

TECHNICAL MEMORANDUM

TRAFFIC CRASHES 2008-2010

August, 2011

Akron Metropolitan Area Transportation Study
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This report was prepared by the Akron Metropolitan Area Transportation Study (AMATS) in cooperation with the U.S. Department of Transportation, the Ohio Department of Transportation, and the Village, City and County governments of Portage and Summit Counties and Chippewa Township in Wayne County. The contents of this report reflect the views of AMATS, which is responsible for the facts and accuracy of the data presented herein. The contents do not necessarily reflect the official view and policies of the Ohio and/or U.S. Department of Transportation. This report does not constitute a standard, specification or regulation.

Traffic Crashes

2008 - 2010

INTRODUCTION

The purpose of this technical memorandum is to identify high crash locations on all roadways in the AMATS area between 2008 and 2010. In order to effectively plan roadway safety improvements effectively it is necessary to identify and study the locations with the highest overall rank with respect to number of crashes, crash rate, and severity. This ensures that the highest ranked locations receive the attention and funding needed in order to have the greatest impact on safety. Crash studies can also be used to monitor or analyze the safety effects of completed highway improvements or changes in traffic flow.

SOURCE OF DATA

Between the years of 2008 and 2010 AMATS received 56,235 records from the Ohio Department of Public Safety (ODPS) describing crashes in the study area. Out of those crash records, 3,235 animal related crashes and 983 construction zone crashes were removed. These crashes are not related to the characteristics of the highway and are not used in the highway safety evaluation process. The remaining 52,017 crashes were then separated into those that occur on roadway sections, intersections, and freeways. Between 2008 and 2010 there were 19,510 roadway section crashes, 24,357 intersection crashes, and 8,150 freeway related crashes.

METHODOLOGY

The first step in producing a list of high crash roadway sections and intersections is identifying the locations that meet the minimum thresholds based on number of crashes and crash rate. The criteria for roadway sections is 10 or more crashes per mile per year and a crash rate of one or more crashes per million vehicle miles over a three-year period. For intersections, the criteria is 10 or more crashes in the three-year period and a crash rate equal to or greater than one crash per million approach vehicles.

Once this initial group of high crash locations is identified they are ranked according to number of crashes, crash rate and severity index. The crash rate takes into account the average daily traffic volume and is an additional way to evaluate a location other than just considering the number of crashes. For example, ten crashes per year at a location that averages 1,000 vehicles per day has a worse crash rate than ten crashes per year at a location that averages 30,000 vehicles per day. The severity index is a ratio of how many fatal and injury crashes happen compared to total crashes. This measure is useful when determining which locations should have priority in order to not only reduce crashes but to also reduce fatalities and injuries. The formulas for determining crash rate and severity index are given in Appendix A.

The final step of the analysis is calculating a composite score. The composite score is an overall ranking based on all the individual rankings applied to the location thus far. It is computed from where a location is ranked according to the number of crashes, crash rate, and severity index. The rank by number of crashes is given a weight of 40% and the rank by crash rate and severity index is given a weight of 30% each.

HIGH CRASH SECTIONS

AMATS has identified 118 roadway sections that have a minimum of 10 crashes per mile per year and a crash rate of one or more crashes per million vehicle miles over the three-year period. This is 16 less than the 134 that were identified in the 2007-2009 report. A section is defined as a length of roadway between two logical termini such as an intersection with another roadway. The length of a section is usually between 0.5 miles in an urban area to a maximum of 4.0 miles in a rural area. All roads in the AMATS area were considered, including those that are not federally classified. Table 1 lists the 118 high-crash roadway sections ranked by composite score. Map 1 shows the location of the top 50 high-crash sections.

HIGH CRASH INTERSECTIONS

AMATS has identified 265 intersections that have a minimum of 10 crashes and a crash rate of one or more over the three-year period. This is 16 less than the 281 that were identified in the 2007-2009 report. Most crashes that occur within a radius of 0.05 miles from the center of an intersection is considered an intersection related crash. All intersections in the AMATS area were considered, including those where one or both of the streets are not federally classified. Table 2 lists the 265 high-crash intersections ranked by composite score. Map 2 shows the location of the top 50 high-crash intersections.

HIGH CRASH FREEWAY SECTIONS AND INTERCHANGES

The analysis of freeway crashes in the AMATS area is done by the central office of the Ohio Department of Transportation (ODOT) in Columbus. They define a freeway as a limited access divided highway. This includes all state routes with interstate characteristics such as SR 8 and SR 21.

When ODOT evaluates freeway locations both sections and interchanges are considered. Once a high crash freeway section or interchange is identified, it is then ranked by number of crashes, crash rate, change in number of crashes over time, and severity. Each of these factors is assigned a weight in order to determine a final composite score or priority index.

Unfortunately the 2008-2010 freeway analysis is still being finalized by ODOT and will be posted on the AMATS website when it is available.

SUMMARY

AMATS is committed to following a planning process that recognizes the importance of traffic safety. This is accomplished by incorporating the results of safety studies into the development of transportation recommendations for the Regional Transportation Plan and used as evaluation criteria for selecting projects for funding. The *Traffic Crashes 2008-2010* technical memorandum was developed to further this goal by identifying locations in need of possible safety improvements.

The total number of crashes (excluding animal and construction zone crashes) increased from 16,471 in 2009 to 16,873 in 2010. This 2% increase is still over 6,200 crashes less than in 2002 when the AMATS area had over 23,000 crashes. Although the total number of crashes has increased slightly, the number of high crash segments and intersections has decreased. Section locations dropped from 134 to 118 and intersection locations dropped from 281 to 265 since the 2007-2009 crash report.

The decrease in crashes over the last decade could be due to a number of factors. Many locations that have shown up in this report have received safety improvements that have been effective. An increase in education and law enforcement campaigns, especially those aimed at younger drivers, have also contributed to the decline. In more recent years the number of vehicle miles traveled on our highways has decreased. However, the challenge to reduce crashes is never over. The safety improvements done to our highways are often offset by distracted driving due to texting and using other electronic devices and driving under the influence of alcohol and drugs.

The locations identified in this technical memorandum meet the minimum criteria that ODOT has established to define a high-crash location. All of the roadway sections listed have 10 or more crashes per mile per year and a crash rate of one or more crashes per million vehicles miles traveled. All the intersections listed have 10 crashes over the three-year period and a crash rate of one or more. The locations listed in this memorandum may be used by a community as a first step in the process of applying for federal Highway Safety Program funding through ODOT.

APPENDIX A – CRASH FORMULAS

ROADWAY SECTIONS

$$\text{CRASHES PER MILE} = \frac{(\text{3 year crash total})}{(\text{3 years})(\text{section length})} = \text{crashes per mile per year}$$

$$\text{CRASH RATE} = \frac{(\text{3 year crash total})}{(\text{3 years})(\text{ADT})(\text{365 days/year})(\text{section length})} \times 1,000,000$$

= crashes per million vehicle miles traveled

INTERSECTIONS

$$\text{CRASH RATE} = \frac{(\text{3 year crash total})}{(\text{3 years})(\text{intersection approach volume/day})(\text{365 days/year})} \times 1,000,000$$

= crashes per million approach vehicles

ROADWAY SECTIONS AND INTERSECTIONS

$$\text{SEVERITY INDEX} = \frac{12 (\text{fatal crashes}) + 3 (\text{injury crashes}) + 1 (\text{property damage crashes})}{(\text{total crashes})}$$

Table 1
HIGH CRASH ROADWAY SECTIONS
 RANKED BY COMPOSITE SCORE
 2008-2010

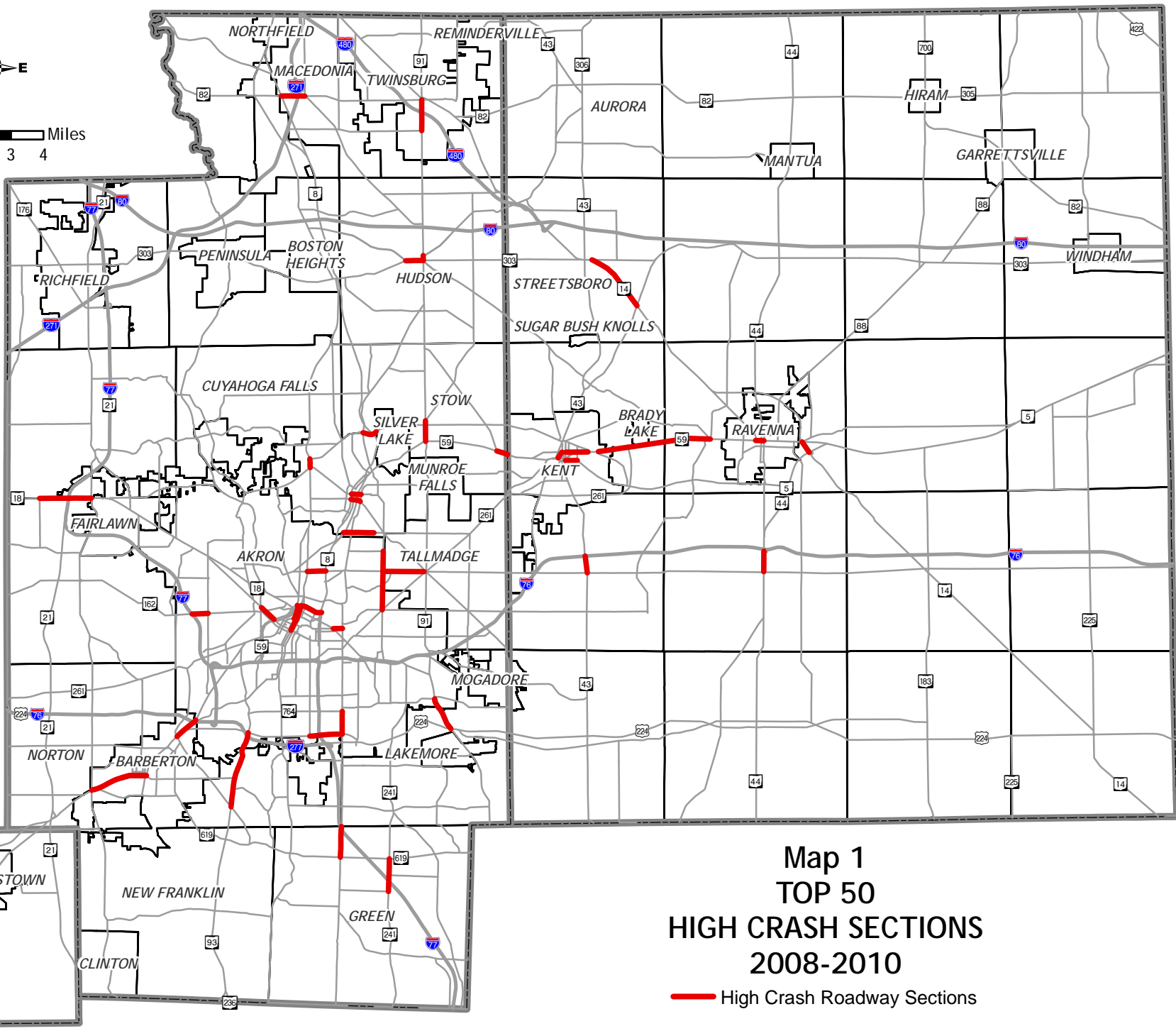
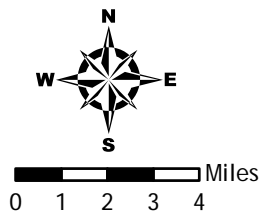
Rank	Roadway Section	From	To	Length (miles)	Average Daily Traffic	Total Crashes	Crash Rate	Severity Index	Composite Score	Location
1	Canton Rd (SR 91)	Akron South Corp Line	Triplett Blvd	0.33	17,860	29	4.5	1.8	16.3	Akron
2	SR 44	Tallmadge Rd (CR 18)	I-76	0.63	14,780	52	5.1	1.7	17.6	Por Co Rootstown Twp
3	E Main St (SR 59)	Willow St	Luther Av	0.42	21,790	62	6.2	1.6	18.0	Kent
4	W Exchange St	Rhodes Ave	Dart Ave	0.53	8,770	53	10.4	1.6	18.4	Akron
5	Manchester Rd (SR 93)	Carnegie Ave	Waterloo Rd	0.44	22,410	60	5.6	1.6	18.5	Akron
6	Howe Ave	Main St	Buchholzer Blvd	0.69	24,445	65	3.5	1.7	22.4	Cuyahoga Falls
7	Medina Rd (SR 18)	I-77	Cleveland-Massillon Rd (CR 17)	0.70	30,650	143	6.1	1.5	22.7	Sum Co Copley Twp
8	E Aurora Rd (SR 82)	SR 8	N Bedford Rd	0.72	24,920	65	3.3	1.7	23.7	Macedonia
9	Graham Rd	Hudson Dr	Silver Lake West Corp Line	0.44	28,680	68	4.9	1.5	24.5	Stow
10	E Main St	Water St	Willow St	0.27	9,070	29	10.8	1.5	26.4	Kent
11	Howe Ave	Cuyahoga Falls Corp Line	Main St	0.23	36,670	64	6.9	1.4	26.5	Cuyahoga Falls
12	SR 14/44	SR 59	SR 5	0.39	18,660	26	3.3	1.8	27.6	Por Co Ravenna Twp
13	Wooster Rd N (SR 619 part)	State St	Barberton Corp Line	0.77	19,695	61	3.7	1.7	27.7	Barberton
14	Broad Blvd/Broadway East	Second St	Newberry St	0.29	16,170	57	11.1	1.4	28.5	Cuyahoga Falls
15	Canton Rd (SR 91)	Waterloo Rd (US224)	Akron South Corp Line	0.72	19,565	43	2.8	2.1	31.2	Sum Co Springfield Twp
16	S and N Main St	Bowery St	M.L. King Blvd (SR 59)	0.44	8,345	29	7.2	1.5	33.0	Akron
17	Arlington Rd	Turkeyfoot Lake Rd (SR 619)	Green North Corp Line	0.95	22,440	183	7.8	1.3	33.7	Green
18	E Main St (SR 59)	Horning Rd	Kent East Corp Line	0.50	17,350	32	3.4	1.6	33.9	Kent
19	SR 43	Tallmadge Rd (CR 18)	I-76	0.52	10,870	25	4.0	1.8	34.2	Por Co Brimfield Twp
20	Darrow Rd (SR 91)	E Highland Rd	Aurora Rd (SR 82)	0.95	25,305	110	4.2	1.5	34.3	Twinsburg
21	Massillon Rd (SR 241)	Boettler Rd	Turkeyfoot Lake Rd (SR 619)	1.01	22,380	144	5.8	1.3	35.2	Green
22	M.L. King Blvd/Perkins St (SR 59)	N Broadway St	N Adolph Ave	0.61	17,480	36	3.1	1.7	35.7	Akron
23	Brittain Rd	E Tallmadge Ave (SR 261)	Independence Ave	0.61	13,985	35	3.8	1.6	35.8	Akron
24	Kent Rd (SR 59)	Fishcreek Rd	Stow East Corp Line	0.35	18,930	22	3.0	1.6	36.3	Stow
25	S Arlington St	E Waterloo Rd	E Wilbeth Rd (SR 764)	0.70	14,750	42	3.7	1.6	36.6	Akron
26	SR 59	Kent East Corp Line	SR 261	0.41	17,350	22	2.8	1.8	38.0	Por Co Franklin Twp
27	Copley Rd (SR 162)	I-77	S Hawkins Ave	0.49	13,520	36	5.0	1.4	38.6	Akron
28	SR 59	SR 261	Brady Lake Rd (CR 162)	2.55	17,100	133	2.8	1.9	38.9	Por Co Ravenna Twp
29	W&E Main St (SR 59)	Sycamore St	Prospect St	0.26	15,890	31	6.9	1.1	41.1	Ravenna
30	Wooster Rd W	31st St	14th St NW	1.01	13,000	54	3.8	1.6	41.3	Barberton
31	Manchester Rd (SR 93)	Robinson Ave	Carnegie Ave	1.04	21,315	79	3.3	1.5	41.4	Akron
32	E Tallmadge Ave (SR 261)	N Main St	Gorge Blvd	0.57	13,470	34	4.0	1.5	42.6	Akron
33	Manchester Rd (SR 93)	State St (CR162)	Robinson Ave (CR 54)	0.89	14,757	67	4.7	1.3	43.5	Sum Co Coventry Twp
34	N Main St (SR 91)	Streetsboro St (SR 303)	Aurora St	0.15	17,590	17	5.9	1.1	43.7	Hudson
35	S High St (SR 261)	E Exchange St	E Market St (SR 18)	0.66	8,313	39	6.5	1.3	45.0	Akron
36	River St (SR 43)	Haymaker Pkwy (SR 59)	W Main St	0.21	4,250	11	11.3	1.4	46.4	Kent
37	W Streetsboro St (SR 303)	Boston Mills Rd	Main St (SR 91)	0.54	16,630	43	4.4	1.3	46.5	Hudson
38	Medina Rd (SR 18)	S Hametown Rd (CR253)	I-77	0.89	27,030	58	2.2	1.6	46.8	Sum Co Copley Twp
39	SR 14	SR 303 (E)	Diagonal Rd	2.01	21,130	104	2.2	1.8	47.3	Streetsboro
40	N High St (SR 261)	E Market St (SR 18)	M.L. King Blvd (SR 59)	0.16	6,210	9	8.3	1.2	49.3	Akron
41	State Rd	Portage Trail	Graham Rd	0.27	24,910	14	1.9	2.0	49.4	Cuyahoga Falls
42	Darrow Rd (SR 91)	Kent Rd (SR 59)	Stow Rd	0.63	21,770	40	2.7	1.5	49.5	Stow
43	W and E Portage Trail	Second St	Newberry St/Munroe Falls Ave	0.29	18,960	23	3.8	1.3	50.2	Cuyahoga Falls
44	E Waterloo Rd	Brown St	S Arlington St	1.00	17,450	48	2.5	1.7	50.4	Akron
45	E Buchtel Ave	E Market St (SR 18)	N Arlington St	0.28	6,330	11	5.7	1.6	50.5	Akron
46	Wooster Rd W	14th St NW	Wooster Rd N	0.76	11,778	31	3.2	1.7	50.8	Barberton
46	S Main St	Bartges St	Exchange St	0.54	5,060	24	8.0	1.4	50.8	Akron
48	Brittain Rd	Eastwood Ave	E Tallmadge Ave (SR 261)	1.18	13,547	49	2.8	1.7	51.7	Akron
49	E Summit St	S Water St (SR 43)	S Lincoln St	0.36	9,520	15	4.0	1.5	52.0	Kent
50	W Tallmadge Ave/West Ave (SR 261)	Brittain Rd	Tallmadge Circle	1.26	14,917	75	3.6	1.3	52.2	Tallmadge
51	W Exchange St (SR 261 part)	Dart Ave	S Main st	0.55	10,317	24	3.9	1.5	53.5	Akron
52	S Water St	Haymaker Pkwy (SR 59)	E Main St	0.17	5,260	9	9.2	1.0	54.2	Kent

Table 1
HIGH CRASH ROADWAY SECTIONS
 RANKED BY COMPOSITE SCORE
 2008-2010

Rank	Roadway Section	From	To	Length (miles)	Average Daily Traffic	Total Crashes	Crash Rate	Severity Index	Composite Score	Location
53	Darrow Rd / S Main St (SR 91)	Hudson Dr	Streetsboro St (SR 303)	1.22	20,575	74	2.7	1.4	54.9	Hudson
54	E Aurora Rd (SR 82)	Olde Eight Rd	SR 8	0.82	19,430	46	2.6	1.5	55.3	Macedonia
54	Graham Rd	Fishcreek Rd	Stow East Corp Line	0.66	14,230	37	3.6	1.3	55.3	Stow
54	E Cuyahoga Falls Ave	Front St	Akron Corp Line	0.42	12,980	19	3.2	1.5	55.3	Akron
57	E Tallmadge Ave (SR 261)	Gorge Blvd	Home Ave	0.59	16,870	33	3.0	1.4	55.6	Akron
58	Merriman Rd/Riverview Rd	N Portage Path	Smith Rd	0.99	15,210	42	2.6	1.6	57.1	Akron
58	31st St NW	Wooster Rd W	Barberton Corp Line	0.70	14,380	27	2.5	1.7	57.1	Barberton
60	S Water St (SR 43)	SR 261	Cherry St	0.48	14,400	25	3.3	1.4	57.8	Kent
61	S Aurora Rd (SR 43)	SR 306	SR 82	0.36	9,620	13	3.4	1.6	58.4	Aurora
62	SR 14	I-76	SR 183	0.78	12,860	32	2.9	1.6	58.6	Por Co Edinburg Twp
63	Goodkirk St	Buchtel Ave	E Market St (SR 18)	0.24	9,050	12	5.1	1.2	58.7	Akron
64	Wooster Rd N	Wooster Rd W	Hopocan Ave	0.41	9,145	20	4.9	1.3	59.4	Barberton
65	S Arlington St (SR 764 part)	E Wilbeth Rd (SR 764)	E Archwood Ave	0.49	17,153	20	2.2	1.7	59.8	Akron
66	Arlington Rd (CR 15)	Green North Corp Line	Killian Rd (CR135)	0.62	18,640	32	2.5	1.5	59.9	Sum Co Springfield Twp
67	SR 14	I-480 ramp to Turnpike	SR 303 (W)	1.62	32,730	81	1.4	1.7	60.2	Streetsboro
68	SR 5/44	I-76	Prospect St	0.44	22,690	20	1.8	1.7	61.6	Por Co Rootstown Twp
69	SR 261	Summit Rd (CR 148)	SR 59	1.21	9,850	43	3.3	1.6	62.6	Por Co Franklin Twp
70	Wooster Rd N	Norton Ave	State St	0.50	13,360	16	2.2	2.0	63.3	Barberton
71	W Market St (SR 18)	Portage Path	Merriman Rd	0.59	14,960	29	3.0	1.4	65.1	Akron
72	N Main St (SR 91)	Munroe Falls Ave	N River Rd	0.39	18,370	20	2.6	1.4	65.3	Munroe Falls
73	S Main St	S Broadway St	Bartges St	0.96	12,507	40	3.0	1.5	65.5	Akron
74	White Pond Dr	I-77	Frank Blvd	0.77	13,185	29	2.6	1.6	65.8	Akron
74	S Lincoln St	E Summit St	E Main St (SR 59)	0.26	9,140	10	3.8	1.4	65.8	Kent
76	W Main St (SR 59)	Spaulding Dr	Longmere Dr	0.50	20,460	29	2.6	1.3	66.7	Kent
77	W Main St (SR 59)	Ravenna West Corp Line	Diamond St	0.57	14,400	18	2.0	1.9	66.9	Ravenna
78	W Main St (SR 59)	Diamond St	Sycamore St	0.37	14,690	14	2.4	1.6	67.0	Ravenna
78	Kent Rd (SR 59)	Darrow Rd (SR 91)	Fishcreek Rd	2.22	17,510	89	2.1	1.6	67.0	Stow
80	Canton Rd (CR 66)	Sanitarium Rd (CR136)	Waterloo Rd (US224)	1.02	20,435	41	1.8	1.7	69.1	Sum Co Springfield Twp
81	Massillon Rd (SR241)	Krumroy Rd (CR 130)	Akron South Corp Line	0.29	12,990	9	2.2	2.8	69.8	Sum Co Springfield Twp
82	SR 14/44	Ravenna NE Corp Line	SR 59	1.00	16,240	33	1.9	1.8	69.9	Por Co Ravenna Twp
83	E Tallmadge Ave (SR 261)	Home Ave	Brittain Rd	1.16	17,260	39	1.8	1.8	70.8	Akron
84	SR 43	Kent North Corp Line	Streetsboro South Corp Line	2.40	15,320	82	2.0	1.7	71.7	Por Co Franklin Twp
85	Howe Ave	Buchholzer Blvd	Brittain Rd/Bailey Rd	0.30	13,560	10	2.2	1.6	72.6	Cuyahoga Falls
85	E Main St (SR 59)	Prospect St	Freedom St (SR 88)	0.42	12,980	14	2.4	1.6	72.6	Ravenna
87	S Water St (SR 43)	Cherry St	Haymaker Pkwy (SR 59)	0.72	15,820	30	2.4	1.4	74.8	Kent
88	W Main St (SR 59)	Kent West Corp Line	Spaulding Dr	0.28	20,455	14	2.2	1.3	74.9	Kent
89	S Chillicothe Rd (SR 43)	Aurora Hudson Rd	Aurora Rd (SR 43)	0.43	19,150	14	1.6	1.7	75.0	Aurora
90	E Highland Rd	SR 8	Valley View Rd	1.25	11,950	51	3.1	1.2	75.4	Macedonia
91	E Market St (SR 18)	E Buchtel Ave	E Exchange St	0.53	11,750	16	2.4	1.6	76.1	Akron
92	S Cleveland Massillon Rd	Barberton North Corp Line	Greenwich Rd/Norton Ave	0.68	15,585	30	2.6	1.3	76.9	Norton
93	W Market St (SR 18)	Ghent Rd	Miller Rd	0.30	27,380	17	1.9	1.2	77.2	Fairlawn
94	Wooster Rd W	Johnson Rd	31st St	0.29	13,240	9	2.1	1.7	77.9	Barberton
95	S Cleveland Massillon Rd	Greenwich Rd/Norton Ave	I-76	0.94	15,970	34	2.1	1.5	78.2	Norton
96	S Mantua St (SR 43)	Haymaker Pkwy (SR 59)	W Main St	0.19	6,320	6	4.6	1.0	78.6	Kent
97	South St	Wolf Ledges Pkwy/Bellows St	Brown St	0.49	7,670	16	3.9	1.1	79.8	Akron
98	SR 43	SR 303	Frost Rd	1.51	20,140	59	1.8	1.5	80.8	Streetsboro
99	S Main St (SR 91)	Northmoreland Ave	Munroe Falls Ave	0.55	22,670	20	1.5	1.6	80.9	Munroe Falls
100	E Steels Corners Rd	Stow West Corp Line	Hudson Dr	0.85	21,840	38	1.9	1.4	82.0	Stow
101	W Market St (SR 18)	Sand Run Rd	Hawkins Ave	1.12	23,797	43	1.5	1.5	82.9	Akron
102	E Wilbeth Rd (SR 764)	Brown St	S Arlington St	0.99	12,010	30	2.3	1.5	83.0	Akron
103	N Main St (SR 261)	Olive St (W)	E Tallmadge Ave	0.32	17,940	11	1.8	1.6	83.4	Akron
104	Darrow Rd (SR 91)	Aurora Rd (SR 82)	Twinsburg North Corp Line	2.62	15,675	85	1.9	1.5	83.7	Twinsburg

Table 1
HIGH CRASH ROADWAY SECTIONS
 RANKED BY COMPOSITE SCORE
 2008-2010

Rank	Roadway Section	From	To	Length (miles)	Average Daily Traffic	Total Crashes	Crash Rate	Severity Index	Composite Score	Location
105	SR 59	Brady Lake Rd (CR 162)	Ravenna West Corp Line	0.45	12,710	15	2.4	1.4	84.3	Por Co Ravenna Twp
106	E Waterloo Rd	S Main St	Brown St	0.87	14,820	29	2.1	1.5	84.9	Akron
107	South Ave (SR 91)	Tallmadge South Corp Line	Tallmadge Circle	1.11	13,795	34	2.0	1.5	87.5	Tallmadge
108	E Market St (SR 18)	Seiberling St	Mogadore Rd	0.82	9,210	25	3.0	1.3	88.1	Akron
109	W Market St (SR 18)	Merriman Rd	Maple St	0.72	20,033	24	1.5	1.5	89.1	Akron
110	SR 303	SR 14	Page Rd	0.76	12,360	23	2.2	1.4	91.1	Streetsboro
111	W Market St (SR 18)	Cleveland Massillon Rd	Ghent Rd	1.28	24,308	39	1.1	1.6	92.3	Fairlawn
112	W and E Main St	Mantua St	Water St	0.23	10,515	7	2.6	1.3	92.9	Kent
113	N Portage Path	Merriman Rd	Portage Trail	0.28	18,620	11	1.9	1.2	93.1	Akron
114	W Market St (SR 18)	Miller Rd	Fairlawn East Corp Line	0.68	21,960	22	1.4	1.5	93.6	Fairlawn
115	W Aurora Rd (SR 82)	Twinsburg West Corp Line	Darrow Rd (SR 91)	1.90	17,160	57	1.6	1.5	96.2	Twinsburg
116	N Mantua St (SR 43)	Gougler Ave	Kent North Corp Line	1.02	19,630	35	1.6	1.3	99.3	Kent
117	N Main St	E Tallmadge Ave	E Cuyahoga Falls Ave	0.36	12,440	11	2.2	1.2	100.7	Akron
118	W Market St (SR 18)	Hawkins Ave	Twin Oaks Rd	0.82	16,000	25	1.7	1.3	103.7	Akron



**Map 1
TOP 50
HIGH CRASH SECTIONS
2008-2010**
— High Crash Roadway Sections

Table 2
HIGH CRASH INTERSECTIONS
RANKED BY COMPOSITE SCORE
2008-2010

Rank	Street	Intersecting Street	Approach Ave. Daily Traffic	Total Crashes	Crash Rate	Severity Index	Composite Score	Location
1	S Broadway St	E Thornton St	17,100	38	2.03	1.95	36.8	Akron
2	Darrow Rd (SR 91)	Graham Rd	44,425	101	2.08	1.61	39.1	Stow
3	SR 14/44	N Freedom St (SR 88)	23,155	46	1.81	1.85	41.6	Ravenna
4	Martin Luther King Jr Blvd (SR 59)	N Howard/Main St	28,730	67	2.13	1.60	41.9	Akron
5	Portage Trail	2nd St	28,250	57	1.84	1.60	50.0	Cuyahoga Falls
6	S Broadway St (SR 261)	E Exchange St	21,200	58	2.50	1.52	51.1	Akron
7	Canton Rd (SR 91)	Mogadore Rd	23,065	41	1.62	1.83	51.9	Akron
8	Bailey/Brittain Ave	Howe/Northwest/Tallmadge Rd	30,860	203	6.01	1.42	53.3	Cuyahoga Falls
9	S Rhodes Ave	W Thornton St	9,740	26	2.44	1.92	53.5	Akron
10	SR 14/303	SR 43	53,980	104	1.76	1.56	55.5	Streetsboro
11	Copley Rd (SR 162)	S Hawkins Ave	23,195	38	1.50	2.05	55.7	Akron
12	5th St (SR 619)	E Robinson Ave	20,655	36	1.59	1.89	57.9	Barberton
13	S Arlington St	E Waterloo Rd	27,490	54	1.79	1.59	58.6	Akron
14	W Portage Trail	Northampton Rd	21,715	41	1.72	1.68	59.1	Akron/Cuyahoga Falls
15	Cleveland Massillon Rd	Greenwich/Norton Ave	19,880	50	2.30	1.64	61.2	Norton
16	E Market St (SR 18)	Main St	27,400	52	1.73	1.58	63.3	Akron
17	S High St	E Bartges St	14,660	29	1.81	1.83	63.5	Akron
18	Portage Trail	State Rd	35,515	67	1.72	1.54	63.8	Cuyahoga Falls
19	E Buchtel Ave	Goodkirk St	18,960	48	2.31	1.46	63.9	Akron
20	N Main St (SR 261)	E Tallmadge Ave (SR 261)	27,865	46	1.51	1.70	65.0	Akron
21	Graham Rd	Hudson Dr	34,065	80	2.14	1.40	65.4	Stow/Cuyahoga Falls
22	E Tallmadge Ave (SR 261)	Brittain Rd	27,625	41	1.36	1.83	67.8	Akron
23	Fishcreek Rd	Graham Rd	30,545	72	2.15	1.39	68.2	Stow
23	State Rd	Chestnut Blvd	19,740	31	1.43	2.10	68.2	Cuyahoga Falls
25	E Summit St	S Lincoln St	14,275	57	3.65	1.35	68.9	Kent
26	E Market St (SR 18)	Mogadore Rd	18,115	40	2.02	1.50	69.6	Akron
27	SR 43	Frost Rd	25,785	48	1.70	1.54	70.8	Streetsboro
28	Tallmadge Circle		43,710	327	6.83	1.24	71.2	Tallmadge
29	Carroll St	Fountain St	5,750	30	4.76	1.53	72.5	Akron
30	Merriman Rd	N Portage Path	27,585	71	2.35	1.31	72.8	Akron
31	SR 14	Mondial Pkwy/Singletary Dr	32,731	60	1.67	1.47	74.0	Streetsboro
32	Tallmadge Ave (SR 261)	Patterson Ave	16,855	39	2.11	1.46	74.1	Akron
33	E Turkeyfoot Lake Rd (SR 619)	S Arlington Rd	28,165	56	1.82	1.43	74.9	Green
34	Howe Ave	Main St	43,555	97	2.03	1.29	78.5	Cuyahoga Falls
35	State Rd	Sackett Ave	18,610	34	1.67	1.59	78.6	Cuyahoga Falls
36	S Arlington St	E Exchange St	18,445	31	1.53	1.71	79.3	Akron
37	Medina Rd (SR 18)	Springside Dr (CR 537)	37,155	67	1.65	1.42	79.4	Sum Co Bath/Copley Twp
38	Graham Rd	State Rd	26,160	59	2.06	1.31	79.8	Cuyahoga Falls
39	Fishcreek Rd	Stow Rd	21,645	37	1.56	1.59	80.3	Stow
40	Brittain Rd	Eastland/Eastwood Ave	23,785	42	1.61	1.52	80.4	Akron
41	S Water St (SR 43)	Summit St	29,335	48	1.49	1.54	82.2	Kent
42	W Exchange St (SR 261)	Locust St (SR 261)	12,505	45	3.29	1.27	83.5	Akron
43	Howe Rd	Cliffside St	25,235	42	1.52	1.52	85.2	Cuyahoga Falls
43	W Cedar St	Dart Ave	12,880	40	2.84	1.30	85.2	Akron
45	E Main St (SR 59)	Horning Rd	23,220	34	1.34	1.74	85.2	Kent
46	State Rd	Bath Rd	21,220	33	1.42	1.67	85.8	Cuyahoga Falls
47	S Maple St (SR 162)	S Rhodes Ave	13,590	24	1.61	1.75	90.4	Akron
48	E Tallmadge Ave (SR 261)	Home Ave	27,675	45	1.48	1.49	91.0	Akron
49	Graham Rd	8th St/Bath Rd	22,575	39	1.58	1.46	91.8	Cuyahoga Falls

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Table 2
HIGH CRASH INTERSECTIONS
 RANKED BY COMPOSITE SCORE
 2008-2010

Rank	Street	Intersecting Street	Approach Ave. Daily Traffic	Total Crashes	Crash Rate	Severity Index	Composite Score	Location
50	N Arlington St	E Buchtel Ave	11,110	29	2.38	1.41	93.2	Akron
51	Martin Luther King Jr Blvd (SR 59)	N High St (SR 261)	27,375	38	1.27	1.63	93.5	Akron
52	E Main St (SR 59)	Lincoln St	21,380	36	1.54	1.50	93.6	Kent
53	W Exchange St	Dart Ave	14,840	23	1.42	1.96	93.7	Akron
54	Grant St	E South St	12,470	25	1.83	1.56	94.4	Akron
55	S Water St (SR 43)	SR 261	30,635	55	1.64	1.33	94.5	Kent
56	W Market St (SR 18)	Elmdale/Kenilworth Dr	18,911	30	1.45	1.60	95.0	Akron
57	S Arlington St	5th Ave	15,115	27	1.63	1.59	95.1	Akron
58	Darrow Rd (SR 91)	Eastwood Ave	21,805	48	2.01	1.17	95.4	Akron
58	E Waterloo Rd (US 224)	George Washington Rd (SR 241)	36,460	68	1.70	1.24	95.4	Akron
60	Martin Luther King Jr Blvd (SR 59)	N Broadway St (SR 261)	22,330	34	1.39	1.59	95.7	Akron
61	W Exchange St	Rand Ave	14,905	33	2.02	1.36	96.0	Akron
62	Memorial Pkwy	Aqueduct St/Royal Ave	12,156	20	1.50	2.00	96.8	Akron
63	Main St	Huddleston St	13,550	27	1.82	1.52	97.2	Cuyahoga Falls
64	E Market St (SR 18)	Canton Rd (SR 91)/Robindale Ave	21,041	33	1.43	1.55	98.7	Akron
65	W Exchange St	Wabash Ave	12,800	32	2.28	1.31	98.9	Akron
66	Brown St	E Waterloo Rd	24,475	36	1.34	1.56	99.9	Akron
67	S Prospect St	Riddle Ave	12,600	26	1.88	1.46	101.5	Ravenna
68	Howe Ave	Buchholzer Blvd	26,470	49	1.69	1.24	102.8	Cuyahoga Falls
69	S Broadway St	E South St	13,930	25	1.64	1.56	102.8	Akron
69	S Case Ave	River St	6,841	15	2.00	1.80	102.8	Akron
71	S Main St	Thornton St	18,615	26	1.28	1.77	103.3	Akron
72	Summit Rd (CR 148)	Powder Mill Rd (TR 98)	7,396	16	1.98	1.75	103.5	Por Co Ravenna Twp
73	US 224	New Milford Rd (CR 31)	4,400	11	2.28	2.64	104.0	Por Co Randolph Twp
74	E Tallmadge Ave (SR 261)	Gorge Blvd	22,110	33	1.36	1.55	104.1	Akron
75	W Exchange St (SR 261)	W Bowery St	12,710	20	1.44	1.90	104.3	Akron
76	SR 8	Aurora Rd (SR 82)	35,800	57	1.45	1.32	104.6	Macedonia
77	Dart Ave	Euclid Ave	6,431	14	1.99	1.86	105.0	Akron
78	S Balch St	Crosby St	3,800	12	2.88	1.83	105.7	Akron
79	Brittain Rd	Evans Ave	16,715	29	1.58	1.48	105.8	Akron
80	Vernon Odem Blvd (SR 261)	Superior Ave	14,385	23	1.46	1.70	106.0	Akron
81	S High St (SR 261)	E State St	10,690	22	1.88	1.55	106.1	Akron
82	Newton Falls Rd (CR 177)	Woodbine Rd (TR 564)	2,791	10	3.27	2.00	106.9	Por Co Ravenna Twp
83	Mayfair Rd	Wise Rd	4,410	11	2.28	2.09	107.0	Green
84	Manchester Rd (SR 93)	State/State Mill Rd (CR 162)	17,240	25	1.32	1.72	107.6	Sum Co Coventry Twp
85	W Market St (SR 18)	Twin Oaks Dr	17,415	25	1.31	1.72	108.2	Akron
86	S Arlington St	E Archwood Ave	20,875	29	1.27	1.62	108.2	Akron
87	Euclid Ave	East Ave	7,720	14	1.66	2.29	108.3	Akron
88	S Main St	Wilbeth Rd (SR 764)	22,265	31	1.27	1.58	109.0	Akron
89	Front St (SR 59)	Hudson Dr	33,585	53	1.44	1.30	109.4	Cuyahoga Falls
90	SR 303	SR 700	6,035	12	1.82	2.58	109.6	Por Co Freedom Twp
91	SR 5/44	New Milford Rd (CR 31)	13,340	19	1.30	3.42	109.9	Por Co Ravenna Twp
92	SR 261	E Summit St	20,770	27	1.19	1.81	110.4	Kent/Por Co Franklin Twp
93	E Turkeyfoot Lake Rd (SR 619)	Myersville Rd	12,866	20	1.42	1.80	110.6	Green
94	E Exchange St	Spicer St	24,505	35	1.30	1.51	110.8	Akron
95	E Tallmadge Ave (SR 261)	E Glenwood Ave	21,250	29	1.25	1.62	110.9	Akron
96	S Maple St (SR 162)	W Cedar St	18,590	25	1.23	1.80	111.2	Akron
96	Tallmadge Ave	N Howard St	18,530	25	1.23	1.80	111.2	Akron
98	E Aurora Rd (SR 82)	Shepard Rd	17,725	29	1.49	1.48	111.8	Macedonia

Table 2
HIGH CRASH INTERSECTIONS
RANKED BY COMPOSITE SCORE
2008-2010

Rank	Street	Intersecting Street	Approach Ave. Daily Traffic	Total Crashes	Crash Rate	Severity Index	Composite Score	Location
99	S Main St	South St	15,265	23	1.38	1.70	112.3	Akron
100	Copley Rd (SR 261)	Diagonal Rd/S Portage Path	13,985	28	1.83	1.36	112.4	Akron
101	W Market St (SR 18)	Dart Ave	20,360	28	1.26	1.64	112.7	Akron
102	State Rd	Steels Corners Rd	22,185	39	1.61	1.26	112.8	Cuyahoga Falls
103	S Arlington St	Case Ave/Johnston St	20,445	27	1.21	1.74	113.1	Akron
104	Riverview Rd	Smith Rd	14,640	29	1.81	1.34	113.9	Akron/Cuyahoga Falls
105	Albrecht Ave	High Grove Blvd	8,960	15	1.53	1.93	114.2	Akron
106	Medina Rd (SR 18)	Crystal Lake Rd/Montrose West Ave	49,880	68	1.24	1.35	115.2	Sum Co Bath/Copley Twp
107	Turkeyfoot Lake Rd (SR 619)	S Main St	23,720	37	1.42	1.38	115.4	Green
108	Riverview Rd	Ira Rd	5,655	12	1.94	1.83	115.6	Cuyahoga Falls
109	Broad Blvd/Tallmadge Rd	Newberry St	23,125	40	1.58	1.20	115.8	Cuyahoga Falls
110	Canton Rd (SR 91)	Gilchrist Rd	25,401	31	1.11	1.71	115.9	Akron
111	Massillon Rd (SR 241)	E Turkeyfoot Lake Rd (SR 619)	23,130	39	1.54	1.26	116.1	Green
112	Bellows St	E Crosier St	3,230	10	2.83	1.80	116.8	Akron
113	E Archwood Ave	Hammel St	8,420	17	1.84	1.59	117.2	Akron
114	Grant St	E Voris St	9,191	16	1.59	1.75	117.3	Akron
115	Darrow Rd (SR 91)	Terex Rd	31,546	37	1.07	1.65	117.8	Hudson
116	Brookwall Dr (TR 2746)	Flight Memorial Dr (TR 1190)	4,740	19	3.66	1.42	118.6	Sum Co Copley Twp
116	N Howard St	North St	17,750	23	1.18	1.87	118.6	Akron
118	SR 261	Mogadore Rd	14,170	22	1.42	1.64	118.7	Kent
119	S Arlington Rd	Killian Rd	24,960	33	1.21	1.55	118.8	Sum Co Coventry Twp
120	North Ave (SR 91)	Howe Rd	21,700	30	1.26	1.53	119.9	Tallmadge
121	E Archwood Ave	Inman St	9,560	15	1.43	1.93	120.2	Akron
122	Darrow Rd (SR 91)	Newton St	24,520	30	1.12	1.67	120.8	Akron
123	E Archwood Ave	Coventry St	7,880	13	1.51	2.38	121.1	Akron
124	N Diamond St	Highland Ave	4,321	11	2.32	1.73	121.4	Ravenna
125	SR 44	Lynn Rd (TR 99)	12,310	19	1.41	1.74	121.6	Por Co Rootstown Twp
126	W Main St (SR 59)	Diamond St	17,290	25	1.32	1.56	122.6	Ravenna
127	Wolf Ledges Pkwy	Carroll St	7,020	12	1.56	2.00	124.0	Akron
128	W Tallmadge Ave	Cuyahoga St	15,550	20	1.17	2.00	124.4	Akron
129	S Water St (SR 43)	Haymaker Pkwy (SR 59)	34,505	47	1.24	1.34	125.5	Kent
130	Manchester Rd (SR 93)	Carnegie/Nesbitt Ave	26,581	31	1.07	1.65	125.8	Akron/Sum Co Coventry Twp
131	Kenmore Blvd	Old Manchester Rd	7,240	12	1.51	2.00	126.7	Akron
132	N Bedford Rd	Ledge Rd	10,955	16	1.33	1.88	126.9	Macedonia
133	S Broadway St (SR 261)	University Ave	16,650	23	1.26	1.61	127.3	Akron
134	SR 585	Gates St	13,490	18	1.22	2.22	127.4	Doylestown
135	Portage Trail	3rd St	20,970	26	1.13	1.69	127.6	Cuyahoga Falls
136	S Main St	Waterloo Rd	27,955	39	1.27	1.31	128.7	Akron
137	Hilbish Ave	Springfield Lake Blvd	5,001	10	1.83	1.80	128.8	Akron
138	Grant St	E Thornton St	10,635	19	1.63	1.53	129.1	Akron
139	Wooster Rd	Robinson Ave	19,270	23	1.09	1.87	129.4	Barberton
140	E Summit St	S Willow St	10,400	16	1.40	1.75	129.9	Kent
141	W Streetsboro Rd (SR 303)	Akron Cleveland Rd	18,450	25	1.24	1.56	130.4	Boston Heights
142	Aurora Rd (SR 43)	Garfield West Rd (SR 82)	21,270	30	1.29	1.40	131.6	Aurora
143	Brown St	Lovers Lane	9,261	14	1.38	1.86	132.9	Akron
144	E Summit St	Risman Dr/Parking Lot	8,501	17	1.83	1.47	133.1	Kent
145	Mogadore Rd	Old Forge Rd (CR 82)	3,051	15	4.49	1.40	133.4	Por Co Brimfield Twp
146	SR 21	Eastern Rd	21,665	24	1.01	1.92	133.6	Norton/Chippewa Twp
147	E Summit St	Terrace Dr	8,501	20	2.15	1.30	134.0	Kent

Table 2
HIGH CRASH INTERSECTIONS
RANKED BY COMPOSITE SCORE
2008-2010

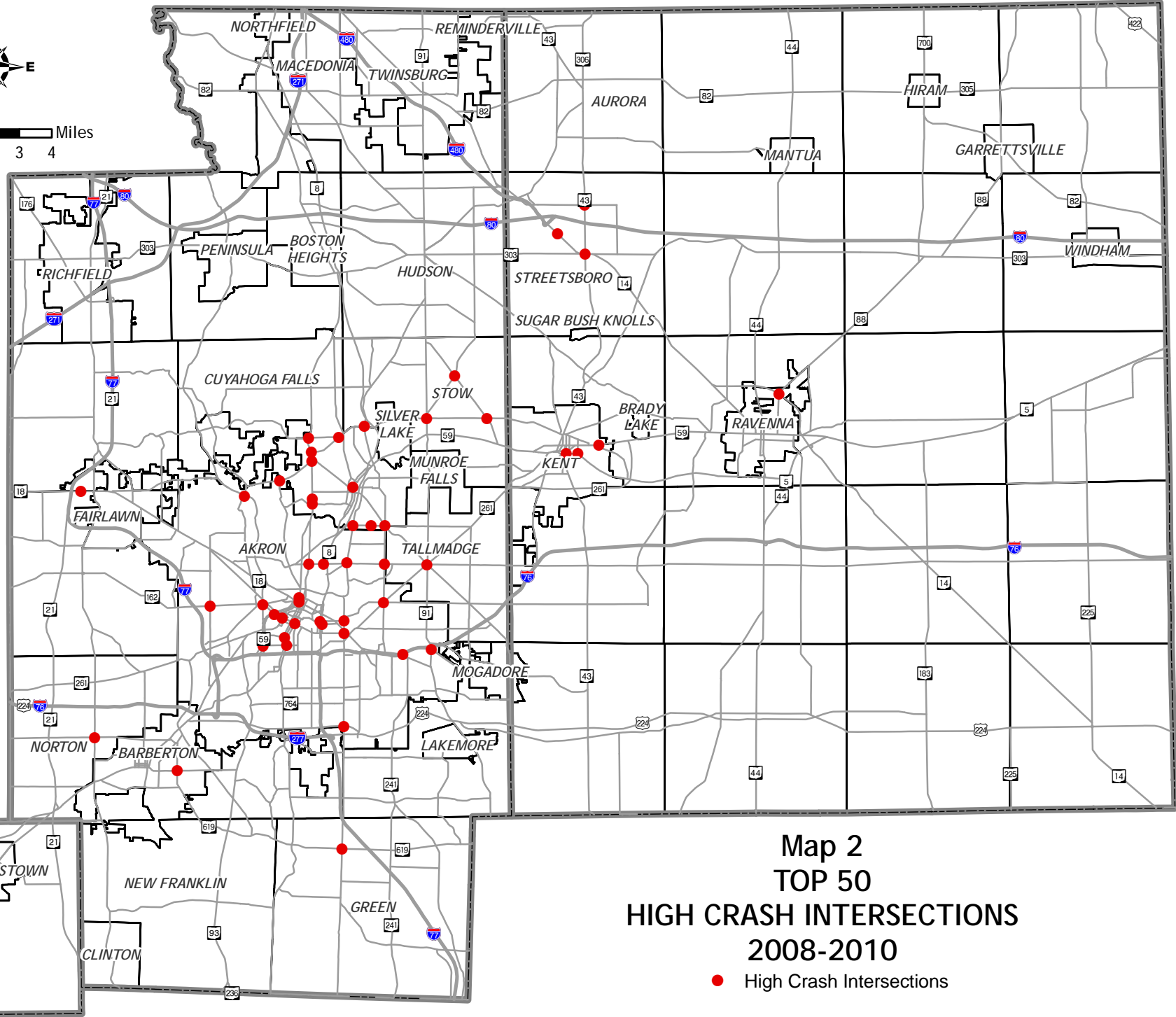
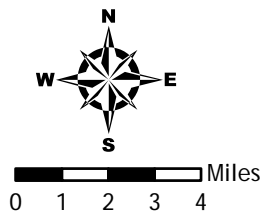
Rank	Street	Intersecting Street	Approach Ave. Daily Traffic	Total Crashes	Crash Rate	Severity Index	Composite Score	Location
148	SR 82	Chamberlain Rd (CR 265)	8,100	12	1.35	2.33	135.7	Por Co Mantua Twp
149	2nd St	Northland St	6,601	18	2.49	1.33	135.8	Cuyahoga Falls
150	Portage Trail	4th St	24,680	32	1.18	1.44	136.1	Cuyahoga Falls
151	SR 585	Eastern Rd	16,160	19	1.07	2.53	137.5	Norton/Chippewa Twp
152	Copley Rd (SR 162)	Storer Ave	18,305	25	1.25	1.48	137.9	Akron
153	Aurora Rd (SR 82)	Olde Eight/Brandywine Rd	22,496	35	1.42	1.11	138.1	Northfield Ctr/Sagamoe Hills Twp
154	S Broadway St (SR 261)	E Cedar St (SR 261)	12,525	24	1.75	1.25	138.7	Akron
155	W Portage Trail	Valley Rd	20,165	23	1.04	1.78	141.1	Cuyahoga Falls
156	W Portage Trail	Akron Peninsula Rd/N Portage Path	22,275	28	1.15	1.50	141.2	Akron/Cuyahoga Falls
157	Akron Peninsula Rd	W Steels Corners Rd	6,730	10	1.36	2.70	141.4	Akron/Cuyahoga Falls
158	E Aurora Rd (SR 82)	Macedonia Commons Blvd/I-271 Ramp	33,205	37	1.02	1.49	141.8	Macedonia
158	Hudson Dr	Terex Rd	17,619	29	1.50	1.14	142.1	Hudson
160	W Market St (SR 18)	Portage Path	18,540	25	1.23	1.48	142.4	Akron
161	Massillon Rd (SR 241)	Steese Rd	10,790	22	1.86	1.18	143.3	Green
162	Brown/Union St	E Exchange St	25,960	30	1.06	1.53	143.9	Akron
163	SR 8	E Highland Rd	45,585	52	1.04	1.35	144.0	Macedonia
164	Fortuna Dr	Interstate Pkwy	5,001	10	1.83	1.60	144.1	Green
165	Carroll St	S Goodkirk St	16,890	20	1.08	1.80	144.8	Akron
166	Franklin Ave	W Summit St	10,880	21	1.76	1.29	145.0	Kent
167	East Ave	Morse St	10,660	15	1.29	1.67	145.7	Akron
168	N Howard St	Glenwood Ave	13,340	16	1.10	2.00	146.1	Akron
169	SR 8	Valleyview Rd	17,540	20	1.04	1.80	148.4	Macedonia
170	Manchester Rd (SR 93)	W Waterloo Rd	29,010	36	1.13	1.33	149.1	Akron
171	S Chillicothe Rd (SR 43)	Pioneer Trail	13,310	24	1.65	1.08	149.5	Aurora
172	Canton Rd (SR 91)	Paxton St	16,705	22	1.20	1.55	149.6	Akron
173	Newton St	Goodyear Blvd	10,950	15	1.25	1.67	149.9	Akron
174	SR 43	Tallmadge Rd (CR 18)	16,765	23	1.25	1.43	150.1	Por Co Brimfield Twp
175	W Cedar St (SR 261)	W Bowery St	11,910	19	1.46	1.42	150.7	Akron
176	E Market St (SR 18)	E Buchtel Ave/Cotter Ave	20,755	28	1.23	1.36	150.8	Akron
177	E Market St (SR 18)	Broadway St (SR 261)	26,895	31	1.05	1.45	151.3	Akron
178	E Market St (SR 18)	Arlington St	16,995	26	1.40	1.23	151.3	Akron
179	S Hawkins Ave	Diagonal Rd	17,150	22	1.17	1.55	152.0	Akron
180	Greensburg Rd	Lauby Rd	11,425	22	1.76	1.00	153.5	Green
181	Summit Rd (CR 148)	Prospect St (CR 74)	14,275	17	1.09	1.82	153.5	Por Co Ravenna Twp
182	S Maple (SR 162)	W Exchange St	16,715	21	1.15	1.57	154.0	Akron
183	Kelly Ave	E Waterloo Rd	14,401	18	1.14	1.67	155.0	Akron
184	W Cedar St (SR 261)	Locust St (SR 261)	13,195	20	1.38	1.40	155.3	Akron
185	Canton Rd (SR 91)	Wedgewood Dr	21,670	26	1.10	1.46	155.5	Akron
186	Diagonal Rd	Frederick Blvd	11,245	15	1.22	1.67	155.6	Akron
186	Massillon Rd (SR 241)	Boettler Rd	24,150	29	1.10	1.41	155.6	Green
188	Cedar St (SR 261)	S Main St	16,500	20	1.11	1.60	155.6	Akron
189	SR 261	Franklin Ave/Sunnybrook Rd	11,705	14	1.09	2.00	156.3	Kent
190	Sumner St	Wheeler St	3,501	10	2.61	1.40	158.2	Akron
191	Kent Rd (SR 59)	Charring Cross Rd	18,585	24	1.18	1.42	158.5	Stow
192	Arch St	Upson St	6,001	10	1.52	1.60	158.8	Akron
193	Copley (SR 162)	Frederick Blvd	14,920	18	1.10	1.67	159.5	Akron
194	Corporate Woods Pkwy	Corporate Woods Circle	6,351	14	2.01	1.29	160.5	Green
195	Brown St	E South St	14,290	20	1.28	1.40	161.0	Akron
196	E Market St (SR 18)	Case Ave	21,670	25	1.05	1.48	161.6	Akron

Table 2
HIGH CRASH INTERSECTIONS
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2008-2010

Rank	Street	Intersecting Street	Approach Ave. Daily Traffic	Total Crashes	Crash Rate	Severity Index	Composite Score	Location
197	E Market St (SR 18)	Hilbish Ave/Verdun Dr	18,765	26	1.27	1.15	163.0	Akron
198	Gougler Ave (SR 43)	Park Ave	8,421	17	1.84	1.12	163.1	Kent
199	Rand Ave	W State St	11,150	14	1.15	1.71	164.4	Akron
200	Kent Rd (SR 59)	Marsh Rd	18,510	23	1.13	1.43	164.8	Stow
201	Brittain Rd	Goodyear Blvd	13,835	19	1.25	1.42	166.3	Akron
202	Massillon Rd (SR 241)	Raber Rd	27,230	31	1.04	1.32	166.9	Green
203	SR 5/44	Sandy Lake Rd (CR 89)	11,485	13	1.03	2.23	167.0	Por Co Rootstown Twp
204	S High St (SR 261)	University Ave	10,400	18	1.58	1.22	167.6	Akron
205	Greenwich Rd	Hametown Rd	8,790	11	1.14	1.91	167.9	Norton
206	Memorial Pkwy	Hickory St	12,370	14	1.03	1.86	168.6	Akron
207	Wolf Ledges Pkwy/Bellows St	E South St	8,310	10	1.10	2.40	169.0	Akron
208	E Turkeyfoot Lake Rd (SR 619)	Cottage Grove Rd	16,410	23	1.28	1.17	169.9	Green
209	Cottage Grove Rd	Moore Rd	5,335	13	2.23	1.15	171.2	Green
210	Bartges St	S Main St	5,025	13	2.36	1.00	171.8	Akron
211	S Arlington Rd	Interstate Pkwy	18,320	23	1.15	1.35	172.0	Green
211	State Rd	Valley Rd	18,230	23	1.15	1.35	172.0	Cuyahoga Falls
213	Southeast Ave	Eastwood/Munroe Ave	16,110	22	1.25	1.27	173.0	Tallmadge
214	Vernon Odom Blvd (SR 261)	Raymond St	7,850	10	1.16	1.80	173.2	Akron
215	4th St NW/Barber Rd Rd	Norton Rd	14,470	17	1.07	1.59	173.6	Barberton
216	W Steels Corners Rd	Northampton Rd	5,680	11	1.77	1.36	174.8	Cuyahoga Falls
217	Mayfair Rd	Graybill Rd	7,171	10	1.27	1.60	175.3	Green
218	W Exchange St (SR 261)	Paul Williams St	12,461	19	1.39	1.21	176.5	Akron
219	Killian Rd (CR 135)	S Main St (CR 50)	16,580	21	1.16	1.38	176.8	Sum Co Coventry Twp
220	Brittain Rd	Newton St	13,380	15	1.02	1.67	177.2	Akron
221	W Bowery St	W State St	6,360	13	1.87	1.15	177.5	Akron
222	Lakeshore Blvd	W South St	8,820	11	1.14	1.73	178.4	Akron
223	Dayton St	E Glenwood Ave	4,000	10	2.28	1.20	178.6	Akron
224	Broad Blvd	3rd St	14,350	18	1.15	1.44	179.6	Cuyahoga Falls
225	E Buchtel Ave	S College St	11,325	14	1.13	1.57	180.6	Akron
226	W Main St (SR 59)	Scranton St	13,711	17	1.13	1.47	181.7	Ravenna
227	E Tallmadge Ave (SR 261)	Dayton St	15,165	20	1.20	1.30	182.9	Akron
228	Tallmadge Rd (CR 18)	Cascades Blvd	11,831	16	1.24	1.38	183.6	Por Co Brimfield Twp
229	S Broadway St (SR 261)	E Mill St	12,940	19	1.34	1.11	184.6	Akron
230	Dart Ave	W Thornton St	9,180	11	1.09	1.73	184.7	Akron
231	23rd St	Broad Blvd	7,600	10	1.20	1.60	185.5	Cuyahoga Falls
232	Northeast Ave (SR 261)	E Howe/Munroe Rd	15,820	21	1.21	1.19	187.6	Tallmadge
233	W Streetsboro Rd (SR 303)	Library St	19,664	24	1.11	1.17	187.9	Hudson
234	N Wooster Rd	W Lake Ave	9,485	11	1.06	1.73	188.0	Barberton
235	Grant St	S Conn St/I-76 WB On-ramp	11,270	13	1.05	1.62	188.6	Akron
236	Brecksville Rd	Broadview/Wheatley Rd (SR 176)	18,040	22	1.11	1.27	189.4	Richfield
236	S High St (SR 261)	E Buchtel Ave	9,061	12	1.21	1.50	189.6	Akron
237	W Exchange St	S Portage Path/Hyde St	12,221	14	1.05	1.57	189.8	Akron
239	N Wooster Rd	W Hopocan Ave	12,270	16	1.19	1.38	189.9	Barberton
240	4th St	Oakwood Dr	6,430	10	1.42	1.40	190.9	Cuyahoga Falls
241	Valleyview Rd (CR 25)	Olde Eight Rd (CR 16)	19,100	23	1.10	1.17	191.5	Northfield Ctr/Sagamore Hills Twp
242	Bailey Rd	North Moreland Blvd	11,770	15	1.16	1.40	191.9	Cuyahoga Falls
243	Diagonal Rd	Superior Ave	10,855	12	1.01	1.67	192.1	Akron
244	SR 303	Market Square Dr	11,020	14	1.16	1.43	192.6	Streetsboro
245	Cherry St	Franklin Ave	7,135	12	1.54	1.17	193.6	Kent

Table 2
HIGH CRASH INTERSECTIONS
 RANKED BY COMPOSITE SCORE
 2008-2010

Rank	Street	Intersecting Street	Approach Ave. Daily Traffic	Total Crashes	Crash Rate	Severity Index	Composite Score	Location
246	W Main St (SR 59)	Sycamore St	17,140	19	1.01	1.42	194.5	Ravenna
247	Bailey Rd	Myrtle Ave	10,945	15	1.25	1.27	194.6	Cuyahoga Falls
248	Graham Rd	Lillis St	14,615	16	1.00	1.50	195.9	Cuyahoga Falls
249	N Freedom St (SR 88)	E Highland Rd	11,060	15	1.24	1.27	196.7	Ravenna
250	Eastwood Ave	Goodyear Blvd	9,675	12	1.13	1.50	197.8	Akron
251	E Glenwood Ave	Dan/Fouse St	12,476	17	1.24	1.00	201.2	Akron
252	Hines Hill Rd	Olde Eight Rd	7,385	10	1.24	1.40	205.9	Boston Heights
253	Dart Ave	Center St/Locust St	8,160	12	1.34	1.17	207.1	Akron
254	Copley Rd (SR 162)	Jacoby Rd (CR 205)	12,010	15	1.14	1.27	208.1	Sum Co Copley Twp
255	Front St	Wadsworth Ave	6,090	10	1.50	1.00	209.8	Cuyahoga Falls
256	Mogadore Rd (From the North)	Tallmadge Rd (CR 18)	12,670	14	1.01	1.43	210.3	Por Co Brimfield Twp
257	S Main St	State St	10,300	14	1.24	1.14	210.3	Akron
258	E Highland Rd (CR 111)	Olde Eight Rd (CR 16)	11,525	13	1.03	1.46	211.1	Sum Co Northfield Center Twp
259	Wilbeth (SR 764)	Inman St	12,830	14	1.00	1.43	212.1	Akron
260	E Wilbeth Rd (SR 764)	S Firestone Blvd	11,790	13	1.01	1.46	212.9	Akron
261	W Wooster Rd	3rd NW St	11,705	14	1.09	1.29	218.4	Barberton
262	Brown St	N Firestone Blvd	8,536	10	1.07	1.40	225.4	Akron
263	Stow Rd	Call Rd	10,555	12	1.04	1.33	228.1	Stow
264	Cleveland Massillon Rd (CR 17)	Ridgewood Rd (CR 83)	13,550	15	1.01	1.13	231.8	Sum Co Copley Twp/Fairlawn
265	E Buchtel Ave	Hill St	10,730	12	1.02	1.00	246.4	Akron



**Map 2
TOP 50
HIGH CRASH INTERSECTIONS
2008-2010**
● High Crash Intersections

Table 3
HIGH CRASH FREEWAY LOCATIONS
 RANKINGS FROM THE ODOT HIGHWAY SAFETY PROGRAM
 2008-2010

Rank	Freeway	Location Description (Based on nearest reference point)		Length (miles)	Total Crashes	Location
		From	To			
1	SR 8	0.10 mile south of Glenwood Ave	Glenwood Ave overpass	0.10	289	Akron
2	SR 8	0.05 mile south of Perkins Ave (SR 59)	0.05 mile north of Perkins Ave (SR 59)	0.10	286	Akron
3	SR 8	0.10 mile south of Tallmadge Ave	Tallmadge Ave	0.10	249	Akron
4	I-77	0.05 mile south of Wilbeth Rd (SR 764)	0.05 mile north of Wilbeth Rd (SR 764)	0.10	226	Akron

Visit the Ohio Department of Transportation's website at <http://www.dot.state.oh.us/Divisions/Planning/ProgramMgt/ProgramManagement/Pages/SafetyPrograms.aspx> for additional information and methodology that ODOT used to rank freeway locations.