.05
21	385712P	121480	S00	00216.91	SPENCER	0	SECOND AVE EAST	1190	1.0	1.0	1.0	.7	.85	708.05
21	385714D	121450	S00	00158.50	SPENCER	0	W. 8TH ST	729	.5	1.0	1.0	.7	.75	191.36
21	385715K	121850	S00	00158.50	SPENCER	0	W. 8TH ST	729	.5	1.0	1.0	.7	.75	191.36
21	385716S	011530	S00	00217.06	SPENCER	0	NORTH GRAND AVE	13000	1.0	.1	1.0	.7	.85	773.50
21	385717Y	121470	S00	00217.34	SPENCER	0	FOURTH AVE WEST	1150	1.0	.6	1.0	.7	.85	410.55
21	385718F	121460	S00	00217.50	SPENCER	0	SIXTH AVE WEST	1296	1.0	1.0	1.0	.7	.85	771.12
21	385719M	121870	S00	00217.84	SPENCER	0	ELEVENTH AVE WEST	2130	1.0	1.0	1.0	.7	.85	1267.35
21	385720G	134060	S00	00218.53	SPENCER	0	COUNTRY CLUB DR.	446	1.0	1.0	1.0	.7	.80	249.76
21	385721N	140180	S00	00218.90	SPENCER	0	COUNTRY CLUB LANE	250	1.0	1.0	1.0	.7	.80	140.00
21	385722V	080920	S00	00219.42	SPENCER	1	50S NW/C 11-96-37	1090	1.0	.6	1.0	.7	.80	366.24
21	385723C	080930	S00	00220.43	SPENCER	1	40S NW/C 10-96-37	50	1.0	1.0	1.0	.8	.80	32.00
21	385724J	080940	S00	00221.42	SPENCER	1	15S NW/C 9-96-37	120	1.0	1.0	1.0	.8	.80	76.80
21	385729T	134070	S00	00223.36	EVERLY	1	96S NW/C 6-96-37	65	1.0	1.0	1.0	.8	.80	41.60
21	385731U	080950	S00	00225.42	EVERLY	1	60S NW/C 2-96-38	45	1.0	1.0	1.0	.8	.80	28.80
21	385733H	109300	S00	00226.21	EVERLY	0	RUMSEY STREET	219	1.0	1.0	1.0	.8	.85	148.92
21	385734P	109290	S00	00226.35	EVERLY	0	MAIN STREET	100	1.0	1.0	1.0	.8	.85	68.00
21	385735W	012220	S00	00226.43	EVERLY	0	OCHAYDON STREET	997	1.0	.6	1.0	.8	.85	406.78
21	385737K	080960	S00	00229.44	MONETA	1	35S NW/C 6-96-38	134	1.0	1.0	1.0	.8	.80	85.76
71	385739Y	072930	S00	00230.20	MONETA	1	30E NW/C 1-96-39	37	1.0	1.0	2.0	.8	.80	47.36

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
71	385740T	072940	S00	00230.43	HARTLEY	1	95S NW/C 36-97-39	3	1.0	1.0	1.0	.8	.80	1.92
71	385742G	072950	S00	00231.51	HARTLEY	1	65S NW/C 35-97-39	23	1.0	1.0	1.0	.8	.80	14.72
71	385744V	072960	S00	00232.53	HARTLEY	1	60S NW/C 34-97-39	90	1.0	1.0	1.0	.8	.80	57.60
71	385745C	072970	S00	00233.52	HARTLEY	1	SO. EIGHTH AVE. EAST	370	1.0	1.0	1.0	.8	.80	236.80
71	385747R	072980	S00	00234.03	HARTLEY	0	SOUTH CENTRAL AVE	1299	1.0	.6	1.0	.8	.85	529.99
71	385748X	093760	S00	00234.11	HARTLEY	0	SO. 1ST AVENUE WEST	342	1.0	1.0	1.0	.8	.85	232.56
71	385749E	072990	S00	00234.53	HARTLEY	1	SO. 8TH STREET WEST	931	1.0	.6	1.0	.8	.80	357.50
71	385750Y	073000	S00	00235.43	HARTLEY	1	40S NW/C 31-97-39	10	1.0	1.0	1.0	.8	.85	6.80
71	385751F	073010	S00	00236.42	HARTLEY	1	27S NW/C 36-97-40	70	1.0	1.0	1.0	.8	.80	44.80
71	385753U	073020	S00	00237.43	HARTLEY	1	28S NW/C 35-97-40	4	1.0	1.0	1.0	.8	.80	999999.99
71	385755H	073030	S00	00238.42	HARTLEY	1	28S NW/C 34-97-40	80	1.0	.1	1.0	.8	.80	5.12
71	385757W	073040	S00	00239.42	SANBORN	1	30S NW/C 33-97-40	37	1.0	1.0	1.0	.8	.80	23.68
71	385759K	073050	S00	00240.42	SANBORN	1	30S NW/C 32-97-40	45	1.0	1.0	1.0	.8	.80	28.80
71	385760E	007780	S00	00241.42	SANBORN	1	38S NW/C 31-97-40	910	1.0	.6	1.0	.8	.80	349.44
71	385762T	073060	S00	00242.42	SANBORN	1	40S NW/C 36-97-41	370	1.0	1.0	1.0	.8	.80	236.80
71	385763A	093770	S00	00243.27	SANBORN	0	ANGIE ST	392	1.0	1.0	1.0	.8	.85	266.56
71	385764G	073070	S00	00243.42	SANBORN	1	WEST ERN ST	288	1.0	1.0	1.0	.8	.80	184.32
71	385765N	073080	S00	00244.47	SANBORN	1	50S NW/C 34-97-41	230	1.0	1.0	1.0	.8	.80	147.20
71	385766V	073090	S00	00245.43	SANBORN	1	50S NW/C 33-97-41	35	1.0	1.0	1.0	.8	.80	22.40
71	385767C	073100	S00	00246.47	SANBORN	1	50S NW/C 32-97-41	35	.5	1.0	1.0	.8	.80	11.20
71	385769R	073110	S00	00247.43	SANBORN	1	50S NW/C 31-97-41	250	.5	1.0	1.0	.8	.80	80.00
71	385770K	073120	S00	00248.43	SHELDON	1	60S NW/C 36-97-42	30	.5	1.0	1.0	.8	.80	9.60
71	385771S	008670	S00	00249.45	SHELDON	1	60S NW/C 35-97-42	35	.5	1.0	1.0	.8	.80	11.20
71	385772Y	073130	S00	00250.43	SHELDON	1	70S NW/C 34-97-42	400	.5	.6	1.0	.8	.80	76.80
71	385773F	073140	S00	00251.42	SHELDON	1	55S NW/C 33-97-42	400	.5	1.0	1.0	.8	.80	128.00

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA KING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
71	385775U	120270	S00	00252.50	SHELDON	0	WASHINGTON STREET	870	.5	.6	1.0	.8	.80	167.04
71	385776B	120260	S00	00252.76	SHELDON	0	TENTH AVE	384	.5	1.0	1.0	.7	.80	107.52
71	385778P	120240	S00	00252.89	SHELDON	0	EIGHTH AVE	150	.5	1.0	1.0	.7	.80	42.00
71	385779W	120220	S00	00253.26	SHELDON	0	THIRD AVE	783	.5	.8	1.0	.7	.85	186.35
71	385780R	093780	S00	00253.33	SHELDON	0	SECOND AVE	6140	.5	1.0	1.0	.7	.75	1611.75
71	385781X	022560	S00	00253.33	SHELDON	0	SECOND AVE	6140	.5	.6	1.0	.7	.85	1095.99
55	390124S	139910	S00	00168.30	ALGONA	1	EAST ST.(ECL)	75	1.0	.6	1.0	.8	.80	28.80
31	393001R	138980	S00	00000.08	DUBUQUE	1	80E20SNW/C 35-90-2E	86	.5	1.0	.0	.7	.75	999999.99
31	393002X	138990	S00	00000.06	DUBUQUE	1	80E20SNW/C 35-90-2E	67	.5	1.0	.0	.7	.75	999999.99
31	393003E	139000	S00	00000.14	DUBUQUE	0	KERPER BLVD	1100	.5	1.0	1.0	.7	.75	288.75
49	393004L	139010	S00	00000.27	BELLEVUE	1	75E06SNW/C 1-86-E4	49	.5	1.0	1.0	.7	.75	12.86
70	393007G	139610	IAIS	00000.10	WILTON	0	W FIRST ST	1282	6.5	1.0	1.0	.7	.75	4374.83
82	393008N	140260	IAIS	00186.93	DAVENPORT	0	FAIRMOUNT ST	2284	6.5	.6	1.0	.9	1.00	8016.84
73	481072E	099010	COE	00344.91	BLANCHARD	0	NORTH ST.	45	1.0	1.0	1.0	.8	.85	30.60
73	481075A	052120	COE	00345.91	BLANCHARD	1	95E NW/C 29-67-38	270	1.0	1.0	1.0	.8	.80	172.80
73	481078V	091170	COE	00346.92	BLANCHARD	1	05E NW/C 21-67-38	24	1.0	1.0	1.0	.8	.80	15.36
73	481081D	091160	COE	00347.92	COIN	1	14E NW/C 16-67-38	15	1.0	1.0	1.0	.8	.80	9.60
73	481084Y	091150	COE	00349.17	COIN	1	60E NW/C 8-67-38	5	1.0	1.0	1.0	.8	.80	3.20
73	481085F	091130	COE	00350.11	COIN	0	LINCOLN ST	464	1.0	.6	1.0	.8	.85	189.31
73	481086M	091120	COE	00350.20	COIN	0	MAIN ST	1299	1.0	1.0	1.0	.8	.85	883.32
73	481087U	091110	COE	00350.76	COIN	0	NO NAME	113	1.0	1.0	1.0	.8	.80	72.32
73	481088B	091100	COE	00351.16	COIN	1	35E NW/C 32-68-38	25	1.0	1.0	1.0	.8	.80	16.00
73	481089H	000180	COE	00351.63	COIN	1	60S NW/C 29-68-38	30	1.0	1.0	1.0	.8	.80	19.20
73	481091J	091090	COE	00352.73	COIN	1	40S NW/C 30-68-38	10	1.0	1.0	1.2	.8	.80	7.68
73	481092R	091080	COE	00353.17	COIN	1	80E NW/C 25-68-39	25	1.0	1.0	1.2	.8	.80	19.20



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
73	481094E	091070	COE	00354.07	COIN	1	60S NW/C 24-68-39	70	1.0	1.0	1.0	.8	.80	44.80
73	481097A	091050	COE	00356.12	COIN	1	35E NW/C 14-68-39	15	1.0	1.0	1.0	.8	.80	9.60
73	481098G	091040	COE	00357.20	SHENANDOAH	1	40E NW/C 11-68-39	10	1.0	1.0	1.0	.8	.80	6.40
73	481100F	000120	COE	00357.85	SHENANDOAH	1	30S NW/C 36-69-39	15	1.0	1.0	1.2	.8	.80	11.52
73	481104H	091000	COE	00360.27	SHENANDOAH	1	30S NW/C 27-69-39	70	1.0	1.0	1.2	.8	.80	53.76
73	481105P	090990	COE	00360.40	SHENANDOAH	1	80E NW/C 28-69-39	93	1.0	1.0	1.0	.8	.80	59.52
73	481106W	050520	COE	00361.55	SHENANDOAH	1	40S NW/C 21-69-39	30	1.0	1.0	1.0	.8	.80	19.20
73	481107D	120350	COE	00362.39	SHENANDOAH	0	ARGUS RD	264	1.0	1.0	1.0	.8	.80	168.96
73	481108K	014390	COE	00362.00	SHENANDOAH	0	CENTER ST	2820	.5	1.0	1.0	.7	.75	740.25
73	481109S	014390	COE	00362.64	SHENANDOAH	0	NORTH CENTER ST.	2820	1.0	.6	1.2	.8	.85	1380.67
73	481120S	130240	COE	00362.73	SHENANDOAH	0	FERGUSON	2660	1.0	1.0	1.0	.8	.85	1808.80
73	481122F	014370	COE	00364.46	SHENANDOAH	1	48S NW/C 7-69-39	1920	1.0	.6	1.2	.8	.80	884.74
36	481123M	011330	COE	00365.13	SHENANDOAH	1	65E NW/C 12-69-40	33	1.0	1.0	1.2	.8	.80	25.34
36	481124U	029400	COE	00365.92	SHENANDOAH	1	55S NW/C 1-69-40	19	1.0	1.0	1.2	.8	.80	14.59
36	481125B	029410	COE	00366.56	SHENANDOAH	1	70E NW/C 2-69-40	31	1.0	1.0	1.0	.8	.80	19.84
36	481130X	012900	COE	00371.15	IMOGENE	1	65E NW/C 15-70-40	440	1.0	.6	1.0	.8	.80	168.96
36	481131E	029430	COE	00371.58	IMOGENE	0	BROOKLYN DRIVE	219	1.0	1.0	1.0	.8	.85	148.92
36	481132L	014580	COE	00372.15	IMOGENE	1	60E NW/C 10-70-40	75	1.0	1.0	1.0	.8	.80	48.00
36	481134A	029440	COE	00373.24	IMOGENE	1	30E NW/C 3-70-40	20	1.0	1.0	1.2	.8	.80	15.36
65	481136N	087840	COE	00374.73	IMOGENE	1	32S NW/C 33-71-40	5	1.0	1.0	1.0	.8	.80	99999.99
65	481137V	087830	COE	00375.23	IMOGENE	1	75E NW/C 32-71-40	20	1.0	1.0	1.2	.8	.80	15.36
65	481138C	087820	COE	00376.42	IMOGENE	1	20S NW/C 29-71-40	15	1.0	1.0	1.2	.8	.80	99999.99
65	481140D	087800	COE	00377.92	IMOGENE	1	20E NW/C 19-71-40	100	1.0	1.0	1.2	.8	.80	76.80
65	481141K	087790	COE	00378.14	MALVERN	1	87S NW/C 18-71-40	240	1.0	1.0	1.2	.8	.80	184.32
65	481147B	064160	COE	00381.13	MALVERN	1	75E37S NW/C 2-71-41	20	1.0	1.0	1.0	.8	.80	12.80

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
65	481152X	087760	COE	00382.92	MALVERN	1	08S NW/C 3-71-41	10	1.0	1.0	1.0	.8	.80	6.40
65	481154L	087750	COE	00383.62	MALVERN	1	30E NW/C 4-71-41	50	1.0	1.0	2.0	.8	.80	64.00
65	481156A	087740	COE	00384.85	MALVERN	0	MAIN ST 1ST AVE	1330	1.0	1.0	1.2	.8	.80	1021.44
65	481157G	113600	COE	00384.95	MALVERN	0	3RD ST & 2ND AVE	250	1.0	1.0	1.2	.8	.80	192.00
65	481158N	113610	COE	00385.03	MALVERN	0	WEST FOURTH ST	280	1.0	1.0	1.2	.8	.85	228.48
65	481159V	113580	COE	00385.05	MALVERN	0	3RD AVE	400	1.0	1.0	1.2	.8	.85	326.40
65	481160F	113620	COE	00385.12	MALVERN	0	WEST FIFTH ST	450	1.0	1.0	1.0	.8	.85	306.00
65	481161W	113640	COE	00385.59	MALVERN	0	WEST ELEVENTH ST	230	1.0	1.0	1.0	.8	.80	147.20
65	481163K	087730	COE	00386.39	MALVERN	1	75E75S NW/C 19-72-41	10	1.0	1.0	1.0	.8	.80	999999.99
65	481165Y	064150	COE	00387.81	MALVERN	1	27E 50S NW/C 18-72-41	15	1.0	1.0	1.2	.8	.80	11.52
65	481170V	087700	COE	00390.25	SILVER CITY	1	75E NW/C 1-72-42	60	1.0	1.0	1.0	.8	.80	38.40
65	481177T	013880	COE	00393.26	SILVER CITY	0	MAIN ST	660	1.0	.6	1.2	.8	.80	304.13
65	481178A	087660	COE	00058.50	SILVER CITY	1	57E NW/C 23-73-42	85	1.0	1.0	1.0	.8	.80	54.40
65	481179G	087650	COE	00395.17	SILVER CITY	1	50E02S NW/C 15-73-42	45	1.0	1.0	1.0	.8	.80	28.80
65	481183W	087640	COE	00396.63	SILVER CITY	1	50E10S NW/C 9-73-42	190	1.0	1.0	2.0	.8	.80	243.20
65	481184D	087630	COE	00397.14	SILVER CITY	1	06S NW/C 9-73-42	76	1.0	1.0	1.0	.8	.80	48.64
65	481185K	130250	COE	00397.42	SILVER CITY	1	FOURTH ST	120	1.0	1.0	1.0	.8	.80	999999.99
65	481188F	087620	COE	00399.12	SILVER CITY	1	65E NW/C 6-73-42	15	1.0	1.0	1.0	.8	.80	9.60
78	481190G	055500	COE	00400.53	COUNCIL BLUFFS	1	80S NW/C 30-74-42	70	1.0	1.0	1.0	.8	.80	44.80
78	481194J	055520	COE	00404.61	COUNCIL BLUFFS	1	25E 25SNW/C 15-74-43	65	1.0	1.0	1.2	.8	.80	49.92
78	481196X	055530	COE	00405.28	COUNCIL BLUFFS	1	25E 50SNW/C 16-74-43	60	1.0	1.0	1.0	.8	.80	38.40
78	481198L	055540	COE	00405.83	COUNCIL BLUFFS	1	75E 50SNW/C 16-74-43	25	1.0	1.0	1.0	.8	.80	16.00
78	481202Y	138290	COE	00407.70	COUNCIL BLUFFS	1	SEC. B-74-43	1500	1.0	1.0	1.0	.8	.80	960.00
78	481207H	062600	COE	00408.47	COUNCIL BLUFFS	0	29TH AVE	184	2.5	1.0	1.2	.7	.80	309.12
78	481209W	128520	COE	00409.20	COUNCIL BLUFFS	0	IA 192 NB	13800	.5	1.0	1.0	.7	.80	999999.99

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
78	481210R	128520	COE	00409.22	COUNCIL BLUFFS	0	IA192 SB	13800	.5	1.0	1.0	.7	.80	3864.00
78	481211X	104330	COE	00409.36	COUNCIL BLUFFS	0	S. SIXTH ST	1220	.5	1.0	1.2	.7	.80	409.92
78	481212E	090390	COE	00409.42	COUNCIL BLUFFS	0	21ST AVE	61	.5	1.0	1.0	.7	.80	17.08
78	481213L	090380	COE	00409.45	COUNCIL BLUFFS	0	SOUTH SEVENTH ST.	1810	.5	.6	1.0	.7	.80	304.08
78	481214T	104310	COE	00409.53	COUNCIL BLUFFS	0	SOUTH EIGHT	647	.5	1.0	1.0	.7	.80	181.16
78	481215A	104320	COE	00409.54	COUNCIL BLUFFS	0	20TH AVE	47	.5	1.0	1.2	.7	.80	15.79
78	481216G	104300	COE	00409.62	COUNCIL BLUFFS	0	SOUTH NINTH ST.	409	.5	1.0	1.2	.7	.80	137.42
78	481217N	104270	COE	00409.67	COUNCIL BLUFFS	0	S. 19TH AVE	174	.5	1.0	1.2	.7	.80	58.46
78	481218V	104290	COE	00409.72	COUNCIL BLUFFS	0	S 10TH ST	409	.5	1.0	1.2	.7	.80	137.42
78	481219C	104280	COE	00409.78	COUNCIL BLUFFS	0	18TH AVE	516	.5	1.0	1.2	.7	.80	173.38
78	481220W	104260	COE	00409.81	COUNCIL BLUFFS	0	S. 11TH ST.	988	.5	1.0	1.0	.7	.80	276.64
78	481221D	104240	COE	00410.11	COUNCIL BLUFFS	0	S. 13TH ST.	1130	.5	1.0	1.2	.7	.80	379.68
78	481223S	104820	COE	00410.12	COUNCIL BLUFFS	0	S. 16TH AVE	1480	.5	1.0	1.2	.7	.80	999999.99
78	481224Y	104230	COE	00410.35	COUNCIL BLUFFS	0	SOUTH 14TH AVE.	170	.5	1.0	1.2	.7	.80	57.12
78	481225F	104230	COE	00440.15	COUNCIL BLUFFS	0	14TH AVE SPUR	170	.5	1.0	1.0	.7	.75	44.63
78	481226M	140190	COE	00410.39	COUNCIL BLUFFS	0	SOUTH 16TH ST	2180	.5	1.0	1.0	.7	.80	610.40
78	481227U	103770	COE	00410.53	COUNCIL BLUFFS	0	SOUTH 17TH ST	715	.5	1.0	1.0	.7	.80	200.20
90	481295V	096420	COE	00277.46	OTTUMWA	0	MARY ST	5320	.5	1.0	1.2	.7	.80	1787.52
90	481300P	119700	COE	00278.25	OTTUMWA	0	S. VINE ST.	6806	.5	1.0	1.0	.7	.85	2024.79
26	483974R	050040	NW	00237.65	MOULTON	1	50E67S NW/C 7-67-15	18	2.0	1.0	1.2	.9	.80	31.10
26	483975X	050050	NW	00237.75	MOULTON	1	60E75S NW/C 7-67-15	25	2.0	1.0	1.2	.9	.80	43.20
04	483977L	017010	NW	00239.73	MOULTON	1	15E25S NW/C 1-67-16	10	2.0	1.0	1.2	.9	.80	17.28
04	483981B	017000	NW	00241.27	MOULTON	1	48E NW/C 35-68-16	16	2.0	1.0	1.0	.9	.80	23.04
04	483983P	016990	NW	00242.04	MOULTON	1	98E50S NW/C 27-68-16	30	2.0	1.0	1.2	.9	.80	51.84
04	483985D	135380	NW	00243.33	MOULTON	0	VINE ST.	219	2.0	1.0	1.2	.8	.85	357.41



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
04	483986K	115720	NW	00243.10	MOULTON	0	WEST ST	219	3.0	1.0	1.2	.7	.75	413.91
04	483987S	016980	NW	00243.57	MOULTON	0	FIRST	250	3.0	1.0	1.0	.8	.85	510.00
04	483988Y	016970	NW	00243.85	MOULTON	0	FIFTH	219	2.0	1.0	1.0	.8	.80	280.32
04	483989F	115730	NW	00243.92	MOULTON	0	SIXTH	219	2.0	1.0	1.0	.8	.80	280.32
04	483990A	115740	NW	00243.99	MOULTON	0	SEVENTH	219	2.0	1.0	1.0	.8	.80	280.32
04	483991G	115750	NW	00244.04	MOULTON	0	EIGHTH	219	2.0	1.0	1.0	.8	.80	280.32
04	483992N	016960	NW	00244.72	MOULTON	1	15E NW/C 15-68-16	80	2.0	1.0	1.2	.8	.80	122.88
04	483993V	016950	NW	00245.00	MOULTON	1	80S NW/C 10-68-16	30	2.0	1.0	1.2	.8	.80	46.08
04	483996R	016940	NW	00245.93	MOULTON	1	50E NW/C 9-68-16	10	2.0	1.0	1.2	.8	.80	15.36
04	483998E	016930	NW	00246.24	MOULTON	1	35E75S NW/C 4-68-16	10	2.0	1.0	1.2	.8	.80	15.36
04	484001T	016920	NW	00246.40	MOULTON	1	25E60S NW/C 4-68-16	10	2.0	1.0	1.2	.8	.80	15.36
04	484002A	016910	NW	00247.02	MOULTON	1	90E NW/C 5-68-16	10	2.0	1.0	1.0	.8	.80	12.80
04	484004N	135370	NW	00247.65	UDELL	1	80E50S NW/C 32-69-16	5	.5	1.0	1.0	.8	.80	1.60
04	484007J	016900	NW	00248.62	UDELL	1	50E66S NW/C 29-69-16	95	2.0	1.0	2.0	.8	.80	243.20
04	484009X	016890	NW	00249.19	UDELL	1	35E NW/C 29-69-16	15	2.0	1.0	1.0	.8	.80	19.20
04	484011Y	016880	NW	00250.30	UDELL	1	91E NW/C 19-69-16	10	2.0	1.0	1.0	.8	.80	12.80
04	484012F	016870	NW	00250.65	UDELL	1	75E70S NW/C 18-69-16	10	2.0	1.0	1.2	.8	.85	16.32
04	484013M	016860	NW	00250.90	UDELL	1	61E50S NW/C 18-69-16	127	2.0	1.0	1.2	.8	.80	195.07
04	484014U	123070	NW	00250.99	UDELL	0	E. MAIN ST.	558	2.0	1.0	1.2	.8	.80	857.09
04	484015B	016850	NW	00251.51	UDELL	1	28E NW/C 18-69-16	27	2.0	1.0	1.2	.8	.80	41.47
04	484016H	016840	NW	00252.13	UDELL	1	75E75S NW/C 12-69-17	27	2.0	1.0	1.0	.8	.80	34.56
04	484017P	016830	NW	00252.48	UDELL	1	47E50S NW/C 12-69-17	30	2.0	1.0	1.2	.8	.80	46.08
04	484018W	016820	NW	00253.16	UDELL	1	10E NW/C 12-69-17	20	2.0	1.0	1.2	.8	.80	30.72
04	484019D	016810	NW	00253.51	UDELL	1	75E75S NW/C 2-69-17	5	2.0	1.0	1.2	.8	.80	7.68
04	484020X	016800	NW	00253.90	UDELL	1	50E50S NW/C 2-69-17	20	2.0	1.0	1.2	.8	.80	30.72

EXPOSURE INDEX LIST BY FRA NUMBER

CITY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
04	484021E	016790	NW	00254.24	UDELL	1	25E25S NW/C 2-69-17	20	2.0	1.0	1.2	.8	.80	30.72
04	484022L	016780	NW	00254.64	UDELL	1	95S NW/C 35-70-17	20	2.0	1.0	1.2	.8	.80	30.72
04	484025G	016770	NW	00255.79	MORAVIA	1	40E NW/C 34-70-17	30	2.0	1.0	1.0	.8	.80	38.40
04	484029J	016760	NW	00256.88	MORAVIA	1	98S NW/C 22-70-17	99	2.0	1.0	1.2	.8	.80	152.06
04	484031K	016750	NW	00257.93	MORAVIA	1	65E NW/C 21-70-17	23	2.0	1.0	1.0	.8	.80	29.44
04	484033Y	016740	NW	00258.36	MORAVIA	1	50E60S NW/C 16-70-17	23	2.0	1.0	2.0	.8	.80	58.88
04	484036U	016730	NW	00259.00	MORAVIA	1	30E NW/C 16-70-17	20	2.0	1.0	1.0	.8	.80	25.60
04	484040J	016330	NW	00260.56	MORAVIA	0	W. NORTH ST.	1690	2.0	1.0	1.0	.7	.80	1892.80
68	484044L	040840	NW	00262.75	MORAVIA	1	10E 25SNW/C 28-71-17	40	2.0	1.0	1.0	.8	.80	51.20
68	484050P	001780	NW	00265.60	MORAVIA	1	75E NW/C 16-71-17	28	2.0	1.0	1.2	.8	.80	43.01
68	484052D	040800	NW	00266.98	ALBIA	1	48S NW/C 11-71-17	148	2.0	1.0	1.0	.8	.80	189.44
68	484053K	040790	NW	00267.50	ALBIA	1	20E NW/C 11-71-17	12	2.0	1.0	1.0	.8	.80	15.36
68	484056F	040780	NW	00268.64	ALBIA	1	80E NW/C 3-71-17	44	2.0	1.0	1.0	.8	.80	56.32
68	484057M	040770	NW	00269.19	ALBIA	1	52E 50SNW/C 34-72-17	8	2.0	1.0	1.0	.8	.80	10.24
68	484060V	040760	NW	00270.08	ALBIA	1	25E 68SNW/C 27-72-17	80	2.0	1.0	1.2	.8	.80	122.88
68	484061C	135360	NW	00270.08	ALBIA	1	JUNK YARD ENTRANCE	60	2.0	1.0	1.0	.8	.80	76.80
68	484062J	015780	NW	00270.60	ALBIA	1	17E 35SNW/C 27-72-17	90	2.0	1.0	1.0	.8	.80	115.20
68	484063R	097510	NW	00270.74	ALBIA	0	13TH AVE	3640	2.0	.6	1.0	.8	.80	2795.52
68	484064X	097520	NW	00270.76	ALBIA	0	MAIN ST. N OF US 34	372	1.0	1.0	1.2	.8	.80	999999.99
68	484067T	011630	NW	00271.75	ALBIA	0	BENTON AVE EAST	402	2.0	.6	1.0	.7	.80	270.14
68	484068A	097400	NW	00271.82	ALBIA	0	A AVE EAST	384	2.0	1.0	1.0	.7	.80	430.08
68	484070B	097440	NW	00272.15	ALBIA	0	NORTH 5TH ST	384	2.0	1.0	1.0	.7	.80	430.08
68	484071H	097460	NW	00272.27	ALBIA	0	NORTH 3RD ST	384	2.0	1.0	1.0	.7	.80	430.08
68	484073W	040600	NW	00276.41	ALBIA	1	70E NW/C 6-72-17	60	3.0	1.0	1.2	.7	.75	113.40
63	484074D	000590	NW	00283.76	HAMILTON	0	CO RD E OF MARION ST	234	2.0	.8	1.0	.8	.80	239.62

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CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
63	484075K	126580	NW	00284.01	HAMILTON	0	DEPOT ST.	219	2.0	1.0	1.0	.8	.85	297.84
63	484076S	111190	NW	00284.26	HAMILTON	0	LOCAL RD. E.	113	2.0	1.0	1.0	.8	.80	144.64
63	484078F	049490	NW	00284.84	HAMILTON	1	60E50S NW/C 26-74-18	55	2.0	1.0	1.0	.8	.80	70.40
63	484079M	049480	NW	00285.93	BUSSEY	1	30E50S NW/C 24-74-18	15	2.0	1.0	1.0	.8	.80	19.20
63	484080G	100040	NW	00286.32	BUSSEY	0	SEVENTH	210	2.0	1.0	1.0	.8	.80	268.80
63	484081N	100030	NW	00286.38	BUSSEY	0	SIXTH	392	2.0	1.0	1.0	.8	.85	533.12
63	484082V	100020	NW	00286.45	BUSSEY	0	FIFTH	933	2.0	1.0	1.0	.8	.85	1268.88
63	484083C	049470	NW	00286.52	BUSSEY	0	FOURTH	219	2.0	1.0	1.0	.8	.85	297.84
63	484084J	100010	NW	00286.59	BUSSEY	0	THIRD	219	2.0	1.0	1.0	.8	.85	297.84
63	484085R	100000	NW	00286.65	BUSSEY	0	SECOND	392	2.0	1.0	1.0	.8	.85	533.12
63	484088L	049450	NW	00289.08	BUSSEY	1	25E50S NW/C 1-74-18	50	2.0	1.0	1.0	.8	.80	64.00
63	484091U	022720	NW	00291.25	HARVEY	1	65E50S NW/C 25-75-18	130	2.0	1.0	1.0	.8	.80	166.40
63	484092B	049440	NW	00291.53	HARVEY	1	65E30S NW/C 25-75-18	70	2.0	.8	1.0	.8	.80	71.68
63	484093H	049430	NW	00292.29	HARVEY	1	50E50S NW/C 24-75-18	20	2.0	1.0	1.0	.8	.85	27.20
63	484096D	136910	NW	00293.66	HARVEY	1	50E60S NW/C 14-75-18	20	2.0	1.0	1.2	.8	.80	30.72
63	484098S	049260	NW	00318.85	SWAN	1	27E NW/C 29-77-21	29	2.0	1.0	1.0	.8	.80	37.12
77	484106G	134640	NW	00324.36	RUNNELLS	1	50E80S NW/C 35-78-22	190	2.0	1.0	1.0	.8	.85	999999.99
77	484107N	134650	NW	00324.55	RUNNELLS	0	OLD VANDALIA RD	94	2.0	1.0	1.2	.8	.85	153.41
77	484108V	047620	NW	00325.50	RUNNELLS	1	34E 65S NW/C34-78-22	55	2.0	1.0	1.0	.8	.80	70.40
77	484115F	042610	NW	00328.04	RUNNELLS	1	22E 58S NW/C29-78-22	110	2.0	1.0	1.0	.8	.80	140.80
77	484116M	096510	NW	00329.27	RUNNELLS	1	SE 80TH ST	34	2.0	1.0	1.0	.8	.80	43.52
77	484121J	047590	NW	00333.07	PLEASANT HILL	1	15E25S NW/C 15-78-23	1330	2.0	.6	1.2	.8	.80	1225.73
77	484125L	047580	NW	00334.27	PLEASANT HILL	0	PLEASANT HILL RD	2150	2.5	.6	1.0	.8	.80	2064.00
77	484126T	135690	NW	00334.51	PLEASANT HILL	0	VANDALIA RD	3682	.5	1.0	1.0	.7	.75	966.53
77	484131P	091700	NW	00336.37	DES MOINES	0	30TH ST	7440	2.5	.6	1.0	.8	.80	7142.40



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77	484132W	106610	NW	00336.63	DES MOINES	0	SE 28TH ST	2100	2.5	1.0	1.0	.8	.80	3360.00
77	484133D	106600	NW	00336.69	DES MOINES	0	SE 27 COURT	516	2.5	1.0	1.0	.8	.80	825.60
77	484134K	106590	NW	00336.80	DES MOINES	0	SE 26 COURT	585	2.5	1.0	1.0	.8	.80	936.00
77	484135S	106580	NW	00336.96	DES MOINES	0	SE 25 COURT	516	2.5	1.0	1.0	.8	.80	825.60
77	484136Y	106570	NW	00337.11	DES MOINES	0	SCOTT	255	2.5	1.0	2.0	.8	.85	867.00
77	484142C	091540	NW	00334.60	DES MOINES	0	S.E 43RD ST	5560	1.0	1.0	1.2	.7	.75	3502.80
68	484143J	097490	NW	00271.39	ALBIA	0	4TH AVE EAST	400	2.0	1.0	1.2	.7	.80	537.60
68	484144R	097500	NW	00271.41	ALBIA	0	6TH ST SOUTH	384	2.0	1.0	1.2	.7	.80	516.10
68	484145X	097480	NW	00271.50	ALBIA	0	3RD AVE EAST	384	2.0	1.0	1.0	.7	.80	430.08
78	598828F	126690	IAIS	00006.45	HANCOCK	0	DELTA ST	487	.5	1.0	1.0	.7	.85	144.88
78	598830G	056000	IAIS	00006.50	HANCOCK	0	KIMBALL ST	450	.5	1.0	1.0	.7	.85	133.88
35	599252H	043860	CNW	00113.10	DOWS	0	ELLSWORTH ST	1600	2.0	1.0	1.0	.8	.85	2176.00
99	599253P	107740	CNW	NONE	DOWS	0	E. FOREST AVE	200	2.0	1.0	1.0	.8	.85	272.00
99	599285V	044250	CNW	00129.15	BELMOND	1	30E NW/C 19-93-23	450	2.0	1.0	1.2	.7	.80	604.80
99	599287J	044260	CNW	00130.20	BELMOND	1	95E NW/C 13-93-24	25	2.0	1.0	1.0	.7	.80	28.00
99	599289X	044270	CNW	00131.70	GOODELL	1	05E50S NW/C 6-93-23	48	2.0	1.0	1.0	.7	.80	53.76
99	599290S	138330	CNW	00132.35	GOODELL	1	E-W GRAVEL	10	2.0	1.0	1.0	.7	.80	11.20
41	599291Y	069960	CNW	00133.35	GOODELL	0	WILLOW AVE.	430	1.0	1.0	1.0	.7	.85	255.85
41	599292F	110690	CNW	00133.50	GOODELL	0	BROADWAY	342	1.0	1.0	1.0	.7	.85	203.49
41	599294U	069950	CNW	00134.90	GOODELL	1	25E50S NW/C 19-94-23	40	2.0	1.0	1.0	.7	.80	44.80
41	599296H	069940	CNW	00136.35	KLEMME	1	25E NW/C 18-94-23	5	2.0	1.0	1.0	.7	.80	5.60
41	599298W	069930	CNW	00137.40	KLEMME	1	45E NW/C 7-94-23	34	2.0	1.0	1.0	.7	.80	38.08
41	599300V	013080	CNW	00139.25	KLEMME	0	MAIN ST.	1190	1.0	1.0	1.0	.7	.85	708.05
41	599301C	069920	CNW	00139.45	KLEMME	0	JERUSALEM ST.	835	1.0	1.0	1.0	.7	.85	496.83
41	599308A	069910	CNW	00141.45	KLEMME	1	80E NW/C 19-95-23	5	2.0	1.0	1.0	.7	.80	5.60

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
41	599310B	069900	CNW	00142.45	GARNER	1	75E NW/C 18-95-23	80	2.0	1.0	1.0	.7	.80	89.60
41	599313W	069890	CNW	00143.45	GARNER	1	75E NW/C 7-95-23	33	2.0	1.0	1.0	.7	.80	36.96
41	599314D	069880	CNW	00144.25	GARNER	1	80E50S NW/C 6-95-23	140	2.0	1.0	1.0	.7	.80	156.80
41	599316S	069710	CNW	00145.05	GARNER	0	E. LYON ST.	980	2.0	1.0	1.0	.7	.80	1097.60
41	599318F	134460	CNW	00145.55	GARNER	0	EIGHTH ST.	113	1.0	1.0	1.0	.7	.80	63.28
41	599319M	110540	CNW	00145.60	GARNER	0	SEVENTH ST	219	2.0	1.0	1.0	.7	.80	245.28
41	599320G	110550	CNW	00145.75	GARNER	0	FIFTH ST.	487	2.0	1.0	1.0	.7	.85	579.53
41	599321N	009420	CNW	00145.90	GARNER	0	SECOND ST	470	2.0	1.0	1.0	.7	.80	526.40
41	599322V	032360	CNW	00145.98	GARNER	0	US 18	3960	1.0	.6	1.0	.7	.80	1330.56
41	599323C	069720	CNW	00146.50	GARNER	1	90E NW/C 30-96-23	760	2.0	.6	1.0	.7	.80	510.72
41	599327E	069620	CNW	00148.60	GARNER	1	75E NW/C 18-96-23	130	.5	1.0	1.0	.7	.80	36.40
41	599330M	069610	CNW	00149.60	GARNER	1	90E NW/C 7-96-23	25	.5	1.0	1.0	.7	.80	7.00
41	599335W	069600	CNW	00151.65	GARNER	1	60E NW/C 31-97-23	380	.5	1.0	1.0	.7	.85	113.05
41	599338S	069590	CNW	00153.80	FOREST CITY	1	80E NW/C 24-97-24	85	.5	1.0	1.0	.7	.80	23.80
41	599340T	069580	CNW	00154.50	FOREST CITY	1	50E40S NW/C 13-97-24	35	.5	1.0	2.0	.7	.80	19.60
41	599341A	069570	CNW	00154.95	FOREST CITY	1	30E NW/C 13-97-24	25	.5	1.0	1.0	.7	.80	7.00
41	599342G	069560	CNW	00155.45	FOREST CITY	1	15E50S NW/C 12-97-24	30	.5	1.0	1.0	.7	.80	8.40
41	599343N	004440	CNW	00155.95	FOREST CITY	1	05S NW/C 12-97-24	2370	.5	.6	2.0	.7	.80	796.32
41	599344V	135760	CNW	00156.00	FOREST CITY	1	95E NW/C 11-97-24	5	.5	1.0	1.0	.7	.80	999999.99
41	599346J	000390	CNW	00156.56	FOREST CITY	0	CO 8-14	3260	.5	1.0	1.0	.7	.80	912.80
95	599348X	109720	CNW	00157.43	FOREST CITY	0	W. I ST.	910	.5	1.0	1.0	.7	.85	270.73
95	599349E	109730	CNW	00157.58	FOREST CITY	0	W. J ST.	1544	.5	1.0	1.0	.7	.85	459.34
95	599350Y	109740	CNW	00157.58	FOREST CITY	0	W. K ST.	384	.5	1.0	1.0	.7	.80	107.52
95	599351F	109750	CNW	00157.65	FOREST CITY	0	W. L ST.	384	.5	1.0	1.0	.7	.80	107.52
95	599352M	135050	CNW	00157.70	FOREST CITY	0	HALE LANE	70	.5	1.0	1.0	.7	.80	19.60

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
95	599353U	135060	CNW	NONE	FOREST CITY	0	W. M ST.	384	.5	1.0	1.0	.7	.80	107.52
95	599354B	096660	CNW	00158.00	FOREST CITY	1	15E NW/C 35-98-24	1024	.5	1.0	1.0	.7	.80	286.72
99	599440X	043870	CNW	00114.95	DOWS	1	50E40S NW/C 26-91-23	41	2.0	1.0	1.0	.8	.80	52.48
99	599442L	000940	CNW	00116.47	DOWS	1	10S NW/C 27-91-23	230	2.0	1.0	1.0	.8	.80	294.40
99	599445G	043880	CNW	00117.60	GALT	1	70S NW/C 21-91-23	55	2.0	1.0	1.0	.8	.80	70.40
99	599446N	043890	CNW	00119.15	GALT	0	MOUND ST.	219	1.0	1.0	1.0	.8	.85	148.92
99	599447V	090670	CNW	00119.30	GALT	0	WALNUT ST.	160	1.0	1.0	1.0	.8	.85	108.80
99	599448C	043900	CNW	00119.70	GALT	0	4TH ST.	113	1.0	1.0	1.2	.8	.80	86.78
99	599449J	043910	CNW	00120.52	GALT	1	50E NW/C 13-91-24	26	2.0	1.0	1.2	.8	.80	39.94
99	599450D	008810	CNW	00121.22	GALT	1	64S NW/C 12-91-24	1310	1.0	.6	1.0	.8	.80	503.04
99	599451K	043920	CNW	00122.37	GALT	1	NW/C 11-91-24	27	2.0	1.0	1.0	.8	.80	34.56
99	599452S	043930	CNW	00123.50	CLARION	1	50S NW/C 3-91-24	80	2.0	1.0	1.0	.8	.80	102.40
99	599454F	043940	CNW	00124.60	CLARION	1	20S NW/C 4-91-24	50	2.0	1.0	1.0	.8	.80	64.00
99	599456U	096690	CNW	00125.57	CLARION	1	15S NW/C 5-91-24	80	1.0	1.0	1.0	.8	.80	51.20
99	599458H	102530	CNW	00126.37	CLARION	0	2ND ST SE	200	1.0	1.0	1.0	.8	.85	136.00
99	599459P	102520	CNW	00126.42	CLARION	0	1ST ST. S.E.	240	1.0	1.0	1.0	.8	.85	163.20
99	599460J	102510	CNW	00126.49	CLARION	0	MAIN ST. SOUTH	2750	1.0	.6	1.0	.8	.85	1122.00
99	599461R	102500	CNW	00126.60	CLARION	0	2ND ST. SW	2710	1.0	1.0	1.0	.8	.85	1842.80
61	599462X	036720	IAIS	00000.60	EARLHAM	1	30E50S NW/C 9-77-28	50	2.0	1.0	1.0	.7	.80	56.00
61	599464L	036730	IAIS	00001.60	EARLHAM	1	45E50S NW/C 16-77-28	15	2.0	1.0	1.0	.7	.80	16.80
91	602468V	042990	CNW	00064.70	CARLISLE	0	SCHOOL STREET	384	13.0	.6	1.0	.9	.85	2291.33
91	602469C	043000	CNW	00065.10	CARLISLE	0	PARK STREET	384	3.0	1.0	1.0	.9	.80	829.44
77	602471D	047760	CNW	00066.35	CARLISLE	1	45E33S NW/C 34-78-23	130	12.0	1.0	1.2	.9	.80	1347.84
77	602472K	047750	CNW	00066.80	CARLISLE	1	13E NW/C 34-78-23	130	13.0	.6	1.2	.9	.85	930.85
77	602473S	047740	CNW	00067.00	CARLISLE	1	86S NW/C 27-78-23	60	12.0	1.0	1.2	.9	.85	660.96



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CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
77	602474Y	047730	CNW	00067.70	CARLISLE	1	51E36S NW/C 28-78-23	110	12.0	1.0	1.0	.9	.80	950.40
77	602476M	047720	CNW	NONE	DES MOINES	1	25E75S NW/C 20-78-23	220	3.0	.6	1.2	.9	.80	342.14
77	602482R	106640	CNW	00073.10	DES MOINES	0	MAURY STREET	5020	13.0	.6	1.0	.8	.80	25059.84
77	602483X	106480	CNW	00073.30	DES MOINES	0	SCOTT AVE	7233	12.0	1.0	1.0	.7	.80	48605.76
77	602484E	106550	CNW	00073.47	DES MOINES	0	MARKET STREET	1880	12.0	1.0	1.0	.7	.80	12633.60
77	602486T	136660	CNW	00073.50	DES MOINES	0	MARKET STREET	5100	.5	1.0	1.2	.7	.75	999999.99
91	602487A	015100	CNW	00000.30	CARLISLE	0	72E09S NW/C 10-77-23	4090	.5	.6	1.0	.7	.80	687.12
91	602490H	042980	CNW	00001.20	CARLISLE	1	50E80S NW/C 10-77-23	60	.5	1.0	1.2	.7	.80	20.16
91	602494K	042970	CNW	00002.70	CARLISLE	1	75E25S NW/C 21-77-23	45	.5	1.0	1.0	.7	.80	12.60
91	602497F	042960	CNW	00004.15	CARLISLE	1	60E NW/C 29-77-23	51	.5	1.0	1.2	.7	.80	17.14
91	602499U	042950	CNW	00005.10	CARLISLE	1	77E57S NW/C 30-77-23	1	.5	1.0	1.0	.7	.80	999999.99
91	602500L	043180	CNW	00005.80	CARLISLE	1	70E40S NW/C 31-77-23	400	.5	1.0	2.0	.7	.80	224.00
91	602501T	043170	CNW	00006.10	INDIANOLA	1	75E50S NW/C 31-77-23	16	.5	1.0	1.0	.7	.80	4.48
91	602504N	043200	CNW	00009.90	INDIANOLA	0	HILLCREST AVE.	490	.5	1.0	1.0	.7	.80	137.20
91	602505V	096830	CNW	00010.06	INDIANOLA	0	E. IOWA AVE.	1500	.5	1.0	1.2	.7	.80	504.00
91	602507J	111320	CNW	00011.00	INDIANOLA	0	N. 6TH ST.	625	.5	1.0	1.0	.7	.85	185.94
91	602512F	133180	CNW	00011.05	INDIANOLA	0	EUCLID AVE	1110	.5	1.0	1.0	.7	.75	291.38
77	602514U	139590	CNW	00357.02	DES MOINES	0	SE 7TH ST. & MARKET	4100	.5	.6	1.0	.7	.75	999999.99
77	602515B	139360	CNW	00357.09	DES MOINES	0	SE 6TH ST.	7839	.5	1.0	1.0	.7	.75	2057.74
05	603075R	065550	IAIS	00457.50	EXIRA	1	90E NW/C 34-79-35	49	.5	1.0	1.0	.7	.80	13.72
05	603077E	065540	IAIS	00456.45	EXIRA	1	05E05SNW/C 4-78-35	26	.5	1.0	1.0	.7	.80	7.28
05	603078L	008970	IAIS	00455.85	EXIRA	0	US-71	2180	.5	.6	2.0	.7	.80	732.48
05	603079T	065530	IAIS	00455.65	EXIRA	0	WASHINGTON ST.	2040	.5	1.0	1.0	.7	.80	571.20
05	603086D	065510	IAIS	00451.00	BRAYTON	0	F-65	400	.5	1.0	1.0	.7	.80	112.00
05	603092G	065490	IAIS	00449.70	BRAYTON	1	10E50S NW/C 36-78-36	29	.5	1.0	1.0	.7	.80	8.12

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CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
15	603098X	012140	IAIS	00448.25	BRAYTON	1	955 NW/C 1-77-36	3070	.5	.6	2.0	.7	.80	1031.52
15	603099E	021480	IAIS	00447.75	BRAYTON	1	90E25S NW/C 11-77-36	110	.5	1.0	1.0	.7	.80	30.80
15	603100W	023960	IAIS	00446.40	BRAYTON	1	75E25S NW/C 14-77-36	10	.5	1.0	1.0	.7	.80	2.80
15	603101D	021470	IAIS	00446.50	ATLANTIC	1	62E43S NW/C 14-77-36	75	.5	1.0	1.0	.7	.80	21.00
15	603106M	006130	IAIS	00444.50	ATLANTIC	1	25E80S NW/C 22-77-36	65	.5	1.0	1.2	.7	.80	21.84
15	603107U	021460	IAIS	00443.75	ATLANTIC	1	50E26S NW/C 28-77-36	25	.5	1.0	1.2	.7	.80	8.40
15	6031088	021450	IAIS	00443.10	ATLANTIC	1	60S NW/C 28-77-36	730	.5	1.0	1.2	.7	.80	245.28
15	603109H	021440	IAIS	00442.75	ATLANTIC	1	75E75S NW/C 29-77-36	65	.5	1.0	1.2	.7	.80	21.84
15	603112R	021430	IAIS	00441.65	ATLANTIC	1	25S NW/C 32-77-36	140	.5	1.0	1.2	.7	.80	47.04
78	603130N	039900	IAIS	00450.55	ATLANTIC	1	30S NW/C 3-76-38	300	6.0	.6	1.0	.9	.80	777.60
78	603136E	039910	IAIS	00448.52	ATLANTIC	1	30S NW/C 1-76-38	45	6.0	1.0	1.0	.9	.80	194.40
15	603139A	039920	IAIS	00445.55	ATLANTIC	1	60S NW/C 4-76-37	10	6.0	1.0	1.0	.9	.80	43.20
15	603143P	039940	IAIS	00442.40	ATLANTIC	1	20E50S NW/C 1-76-37	55	6.0	.6	1.2	.9	.80	171.07
78	603146K	104060	IAIS	00499.76	COUNCIL BLUFFS	0	S0 8TH ST	468	5.0	.1	1.0	.7	.85	139.23
78	603147S	104040	IAIS	00499.75	COUNCIL BLUFFS	0	S0 7TH ST	576	5.0	.6	1.2	.7	.85	1233.79
78	603149F	104050	IAIS	00494.68	COUNCIL BLUFFS	0	S0 6TH ST	970	5.0	.6	1.2	.7	1.00	2444.40
78	603150A	131480	IAIS	00480.80	COUNCIL BLUFFS	0	S0.MAIN-16TH AVE	176	6.0	1.0	1.2	.9	1.00	1140.48
15	603155J	098240	IAIS	00440.12	ATLANTIC	0	BUCK CREEK RD.	244	6.0	1.0	1.0	.9	.85	1119.96
15	603156R	012460	IAIS	00440.11	ATLANTIC	0	SECOND ST	3070	.5	1.0	1.0	.7	.75	805.88
15	603157X	090850	IAIS	00440.00	ATLANTIC	0	LOCUST ST	510	6.0	.1	1.0	.9	.85	234.09
05	603159L	098310	IAIS	00465.00	AUDUBON	0	W. BROADWAY	530	.5	1.0	1.0	.7	.85	157.68
05	603161M	098320	IAIS	00464.95	AUDUBON	0	SOUTH ST	1280	.5	1.0	1.0	.7	.85	380.80
05	603162U	005710	IAIS	00464.75	AUDUBON	0	S. MARKET ST.	3530	.5	1.0	2.0	.7	.80	1976.80
05	603167D	065590	IAIS	00463.35	AUDUBON	1	2E50S NW/C 34-80-35	60	.5	1.0	1.0	.7	.80	16.80
05	603168K	065580	IAIS	00462.50	AUDUBON	1	10E NW/C 3-79-35	19	.5	1.0	1.0	.7	.80	5.32

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05	603170L	013360	IAIS	00461.35	AUDUBON	1	65E45S NW/C 10-79-35	2690	.5	1.0	2.0	.7	.80	1506.40
05	603171T	005700	IAIS	00461.15	AUDUBON	1	65E50S NW/C 10-79-35	470	.5	1.0	1.0	.7	.80	131.60
05	603173G	065570	IAIS	00459.70	AUDUBON	1	60E NW/C 22-79-35	44	.5	1.0	1.0	.7	.80	12.32
05	603174N	065560	IAIS	00458.51	AUDUBON	1	60E NW/C 27-79-35	40	.5	1.0	1.0	.7	.80	11.20
78	603175V	025190	IAIS	00472.25	MC CLELLAND	1	50E 50SNW/C 24-76-42	88	6.0	1.0	1.0	.9	.80	380.16
78	603182F	039870	IAIS	00469.85	MC CLELLAND	1	20S NW/C 21-76-41	10	6.0	1.0	1.0	.9	.80	43.20
78	603191E	039860	IAIS	00466.77	HANCOCK	1	99S NW/C 13-76-41	10	6.0	1.0	1.0	.9	.80	43.20
78	603193T	038410	IAIS	00465.77	HANCOCK	1	NW/C 19-76-40	20	6.0	1.0	1.0	.9	.80	86.40
78	603195G	038400	IAIS	00464.87	HANCOCK	1	15S NW/C 20-76-40	10	6.0	1.0	1.0	.9	.80	43.20
78	603200B	038390	IAIS	00463.87	HANCOCK	1	30S NW/C 21-76-40	152	6.0	.6	1.0	.9	.80	409.54
78	603212V	039880	IAIS	00458.30	HANCOCK	1	50E 30SNW/C 17-76-39	15	6.0	1.0	1.0	.9	.80	64.80
78	603215R	025180	IAIS	00457.10	HANCOCK	1	55E NW/C 16-76-39	373	6.0	.6	1.2	.9	.80	1160.18
78	603216X	039890	IAIS	00456.75	HANCOCK	1	90S NW/C 10-76-39	5	6.0	1.0	1.0	.9	.85	22.95
78	603218L	045160	IAIS	00455.67	HANCOCK	1	60S NW/C 11-76-39	25	6.0	1.0	1.0	.9	.85	114.75
78	603220M	025200	IAIS	00454.62	HANCOCK	1	19S NW/C 12-76-39	35	6.0	.6	1.0	.9	.85	96.39
78	603224P	038380	IAIS	00454.00	HANCOCK	1	50E NW/C 12-76-39	42	6.0	.6	1.2	.9	.80	130.64
15	603228S	021570	IAIS	00429.55	ANITA	1	83S NW/C 36-77-35	45	6.0	1.0	1.0	.9	.80	194.40
15	603229Y	021560	IAIS	00430.65	ANITA	1	25S NW/C 2-76-35	55	6.0	1.0	1.0	.9	.80	237.60
15	603231A	021550	IAIS	00432.67	WIOTA	1	70S NW/C 3-76-35	502	6.0	.6	1.0	.9	.80	1301.18
15	603232G	021540	IAIS	00432.45	WIOTA	0	EAST ST	170	6.0	1.0	1.0	.9	.80	734.40
15	603233N	021530	IAIS	00432.62	WIOTA	0	CENTER ST & ALLEN ST	170	6.0	1.0	1.0	.9	.85	780.30
15	603236J	021520	IAIS	00434.25	WIOTA	1	75E80S NW/C 7-76-35	80	6.0	1.0	1.0	.9	.80	345.60
15	603240Y	021500	IAIS	00436.60	ATLANTIC	1	45E25S NW/C 11-76-36	90	6.0	1.0	1.0	.9	.80	388.80
15	603242M	021490	IAIS	00437.90	ATLANTIC	1	50E90S NW/C 3-76-36	40	6.0	1.0	1.0	.9	.85	183.60
15	603245H	098220	IAIS	00439.40	ATLANTIC	0	OLIVE ST	1280	6.0	.6	1.0	.9	.80	3317.76



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
15	603246P	098230	IAIS	00439.70	ATLANTIC	0	LINN ST.	1065	6.0	1.0	1.0	.9	.85	4888.35
78	603251L	042740	IAIS	00484.00	COUNCIL BLUFFS	1	58E 65SNW/C 28-75-43	1300	6.0	1.0	1.0	.9	.80	5616.00
78	603256V	055780	IAIS	00481.52	MC CLELLAND	1	30E 85SNW/C 14-75-43	33	6.0	1.0	1.2	.9	.80	171.07
78	603265U	055800	IAIS	00477.47	MC CLELLAND	1	76E NW/C 8-75-42	5	6.0	1.0	1.0	.9	.80	21.60
78	603266B	055810	IAIS	00476.62	MC CLELLAND	0	3RD ST	234	6.0	.1	1.0	.9	.85	107.41
78	603267H	055820	IAIS	00476.22	MC CLELLAND	1	50E 90SNW/C 33-76-42	340	6.0	.6	1.2	.9	.85	1123.63
78	603270R	055830	IAIS	00474.30	MC CLELLAND	1	65E 50SNW/C 27-76-42	80	6.0	1.0	1.2	.9	.85	440.64
01	603276G	031130	IAIS	00399.04	STUART	1	25E NW/C 05-77-30	30	6.0	1.0	1.2	.9	.80	155.52
39	603277N	138360	IAIS	00399.50	STUART	1	75S NW/C 32-78-30	10	6.0	1.0	1.0	.9	.80	43.20
39	603280W	031120	IAIS	00401.70	MENLO	1	76S NW/C 25-78-31	110	6.0	1.0	1.0	.9	.85	504.90
39	603282K	114940	IAIS	00402.17	MENLO	0	MCPHERSON ST	219	6.0	1.0	1.2	.9	.85	1206.25
39	603283S	031110	IAIS	00402.27	MENLO	0	SHERMAN ST	1106	6.0	.6	1.0	.9	.85	3045.92
39	603284Y	114950	IAIS	00402.50	MENLO	0	SHERIDAN ST	487	6.0	1.0	1.0	.9	.85	2235.33
39	603285F	004820	IAIS	00403.70	MENLO	1	56S NW/C 27-78-31	80	6.0	1.0	1.0	.9	.85	367.20
39	603287U	000540	IAIS	00405.95	MENLO	1	38S NW/C 29-78-31	30	6.0	1.0	1.0	.9	.80	129.60
39	603291J	095450	IAIS	00410.15	CASEY	0	MCPHERSON	940	6.0	.1	1.0	.9	.85	431.46
39	603292R	101200	IAIS	00410.30	CASEY	0	BAKER ST	113	6.0	1.0	1.0	.9	.85	518.67
39	603295L	031080	IAIS	00411.75	CASEY	1	30S NW/C 33-78-32	29	6.0	1.0	1.0	.9	.80	125.28
39	603297A	031070	IAIS	00412.25	CASEY	1	NW/C 32-78-32	55	6.0	1.0	1.0	.9	.80	237.60
39	603300F	136020	IAIS	00413.95	ADAIR	1	90S NW/C 31-78-32	30	6.0	1.0	1.2	.9	.80	155.52
39	603302U	002060	IAIS	00415.10	ADAIR	1	95E85S NW/C 35-78-33	15	6.0	.6	1.0	.9	.80	38.88
01	603312A	001420	IAIS	00418.35	ADAIR	1	31S NW/C 9-77-33	72	6.0	1.0	1.2	.9	.80	373.25
01	603313G	140270	IAIS	00419.45	ADAIR	1	50E25SNW/C18-77-33	55	6.0	1.0	1.2	.9	.80	285.12
15	603315V	021630	IAIS	00420.97	ANITA	1	95S NW/C 13-77-34	55	6.0	1.0	1.0	.9	.80	237.60
15	603320S	021620	IAIS	00424.20	ANITA	0	CHESTNUT ST	1450	6.0	.1	1.0	.9	.85	665.55

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
15	603321Y	097990	IAIS	00425.80	ANITA	0	LINN ST	342	6.0	1.0	1.0	.9	.85	1569.78
15	603322F	136100	IAIS	00426.37	ANITA	1	98E55S NW/C 29-77-34	20	6.0	1.0	1.0	.9	.80	86.40
15	603323M	021590	IAIS	00426.87	ANITA	1	50E80S NW/C 29-77-34	50	6.0	1.0	1.0	.9	.80	216.00
15	603325B	021580	IAIS	00427.92	ANITA	1	50E15S NW/C 31-77-34	45	6.0	1.0	1.0	.9	.80	194.40
25	603326H	096930	IAIS	00371.50	VAN METER	1	25E25S NW/C 26-78-26	55	6.0	1.0	1.0	.9	.80	237.60
25	603340D	012350	IAIS	00374.80	VAN METER	1	70S NW/C 29-78-26	510	6.0	.1	1.0	.9	.80	220.32
25	603342S	139160	IAIS	00375.80	VAN METER	1	50E75S NW/C 25-78-27	16	6.0	1.0	1.0	.9	.80	69.12
25	603345M	068410	IAIS	00377.22	VAN METER	0	MILL ST	1250	6.0	.6	1.0	.9	.80	3240.00
25	603347B	068420	IAIS	00378.70	VAN METER	1	70E60S NW/C 21-78-27	166	6.0	1.0	1.2	.9	.80	860.54
25	603351R	068430	IAIS	00379.72	DE SOTO	0	POLK ST	90	6.0	1.0	1.2	.9	.85	495.72
61	603356A	036740	IAIS	00383.60	EARLHAM	1	50S NW/C 2-77-28	51	6.0	1.0	1.0	.9	.80	220.32
61	603357G	002320	IAIS	00385.25	EARLHAM	1	50E85S NW/C 4-77-28	131	6.0	.6	1.0	.9	.85	360.77
61	603358N	036710	IAIS	00386.80	EARLHAM	1	95E99S NW/C 6-77-28	60	6.0	1.0	1.0	.9	.80	259.20
61	603359V	036320	IAIS	00387.32	EARLHAM	0	SYCAMORE ST	342	6.0	1.0	1.0	.9	.85	1569.78
61	603360P	108540	IAIS	00387.37	EARLHAM	0	CHESTNUT ST	450	6.0	.1	1.0	.9	.85	206.55
61	603361W	036700	IAIS	00387.27	EARLHAM	0	WALNUT ST	660	6.0	.1	1.0	.9	.85	302.94
61	603364S	002330	IAIS	00389.30	EARLHAM	1	65E50S NW/C 2-77-29	510	6.0	.6	1.2	.9	.80	1586.30
25	603368U	000600	IAIS	00392.00	DEXTER	1	60S NW/C 33-78-29	233	6.0	1.0	1.0	.9	.80	1006.56
61	603369B	036690	IAIS	00391.37	DEXTER	1	98E2S NW/C 4-77-29	30	6.0	1.0	1.0	.9	.80	129.60
25	603371C	068450	IAIS	00392.32	DEXTER	0	BARTON ST	95	6.0	1.0	1.0	.9	.80	410.40
25	603374X	068440	IAIS	00393.17	DEXTER	0	MARSHALL ST	1030	6.0	.6	1.0	.9	.85	2636.62
25	603375E	068460	IAIS	00393.37	DEXTER	0	MAPLE ST	70	6.0	1.0	1.0	.9	.80	302.40
39	603378A	031140	IAIS	00394.95	DEXTER	1	45S NW/C 36-78-30	45	6.0	1.0	1.0	.9	.80	194.40
01	603379G	000110	IAIS	00395.90	DEXTER	1	60E15S NW/C 2-77-30	40	6.0	1.0	1.0	.9	.80	172.80
01	603380B	015340	IAIS	00396.32	STUART	1	49S NW/C 2-77-30	36	6.0	1.0	1.0	.9	.80	155.52

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01	603381H	015330	IAIS	00397.37	STUART	1	21S NW/C 3-77-30	38	6.0	1.0	1.0	.9	.80	164.16
01	603382P	096900	IAIS	00397.90	STUART	1	50E10S NW/C 4-77-30	10	6.0	1.0	1.0	.9	.85	45.90
01	603383W	122380	IAIS	00398.45	STUART	0	DIVISION ST.	2900	6.0	.6	1.0	.9	.85	7986.60
01	603384D	015320	IAIS	00398.67	STUART	0	WESTERN ST.	203	6.0	1.0	1.0	.9	.85	931.77
01	603385K	122370	IAIS	00398.87	STUART	0	ADAIR ST	85	6.0	1.0	1.0	.9	.80	367.20
77	603638R	135710	CNW	00363.22	WEST DES MOINES	0	S 11TH ST	672	18.0	.6	1.0	.8	1.00	5806.08
77	603644U	046490	IAIS	00366.25	WEST DES MOINES	0	41ST ST.-TO RIVER	50	6.0	.6	1.0	.9	.80	129.60
77	603647P	138390	CNW	00357.07	DES MOINES	0	SE 6TH ST.	3200	18.0	.1	1.0	.7	1.00	4032.00
77	603691C	047560	CNW	00352.50	PLEASANT HILL	0	FAIRVIEW DR.	856	19.0	.1	1.0	1.0	.85	1382.44
77	603692J	107290	CNW	00358.66	DES MOINES	0	SW 16TH ST.	1890	18.0	1.0	1.0	.7	1.00	23814.00
77	603694X	106670	CNW	00353.33	DES MOINES	0	LAUREL HILL ROAD	516	19.0	.6	1.0	.9	.85	4500.04
77	603695E	106660	CNW	00353.75	DES MOINES	0	EAST 36TH ST.	120	19.0	1.0	1.0	.9	.85	1744.20
77	603696L	106650	CNW	00353.95	DES MOINES	0	EAST 34TH ST	577	19.0	.1	1.0	.9	.85	838.67
77	603705H	136690	CNW	00355.27	DES MOINES	0	MARKET ST	2900	.5	1.0	1.2	.7	.75	913.50
77	603706P	106460	CNW	00355.98	DES MOINES	0	SE 18TH ST	3941	18.0	.1	1.0	.7	1.00	4965.66
77	603708D	136700	CNW	00357.02	DES MOINES	0	SE 7TH ST.& VINE	2400	18.0	.1	1.0	.7	1.00	3024.00
77	603710E	136710	CNW	00357.17	DES MOINES	0	SE 5TH ST.	3200	18.0	.6	1.0	.7	1.00	24192.00
77	603711L	136720	CNW	00357.24	DES MOINES	0	SE 4TH ST.	4100	18.0	.1	1.0	.7	1.00	5166.00
77	603712T	136730	CNW	00357.31	DES MOINES	0	SE 3RD ST.	4400	18.0	.6	1.0	.7	1.00	33264.00
77	603713A	136740	CNW	00357.37	DES MOINES	0	SE 2ND ST.	4300	18.0	.6	1.0	.7	1.00	32508.00
77	603714G	139340	CNW	00357.44	DES MOINES	0	SE 1ST ST.	1977	18.0	.6	1.0	.7	1.00	14946.12
77	603716V	139330	CNW	00357.59	DES MOINES	0	SW 1ST ST	5072	18.0	.6	1.0	.7	1.00	38344.32
77	603717C	139570	CNW	00357.64	DES MOINES	0	SW 2ND ST.	3000	18.0	.6	1.0	.7	1.00	22680.00
77	603718J	139550	CNW	00357.71	DES MOINES	0	SW 3RD ST.	2737	18.0	.6	1.0	.7	1.00	20691.72
77	603719R	139530	CNW	00357.77	DES MOINES	0	SW 4TH ST.	4000	18.0	.6	1.0	.7	1.00	30240.00



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77	603720K	107480	CNW	00357.84	DES MOINES	0	SW 5TH AVE	4700	18.0	.6	1.0	.7	1.00	35532.00
77	603721S	136300	CNW	00357.86	DES MOINES	0	ALLEY	50	.5	1.0	1.2	.7	.75	999999.99
77	603722Y	138410	CNW	00357.89	DES MOINES	0	SW 6TH AVE	4200	.5	1.0	1.0	.7	.75	999999.99
77	603724M	138430	CNW	00357.97	DES MOINES	0	SW 7TH ST.	3100	18.0	.6	1.0	.7	1.00	23436.00
77	603726B	107220	CNW	00358.04	DES MOINES	0	SW 8TH ST.	10471	18.0	.6	1.0	.7	1.00	79160.76
77	603728P	136770	CNW	00358.10	DES MOINES	0	SW 9TH ST.	4100	18.0	.6	1.0	.7	1.00	30996.00
77	603730R	107470	CNW	00358.23	DES MOINES	0	SW 11TH ST.	2737	18.0	.1	1.0	.7	1.00	3448.62
77	603733L	106780	CNW	00360.10	DES MOINES	0	EDWARDS AVE	410	18.0	.1	1.0	.8	1.00	590.40
77	603737N	107300	CNW	00362.00	DES MOINES	0	63RD ST	16700	18.0	.1	1.0	.8	1.00	24048.00
82	603892T	090050	IAIS	00183.57	DAVENPORT	0	MARQUETTE ST.& W-5TH	4000	6.5	.6	1.0	.7	1.00	10920.00
82	603893A	105580	IAIS	00183.65	DAVENPORT	0	TAYLOR ST.& W-5TH	1000	6.5	.6	1.0	.7	1.00	2730.00
82	603895N	105630	IAIS	00184.10	DAVENPORT	0	N. DIVISION ST.	11500	6.5	.1	1.0	.7	.85	4447.63
82	603896V	105640	IAIS	00184.15	DAVENPORT	0	W. FOURTH ST.	7370	6.5	.1	1.2	.7	.85	3420.42
82	603897C	105650	IAIS	00184.28	DAVENPORT	0	W. THIRD ST.	5520	6.5	.1	1.0	.7	.85	2134.86
82	603898J	105660	S00	00184.35	DAVENPORT	0	W. SECOND ST.	400	1.0	.1	1.0	.7	1.00	28.00
82	603899R	105670	S00	00184.43	DAVENPORT	0	W. FIRST ST.	521	1.0	.1	1.0	.7	1.00	36.47
82	603900H	090060	S00	00184.50	DAVENPORT	0	ROCKINGHAM ROAD	8210	6.0	.1	1.0	.7	1.00	3448.20
38	604213F	119130	CNW	00059.34	REINBECK	0	BROAD ST.	553	1.0	1.0	1.0	.7	.85	329.04
38	604214M	134800	CNW	00059.57	REINBECK	0	COMMERCIAL ST.	219	1.0	1.0	1.0	.7	.85	130.31
06	604260N	010600	IANR	00038.37	DYSART	1	60S NW/C 18-85-12	2030	1.0	.6	1.0	.7	.80	682.08
86	604261V	108370	IANR	00038.51	DYSART	0	HOLSTED ST.	219	1.0	1.0	1.0	.7	.85	130.31
86	604262C	108380	IANR	00038.77	DYSART	0	MAIN ST.	600	1.0	1.0	1.0	.7	.85	357.00
86	604263J	108390	IANR	00038.94	DYSART	0	STATE ST.	390	1.0	1.0	1.0	.7	.85	232.05
86	604264R	108400	IANR	00039.06	DYSART	0	GRANT ST.	220	1.0	1.0	1.0	.7	.80	123.20
86	604265X	108410	IANR	00039.20	DYSART	0	LIBERTY ST.	180	1.0	1.0	1.0	.7	.80	100.80

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86	604266E	068160	IANR	00039.37	DYSART	1	555 NW/C 13-85-13	200	1.0	1.0	1.0	.7	.80	112.00
82	604341N	105530	IAIS	00183.08	DAVENPORT	0	WESTERN AVE.	8000	6.5	.6	1.0	.7	1.00	21840.00
82	604342V	131680	IAIS	00183.16	DAVENPORT	0	GAINES AND 5TH	5000	6.5	.6	1.0	.7	1.00	13650.00
82	604343C	105540	IAIS	00183.24	DAVENPORT	0	BROWN ST.& 5TH	2000	6.5	.6	1.0	.7	1.00	5460.00
82	604344J	105550	IAIS	00183.31	DAVENPORT	0	WARREN ST.& W.5TH	2500	6.5	.6	1.0	.7	1.00	6825.00
93	604458W	051840	CNW	00004.47	CORYDON	0	LINCOLN	300	12.0	.1	1.0	.9	.80	259.20
93	604459D	091470	CNW	00004.62	CORYDON	0	N. WEST ST.	350	12.0	1.0	1.0	.9	.80	3024.00
93	604460X	091480	CNW	00004.75	CORYDON	0	DE KALB	421	12.0	1.0	1.0	.9	.80	3637.44
59	604482X	035730	CNW	00015.67	CHARITON	1	68E NW/C 32-71-21	5	4.0	1.0	1.0	.9	.80	14.40
59	604483E	035720	CNW	00016.88	CHARITON	1	25E92S NW/C 21-71-21	60	12.0	1.0	1.0	.9	.80	518.40
59	604489V	035700	CNW	00020.25	CHARITON	1	72E NW/C 8-71-21	50	12.0	1.0	1.2	.9	.80	518.40
59	604502G	035610	CNW	00029.75	WILLIAMSON	0	SOUTH AVE.	213	12.0	.1	1.0	.9	.85	195.53
04	604545A	101640	APNC	00334.72	CENTERVILLE	0	21ST ST	450	.5	1.0	1.0	.7	.80	126.00
04	604546G	011910	APNC	00334.72	CENTERVILLE	0	18TH & COTTAGE	5770	.5	1.0	2.0	.7	.85	3433.15
04	604547N	095230	APNC	00334.72	CENTERVILLE	1	EAST GREEN	400	.5	1.0	1.0	.7	.85	119.00
04	604548V	133800	APNC	00334.72	CENTERVILLE	1	75E90S NW/C 12-68-18	120	.5	.1	1.2	.7	.80	999999.99
04	604549C	005640	APNC	00334.72	CENTERVILLE	1	63E NW/C 13-68-18	720	.5	.6	1.2	.7	.80	145.15
93	604550W	065310	CNW	00000.25	ALLERTON	1	53E90S NW/C 2-68-22	2	4.0	1.0	1.2	.9	.80	6.91
93	604552K	065300	CNW	00001.25	ALLERTON	1	80E NW/C 2-68-22	30	12.0	1.0	1.0	.9	.80	259.20
93	604557U	131250	CNW	00365.78	ALLERTON	0	MAPLE ST.	410	12.0	1.0	1.2	1.0	.85	5018.40
93	604558E	097680	CNW	00365.38	ALLERTON	0	BOUNDARY ST.	220	12.0	1.0	1.0	1.0	.85	2244.00
93	604559H	097670	CNW	00365.27	ALLERTON	0	GREEN ST.	200	12.0	1.0	1.0	1.0	.85	2040.00
93	604560C	097660	CNW	00365.22	ALLERTON	0	PRAIRIE ST.	240	12.0	1.0	1.0	1.0	.85	2448.00
93	604561J	097650	CNW	00365.12	ALLERTON	0	BUFFALO	260	12.0	1.0	1.0	1.0	.85	2652.00
93	604562R	011610	CNW	00364.95	ALLERTON	0	CENTRAL	1240	12.0	.1	1.0	1.0	.85	1264.80

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
04	604672B	063600	APNC	00329.55	CENTERVILLE	1	50S NW/C 11-68-17	45	.5	1.0	1.0	.7	.80	12.60
04	604680T	095220	APNC	00325.55	CENTERVILLE	1	75E 05S NW/C 5-68-16	10	.5	1.0	1.0	.7	.80	2.80
63	605683S	069310	CNW	00037.60	MELCHER	1	25E50S NW/C 24-74-21	66	12.0	1.0	1.0	.9	.80	570.24
63	605686M	069300	CNW	00039.55	MELCHER	0	CENTER ST.	558	12.0	.1	1.0	.9	.85	512.24
63	605687L	114930	CNW	00039.75	MELCHER	0	NW "B" ST.	150	12.0	.1	1.0	.9	.80	129.60
63	605691J	069290	CNW	00043.78	DALLAS	1	70E75S NW/C 23-75-21	22	12.0	1.0	1.2	.9	.80	228.10
63	605702U	069280	CNW	00049.10	KNOXVILLE	1	25S NW/C 33-76-21	36	12.0	1.0	1.0	.9	.80	311.04
91	605708K	043140	CNW	00052.92	PLEASANTVILLE	1	95E25S NW/C 23-76-22	69	13.0	.6	1.2	.9	.85	494.07
91	605710L	043130	CNW	00053.95	HARTFORD	1	50E35S NW/C 14-76-22	170	12.0	1.0	1.2	.9	.80	1762.56
91	605717J	043100	CNW	00058.10	HARTFORD	1	25E90S NW/C 28-77-22	21	12.0	1.0	1.0	.9	.80	181.44
91	605720S	126870	CNW	00059.75	HARTFORD	0	LOCUST ST.	404	12.0	1.0	1.0	.9	.80	3490.56
91	605726H	043060	CNW	00061.52	HARTFORD	1	57E25S NW/C 18-77-22	4	12.0	1.0	1.2	.9	.80	41.47
91	605727D	043040	CNW	00062.12	CARLISLE	1	95S NW/C 7-77-22	51	12.0	1.0	1.0	.9	.80	440.64
91	605731E	043030	CNW	00063.00	CARLISLE	1	20E50S NW/C 12-77-23	35	12.0	1.0	1.0	.9	.80	302.40
93	605733T	065320	CNW	00366.02	ALLERTON	1	05E50SNW/C10-68-22	50	12.0	1.0	1.0	1.0	.85	510.00
93	605734A	065360	CNW	00366.60	ALLERTON	1	80ENW/C16-68-22	53	12.0	1.0	1.0	1.0	.85	540.60
93	605735G	008370	CNW	00367.27	ALLERTON	1	50E60SNW/C16-68-22	304	12.0	.1	1.2	1.0	.85	372.10
93	605736N	065370	CNW	00367.92	ALLERTON	1	99E NW/C20-68-22	24	12.0	1.0	1.2	1.0	.80	276.48
93	605737V	065380	CNW	00368.52	CLIO	1	50E35SNW/C20-68-22	27	12.0	1.0	1.0	1.0	.80	259.20
93	605738C	065390	CNW	00368.88	CLIO	1	30E50SNW/C20-68-22	27	12.0	.6	1.2	1.0	.80	999999.99
93	605741K	065400	CNW	00369.85	CLIO	1	40E NW/C30-68-22	39	12.0	1.0	1.0	1.0	.80	374.40
93	605744F	065410	CNW	00370.72	CLIO	1	99E75SNW/C25-68-23	3	16.0	1.0	1.0	1.0	.80	38.40
93	605745M	103270	CNW	00372.05	CLIO	0	SCHOOL ST.	219	12.0	1.0	1.0	1.0	.80	2102.40
93	605746U	065420	CNW	00372.25	CLIO	0	EAST ST.	594	12.0	1.0	1.0	1.0	.80	5702.40
93	605747B	065430	CNW	00372.60	CLIO	0	SOUTH ST.	364	12.0	.6	1.0	1.0	.80	2096.64



EXPOSURE INDEX LIST BY FRA NUMBER

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93	605749P	065440	CNW	00373.33	CLIO	1	50E50SNW/C2-67-23	26	12.0	1.0	1.0	1.0	.80	249.60
93	605750J	065450	CNW	00374.35	CLIO	1	50E90SNW/C3-67-23	12	12.0	1.0	1.2	1.0	.80	138.24
93	605751R	065460	CNW	00374.98	CLIO	1	25S NW/C10-67-23	25	12.0	1.0	1.2	1.0	.80	288.00
93	605755T	002870	CNW	00377.35	LINEVILLE	0	J-66	113	12.0	1.0	1.0	1.0	.85	1152.60
93	605756A	113150	CNW	00377.62	LINEVILLE	0	WALNUT ST.	210	12.0	1.0	1.0	1.0	.80	2016.00
93	605757G	113140	CNW	00377.78	LINEVILLE	0	ELM ST.	219	12.0	1.0	1.0	1.0	.80	2102.40
93	605758N	113130	CNW	00377.98	LINEVILLE	0	6TH ST.	50	12.0	1.0	1.0	1.0	.80	480.00
93	605760P	113110	CNW	00378.02	LINEVILLE	0	4TH ST.	219	12.0	1.0	1.0	1.0	.80	2102.40
93	605761W	113100	CNW	00378.03	LINEVILLE	0	3RD ST.	219	12.0	1.0	1.0	1.0	.80	2102.40
82	605946D	105690	S00	00184.65	DAVENPORT	0	S. HOWELL ST.	500	6.0	.1	1.0	.7	1.00	210.00
82	605947K	105700	S00	00184.00	DAVENPORT	0	SCHMIDT ROAD	1210	24.0	.1	1.0	.7	1.00	2032.80
82	605948S	105720	S00	00000.16	DAVENPORT	0	SCHMIDT ROAD	1210	.5	1.0	1.0	.7	.85	359.98
82	605949Y	105730	S00	00000.33	DAVENPORT	0	ROCKINGHAM ROAD	12100	.5	1.0	1.0	.7	.80	3388.00
82	605950T	136570	S00	00000.37	DAVENPORT	0	ALLEY	50	.5	1.0	1.0	.7	.80	999999.99
82	605951A	105740	S00	00000.41	DAVENPORT	0	BOIES AVE	500	.5	1.0	1.0	.7	.85	148.75
82	605952G	105750	S00	00000.58	DAVENPORT	0	S. ELMWOOD AVE.	2250	.5	1.0	1.0	.7	.85	669.38
82	605953N	105760	S00	00000.71	DAVENPORT	0	S. BIRCHWOOD AVE	700	.5	.6	1.0	.7	.85	999999.99
82	605955C	105770	S00	00000.93	DAVENPORT	0	S CLARK ST & INDN	1500	.5	1.0	1.0	.7	.80	420.00
82	605956J	128040	S00	00000.27	DAVENPORT	0	S HOWELL ST	500	.5	1.0	1.0	.7	.85	148.75
50	606067J	069060	IAIS	00141.83	PRAIRIE CITY	1	15S NW/C 27-79-21	25	1.0	1.0	1.2	.8	.80	19.20
50	606068R	069050	IAIS	00142.07	PRAIRIE CITY	1	85E NW/C 28-79-21	18	1.0	1.0	1.2	.8	.80	13.82
50	606070S	069030	IAIS	00144.07	PRAIRIE CITY	1	12S NW/C 20-79-21	90	1.0	1.0	1.0	.8	.80	57.60
50	606071Y	069020	IAIS	00144.30	PRAIRIE CITY	1	75E NW/C 19-79-21	8	1.0	1.0	1.2	.8	.80	6.14
77	606072F	047440	IAIS	00146.23	MITCHELLVILLE	1	96E25S NW/C 14-79-22	35	1.0	1.0	2.0	.8	.80	44.80
50	606073M	069010	IAIS	00145.10	ALTOONA	1	60S NW/C 18-79-21	48	1.0	1.0	1.0	.8	.80	30.72

## EXPOSURE INDEX LIST BY FRA NUMBER

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77	606074W	005110	IAIS	00145.63	MITCHELLVILLE	1	SCE35S NW/C 13-79-22	2080	1.0	.6	1.0	.8	.80	798.72
77	606075B	047450	IAIS	00146.40	MITCHELLVILLE	1	75E20S NW/C 14-79-22	75	1.0	1.0	1.0	.8	.80	48.00
77	606076H	047460	IAIS	00148.20	MITCHELLVILLE	1	85S NW/C 10-79-22	130	1.0	1.0	1.0	.7	.80	72.80
77	606077F	047470	IAIS	00148.77	MITCHELLVILLE	1	47E NW/C 16-79-22	41	1.0	1.0	2.0	.7	.80	45.92
77	606078W	047480	IAIS	00149.23	ALTOONA	1	8S NW/C 16-79-22	35	1.0	1.0	1.0	.7	.80	19.60
77	606080X	047490	IAIS	00150.33	ALTOONA	1	23S NW/C 17-79-22	95	1.0	1.0	1.0	.7	.80	53.20
34	606088C	035590	IANR	00211.15	NORA SPRINGS	1	80S NW/C 7-96-18	258	1.5	.1	1.0	.7	.85	23.03
17	606091K	069460	IANR	00212.72	NORA SPRINGS	1	75S NW/C 1-96-19	128	1.5	1.0	1.2	.7	.80	129.02
17	606092S	069470	IANR	00212.90	NORA SPRINGS	1	90E50S NW/C 2-96-19	60	1.5	1.0	1.0	.7	.80	50.40
17	606094F	069480	IANR	00214.37	ROCK FALLS	1	10E NW/C 35-97-19	53	1.5	1.0	1.2	.7	.80	53.42
17	606095M	069490	IANR	00215.32	ROCK FALLS	1	50E50S NW/C 27-97-19	80	1.5	1.0	1.0	.7	.80	67.20
17	606096U	069500	IANR	00216.27	ROCK FALLS	1	60S NW/C 22-97-19	285	1.5	1.0	1.0	.7	.80	239.40
17	606100G	069510	IANR	00218.83	PLYMOUTH	1	10S NW/C 17-97-19	1295	1.5	.6	1.0	.7	.80	652.68
17	606101N	069520	IANR	00219.13	PLYMOUTH	1	90E NW/C 12-97-19	66	1.5	1.0	1.2	.7	.80	66.53
17	606102V	069530	IANR	00220.27	PLYMOUTH	1	10S NW/C 7-97-19	20	1.5	1.0	1.0	.7	.80	16.80
17	606103C	012160	IANR	00220.43	PLYMOUTH	1	92E NW/C 12-97-20	390	1.5	.6	1.0	.7	.80	196.56
17	606106X	069540	IANR	00221.57	PLYMOUTH	1	10S NW/C 1-97-20	54	1.5	1.0	1.2	.7	.80	54.43
17	606107E	069550	IANR	00221.83	PLYMOUTH	1	90E NW/C 2-97-20	20	1.5	1.0	1.2	.7	.80	20.16
98	606109T	089610	IANR	00223.00	MANLY	1	15S NW/C 35-98-20	24	1.5	1.0	1.2	.7	.80	24.19
98	606110M	089600	IANR	00223.25	MANLY	1	88E NW/C 34-98-20	55	1.5	1.0	1.0	.7	.80	46.20
56	606271H	136870	KJ	00002.67	KEOKUK	0	VALLEY RD	200	.5	1.0	1.0	.7	.80	56.00
56	606273W	049140	KJ	00003.27	KEOKUK	1	75E 35S NW/C 33-65-5	61	.5	1.0	1.0	.7	.80	17.08
56	606274D	049130	KJ	00004.00	KEOKUK	1	15E95S NW/C 28-65-5	156	.5	1.0	1.0	.7	.80	43.68
62	606500A	037690	CNW	00309.70	EDDYVILLE	1	90E70S NW/C 25-74-16	113	.5	1.0	1.0	.7	.80	31.64
62	606501G	037670	CNW	00308.10	EDDYVILLE	1	50E NW/C 24-74-16	41	.5	1.0	1.0	.7	.85	12.20

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62	606502N	037650	CNW	00307.20	EDDYVILLE	1	10E80S NW/C 12-74-16	31	.5	1.0	1.2	.7	.80	10.42
63	606531Y	118300	IAIS	00115.37	PELLA	0	CLARK ST & SOUTH ST	2203	1.0	1.0	1.0	.8	.85	1498.04
63	606532F	118310	IAIS	00115.40	PELLA	0	E. 2ND ST.	293	1.0	1.0	1.0	.8	.85	199.24
63	606533M	118400	IAIS	00115.60	PELLA	0	MAIN ST.	840	1.0	1.0	1.0	.8	.80	537.60
63	606534U	118320	IAIS	00115.63	PELLA	0	OSKALOOSA ST.	280	1.0	1.0	1.0	.8	.80	179.20
63	606535B	118330	IAIS	00115.70	PELLA	0	HUBER ST.	163	1.0	1.0	1.2	.8	.80	125.18
63	606536H	118350	IAIS	00115.73	PELLA	0	BROADWAY ST.	843	1.0	1.0	1.0	.8	.80	539.52
63	606537P	118340	IAIS	00115.83	PELLA	0	UNIVERSITY ST.	3100	1.0	1.0	1.2	.8	.80	2380.80
63	606541E	118370	IAIS	00116.07	PELLA	0	INDEPENDENCE ST.	436	1.0	1.0	1.2	.8	.80	334.85
63	606542L	118390	IAIS	00116.10	PELLA	0	W. THIRD ST.	1530	1.0	1.0	1.2	.8	.80	1175.04
63	606543T	132740	IAIS	00116.20	PELLA	0	FIFIELD RD.6-28	1310	1.0	1.0	1.0	.8	.80	838.40
63	606549J	004790	IAIS	00119.93	PELLA	1	05E40S NW/C 31-77-18	4070	1.0	.6	2.0	.8	.80	3125.76
63	606553Y	069260	IAIS	00121.37	PELLA	1	80S NW/C 25-77-19	130	1.0	1.0	1.0	.8	.80	83.20
63	606562X	135290	IAIS	00123.30	PELLA	1	70E45S NW/C 22-77-19	85	1.0	1.0	1.0	.8	.80	54.40
63	606563E	069250	IAIS	00123.40	PELLA	1	55E30S NW/C 22-77-19	16	1.0	1.0	1.0	.8	.85	10.88
63	606564L	069240	IAIS	00123.50	PELLA	1	50E01S NW/C 22-77-19	22	1.0	1.0	1.0	.8	.80	14.08
63	606566A	069230	IAIS	00124.23	PELLA	1	40S NW/C 15-77-19	177	1.0	1.0	1.0	.8	.80	113.28
63	606567G	069220	IAIS	00124.93	PELLA	1	40S NW/C 15-77-19	28	1.0	1.0	1.0	.8	.80	17.92
63	606569V	069210	IAIS	00125.60	PELLA	1	50E95S NW/C 9-77-19	20	1.0	1.0	1.0	.8	.80	12.80
70	606726L	138520	S00	00000.30	MUSCATINE	1	55TH AVE	70	1.0	1.0	1.0	.7	.75	999999.99
70	606727T	138530	S00	00000.40	MUSCATINE	1	57TH AVE	70	1.0	1.0	1.0	.7	.75	999999.99
70	606728A	138540	S00	00000.50	MUSCATINE	1	49TH ST	170	1.0	1.0	1.2	.7	.75	107.10
70	606729G	138550	S00	00000.53	MUSCATINE	1	59TH AVE	140	1.0	1.0	1.0	.7	.75	73.50
70	606730B	138560	S00	00000.75	MUSCATINE	1	61ST AVE	170	1.0	1.0	1.0	.7	.75	89.25
70	606733W	077610	S00	00000.75	MUSCATINE	1	15E40S NW/C 15-76-2	2665	2.0	.6	1.0	.7	.75	1678.95



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70	606735K	077600	S00	00001.31	MUSCATINE	1	25E90S NW/C 15-76-2	1020	2.0	1.0	2.0	.7	.75	2142.00
70	606736S	077700	S00	00001.45	MUSCATINE	1	25E01S NW/C 22-76-2	500	2.0	1.0	1.2	.7	.75	630.00
70	606737Y	077590	S00	00001.87	MUSCATINE	1	25E40S NW/C 22-76-2	500	2.0	1.0	1.0	.7	.75	525.00
70	606744J	077820	S00	00002.70	MUSCATINE	1	30E40S NW/C 27-76-2	221	.5	1.0	1.0	.7	.75	999999.99
70	606746X	077830	S00	00003.25	MUSCATINE	1	40E75S NW/C 27-76-2	100	.5	1.0	1.0	.7	.75	26.25
70	606749T	077630	S00	00002.40	MUSCATINE	1	20E10S NW/C 27-76-2	221	2.0	1.0	1.0	.7	.75	232.05
70	606751U	129230	S00	NONE	MUSCATINE	1	STEWART ROAD	7780	.5	.6	1.0	.7	.75	1225.35
70	606755W	116080	S00	00000.07	MUSCATINE	0	EARL ST.	300	.5	1.0	1.0	.7	.75	78.75
70	606756D	116120	S00	00000.13	MUSCATINE	0	BAKER ST.	323	1.0	1.0	1.0	.7	.75	169.58
70	606757K	116130	S00	00000.21	MUSCATINE	0	BENHAM ST	221	1.0	1.0	1.0	.7	.75	116.03
70	606758S	116140	S00	00000.29	MUSCATINE	0	DEWEY AVE	200	1.0	1.0	1.2	.7	.75	126.00
70	606759Y	116150	S00	00000.29	MUSCATINE	0	NEBRASKA ST.	500	1.0	1.0	1.0	.7	.75	262.50
70	606761A	131620	S00	00000.38	MUSCATINE	0	OREGON ST.	8460	1.0	.6	1.0	.7	.75	2664.90
70	606762G	131630	S00	00000.13	MUSCATINE	0	MISSISSIPPI DRIVE	880	1.0	1.0	2.0	.7	.75	999999.99
70	606763N	116000	S00	00000.19	MUSCATINE	0	ORANGE ST	396	1.0	1.0	1.0	.7	.75	207.90
70	606765C	116170	S00	00000.24	MUSCATINE	0	OAK ST.	300	1.0	1.0	1.0	.7	.75	157.50
70	606769E	014290	S00	00000.28	MUSCATINE	0	SECOND ST	11670	1.0	1.0	1.0	.7	.75	6126.75
70	606773U	116190	S00	00000.57	MUSCATINE	0	FIFTH ST	4500	1.0	1.0	1.0	.7	.75	2362.50
70	606774B	116210	S00	00000.88	MUSCATINE	0	NINTH ST.	3200	.5	1.0	1.0	.7	.75	999999.99
82	606780E	131700	IAIS	00185.87	DAVENPORT	0	CENTRAL PARK AVE.	11500	6.5	.1	1.2	.9	1.00	8073.00
82	606787C	065920	IAIS	00189.18	DAVENPORT	0	UTAH AVE	71	6.5	1.0	1.0	.9	1.00	415.35
82	606792Y	065910	IAIS	00190.28	WALCOTT	1	70S NW/C 12-78-2	151	6.5	1.0	1.0	.9	1.00	883.35
82	606794M	065900	IAIS	00191.28	WALCOTT	1	40S NW/C 11-78-2	30	6.5	1.0	1.0	.9	1.00	175.50
82	606797H	065890	IAIS	00192.33	WALCOTT	1	15S NW/C 10-78-2	90	6.5	1.0	1.0	.9	1.00	526.50
82	606798P	065880	IAIS	00192.65	WALCOTT	1	60E NW/C 9-78-2	90	6.5	1.0	1.2	.9	1.00	631.80

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	FR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
82	606803J	065870	IAIS	00194.38	WALCOTT	1	85S NW/C 5-78-2	1580	6.5	.1	1.0	.9	1.00	924.30
82	606804R	123360	IAIS	00194.80	WALCOTT	0	HENRY ST	553	6.5	.1	1.0	.9	1.00	323.51
82	606805X	014750	IAIS	00194.93	WALCOTT	0	MAIN ST	1299	6.5	.1	1.0	.9	1.00	759.92
70	606807L	078160	IAIS	00196.35	WALCOTT	1	63S NW/C 1-78-1E	35	6.5	1.0	1.0	.9	1.00	204.75
70	606808T	078140	IAIS	00199.25	STOCKTON	0	IOWA ST	483	6.5	.1	1.0	.9	1.00	282.56
70	606809A	078100	IAIS	00200.43	STOCKTON	1	12S NW/C 5-78-1E	60	6.5	1.0	1.0	.9	1.00	351.00
82	606811B	065860	IAIS	00201.45	DURANT	0	14TH AVE.	700	6.5	.1	1.0	.9	1.00	409.50
16	606812H	061430	IAIS	00201.93	DURANT	0	8TH AVE	990	6.5	.1	1.0	.9	1.00	579.15
16	606813F	108300	IAIS	00202.03	DURANT	0	6TH AVE	600	6.5	.1	1.0	.9	1.00	351.00
16	606814W	108290	IAIS	00202.13	DURANT	0	5TH AVE.	1050	6.5	.1	1.0	.9	1.00	614.25
16	606818Y	066380	IAIS	00204.53	DURANT	1	90S NW/C 34-79-1	55	6.5	1.0	1.0	.9	1.00	321.75
70	606819F	078180	IAIS	00205.53	WILTON	1	17S NW/C 4-78-1	15	6.5	1.0	1.0	.9	1.00	87.75
70	606821G	078170	IAIS	00206.60	WILTON	1	41S NW/C 5-78-1	420	6.5	1.0	1.0	.9	1.00	2457.00
70	606822N	125340	IAIS	00207.35	WILTON	0	CYPRESS ST	392	6.5	.1	1.0	.7	1.00	178.36
70	606824C	002220	IAIS	00207.57	WILTON	0	CHESTNUT ST.	594	6.5	.1	1.0	.7	1.00	270.27
70	606827X	125320	IAIS	00207.83	WILTON	0	CHERRY ST	219	6.5	1.0	1.0	.7	1.00	996.45
70	606828E	078200	IAIS	00208.00	WILTON	0	LIBERTY ST	487	6.5	.1	1.0	.7	1.00	221.59
70	606832U	078210	IAIS	00209.83	WILTON	1	10S NW/C 11-78-2	650	6.5	.1	1.0	.7	1.00	295.75
70	606834H	078250	IAIS	00211.00	WILTON	1	90E 55S NW/C 9-78-2	25	6.5	1.0	1.0	.7	1.00	113.75
70	606835P	078240	IAIS	00211.15	WILTON	1	60E 65S NW/C 9-78-2	30	6.5	.1	1.0	.9	1.00	17.55
70	606836W	078230	IAIS	00212.50	WILTON	1	70E 65S NW/C 9-78-2	830	6.5	1.0	1.0	.9	1.00	4855.50
70	606838K	078220	IAIS	00213.25	WILTON	1	75E 90S NW/C 6-78-2	20	6.5	1.0	1.0	.9	1.00	117.00
70	606839S	078260	IAIS	00215.33	ATALISSA	1	65S NW/C 12-78-3	20	6.5	1.0	1.0	.9	1.00	117.00
70	606840L	078280	IAIS	00215.83	ATALISSA	1	50E 78S NW/C 11-78-3	150	6.5	.1	1.0	.9	1.00	87.75
70	606841T	078270	IAIS	00215.87	ATALISSA	0	CHERRY ST.	590	6.5	.1	1.0	.9	1.00	345.15

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
70	606842A	098190	IAIS	00216.05	ATALISSA	0	OAK ST	113	6.5	1.0	1.0	.9	1.00	661.05
70	606845V	001030	IAIS	00217.75	ATALISSA	1	60E 20S NW/C 16-78-3	20	6.5	1.0	1.0	.9	1.00	117.00
70	606849X	096410	IAIS	00219.97	WEST LIBERTY	1	40E 10S NW/C 18-78-3	10	6.5	1.0	1.0	.9	1.00	58.50
70	606850S	014250	IAIS	00220.97	WEST LIBERTY	0	COLUMBUS STREET	3130	6.5	.1	1.0	.9	1.00	1831.05
70	606851Y	037420	IAIS	00221.00	WEST LIBERTY	0	CALHOUN STREET	487	6.5	.1	1.0	.9	1.00	284.90
70	606852F	125150	IAIS	00221.25	WEST LIBERTY	0	PRAIRIE	1230	6.5	1.0	1.0	.9	.85	6116.18
16	606860X	066390	IAIS	00226.57	WEST LIBERTY	1	75S NW/C 29-79-4	1100	6.5	.6	1.0	.9	.80	3088.80
16	606861E	089640	IAIS	00226.82	WEST LIBERTY	1	75E75S NW/C 30-79-4	44	6.5	1.0	1.0	.9	.85	218.79
52	606863T	068470	IAIS	00228.55	WEST LIBERTY	1	70S NW/C 25-79-5	37	6.5	1.0	1.0	.9	.80	173.16
52	606869J	068480	IAIS	00232.52	IOWA CITY	1	21E NW/C 29-79-5	180	6.5	.6	1.2	.9	.80	606.53
52	606870D	068490	IAIS	00232.75	IOWA CITY	1	90S NW/C 20-79-5	100	6.5	1.0	1.0	.9	.80	468.00
52	606872S	004290	IAIS	00233.90	IOWA CITY	1	SCOTT BLVD	453	6.5	.1	1.0	.9	.80	212.00
52	606873Y	129430	IAIS	00235.07	IOWA CITY	0	FIRST AVE.	11900	6.5	.1	1.0	.7	.85	4602.33
52	606878H	091380	IAIS	00236.82	IOWA CITY	0	DUEQUE STREET	1700	6.5	.1	1.0	.7	.85	657.48
52	606879P	084200	IAIS	00236.92	IOWA CITY	0	CLINTON STREET	3000	6.5	.1	1.0	.7	.85	1160.25
52	606882X	131950	IAIS	00237.50	IOWA CITY	0	GREENWOOD DRIVE	2180	6.0	.6	1.0	.9	.85	6003.72
52	606885T	139310	IAIS	00239.60	CORALVILLE	0	10TH AVE	20	6.0	1.0	1.0	.9	.80	86.40
52	606887G	131970	IAIS	00240.97	CORALVILLE	0	CAMP CARDINAL RD.	80	6.0	.1	1.0	.9	.85	36.72
29	606894S	099930	BJRY	00000.06	BURLINGTON	0	VALLEY	2200	1.0	1.0	1.0	.7	.80	1232.00
29	606895Y	099940	BJRY	00000.12	BURLINGTON	0	JEFFERSON	2050	1.0	1.0	1.0	.7	.85	1219.75
29	606896F	099990	BJRY	00000.18	BURLINGTON	0	WASHINGTON	2300	1.0	1.0	1.0	.7	.85	1368.50
29	606897M	099950	BJRY	00000.27	BURLINGTON	0	COURT	2100	1.0	1.0	1.0	.7	.85	1249.50
51	607066F	109470	BN	00254.90	FAIRFIELD	0	DEPOT ST	1120	.5	1.0	1.0	.7	.80	999999.99
51	607067M	109480	BN	00274.98	FAIRFIELD	0	GRIMES	517	.5	1.0	1.0	.7	.85	999999.99
82	607132R	128060	S00	00000.47	DAVENPORT	0	S. DIVISION ST.	2520	.5	1.0	1.0	.7	.80	705.60



EXPOSURE INDEX LIST BY FRA NUMBER

CITY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
82	607133X	127460	S00	00000.68	DAVENPORT	0	STURDEVANT	3050	.5	1.0	1.0	.7	.80	854.00
82	607136T	127490	S00	00001.03	DAVENPORT	0	MARQUETTE ST.	3970	.5	1.0	1.0	.7	.85	1181.08
82	607141F	131720	S00	00195.23	DAVENPORT	0	CONCORD ST.	2600	26.0	.1	1.0	.9	1.00	6084.00
82	607142W	131720	S00	00000.24	DAVENPORT	0	CONCORD ST.	2600	.5	1.0	1.0	.7	.75	999999.99
82	607143D	131730	S00	00000.17	DAVENPORT	0	CONCORD ST.	1090	.5	1.0	1.0	.7	.75	286.13
82	607144K	131740	S00	00000.50	DAVENPORT	0	S. FAIRMOUNT ST.	2730	.5	1.0	1.0	.7	.75	716.63
82	607145S	131750	S00	00001.04	DAVENPORT	0	STARK ST.	388	.5	.1	1.0	.7	.75	999999.99
82	607146Y	056540	S00	00196.43	DAVENPORT	0	WAPELLO AVE	650	22.0	.1	1.0	.9	1.00	1287.00
82	607149U	034910	S00	00198.60	DAVENPORT	0	UTAH AVE	105	17.0	.1	1.0	.9	1.00	160.65
82	607151V	075290	S00	00199.10	BUFFALO	1	50E10S NW/C 24-77-2	95	17.0	.1	1.0	.9	1.00	145.35
82	607153J	005150	S00	00199.70	BUFFALO	0	15S NW/C 24-77-2	1370	17.0	1.0	1.0	.9	1.00	20961.00
82	607154R	024890	S00	00199.90	BUFFALO	0	80E20S NW/C 23-77-2	25	17.0	.1	1.0	.9	1.00	38.25
82	607157L	135620	S00	00201.53	BUFFALO	0	MISSISSIPPI ACCESS	27	16.0	1.0	1.0	.9	1.00	999999.99
82	607158T	135630	S00	00201.55	BUFFALO	0	MISSISSIPPI ACCESS	40	16.0	.1	1.0	.9	1.00	999999.99
82	607160U	138620	S00	00202.30	BUFFALO	1	60E75SNW/C21-77-E2	20	16.0	1.0	1.0	.9	1.00	288.00
82	6071618	138630	S00	00202.48	BUFFALO	1	40E75SNW/C21-77-E2	15	16.0	1.0	1.0	.9	1.00	216.00
82	607169F	138640	S00	00203.90	BUFFALO	1	00E70SNW/C20-77-E2	10	16.0	.1	1.0	.9	1.00	14.40
82	607171G	138650	S00	00204.55	BUFFALO	1	40E60SNW/C19-77-E2	17	16.0	.1	1.0	.9	1.00	24.48
70	607192A	077870	S00	00211.30	BUFFALO	1	90E 99S NW/C 25-77-1	130	16.0	1.0	1.0	.9	1.00	1872.00
70	607193G	077880	S00	00211.45	BUFFALO	1	75E 01S NW/C 36-77-1	15	16.0	1.0	1.0	.9	1.00	216.00
70	607194N	077890	S00	00211.78	BUFFALO	1	60E 05S NW/C 36-77-1	5	16.0	1.0	1.0	.9	1.00	72.00
70	607204S	116010	S00	00219.30	MUSCATINE	0	CEDAR ST.	1140	22.0	.1	1.0	.8	.85	1705.44
70	607206F	116030	S00	00219.40	MUSCATINE	0	IOWA ST.	670	22.0	.1	1.0	.8	1.00	1179.20
70	607207M	116040	S00	00219.50	MUSCATINE	0	CHESTNUT ST.	410	22.0	.1	1.0	.8	1.00	721.60
70	607209B	116050	S00	00211.40	MUSCATINE	0	FRANKLIN ST-EXT	300	20.0	1.0	1.0	.8	1.00	4800.00

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
70	607212J	116070	S00	00220.83	MUSCATINE	0	DAY ST.	500	20.0	1.0	1.0	.8	1.00	8000.00
70	607213R	116090	S00	00220.98	MUSCATINE	0	MUSSER ST.	500	20.0	1.0	1.0	.8	.85	6800.00
70	607215E	116110	S00	00221.50	MUSCATINE	0	SAMPSON ST.	2590	15.0	.1	1.0	.8	.85	2641.80
70	607216L	077640	S00	00222.85	MUSCATINE	1	35E 50S NW/C 16-76-2	180	15.0	.6	1.2	.9	.80	1399.68
70	607217T	077650	S00	00223.53	MUSCATINE	1	41ST ST	680	15.0	.6	1.0	.9	.80	4406.40
70	607218A	077660	S00	00224.50	MUSCATINE	1	50E 50S NW/C 20-76-2	94	15.0	.6	1.0	.9	.85	647.19
70	607219G	077670	S00	00224.88	MUSCATINE	1	02E NW/C 29-76-2	500	15.0	.6	1.2	.9	.80	3888.00
70	607220B	077680	S00	00225.55	FRUITLAND	0	NORTH STREET	404	14.0	.1	1.2	.9	.80	488.68
70	607221H	077690	S00	00225.90	FRUITLAND	0	MAIN ST	219	14.0	1.0	1.0	.9	.85	2345.49
58	607226S	051300	S00	00228.53	LETTS	1	62E60S NW/C 2-75-3	93	14.0	.6	1.0	.9	.80	562.46
58	607228F	113060	S00	00232.45	LETTS	0	CHESTNUT ST.	350	14.0	1.0	1.0	.9	.80	3528.00
58	607229M	013770	S00	00232.60	LETTS	0	LINN ST.	910	14.0	.6	1.0	.9	.85	5847.66
58	607230G	003110	S00	00232.93	LETTS	1	45E50S NW/C 6-75-3	352	14.0	.1	.0	.9	.80	999999.99
58	607232V	075310	S00	00233.75	LETTS	1	85E NW/C 12-75-4	128	14.0	1.0	1.0	.9	.80	1290.24
58	607234J	075320	S00	00234.85	LETTS	1	65S NW/C 12-75-4	61	14.0	1.0	1.0	.9	.80	614.88
58	607237E	075330	S00	00235.50	LETTS	1	35E NW/C 14-75-4	28	14.0	1.0	1.2	.9	.80	338.69
58	607238L	075340	S00	00235.98	FREDONIA	1	20S NW/C 14-75-4	75	14.0	1.0	1.0	.9	.80	756.00
58	607241U	075350	S00	00237.80	FREDONIA	1	35E NW/C 21-75-4	24	14.0	1.0	1.0	.9	.80	241.92
58	607242B	110480	S00	00238.70	FREDONIA	0	THIRD ST.	219	14.0	1.0	1.0	.9	.85	2345.49
58	607243H	075360	S00	00238.75	FREDONIA	0	2ND ST	835	14.0	.6	1.0	.9	.85	5365.71
58	607244P	103300	S00	00239.85	COLUMBUS JUNCTION	0	MAIN ST.	1000	14.0	1.0	1.0	.9	.80	10080.00
58	607245W	009850	S00	00239.98	COLUMBUS JUNCTION	0	2ND ST.	2600	14.0	.6	1.0	.9	.80	15724.80
58	607250T	075370	S00	00243.00	COTTER	1	50E60S NW/C 22-75-5	6	14.0	1.0	1.0	.9	.80	60.48
58	607251A	096390	S00	00244.55	COTTER	1	20S NW/C 21-75-5	28	14.0	1.0	1.0	.9	.80	282.24
58	607252G	075380	S00	00245.57	COTTER	0	CTH W-66	594	14.0	.6	1.0	.9	.80	3592.51

## EXPOSURE INDEX LIST BY FRA NUMBER

CITY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
58	607254V	075390	S00	00237.62	COTTER	1	85S NW/C 18-75-5	75	14.0	.6	1.0	.9	.80	453.60
92	607257R	075130	S00	00248.10	AINSWORTH	1	50E 90S NW/C 14-75-6	16	14.0	1.0	1.0	.9	.80	161.28
52	607297N	111420	CIC	00025.47	IOWA CITY	0	BENTON AT MAIDEN	2100	4.0	1.0	1.0	.7	.80	4704.00
52	607298V	134200	CIC	00025.42	IOWA CITY	0	MAIDEN LANE	450	4.0	1.0	1.0	.7	.75	945.00
52	607299C	136070	CIC	00025.39	IOWA CITY	0	GILBERT ST	2400	2.0	1.0	1.0	.7	.85	2856.00
52	607300U	134190	CIC	00025.29	IOWA CITY	0	DUBUQUE ST.	1700	4.0	1.0	1.0	.7	.75	3570.00
52	607301B	136590	CIC	00025.25	IOWA CITY	0	ALLEY HAWKEYE LUMBER	50	4.0	1.0	1.0	.7	.80	112.00
52	607302H	134180	CIC	00025.21	IOWA CITY	0	CLINTON ST.	3000	4.0	1.0	1.0	.7	.75	6300.00
52	607306K	136600	CIC	00025.33	IOWA CITY	0	ALLEY BTWN DUBQ&GILB	50	3.0	.1	1.0	.7	.80	999999.99
52	607307S	131920	CIC	00025.60	IOWA CITY	0	KIRKWOOD AT MAIDEN	14000	3.0	1.0	1.0	.7	.80	23520.00
52	607308Y	131930	CIC	00025.85	IOWA CITY	0	HIGHLAND AVENUE	2120	4.0	1.0	1.0	.7	.80	4748.80
52	607309F	034980	CIC	00025.90	IOWA CITY	0	BETW SAND AND KEOKUK	18300	4.0	.6	1.0	.7	.80	24595.20
52	607310A	135850	CIC	00026.00	IOWA CITY	0	HY-VEE ENTRANCE	20	5.0	1.0	1.0	.7	.80	999999.99
52	607311G	131940	CIC	00026.06	IOWA CITY	0	WATERFRONT DR.	3750	4.0	1.0	1.2	.7	.80	10080.00
92	607314C	075170	S00	00252.55	AINSWORTH	1	75S NW/C 18-75-6	140	14.0	1.0	1.0	.9	.80	1411.20
92	607315J	123450	KEWH	00248.87	WASHINGTON	0	N F AVE	150	1.0	1.0	1.0	.7	.80	999999.99
92	607323B	080480	S00	00256.87	WASHINGTON	0	12TH AVENUE	1850	15.0	.1	1.0	.9	.85	2122.88
92	607326W	075190	S00	00255.82	WASHINGTON	1	40S NW/C 15-75-7	10	15.0	1.0	1.0	.9	.80	108.00
92	607335V	075160	S00	00250.67	AINSWORTH	0	OLD MILITARY RD	200	14.0	.6	1.0	.9	.80	1209.60
92	607336C	075150	S00	00250.15	AINSWORTH	0	THIRD STREET	430	14.0	.6	1.0	.9	.85	2763.18
92	607337J	075140	S00	00249.97	AINSWORTH	0	FIRST STREET	558	14.0	.6	1.0	.9	.85	3585.71
92	607361K	074890	KEWH	00254.22	WEST CHESTER	1	40S NW/C 4-75-8	32	1.0	1.0	1.0	.7	.80	17.92
92	607365M	025500	KEWH	00255.27	WEST CHESTER	1	99E NW/C 6-75-8	2240	1.0	1.0	1.2	.7	.80	1505.28
92	607366U	125080	KEWH	00255.37	WEST CHESTER	0	CEDAR ST.	558	1.0	1.0	1.0	.7	.80	312.48
92	607367B	074870	KEWH	00255.52	WEST CHESTER	0	RAILROAD STREET	219	1.0	1.0	1.0	.7	.80	122.64



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
92	607369P	015130	KEWH	00256.25	WEST CHESTER	1	70S NW/C 31-76-8	460	1.0	1.0	1.0	.7	.80	257.60
92	607371R	074860	KEWH	00257.30	WEST CHESTER	1	40S NW/C 36-76-9	130	1.0	1.0	1.0	.7	.80	72.80
92	607372X	074850	KEWH	00258.35	WEST CHESTER	1	10S NW/C 35-76-9	20	1.0	1.0	1.0	.7	.80	11.20
92	607373E	074840	KEWH	00258.50	WEST CHESTER	1	85E NW/C 34-76-9	79	1.0	1.0	1.2	.7	.80	53.09
92	607375T	074830	KEWH	00259.32	KEOTA	1	75S NW/C 27-76-9	30	1.0	1.0	1.0	.7	.80	16.80
92	607376A	074820	KEWH	00260.47	KEOTA	1	40S NW/C 28-76-9	73	1.0	1.0	1.0	.7	.80	40.88
92	607377G	074810	KEWH	00261.47	KEOTA	1	25S NW/C 29-76-9	38	1.0	1.0	1.0	.7	.80	21.28
92	607378N	074800	KEWH	00262.47	KEOTA	1	25S NW/C 30-76-9	1095	1.0	1.0	1.0	.7	.85	651.53
54	607379V	112030	KEWH	00262.54	KEOTA	0	HAMILTON ST	100	.5	1.0	1.0	.7	.85	999999.99
54	607380P	112020	KEWH	00262.62	KEOTA	0	GREEN STREET	205	.5	1.0	1.0	.7	.85	60.99
54	607381W	131580	KEWH	00262.70	KEOTA	0	FULTON STREET	205	.5	1.0	1.0	.7	.85	60.99
54	607382D	112010	KEWH	00263.25	KEOTA	0	DAVIS STREET	205	.5	1.0	1.0	.7	.85	60.99
09	607383K	067630	IANR	00168.57	SHELL ROCK	1	58S NW/C 20-91-14	87	1.5	1.0	1.2	.7	.80	87.70
09	607385Y	067620	IANR	00169.63	SHELL ROCK	1	30E NW/C 19-91-14	110	1.5	1.0	1.2	.7	.80	110.88
12	607388U	019300	IANR	00171.25	SHELL ROCK	1	75E25S 14-91-15	94	1.5	1.0	1.0	.7	.80	78.96
12	607391C	120280	IANR	00172.05	SHELL ROCK	0	CHERRY ST.	1134	1.5	.6	1.0	.7	.80	571.54
12	607392J	019290	IANR	00172.25	SHELL ROCK	0	MCINTIRE ST.	113	1.5	1.0	1.2	.7	.85	121.02
12	607393R	019430	IANR	00172.47	SHELL ROCK	1	41S NW/C 11-91-15	50	1.5	1.0	1.0	.7	.85	44.63
12	607394X	019280	IANR	00172.55	SHELL ROCK	1	90E40S NW/C 10-91-15	30	1.5	1.0	1.0	.7	.85	26.78
12	607395E	019270	IANR	00172.90	SHELL ROCK	1	75E20S NW/C 10-91-15	30	1.5	1.0	1.2	.7	.80	30.24
12	607397T	019260	IANR	00173.55	SHELL ROCK	1	30E50S NW/C 3-91-15	30	1.5	1.0	1.0	.7	.80	25.20
12	607398A	019250	IANR	00174.13	SHELL ROCK	1	05S NW/C 3-91-15	42	1.5	1.0	1.0	.7	.80	35.28
12	607399G	006010	IANR	00174.25	SHELL ROCK	1	94E NW/C 4-91-15	180	1.5	.6	1.2	.7	.80	108.86
12	607401F	019240	IANR	00175.15	SHELL ROCK	1	35E20S NW/C 33-92-15	20	1.5	1.0	1.0	.7	.80	16.80
12	607403U	019230	IANR	00175.90	CLARKSVILLE	1	60S NW/C 28-92-15	30	1.5	1.0	1.0	.7	.80	25.20

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
12	607404E	019220	IANR	00176.35	CLARKSVILLE	1	75E25S NW/C 29-92-15	10	1.5	1.0	1.0	.7	.80	8.40
12	607405H	019210	IANR	00177.10	CLARKSVILLE	1	25E75S NW/C 20-92-15	20	1.5	1.0	1.2	.7	.80	20.16
12	607408D	010060	IANR	00178.37	CLARKSVILLE	0	MAIN ST.	2390	1.5	.6	1.0	.7	.80	1204.56
12	607410E	102550	IANR	00178.97	CLARKSVILLE	0	JEFFERSON ST.	113	1.5	1.0	1.0	.7	.80	94.92
12	607411L	102540	IANR	00179.10	CLARKSVILLE	0	WEARE ST.	113	1.5	1.0	1.0	.7	.85	100.85
12	607412T	019200	IANR	00179.25	CLARKSVILLE	0	SUPERIOR ST.	1240	1.5	.6	1.0	.7	.85	664.02
12	607413A	019190	IANR	00179.50	CLARKSVILLE	1	90E NW/C 13-92-16	240	1.5	1.0	1.0	.7	.85	214.20
12	607415N	019180	IANR	00180.00	CLARKSVILLE	1	80E50S NW/C 12-92-16	75	1.5	1.0	1.0	.7	.85	66.94
12	607419R	019170	IANR	00181.43	CLARKSVILLE	1	50E25S NW/C 1-92-16	75	1.5	1.0	1.0	.7	.80	63.00
12	607423F	019160	IANR	00184.25	GREENE	1	80E NW/C 27-93-16	100	1.5	1.0	1.0	.7	.80	84.00
12	607424M	019150	IANR	00184.53	GREENE	1	50E80S NW/C 22-93-16	10	1.5	1.0	1.0	.7	.80	999999.99
12	607425U	019140	IANR	00185.07	GREENE	1	60S NW/C 22-93-16	337	1.5	.6	1.0	.7	.85	180.46
12	607426B	019130	IANR	00185.90	GREENE	1	25E30S NW/C 21-93-16	5	1.5	1.0	1.0	.7	.80	4.20
12	607427H	019120	IANR	00185.93	GREENE	1	05E25S NW/C 21-93-16	60	1.5	1.0	1.0	.7	.80	50.40
12	607430R	019110	IANR	00187.55	GREENE	1	80E70S NW/C 18-93-16	60	1.5	1.0	1.0	.7	.80	50.40
79	607484W	044730	IAIS	00295.60	MALCOM	1	15S NW/C 27-80-15	65	6.0	1.0	1.0	.9	.80	280.80
79	607485D	044720	IAIS	00296.70	MALCOM	1	80S NW/C 21-80-15	35	6.0	1.0	1.0	.9	.80	151.20
79	607486K	044710	IAIS	00297.77	GRINNELL	1	30S NW/C 20-80-15	140	6.0	1.0	1.0	.9	.80	604.80
79	607488Y	044700	IAIS	00298.72	GRINNELL	1	05E NW/C 19-80-15	70	6.0	1.0	2.0	.9	.80	604.80
79	607489F	044690	IAIS	00299.40	GRINNELL	1	50E75S NW/C 13-80-16	5	6.0	1.0	1.0	.9	.80	21.60
79	607491G	044680	IAIS	00301.00	GRINNELL	1	70S NW/C 14-80-16	160	6.0	1.0	1.0	.9	.80	671.20
79	607492N	044650	IAIS	00301.97	GRINNELL	1	PENROSE ST.	580	6.0	1.0	1.0	.9	.85	2662.20
79	607493V	126070	IAIS	00302.50	GRINNELL	0	EAST STREET	2170	6.0	.6	1.0	.9	.85	5976.18
79	607494C	126080	IAIS	00302.62	GRINNELL	0	HIGH STREET	400	6.0	.1	1.0	.9	.85	183.60
79	607495J	126090	IAIS	00302.82	GRINNELL	0	PARK STREET	1200	6.0	.6	1.0	.9	.85	3304.80

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
79	607496R	126150	IAIS	00302.87	GRINNELL	0	ALLEY	50	6.0	1.0	1.0	.9	.85	999999.99
79	607497X	126100	IAIS	00302.92	GRINNELL	0	BROAD STREET	810	6.0	.6	1.0	.9	.85	2230.74
79	607498E	126110	IAIS	00302.98	GRINNELL	0	MAIN STREET	2500	6.0	.6	1.0	.9	.85	6885.00
79	607499L	014600	IAIS	00303.00	GRINNELL	0	WEST STREET	7980	6.0	.1	1.0	.9	.85	3662.82
79	607500D	126120	IAIS	00303.07	GRINNELL	0	SPRING STREET	700	6.0	1.0	1.0	.9	.85	3213.00
79	607501K	126130	IAIS	00303.12	GRINNELL	0	PEARL STREET	600	6.0	1.0	1.0	.9	.80	2592.00
79	607502S	126140	IAIS	00303.30	GRINNELL	0	REED STREET	1080	6.0	1.0	1.0	.9	.80	4665.60
79	607503Y	044670	IAIS	00303.75	GRINNELL	1	31E50S NW/C 17-80-16	430	6.0	1.0	1.2	.9	.80	2229.12
50	607506U	064590	IAIS	00307.87	GRINNELL	1	40S NW/C 26-80-17	130	6.0	1.0	1.2	.9	.80	673.92
50	607507B	064600	IAIS	00308.70	KELLOGG	1	25E NW/C 34-80-17	30	6.0	1.0	1.2	.9	.80	155.52
50	607508H	064610	IAIS	00309.30	KELLOGG	1	75E 10SNW/C 33-80-17	8	6.0	1.0	1.0	.9	.80	34.56
50	607513E	010850	IAIS	00313.42	KELLOGG	0	EAST ST.	1350	6.0	.6	1.0	.9	.80	3499.20
50	607514L	064620	IAIS	00313.67	KELLOGG	0	HIGH ST.	219	6.0	.1	1.0	.9	.85	100.52
50	607515T	112050	IAIS	00313.97	KELLOGG	0	MAIN	46	6.0	1.0	1.0	.9	.85	211.14
50	607516A	064640	IAIS	00314.85	KELLOGG	1	60E 40SNW/C 22-80-18	70	6.0	1.0	1.0	.9	.80	302.40
50	607517G	064650	IAIS	00315.72	KELLOGG	1	25S NW/C 22-80-18	10	6.0	1.0	1.0	.9	.80	43.20
50	607518N	064660	IAIS	00316.67	KELLOGG	1	30S 05ENW/C 21-80-18	37	6.0	1.0	1.0	.9	.80	159.84
52	607519V	081570	CIC	00032.43	HILLS	0	MAIN ST	2800	4.0	1.0	1.0	.7	.85	6664.00
07	607534X	017770	IANR	00135.13	LA PORTE CITY	0	CEBAR ST.	594	1.5	.1	1.0	.7	.85	53.01
07	607536L	112580	IANR	00135.43	LA PORTE CITY	0	SYCAMORE ST.	219	1.5	1.0	1.0	.7	.80	183.96
07	607537T	112630	IANR	00135.55	LA PORTE CITY	0	COMMERCIAL & EIGHTH	1200	1.5	.6	1.2	.7	.80	725.76
07	607549M	096040	IANR	00139.15	LA PORTE CITY	1	30E80S NW/C 10-87-12	60	1.5	1.0	1.0	.7	.80	50.40
07	607554J	017740	IANR	00141.00	WATERLOO	1	70E NW/C 4-87-12	86	1.5	1.0	1.0	.7	.80	72.24
07	607556X	017730	IANR	00141.57	WATERLOO	1	45E50S NW/C 33-88-12	90	1.5	1.0	1.0	.7	.80	75.60
07	607557E	017710	IANR	00143.37	WATERLOO	1	54E NW/C 29-88-12	3730	1.5	.6	1.0	.7	.85	1977.42



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07	607560M	017700	IANR	00144.70	WATERLOO	1	MCKELLAR ROAD	35	1.5	1.0	1.0	.7	.80	29.40
07	607561U	017690	IANR	00144.80	WATERLOO	0	FOULK ROAD	181	1.5	1.0	1.2	.7	.80	182.45
07	607564P	017630	IANR	00145.65	WATERLOO	0	EAST SHAULIS ROAD	3274	1.5	1.0	1.2	.7	.80	3300.19
07	607565W	017620	IANR	00146.63	WATERLOO	0	CEDAR TERRACE DR.	166	1.5	1.0	2.0	.7	.80	278.88
07	607569Y	127010	IANR	00148.65	WATERLOO	0	MITCHELL AVE	3116	1.5	1.0	1.0	.7	.85	2781.03
07	607570T	126970	IANR	00149.00	WATERLOO	0	LA PORTE RD	1567	1.5	.6	2.0	.7	.80	1579.54
07	607571A	126980	IANR	00149.11	WATERLOO	0	HAWTHORNE AVE.	516	1.5	.1	1.0	.7	.80	43.34
07	607572G	126960	IANR	00149.33	WATERLOO	0	18TH ST.	1059	1.5	.6	1.0	.7	.80	533.74
07	607573N	126950	IANR	00149.55	WATERLOO	0	15TH. ST.	516	1.5	1.0	1.0	.7	.80	433.44
07	607574V	126940	IANR	00149.63	WATERLOO	0	14TH. ST.	516	1.5	1.0	1.0	.7	.80	433.44
07	607575C	124450	IANR	00149.77	WATERLOO	0	12TH ST.	516	1.5	1.0	1.0	.7	.80	433.44
07	607576J	124440	IANR	00149.83	WATERLOO	0	11TH ST	16486	1.5	.6	1.0	.7	.80	8308.94
07	607577R	124430	IANR	00149.90	WATERLOO	0	10TH ST.	1059	1.5	1.0	1.0	.7	.80	889.56
07	607578X	124420	IANR	00149.97	WATERLOO	0	9TH ST.	4642	1.5	1.0	1.0	.7	.80	3899.28
07	607579E	124410	IANR	00150.03	WATERLOO	0	8TH ST.	516	1.5	1.0	1.0	.7	.80	433.44
07	607580Y	124400	IANR	00150.10	WATERLOO	0	7TH ST.	516	1.5	1.0	1.0	.7	.80	433.44
07	607581F	127190	IANR	00150.17	WATERLOO	0	6TH ST.	7233	1.5	.6	1.0	.7	.80	3645.43
07	607582M	090430	IANR	00150.25	WATERLOO	0	5TH ST.	7725	1.5	.6	1.0	.7	.85	4136.74
07	607583U	127180	IANR	00150.33	WATERLOO	0	4TH ST.	5730	1.5	.6	1.0	.7	.85	3068.42
07	607584B	127170	IANR	00150.40	WATERLOO	0	PARK AVE	4464	1.5	.6	1.0	.7	.85	2390.47
07	607585H	124350	IANR	00150.47	WATERLOO	0	3RD ST.	1059	1.5	.6	1.0	.7	.85	557.09
07	607586P	124360	IANR	00150.55	WATERLOO	0	2ND ST	2796	1.5	1.0	1.0	.7	.85	2495.43
07	607587W	124370	IANR	00150.63	WATERLOO	0	FIRST ST.	10400	1.5	.6	1.0	.7	.85	5569.20
07	607588D	128670	IANR	00150.67	WATERLOO	0	MULLAN AVE	10400	1.5	.6	1.0	.7	.80	5241.60
07	607589K	124380	IANR	00150.95	WATERLOO	0	MCKINLEY AVE	1059	1.5	.6	1.0	.7	1.00	667.17

EXPOSURE INDEX LIST BY FRA NUMBER

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07	607590E	126930	IANR	00151.43	WATERLOO	0	DURVEA ST.	1722	1.5	.6	1.0	.7	.80	857.89
07	607591L	126920	IANR	00151.63	WATERLOO	0	VALGHN ST.	634	1.5	1.0	1.0	.7	.85	565.85
07	607592T	126630	IANR	00151.80	WATERLOO	0	CLEVELAND AVE	5467	1.5	.6	1.0	.7	.85	2927.58
07	607593A	017310	IANR	00152.37	WATERLOO	0	AINSBOROUGH AVE	8687	1.5	.6	1.0	.7	.80	4376.25
07	607594G	005790	IANR	00152.45	WATERLOO	0	RAINBOW DRIVE	10871	1.5	.6	1.2	.7	.80	6574.78
07	607595N	128650	IANR	00152.93	WATERLOO	0	FORESTER AVE	516	1.5	1.0	1.0	.7	.80	433.44
07	607596V	101230	IANR	00153.65	WATERLOO	0	HACKETT RD	1408	1.5	1.0	1.0	.7	.80	1182.72
07	607598J	132380	IANR	00154.77	CEDAR FALLS	0	PARK DR	120	1.5	1.0	1.0	.7	.80	999999.99
07	607599R	039290	IANR	00155.87	CEDAR FALLS	0	12TH ST.	1540	1.5	.6	1.0	.7	.85	824.67
07	607600H	101430	IANR	00156.15	CEDAR FALLS	0	9TH ST	90	1.5	1.0	1.0	.7	.85	80.33
07	607601P	101420	IANR	00156.43	CEDAR FALLS	0	BLUFF ST.	916	1.5	1.0	1.2	.7	.80	923.33
07	607602W	101410	IANR	00156.50	CEDAR FALLS	0	STATE ST.	2657	1.5	.6	1.0	.7	.80	1339.13
07	607603D	090540	IANR	00156.57	CEDAR FALLS	0	MAIN ST.	3340	1.5	.6	1.0	.7	.80	1683.36
07	607604K	136450	IANR	00156.60	CEDAR FALLS	0	ALLEY	50	1.5	1.0	1.0	.7	.80	999999.99
07	607605S	101250	IANR	00156.63	CEDAR FALLS	0	WASHINGTON ST.	4200	1.5	.6	1.0	.7	.80	2116.80
07	607606Y	136460	IANR	00156.65	CEDAR FALLS	0	ALLEY	50	1.5	1.0	1.0	.7	.80	999999.99
07	607607F	101260	IANR	00156.70	CEDAR FALLS	0	CLAY ST.	1162	1.5	.6	1.0	.7	.80	585.65
07	607608M	101320	IANR	00156.73	CEDAR FALLS	0	5TH ST.	1800	1.5	1.0	2.0	.7	.80	3024.00
07	607609U	101270	IANR	00156.75	CEDAR FALLS	0	FRANKLIN ST.	9110	1.5	.6	1.0	.7	.80	4591.44
07	607610N	136470	IANR	00156.80	CEDAR FALLS	0	ALLEY	50	1.5	1.0	1.0	.7	.80	999999.99
07	607611V	101280	IANR	00156.83	CEDAR FALLS	0	TREMONT ST.	1400	1.5	.6	1.0	.7	.80	705.60
07	607612C	101290	IANR	00156.85	CEDAR FALLS	0	4TH ST.	1400	1.5	.6	1.0	.7	.80	705.60
07	607613J	136480	IANR	00156.90	CEDAR FALLS	0	ALLEY	50	1.5	1.0	1.2	.7	.80	999999.99
07	607614R	101310	IANR	00156.93	CEDAR FALLS	0	3RD ST.	114	1.5	1.0	1.0	.7	.80	95.76
07	607615X	101300	IANR	00156.95	CEDAR FALLS	0	IOWA ST.	2200	.5	1.0	1.0	.7	.80	616.00

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07	607616E	101330	IANR	00156.97	CEDAR FALLS	0	2ND ST.	613	1.5	1.0	1.0	.7	.80	514.92
07	607617L	058380	IANR	00157.05	CEDAR FALLS	0	FIRST ST	13700	1.5	.6	1.0	.7	.80	6904.80
07	607625D	017060	IANR	00163.65	CEDAR FALLS	1	60E NW/C 16-90-14	600	1.5	.6	1.0	.7	.80	302.40
07	607627S	017050	IANR	00164.67	SHELL ROCK	1	40E NW/C 9-90-14	520	1.5	.6	1.0	.7	.80	262.08
07	607629F	017040	IANR	00165.65	SHELL ROCK	1	45E NW/C 4-90-14	230	1.5	1.0	1.0	.7	.80	193.20
09	607633V	067640	IANR	00167.85	SHELL ROCK	1	40E28S NW/C 29-91-14	102	1.5	1.0	1.0	.7	.80	85.68
06	607635J	063610	IANR	00114.03	SHELLSBURG	1	95E50S NW/C 5-84-9	69	1.5	1.0	1.0	.7	.80	57.96
06	607636R	063600	IANR	00115.20	SHELLSBURG	1	95S NW/C 32-85-09	14	1.5	1.0	1.0	.7	.80	11.76
06	607637X	063590	IANR	00115.78	SHELLSBURG	1	50E50S NW/C 31-85-09	14	1.5	1.0	1.0	.7	.80	11.76
06	607641M	063580	IANR	00117.50	VINTON	1	80S NW/C 25-85-10	40	1.5	1.0	1.0	.7	.80	33.60
06	607642U	063570	IANR	00118.58	VINTON	1	25E96S NW/C 23-85-10	1101	.5	.6	1.0	.7	.80	184.97
06	607644H	063560	IANR	00119.15	VINTON	1	75E75S NW/C 22-85-10	40	.5	1.0	1.0	.7	.80	11.20
06	607647D	123310	IANR	00120.45	VINTON	0	8TH AVE	7801	.5	.6	1.0	.7	.85	1392.48
06	607649S	123300	IANR	00120.60	VINTON	0	6TH AVE	577	.5	1.0	1.0	.7	.85	171.66
06	607650L	123270	IANR	00121.08	VINTON	0	2ND AVE	1544	.5	.6	1.0	.7	.80	259.39
06	607651T	123260	IANR	00121.13	VINTON	0	FIRST AVE	384	.5	.6	1.0	.7	.80	64.51
06	607652A	123250	IANR	00121.20	VINTON	0	A AVE	384	.5	1.0	1.0	.7	.80	107.52
06	607653G	123240	IANR	00121.28	VINTON	0	B AVE	384	.5	1.0	1.0	.7	1.00	134.40
06	607654N	081520	IANR	00121.33	VINTON	0	C AVE	3320	.5	.6	1.0	.7	1.00	697.20
06	607655V	123230	IANR	00121.40	VINTON	0	D AVE	384	1.5	1.0	1.0	.7	1.00	403.20
06	607656C	123210	IANR	00121.48	VINTON	0	E AVE	420	1.5	1.0	1.0	.7	.80	352.80
06	607657J	123220	IANR	00121.55	VINTON	0	6TH ST.	384	1.5	1.0	1.0	.7	.80	322.56
06	607658R	012380	IANR	00122.00	VINTON	0	4TH ST.	572	1.5	.6	1.0	.7	.80	288.29
06	607659X	123330	IANR	00122.08	VINTON	0	3RD ST.	1544	1.5	.6	1.0	.7	.80	778.13
06	607660S	123340	IANR	00122.20	VINTON	0	FIRST ST.	384	1.5	1.0	1.0	.7	.80	322.56



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
06	607661Y	063640	IANR	00122.50	VINTON	0	K AVE	208	1.5	1.0	1.2	.7	.80	209.66
06	607662F	063650	IANR	00124.23	VINTON	1	85E NW/C 7-85-10	98	1.5	1.0	1.2	.7	.80	98.78
06	607665B	063660	IANR	00126.00	MOUNT AUBURN	1	50S NW/C 31-86-10	131	1.5	1.0	1.0	.7	.80	110.04
06	607667F	063670	IANR	00126.43	MOUNT AUBURN	1	75E NW/C 36-86-11	36	1.5	1.0	1.0	.7	.80	30.24
06	607670X	002440	IANR	00128.08	MOUNT AUBURN	1	50S NW/C 24-86-11	23	1.5	1.0	1.2	.7	.80	23.18
06	607671E	063470	IANR	00128.68	MOUNT AUBURN	1	70E NW/C 23-86-11	177	1.5	.6	1.0	.7	.80	89.21
06	607672L	115640	IANR	00128.93	MOUNT AUBURN	0	EAST ST.	219	1.5	1.0	1.2	.7	.85	234.55
06	607673T	063480	IANR	00129.10	MOUNT AUBURN	0	LEWIS ST.	594	1.5	1.0	1.2	.7	.80	598.75
06	607674A	063490	IANR	00129.63	MOUNT AUBURN	1	10E25S NW/C 14-86-11	30	1.5	1.0	1.0	.7	.80	25.20
06	607676N	063500	IANR	00130.50	MOUNT AUBURN	1	50E50S NW/C 10-86-11	26	1.5	1.0	1.0	.7	.80	21.84
06	607677V	063510	IANR	00131.40	MOUNT AUBURN	1	90S NW/C 3-86-11	40	1.5	1.0	1.0	.7	.80	33.60
06	607680D	063520	IANR	00132.68	LA PORTE CITY	1	20S NW/C 4-86-11	15	1.5	1.0	1.0	.7	.80	12.60
06	607681K	063530	IANR	00132.85	LA PORTE CITY	1	90E NW/C 5-86-11	107	1.5	1.0	1.2	.7	.80	107.86
07	607684F	017790	IANR	00134.85	LA PORTE CITY	0	BISHOP AVE	132	1.5	1.0	1.2	.7	.85	141.37
07	607685M	112550	IANR	00135.00	LA PORTE CITY	0	SPRUCE ST.	219	1.5	1.0	1.0	.7	.85	195.46
12	607686U	019100	IANR	00188.87	GREENE	1	10E60S NW/C 7-93-16	50	1.5	1.0	1.2	.7	.80	50.40
12	607687B	013560	IANR	00189.37	GREENE	0	SOUTH ST	846	1.5	.6	1.0	.7	.80	426.38
12	607688H	125980	IANR	00189.83	GREENE	0	ROWLEY ST.	219	1.5	1.0	1.0	.7	.80	183.96
12	607689P	125970	IANR	00189.90	GREENE	0	TRAEER ST.	1299	1.5	.6	1.0	.7	.85	695.61
12	607690J	125960	IANR	00190.00	GREENE	0	DOWES ST.	219	1.5	1.0	1.0	.7	.85	195.46
12	607691R	125990	IANR	00190.07	GREENE	0	ELY ST.	380	1.5	1.0	1.0	.7	.85	339.15
12	607693E	019090	IANR	00190.83	GREENE	1	90E NW/C 2-93-17	210	1.5	1.0	1.2	.7	.80	211.68
34	607696A	027560	IANR	00192.13	GREENE	1	10E NW/C 35-94-17	14	1.5	1.0	1.0	.7	.80	11.76
34	607697G	027550	IANR	00192.30	GREENE	1	90S NW/C 26-94-17	29	1.5	1.0	1.2	.7	.80	29.23
34	607699V	027540	IANR	00193.30	MARBLE ROCK	1	49E NW/C 27-94-17	29	1.5	1.0	1.0	.7	.80	24.36

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
34	607701U	027530	IANR	00194.30	MARBLE ROCK	1	20S NW/C 22-94-17	17	1.5	1.0	1.2	.7	.80	17.14
34	607702B	027520	IANR	00194.50	MARBLE ROCK	1	90E NW/C 21-94-17	13	1.5	1.0	1.0	.7	.80	10.92
34	607703H	114160	IANR	00195.45	MARBLE ROCK	0	COLLEGE	210	1.5	1.0	1.0	.7	.80	176.40
34	607704P	012820	IANR	00195.67	MARBLE ROCK	0	BRADFORD ST.	1210	1.5	.1	1.0	.7	.85	107.99
34	607706D	027500	IANR	00196.25	MARBLE ROCK	1	98E50S NW/C 8-94-17	35	1.5	1.0	1.0	.7	.85	31.24
34	607707K	027490	IANR	00196.73	MARBLE ROCK	1	80E20S NW/C 8-94-17	25	1.5	1.0	1.2	.7	.80	25.20
34	607710T	027480	IANR	00198.07	MARBLE ROCK	1	90S NW/C 32-95-17	330	1.5	.6	1.2	.7	.80	199.58
34	607711A	027460	IANR	00198.87	MARBLE ROCK	1	60E25S NW/C 31-95-17	34	1.5	1.0	1.0	.7	.80	28.56
34	607714V	027450	IANR	00199.80	ROCKFORD	1	40S NW/C 30-95-17	60	1.5	1.0	1.2	.7	.80	60.48
34	607715C	066640	IANR	00200.33	ROCKFORD	1	85E NW/C 25-95-18	31	1.5	1.0	1.0	.7	.80	999999.99
34	607718X	027440	IANR	00201.56	ROCKFORD	1	10E NW/C 24-95-18	65	1.5	1.0	1.0	.7	.80	54.60
34	607719E	000990	IANR	00202.10	ROCKFORD	1	70E70S NW/C 14-95-18	165	1.5	.6	1.0	.7	.80	83.16
34	607720Y	119230	IANR	00202.87	ROCKFORD	0	SECOND ST. S.E.	113	1.5	1.0	1.0	.7	.80	94.92
34	607721F	119250	IANR	00203.00	ROCKFORD	0	FIRST ST.	219	1.5	1.0	1.0	.7	.80	183.96
34	607722M	119260	IANR	00203.10	ROCKFORD	0	SECOND ST.	219	1.5	1.0	1.0	.7	.80	183.96
34	607723U	119270	IANR	00203.20	ROCKFORD	0	THIRD ST. S.W.	219	1.5	1.0	1.0	.7	.80	183.96
34	607724B	119280	IANR	00203.25	ROCKFORD	0	FOURTH ST. S.W.	219	1.5	1.0	1.0	.7	.80	183.96
34	607725H	027430	IANR	00203.50	ROCKFORD	0	MAIN ST.	1424	1.5	.6	1.2	.7	.80	861.24
34	607726F	027420	IANR	00203.60	ROCKFORD	0	8TH ST. NW	219	1.5	1.0	1.0	.7	.85	195.46
34	607727W	027410	IANR	00204.15	ROCKFORD	1	51S NW/C 10-95-18	25	1.5	1.0	1.2	.7	.80	25.20
34	607728D	027400	IANR	00204.17	ROCKFORD	1	99E50S NW/C 9-95-18	50	1.5	1.0	1.2	.7	.80	50.40
34	607730E	027390	IANR	00204.85	ROCKFORD	1	50E NW/C 9-95-18	50	1.5	1.0	1.0	.7	.80	42.00
34	607731L	027380	IANR	00206.00	ROCKFORD	1	75E35S NW/C 5-95-18	20	1.5	1.0	1.2	.7	.80	20.16
34	607732T	027370	IANR	00206.27	ROCKFORD	1	51E NW/C 5-95-18	30	1.5	.6	1.0	.7	.80	999999.99
34	607734G	027360	IANR	00207.40	NORA SPRINGS	1	10E NW/C 32-96-18	95	1.5	1.0	1.0	.7	.80	79.80

EXPOSURE INDEX LIST BY FRA NUMBER

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34	607735N	027350	IANR	00208.90	NORA SPRINGS	1	10E50S NW/C 20-96-18	27	1.5	1.0	1.0	.7	.80	22.68
48	607737C	067480	IAIS	00267.10	MARENGO	1	EASTERN AVENUE	2130	6.0	.1	1.0	.9	.85	977.67
48	607738J	013310	IAIS	00267.87	MARENGO	1	WESTERN AVE.	2000	6.0	.6	1.0	.9	.85	5508.00
48	607739R	067490	IAIS	00268.97	MARENGO	1	20E45S NW/C 35-81-11	44	6.0	1.0	1.0	.9	.80	190.06
48	607741S	067500	IAIS	00270.37	MARENGO	1	NW/C 3-80-11	30	6.0	1.0	1.0	.9	.80	129.60
48	607743F	067510	IAIS	00271.47	LADORA	1	50S NW/C 4-80-11	5	6.0	1.0	1.0	.9	.80	21.60
48	607744M	067520	IAIS	00272.02	LADORA	1	50E65S NW/C 5-80-11	25	6.0	1.0	1.0	.9	.80	108.00
48	607745U	067530	IAIS	00272.60	LADORA	1	85S NW/C 5-80-11	29	6.0	1.0	1.0	.9	.80	125.28
48	607746B	045100	IAIS	00273.62	LADORA	0	GRANT	120	6.0	.1	1.0	.9	.85	55.08
48	607747H	084170	IAIS	00273.95	LADORA	0	PINE	558	6.0	.1	1.0	.9	.85	256.12
48	607748P	002750	IAIS	00274.75	LADORA	1	60S NW/C 12-80-12	80	6.0	1.0	1.0	.9	.80	345.60
48	607749W	067550	IAIS	00275.77	LADORA	1	90S NW/C 11-80-12	105	6.0	1.0	1.0	.9	.80	453.60
48	607751X	047860	IAIS	00276.85	VICTOR	1	25S NW/C 15-80-12	55	6.0	1.0	1.0	.9	.80	237.60
48	607756G	084160	IAIS	00279.95	VICTOR	0	WASHINGTON STREET	1299	6.0	.1	1.0	.9	.85	596.24
48	607757N	013300	IAIS	00280.00	VICTOR	1	NW/C 19-80-12	820	6.0	.1	1.0	.9	.85	376.36
79	607759C	044850	IAIS	00281.00	VICTOR	1	20S NW/C 24-80-13	37	6.0	1.0	1.0	.9	.80	159.84
79	607760W	044840	IAIS	00282.00	VICTOR	1	30S NW/C 23-80-13	59	6.0	1.0	1.0	.9	.80	254.88
79	607761D	044830	IAIS	00283.02	VICTOR	1	20S NW/C 22-80-13	690	6.0	.6	1.0	.9	.80	1788.48
79	607764Y	044820	IAIS	00284.50	BROOKLYN	1	53E02S NW/C 20-80-13	52	6.0	1.0	1.2	.9	.80	269.57
79	607765F	044810	IAIS	00285.02	BROOKLYN	1	NW/C 20-80-13	50	6.0	1.0	1.0	.9	.80	216.00
79	607766M	044800	IAIS	00286.57	BROOKLYN	1	50E05S NW/C 24-80-14	35	6.0	1.0	1.0	.9	.80	151.20
79	607768B	044790	IAIS	00287.35	BROOKLYN	0	MILLS STREET	392	6.0	1.0	1.0	.9	.85	1799.28
57	607824F	100880	CIC	00000.27	CEDAR RAPIDS	0	A ST.	400	.5	1.0	.0	.7	.75	99999.99
57	607825M	090170	CIC	00000.52	CEDAR RAPIDS	0	1ST ST. NR 10TH AVE.	9872	.5	.6	1.0	.7	.85	1762.15
57	607826U	132090	CIC	00000.57	CEDAR RAPIDS	0	20TH AVE S.W.	80	.5	1.0	1.0	.7	.75	99999.99



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57	607827B	132120	CIC	00000.73	CEDAR RAPIDS	0	16TH AVE. S.W.	5220	.5	1.0	1.0	.7	.75	999999.99
57	607833E	100460	CNW	00096.73	CEDAR RAPIDS	0	12TH AVE SE	1501	.5	.6	1.0	.7	.85	267.93
57	607834L	100450	CNW	00096.80	CEDAR RAPIDS	0	11TH AVE SE	168	1.5	.6	1.0	.7	.85	89.96
57	607835T	100430	CNW	00096.85	CEDAR RAPIDS	0	10TH AVE. SE	372	1.5	.6	1.0	.7	.85	199.21
57	607836A	100420	CNW	00096.93	CEDAR RAPIDS	0	9TH AVE. SE	329	1.5	.6	1.0	.7	.85	176.18
57	607837G	045090	CNW	00097.03	CEDAR RAPIDS	0	8TH AVE. SE	8500	1.5	.1	1.0	.7	.85	758.63
57	607838N	100410	CNW	00097.10	CEDAR RAPIDS	0	7TH AVE. SE	650	1.5	.6	1.0	.7	.85	348.08
57	607839V	100400	CNW	00097.15	CEDAR RAPIDS	0	6TH AVE. SE	1110	1.5	.6	1.0	.7	.85	594.41
57	607840P	100390	CNW	00097.23	CEDAR RAPIDS	0	5TH AVE. SE	3772	1.5	.6	1.0	.7	.85	2019.91
57	607841W	092500	CNW	00097.33	CEDAR RAPIDS	0	4TH AVE. SE	4072	1.5	.6	1.0	.7	.85	2180.56
57	607842D	100380	CNW	00097.40	CEDAR RAPIDS	0	3RD AVE SE	12064	1.5	.6	1.0	.7	.85	6460.27
57	607843K	136530	CNW	00097.43	CEDAR RAPIDS	0	ALLEY BTW 2&3 AVE SE	50	1.5	.6	1.0	.7	.85	999999.99
57	607844S	100370	CNW	00097.47	CEDAR RAPIDS	0	2ND AVE	10451	1.5	.6	1.0	.7	.85	5596.51
57	607845Y	136540	CNW	00097.50	CEDAR RAPIDS	0	ALLEY BTW 1&2 AVE SE	50	1.5	1.0	1.0	.7	.85	44.63
57	607846F	100360	CNW	00097.55	CEDAR RAPIDS	0	FIRST AVE NE	20100	1.5	.6	1.0	.7	.85	10763.55
57	607849B	100110	CNW	00000.04	CEDAR RAPIDS	0	SHAVER ROAD	900	.5	1.0	1.0	.7	.85	267.75
57	607850V	100100	CNW	00000.10	CEDAR RAPIDS	0	12TH ST.??	600	.5	1.0	1.0	.7	.75	157.50
57	607851C	090690	CNW	00000.19	CEDAR RAPIDS	0	CENTER POINT ROAD	13200	.5	1.0	1.0	.7	.75	3465.00
57	607852J	100150	CNW	00000.30	CEDAR RAPIDS	0	OAKLAND ROAD	11275	.5	1.0	1.0	.7	.75	2959.69
57	607855E	132040	CNW	00099.67	CEDAR RAPIDS	0	J AVE NE	3100	1.5	1.0	1.0	.8	.80	2976.00
57	607858A	074340	IANR	00102.15	CEDAR RAPIDS	1	50E 95S NW/C 1-83-8	558	1.5	1.0	1.0	.7	.80	468.72
57	607865K	074350	IANR	00106.17	PALO	1	30E NW/C 33-84-8	200	1.5	1.0	1.0	.7	.80	168.00
57	607866S	134680	IANR	00106.17	PALO	1	30E 98S NW/C 28-84-8	140	1.5	1.0	1.0	.7	.80	117.60
57	607867Y	074360	IANR	00106.53	PALO	1	10E 75S NW/C 28-84-8	15	1.5	1.0	1.0	.7	.85	13.39
57	607868F	039930	IANR	00106.93	PALO	0	FIRST ST.	840	1.5	.6	1.0	.7	.85	449.82

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57	607869M	074370	IANR	00107.55	PALO	1	30E NW/C 29-84-8	320	1.5	1.0	1.2	.7	.80	322.56
57	607870G	074380	IANR	00107.77	PALO	1	35E 95S NW/C 20-84-8	240	1.5	1.0	1.0	.7	.80	201.60
77	607873C	047540	IAIS	00350.70	DES MOINES	1	45S NW/C 35-79-23	3740	6.5	.1	1.2	.7	.80	1633.63
77	607875R	047520	IAIS	00349.80	DES MOINES	1	42E79S NW/C 26-79-23	113	6.5	1.0	1.0	.7	.80	411.32
77	607876X	047500	IAIS	00348.00	ALTOONA	1	05S NW/C 24-79-23	1370	6.5	.1	1.2	.7	.80	598.42
77	607878L	097740	IAIS	00347.10	ALTOONA	0	FIFTH AVE.	783	6.5	.1	1.2	.7	.80	342.01
77	607879T	047420	IAIS	00346.90	ALTOONA	0	1ST AVE N	5050	6.5	.1	1.0	.9	1.00	2954.25
77	607880M	047400	IAIS	00345.87	ALTOONA	1	85E NW/C 18-79-22	180	6.5	1.0	1.2	.9	.80	1010.88
77	607882B	047370	IAIS	00344.32	ALTOONA	1	03S NW/C 9-79-22	10	6.5	1.0	1.2	.9	.80	56.16
77	607883H	047360	IAIS	00343.27	MITCHELLVILLE	1	73S NW/C 3-79-22	30	6.5	1.0	1.0	.9	.80	140.40
77	607884P	047350	IAIS	00342.25	MITCHELLVILLE	1	88S NW/C 2-79-22	5	6.5	1.0	1.0	.9	.80	23.40
77	607885W	000250	IAIS	00341.45	MITCHELLVILLE	1	80E05S NW/C 11-79-22	52	6.5	1.0	1.0	.9	.80	243.36
77	607886D	047330	IAIS	00341.12	MITCHELLVILLE	1	COTTON AVE	490	6.5	1.0	1.2	.9	.80	2751.84
77	607887K	091580	IAIS	00340.90	MITCHELLVILLE	0	ELM AVENUE N.W.	392	6.5	.1	1.0	.9	.80	183.46
77	607889Y	039010	IAIS	00340.62	MITCHELLVILLE	0	CENTER AVENUE SO.	2100	6.5	.1	1.0	.9	.85	1044.23
77	607890T	115230	IAIS	00340.40	MITCHELLVILLE	0	1ST ST NE	219	6.5	1.0	1.0	.9	.85	1086.98
50	607891A	064850	IAIS	00340.07	MITCHELLVILLE	1	45S NW/C 7-79-21	82	6.5	1.0	1.0	.9	.80	383.76
50	607892G	064840	IAIS	00339.05	MITCHELLVILLE	1	40S NW/C 8-79-21	35	6.5	1.0	1.0	.9	.80	163.80
50	607893N	064830	IAIS	00338.05	MITCHELLVILLE	1	50S NW/C 9-79-21	37	6.5	1.0	1.0	.9	.80	173.16
50	607895C	064820	IAIS	00337.00	COLFAX	1	20S NW/C 10-79-21	12	6.5	1.0	1.0	.9	.80	56.16
50	607896J	064810	IAIS	00335.99	COLFAX	1	75E NW/C 10-79-21	119	6.5	1.0	1.0	.9	.80	556.92
06	607897R	123200	IANR	00023.57	VINTON	0	F AVE	384	1.0	1.0	1.0	.7	.80	215.04
06	607898X	123190	IANR	00023.62	VINTON	0	G AVE	384	1.0	1.0	1.0	.7	.80	215.04
06	607900W	123180	IANR	00023.83	VINTON	0	I AVE	384	1.0	1.0	1.0	.7	.80	215.04
06	607901D	123170	IANR	00023.91	VINTON	0	H ST.	783	1.0	1.0	1.0	.7	.80	438.48

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
06	607902K	095980	IANR	00023.94	VINTON	0	K AVE	2420	1.0	.6	1.0	.7	.80	813.12
06	607907U	063360	IANR	00026.30	VINTON	1	60S NW/C 19-85-10	55	1.0	.6	1.0	.7	.80	999999.99
06	607913X	138760	IANR	00027.69	GARRISON	1	85E20S NW/C 27-85-11	98	1.0	1.0	2.0	.7	.80	109.76
06	607915L	063380	IANR	00028.60	GARRISON	1	60S NW/C 27-85-11	60	1.0	1.0	1.0	.7	.80	33.60
06	607917A	063390	IANR	00029.43	GARRISON	0	SPRUCE AVE.	392	1.0	1.0	1.0	.7	.80	219.52
06	607918G	110570	IANR	00029.69	GARRISON	0	SYCAMORE AVE.	878	1.0	1.0	1.0	.7	.85	522.41
06	607920H	063400	IANR	00031.00	GARRISON	1	80E NW/C 30-85-11	35	1.0	1.0	1.2	.7	.80	23.52
06	607922W	063410	IANR	00032.06	GARRISON	1	50S NW/C 19-85-11	20	1.0	1.0	1.0	.7	.80	11.20
06	607923D	063420	IANR	00032.71	GARRISON	1	50E NW/C 24-85-12	40	1.0	1.0	1.2	.7	.80	26.88
06	607926Y	063430	IANR	00034.37	DYSART	1	50S NW/C 14-85-12	7	1.0	1.0	1.0	.7	.80	3.92
06	607927F	063440	IANR	00035.37	DYSART	1	50S NW/C 15-85-12	20	1.0	1.0	1.0	.7	.80	11.20
06	607929U	063450	IANR	00036.40	DYSART	1	70S NW/C 16-85-12	29	1.0	1.0	1.0	.7	.80	16.24
06	607932C	063460	IANR	00037.37	DYSART	1	70S NW/C 17-85-12	25	.5	1.0	1.0	.7	.80	7.00
57	607933J	074390	IANR	00109.25	PALO	1	90S NW/C 18-84-8	110	1.5	1.0	1.0	.7	.80	92.40
06	607937L	132360	IANR	00111.25	SHELLSBURG	0	PEARL ST.	3160	1.5	.6	1.0	.7	.80	1592.64
06	607938T	126910	IANR	00111.37	SHELLSBURG	0	RAILROAD ST.	219	1.5	1.0	1.0	.7	.85	195.46
06	607939A	120290	IANR	00111.50	SHELLSBURG	0	CANTON ST.	558	1.5	.1	1.0	.7	.85	49.80
06	607941B	120300	IANR	00111.77	SHELLSBURG	0	TAYLOR ST.	219	1.5	1.0	1.0	.7	.80	183.96
06	607942H	012370	IANR	00111.85	SHELLSBURG	0	MAIN ST	1099	1.5	.6	1.2	.7	.80	664.68
06	607943P	063630	IANR	00112.40	SHELLSBURG	1	25E60S NW/C 10-84-09	95	1.5	1.0	1.0	.7	.80	79.80
50	607948Y	009260	IAIS	00334.45	COLFAX	0	N. WALNUT STREET	4170	6.5	.1	1.0	.9	.85	2073.53
50	607951G	064800	IAIS	00330.90	COLFAX	1	50E 99S NW/C 4-79-20	91	6.5	1.0	1.0	.9	.80	425.88
50	607953V	064790	IAIS	00329.15	COLFAX	1	30E 35SNW/C 11-79-20	56	6.5	1.0	1.0	.9	.80	262.08
50	607954C	064780	IAIS	00328.47	NEWTON	1	95E 50SNW/C 11-79-20	100	6.5	.6	1.0	.9	.80	280.80
50	607958E	064770	IAIS	00327.57	NEWTON	1	75E 75SNW/C 12-79-20	34	6.5	1.0	1.0	.9	.80	159.12



## EXPOSURE INDEX LIST BY FRA NUMBER

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50	607961M	064760	IAIS	00326.75	NEWTON	1	50E 60S NW/C 7-79-19	62	6.5	1.0	1.0	.9	.80	290.16
50	607964H	064750	IAIS	00325.35	NEWTON	1	50E90S NW/C 5-79-19	180	6.5	1.0	1.0	.9	.80	842.40
50	607966W	064740	IAIS	00324.65	NEWTON	1	60E NW/C 5-79-19	85	6.5	1.0	1.0	.9	.80	397.80
50	607969S	116490	IAIS	00323.32	NEWTON	0	W. 11TH STREET N.	566	6.5	1.0	1.0	.7	.85	2189.01
50	607970L	116500	IAIS	00323.27	NEWTON	0	W. 10TH STREET N.	566	6.5	1.0	1.0	.7	.85	2189.01
50	607972A	084190	IAIS	00322.80	NEWTON	0	W. 4TH STREET N.	2950	6.5	.1	1.0	.7	.85	1140.91
50	607974N	084180	IAIS	00322.50	NEWTON	0	N. 8TH AVENUE	3000	6.5	.1	1.2	.7	.85	1392.30
50	607975V	114380	IAIS	00322.30	NEWTON	0	E. 5TH STREET N.	566	6.5	1.0	1.0	.7	.85	2189.01
50	607976C	114390	IAIS	00322.20	NEWTON	0	E. 6TH STREET N.	48	6.5	1.0	1.0	.7	.85	185.64
50	607977J	115220	IAIS	00322.07	NEWTON	0	E. 7TH STREET N.	296	6.5	1.0	1.0	.7	.85	1144.78
50	607978R	115260	IAIS	00322.00	NEWTON	0	E. 8TH STREET N.	2975	6.5	.1	1.0	.7	.85	1150.58
50	607979X	064730	IAIS	00321.25	NEWTON	0	N. 19TH AVENUE E.	2340	6.5	.1	1.0	.7	.85	905.00
50	607980S	064720	IAIS	00320.92	NEWTON	1	50E 65SNW/C 23-80-19	100	6.5	1.0	1.0	.9	.85	497.25
50	607982F	064700	IAIS	00319.42	NEWTON	1	50E 75SNW/C 13-80-19	20	6.5	1.0	1.2	.9	.80	112.32
50	607983M	064690	IAIS	00318.95	NEWTON	1	50S NW/C 12-80-18	110	6.5	.6	1.0	.9	.80	308.88
50	607984U	064680	IAIS	00318.20	NEWTON	1	75E 70SNW/C 18-80-18	29	6.5	1.0	1.0	.9	.80	135.72
50	607985B	064670	IAIS	00317.97	NEWTON	1	75S NW/C 17-80-18	47	6.5	1.0	1.0	.9	.80	219.96
79	607986H	132000	IAIS	00287.97	BROOKLYN	0	ORCHARD STREET	552	6.0	1.0	1.0	.9	.85	2561.22
79	607989D	044780	IAIS	00289.50	BROOKLYN	1	80E NW/C 28-80-14	25	6.0	1.0	1.2	.9	.80	129.60
79	607990X	044770	IAIS	00291.42	MALCOM	1	70S NW/C 29-80-14	10	6.0	1.0	1.0	.9	.80	43.20
79	607991E	044760	IAIS	00292.45	MALCOM	1	90S NW/C 30-80-14	5	6.0	1.0	1.0	.9	.80	21.60
79	607994A	044750	IAIS	00293.92	MALCOM	0	WEBSTER ST.	400	6.0	.6	1.0	.9	.85	1101.60
79	607996N	044740	IAIS	00294.52	MALCOM	1	51S NW/C 26-80-15	49	6.0	1.0	1.0	.9	.80	211.68
92	608001R	025480	KEWH	00249.75	WASHINGTON	1	30S NW/C 18-75-7	4200	1.0	.6	1.0	.7	.80	1411.20
92	608004L	074910	KEWH	00252.50	WEST CHESTER	1	55E 99S NW/C 3-75-8	10	1.0	1.0	1.0	.7	.80	5.60

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92	608005T	074900	KEWH	00253.17	WEST CHESTER	1	80S NW/C 3-75-8	24	1.0	1.0	1.0	.7	.80	13.44
52	608006A	068510	IAIS	00242.02	TIFFIN	1	12E 65S NW/C 36-80-7	150	6.0	.6	1.0	.9	.80	388.80
52	608012D	068520	IAIS	00243.85	TIFFIN	1	50E 90S NW/C 27-80-7	100	6.0	1.0	1.0	.9	.80	999999.99
52	608015Y	068530	IAIS	00244.87	TIFFIN	0	RAILROAD ST	234	6.0	.6	1.0	.9	.80	606.53
52	608016F	068540	IAIS	00246.07	TIFFIN	1	25E 90S NW/C 29-80-7	100	6.0	1.0	1.0	.9	.80	432.00
52	608017M	068550	IAIS	00246.70	TIFFIN	1	70E 85S NW/C 30-80-7	100	6.0	.6	1.0	.9	.80	259.20
52	608021C	068560	IAIS	00248.95	OXFORD	1	75E 79S NW/C 23-80-7	10	6.0	1.0	1.0	.9	.80	43.20
52	608026L	068570	IAIS	00250.95	OXFORD	1	75E 90S NW/C 21-80-8	1520	6.0	.6	1.0	.9	.80	3939.84
52	608027T	053260	IAIS	00251.65	OXFORD	0	AUGUSTA STREET	1600	6.0	.1	1.0	.9	.85	734.40
52	608030B	068590	IAIS	00254.80	OXFORD	1	45S NW/C 7-80-8	53	6.0	1.0	1.2	.9	.80	274.75
48	608032P	067450	IAIS	00256.02	AMANA	1	75E10S NW/C 11-80-9	410	6.0	1.0	1.0	.9	.80	1771.20
48	608033W	067460	IAIS	00256.90	AMANA	1	90S NW/C 2-80-9	2840	6.0	.6	1.0	.9	.80	7361.28
48	608040G	131530	IAIS	00260.95	MARENGO	1	95S NW/C 31-81-9	5	6.0	1.0	1.0	.9	.80	21.60
48	608042V	013320	IAIS	00261.97	MARENGO	1	97E70S NW/C 35-81-10	1680	6.0	.6	1.0	.9	.80	4354.56
52	608051U	007050	CIC	00028.36	IOWA CITY	1	NW/C 34-79-6	40	4.0	1.0	1.0	.8	.80	102.40
52	608057K	134210	CIC	00026.75	IOWA CITY	0	SO. RIVERSIDE DR	1247	1.0	1.0	1.0	.7	.85	999999.99
63	608058S	069200	IAIS	00127.50	MONROE	1	50S NW/C 9-77-19	35	1.0	1.0	1.0	.8	.80	22.40
50	608059Y	115370	IAIS	00128.83	MONROE	0	MILL ST.	120	1.0	1.0	1.2	.8	.85	97.92
50	608060T	013410	IAIS	00128.87	MONROE	0	MONROE ST	4040	1.0	.1	1.2	.8	.85	329.66
50	608061A	115360	IAIS	00128.97	MONROE	0	COMMERCE	800	1.0	1.0	1.2	.8	.85	652.80
50	608062G	115350	IAIS	00129.00	MONROE	0	AMERICAN ST	1500	1.0	1.0	1.2	.8	.85	1224.00
50	608063N	115340	IAIS	00129.07	MONROE	0	MARION ST.	2590	1.0	1.0	1.2	.8	.85	2113.44
50	608064V	115330	IAIS	00129.17	MONROE	0	WASHINGTON ST.	1150	1.0	1.0	1.2	.8	.80	883.20
50	608065C	115320	IAIS	00129.40	MONROE	0	LINCOLN ST.	370	1.0	1.0	1.0	.8	.80	236.80
50	608068X	069160	IAIS	00130.23	MONROE	1	25E NW/C 25-78-20	60	1.0	1.0	1.0	.8	.80	38.40

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50	608070Y	069150	IAIS	00131.90	MONROE	1	20E NW/C 23-78-20	35	1.0	1.0	1.2	.8	.80	26.88
50	608071F	069140	IAIS	00132.07	MONROE	1	80S NW/C 14-78-20	22	1.0	1.0	1.2	.8	.80	16.90
50	608073U	069130	IAIS	00133.23	MONROE	1	05E NW/C 15-78-20	10	1.0	1.0	1.2	.8	.80	7.68
50	608074B	069120	IAIS	00133.30	MONROE	1	95S NW/C 10-78-20	50	1.0	1.0	1.2	.8	.80	38.40
50	608076P	069110	IAIS	00134.70	PRAIRIE CITY	1	10S NW/C 9-78-20	27	1.0	1.0	1.2	.8	.80	20.74
50	608077W	069100	IAIS	00134.87	PRAIRIE CITY	1	90E NW/C 8-78-20	400	1.0	.6	1.2	.8	.80	184.32
50	608079K	069090	IAIS	00135.93	PRAIRIE CITY	1	35S NW/C 5-78-20	8	1.0	1.0	1.2	.8	.80	6.14
50	608082T	002630	IAIS	00136.83	PRAIRIE CITY	1	20E 20S NW/C 6-78-20	36	1.0	1.0	2.0	.8	.80	46.08
50	608085N	013430	IAIS	00137.93	PRAIRIE CITY	0	STATE ST	2170	1.0	.6	1.0	.8	.80	833.28
50	608086V	118870	IAIS	00138.00	PRAIRIE CITY	0	MARSHALL ST.	219	1.0	1.0	1.0	.8	.80	140.16
50	608087C	118860	IAIS	00138.03	PRAIRIE CITY	0	MAIN ST.	219	1.0	1.0	1.0	.8	.85	148.92
50	608089R	118850	IAIS	00138.10	PRAIRIE CITY	0	MONROE ST.	219	1.0	1.0	1.0	.8	.85	148.92
50	608090K	118840	IAIS	00138.17	PRAIRIE CITY	0	MADISON ST.	392	1.0	1.0	1.0	.8	.85	266.56
50	608091S	118830	IAIS	00138.23	PRAIRIE CITY	0	WEST ST.	200	1.0	1.0	1.0	.8	.85	136.00
50	608094M	004220	IAIS	00139.40	PRAIRIE CITY	1	65E NW/C 3-78-21	140	1.0	1.0	1.2	.8	.80	107.52
50	608096B	069080	IAIS	00140.23	PRAIRIE CITY	1	30S NW/C 35-79-21	55	1.0	1.0	1.2	.8	.80	42.24
50	608097H	069070	IAIS	00140.60	PRAIRIE CITY	1	80E NW/C 34-79-21	10	1.0	1.0	1.2	.8	.80	7.68
32	608099W	091780	CNW	00206.96	ESTHERVILLE	0	CENTRAL	8260	.5	.1	1.0	.7	.85	245.74
32	608100N	109260	CNW	00207.04	ESTHERVILLE	0	1ST AVE N.	150	.5	1.0	1.0	.7	.85	44.63
32	608101V	109270	CNW	00207.19	ESTHERVILLE	0	N END ST	420	.5	1.0	1.2	.7	.80	141.12
32	608102C	109280	CNW	00207.49	ESTHERVILLE	0	W. NORTH 2ND ST	100	.5	1.0	1.2	.7	.80	33.60
32	608104R	096140	CNW	00208.00	ESTHERVILLE	1	40E NW/C 10-99-34	123	.5	1.0	1.0	.7	.80	34.44
32	608105X	000830	CNW	00209.96	ESTHERVILLE	1	99S NW/C 4-99-34	71	.5	1.0	1.0	.8	.80	22.72
32	608108T	066210	CNW	00211.98	SUPERIOR	1	60S NW/C 6-99-34	100	.5	1.0	1.2	.8	.80	36.40
30	608110U	077230	CNW	00213.08	SUPERIOR	1	04E NW/C 1-99-35	310	.5	1.0	2.0	.8	.80	198.40



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30	608112H	136010	CNW	00213.39	SUPERIOR	0	4TH ST	392	.5	1.0	1.0	.8	.80	125.44
30	608113P	077270	CNW	00213.63	SUPERIOR	1	77E94S NWC 35-100-35	76	.5	1.0	1.0	.8	.85	25.84
30	608114W	002660	CNW	00214.06	SUPERIOR	1	81S NW/C 35-100-35	276	.5	1.0	1.0	.8	.80	88.32
30	608116K	077240	CNW	00215.14	SUPERIOR	1	86S NW/C 34-100-35	71	.5	1.0	1.0	.8	.80	22.72
30	608118Y	010620	CNW	00216.41	SUPERIOR	1	90S NW/C 33-100-35	960	.5	.6	1.0	.8	.80	184.32
30	608120A	077250	CNW	00217.26	SUPERIOR	1	44S NW/C 32-100-35	29	.5	1.0	1.0	.8	.80	9.28
30	608121G	077260	CNW	00218.21	SUPERIOR	1	29S NW/C 31-100-35	35	.5	1.0	1.0	.8	.80	11.20
30	608125J	077280	CNW	00219.26	ORLEANS	1	28S NW/C 36-100-36	58	.5	1.0	1.0	.8	.80	18.56
30	608127X	077290	CNW	00221.00	ORLEANS	1	50E90S NWC 27-100-36	104	.5	1.0	1.0	.8	.80	33.28
30	608128E	004610	CNW	00221.55	ORLEANS	0	E. OKOBOJI DR.	558	.5	1.0	1.0	.8	.80	178.56
30	608129L	012650	CNW	00221.85	ORLEANS	1	ORLEANS PARKWAY	2250	.5	.6	1.0	.8	.80	432.00
30	608130F	135090	CNW	00222.98	SPIRIT LAKE	0	10TH ST.	208	.5	1.0	1.0	.8	.80	66.56
30	608131M	135100	CNW	00223.14	SPIRIT LAKE	0	12TH ST.	384	.5	1.0	1.0	.8	.80	122.88
30	608132U	000270	CNW	00223.28	SPIRIT LAKE	0	13TH ST.	384	.5	1.0	1.0	.8	.80	122.88
30	608133B	135110	CNW	00223.43	SPIRIT LAKE	0	15TH ST.	1470	.5	1.0	1.0	.8	.85	499.80
30	608134H	135120	CNW	00223.54	SPIRIT LAKE	0	MEMPHIS AVE	1280	.5	1.0	1.0	.8	.85	435.20
30	608135P	006540	CNW	00223.89	SPIRIT LAKE	1	76E33S NW/C 5-99-36	888	.5	1.0	1.2	.8	.80	340.99
30	608142A	077310	CNW	00226.66	LAKE PARK	1	66S NW/C 36-100-37	19	.5	1.0	1.0	.8	.80	6.08
30	608144N	077320	CNW	00227.24	LAKE PARK	1	50E42S NWC 35-100-37	960	.5	.6	1.0	.8	.80	184.32
30	608145V	006550	CNW	00228.39	LAKE PARK	1	40E18S NWC 34-100-37	120	.5	1.0	1.0	.8	.85	40.80
30	608147J	000470	CNW	00229.31	LAKE PARK	1	50E NW/C 33-100-37	60	.5	1.0	2.0	.8	.80	38.40
30	608149X	077330	CNW	00230.96	LAKE PARK	1	68S NW/C 29-100-37	55	.5	1.0	1.0	.8	.80	17.60
30	608153M	077340	CNW	00231.94	LAKE PARK	1	82S NW/C 30-100-37	16	.5	1.0	1.0	.8	.80	5.12
30	608155E	077350	CNW	00232.94	LAKE PARK	1	82S NW/C 25-100-38	51	.5	1.0	1.0	.6	.80	16.32
30	608157P	006560	CNW	00233.85	LAKE PARK	1	73S NW/C 26-100-38	160	.5	1.0	1.0	.8	.80	51.20

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
33	608158W	011000	CNW	00234.80	LAKE PARK	0	MARKET ST.	1970	.5	1.0	1.0	.8	.85	669.80
30	608159D	112330	CNW	00234.98	LAKE PARK	0	W. 3RD	558	.5	1.0	1.0	.8	.85	189.72
30	608415S	077400	CNW	00237.19	LAKE PARK	1	58S NW/C 29-100-38	65	.5	1.0	1.0	.8	.80	20.80
30	608416M	077410	CNW	00238.17	LAKE PARK	1	85S NW/C 30-100-38	10	.5	1.0	1.0	.8	.80	3.20
72	608420N	039840	CNW	00239.20	SIBLEY	1	99S NW/C 25-100-39	15	.5	1.0	1.0	.8	.80	4.80
72	608423J	014360	CNW	00240.53	HARRIS	0	MAIN ST.	630	.5	1.0	1.0	.8	.85	214.20
72	608424R	039830	CNW	00241.17	HARRIS	1	19S NW/C 34-100-39	35	.5	1.0	1.0	.8	.80	11.20
72	608425X	039820	CNW	00242.21	HARRIS	1	21S NW/C 33-100-39	40	.5	1.0	1.0	.8	.80	12.80
72	608426E	039810	CNW	00243.53	HARRIS	1	45E73S NW/C 31-100-39	15	.5	1.0	1.0	.8	.80	4.80
72	608429A	009190	CNW	00244.32	HARRIS	1	95E NW/C 1-99-40	1110	.5	.6	1.2	.8	.80	255.74
72	608431B	014350	CNW	00245.92	OCHEYEDAN	0	MAIN ST.	1390	.5	.6	1.0	.8	.85	283.56
72	608432H	116820	CNW	00246.08	OCHEYEDAN	0	PINE ST.	400	.5	1.0	1.0	.8	.80	128.00
72	608433P	039800	CNW	00246.16	OCHEYEDAN	0	SECOND	170	.5	1.0	1.2	.8	.80	65.28
72	608434W	039790	CNW	00246.35	OCHEYEDAN	1	07S NW/C 11-99-40	70	.5	1.0	1.0	.8	.80	22.40
72	608438Y	039780	CNW	00248.70	OCHEYEDAN	1	45S NW/C 9-99-40	10	.5	1.0	1.0	.8	.80	3.20
72	608440A	039770	CNW	00250.70	OCHEYEDAN	1	18S NW/C 7-99-40	5	.5	1.0	1.0	.8	.80	1.60
72	608443V	007800	CNW	00251.71	SIBLEY	1	30S NW/C 12-99-41	670	.5	.6	1.0	.8	.85	136.68
72	608445J	039760	CNW	00252.71	SIBLEY	1	51S NW/C 11-99-41	20	.5	1.0	1.0	.8	.80	6.40
72	608446R	039750	CNW	00253.77	SIBLEY	1	51S NW/C 10-99-41	5	.5	1.0	1.0	.8	.80	1.60
72	608447X	132980	CNW	00254.88	SIBLEY	1	95S NW/C 9-99-41	10	.5	1.0	1.0	.8	.80	3.20
72	608448E	003150	CNW	00254.97	SIBLEY	1	94E NW/C 17-99-41	758	.5	.6	1.2	.8	.80	174.64
72	608450F	039740	CNW	00256.02	SIBLEY	1	45S NW/C 17-99-41	40	.5	1.0	1.0	.8	.80	12.80
72	608451M	039500	CNW	00256.98	SIBLEY	1	54S NW/C 18-99-41	530	.5	1.0	1.0	.8	.80	169.60
72	608452U	140350	CNW	00257.11	SIBLEY	0	8TH AVE	350	.5	1.0	1.0	.7	.85	104.13
72	608453B	133000	CNW	00257.46	SIBLEY	0	FOURTH AVE.	577	.5	1.0	1.0	.7	.85	171.66

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
72	608454H	133010	CNW	00257.53	SIBLEY	0	THIRD AVE.	577	.5	1.0	1.0	.7	.85	171.66
72	608455P	014340	CNW	00257.59	SIBLEY	0	SECOND AVE.	3840	.5	.6	1.0	.7	.85	685.44
32	608512B	094050	CNW	00000.21	ESTHERVILLE	0	S. 12TH ST.	244	.5	1.0	1.0	.8	.80	78.08
32	608513H	134290	CNW	00001.38	ESTHERVILLE	1	50S NW/C 13-99-34	90	.5	1.0	1.0	.8	.80	28.80
32	608515W	003370	CNW	00001.89	ESTHERVILLE	1	50E55S NW/C 13-99-34	96	.5	1.0	1.2	.8	.80	36.86
32	608517K	066250	CNW	00003.29	ESTHERVILLE	1	50S NW/C 17-99-33	480	.5	1.0	1.0	.8	.80	153.60
32	608518S	066260	CNW	00005.38	GRUVER	1	50S NW/C 15-99-33	60	.5	1.0	1.0	.8	.80	19.20
32	608520T	066270	CNW	00006.90	GRUVER	1	50E50S NW/C 14-99-33	250	.5	1.0	1.0	.8	.80	80.00
32	608521A	126290	CNW	00007.28	GRUVER	0	3RD ST.	342	.5	1.0	1.0	.8	.85	116.28
32	608522G	066280	CNW	00007.34	GRUVER	1	50S NW/C 13-99-33	108	.5	1.0	1.0	.8	.80	34.56
32	608523N	066290	CNW	00009.31	GRUVER	1	50S NW/C 17-99-32	42	.5	1.0	1.0	.8	.80	13.44
32	608524V	066300	CNW	00011.27	GRUVER	1	50S NW/C 15-99-32	240	.5	1.0	1.0	.8	.80	76.80
32	608525C	066310	CNW	00012.24	ARMSTRONG	1	50S NW/C 14-99-32	182	.5	1.0	1.0	.8	.80	56.24
32	608528X	066320	CNW	00013.27	ARMSTRONG	1	50S NW/C 13-99-32	43	.5	1.0	1.0	.8	.80	13.76
32	608530Y	066330	CNW	00015.27	ARMSTRONG	1	64S NW/C 17-99-31	160	.5	1.0	1.0	.8	.80	51.20
32	608532M	066340	CNW	00016.36	ARMSTRONG	1	50S NW/C 16-99-31	36	.5	1.0	1.2	.8	.80	13.82
32	608534B	066350	CNW	00017.44	ARMSTRONG	1	99S NW/C 10-99-31	120	.5	1.0	1.0	.8	.80	36.40
32	608535H	066360	CNW	00018.44	ARMSTRONG	0	3RD ST.	219	.5	1.0	1.0	.8	.85	74.46
32	608536P	030050	CNW	00018.65	ARMSTRONG	0	6TH ST.	1990	.5	.6	1.2	.8	.85	487.15
32	608537W	006630	CNW	00019.59	ARMSTRONG	1	75S NW/C 13-99-31	176	.5	1.0	1.0	.8	.80	56.32
55	608541L	034030	CNW	00021.56	ARMSTRONG	1	95S NW/C 17-99-30	156	.5	1.0	1.0	.8	.80	49.92
55	608543A	034040	CNW	00022.53	ARMSTRONG	1	96S NW/C 16-99-30	20	.5	1.0	1.0	.8	.80	6.40
55	608544G	034050	CNW	00023.56	ARMSTRONG	1	94S NW/C 15-99-30	150	.5	1.0	1.0	.8	.80	48.00
55	608546V	034060	CNW	00024.55	SWEA CITY	1	95S NW/C 14-99-30	35	.5	1.0	1.0	.8	.80	11.20
55	608548J	034070	CNW	00025.58	SWEA CITY	1	95S NW/C 13-99-30	20	.5	1.0	1.0	.8	.80	6.40



IOWA DEPARTMENT OF TRANSPORTATION  
RAIL AND WATER DIVISION

EXPOSURE INDEX LIST BY FRA NUMBER

CITY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
55	608550K	034080	CNW	00026.55	SWEA CITY	1	96S NW/C 18-99-29	40	.5	1.0	1.0	.8	.80	12.80
55	608551S	134360	CNW	00027.22	SWEA CITY	0	5TH ST	219	.5	1.0	1.0	.8	.85	74.46
55	608552Y	091190	CNW	00027.37	SWEA CITY	0	3RD ST	740	.5	1.0	1.0	.8	.85	251.60
55	608553F	034090	CNW	00027.54	SWEA CITY	0	HIGHWAY ST	900	.5	.6	1.0	.8	.85	183.60
55	608556B	034100	CNW	00028.53	SWEA CITY	1	99S NW/C 16-99-29	55	.5	1.0	1.0	.6	.80	17.60
55	608557H	034110	CNW	00029.55	SWEA CITY	1	99S NW/C 15-99-29	55	.5	1.0	1.0	.8	.80	17.60
55	608558P	034120	CNW	00030.51	SWEA CITY	1	99S NW/C 14-99-29	15	.5	1.0	1.0	.8	.80	4.80
55	608559W	007200	CNW	00031.44	SWEA CITY	1	99S NW/C 13-99-29	4	.5	1.0	1.0	.8	.80	1.28
55	608560R	007210	CNW	00032.04	SWEA CITY	1	50E 99SNW/C 13-99-29	130	.5	1.0	1.0	.8	.80	41.60
55	608561X	034130	CNW	00032.52	LAKOTA	1	98S NW/C 18-99-28	20	.5	1.0	1.0	.8	.80	6.40
55	608562E	008610	CNW	00033.05	LAKOTA	1	55E NW/C 19-99-28	1160	.5	.6	1.2	.8	.80	267.26
55	608565A	034150	CNW	00034.60	LAKOTA	1	10S NW/C 21-99-28	78	.5	1.0	1.0	.8	.80	24.96
55	608566G	034160	CNW	00035.60	LAKOTA	1	98S NW/C 15-99-28	10	.5	1.0	1.0	.8	.80	3.20
55	608568V	034170	CNW	00036.57	LAKOTA	1	98S NW/C 14-99-28	10	.5	1.0	1.0	.8	.80	3.20
55	608572K	034180	CNW	00038.26	LAKOTA	1	50E 46SNW/C 24-99-28	230	.5	1.0	1.0	.8	.80	73.60
55	608573S	091770	CNW	00038.42	LAKOTA	0	3RD ST	910	.5	.6	1.0	.8	.85	185.64
55	608574Y	034190	CNW	00038.66	LAKOTA	1	30S NW/C 19-99-27	55	.5	1.0	1.0	.8	.80	17.60
55	608576M	007220	CNW	00039.38	LAKOTA	1	62E NW/C 19-99-27	1060	.5	.6	1.2	.8	.80	244.22
55	608577U	034200	CNW	00039.90	LAKOTA	1	72S NW/C 17-99-27	33	.5	1.0	1.2	.8	.80	12.67
55	608579H	034210	CNW	00041.00	LAKOTA	1	80E NW/C 17-99-27	26	.5	1.0	1.2	.8	.80	9.98
55	608580C	034220	CNW	00041.26	LAKOTA	1	82S NW/C 9-99-27	20	.5	1.0	1.2	.8	.80	7.68
55	608584E	034230	CNW	00042.48	LAKOTA	1	94E NW/C 9-99-27	31	.5	1.0	1.2	.8	.80	11.90
55	608585L	034240	CNW	00042.55	LAKOTA	1	94S NW/C 3-99-27	160	.5	1.0	1.2	.8	.80	61.44
55	608587A	023370	CNW	00043.88	LAKOTA	1	15S NW/C 2-99-27	5	.5	1.0	1.2	.8	.80	1.92
55	608588G	034250	CNW	00044.13	RAKE	1	22E NW/C 2-99-27	60	.5	1.0	1.2	.8	.80	23.04

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55	608590H	034260	CNW	00045.20	RAKE	1	30S NW/C 36-100-27	110	.5	1.0	1.2	.8	.80	42.24
55	608592W	034270	CNW	00045.61	RAKE	1	30E NW/C 36-100-27	35	.5	1.0	1.2	.8	.80	13.44
95	608595S	057360	CNW	00047.12	RAKE	1	52E NW/C 30-100-26	30	.5	1.0	1.2	.8	.80	11.52
95	608597F	057350	CNW	00047.74	RAKE	1	61S NW/C 20-100-26	25	.5	1.0	1.2	.8	.80	9.60
95	608599U	057340	CNW	00048.67	RAKE	1	70E NW/C 20-100-26	35	.5	1.0	1.2	.8	.80	13.44
95	608601T	057330	CNW	00049.12	RAKE	1	71S NW/C 16-100-26	520	.5	.6	1.0	.8	.80	99.84
95	608602A	127450	CNW	00049.77	RAKE	0	GRACE ST.	480	.5	1.0	1.2	.8	.80	184.32
95	608603G	057320	CNW	00050.03	RAKE	0	MAIN ST.	1106	.5	1.0	1.2	.8	.85	451.25
95	608604N	057310	CNW	00050.23	RAKE	1	81E NW/C 16-100-26	198	.5	1.0	1.2	.8	.85	80.78
95	608605V	057300	CNW	00050.48	RAKE	1	82S NW/C 10-100-26	60	.5	1.0	1.2	.8	.80	23.04
72	608670B	039510	CNW	00256.98	SIBLEY	1	63S NW/C 18-99-41	130	.5	1.0	1.2	.8	.75	46.80
72	608671H	039520	CNW	00000.51	SIBLEY	1	39E NW/C 19-99-41	75	.5	1.0	1.2	.7	.75	23.63
76	608672P	065140	CNW	00453.64	PALMER	1	30E NW/C 14-90-32	45	.5	1.0	1.0	.7	.80	12.60
76	608674D	065130	CNW	00454.33	PALMER	0	HENRIETTA AVE	230	.5	1.0	1.2	.7	.80	77.28
76	608675K	133760	CNW	00454.69	PALMER	0	MAIN	219	.5	1.0	1.0	.7	.85	65.15
76	608676S	014550	CNW	00454.76	PALMER	0	LASALLE ST	350	.5	1.0	1.0	.7	.85	104.13
76	608677Y	065120	CNW	00455.78	PALMER	1	40E NW/C 3-90-32	20	.5	1.0	1.0	.7	.80	5.60
76	608680G	065110	CNW	00456.76	PALMER	1	10S NW/C 34-91-32	20	.5	1.0	1.2	.7	.85	7.14
76	608681N	065100	CNW	00456.98	PALMER	1	95E NW/C 33-91-32	490	.5	1.0	1.0	.7	.80	137.20
76	608682V	065090	CNW	00457.92	PALMER	1	50E NW/C 28-91-32	11	.5	1.0	1.0	.7	.80	3.08
76	608685R	065080	CNW	00459.10	POCAHONTAS	1	05E NW/C 21-91-32	65	.5	1.0	1.0	.7	.80	18.20
76	608686X	065070	CNW	00459.18	POCAHONTAS	1	90S NW/C 16-91-32	404	.5	1.0	1.2	.7	.80	135.74
76	608688L	065060	CNW	00460.15	POCAHONTAS	1	57E NW/C 17-91-32	48	.5	1.0	1.0	.7	.80	13.44
76	608689T	065050	CNW	00461.22	POCAHONTAS	1	10E NW/C 8-91-32	25	.5	1.0	1.0	.7	.80	7.00
76	608690M	065040	CNW	00461.57	POCAHONTAS	1	80S NW/C 5-91-32	60	.5	1.0	1.2	.7	.80	20.16

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76	608691U	014530	CNW	00462.76	POCAHONTAS	0	ELM ST	2870	.5	.6	1.0	.7	.85	512.30
76	608692B	118710	CNW	00462.81	POCAHONTAS	0	NWEND ST & 2ND AV NW	392	.5	1.0	1.0	.7	.80	109.76
76	608693H	118720	CNW	00462.86	POCAHONTAS	0	NW 3RD ST	120	.5	1.0	1.0	.7	.80	33.60
76	608694P	135010	CNW	00462.90	POCAHONTAS	0	NW 4TH ST	392	.5	1.0	1.2	.7	.80	131.71
76	608695W	135020	CNW	00463.02	POCAHONTAS	0	4TH AVE NW	430	.5	1.0	1.0	.7	.80	120.40
76	608696D	004930	CNW	00463.06	POCAHONTAS	0	NW 7TH ST	2390	.5	.6	1.2	.7	.80	481.82
76	608698S	065030	CNW	00464.05	POCAHONTAS	1	28E NW/C 36-92-33	320	.5	1.0	1.0	.7	.80	89.60
76	608699Y	065020	CNW	00464.30	POCAHONTAS	1	80S NW/C 25-92-33	45	.5	1.0	1.2	.7	.80	15.12
76	608701X	065010	CNW	00465.63	POCAHONTAS	1	08E NW/C 26-92-33	9	.5	1.0	1.0	.7	.80	2.52
76	608702E	065000	CNW	00465.71	POCAHONTAS	1	95S NW/C 23-92-33	13	.5	1.0	1.2	.7	.80	4.37
76	608704T	064990	CNW	00467.10	POCAHONTAS	1	17S NW/C 22-92-33	38	.5	1.0	1.2	.7	.80	12.77
76	608705A	064980	CNW	00467.23	POCAHONTAS	1	80E NW/C 21-92-33	34	.5	1.0	1.0	.7	.80	9.52
76	608707N	064970	CNW	00468.32	POCAHONTAS	1	35S NW/C 16-92-33	50	.5	1.0	1.2	.7	.80	16.80
76	608709C	064960	CNW	00468.76	POCAHONTAS	1	60E NW/C 17-92-33	170	.5	1.0	1.0	.7	.80	47.60
76	608711D	064950	CNW	00469.59	POCAHONTAS	1	50S NW/C 8-92-33	45	.5	1.0	1.2	.7	.80	15.12
76	608713S	064940	CNW	00470.39	POCAHONTAS	1	45E NW/C 7-92-33	48	.5	1.0	1.2	.7	.80	16.13
76	608714Y	064930	CNW	00470.90	LAURENS	1	75S NW/C 6-92-33	42	.5	1.0	1.2	.7	.80	14.11
76	608716M	064920	CNW	00472.11	LAURENS	1	08E NW/C 1-92-34	20	.5	1.0	1.2	.7	.80	6.72
76	608717U	064910	CNW	00472.19	LAURENS	1	94S NW/C 36-93-34	50	.5	1.0	1.2	.7	.80	16.80
76	608720C	064900	CNW	00473.49	LAURENS	1	10S NW/C 35-93-34	88	.5	1.0	1.2	.7	.80	29.57
76	608721J	064890	CNW	00473.71	LAURENS	1	85E NW/C 34-93-34	110	.5	1.0	1.2	.7	.80	36.96
76	608722R	007900	CNW	00474.61	LAURENS	1	W VETERANS RD	280	.5	1.0	1.2	.7	.80	94.08
76	608723X	064880	CNW	00474.87	LAURENS	1	W OLIVE&RUSH LAKE RD	977	.5	1.0	1.2	.7	.85	346.79
76	608724E	095390	CNW	00475.19	LAURENS	1	90E10S NW/C 28-93-34	1180	.5	.6	1.2	.7	.80	237.89
76	608725L	064870	CNW	00475.29	LAURENS	1	70E NW/C 22-93-34	137	.5	1.0	1.2	.8	.80	52.61



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
76	608728G	064860	CNW	00477.09	LAURENS	1	20E NW/C 20-93-34	60	.5	1.0	1.2	.8	.80	23.04
76	608729N	064080	CNW	00477.32	LAURENS	1	85S NW/C 17-93-34	50	.5	1.0	1.0	.8	.80	16.00
11	608734K	077220	CNW	00468.88	LAURENS	1	60E NW/C 13-93-35	14	.5	1.0	1.2	.8	.80	5.38
11	608736Y	077210	CNW	00479.65	WEEB	1	60S NW/C 12-93-35	29	.5	1.0	1.2	.8	.80	11.14
11	608737F	077200	CNW	00480.73	WEEB	1	10E NW/C 11-93-35	30	.5	1.0	1.2	.8	.80	11.52
11	608738M	077190	CNW	00480.81	WEEB	1	95S NW/C 02-93-35	50	.5	1.0	1.0	.8	.80	16.00
11	608740N	077180	CNW	00482.08	WEEB	1	20S NW/C 03-93-35	44	.5	1.0	1.2	.8	.80	16.90
11	608741V	077170	CNW	00482.41	WEEB	1	70E NW/C 04-93-35	40	.5	1.0	1.2	.8	.80	15.36
21	608743J	067940	CNW	00483.47	WEEB	1	30S NW/C 33-94-35	30	.5	1.0	1.2	.8	.80	11.52
21	608744R	067930	CNW	00483.85	WEEB	1	75E NW/C 32-94-35	58	.5	1.0	1.0	.8	.80	18.56
21	608747L	067920	CNW	00485.14	WEEB	1	94S NW/C 20-94-35	689	.5	1.0	1.2	.8	.80	264.58
21	608751B	067910	CNW	00485.58	WEEB	1	99E NW/C 24-94-36	260	.5	1.0	1.2	.8	.80	99.84
21	608753P	067900	CNW	00487.72	WEEB	1	50S NW/C 13-94-36	28	.5	1.0	1.0	.8	.80	8.96
21	608755D	067890	CNW	00488.30	WEEB	1	40E20S NW/C 14-94-36	10	.5	1.0	1.0	.8	.80	3.20
21	608756K	067880	CNW	00488.82	WEEB	1	04S NW/C 14-94-36	40	.5	1.0	1.0	.8	.80	12.80
21	608757S	067870	CNW	00488.97	WEEB	1	99E NW/C 15-94-36	20	.5	1.0	1.2	.8	.80	7.68
21	608758Y	067860	CNW	00489.89	WEEB	1	60S NW/C 10-94-36	10	.5	1.0	1.0	.8	.80	3.20
21	608762N	067850	CNW	00492.60	ROSSIE	1	50E80S NW/C 6-94-36	36	.5	1.0	1.0	.7	.80	10.08
21	608763V	067840	CNW	00493.70	ROSSIE	1	65E NW/C 1-94-37	30	.5	1.0	1.2	.7	.80	10.08
21	608764C	005000	CNW	00493.83	ROSSIE	1	50E93S NW/C 36-95-37	2190	.5	.6	1.0	.7	.80	367.92
21	608766R	067830	CNW	00495.42	ROSSIE	1	25E NW/C 35-95-37	350	.5	1.0	1.2	.7	.80	117.60
21	608767X	067820	CNW	00495.75	ROSSIE	1	75S NW/C 21-95-37	110	.5	1.0	1.2	.7	.80	36.96
21	608768E	067810	CNW	00497.04	ROSSIE	1	01S NW/C 27-95-37	47	.5	1.0	1.2	.7	.80	15.79
21	608769L	067800	CNW	00497.06	ROSSIE	1	99E NW/C 28-95-37	15	.5	1.0	1.2	.7	.80	5.04
21	608771M	067790	CNW	00498.26	ROSSIE	1	25S NW/C 21-95-37	19	.5	1.0	1.2	.7	.80	6.38

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
21	608772U	067780	CNW	00498.67	ROYAL	1	75E NW/C 20-95-37	30	.5	1.0	1.2	.7	.80	10.08
21	608775F	067770	CNW	00499.50	ROYAL	1	40S NW/C 17-95-37	5	.5	1.0	1.2	.7	.80	1.68
21	608776W	067760	CNW	00500.27	ROYAL	1	45E NW/C 18-95-37	38	.5	1.0	1.2	.7	.80	12.77
21	608778K	067750	CNW	00500.78	ROYAL	1	60S NW/C 7-95-37	25	.5	1.0	1.2	.7	.80	8.40
21	608779S	012530	CNW	00501.45	ROYAL	0	1ST AVE	640	.5	1.0	1.2	.7	.85	228.48
21	608780L	135080	CNW	00501.69	ROYAL	0	3RD AVE	700	.5	1.0	1.2	.7	.85	249.90
21	608781T	067740	CNW	00501.84	ROYAL	1	15E NW/C 12-95-38	690	.5	1.0	1.2	.7	.85	246.33
21	608782A	067730	CNW	00502.02	ROYAL	1	90S NW/C 1-95-38	60	.5	1.0	1.2	.7	.85	21.42
78	816631H	103640	UP	00000.82	COUNCIL BLUFFS	0	13THST&4THAVE	627	27.0	1.0	1.2	.7	1.00	14220.36
78	816632P	103780	UP	00000.62	COUNCIL BLUFFS	0	5TH AVE	3780	27.0	.6	1.2	.7	.80	41150.59
78	816633W	103800	UP	00000.54	COUNCIL BLUFFS	0	S.15THST&6THAVE	449	27.0	1.0	1.2	.7	.80	8146.66
78	816634D	130750	UP	00000.44	COUNCIL BLUFFS	0	S.16THST& 7THAVE	2460	27.0	.1	1.2	.7	1.00	5579.28
78	816635K	103820	UP	00000.33	COUNCIL BLUFFS	0	S17THST. & 8THAVE	647	27.0	1.0	1.2	.7	1.00	14673.96
78	816636S	104650	UP	00000.23	COUNCIL BLUFFS	0	9TH AVE & 18TH ST	4790	27.0	.1	1.2	.7	1.00	10863.72
78	816648L	130760	UP	00000.54	COUNCIL BLUFFS	0	NEBRASKA AVE	2093	3.0	1.0	1.0	.7	.75	3296.48
78	816649T	130770	UP	00001.09	COUNCIL BLUFFS	0	35TH ST	4480	3.0	1.0	1.0	.7	.75	7056.00
78	816653H	130780	UP	00001.48	COUNCIL BLUFFS	0	RIVER ROAD	600	3.0	1.0	1.2	.7	.75	1134.00
52	840161N	137140	CIC	00022.60	CORALVILLE	0	5TH ST PLACE	1	3.0	1.0	1.0	.7	.85	1.79
52	840169T	135850	CIC	00026.42	IOWA CITY	0	GILBERT ST.	652	2.0	.6	1.2	.7	.80	525.77
52	840173H	064180	CIC	00020.33	CORALVILLE	1	65E 90S NW/C 30-80-6	1430	2.0	1.0	1.2	.8	.80	2196.48
52	840179Y	129780	CIC	00022.40	CORALVILLE	0	1ST AVE	16900	2.0	.6	1.2	.7	.80	13628.16
52	840190Y	090950	CIC	00024.58	IOWA CITY	0	BURLINGTON ST	20500	5.0	.6	1.0	.7	.80	34440.00
52	840192M	111410	CIC	00025.13	IOWA CITY	0	CAPITOL ST	1324	4.0	1.0	1.0	.7	.85	3151.12
52	840193U	129800	CIC	00002.50	IOWA CITY	0	BENTON ST	11700	1.0	.6	1.0	.7	.75	3685.50
52	840195H	129810	CIC	00004.58	IOWA CITY	0	BENTON ST	11700	1.0	1.0	1.0	.7	.75	6142.50

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
57	840198D	088040	CIC	00003.13	CEDAR RAPIDS	0	BOTH AVE	450	5.0	1.0	1.0	.7	.80	1260.00
57	840199K	088050	CIC	00002.62	CEDAR RAPIDS	0	WACONIA AVE	4234	12.0	1.0	1.0	.7	.85	30230.76
57	840201J	047790	CIC	NONE	CEDAR RAPIDS	0	6TH ST SW	6560	4.0	.6	1.0	.7	.80	8816.64
57	840203X	129520	CIC	NONE	CEDAR RAPIDS	0	J ST SW	5724	4.0	.6	1.0	.7	.80	7693.06
57	840204E	129530	CIC	NONE	CEDAR RAPIDS	0	50 AVE SW	1686	1.0	1.0	1.0	.7	.75	885.15
57	840206T	092130	CIC	NONE	CEDAR RAPIDS	0	BOWLING ST	4270	2.0	.6	1.0	.7	.80	2869.44
57	840207A	049150	CIC	NONE	CEDAR RAPIDS	0	BOWLING ST SW	4270	2.0	.6	1.0	.7	.80	2869.44
57	840209N	038990	CIC	NONE	CEDAR RAPIDS	0	8TH AVE SW	3725	13.0	1.0	1.0	.7	.75	25423.13
57	840211P	100620	CIC	NONE	CEDAR RAPIDS	0	10TH ST	800	6.0	1.0	1.0	.7	.75	2520.00
57	840212W	100680	CIC	NONE	CEDAR RAPIDS	0	9TH ST SW	2228	3.0	1.0	1.0	.7	.75	3509.10
57	840213D	100610	CIC	NONE	CEDAR RAPIDS	0	9TH ST SW	2270	2.5	1.0	1.0	.7	.75	2979.38
57	840214K	100580	CIC	NONE	CEDAR RAPIDS	0	6TH ST SW	9080	2.0	1.0	1.2	.7	.75	11440.80
57	840215S	092140	CIC	NONE	CEDAR RAPIDS	0	6TH ST-SW IND TRK	9080	2.0	1.0	1.0	.7	.75	9534.00
57	840217F	090910	CIC	00003.03	CEDAR RAPIDS	0	4TH ST SW	700	2.0	.6	1.0	.7	.75	441.00
57	840218M	092150	CIC	00003.13	CEDAR RAPIDS	0	8TH AVE SW	10507	.5	1.0	1.2	.7	.75	3309.71
57	840219U	132250	CIC	00003.55	CEDAR RAPIDS	0	66TH AVE	300	5.0	1.0	1.2	.8	.80	1152.00
57	840221V	088030	CIC	00004.28	CEDAR RAPIDS	1	76TH AVE SW	290	2.0	1.0	1.0	.8	.80	371.20
57	840224R	088020	CIC	00005.27	CEDAR RAPIDS	1	05E NW/C 29-82-7	4420	2.0	.6	1.0	.8	.80	3394.56
57	840228T	088010	CIC	00006.26	CEDAR RAPIDS	1	01E NW/C 32-82-7	90	2.0	1.0	1.0	.8	.80	115.20
57	840230U	088000	CIC	00007.00	SWISHER	1	01E 75S NW/C 32-82-7	51	2.0	1.0	1.0	.8	.80	65.28
52	840231B	087970	CIC	00008.22	SWISHER	0	DIVISION ST	1600	2.0	.6	1.0	.7	.80	1075.20
52	840232H	087960	CIC	00008.37	SWISHER	0	2ND ST	1299	2.0	1.0	1.0	.7	.85	1545.81
52	840234W	087950	CIC	00008.97	SWISHER	1	40E 55S NW/C 8-81-7	250	2.0	1.0	1.2	.7	.80	336.00
52	840235D	087940	CIC	00009.27	SWISHER	1	40E NW/C 17-81-7	25	2.0	1.0	1.0	.8	.80	32.00
52	840240A	087930	CIC	00010.98	SWISHER	1	47E 33S NW/C 21-81-7	250	2.0	.6	1.0	.8	.80	192.00



EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
52	840245J	087910	CIC	00014.31	NORTH LIBERTY	1	42E NW/C 2-80-7	151	2.0	1.0	1.0	.8	.80	193.28
52	840248E	087900	CIC	00015.12	NORTH LIBERTY	1	95E SOS NW/C 2-80-7	15	2.0	1.0	1.0	.8	.80	19.20
52	840250F	087890	CIC	00015.78	NORTH LIBERTY	1	45E NW/C 12-80-7	75	2.0	1.0	1.2	.8	.80	115.20
52	840251M	013460	CIC	00015.94	NORTH LIBERTY	1	50E 10S NW/C 12-80-7	2070	2.0	.6	1.2	.7	.80	1669.25
52	840252U	087860	CIC	00016.40	NORTH LIBERTY	1	NCL75E50SNW/C12-80-7	8940	2.0	.6	1.0	.7	.80	6007.68
52	840255P	116760	CIC	00016.91	NORTH LIBERTY	0	W ZELLER	1520	2.0	1.0	1.0	.7	.80	1702.40
52	840258K	087860	CIC	00018.37	NORTH LIBERTY	1	75E SOS NW/C 24-80-7	230	2.0	1.0	1.0	.8	.80	294.40
52	840260L	049170	CIC	00019.36	CORALVILLE	0	OAKDALE RD	262	2.0	1.0	1.0	.8	.80	335.36
52	840261T	140110	CIC	00019.60	CORALVILLE	0	ST. IN OAKDALE INST	30	2.0	1.0	1.2	.7	.80	40.32
57	840264N	080370	CIC	NONE	CEDAR RAPIDS	0	WILSON AVE	6900	2.0	1.0	1.2	.7	.75	8694.00
57	840265V	052120	CIC	NONE	CEDAR RAPIDS	0	12 ST	2580	1.0	.6	1.2	.7	.75	975.24
75	851421K	139080	CC	00485.24	LE MARS	0	2ND ST S.W.	200	.5	.1	1.2	.7	.75	999999.99
31	851671X	139390	CC	00183.00	DUBUQUE	0	1ST ST	250	.5	1.0	1.0	.7	.75	999999.99
31	851672E	139380	CC	00183.00	DUBUQUE	0	1ST ST & TERMINAL ST	250	.5	.1	1.2	.7	.75	999999.99
31	851673L	139400	CC	00183.00	DUBUQUE	0	JONES ST	250	.5	1.0	1.0	.7	.75	999999.99
34	858536D	101860	IAT	NONE	CHARLES CITY	0	HILDRETH ST	300	1.0	1.0	1.0	.7	.85	178.50
34	858537K	101870	IAT	NONE	CHARLES CITY	0	50 MAIN ST.	2295	1.0	1.0	1.0	.7	.80	1285.20
34	858538S	012840	IAT	NONE	CHARLES CITY	0	5TH ST	3100	1.0	1.0	1.0	.7	.80	1736.00
34	858542G	027710	IAT	NONE	CHARLES CITY	1	90E NW/C 14-95-16	30	1.0	1.0	1.0	.7	.80	16.80
34	858543N	027690	IAT	00003.10	CHARLES CITY	1	10E50S NW/C 14-95-16	54	1.0	1.0	1.2	.7	.80	36.29
34	858544V	027680	IAT	00003.30	CHARLES CITY	1	60S NW/C 14-95-16	16	1.0	1.0	1.0	.7	.80	8.96
34	858546J	027670	IAT	00003.90	CHARLES CITY	1	50E NW/C 22-95-16	56	1.0	1.0	1.2	.7	.80	37.63
34	858548X	027660	IAT	00004.60	CHARLES CITY	1	40S NW/C 22-95-16	350	1.0	1.0	1.0	.7	.80	196.00
34	858551F	027650	IAT	00005.70	CHARLES CITY	1	06E NW/C 28-95-16	34	1.0	1.0	1.0	.7	.80	19.04
34	858552M	027640	IAT	00005.80	CHARLES CITY	1	06S NW/C 22-95-16	30	1.0	1.0	1.0	.7	.80	16.80

## EXPOSURE INDEX LIST BY FRA NUMBER

CITY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
34	858556P	027630	IAT	00000.70	CHARLES CITY	1	70S NW/C 29-95-16	7	1.0	1.0	1.0	.7	.80	3.92
34	858557W	027620	IAT	00007.40	CHARLES CITY	1	75E NW/C 31-95-16	67	1.0	1.0	1.2	.7	.80	45.02
34	858558D	027610	IAT	00007.60	CHARLES CITY	1	50E20S NW/C 31-95-16	16	1.0	1.0	1.0	.7	.80	8.96
34	858562T	027600	IAT	00009.30	CHARLES CITY	1	10E NW/C 1-94-17	32	1.0	1.0	1.2	.7	.80	21.50
34	858563A	006660	IAT	00009.40	CHARLES CITY	1	10S NW/C 1-94-17	1200	1.0	1.0	1.0	.7	.80	672.00
34	858566V	027590	IAT	00010.06	CHARLES CITY	1	80S NW/C 2-94-17	43	1.0	1.0	1.0	.7	.80	24.08
34	858568J	027580	IAT	00011.00	CHARLES CITY	1	70E NW/C 10-94-17	52	1.0	1.0	1.2	.7	.80	34.94
34	858571S	027570	IAT	00011.70	CHARLES CITY	1	20S NW/C 10-94-17	82	1.0	1.0	1.0	.7	.80	45.92
34	858572Y	027510	IAT	00012.50	CHARLES CITY	1	30E50S NW/C 9-94-17	35	1.0	1.0	1.0	.7	.80	19.60
34	858587N	027830	IAT	NONE	CHARLES CITY	0	13TH AVENUE	344	.5	1.0	1.0	.7	.80	96.32
34	858590W	131780	IAT	NONE	CHARLES CITY	0	JOHNSON ST.	3200	1.0	1.0	1.2	.7	.75	999999.99
34	858591D	101980	IAT	NONE	CHARLES CITY	0	JACKSON ST.	200	.5	1.0	1.0	.7	.80	999999.99
34	858592K	101980	IAT	NONE	CHARLES CITY	0	JACKSON ST.	200	.5	1.0	1.0	.7	.85	999999.99
34	858593S	101970	IAT	NONE	CHARLES CITY	0	MAIN ST.	7882	.5	.6	1.0	.7	.75	999999.99
34	858595F	101950	IAT	NONE	CHARLES CITY	0	GRAND AVE NORTH	300	.5	1.0	1.0	.7	.75	78.75
34	858598E	101940	IAT	NONE	CHARLES CITY	0	D ST	150	1.0	1.0	1.0	.7	.80	84.00
34	858599H	101910	IAT	NONE	CHARLES CITY	0	"E" ST.	641	1.0	1.0	1.0	.7	.80	358.96
34	858600A	101900	IAT	NONE	CHARLES CITY	0	"F" ST.	100	1.0	1.0	1.0	.7	.80	56.00
34	858601G	101890	IAT	NONE	CHARLES CITY	0	8TH AVE.	100	1.0	1.0	1.0	.7	.80	56.00
34	858602N	004740	IAT	NONE	CHARLES CITY	0	5TH AVE	2750	1.0	1.0	1.0	.7	.80	1540.00
34	858604C	131800	IAT	NONE	CHARLES CITY	0	OWEN ST.	75	1.0	1.0	1.0	.7	.80	42.00
34	858606R	101880	IAT	NONE	CHARLES CITY	0	CLARK ST.	3018	1.0	1.0	1.0	.7	.80	1690.08
34	858607X	012810	IAT	NONE	CHARLES CITY	0	GRAND AVE	5900	1.0	1.0	1.0	.7	.85	3510.50
17	858773P	131810	IAT	00002.40	MASON CITY	0	SOUTH PIERCE	573	2.0	1.0	1.0	.7	.85	681.87
17	858791M	131830	IAT	00003.50	MASON CITY	0	S COOLIDGE	527	2.0	1.0	1.0	.7	.80	590.24

IOWA DEPARTMENT OF TRANSPORTATION  
RAIL AND WATER DIVISION

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
17	858792U	090700	IAT	00001.00	MASON CITY	0	FEDERAL AV. OR H65	13700	1.0	1.0	1.0	.7	.80	7672.00
17	858796W	131840	IAT	00000.80	MASON CITY	0	S PENNSYLVANIA AV	792	1.0	1.0	1.0	.7	.80	443.52
77	864200V	136310	DMU	NONE	DES MOINES	0	16TH ST. & ALLEY	50	12.0	1.0	1.0	.7	.75	315.00
77	864206L	107280	DMU	NONE	DES MOINES	0	11TH ST	1257	14.0	1.0	1.0	.7	.85	10470.81
77	864211H	130890	DMU	NONE	DES MOINES	0	MARKET ST	2193	3.0	1.0	1.0	.7	.75	3453.93
77	864215K	107270	DMU	NONE	DES MOINES	0	10TH ST	4343	14.0	1.0	1.0	.7	.85	40342.19
77	864216S	107260	DMU	NONE	DES MOINES	0	9TH ST	6578	12.0	.6	1.0	.7	.80	26522.50
77	864219M	138430	DMU	NONE	DES MOINES	0	7TH ST	9451	10.0	1.0	1.0	.7	.80	999999.99
77	864220G	107190	DMU	NONE	DES MOINES	0	5TH ST	7233	10.0	.6	1.0	.7	.80	24302.88
77	864221A	107180	DMU	NONE	DES MOINES	0	4TH ST.	5000	9.0	.6	1.0	.7	.80	15120.00
77	864223C	107160	DMU	NONE	DES MOINES	0	3RD ST.	2737	9.0	.6	1.0	.7	.80	8276.69
77	864224J	107150	DMU	NONE	DES MOINES	0	2ND ST.	3061	9.0	.6	1.0	.7	.80	9256.46
77	864225R	107120	DMU	NONE	DES MOINES	0	1ST ST.	5072	9.0	.6	1.0	.7	.80	15337.73
77	864227E	107110	DMU	NONE	DES MOINES	0	E 1ST ST.	1977	9.0	1.0	1.0	.7	.80	9964.03
77	864228L	091510	DMU	NONE	DES MOINES	0	E 2ND ST.	967	9.0	.6	1.0	.7	.85	3106.97
77	864229T	107090	DMU	NONE	DES MOINES	0	E 3RD ST.	2796	9.0	1.0	1.0	.7	.80	14091.84
77	864230M	107060	DMU	NONE	DES MOINES	0	E 4TH ST.	624	9.0	1.0	1.0	.7	.80	3144.96
77	864231U	107040	DMU	NONE	DES MOINES	0	E 5TH ST.	2796	9.0	.6	1.0	.7	.85	8983.55
77	864232B	107030	DMU	NONE	DES MOINES	0	E 6TH ST.	7839	9.0	.6	1.0	.7	.85	25166.71
77	864233H	106990	DMU	NONE	DES MOINES	0	E 7TH ST.	4800	9.0	1.0	1.0	.7	.85	25704.00
77	864235W	106450	DMU	NONE	DES MOINES	0	SE 18TH ST.	3941	4.0	1.0	1.0	.7	.85	9379.58
77	864236D	127220	DMU	NONE	DES MOINES	0	MARKET ST.	1880	2.0	1.0	1.0	.7	.85	2684.64
77	864237K	130930	DMU	NONE	DES MOINES	0	SCOTT BTW 20TH&22ND	6000	1.0	1.0	1.0	.7	.80	3360.00
77	864238S	106640	DMU	NONE	DES MOINES	0	MAURY ST.	5020	1.0	1.0	1.0	.7	.80	2811.20
77	864239Y	130940	DMU	NONE	DES MOINES	0	SE 25TH CT. & CB&Q ST	500	1.0	1.0	1.0	.7	.80	280.00



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
77	864240T	130950	DMU	NONE	DES MOINES	0	SE 26TH CT.	95	1.0	1.0	1.0	.7	.80	53.20
77	864241A	130960	DMU	NONE	DES MOINES	0	SE 27TH CT.	39	1.0	1.0	1.0	.7	.85	23.21
77	864242G	094620	DMU	NONE	DES MOINES	0	SE 28TH ST.	102	1.0	1.0	1.0	.7	.85	60.69
77	864243N	106620	DMU	NONE	DES MOINES	0	SE 30TH & CB&Q ST	6360	3.0	.6	1.0	.7	.75	6010.20
77	864245C	106470	DMU	NONE	DES MOINES	0	SCOTT BTW 18TH&16TH	7233	1.0	1.0	1.0	.7	.75	3797.33
77	864246J	106440	DMU	NONE	DES MOINES	0	SE 18TH ST.	2090	.5	1.0	1.0	.7	.75	548.63
77	864265N	131090	DMU	NONE	DES MOINES	0	MURPHY BTW 6TH&7TH	1046	.5	1.0	1.0	.7	.75	274.58
77	864266V	131100	DMU	NONE	DES MOINES	0	TUTTLE BTW 7TH&6TH	3016	.5	1.0	1.0	.7	.75	791.70
77	864267C	131110	DMU	NONE	DES MOINES	0	TUTTLE BTW 6TH&5TH	3016	.5	1.0	1.0	.7	.75	999999.99
77	864268J	131120	DMU	NONE	DES MOINES	0	MURPHY ST BTW 5TH&6T	1046	.5	1.0	1.0	.7	.75	274.58
77	864269R	131130	DMU	NONE	DES MOINES	0	SW 5TH AVE.	7233	.5	1.0	1.0	.7	.75	1898.66
77	864270K	131070	DMU	NONE	DES MOINES	0	TUTTLE ST.	2810	.5	1.0	1.0	.7	.75	737.63
23	865519E	140570	DRI	00157.26	CLINTON	0	12TH AVE. SO.	50	3.0	1.0	1.2	.7	.75	999999.99
23	865520Y	103120	DRI	00157.35	CLINTON	0	13TH AVE SO.	200	3.0	1.0	1.0	.7	.75	315.00
23	865521F	136610	DRI	00157.38	CLINTON	0	ALLEY	50	3.0	1.0	1.0	.7	.75	999999.99
23	865522M	103150	DRI	00157.23	CLINTON	0	14THAVE SO.	200	3.0	1.0	1.0	.7	.75	999999.99
23	865523U	136620	DRI	00157.44	CLINTON	0	ALLEY	50	3.0	1.0	1.0	.7	.75	999999.99
23	865524B	103030	DRI	00157.47	CLINTON	0	15TH AVE SO.	1200	3.0	1.0	1.0	.7	.75	1890.00
23	865525H	136630	DRI	00157.50	CLINTON	0	ALLEY	50	3.0	1.0	1.0	.7	.75	999999.99
23	865526P	103320	DRI	00157.53	CLINTON	0	16TH AVE SO.	200	3.0	1.0	1.0	.7	.75	315.00
23	865527W	136640	DRI	00157.57	CLINTON	0	ALLEY	50	3.0	1.0	1.0	.7	.75	999999.99
23	865528D	103180	DRI	00157.60	CLINTON	0	17TH AVE. S.	100	3.0	1.0	1.0	.7	.75	999999.99
23	865529K	103110	DRI	00157.63	CLINTON	0	S. 4TH ST.	2840	3.0	1.0	1.2	.7	.75	5367.60
23	865530E	103100	DRI	00157.70	CLINTON	0	18TH AVE. S.	1490	3.0	1.0	1.2	.7	.75	2816.10
23	865531L	103190	DRI	00157.82	CLINTON	0	SO. 5TH ST	1040	3.0	1.0	1.0	.7	.75	1638.00

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
23	865532T	103200	DRI	00157.88	CLINTON	0	19TH AVE S.	950	3.0	1.0	1.2	.7	.75	999999.99
23	865544M	100940	DRI	00162.00	CAMANCHE	0	4TH AVE	1090	14.0	.6	1.0	.8	.85	6226.08
23	865545U	100950	DRI	00162.08	CAMANCHE	0	5TH AVE	200	14.0	1.0	1.0	.8	.85	1904.00
23	865547H	100970	DRI	00162.23	CAMANCHE	0	7TH AVE	500	14.0	1.0	1.0	.8	.85	4760.00
23	865549W	093980	DRI	00162.37	CAMANCHE	0	9TH AVE	900	14.0	.6	1.0	.8	.85	5140.80
23	865560W	093990	DRI	00162.50	CAMANCHE	0	13TH AVE	700	14.0	.6	1.0	.8	.85	3998.40
23	865561D	094000	DRI	00162.92	CAMANCHE	0	3RD ST.	540	14.0	.6	1.2	.8	.80	3483.65
23	865564Y	140410	DRI	00163.16	CAMANCHE	0	PARK DRIVE	200	14.0	1.0	1.0	.9	.80	2016.00
23	865570C	066580	DRI	00167.05	CAMANCHE	1	05E40S NW/C 12-80-EB	128	14.0	1.0	1.0	.9	.80	1290.24
82	865574E	088150	DRI	00170.83	PRINCETON	1	40E NW/C 35-80-5	94	14.0	1.0	1.0	.9	.80	947.52
82	865575L	088160	DRI	00171.20	PRINCETON	1	50E 35S NW/C 35-80-5	94	14.0	1.0	1.2	.9	.80	1137.02
82	865579N	088070	DRI	00172.48	PRINCETON	0	LOST GROVE RD	558	14.0	.6	1.0	.8	.85	3187.30
82	865581P	118900	DRI	00173.60	PRINCETON	0	CLAY ST	553	14.0	.6	1.0	.9	.80	3344.54
82	865582W	118910	DRI	00172.87	PRINCETON	0	CHESTNUT	558	14.0	.6	1.0	.8	.80	2999.81
82	865609D	112790	DRI	00177.97	LE CLAIRE	0	JONES ST	300	14.0	.6	1.0	.8	.85	999999.99
82	865610X	112800	DRI	00178.04	LE CLAIRE	0	WISCONSIN ST	500	14.0	1.0	1.0	.8	.80	4480.00
82	865611E	096550	DRI	00178.67	LE CLAIRE	0	CANAL SHORE DR	1500	14.0	1.0	1.0	.9	.80	15120.00
82	865614A	130810	DRI	00180.22	LE CLAIRE	0	NO NAME STREET	200	14.0	1.0	1.0	.9	.80	2016.00
82	865616N	096560	DRI	00180.88	LE CLAIRE	0	W CANAL SHORE DR	200	14.0	1.0	1.0	.8	.80	1792.00
82	865617V	028140	DRI	00182.42	BETTENDORF	1	10E 85S NW/C 8-78-5	80	14.0	.6	1.0	.8	.80	430.08
82	865618C	088130	DRI	00182.89	BETTENDORF	1	SPENCER ROAD	200	14.0	.6	1.0	.7	.80	940.80
82	865631R	096570	DRI	00185.19	BETTENDORF	0	FENNO RD	500	16.0	.6	1.0	.7	.80	2688.00
82	865635T	088120	DRI	00186.60	RIVERDALE	0	S. BELLINGHAM	990	16.0	.6	1.0	.7	.80	5322.24
82	865636A	088180	DRI	00186.80	RIVERDALE	0	S. KENSINGTON	200	16.0	1.0	1.0	.7	.80	1792.00
82	865637C	135610	DRI	00186.92	BETTENDORF	0	42ND ST	200	16.0	1.0	1.2	.7	.80	2150.40

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
82	865638N	088110	DRI	00187.35	BETTENDORF	0	35TH ST.	2010	16.0	.6	1.0	.7	.85	11481.12
82	865639V	088100	DRI	00187.53	BETTENDORF	0	33RD ST	1467	16.0	.6	1.0	.7	.85	8379.50
82	865640P	130830	DRI	00187.67	BETTENDORF	0	31ST ST.	300	16.0	.6	1.0	.7	.85	1713.60
82	865646F	137880	DRI	00031.99	BETTENDORF	0	13TH ST	2980	16.0	1.0	1.0	.7	.85	28369.60
82	865647M	098920	DRI	00189.05	BETTENDORF	0	12TH ST	800	16.0	.6	1.0	.7	.85	4569.60
82	865648L	105100	DRI	00190.70	DAVENPORT	0	MOUND ST	630	14.0	.6	1.0	.7	.80	2963.52
82	865649B	105190	DRI	00192.30	DAVENPORT	0	PERRY ST	1000	14.0	.6	1.0	.7	.80	4704.00
82	865650V	105200	DRI	00192.37	DAVENPORT	0	BRADY ST	940	14.0	.6	1.0	.7	.80	4421.76
82	865651C	105210	DRI	00192.44	DAVENPORT	0	MAIN	850	14.0	.6	1.0	.7	.80	3998.40
82	865652J	105220	DRI	00192.50	DAVENPORT	0	HARRISON ST	830	14.0	.6	1.0	.7	.80	3904.32
82	865653R	105230	DRI	00192.57	DAVENPORT	0	RIPLEY	1000	15.0	.6	1.0	.7	.80	5040.00
82	865654X	105280	DRI	00192.84	DAVENPORT	0	GAINES ST	1850	15.0	.6	1.0	.7	.80	9324.00
82	865655E	134630	DRI	00193.10	DAVENPORT	0	MARQUETTE ST	1850	15.0	.1	1.0	.7	.85	1651.13
17	873309K	049160	IAT	00005.20	CLEAR LAKE	1	1050S NW/C 13-96-21	55	.5	1.0	1.0	.7	.85	16.36
17	873328P	131850	IAT	00002.90	MASON CITY	0	BENJAMIN AVE	1655	1.0	1.0	1.0	.7	.80	926.80
17	873615C	089590	IAT	00008.20	CLEAR LAKE	1	48S NW/C 16-96-21	48	1.0	1.0	1.0	.7	.80	26.88
17	873616J	089570	IAT	00005.30	CLEAR LAKE	1	49S NW/C 13-96-21	671	1.0	1.0	1.0	.7	.80	375.76
17	873617R	131820	IAT	00002.10	MASON CITY	0	SOUTH MONROE	1810	2.0	1.0	1.0	.7	.80	2027.20
17	873618X	131870	IAT	00000.20	MASON CITY	0	S CAROLINA AVE.	2553	1.0	1.0	1.0	.7	.80	1429.68
17	873620Y	114640	IAT	NONE	MASON CITY	0	FIFTEENTH ST.	3024	.5	1.0	1.0	.7	.80	846.72
17	874088N	089560	IAT	00003.20	MASON CITY	0	SOUTH TAFT	3968	2.0	1.0	1.0	.7	.80	4444.16
17	874091W	131880	IAT	00000.40	MASON CITY	0	S.MASSACHUSETTS	417	.5	1.0	1.0	.7	.80	116.76
17	874095Y	090710	IAT	00002.70	MASON CITY	0	19TH STREET	8360	.5	1.0	1.2	.7	.80	2808.96
17	874097M	131890	IAT	00003.40	MASON CITY	0	SOUTH HARDING	689	2.0	1.0	1.0	.7	.80	771.68
17	874103N	131900	IAT	00003.30	MASON CITY	0	SOUTH WILSON	300	2.0	1.0	1.0	.7	.80	336.00



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
17	8741344	090710	IAT	00002.60	MASON CITY	0	19TH STREET	8360	.5	1.0	1.2	.7	.80	2608.96
17	8749700	090710	IAT	00002.50	MASON CITY	0	19TH STREET	8360	.5	1.0	1.2	.7	.80	2608.96
17	8749746	134980	IAT	00000.60	MASON CITY	0	GEORGIA	1750	1.0	1.0	1.0	.7	.80	980.00
17	8749750	089580	IAT	00007.40	CLEAR LAKE	1	49S NW/C 15-96-21	110	1.0	1.0	1.0	.7	.80	61.60
17	874976K	089550	IAT	00004.10	MASON CITY	0	S EISENHOWER	1669	2.0	1.0	1.0	.7	.80	1669.28
78	875737N	136830	IAIS	00500.01	COUNCIL BLUFFS	0	16TH ST	2180	9.0	1.0	1.0	.7	1.00	13734.00
74	875815T	068120	CNW	00192.02	GRAETTINGER	1	NW/C 23-97-33	27	1.0	1.0	1.0	.8	.80	17.28
74	875818N	096500	CNW	00190.45	GRAETTINGER	1	90E 35SNW/C 26-97-33	15	1.0	1.0	1.0	.8	.85	10.20
74	875819V	068110	CNW	00190.30	GRAETTINGER	1	49S NW/C 25-97-33	60	1.0	1.0	1.2	.8	.80	46.08
74	875820F	096480	CNW	00189.67	GRAETTINGER	1	22E NW/C 36-97-33	19	1.0	1.0	1.0	.8	.80	12.16
74	875821W	068100	CNW	NONE	GRAETTINGER	1	40E NW/C 1-96-33	32	1.0	1.0	1.0	.8	.80	20.48
74	875822D	109100	CNW	00184.76	EMMETSBURG	0	SEVENTH ST.	250	1.0	1.0	1.0	.7	.80	140.00
74	875823K	109110	CNW	00184.87	EMMETSBURG	0	5TH ST	384	1.0	1.0	1.0	.7	.80	215.04
74	875825Y	109120	CNW	00185.34	EMMETSEURG	0	LAKE SHORE DR	783	1.0	1.0	1.2	.8	.80	601.34
74	875827M	007840	CNW	00185.89	EMMETSBURG	1	68S NW/C 18-96-32	320	1.0	1.0	2.0	.8	.80	409.60
74	875831C	014430	CNW	00184.34	EMMETSEURG	0	MAIN ST.	5410	1.0	.1	1.0	.7	.85	321.90
74	875832J	109090	CNW	00184.28	EMMETSBURG	0	TENTH	320	1.0	1.0	1.0	.7	.85	190.40
74	875833R	109080	CNW	00184.22	EMMETSBURG	0	11TH ST.	384	1.0	1.0	1.0	.7	.85	228.48
74	875834X	109070	CNW	00184.16	EMMETSBURG	0	12TH ST.	305	1.0	1.0	1.0	.7	.85	181.48
74	875837T	068020	CNW	00182.94	EMMETSBURG	1	32E NW/C 32-96-32	80	1.0	1.0	1.2	.8	.80	61.44
74	875840B	068030	CNW	00181.09	EMMETSBURG	1	60E NW/C 4-95-32	69	1.0	1.0	1.0	.8	.80	44.16
74	875841H	068040	CNW	00180.98	EMMETSBURG	1	10S NW/C 3-95-32	15	1.0	1.0	1.0	.8	.80	9.60
74	875842P	068050	CNW	00179.24	EMMETSBURG	1	50E NW/C 11-95-32	10	1.0	1.0	1.2	.8	.80	7.68
74	875845K	068060	CNW	00178.54	RODMAN	1	50S NW/C 12-95-32	60	1.0	1.0	1.0	.8	.80	38.40
74	875850G	068070	CNW	00177.22	RODMAN	1	30S NW/C 12-95-31	44	1.0	1.0	1.0	.8	.80	28.16

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
74	875852V	068080	CNW	00176.13	RODMAN	1	90E NW/C 19-95-31	5	1.0	1.0	1.2	.8	.80	3.84
74	875853C	068090	CNW	00175.89	RODMAN	1	10S NW/C 20-95-31	5	1.0	1.0	1.0	.8	.80	3.20
74	875854J	068010	CNW	00174.91	RODMAN	0	RODMAN AVE	310	1.0	1.0	1.2	.8	.85	252.96
74	875855R	068000	CNW	00174.50	RODMAN	1	15E NW/C 22-95-31	310	1.0	1.0	1.0	.8	.80	198.40
74	875857E	067990	CNW	00173.24	RODMAN	1	90E NW/C 33-95-31	45	1.0	1.0	1.2	.8	.80	34.56
74	875858L	067980	CNW	00173.14	RODMAN	1	10S NW/C 34-95-31	15	1.0	1.0	1.2	.8	.80	11.52
74	875861U	067970	CNW	00171.91	RODMAN	1	79E NW/C 3-94-31	25	1.0	1.0	1.2	.8	.80	19.20
74	875862B	067960	CNW	00171.59	WEST BEND	1	23S NW/C 2-94-31	35	1.0	1.0	1.2	.8	.80	26.88
74	875865W	067950	CNW	00170.51	WEST BEND	1	75E NW/C 11-94-31	80	1.0	1.0	1.0	.8	.80	51.20
74	875868S	125060	CNW	00168.72	WEST BEND	0	BROADWAY AVE	980	1.0	.6	1.2	.8	.85	479.81
55	875870T	013700	CNW	00168.51	WEST BEND	0	IA 15	1510	1.0	.6	1.0	.8	.85	616.08
55	875871A	034800	CNW	00167.94	WEST BEND	1	22E NW/C 19-94-30	560	.5	1.0	1.0	.7	.85	166.60
55	875872G	034810	CNW	00166.64	WEST BEND	1	10E NW/C 29-94-30	27	.5	1.0	1.0	.7	.80	7.56
55	875875C	034820	CNW	00165.44	WEST BEND	1	85E NW/C 32-94-30	35	.5	1.0	1.2	.7	.80	11.76
55	875876J	034830	CNW	00165.20	WEST BEND	1	20S NW/C 33-94-30	23	.5	1.0	1.2	.7	.80	7.73
46	875877R	032190	CNW	00164.31	OSAGE	1	61E NW/C 4-93-30	15	.5	1.0	1.0	.7	.80	4.20
46	875880Y	032200	CNW	00163.15	OTTOSEN	0	BRADY AVE.	653	1.0	1.0	1.0	.8	.85	444.04
46	875881F	032210	CNW	00162.80	BODE	1	52E NW/C 10-93-30	210	1.0	.6	1.0	.8	.80	80.64
46	875883U	032220	CNW	00161.13	OTTOSEN	1	61S NW/C 12-93-30	8	1.0	1.0	1.0	.8	.80	5.12
46	875884B	032230	CNW	00160.04	BODE	1	92S NW/C 7-93-29	26	1.0	1.0	1.0	.8	.80	16.64
46	875885H	032240	CNW	00159.86	BODE	1	18E NW/C 18-93-29	35	1.0	1.0	1.2	.8	.80	26.88
46	875886P	032250	CNW	00159.08	BODE	1	25S NW/C 17-93-29	28	1.0	1.0	1.0	.8	.80	17.92
46	875887K	032260	CNW	00158.10	BODE	0	HUMBOLDT AVE	790	1.0	.6	1.0	.8	.85	322.32
46	875890E	099110	CNW	00158.03	BODE	0	ROSSING AVE	392	1.0	1.0	1.0	.8	.85	266.56
46	875893A	010020	CNW	00156.54	BODE	1	47E NW/C 22-93-29	690	1.0	.6	1.2	.8	.80	317.95

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
46	875899R	C32270	CNW	00153.89	LIVERMORE	1	16S NW/C 19-93-28	23	1.0	1.0	1.0	.8	.80	14.72
46	875901P	113210	CNW	00152.59	LIVERMORE	0	4TH ST.	190	1.0	1.0	1.0	.8	.85	129.20
46	875902W	113200	CNW	00152.54	LIVERMORE	0	2ND ST	97	.5	1.0	1.0	.7	.80	27.16
46	875903D	113190	CNW	00152.48	LIVERMORE	0	1ST. ST.	170	1.0	1.0	1.0	.8	.80	108.80
46	875904K	032430	CNW	00152.38	LIVERMORE	0	COUNTY RD P56	415	1.0	1.0	1.0	.8	.80	265.60
46	875906Y	032440	CNW	00150.73	LIVERMORE	1	50E80S NW/C 21-93-28	56	1.0	1.0	1.0	.8	.80	35.84
46	875908M	032450	CNW	00150.24	LIVERMORE	1	94S NW/C 22-93-28	48	1.0	1.0	1.0	.8	.80	30.72
46	875909U	032460	CNW	00150.09	LIVERMORE	1	18E NW/C 27-93-28	32	1.0	1.0	1.2	.8	.80	24.58
46	875912C	032470	CNW	00147.87	HARDY	1	94S NW/C 25-93-28	26	1.0	1.0	1.0	.8	.80	16.64
46	875913J	032480	CNW	00147.58	HARDY	1	25E10S NW/C 36-93-28	39	1.0	1.0	1.0	.8	.80	24.96
46	875915X	032490	CNW	00146.90	HARDY	1	63E50S NW/C 36-93-28	39	1.0	1.0	1.2	.8	.80	29.95
46	875916E	032500	CNW	00146.67	HARDY	1	63S NW/C 31-93-27	52	1.0	1.0	1.2	.8	.80	39.94
46	875917L	032510	CNW	00146.05	HARDY	1	50E NW/C 6-92-27	19	1.0	1.0	1.2	.8	.80	14.59
46	875918T	032520	CNW	00145.53	HARDY	1	28S NW/C 5-92-27	15	1.0	1.0	1.0	.8	.80	9.60
46	875919A	032530	CNW	00144.76	HARDY	1	66E50S NW/C 5-92-27	230	1.0	1.0	1.2	.8	.85	137.68
46	875920U	032540	CNW	00144.41	HARDY	0	CLINTON AVE	500	1.0	1.0	1.0	.8	.85	340.00
46	875923P	032550	CNW	00143.24	HARDY	1	15S NW/C 10-92-27	23	1.0	1.0	1.2	.8	.80	17.66
46	875925D	032560	CNW	00141.94	HARDY	1	96S NW/C 11-92-27	38	1.0	1.0	1.0	.8	.80	24.32
46	875926K	032570	CNW	00141.89	HARDY	1	03E NW/C 14-92-27	25	1.0	1.0	1.0	.8	.80	16.00
46	875928Y	032580	CNW	00140.55	GOLDFIELD	1	99S NW/C 13-92-27	15	1.0	1.0	1.2	.8	.80	11.52
46	875929F	032590	CNW	00140.53	GOLDFIELD	1	01E NW/C 24-92-27	130	1.0	1.0	1.2	.8	.80	99.84
99	875930A	015290	CNW	00139.23	GOLDFIELD	1	82S NW/C 19-92-26	850	1.0	.6	1.0	.8	.80	326.40
99	875933V	043440	CNW	00137.91	GOLDFIELD	1	63S NW/C 29-92-26	20	1.0	1.0	1.2	.8	.80	15.36
99	875934C	002030	CNW	00137.29	GOLDFIELD	1	50E02S NW/C 32-92-26	5	1.0	1.0	1.0	.8	.80	3.20
99	875937X	110670	CNW	00136.40	GOLDFIELD	0	MILL ST.	113	1.0	1.0	1.0	.8	.85	76.84



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
99	875938E	043450	CNW	00136.03	GOLDFIELD	0	MAIN ST	219	1.0	1.0	1.0	.8	.85	148.92
99	875949S	008570	CNW	00128.25	CLARION	1	37E NW/C 2-91-25	2860	1.0	.6	1.2	.8	.80	1317.89
99	875951T	102410	CNW	00127.17	CLARION	0	10TH ST. S.W.	190	1.0	1.0	1.0	.8	.85	129.20
32	875979J	095680	CNW	00204.38	ESTHERVILLE	1	25E NW/C 25-99-34	16	2.0	1.0	1.0	.8	.80	20.48
32	875980D	066230	CNW	00203.20	ESTHERVILLE	1	90E NW/C 36-99-34	50	2.0	1.0	1.0	.8	.80	64.00
32	875983Y	066620	CNW	00201.16	WALLINGFORD	1	05E NW/C 7-98-33	8	2.0	1.0	1.0	.8	.80	10.24
32	875984F	066220	CNW	00200.64	WALLINGFORD	0	ST. JAMES ST.	590	2.0	1.0	1.0	.8	.85	802.40
32	875989P	066370	CNW	00197.50	GRAETTINGER	1	99E50S NW/C 30-98-33	43	2.0	1.0	1.0	.8	.80	55.04
74	875992X	096490	CNW	00195.81	GRAETTINGER	1	90E NW/C 5-97-33	94	2.0	1.0	1.0	.8	.80	120.32
74	875994L	125770	CNW	00194.65	GRAETTINGER	0	HOFFMAN	219	1.0	1.0	1.0	.8	.85	148.92
74	875995T	068140	CNW	00194.43	GRAETTINGER	0	ROBINS AVE	835	1.0	.6	1.0	.8	.85	340.68
74	875996A	125780	CNW	00194.25	GRAETTINGER	0	PATTERSON	219	1.0	1.0	1.0	.8	.80	140.16
74	875998N	068130	CNW	00192.93	GRAETTINGER	1	50E 30SNW/C 15-97-33	37	1.0	1.0	1.2	.8	.80	28.42
77	876001C	106430	CNW	00073.60	DES MOINES	0	DEAN AVE	3620	12.0	.6	1.0	.7	.85	15508.08
77	876002J	106420	CNW	00073.60	DES MOINES	0	WALNUT	1920	.5	.6	1.0	.7	.85	342.72
77	876003R	106410	CNW	00073.00	DES MOINES	0	CAPITOL	516	12.0	.6	1.0	.7	.85	2210.54
77	876004X	095790	CNW	NONE	DES MOINES	0	GRAND AVE.	2500	12.0	.6	1.0	.7	.80	10080.00
77	876005E	106690	CNW	NONE	DES MOINES	0	DES MOINES ST	337	12.0	.6	1.0	.7	.85	1443.71
77	876006L	092100	CNW	NONE	DES MOINES	0	HUBBELL AVE	9450	12.0	.6	1.0	.7	.85	40483.80
77	876009G	106710	CNW	NONE	DES MOINES	0	EASTON BLVD.	1359	12.0	.6	1.0	.7	.85	5821.96
77	876010B	081450	CNW	NONE	DES MOINES	0	HULL AVE	3962	12.0	.1	1.0	.7	.80	2662.46
77	876012P	095770	CNW	00077.30	DES MOINES	1	60E NW/C 24-79-24	5340	9.0	.1	1.0	.7	.80	2691.36
77	876015K	047070	CNW	00078.30	DES MOINES	1	52S NW/C 7-79-23	1920	8.0	.1	1.0	.7	.80	860.16
77	876017Y	047060	CNW	00078.78	DES MOINES	1	36E NW/C 7-79-23	500	8.0	1.0	1.0	.7	.80	2240.00
77	876018F	047050	CNW	00080.56	DES MOINES	1	63S NW/C 5-79-23	690	8.0	.6	1.0	.7	.80	1854.72

EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
77	8760206	047030	CNW	00082.19	DES MOINES	1	44E NW/C 4-79-23	60	8.0	1.0	1.0	.9	.80	345.60
77	876021N	047020	CNW	00083.16	DES MOINES	1	49E NW/C 33-80-23	1322	8.0	.1	1.0	.9	.80	761.47
77	876022V	047010	CNW	00085.20	ELKHART	1	58E NW/C 21-80-23	1810	8.0	.1	1.0	.9	.85	1107.72
77	876023C	047000	CNW	00086.51	ELKHART	1	75E NW/C 16-80-23	40	8.0	1.0	1.0	.9	.85	244.80
77	876024J	046990	CNW	00086.94	ELKHART	1	75E27S NW/C 9-80-23	65	8.0	1.0	1.0	.9	.80	374.40
77	876027E	046980	CNW	00088.31	ELKHART	1	75E NW/C 4-80-23	40	8.0	1.0	1.0	.9	.80	230.40
77	876029T	046970	CNW	00089.31	ELKHART	0	WALNUT ST.	1060	8.0	.1	1.0	.9	.85	648.72
77	876030M	091570	CNW	00089.46	ELKHART	0	MAIN ST.	120	8.0	.1	1.0	.9	.85	73.44
77	876032B	046960	CNW	00090.31	ELKHART	1	76E NW/C 28-81-23	20	8.0	1.0	1.0	.9	.80	115.20
77	876033H	046950	CNW	00091.20	ELKHART	1	77E11S NW/C 21-81-23	45	8.0	1.0	1.0	.9	.80	259.20
77	876035W	046940	CNW	00092.34	ELKHART	1	NW/C 15-81-23	188	8.0	.6	1.0	.9	.80	649.73
77	876037K	046930	CNW	00093.37	ELKHART	1	20E NW/C 10-81-23	70	8.0	.6	1.0	.9	.80	241.92
85	876042G	066820	CNW	00096.36	CAMBRIDGE	1	90E NW/C 28-82-23	35	8.0	.1	1.0	.9	.80	20.16
85	876044V	066830	CNW	00097.01	CAMBRIDGE	0	4TH ST.	470	8.0	.6	1.0	.9	.80	1624.32
85	876049E	066840	CNW	00099.37	CAMBRIDGE	1	50E NW/C 9-82-23	50	8.0	1.0	1.0	.9	.80	288.00
85	876051F	066850	CNW	00100.40	CAMBRIDGE	1	40E NW/C 4-82-23	26	8.0	1.0	1.0	.9	.80	149.76
85	876053U	066860	CNW	00101.46	CAMBRIDGE	1	50E NW/C 33-83-23	27	8.0	1.0	1.0	.9	.80	155.52
85	876057W	066870	CNW	00102.84	CAMBRIDGE	1	50E10S NW/C 27-83-23	110	8.0	1.0	1.0	.9	.80	633.60
85	876058D	066880	CNW	00103.06	CAMBRIDGE	1	70E NW/C 27-83-23	160	8.0	.6	1.2	.9	.85	705.02
85	876062T	066890	CNW	00104.57	CAMBRIDGE	1	90E NW/C 23-83-23	28	8.0	1.0	1.0	.9	.80	120.96
85	876063A	066900	CNW	00104.80	CAMBRIDGE	1	90S NW/C 13-83-23	45	8.0	1.0	1.0	.9	.80	194.40
85	876065N	066910	CNW	00105.77	CAMBRIDGE	1	75E25S NW/C 13-83-23	16	8.0	1.0	1.2	.9	.80	82.94
85	876067C	010950	CNW	00106.16	NEVADA	1	10S NW/C 18-83-22	1070	8.0	.1	1.0	.9	.80	616.32
85	876070K	128560	CNW	00106.74	NEVADA	0	S. 6TH ST	3010	8.0	.6	1.0	.9	.80	7801.92
85	876071S	091650	CNW	00106.85	NEVADA	0	7TH ST	283	8.0	1.0	1.0	.9	.80	1222.56

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
85	876072Y	022570	CNW	00106.94	NEVADA	0	8TH ST.	120	6.0	.1	1.0	.9	.80	51.84
85	876074M	013900	CNW	00107.10	NEVADA	0	11TH ST.	726	6.0	.1	1.0	.9	.85	333.23
85	876075U	066920	CNW	00107.71	NEVADA	1	50E45S Ww/C 8-83-22	240	6.0	1.0	1.0	.9	.80	1036.80
85	876078P	081410	CNW	00109.20	NEVADA	1	20S Nw/C 10-83-22	690	6.0	.1	1.0	.9	.80	298.08
85	876081X	023830	CNW	00110.86	NEVADA	1	60E Nw/C 3-83-22	25	6.0	1.0	1.0	.9	.80	108.00
85	876082E	066940	CNW	00111.90	NEVADA	1	50E Nw/C 34-84-22	30	6.0	1.0	1.0	.9	.80	129.60
85	876083L	066950	CNW	00112.87	NEVADA	1	50E Nw/C 27-84-22	40	6.0	1.0	1.0	.9	.80	172.80
85	876084T	081420	CNW	00113.38	NEVADA	1	45E50S Nw/C22-84-22	160	2.0	.1	1.0	.9	.85	24.48
85	876085A	066960	CNW	00113.38	NEVADA	1	50E Nw/C 22-84-22	814	6.0	.6	1.0	.9	.80	2109.89
85	876086G	066970	CNW	00114.89	NEVADA	1	50E Nw/C 15-84-22	10	6.0	1.0	1.0	.9	.80	43.20
85	876088V	066980	CNW	00115.90	NEVADA	1	50E Nw/C 10-84-22	31	6.0	1.0	1.0	.9	.80	133.92
85	876089C	067000	CNW	00118.99	NEVADA	1	50E Nw/C 34-85-22	45	6.0	1.0	1.0	.9	.80	174.40
85	876090W	067010	CNW	00119.01	NEVADA	1	50E Nw/C 27-85-22	25	6.0	1.0	1.0	.9	.80	108.00
85	876091D	114850	CNW	00119.81	MC CALLSBURG	0	1ST ST.	219	6.0	1.0	1.0	.9	.85	1005.21
85	876092K	067020	CNW	00120.09	MC CALLSBURG	0	2ND ST.	990	6.0	.6	1.0	.9	.80	2566.08
85	876093S	067030	CNW	00120.91	MC CALLSBURG	1	50E Nw/C 15-85-22	15	6.0	1.0	1.0	.9	.80	64.80
85	876094Y	067040	CNW	00122.00	MC CALLSBURG	1	50E Nw/C 10-85-22	32	2.0	1.0	1.0	.9	.80	46.08
85	876095F	067050	CNW	00122.95	MC CALLSBURG	1	55E Nw/C 3-85-22	10	6.0	1.0	1.0	.9	.80	43.20
42	876096M	067060	CNW	00123.95	MC CALLSBURG	1	50E Nw/C 34-86-22	62	6.0	1.0	1.0	.9	.80	267.84
42	876097U	067070	CNW	00124.99	MC CALLSBURG	1	50E Nw/C 27-86-22	444	6.0	.6	1.0	.9	.80	1150.85
42	876099H	067080	CNW	00125.46	MC CALLSBURG	1	50E50S Nw/C 22-86-22	250	6.0	.1	1.0	.9	.85	114.75
42	876101G	067090	CNW	00125.95	MC CALLSBURG	1	50E Nw/C 22-86-22	30	6.0	1.0	1.0	.9	.80	129.60
42	876102N	067100	CNW	00126.95	MC CALLSBURG	1	50E Nw/C 15-86-22	20	6.0	1.0	1.0	.9	.80	86.40
42	876103V	067110	CNW	00127.95	MC CALLSBURG	1	50E Nw/C 10-86-22	50	6.0	1.0	1.0	.9	.80	216.00
42	876104C	067120	CNW	00128.96	MC CALLSBURG	1	50E Nw/C 3-86-22	35	6.0	1.0	1.0	.9	.80	151.20



IOWA DEPARTMENT OF TRANSPORTATION  
RAIL AND WATER DIVISION

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	FF	AF	SF	RF	EXPOSURE INDEX
42	876106R	067130	CNW	00131.01	MC CALLSBURG	1	80E NW/C 27-87-22	26	6.0	1.0	1.0	.9	.80	112.32
42	876107X	067140	CNW	00131.24	MC CALLSBURG	1	75S NW/C 23-87-22	24	6.0	1.0	1.2	.9	.80	124.42
42	876109L	067150	CNW	00132.19	BUCKEYE	1	50E NW/C 23-87-22	20	6.0	1.0	1.0	.9	.80	86.40
42	876110F	067160	CNW	00133.19	BUCKEYE	1	50E NW/C 14-87-22	200	6.0	1.0	1.0	.9	.80	864.00
42	876112U	067170	CNW	00134.20	BUCKEYE	1	50E NW/C 11-87-22	36	6.0	1.0	1.0	.9	.80	155.52
42	876113B	067180	CNW	00135.24	BUCKEYE	1	50E NW/C 2-87-22	27	6.0	1.0	1.0	.9	.80	116.64
42	876114H	067190	CNW	00136.24	BUCKEYE	1	50E NW/C 35-88-22	458	6.0	.1	1.0	.9	.80	197.86
42	876115P	067200	CNW	00137.60	BUCKEYE	0	ELLSWORTH	110	6.0	1.0	1.0	.9	.85	504.90
42	876116W	067200	CNW	00137.74	BUCKEYE	0	PRAIRIE AVE	400	6.0	.1	1.0	.9	.80	172.80
42	876118K	067210	CNW	00139.39	BUCKEYE	1	10S NW/C 13-88-22	30	6.0	1.0	1.0	.9	.80	129.60
42	876120L	067230	CNW	00140.56	BUCKEYE	1	70E NW/C 12-88-22	284	6.0	.1	1.2	.9	.80	147.23
42	876123G	067240	CNW	00141.26	BUCKEYE	1	60ESOS NW/C 33-89-21	5	6.0	1.0	1.2	.9	.80	25.92
42	876125V	067250	CNW	00143.14	BUCKEYE	1	NW/C 34-89-21	40	2.0	1.0	1.0	.9	.80	57.60
42	876127J	067260	CNW	00144.66	IOWA FALLS	1	20E NW/C 26-89-21	65	6.0	1.0	1.2	.9	.80	336.96
42	876128R	067270	CNW	00144.98	IOWA FALLS	1	35ESOS NW/C 23-89-21	117	6.0	1.0	1.2	.9	.80	606.53
42	876129X	067280	CNW	00145.47	IOWA FALLS	1	80ESOS NW/C 23-89-21	200	6.0	1.0	1.2	.9	.80	1036.80
42	876130S	067290	CNW	00146.29	IOWA FALLS	0	RIVER ST	83	6.0	1.0	1.0	.9	.85	380.97
42	876132F	111550	CNW	00147.14	IOWA FALLS	0	PARK	800	6.0	1.0	1.2	.9	.80	4147.20
42	876134U	111480	CNW	00147.64	IOWA FALLS	0	WEST THIRD	200	5.0	1.0	1.0	.9	.80	720.00
42	876135B	111470	CNW	00147.71	IOWA FALLS	0	ROCKSYLVANIA	3012	5.0	.6	1.2	.9	.80	7607.10
42	876136H	140200	CNW	00147.77	IOWA FALLS	0	W.2ND	250	5.0	1.0	1.0	.9	.80	900.00
42	876137P	111500	CNW	00147.89	IOWA FALLS	0	SHERMAN	82	5.0	1.0	1.0	.9	.80	295.20
42	876139D	067290	CNW	00148.73	IOWA FALLS	1	80ESOS NW/C 7-89-20	170	5.0	1.0	1.0	.9	.85	650.25
35	876143T	028730	CNW	00151.13	IOWA FALLS	1	01E NW/C 22-90-20	32	5.0	1.0	1.0	.9	.80	115.20
35	8761456	028720	CNW	00152.13	IOWA FALLS	1	01E NW/C 29-90-20	21	5.0	1.0	1.0	.9	.80	75.60

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
35	876146N	028710	CNW	00153.16	IOWA FALLS	1	01E NW/C 20-90-20	26	5.0	.6	1.0	.9	.80	56.16
35	876147V	028690	CNW	00155.19	HAMPTON	1	95E NW/C 7-90-20	49	5.0	1.0	1.0	.9	.80	162.00
35	876148C	028680	CNW	00155.43	HAMPTON	1	75E70S NW/C 6-90-20	297	5.0	1.0	1.0	.9	.85	1136.03
35	876149J	052610	CNW	00155.53	HAMPTON	1	68E71S NW/C 6-90-20	440	5.0	.1	1.0	.9	.85	168.30
35	876150D	028670	CNW	00156.33	HAMPTON	1	35E NW/C 6-90-20	12	5.0	1.0	1.0	.9	.80	43.20
35	876151K	028660	CNW	00157.31	HAMPTON	1	40E NW/C 31-91-20	37	5.0	1.0	1.0	.9	.80	133.20
35	876152S	028650	CNW	00158.39	HAMPTON	1	75E NW/C 30-91-20	31	5.0	1.0	1.0	.9	.80	111.60
35	876155M	028640	CNW	00159.59	HAMPTON	1	35E NW/C 20-91-20	110	5.0	.6	1.2	.9	.80	285.12
35	876156U	028630	CNW	00160.57	HAMPTON	1	51E NW/C 17-91-20	47	5.0	1.0	1.0	.9	.80	169.20
35	876158H	028620	CNW	00162.71	HAMPTON	1	60E NW/C 5-91-20	270	5.0	1.0	1.2	.9	.80	1166.40
35	876159P	066420	CNW	00163.08	HAMPTON	1	80S NW/C 33-92-20	860	5.0	.1	1.2	.9	.85	394.74
35	876160J	012850	CNW	00163.67	HAMPTON	0	CENTRAL AVE.	6720	5.0	.1	1.0	.9	.85	2570.40
35	876161R	075270	CNW	00163.74	HAMPTON	0	1ST AVE NW	400	5.0	1.0	1.0	.9	.85	1530.00
35	876163E	134900	CNW	00164.14	HAMPTON	1	95S NW/C 28-92-20	445	5.0	1.0	1.2	.9	.80	1922.40
35	876168N	028250	CNW	00166.07	HAMPTON	1	50E NW/C 20-92-20	150	5.0	.1	1.0	.9	.80	54.00
35	876169V	028240	CNW	00167.05	HAMPTON	1	50E NW/C 17-92-20	33	5.0	1.0	1.0	.9	.80	118.80
35	876170P	028230	CNW	00168.07	HAMPTON	1	50E NW/C 8-92-20	400	5.0	.1	1.0	.9	.80	144.00
35	876173K	028220	CNW	00170.16	SHEFFIELD	1	50E NW/C 32-93-20	220	5.0	.1	1.0	.9	.85	84.15
35	876174S	028210	CNW	00171.16	SHEFFIELD	1	50E NW/C 29-93-20	69	5.0	1.0	1.0	.9	.80	248.40
35	876176F	028200	CNW	00172.16	SHEFFIELD	1	50E NW/C 20-93-20	78	5.0	1.0	1.0	.9	.80	280.80
35	876177M	028190	CNW	00173.16	SHEFFIELD	1	50E NW/C 17-93-20	50	5.0	1.0	1.0	.9	.80	180.00
35	876178U	028180	CNW	00174.14	SHEFFIELD	1	CO. RD. C-13	600	5.0	.1	1.0	.9	.80	216.00
35	876180V	028170	CNW	00174.93	SHEFFIELD	0	NO NAME ST.	113	2.0	1.0	1.0	.9	.85	172.89
17	876181C	069320	CNW	00175.77	SHEFFIELD	1	50E50S NW/C32-94-20	574	5.0	1.0	1.0	.9	.80	2066.40
17	876182J	069330	CNW	00177.29	MASON CITY	1	50E NW/C 29-94-20	65	2.0	1.0	1.0	.9	.80	93.60

## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
17	876134X	069340	CNW	00178.27	MASON CITY	1	50E NW/C 20-94-20	26	5.0	1.0	1.0	.9	.80	93.60
17	876137T	069350	CNW	00179.29	MASON CITY	1	50E NW/C 17-94-20	21	5.0	1.0	1.0	.9	.80	75.60
17	876139G	069360	CNW	00180.29	MASON CITY	1	50E NW/C 8-94-20	770	5.0	.1	1.0	.9	.80	277.20
17	876140E	069370	CNW	00181.27	MASON CITY	1	50E NW/C 5-94-20	60	5.0	1.0	1.0	.9	.80	216.00
17	876141H	069380	CNW	00182.27	MASON CITY	1	50E NW/C 32-95-20	55	5.0	.1	1.0	.9	.80	19.80
17	876142F	069390	CNW	00183.27	MASON CITY	1	50E NW/C 29-95-20	26	5.0	1.0	1.0	.9	.80	93.60
17	876143W	069400	CNW	00184.27	MASON CITY	1	50E NW/C 20-95-20	31	5.0	1.0	1.0	.9	.80	111.60
17	876144J	069410	CNW	00185.24	MASON CITY	1	50E NW/C 17-95-20	26	5.0	1.0	1.0	.9	.80	93.60
17	876145K	069420	CNW	00186.27	MASON CITY	1	50E NW/C 8-95-20	462	5.0	.6	1.0	.9	.80	997.92
17	876146S	069430	CNW	00187.36	MASON CITY	1	50E NW/C 5-95-20	39	5.0	1.0	1.0	.9	.80	140.40
17	876148F	069440	CNW	00188.36	MASON CITY	1	50E NW/C 32-96-20	68	5.0	1.0	1.0	.9	.80	244.80
17	876200E	069450	CNW	00189.39	MASON CITY	1	50E NW/C 29-96-20	39	5.0	1.0	1.0	.9	.80	140.40
17	876201L	134960	CNW	00190.89	MASON CITY	0	PIERCE	130	5.0	1.0	1.2	.9	.85	596.70
98	876211S	089620	IANR	00224.50	MANLY	0	BROADWAY	710	2.0	1.0	1.2	.7	.80	954.24
98	876212Y	003190	IANR	00224.60	MANLY	0	SOUTH ST.	2320	2.0	.6	1.2	.7	.80	1870.85
98	876213F	113900	CNW	00224.00	MANLY	0	MAIN ST.	392	5.0	1.0	1.0	.9	.80	1411.20
98	876214M	113890	CNW	NONE	MANLY	0	HARRIS ST.	558	6.0	1.0	1.0	.9	.85	2561.22
98	876215U	089660	CNW	00226.57	MANLY	1	80E NW/C 16-98-20	32	5.0	1.0	1.0	.9	.85	122.40
98	876218P	089680	CNW	00227.56	MANLY	1	80E NW/C 9-98-20	350	5.0	.6	1.0	.9	.80	756.00
98	876219W	081390	CNW	00228.51	MANLY	1	73E NW/C 4-98-20	20	5.0	1.0	1.0	.9	.80	72.00
98	876220R	111890	CNW	00229.16	KENSETT	0	1ST ST.	219	5.0	1.0	1.0	.9	.80	788.40
98	876221X	089690	CNW	00229.33	KENSETT	0	4TH ST	113	5.0	1.0	1.0	.9	.85	432.23
98	876223L	111880	CNW	00229.39	KENSETT	0	5TH ST.	342	5.0	1.0	1.0	.9	.85	1308.15
98	876224T	127850	CNW	00229.56	KENSETT	0	FAS 1529	172	5.0	.6	1.0	.9	.85	394.74
98	876227N	089700	CNW	00231.56	KENSETT	1	62E NW/C 21-99-20	60	5.0	1.0	1.0	.9	.80	216.00



## EXPOSURE INDEX LIST BY FRA NUMBER

CTY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
98	876230W	089710	CNW	00232.56	NORTHWOOD	1	60E NW/C 16-99-20	59	5.0	1.0	1.0	.9	.80	212.40
98	876231D	089720	CNW	00233.54	NORTHWOOD	1	57E NW/C 9-99-20	65	5.0	1.0	1.0	.9	.80	234.00
98	876234Y	089730	CNW	00235.34	NORTHWOOD	0	4TH AVE S.	219	5.0	1.0	1.0	.9	.80	788.40
98	876235F	015270	CNW	00235.56	NORTHWOOD	0	CENTRAL AVE	2140	5.0	.1	1.0	.9	.80	770.40
98	876237U	116770	CNW	00235.74	NORTHWOOD	0	2ND AVE.	342	5.0	1.0	1.0	.9	.85	1308.15
98	876241J	095960	CNW	00238.00	NORTHWOOD	1	40E NW/C 20-100-20	190	5.0	1.0	1.0	.9	.80	684.00
98	876243X	089740	CNW	00239.14	NORTHWOOD	1	87E NW/C 18-100-20	80	5.0	1.0	1.0	.9	.80	288.00
98	876244E	008560	CNW	00239.39	NORTHWOOD	1	78E50S NWC 7-100-20	37	5.0	1.0	1.0	.9	.80	133.20
77	903404R	130720	CNW	NONE	DES MOINES	0	PARK AVE	8200	14.0	.6	1.0	.7	.75	36162.00
23	909168J	139870	DRI	00157.30	CLINTON	0	ALLEY	10	3.0	1.0	1.0	.7	.75	999999.99
23	909169R	139880	DRI	00157.88	CLINTON	0	BOAT RAMP	20	3.0	.1	1.0	.7	.75	999999.99
82	909170K	129350	DRI	NONE	BETTENDORF	0	35TH ST	2010	.5	1.0	1.0	.7	.75	527.63
82	909171S	139750	DRI	NONE	BETTENDORF	0	42ND ST	215	1.5	1.0	1.0	.7	.75	169.31
63	909172Y	139740	IAIS	00115.37	PELLA	0	CLARK ST	1607	1.0	1.0	1.0	.8	.75	964.20
25	909173F	139800	IAIS	00379.00	DEXTER	1	02E60S NW/C 21-78-27	140	6.0	1.0	1.0	.9	.80	604.80
15	909174M	139690	IAIS	00441.00	ATLANTIC	1	50E NW/C 6-76-36	35	6.0	1.0	1.0	.9	.80	151.20
25	909175U	139810	IAIS	00391.40	DEXTER	1	50E80S NW/C 33-78-29	510	6.0	1.0	1.0	.9	.80	2203.20
77	909177H	139770	DMU	NONE	DES MOINES	0	MAURY ST	3500	.5	1.0	1.2	.7	.75	1102.50
77	909178P	139780	DMU	NONE	DES MOINES	0	SE 18TH ST	2090	.5	1.0	1.2	.7	.75	658.35
25	909180R	139420	IAIS	00392.00	DEXTER	1	53E50S NW/C 32-78-29	95	6.0	1.0	1.2	.9	.80	492.48
52	909184T	139760	CIC	00021.85	CORALVILLE	0	7TH AVE	272	2.0	1.0	1.0	.7	.80	304.64
52	909185A	140160	CIC	00027.15	IOWA CITY	0	RIVERSIDE DR.	1476	4.0	1.0	1.0	.7	.80	3306.24
34	909186G	140310	IANR	00210.60	NORA SPRINGS	0	HOCKER AVE	37	1.0	1.0	1.0	.7	.85	22.02
70	909187N	131590	S00		MUSCATINE	0	MAPLE GROVE RD.	400	.5	1.0	1.2	.7	.75	126.00
57	909188V	140370	CIC		CEDAR RAPIDS	0	26TH ST. S.W.	146	5.0	1.0	1.2	.7	.80	490.56

EXPOSURE INDEX LIST BY FRA NUMBER

CITY NO	FRA CROSSING	IOWA XING	RR NAME	RR MILEPOST	IOWA CITY NAME	CITY IND	STREET OR ROAD NAME	AADT	TN	PF	AF	SF	RF	EXPOSURE INDEX
84	909189C	127700	BN	NONE	HAWARDEN	0	E AVE	1860	.5	1.0	1.0	.7	.80	520.80
08	909190W	140530	BSV	NONE	BOONE	0	ELEVENTH ST	2094	.5	1.0	1.2	.7	.75	999999.99







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