

**Traffic Safety and Engineering Study for
Jackson Area Transportation Study**

Preliminary Analysis of High Crash Locations

and

Preliminary Analysis of Countywide Crash Trends and Characteristics

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Traffic and Safety Engineering Study Project Outline

1. Conduct preliminary crash analysis
 - Used to determine the high crash locations in the RDC ←
 - 30 will be selected for detailed analysis
2. Conduct detailed crash analysis
 - Review of all crash report forms (UD-10) for 30 study intersections
 - Conduct pattern analyses
 - Time variations; monthly, weekly, daily
 - Weather conditions
 - Crash types
 - Special circumstances (alcohol, speeding, unbelted, etc.)
 - Crash causation
3. Prepare collision diagrams for each of the study intersections (from UD-10s)
4. Collect field data at each of the study intersections
 - Peak period traffic counts
 - Speed studies
 - Existing conditions survey
 - Preparation of site diagrams (condition diagrams)
 - Photographs of each site
5. Perform traffic operation and safety analysis
 - Traffic flow analysis
 - Peak flow diagrams
 - Speed data analysis
 - Capacity analysis
 - Evaluation of Level of Service (LOS)
 - Signal progression analysis
 - For corridors with two or more study intersections
 - Safety deficiency analysis
 - Geometric
 - Traffic Control
 - Environmental
6. Perform countermeasure design and develop recommendations
 - Development of site-specific countermeasures
 - Geometric
 - Traffic Control
 - Development of policy-related countermeasures
 - Development of driver behavioral countermeasures
7. Develop an implementation plan
8. Develop an evaluation plan

SEE TABLE 4: Top 75 Intersections in MPO have been ranked based on crash frequency (2004-2006)

Preliminary MPO-wide analysis has been performed

Table 1. Intersections in Jackson County with Highest Total Crash Frequency, 2004

Rank	City/Township	Location	Crashes
1	Jackson	N WEST AVE @ W NORTH ST	31
2	Blackman Twp	AIRPORT RD @ WAYLAND DR	24
3	Jackson	N WEST AVE @ W GANSON ST	24
4	Blackman Twp	AIRPORT RD @ O NEILL DR	23
5	Jackson	N WEST AVE @ S WEST AVE	22
6	Blackman Twp	N BROWN ST @ W MICHIGAN AVE	20
7	Blackman Twp	ANDREW AVE @ CLINTON RD	18
8	Jackson	N WEST AVE @ WILDWOOD AVE	16
9	Jackson	N WEST AVE @ W ARGYLE ST	16
10	Jackson	N WEST AVE @ W MONROE ST	16
11	Spring Arbor Twp	REYNOLDS RD @ SPRING ARBOR RD	15
12	Blackman Twp	ROBINSON RD @ W MICHIGAN AVE	15
13	Blackman Twp	LAURENCE AVE @ W MICHIGAN AVE	15
14	Jackson	E LOUIS GLICK HWY @ FRANCIS ST	14
15	Blackman Twp	E MICHIGAN AVE @ S DETTMAN RD	14
16	Liberty Twp	JEFFERSON RD @ S MERIDIAN RD	14
17	Jackson	N WISNER ST @ W GANSON ST	14
18	Jackson	E MICHIGAN AVE @ S MECHANIC ST	14
19	Jackson	N WISNER ST @ W ARGYLE ST	14
20	Blackman Twp	AIRPORT RD @ COUNTY FARM RD	14
21	Jackson	E LOUIS GLICK HWY @ N MECHANIC ST	13
22	Blackman Twp	AIRPORT RD @ W ARGYLE ST	13
23	Jackson	N BLACKSTONE ST @ W LOUIS GLICK HWY	13
24	Blackman Twp	AIRPORT RD @ SCHEELE DR	13
25	Jackson	COOPER ST @ W NORTH ST	13
26	Summit Twp	S BROWN ST @ SPRING ARBOR RD	13
27	Blackman Twp	LANSING AVE @ W PARNALL RD	12
28	Blackman Twp	LAURENCE AVE @ WILDWOOD AVE	12
29	Jackson	N WISNER ST @ W MICHIGAN AVE	12
30	Jackson	E WASHINGTON AVE @ S MECHANIC ST	12
31	Jackson	N WEST AVE @ COMMONWEALTH AVE	12
32	Jackson	E MORRELL ST @ FRANCIS ST	12
33	Jackson	N WISNER ST @ WILDWOOD AVE	11
34	Leoni Twp	FAIRFAX ST @ PAGE AVE	11
35	Blackman Twp	CLINTON RD @ RIVES JUNCTION RD	11
36	Jackson	N WISNER ST @ W NORTH ST	11
37	Jackson	E GANSON ST @ N ELM AVE	10
38	Jackson	E MICHIGAN AVE @ S EAST AVE	10
39	Jackson	N JACKSON ST @ W LOUIS GLICK HWY	10
40	Summit Twp	ROBINSON RD @ SPRING ARBOR RD	10
41	Jackson	E MICHIGAN AVE @ S ELM AVE	9
42	Parma	E MICHIGAN AVE @ S UNION ST	9
43	Liberty Twp	E LIBERTY RD @ S MERIDIAN RD	9
44	Jackson	S WEST AVE @ W FRANKLIN ST	9
45	Jackson	S BROWN ST @ W MORRELL ST	9
46	Jackson	LANSING AVE @ W NORTH ST	9
47	Columbia Twp	JEFFERSON RD @ HYDE RD	9
48	Jackson	LANSING AVE @ W GANSON ST	9
49	Jackson	S WEST AVE @ W HIGH ST	9
50	Jackson	S WEST AVE @ W WASHINGTON AVE	9

51	Jackson	GREENWOOD AVE @ W BIDDLE ST	8
52	Jackson	STEWARD AVE @ W GANSON ST	8
53	Liberty Twp	E KIMMEL RD @ S JACKSON RD	8
54	Blackman Twp	E MICHIGAN AVE @ S ROBERTS ST	8
55	Leoni Twp	N US 127/PAGE RAMP @ PAGE/N US 127 RAMP	8
56	Jackson	GRISWOLD ST @ KIBBY RD	8
57	Jackson	S BLACKSTONE ST @ W WASHINGTON AVE	8
58	Blackman Twp	W MICHIGAN AVE @ 18TH ST	8
59	Jackson	E MICHIGAN AVE @ S GORHAM ST	8
60	Sandstone Twp	W MICHIGAN AVE @ S DEARING RD	8
61	Summit Twp	M 60 @ SPRING ARBOR RD	7
62	Jackson	E HIGH ST @ FRANCIS ST	7
63	Jackson	E HIGH ST @ S COOPER ST	7
64	Jackson	N JACKSON ST @ W MICHIGAN AVE	7
65	Jackson	N JACKSON ST @ W GANSON ST	7
66	Jackson	STEWARD AVE @ W MICHIGAN AVE	7
67	Jackson	E MICHIGAN AVE @ S VAN DORN ST	7
68	Leoni Twp	E MICHIGAN AVE @ S SUTTON RD	7
69	Jackson	E WASHINGTON AVE @ FRANCIS ST	7
70	Jackson	E MICHIGAN AVE @ S WATERLOO AVE	7
71	Jackson	S JACKSON ST @ W WASHINGTON AVE	7
72	Jackson	E NORTH ST @ N WATERLOO AVE	7
73	Jackson	E MICHIGAN AVE @ PAGE AVE	7
74	Jackson	LANSING AVE @ W MONROE ST	7
75	Jackson	N WEST AVE @ SPARKS ST	7
76	Jackson	E GANSON ST @ N MECHANIC ST	6
77	Leoni Twp	E MICHIGAN AVE @ S PORTAGE RD	6
78	Blackman Twp	BLACKMAN RD @ SPRINGPORT RD	6
79	Jackson	GREENWOOD AVE @ W MORRELL ST	6
80	Jackson	PAGE AVE @ PLYMOUTH ST	6
81	Blackman Twp	AIRPORT RD @ E I 94	6
82	Jackson	PAGE AVE @ S ELM AVE	6
83	Grass Lake Twp	E MICHIGAN AVE @ NORVELL RD	6
84	Jackson	1ST ST @ W WASHINGTON AVE	6
85	Leoni Twp	PAGE AVE @ FALAHEE RD	6
86	Jackson	E MICHIGAN AVE @ BATES ST	6
87	Summit Twp	HINCKLEY BLVD @ STONEWALL RD	6
88	Jackson	W MICHIGAN AVE @ 4TH ST	6
89	Jackson	E WASHINGTON AVE @ E WASHINGTON AVE	6
90	Blackman Twp	E I 94 @ COOPER ST	6
91	Leoni Twp	ANN ARBOR RD @ S US 127	6
92	Jackson	STEWARD AVE @ WILDWOOD AVE	6
93	Parma Twp	E I 94 @ W MICHIGAN AVE	6
94	Jackson	S JACKSON ST @ W CORTLAND AVE	6
95	Blackman Twp	S US 127/SPRINGPORT RAMP @ HOLIDAY INN DR	6
96	Jackson	S BROWN ST @ W WASHINGTON AVE	6
97	Grass Lake Twp	E I 94 @ CLEAR LAKE RD	6
98	Jackson	E WESLEY AVE @ FRANCIS ST	6
99	Jackson	N WISNER ST @ W MONROE ST	6
100	Sandstone Twp	N SANDSTONE RD @ W MICHIGAN AVE	6

Table 2. Intersections in Jackson County with Highest Total Crash Frequency, 2005

Rank	City/Township	Location	Crashes
1	Jackson	N WEST AVE @ S WEST AVE	32
2	Jackson	N WEST AVE @ WILDWOOD AVE	27
3	Jackson	N WEST AVE @ W NORTH ST	21
4	Jackson	N WEST AVE @ W MONROE ST	20
5	Jackson	S JACKSON ST @ W WASHINGTON AVE	20
6	Blackman Twp	AIRPORT RD @ O NEILL DR	19
7	Blackman Twp	N BROWN ST @ W MICHIGAN AVE	19
8	Jackson	N WEST AVE @ W GANSON ST	16
9	Jackson	N WISNER ST @ WILDWOOD AVE	16
10	Jackson	N WEST AVE @ W ARGYLE ST	15
11	Blackman Twp	E MICHIGAN AVE @ S DETTMAN RD	15
12	Jackson	N WISNER ST @ W GANSON ST	14
13	Blackman Twp	AIRPORT RD @ SCHEELE DR	14
14	Blackman Twp	ANDREW AVE @ CLINTON RD	14
15	Jackson	N BLACKSTONE ST @ W LOUIS GLICK HWY	13
16	Liberty Twp	JEFFERSON RD @ S MERIDIAN RD	13
17	Leoni Twp	ANN ARBOR RD @ S US 127	13
18	Blackman Twp	AIRPORT RD @ W ARGYLE ST	12
19	Jackson	E PROSPECT ST @ FRANCIS ST	12
20	Jackson	E MICHIGAN AVE @ S GORHAM ST	12
21	Blackman Twp	LAURENCE AVE @ WILDWOOD AVE	11
22	Blackman Twp	CLINTON RD @ RIVES JUNCTION RD	11
23	Jackson	E WASHINGTON AVE @ E WASHINGTON AVE	11
24	Jackson	E MICHIGAN AVE @ S MECHANIC ST	11
25	Jackson	E WASHINGTON AVE @ S MECHANIC ST	11
26	Blackman Twp	ROBINSON RD @ W MICHIGAN AVE	11
27	Jackson	E WASHINGTON AVE @ FRANCIS ST	11
28	Jackson	N WISNER ST @ W MICHIGAN AVE	11
29	Jackson	N WISNER ST @ W MONROE ST	10
30	Spring Arbor Twp	MOSCOW RD @ SPRING ARBOR RD	10
31	Jackson	STEWART AVE @ W GANSON ST	10
32	Blackman Twp	AIRPORT RD @ WAYLAND DR	10
33	Leoni Twp	N FALAHEE RD @ PAGE AVE	10
34	Summit Twp	SPRING ARBOR RD @ ROBINSON RD	10
35	Blackman Twp	N US 127 @ W I 94/N CLINTON RAMP	9
36	Leoni Twp	N US 127/PAGE RAMP @ PAGE/N US 127 RAMP	9
37	Jackson	S WEST AVE @ W WASHINGTON AVE	9
38	Jackson	S WEST AVE @ W HIGH ST	9
39	Jackson	E MICHIGAN AVE @ ORANGE ST	9
40	Jackson	S BLACKSTONE ST @ W WASHINGTON AVE	9
41	Summit Twp	FERGUSON RD @ S JACKSON RD	9
42	Jackson	E MICHIGAN AVE @ S WATERLOO AVE	9
43	Jackson	N WEST AVE @ NORFOLK ST	9
44	Jackson	N WISNER ST @ W ARGYLE ST	9
45	Jackson	N WISNER ST @ W NORTH ST	9
46	Jackson	N JACKSON ST @ W LOUIS GLICK HWY	9
47	Concord	ALBION RD @ W JACKSON RD	9
48	Blackman Twp	W I 94 @ N ELM AVE	8
49	Jackson	E HIGH ST @ FRANCIS ST	8
50	Jackson	E MICHIGAN AVE @ PAGE AVE	8

51	Jackson	COMMONWEALTH AVE @ N WEST AVE	8
52	Leoni Twp	PAGE AVE @ S DETTMAN RD	8
53	Jackson	S WEST AVE @ W FRANKLIN ST	8
54	Blackman Twp	COOPER RD @ W PARNALL RD	8
55	Jackson	S JACKSON ST @ W WESLEY AVE	8
56	Jackson	COOPER ST @ W NORTH ST	8
57	Blackman Twp	LANSING AVE @ W PARNALL RD	8
58	Jackson	COOPER ST @ S COOPER ST	8
59	Spring Arbor Twp	REYNOLDS RD @ SPRING ARBOR RD	8
60	Sandstone Twp	COUNTY FARM RD @ N DEARING RD	8
61	Jackson	E HIGH ST @ S COOPER ST	8
62	Blackman Twp	E I 94 @ N ELM AVE	7
63	Jackson	E LOUIS GLICK HWY @ FRANCIS ST	7
64	Jackson	E MICHIGAN AVE @ S PLEASANT ST	7
65	Jackson	E MICHIGAN AVE @ S ELM AVE	7
66	Jackson	S WISNER ST @ W MORRELL ST	7
67	Liberty Twp	CROUCH RD @ S JACKSON RD	7
68	Summit Twp	MCCAIN RD @ ROBINSON RD	7
69	Blackman Twp	W I 94 @ COOPER ST	7
70	Jackson	S BROWN ST @ W WASHINGTON AVE	7
71	Sandstone Twp	N DEARING RD @ W MICHIGAN AVE	7
72	Blackman Twp	RIVES JUNCTION RD @ RIVES JUNCTION RD	7
73	Jackson	S BROWN ST @ W MORRELL ST	7
74	Jackson	STEWART AVE @ W MICHIGAN AVE	7
75	Summit Twp	S BROWN ST @ SPRING ARBOR RD	7
76	Blackman Twp	AIRPORT RD @ W I 94	7
77	Leoni Twp	E MICHIGAN AVE @ S SUTTON RD	6
78	Napoleon Twp	AUSTIN RD @ BROOKLYN RD	6
79	Leoni Twp	E SOUTH ST @ FLANSBURG RD	6
80	Jackson	E CORTLAND AVE @ FRANCIS ST	6
81	Jackson	N JACKSON ST @ W GANSON ST	6
82	Jackson	E WESLEY AVE @ S MECHANIC ST	6
83	Blackman Twp	COOPER ST @ E I 94	6
84	Blackman Twp	W MICHIGAN AVE @ 18TH ST	6
85	Leoni Twp	PAGE AVE @ PAGE/S US 127 RAMP	6
86	Jackson	S WEST AVE @ W MORRELL ST	6
87	Jackson	N DURAND ST @ W MICHIGAN AVE	6
88	Blackman Twp	CLINTON WAY @ W PARNALL RD	6
89	Summit Twp	FRANCIS ST @ FRANCIS ST	6
90	Hanover Twp	HANOVER RD @ MOSCOW RD	6
91	Leoni Twp	FAIRFAX ST @ PAGE AVE	6
92	Blackman Twp	AIRPORT RD @ E I 94	6
93	Blackman Twp	CATHERINE ST @ ROBINSON RD	6
94	Jackson	LANSING AVE @ W MONROE ST	6
95	Jackson	E LOUIS GLICK HWY @ N MECHANIC ST	6
96	Blackman Twp	N US 127 @ W PARNALL RD	6
97	Liberty Twp	S MERIDIAN RD @ S MERIDIAN RD	6
98	Jackson	GREENWOOD AVE @ 4TH ST	6
99	Blackman Twp	N ELM AVE @ ROSEHILL RD	5
100	Columbia Twp	JEFFERSON RD @ OCEAN BEACH RD	5

Table 3. Intersections in Jackson County with Highest Total Crash Frequency, 2006

Rank	City/Township	Location	Crashes
1	Blackman Twp	AIRPORT RD @ O NEILL DR	28
2	Jackson	N WEST AVE @ S WEST AVE	27
3	Blackman Twp	N BROWN ST @ W MICHIGAN AVE	21
4	Jackson	N WEST AVE @ W NORTH ST	19
5	Blackman Twp	ANDREW AVE @ CLINTON RD	18
6	Blackman Twp	COOPER RD @ W PARNALL RD	17
7	Jackson	N WISNER ST @ W GANSON ST	16
8	Jackson	N WEST AVE @ W MONROE ST	16
9	Jackson	S JACKSON ST @ W WASHINGTON AVE	16
10	Blackman Twp	LAURENCE AVE @ WILDWOOD AVE	16
11	Jackson	N WEST AVE @ W ARGYLE ST	15
12	Blackman Twp	LANSING AVE @ W PARNALL RD	15
13	Jackson	N WEST AVE @ WILDWOOD AVE	15
14	Blackman Twp	E MICHIGAN AVE @ S DETTMAN RD	14
15	Jackson	E WASHINGTON AVE @ FRANCIS ST	14
16	Jackson	N WEST AVE @ W GANSON ST	14
17	Jackson	S WEST AVE @ W WASHINGTON AVE	13
18	Jackson	E MICHIGAN AVE @ S GORHAM ST	12
19	Jackson	E MICHIGAN AVE @ S ELM AVE	12
20	Jackson	E WASHINGTON AVE @ S MECHANIC ST	12
21	Jackson	COOPER ST @ S COOPER ST	12
22	Summit Twp	S BROWN ST @ SPRING ARBOR RD	12
23	Leoni Twp	N FALAHEE RD @ PAGE AVE	11
24	Blackman Twp	AIRPORT RD @ COUNTY FARM RD	11
25	Jackson	E MICHIGAN AVE @ S EAST AVE	10
26	Jackson	E LOUIS GLICK HWY @ N MECHANIC ST	10
27	Blackman Twp	AIRPORT RD @ WAYLAND DR	10
28	Leoni Twp	PAGE AVE @ FAIRFAX ST	10
29	Spring Arbor Twp	MOSCOW RD @ SPRING ARBOR RD	10
30	Jackson	N WISNER ST @ W ARGYLE ST	10
31	Blackman Twp	N US 127/PARNALL RAMP @ W PARNALL RD	10
32	Blackman Twp	AIRPORT RD @ SCHEELE DR	10
33	Jackson	STEWARD AVE @ W GANSON ST	10
34	Jackson	E MICHIGAN AVE @ S MECHANIC ST	9
35	Blackman Twp	E I 94 @ N ELM AVE	9
36	Blackman Twp	W I 94 @ N ELM AVE	9
37	Summit Twp	ROBINSON RD @ SPRING ARBOR RD	9
38	Jackson	E MICHIGAN AVE @ S WATERLOO AVE	9
39	Jackson	S JACKSON ST @ W WESLEY AVE	9
40	Blackman Twp	21ST ST @ W MICHIGAN AVE	9
41	Blackman Twp	AIRPORT RD @ E I 94	9
42	Jackson	E MICHIGAN AVE @ S HORTON ST	8
43	Napoleon Twp	BROOKLYN RD @ NAPOLEON RD	8
44	Jackson	S BLACKSTONE ST @ W WASHINGTON AVE	8
45	Jackson	S BROWN ST @ W MORRELL ST	8
46	Blackman Twp	AIRPORT RD @ W I 94/AIRPORT RAMP	8
47	Brooklyn	S MAIN ST @ WAMPLERS LAKE RD	8
48	Jackson	N JACKSON ST @ W LOUIS GLICK HWY	8
49	Spring Arbor Twp	REYNOLDS RD @ SPRING ARBOR RD	8
50	Blackman Twp	AIRPORT RD @ W I 94	8

51	Jackson	N BLACKSTONE ST @ W GANSON ST	8
52	Blackman Twp	LANSING AVE @ SHIRLEY DR	8
53	Blackman Twp	W MICHIGAN AVE @ 18TH ST	7
54	Jackson	S WEST AVE @ W MORRELL ST	7
55	Blackman Twp	SPRINGPORT RD @ HOLIDAY INN DR	7
56	Blackman Twp	SHIRLEY DR @ W PARNALL RD	7
57	Jackson	N JACKSON ST @ W GANSON ST	7
58	Jackson	LANSING AVE @ W NORTH ST	7
59	Jackson	N WEST AVE @ COMMONWEALTH AVE	7
60	Jackson	E MICHIGAN AVE @ S PERRINE ST	7
61	Jackson	BROOKLYN RD @ E SOUTH ST	7
62	Leoni Twp	ANN ARBOR RD @ BENDER ST	7
63	Jackson	LANSING AVE @ STEWARD AVE	7
64	Jackson	E HIGH ST @ FRANCIS ST	7
65	Jackson	E PROSPECT ST @ S COOPER ST	7
66	Jackson	PAGE AVE @ S ELM AVE	7
67	Jackson	N JACKSON ST @ W MICHIGAN AVE	7
68	Leoni Twp	E MICHIGAN AVE @ S SUTTON RD	7
69	Summit Twp	KIBBY RD @ ROBINSON RD	7
70	Jackson	S WISNER ST @ W MORRELL ST	6
71	Leoni Twp	5TH ST @ PAGE AVE	6
72	Blackman Twp	SHIRLEY DR @ SPRINGPORT RD	6
73	Jackson	N BLACKSTONE ST @ W LOUIS GLICK HWY	6
74	Jackson	E MORRELL ST @ FRANCIS ST	6
75	Blackman Twp	W I 94 @ COOPER ST	6
76	Blackman Twp	LAURENCE AVE @ W MICHIGAN AVE	6
77	Jackson	COOPER ST @ W NORTH ST	6
78	Napoleon Twp	BROOKLYN RD @ AUSTIN RD	6
79	Blackman Twp	ROBINSON RD @ W MICHIGAN AVE	6
80	Jackson	N WISNER ST @ W NORTH ST	6
81	Jackson	4TH ST @ W HIGH ST	6
82	Leoni Twp	E I 94 @ S US 127	6
83	Jackson	N WISNER ST @ W MICHIGAN AVE	6
84	Jackson	E HIGH ST @ S COOPER ST	6
85	Liberty Twp	S JACKSON RD @ S JACKSON RD	6
86	Liberty Twp	E KIMMEL RD @ HAGUE AVE	6
87	Summit Twp	BADGLEY RD @ HORTON RD	6
88	Jackson	N WISNER ST @ W MONROE ST	6
89	Leoni Twp	E MICHIGAN AVE @ MICHIGAN/S US 127 RAMP	6
90	Blackman Twp	BOARDMAN RD @ N WISNER ST	5
91	Leoni Twp	5TH ST @ BROAD ST	5
92	Jackson	N BLACKSTONE ST @ W NORTH ST	5
93	Jackson	1ST ST @ W HIGH ST	5
94	Jackson	GREENWOOD AVE @ W HIGH ST	5
95	Napoleon Twp	BENTON RD @ BROOKLYN RD	5
96	Jackson	E GANSON ST @ N ELM AVE	5
97	Jackson	E LOUIS GLICK HWY @ FRANCIS ST	5
98	Napoleon Twp	BROOKLYN RD @ E SOUTH ST	5
99	Leoni Twp	E MICHIGAN AVE @ S PORTAGE RD	5
100	Blackman Twp	CLINTON RD @ RIVES JUNCTION RD	5

Table 4. Intersections in Jackson County with Highest Three Year Total Crash Frequency (2004-2006)

Rank	City/Township	Location	Total Crashes (2004)	Total Crashes (2005)	Total Crashes (2006)	Total Crashes (2004-2006)	Avg. Annual Crash Freq.
1	Jackson	N WEST AVE @ S WEST AVE	22	32	27	81	27
2	Jackson	N WEST AVE @ W NORTH ST	31	21	19	71	24
3	Blackman Twp	AIRPORT RD @ O NEILL DR	23	19	28	70	23
4	Blackman Twp	N BROWN ST @ W MICHIGAN AVE	20	19	21	60	20
5	Jackson	N WEST AVE @ WILDWOOD AVE	16	27	15	58	19
6	Jackson	N WEST AVE @ W GANSON ST	24	16	14	54	18
7	Jackson	N WEST AVE @ W MONROE ST	16	20	16	52	17
8	Blackman Twp	ANDREW AVE @ CLINTON RD	18	14	18	50	17
9	Jackson	N WEST AVE @ W ARGYLE ST	16	15	15	46	15
10	Jackson	N WISNER ST @ W GANSON ST	14	14	16	44	15
11	Blackman Twp	AIRPORT RD @ WAYLAND DR	24	10	10	44	15
12	Jackson	S JACKSON ST @ W WASHINGTON AVE	7	20	16	43	14
13	Blackman Twp	E MICHIGAN AVE @ S DETTMAN RD	14	15	14	43	14
14	Blackman Twp	LAURENCE AVE @ WILDWOOD AVE	12	11	16	39	13
15	Blackman Twp	AIRPORT RD @ SCHEELE DR	13	14	10	37	12
16	Blackman Twp	LANSING AVE @ W PARNALL RD	12	8	15	35	12
17	Jackson	E WASHINGTON AVE @ S MECHANIC ST	12	11	12	35	12
18	Jackson	E MICHIGAN AVE @ S MECHANIC ST	14	11	9	34	11
19	Jackson	N WISNER ST @ W ARGYLE ST	14	9	10	33	11
20	Jackson	E WASHINGTON AVE @ FRANCIS ST	7	11	14	32	11
21	Jackson	E MICHIGAN AVE @ S GORHAM ST	8	12	12	32	11
22	Summit Twp	S BROWN ST @ SPRING ARBOR RD	13	7	12	32	11
23	Jackson	N BLACKSTONE ST @ W LOUIS GLICK HWY	13	13	6	32	11
24	Blackman Twp	ROBINSON RD @ W MICHIGAN AVE	15	11	6	32	11
25	Jackson	S WEST AVE @ W WASHINGTON AVE	9	9	13	31	10
26	Spring Arbor	REYNOLDS RD @ SPRING ARBOR RD	15	8	8	31	10
27	Jackson	N WISNER ST @ WILDWOOD AVE	11	16	4	31	10
28	Blackman Twp	COOPER RD @ W PARNALL RD	5	8	17	30	10
29	Blackman Twp	AIRPORT RD @ COUNTY FARM RD	14	5	11	30	10
30	Blackman Twp	AIRPORT RD @ W ARGYLE ST	13	12	5	30	10
31	Liberty Twp	JEFFERSON RD @ S MERIDIAN RD	14	13	3	30	10
32	Jackson	E LOUIS GLICK HWY @ N MECHANIC ST	13	6	10	29	10
33	Summit Twp	ROBINSON RD @ SPRING ARBOR RD	10	10	9	29	10
34	Jackson	N WISNER ST @ W MICHIGAN AVE	12	11	6	29	10
35	Jackson	E MICHIGAN AVE @ S ELM AVE	9	7	12	28	9
36	Jackson	STEWARD AVE @ W GANSON ST	8	10	10	28	9
37	Leoni Twp	N FALAHEE RD @ PAGE AVE	6	10	11	27	9
38	Leoni Twp	PAGE AVE @ FAIRFAX ST	11	6	10	27	9
39	Jackson	N JACKSON ST @ W LOUIS GLICK HWY	10	9	8	27	9

40	Jackson	COMMONWEALTH AVE @ N WEST AVE	12	8	7	27	9
41	Jackson	N WEST AVE @ COMMONWEALTH AVE	12	8	7	27	9
42	Jackson	COOPER ST @ W NORTH ST	13	8	6	27	9
43	Blackman Twp	CLINTON RD @ RIVES JUNCTION RD	11	11	5	27	9
44	Jackson	N WISNER ST @ W NORTH ST	11	9	6	26	9
45	Jackson	E LOUIS GLICK HWY @ FRANCIS ST	14	7	5	26	9
46	Jackson	COOPER ST @ S COOPER ST	5	8	12	25	8
47	Jackson	E MICHIGAN AVE @ S EAST AVE	10	5	10	25	8
48	Spring Arbor	MOSCOW RD @ SPRING ARBOR RD	5	10	10	25	8
49	Jackson	E MICHIGAN AVE @ S WATERLOO AVE	7	9	9	25	8
50	Jackson	S BLACKSTONE ST @ W WASHINGTON AVE	8	9	8	25	8
51	Jackson	S BROWN ST @ W MORRELL ST	9	7	8	24	8
52	Blackman Twp	LAURENCE AVE @ W MICHIGAN AVE	15	2	7	24	8
53	Jackson	S JACKSON ST @ W WESLEY AVE	5	8	9	22	7
54	Jackson	E HIGH ST @ FRANCIS ST	7	8	7	22	7
55	Jackson	E MORRELL ST @ FRANCIS ST	12	4	6	22	7
56	Jackson	N WISNER ST @ W MONROE ST	6	10	6	22	7
57	Jackson	E WASHINGTON AVE @ E WASHINGTON AV	6	11	5	22	7
58	Jackson	S WEST AVE @ W FRANKLIN ST	9	8	5	22	7
59	Blackman Twp	AIRPORT RD @ W I 94/AIRPORT RAMP	6	7	8	21	7
60	Jackson	LANSING AVE @ W NORTH ST	9	5	7	21	7
61	Blackman Twp	W MICHIGAN AVE @ 18TH ST	8	6	7	21	7
62	Leoni Twp	ANN ARBOR RD @ S US 127	5	13	3	21	7
63	Jackson	N JACKSON ST @ W GANSON ST	7	6	7	20	7
64	Jackson	E GANSON ST @ N ELM AVE	10	5	5	20	7
65	Leoni Twp	N US 127/PAGE RMP @ PAGE/N US 127 RMP	8	9	3	20	7
66	Jackson	S WEST AVE @ W HIGH ST	9	9	2	20	7
67	Jackson	E PROSPECT ST @ FRANCIS ST	4	12	3	19	6
68	Blackman Twp	W I 94 @ N ELM AVE	1	8	9	18	6
69	Blackman Twp	E MICHIGAN AVE @ S ROBERTS ST	8	5	4	17	6
70	Jackson	LANSING AVE @ W GANSON ST	9	5	3	17	6
71	Jackson	E MICHIGAN AVE @ S HORTON ST	3	5	8	16	5
72	Jackson	GRISWOLD ST @ KIBBY RD	8	4	4	16	5
73	Blackman Twp	N US 127 @ W I 94/N CLINTON RAMP	3	9	4	16	5
74	Jackson	GREENWOOD AVE @ W BIDDLE ST	8	4	1	13	4
75	Blackman Twp	21ST ST @ W MICHIGAN AVE	0	3	9	12	4