CITY OF JANESVILLE
INTERSECTION SAFETY SCREENING STUDY

YEARS 2013 - 2017
DATE SUBMITTED: JULY 3, 2018

PREPARED FOR:

City of Janesville
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Intersection Safety Screening Study

July 3rd, 2018

PROVIDING TRAFFIC ENGINEERING SOLUTIONS

To: Ahnaray B. Bizjak, P.E., City of Janesville

From: John Campbell, P.E., TADI

Subject: Intersection Safety Screening Study (2013 thru 2017)

Introduction

TADI was hired by the City of Janesville to conduct an intersection safety screening study. The study focused on the local roadway network and State/County intersections were not considered. The analysis was conducted using electronic crash data retrieved through the WisTransPortal system provided by the Wisconsin Traffic Operations Laboratory. Crashes that were potentially intersection related (i.e., occurred near intersections) were included. Five-years of crash data (2013 – 2017) were analyzed for 60 intersections throughout the City of Janesville. The 60 intersections were specified by the City of Janesville after a review of the preliminary crash data.

Objectives

The study had five main objectives.

1. To identify safety issues that could be eligible for remediation through the Highway Safety Improvement Program (HSIP), which can provide up to a 90 percent Federal Funding contribution.   The next HSIP submissions are due August 15, 2018.

2. To identify safety issues that the City of Janesville may want to address locally.

3. To provide a five-year summary (2013 – 2017) of the crash data at intersections within the City of Janesville.

4. To conduct a field review and make recommendations for the southbound (SB) to westbound (WB) movement at the Parker Drive/Memorial Drive interchange, which was previously identified by the City of Janesville as a location with a potential rear-end crash safety issue.

5. To review the crash history of the United States Highway (USH) 51 "Five Points" connecting highway intersection of Center Avenue/Centerway @ Court Street & Milwaukee Street.

Analysis Description & Definitions

The crash data was analyzed several ways to assist in the identification of potential safety issues. Below is a description of the various components to the analysis:

Intersection Database – Appendix A
An intersection database was assembled for the 60 intersections in this study. The database includes the following information about each intersection: intersection name, traffic control (traffic signal, all-way stop, side-stop, other-stop, uncontrolled), number of legs, entering AADT, and GIS

coordinates. Also provided in the database is the average crash frequency per year, crash rate, and economic loss associated with crashes. The intersection database is displayed in Appendix A.

Economic Loss Ranking – Appendix B
A method for measuring the severity of crashes commonly used is to associate economic loss values with different injury severity. There are a multitude of ways to assign and define economic loss. For this study, a basic methodology that assigns $60,000 for crashes resulting in a fatality (K-Level), incapacitating injury (A-Level), and non-incapacitating injury (B-Level) was used. These are referred to as KAB crashes. For non-injury (property damage) and possible injury (C-Level), a value of $10,000 was assigned to each crash.

Ranking the intersections by economic loss is an effective method for identifying intersections that not only could warrant safety improvements, but also may be eligible for funding through the HSIP program administered by the Wisconsin Department of Transportation (WisDOT). The HSIP program uses economic loss as a measure when determining a project's eligibility. The economic loss rankings are available in Appendix B.

Crash Frequency Ranking – Appendix C
A ranking of the intersections by the number of crashes that occurred in the five-year time span of 2013 thru 2017 can be found in Appendix C.

Crash Rate Ranking – Appendix D
Intersection crash rate, which is reported as the number of crashes per million entering vehicles, is a commonly used statistic. It measures the risk of a crash occurring per million entering vehicles. It can be a helpful statistic for identifying safety issues. A ranking of intersections by crash rate can be found in Appendix D.

Night-Time Crash Ranking – Appendix E
The number of crashes occurring in low-light (dawn/dusk) or at night are considered night-time crashes in this analysis and are summarized in Appendix E. A high number of night-time crashes can indicate a need to add or upgrade street lighting.

Slippery Conditions Crash Ranking – Appendix F
The number of crashes occurring in slippery pavement conditions (wet, snow, ice) are summarized in Appendix F. A high number of slippery pavement crashes can indicate a need to improve the pavement friction.

Pedestrian and Bicycle Crashes – Appendix G
The number of crashes and economic loss associated with crashes involving pedestrian and bicycles are displayed in Appendix G. The intersections are ordered by the total economic loss of the intersections.

Top Crash Patterns – Appendix H
The overall top 60 crash patterns, ranked by economic loss, is provided in Appendix H. The crash patterns are directionally specified, such as SB left-turn angle crash. This analysis is helpful in identifying specific crash patterns that might be overlooked when looking at total intersection crashes

statistics. Some crash patterns in this list may be at intersections that did not appear in the intersection database.

Intersection Specific Crash Statistics – Appendix I
Summaries of the crash data, particularly the specific crash patterns observed at each intersection, are available in Appendix I. There are 60 pages, one for each intersection, and they are ordered by total economic loss.

Five Points Intersection – Appendix J
One connecting highway intersection was also evaluated as part of this study. The crash type summary for the USH 51 Connecting Highway Intersection of Center Avenue/Centerway @ Court Street & Milwaukee Street (commonly called the "Five Points" intersection) is provided in Appendix J. Based on an initial screening of the electronic crash data, this signalized intersection observed 89 crashes in the past five years. The crash rate was 2.11 crashes per MEV and the economic loss total was $1,040,000. All three of these measures would rank #1 if included in the local intersections rankings provided in this report.   The entering ADT was reported as 23,150 and railroad lines cross the west leg of the intersection.

Recommendations
The recommendations of the study are meant to serve as a planning tool for the City of Janesville to address safety issues throughout the community, whether through HSIP projects or locally funded improvements. Recommendations are divided into three tiers.

4	Tier 1 – the crash history indicates that the improvement has a good chance to be eligible for funding through the HSIP program.
5	Tier 2 – the crash history indicates that the improvement might be eligible for funding through the HSIP program but may need to be packaged in a project with improvements at Tier 1 location(s) to improve chances of eligibility.
6	Tier 3 – the crash history indicates that the improvement is unlikely to be eligible through the HSIP program, but the City of Janesville may want to look at making safety improvements.

The recommendations are summarized in Table 1. There are 11 safety improvements listed in the columns of the table. Thirty-eight of the 60 intersections studied in the analysis are included in the recommendations table. Intersections with no recommendations are not included in the table.

The following three intersections appear to be good candidates for substantial safety improvements, including new traffic signal infrastructure, new signal timings, signal coordination, pavement marking, signing, and possibly other treatments via the HSIP program:

- Court St. & Crosby Ave.
- Court St. & Pearl St.
- Memorial Dr. & Washington St.

Many other intersections are also included in Table 1. Some of the intersections could qualify for substantial projects via the HSIP program, especially if packaged with HSIP eligible work at other locations. Other intersections have been included in Table 1 based on their history of observing pedestrian and/or bicycle crashes, as pedestrian and bicycle treatments can qualify for HSIP funding.

It is recommended that the City of Janesville use the information in Table 1 as a planning tool for making safety improvements and applying for HSIP funding.

Table 1. Summary of Recommendations

			IMPROVEMENT TYPE:	TRAFFIC SIGNALS			PEDESTRIAN			BIKE	LOW-COST		PAVE	LED
RANK[1]	INTERSECTION	TRAFFIC CONTROL		New Traffic Signals	Retiming Traffic Signals	Coordinating Traffic Signals	Countdown Pedestrian Timers	ADA Compliant Curb Ramps	High-Visibility Crosswalks	Bicycle Treatments	New Pavement Marking	Improved Street Signing	High Friction Surface Treatment	Updgrade Street Lighting
1**	USH 51 (FIVE POINTS INTERSECTION)	Traffic Signal		1	1	1	1	1	1	2	1	1	1	1
1	COURT ST & CROSBY AVE	Traffic Signal		1	1	1	1	1	1	2	1	1	1	1
2	COURT ST & MAIN ST	Traffic Signal		1	1	1	2	2	2	1	1	1		2
3	COURT ST & PEARL ST	Traffic Signal		1	1	1	2	2	2	1	1	1	2	
4	MEMORIAL DR & WASHINGTON ST	Traffic Signal		1	1	1	2	2	2		1	1		2
5	RACINE ST & RANDALL AVE	Traffic Signal		2	2	2	1	1	1		1	1		1
6	MILWAUKEE ST & PONTIAC DR	Traffic Signal		2	2	2	2	2	2		2	2		
7	MILWAUKEE ST & RANDALL AVE	Traffic Signal		2	2	2					2	2		2
8	MILWAUKEE ST & MAIN ST	Traffic Signal					1	1	1	2		1		
9	MOUNT ZION AVE & PONTIAC DR	Traffic Signal					2	2	2				2	2
10	ARCH ST & COURT ST	Traffic Signal					2	2	2	2				2
11	MILWAUKEE ST & MT ZION AVE & WRIGHT RD	Traffic Signal		3	3	3					3	3		
12	MILWAUKEE ST & PARKER DR	Traffic Signal		3	3	3					3	3	2	
13	HARMONY DR & MILWAUKEE ST	Traffic Signal		3	3	3				1	3	3		
14	GARFIELD AVE & MILW ST & CENTERWAY ST	Other Stop		3	3	3					3	3		
15	MAIN ST & RACINE ST	Traffic Signal		3	3	3	5	5	5		3	3		
16	COURT ST & JACKSON ST	Traffic Signal		2	2	2					2	2		
17	COURT ST & GARFIELD AVE	Side-Stop									3	3		
18	PALMER DR & RACINE ST	Traffic Signal		3	3	3					3	3		
20	OAKLAND AVE & RANDALL AVE	Side-Stop						1	1		1	1		
21	LEXINGTON DR & MILWAUKEE ST	Traffic Signal								1				
22	MOUNT ZION AVE & MORNINGSIDE DR	Traffic Signal								1				2
23	COURT ST & OAKHILL AVE	Side-Stop								1				
24	HIGHLAND AVE & OAKHILL AVE	Side-Stop								1				
28	JACKSON ST & RACINE ST	Traffic Signal								1				
29	MOUNT ZION AVE & RANDALL AVE	Traffic Signal								1				
30	JACKSON ST & MILWAUKEE ST	Traffic Signal									3	3		
31	MINERAL POINT AVE & OAKHILL AVE	All-Way Stop								1				
38	BELOIT AVE & DELAVAN DR	Traffic Signal											2	
39	AFTON RD & ROCKPORT RD	Other Stop											3	
40	RUGER AVE & WRIGHT RD	All-Way Stop								1				
42	JACKSON ST & MCKINLEY ST	Side-Stop						1	1					2
45	CROSBY AVE & MINERAL POINT AVE	Traffic Signal					2	2	2	2			3	
48	ACADEMY ST & COURT ST	Side-Stop								1				
51	CROSBY AVE & ROCKPORT RD	All-Way Stop								2			3	
52	FOREST PARK BLVD & RUGER AVE	Side-Stop						1	1					3
53	COURT ST & WISCONSIN ST	Side-Stop						1	1					
54	LEXINGTON DR & RUGER AVE	All-Way Stop						1	1					
55	MILWAUKEE ST & RIVER ST	Traffic Signal								2				

[1] Rank represents Economic Loss Ranking. Only intersections with improvements for consideration are shown in this table (other rows/intersections are hidden).

** USH 51 Connecting Highway Intersection of Center Avenue/Centerway @ Court Street & Milwaukee Street would rank 1st in economic loss if ranked against local intersections.

PLANNED OR ON-GOING IMPROVEMENTS	
#2 COURT ST & MAIN ST	Court St is being converted to 2-way traffic and signals will be updated for the 2-way traffic.
#16 COURT ST & JACKSON ST	Court St. is being converted to 2-way traffic and signals have been removed. Now a 2-way stop on Jackson St.
#30 JACKSON ST & MILWAUKEE ST	This will be reconstructed in 2020 to a raised intersection and the traffic signals will be removed.
#48 ACADEMY ST & COURT ST	This is part of the Court St. conversion area – although it will remain a one-way EB on the west leg. On-street bike lanes are being added on Court St.
#53 COURT ST & WISCONSIN ST	Court St. is being converted to 2-way traffic.

Parker Drive/Memorial Drive Interchange Ramps

The final component of this study was a safety review at the Parker Dr./Memorial Dr. Interchange. A field visit was conducted by John Campbell, P.E. on April 18th, 2018. Based on the observations in the field and the crash history which showed a relatively low crash rate of 0.55 crashes per MEV (which ranked 56 of 60 in the intersection crash rate ranking), there does not appear to be a substantial safety issue at the interchange. However, there are some opportunities for improvement as described below.

SB to WB Ramp

The SB to WB ramp movement has a relatively quick merge on an incline and has resulted in rear-end crashes. It is suggested the following improvements be considered:

1. Reducing the volume of vehicles that use the outside lane on WB Memorial Dr. could make merging easier. To do this, the outside lane could be signed and pavement marked to be an "exit only" lane to Parker Dr. prior to the interchange. The outside lane reestablishes itself with the NB to WB on-ramp and would be expected to have less traffic volume conflicting with the SB to WB on-ramp.

2. In the gore area of the merge, it is suggested adding edgeline pavement marking along the lane edges of the ramp and Memorial Dr., chevron pavement marking in the neutral area, and a dotted edgeline extension. These markings are expected to reinforce the message that a merge is coming up.

3. To further reinforce the message that a merge is impending, it is suggested adding a supplemental text warning sign stating "MERGE AHEAD" to the existing merge sign and adding a second set of signs on the outside shoulder of the ramp.

4. WB Memorial Dr., soon after the merge point with the SB to WB ramp from Parker Dr, an old turn-down guardrail end exists. It is suggested that consideration be given to updating the guardrail end to meet current standards and have a crash cushion. This is a **proactive** suggestion as there did not appear to be any guardrail collisions.

EB to NB Ramp

The EB to NB ramp movement also has a quick merge and like the SB to WB ramp, has resulted in rear-end crashes. Geometrically, it appears to provide a conflicting message for drivers who must choose whether to merge like a typical on-ramp or yield as if they were in a yield controlled channelized right-turn lane.

It is suggested that the lane-drop improvement #1 listed for the SB to WB ramp also be considered at this location. At this location, if it is feasible to drop the outside lane as an exit only to the NB to EB ramp, then the EB to NB ramp could become a free-flow on-ramp and reestablish the outside lane on northbound Parker Dr.

If the lane-drop suggestion is not feasible, then it is suggested that consideration be given to lengthening the EB to NB on-ramp to provide a parallel merging section and incorporating additional signing and pavement marking like suggestions #2 and #3 for the SB to WB ramp.

Traffic counts and capacity analysis are suggested for validating the feasibility of lane-drop scenarios.

Conclusions

Overall, at the 60 local intersections analyzed in this study, 1,151 crashes were observed totaling more than $19 million in economic loss. There are several locations that appear to be good candidates for applying for 90 percent Federal Funding through the HSIP program and there are many other intersections the City of Janesville may want to consider locally funded safety improvements.

TADI recommends submitting the three intersections of Court St. & Crosby Ave., Court St. & Pearl St., and Memorial Dr. & Washington St. for HSIP funding to the Wisconsin Department of Transportation prior to August 15, 2018. Additional intersections can also be submitted for HSIP funding, although the chance of getting these additional intersections funded are likely not as great as the three intersections mentioned above.

TADI highly recommends coordinating with the Wisconsin Department of Transportation regarding the safety history and need for improvements at the USH 51 Connecting Highway "Five Points" Intersection of Center Avenue/Centerway @ Court Street & Milwaukee Street. This intersection observed 89 crashes in the past five years, had a crash rate of 2.11 crashes per MEV, and an economic loss total that would have ranked first on the ranking of local intersections in this study. The intersection observed a variety of crash types, including two crashes involving pedestrians and one crash involving a bicyclist.

Improvements suggested for consideration on a site-by-site basis in this study include traffic signal upgrades, pedestrian and bicycle treatments, signing and pavement marking updates, high-friction-surface-treatment, and updated street lighting. The information in this safety screening analysis can be used as a planning tool for the City of Janesville to plan future safety improvements. It is recommended that the City meets with TADI to assist in the development of HSIP applications and/or prioritizing local safety projects.

As for the Parker Dr. & Memorial Dr. Interchange which was identified by the City of Janesville as having rear-end crash patterns, compared to other intersections within the City of Janesville, it does not appear to have a substantial safety issue. However, suggestions are provided in this study to potentially mitigate rear-end crashes by reducing merging conflicts via upstream lane drops. Additional signing and pavement marking are also recommended. To validate the feasibility of the lane-drop suggestions for the SB to WB ramp and the EB to NB ramp, traffic counts and capacity analysis are recommended.

Lastly, it is recommended that the City of Janesville monitor the crash histories at the following intersections with on-going or planned improvements that made the top-60 list:

- Court St. & Main St.
- Court St. & Jackson St.
- Jackson St. & Milwaukee St.
- Academy St. & Court St.
- Court St. & Wisconsin St.

Reviewing the future crash performance of these sites will help quantify the effectiveness of the improvements.

APPENDIX A
Intersection Database
CITY OF JANESVILLE (2013 - 2017)

RANK[1]	INTERSECTION NAME	TRAFFIC CONTROL	LEGS	ENTERING AADT	COORDINATES	CRASHES PER YEAR	CRASH RATE	ECONOMIC LOSS
1	COURT ST & CROSBY AVE	Traffic Signal	4	19,000	42.679223, -89.051659	14	1.99	$1,040,000
2	COURT ST & MAIN ST	Traffic Signal	4	12,250	42.681913, -89.021384	8	1.79	$750,000
3	COURT ST & PEARL ST	Traffic Signal	4	14,450	42.679425, -89.035746	8	1.55	$660,000
4	MEMORIAL DR & WASHINGTON ST	Traffic Signal	4	18,950	42.693911, -89.03707	9	1.24	$580,000
5	RACINE ST & RANDALL AVE	Traffic Signal	4	12,950	42.678888, -89.002838	6	1.35	$570,000
6	MILWAUKEE ST & PONTIAC DR	Traffic Signal	4	16,850	42.695563, -88.987876	5	0.88	$570,000
7	MILWAUKEE ST & RANDALL AVE	Traffic Signal	4	15,500	42.690864, -89.002996	7	1.24	$500,000
8	MILWAUKEE ST & MAIN ST	Traffic Signal	4	10,500	42.682979, -89.022586	6	1.51	$490,000
9	MOUNT ZION AVE & PONTIAC DR	Traffic Signal	4	14,850	42.700444, -88.988901	6	1.03	$480,000
10	ARCH ST & COURT ST	Traffic Signal	4	13,650	42.679305, -89.045026	5	0.92	$480,000
11	MILWAUKEE ST & MT ZION AVE & WRIGHT RD	Traffic Signal	5	21,700	42.700026, -88.973544	7	0.93	$470,000
12	MILWAUKEE ST & PARKER DR	Traffic Signal	4	12,900	42.683469, -89.021533	6	1.32	$460,000
13	HARMONY DR & MILWAUKEE ST	Traffic Signal	4	14,150	42.692701, -88.997039	6	1.20	$460,000
14	GARFIELD AVE & MILWAUKEE ST & CENTERWAY ST	Other Stop	5	10,100	42.688082, -89.012189	7	1.90	$450,000
15	MAIN ST & RACINE ST	Traffic Signal	4	12,950	42.677268, -89.016205	5	1.02	$390,000
16	COURT ST & JACKSON ST	Traffic Signal	4	8,600	42.679748, -89.025774	4	1.21	$390,000
17	COURT ST & GARFIELD AVE	Side-Stop	5	13,550	42.686362, -89.012365	4	0.77	$390,000
18	PALMER DR & RACINE ST	Traffic Signal	4	13,600	42.675121, -88.993015	4	0.89	$370,000
19	MEMORIAL DR & PARKER DR	Interchange	4	25,850	42.69388, -89.029356	5	0.55	$360,000
20	OAKLAND AVE & RANDALL AVE	Side-Stop	4	8,500	42.681565, -89.002868	3	0.90	$340,000
21	LEXINGTON DR & MILWAUKEE ST	Traffic Signal	4	16,100	42.693731, -88.9937	4	0.75	$320,000
22	MOUNT ZION AVE & MORNINGSIDE DR	Traffic Signal	4	11,100	42.700183, -88.979245	2	0.59	$320,000
23	COURT ST & OAKHILL AVE	Side-Stop	4	12,750	42.679364, -89.041796	2	0.52	$320,000
24	HIGHLAND AVE & OAKHILL AVE	Side-Stop	4	7,200	42.690253, -89.042171	3	1.22	$310,000
25	DEERFIELD DR & MILTON AVE FRONTAGE RD 9	Side-Stop	4	7,600	42.726704, -88.989642	3	1.01	$290,000
26	LEXINGTON DR & LIBERTY LN	Side-Stop	3	7,900	42.715401, -88.99361	4	1.25	$280,000
27	HOLIDAY DR & PONTIAC DR	Traffic Signal	4	13,450	42.713727, -88.989254	4	0.73	$280,000
28	JACKSON ST & RACINE ST	Traffic Signal	4	7,650	42.674819, -89.020627	3	0.93	$280,000
29	MOUNT ZION AVE & RANDALL AVE	Traffic Signal	4	12,200	42.700744, -89.003182	3	0.58	$280,000
30	JACKSON ST & MILWAUKEE ST	Traffic Signal	4	6,300	42.681332, -89.026927	3	1.48	$270,000
31	MINERAL POINT AVE & OAKHILL AVE	All-Way Stop	4	5,900	42.686655, -89.042064	2	1.11	$270,000
32	HARDING ST & MEMORIAL DR	Side-Stop	4	11,600	42.693866, -89.025632	4	0.99	$260,000
33	MILWAUKEE ST & MORNINGSIDE DR	Side-Stop	4	11,700	42.698284, -88.979197	3	0.75	$260,000
34	PONTIAC DR & RANDOLPH RD	Side-Stop	4	8,000	42.707081, -88.989106	2	0.75	$260,000
35	ARBOR DR & RACINE ST	Side-Stop	3	9,800	42.678634, -88.998789	2	0.62	$260,000
36	HOLIDAY DR & MILTON AVE FRONTAGE RD 4	Side-Stop	4	8,000	42.713886, -89.001249	3	1.03	$250,000
37	LEXINGTON DR & MOUNT ZION AVE	Side-Stop	4	8,450	42.700558, -88.994482	3	0.91	$240,000
38	BELOIT AVE & DELAVAN DR	Traffic Signal	4	13,750	42.667078, -89.012006	4	0.72	$230,000
39	AFTON RD & ROCKPORT RD	Other Stop	3	6,550	42.672068, -89.041515	3	1.09	$230,000
40	RUGER AVE & WRIGHT RD	All-Way Stop	4	8,800	42.683448, -88.973212	3	0.81	$230,000
41	HARMONY DR & RUGER AVE	Side-Stop	4	12,700	42.686127, -88.996405	3	0.56	$230,000
42	JACKSON ST & MCKINLEY ST	Side-Stop	4	4,200	42.67894, -89.025192	2	1.04	$230,000
43	BLACK BRIDGE RD & RANDALL AVE	All-Way Stop	4	9,050	42.704293, -89.003277	3	1.03	$220,000
44	RANDOLPH RD & WRIGHT RD	Traffic Signal	4	13,850	42.706768, -88.973675	3	0.67	$220,000
45	CROSBY AVE & MINERAL POINT AVE	Traffic Signal	4	10,600	42.686501, -89.051957	2	0.62	$220,000
46	COURT ST & PINE ST	Side-Stop	4	13,250	42.679392, -89.039431	1	0.29	$220,000
47	GRANT AVE & SCHALLER ST	Uncontrolled	4	3,000	42.655367, -89.04607	1	1.10	$210,000
48	ACADEMY ST & COURT ST	Side-Stop	4	5,380	42.679379, -89.028337	2	1.02	$200,000
49	PALMER DR & WRIGHT RD	Side-Stop	4	8,100	42.678337, -88.973257	2	0.68	$200,000
50	MEMORIAL DR & RANDALL AVE	All-Way Stop	4	9,200	42.6934, -89.003027	3	0.83	$190,000
51	CROSBY AVE & ROCKPORT RD	All-Way Stop	4	10,450	42.671942, -89.051541	3	0.73	$190,000
52	FOREST PARK BLVD & RUGER AVE	Side-Stop	4	6,200	42.686342, -89.009628	2	0.80	$190,000
53	COURT ST & WISCONSIN ST	Side-Stop	4	8,400	42.68363, -89.018511	2	0.59	$190,000
54	LEXINGTON DR & RUGER AVE	All-Way Stop	4	13,100	42.686082, -88.993939	2	0.38	$190,000
55	MILWAUKEE ST & RIVER ST	Traffic Signal	4	7,950	42.682221, -89.024755	3	0.90	$180,000
56	ACADEMY ST & MILWAUKEE ST	Traffic Signal	4	7,500	42.680451, -89.029116	2	0.88	$170,000
57	KELLOGG AVE & OAKHILL AVE	Side-Stop	4	8,000	42.649835, -89.041075	2	0.82	$170,000
58	RACINE ST & RIVER ST	Side-Stop	4	8,600	42.675876, -89.018862	2	0.76	$170,000
59	HOLIDAY DR & LEXINGTON DR	All-Way Stop	4	9,900	42.713628, -88.99357	2	0.66	$170,000
60	FREMONT ST & MILWAUKEE ST	Side-Stop	4	11,500	42.69048, -89.004255	2	0.52	$160,000
Totals			240	666,580		230	0.95	$19,560,000

Notes:

[1] Ranked by total economic loss. Economic Loss calculated by using $60k per KAB crash

(i.e., Fatal K-Level, Incapacitating Injury A-Level, or Non-Incapacitating Injury B-Level)

and $10k per Non-KAB crash (i.e., Possible Injury C-Level, or Property Damage Only PD-Level).

Most crashes within 300 feet of intersection, per the accident report form.

TADi TRAFFIC ANALYSIS & DESIGN, INC.

APPENDIX B

Economic Loss Ranking

CITY OF JANESVILLE (2013 - 2017)

RANK[1]	INTERSECTION	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PDO	CRASH FREQUENCY TOTAL	ECONOMIC LOSS (ALL CRASHES)
1	COURT ST & CROSBY AVE		2	5	9	53	69	$1,040,000
2	COURT ST & MAIN ST		4	3	6	27	40	$750,000
3	COURT ST & PEARL ST			5	14	22	41	$660,000
4	MEMORIAL DR & WASHINGTON ST			3	5	35	43	$580,000
5	RACINE ST & RANDALL AVE		1	4	3	24	32	$570,000
6	MILWAUKEE ST & PONTIAC DR		2	4	6	15	27	$570,000
7	MILWAUKEE ST & RANDALL AVE			3	6	26	35	$500,000
8	MILWAUKEE ST & MAIN ST			4	3	22	29	$490,000
9	MOUNT ZION AVE & PONTIAC DR		1	3	6	18	28	$480,000
10	ARCH ST & COURT ST		1	4	8	10	23	$480,000
11	MILWAUKEE ST & MT ZION AVE & WRIGHT RD			2	11	24	37	$470,000
12	MILWAUKEE ST & PARKER DR			3	4	24	31	$460,000
13	HARMONY DR & MILWAUKEE ST			3	7	21	31	$460,000
14	GARFIELD AVE & MILWAUKEE ST & CENTERWAY ST			2	4	29	35	$450,000
15	MAIN ST & RACINE ST		1	2	4	17	24	$390,000
16	COURT ST & JACKSON ST		1	3	6	9	19	$390,000
17	COURT ST & GARFIELD AVE			4	4	11	19	$390,000
18	PALMER DR & RACINE ST		1	2	3	16	22	$370,000
19	MEMORIAL DR & PARKER DR			2	5	19	26	$360,000
20	OAKLAND AVE & RANDALL AVE		1	3	1	9	14	$340,000
21	LEXINGTON DR & MILWAUKEE ST			2	5	15	22	$320,000
22	MOUNT ZION AVE & MORNINGSIDE DR			4	1	7	12	$320,000
23	COURT ST & OAKHILL AVE			4	2	6	12	$320,000
24	HIGHLAND AVE & OAKHILL AVE		1	2	3	10	16	$310,000
25	DEERFIELD DR & MILTON AVE FRONTAGE RD 9		2	1	4	7	14	$290,000
26	LEXINGTON DR & LIBERTY LN			2	1	15	18	$280,000
27	HOLIDAY DR & PONTIAC DR			2	5	11	18	$280,000
28	JACKSON ST & RACINE ST			3	3	7	13	$280,000
29	MOUNT ZION AVE & RANDALL AVE			3	4	6	13	$280,000
30	JACKSON ST & MILWAUKEE ST			2	2	13	17	$270,000
31	MINERAL POINT AVE & OAKHILL AVE		1	2	1	8	12	$270,000
32	HARDING ST & MEMORIAL DR			1	5	15	21	$260,000
33	MILWAUKEE ST & MORNINGSIDE DR			2	8	6	16	$260,000
34	PONTIAC DR & RANDOLPH RD			3	2	6	11	$260,000
35	ARBOR DR & RACINE ST			3	1	7	11	$260,000
36	HOLIDAY DR & MILTON AVE FRONTAGE RD 4			2	2	11	15	$250,000
37	LEXINGTON DR & MOUNT ZION AVE			2	4	8	14	$240,000
38	BELOIT AVE & DELAVAN DR			1	3	14	18	$230,000
39	AFTON RD & ROCKPORT RD		1	1	3	8	13	$230,000
40	RUGER AVE & WRIGHT RD			2	2	9	13	$230,000
41	HARMONY DR & RUGER AVE			2	3	8	13	$230,000
42	JACKSON ST & MCKINLEY ST		1	2		5	8	$230,000
43	BLACK BRIDGE RD & RANDALL AVE		1		3	13	17	$220,000
44	RANDOLPH RD & WRIGHT RD			1	2	14	17	$220,000
45	CROSBY AVE & MINERAL POINT AVE			2	5	5	12	$220,000
46	COURT ST & PINE ST	1		2		4	7	$220,000
47	GRANT AVE & SCHALLER ST			3	1	2	6	$210,000
48	ACADEMY ST & COURT ST			2	2	6	10	$200,000
49	PALMER DR & WRIGHT RD			2	2	6	10	$200,000
50	MEMORIAL DR & RANDALL AVE			1	2	11	14	$190,000
51	CROSBY AVE & ROCKPORT RD			1	3	10	14	$190,000
52	FOREST PARK BLVD & RUGER AVE			2	1	6	9	$190,000
53	COURT ST & WISCONSIN ST		1	1		7	9	$190,000
54	LEXINGTON DR & RUGER AVE			2		7	9	$190,000
55	MILWAUKEE ST & RIVER ST			1	4	8	13	$180,000
56	ACADEMY ST & MILWAUKEE ST			1	1	10	12	$170,000
57	KELLOGG AVE & OAKHILL AVE			1	4	7	12	$170,000
58	RACINE ST & RIVER ST			1	4	7	12	$170,000
59	HOLIDAY DR & LEXINGTON DR			1	2	9	12	$170,000
60	FREMONT ST & MILWAUKEE ST			1	4	6	11	$160,000
Totals		**1**	**23**	**137**	**219**	**771**	**1,151**	**$19,560,000**

Notes:

[1] Ranked by total economic loss. Economic Loss calculated by using $60k per KAB crash

    (i.e., Fatal K-Level, Incapacitating Injury A-Level, or Non-Incapacitating Injury B-Level)

    and $10k per Non-KAB crash (i.e., Possible Injury C-Level, or Property Damage Only PD-Level).

Most crashes within 300 feet of intersection, per the accident report form.

TADi — TRAFFIC ANALYSIS & DESIGN, INC.

APPENDIX C
Crash Frequency Ranking
CITY OF JANESVILLE (2013 - 2017)

RANK[1]	INTERSECTION	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PDO	CRASH FREQUENCY TOTAL
1	COURT ST & CROSBY AVE		2	5	9	53	69
2	MEMORIAL DR & WASHINGTON ST			3	5	35	43
3	COURT ST & PEARL ST			5	14	22	41
4	COURT ST & MAIN ST		4	3	6	27	40
5	MILWAUKEE ST & MT ZION AVE & WRIGHT RD			2	11	24	37
6	MILWAUKEE ST & RANDALL AVE			3	6	26	35
7	GARFIELD AVE & MILWAUKEE ST & CENTERWAY ST			2	4	29	35
8	RACINE ST & RANDALL AVE		1	4	3	24	32
9	MILWAUKEE ST & PARKER DR			3	4	24	31
10	HARMONY DR & MILWAUKEE ST			3	7	21	31
11	MILWAUKEE ST & MAIN ST			4	3	22	29
12	MOUNT ZION AVE & PONTIAC DR		1	3	6	18	28
13	MILWAUKEE ST & PONTIAC DR		2	4	6	15	27
14	MEMORIAL DR & PARKER DR			2	5	19	26
15	MAIN ST & RACINE ST		1	2	4	17	24
16	ARCH ST & COURT ST		1	4	8	10	23
17	PALMER DR & RACINE ST		1	2	3	16	22
18	LEXINGTON DR & MILWAUKEE ST			2	5	15	22
19	HARDING ST & MEMORIAL DR			1	5	15	21
20	COURT ST & JACKSON ST		1	3	6	9	19
21	COURT ST & GARFIELD AVE			4	4	11	19
22	LEXINGTON DR & LIBERTY LN			2	1	15	18
23	HOLIDAY DR & PONTIAC DR			2	5	11	18
24	BELOIT AVE & DELAVAN DR			1	3	14	18
25	JACKSON ST & MILWAUKEE ST			2	2	13	17
26	BLACK BRIDGE RD & RANDALL AVE		1		3	13	17
27	RANDOLPH RD & WRIGHT RD			1	2	14	17
28	HIGHLAND AVE & OAKHILL AVE		1	2	3	10	16
29	MILWAUKEE ST & MORNINGSIDE DR			2	8	6	16
30	HOLIDAY DR & MILTON AVE FRONTAGE RD 4			2	2	11	15
31	OAKLAND AVE & RANDALL AVE		1	3	1	9	14
32	DEERFIELD DR & MILTON AVE FRONTAGE RD 9		2	1	4	7	14
33	LEXINGTON DR & MOUNT ZION AVE			2	4	8	14
34	MEMORIAL DR & RANDALL AVE			1	2	11	14
35	CROSBY AVE & ROCKPORT RD			1	3	10	14
36	JACKSON ST & RACINE ST			3	3	7	13
37	MOUNT ZION AVE & RANDALL AVE			3	4	6	13
38	AFTON RD & ROCKPORT RD		1	1	3	8	13
39	RUGER AVE & WRIGHT RD			2	2	9	13
40	HARMONY DR & RUGER AVE			2	3	8	13
41	MILWAUKEE ST & RIVER ST			1	4	8	13
42	MOUNT ZION AVE & MORNINGSIDE DR			4	1	7	12
43	COURT ST & OAKHILL AVE			4	2	6	12
44	MINERAL POINT AVE & OAKHILL AVE		1	2	1	8	12
45	CROSBY AVE & MINERAL POINT AVE			2	5	5	12
46	ACADEMY ST & MILWAUKEE ST			1	1	10	12
47	KELLOGG AVE & OAKHILL AVE			1	4	7	12
48	RACINE ST & RIVER ST			1	4	7	12
49	HOLIDAY DR & LEXINGTON DR			1	2	9	12
50	PONTIAC DR & RANDOLPH RD			3	2	6	11
51	ARBOR DR & RACINE ST			3	1	7	11
52	FREMONT ST & MILWAUKEE ST			1	4	6	11
53	ACADEMY ST & COURT ST			2	2	6	10
54	PALMER DR & WRIGHT RD			2	2	6	10
55	FOREST PARK BLVD & RUGER AVE			2	1	6	9
56	COURT ST & WISCONSIN ST		1	1		7	9
57	LEXINGTON DR & RUGER AVE			2		7	9
58	JACKSON ST & MCKINLEY ST		1	2		5	8
59	COURT ST & PINE ST	1		2		4	7
60	GRANT AVE & SCHALLER ST			3	1	2	6
Totals		**1**	**23**	**137**	**219**	**771**	**1,151**

Notes:

[1] *Ranked by total number of crashes in five-year period.*

Most crashes within 300 feet of intersection, per the accident report form.

Injury definitions: Fatal K-Level, Incapacitating Injury A-Level, or Non-Incapacitating Injury B-Level

Possible Injury C-Level, or Property Damage Only PD-Level

TADi
TRAFFIC ANALYSIS & DESIGN, INC.

APPENDIX D

Crash Rate Ranking

CITY OF JANESVILLE (2013 - 2017)

RANK[1]	INTERSECTION	TRAFFIC CONTROL	ENTERING AADT	CRASH FREQ. TOTAL	WI AVG CRASH RATE[2]	CRASH RATE	GREATER THAN AVG?
1	COURT ST & CROSBY AVE	Traffic Signal	19,000	69	0.96	1.99	YES, by 107%
2	GARFIELD AVE & MILWAUKEE ST & CENTERWAY ST	Other Stop	10,100	35	N/A	1.90	---
3	COURT ST & MAIN ST	Traffic Signal	12,250	40	1.47	1.79	YES, by 22%
4	COURT ST & PEARL ST	Traffic Signal	14,450	41	1.47	1.55	YES, by 6%
5	MILWAUKEE ST & MAIN ST	Traffic Signal	10,500	34	1.47	1.51	YES, by 3%
6	JACKSON ST & MILWAUKEE ST	Traffic Signal	6,300	17	1.47	1.48	YES, by 1%
7	RACINE ST & RANDALL AVE	Traffic Signal	12,950	32	1.47	1.35	
8	MILWAUKEE ST & PARKER DR	Traffic Signal	12,900	31	1.47	1.32	
9	LEXINGTON DR & LIBERTY LN	Side-Stop	7,900	18	1.29	1.25	
10	MEMORIAL DR & WASHINGTON ST	Traffic Signal	18,950	43	0.96	1.24	YES, by 30%
11	MILWAUKEE ST & RANDALL AVE	Traffic Signal	15,500	35	0.96	1.24	YES, by 29%
12	HIGHLAND AVE & OAKHILL AVE	Side-Stop	7,200	16	1.29	1.22	
13	COURT ST & JACKSON ST	Traffic Signal	8,600	19	1.47	1.21	
14	HARMONY DR & MILWAUKEE ST	Traffic Signal	14,150	31	1.47	1.20	
15	MINERAL POINT AVE & OAKHILL AVE	All-Way Stop	5,900	12	N/A	1.11	---
16	GRANT AVE & SCHALLER ST	Uncontrolled	3,000	6	N/A	1.10	---
17	AFTON RD & ROCKPORT RD	Other Stop	6,550	13	N/A	1.09	---
18	JACKSON ST & MCKINLEY ST	Side-Stop	4,200	8	1.29	1.04	
19	MOUNT ZION AVE & PONTIAC DR	Traffic Signal	14,850	28	1.47	1.03	
20	BLACK BRIDGE RD & RANDALL AVE	All-Way Stop	9,050	17	N/A	1.03	---
21	HOLIDAY DR & MILTON AVE FRONTAGE RD 4	Side-Stop	8,000	15	1.29	1.03	
22	ACADEMY ST & COURT ST	Side-Stop	5,380	10	1.29	1.02	
23	MAIN ST & RACINE ST	Traffic Signal	12,950	24	1.47	1.02	
24	DEERFIELD DR & MILTON AVE FRONTAGE RD 9	Side-Stop	7,600	14	1.29	1.01	
25	HARDING ST & MEMORIAL DR	Side-Stop	11,600	21	1.29	0.99	
26	MILWAUKEE ST & MT ZION AVE & WRIGHT RD	Traffic Signal	21,700	37	0.96	0.93	
27	JACKSON ST & RACINE ST	Traffic Signal	7,650	13	1.47	0.93	
28	ARCH ST & COURT ST	Traffic Signal	13,650	23	1.47	0.92	
29	LEXINGTON DR & MOUNT ZION AVE	Side-Stop	8,450	14	1.29	0.91	
30	OAKLAND AVE & RANDALL AVE	Side-Stop	8,500	14	1.29	0.90	
31	MILWAUKEE ST & RIVER ST	Traffic Signal	7,950	13	1.47	0.90	
32	PALMER DR & RACINE ST	Traffic Signal	13,600	22	1.47	0.89	
33	MILWAUKEE ST & PONTIAC DR	Traffic Signal	16,850	27	0.96	0.88	
34	ACADEMY ST & MILWAUKEE ST	Traffic Signal	7,500	12	1.47	0.88	
35	MEMORIAL DR & RANDALL AVE	All-Way Stop	9,200	14	N/A	0.83	---
36	KELLOGG AVE & OAKHILL AVE	Side-Stop	8,000	12	1.29	0.82	
37	RUGER AVE & WRIGHT RD	All-Way Stop	8,800	13	N/A	0.81	---
38	FOREST PARK BLVD & RUGER AVE	Side-Stop	6,200	9	1.29	0.80	
39	COURT ST & GARFIELD AVE	Side-Stop	13,550	19	1.29	0.77	
40	RACINE ST & RIVER ST	Side-Stop	8,600	12	1.29	0.76	
41	PONTIAC DR & RANDOLPH RD	Side-Stop	8,000	11	1.29	0.75	
42	MILWAUKEE ST & MORNINGSIDE DR	Side-Stop	11,700	16	1.29	0.75	
43	LEXINGTON DR & MILWAUKEE ST	Traffic Signal	16,100	22	0.96	0.75	
44	CROSBY AVE & ROCKPORT RD	All-Way Stop	10,450	14	N/A	0.73	---
45	HOLIDAY DR & PONTIAC DR	Traffic Signal	13,450	18	1.47	0.73	
46	BELOIT AVE & DELAVAN DR	Traffic Signal	13,750	18	1.47	0.72	
47	PALMER DR & WRIGHT RD	Side-Stop	8,100	10	1.29	0.68	
48	RANDOLPH RD & WRIGHT RD	Traffic Signal	13,850	17	1.47	0.67	
49	HOLIDAY DR & LEXINGTON DR	All-Way Stop	9,900	12	N/A	0.66	---
50	CROSBY AVE & MINERAL POINT AVE	Traffic Signal	10,600	12	1.47	0.62	
51	ARBOR DR & RACINE ST	Side-Stop	9,800	11	1.29	0.62	
52	MOUNT ZION AVE & MORNINGSIDE DR	Traffic Signal	11,100	12	1.47	0.59	
53	COURT ST & WISCONSIN ST	Side-Stop	8,400	9	1.29	0.59	
54	MOUNT ZION AVE & RANDALL AVE	Traffic Signal	12,200	13	1.47	0.58	
55	HARMONY DR & RUGER AVE	Side-Stop	12,700	13	1.29	0.56	
56	MEMORIAL DR & PARKER DR	Interchange	25,850	26	N/A	0.55	---
57	FREMONT ST & MILWAUKEE ST	Side-Stop	11,500	11	1.29	0.52	
58	COURT ST & OAKHILL AVE	Side-Stop	12,750	12	1.29	0.52	
59	LEXINGTON DR & RUGER AVE	All-Way Stop	13,100	9	N/A	0.38	---
60	COURT ST & PINE ST	Side-Stop	13,250	7	1.29	0.29	
Totals			**666,580**	**1,156**		**0.95**	

Notes:

[1] Ranked by total number of crashes per million entering vehicles in five-year period.

[2] "Intersection Summary Statistics for Wisconsin", 2005, Knapp, Campbell, & Kienert.

  Urban intersection crash rates by traffic control & volume, page 88.

Most crashes within 300 feet of intersection, per the accident report form.

TADI TRAFFIC ANALYSIS & DESIGN, INC.

APPENDIX E

Night-Time Crash Ranking

CITY OF JANESVILLE (2013 - 2017)

RANK[1]	INTERSECTION	NIGHT-TIME CRASHES	TOTAL NUMBER OF CRASHES	PERCENT NIGHT-TIME	ECONOMIC LOSS (NIGHT-TIME)
1	COURT ST & CROSBY AVE	14	69	20%	**$290,000**
2	RACINE ST & RANDALL AVE	8	32	25%	**$230,000**
3	MEMORIAL DR & WASHINGTON ST	9	43	21%	**$190,000**
4	JACKSON ST & MCKINLEY ST	3	8	**38%**	**$180,000**
5	MILWAUKEE ST & RANDALL AVE	7	35	20%	**$170,000**
6	COURT ST & MAIN ST	11	40	28%	**$160,000**
7	MOUNT ZION AVE & PONTIAC DR	11	28	**39%**	**$160,000**
8	ARCH ST & COURT ST	5	23	22%	**$150,000**
9	MOUNT ZION AVE & MORNINGSIDE DR	5	12	**42%**	**$150,000**
10	MAIN ST & RACINE ST	4	24	17%	$140,000
11	ARBOR DR & RACINE ST	4	11	**36%**	$140,000
12	AFTON RD & ROCKPORT RD	4	13	31%	$140,000
13	OAKLAND AVE & RANDALL AVE	3	14	21%	$130,000
14	DEERFIELD DR & MILTON AVE FRONTAGE RD 9	3	14	21%	$130,000
15	MILWAUKEE ST & PONTIAC DR	7	27	26%	$120,000
16	MILWAUKEE ST & MAIN ST	7	29	24%	$120,000
17	MILWAUKEE ST & PARKER DR	11	31	**35%**	$110,000
18	HARMONY DR & MILWAUKEE ST	5	31	16%	$100,000
19	MEMORIAL DR & PARKER DR	5	26	19%	$100,000
20	JACKSON ST & RACINE ST	4	13	31%	$90,000
21	PALMER DR & RACINE ST	8	22	**36%**	$80,000
22	MOUNT ZION AVE & RANDALL AVE	3	13	23%	$80,000
23	HARMONY DR & RUGER AVE	3	13	23%	$80,000
24	CROSBY AVE & MINERAL POINT AVE	3	12	25%	$80,000
25	CROSBY AVE & ROCKPORT RD	3	14	21%	$80,000
26	RACINE ST & RIVER ST	3	12	25%	$80,000
27	HARMONY TOWN HALL & HUMES RD	3	6	**50%**	$80,000
28	COURT ST & PEARL ST	7	41	17%	$70,000
29	COURT ST & GARFIELD AVE	2	19	11%	$70,000
30	COURT ST & OAKHILL AVE	2	12	17%	$70,000
31	RUGER AVE & WRIGHT RD	2	13	15%	$70,000
32	GRANT AVE & SCHALLER ST	2	6	**33%**	$70,000
33	MILWAUKEE ST & MT ZION AVE & WRIGHT RD	6	37	16%	$60,000
34	GARFIELD AVE & MILWAUKEE ST & CENTERWAY ST	6	35	17%	$60,000
35	HARDING ST & MEMORIAL DR	6	21	29%	$60,000
36	PONTIAC DR & RANDOLPH RD	1	11	9%	$60,000
37	COURT ST & WISCONSIN ST	1	9	11%	$60,000
38	COURT ST & JACKSON ST	5	19	26%	$50,000
39	BELOIT AVE & DELAVAN DR	5	18	28%	$50,000
40	BLACK BRIDGE RD & RANDALL AVE	5	17	29%	$50,000
41	HOLIDAY DR & PONTIAC DR	4	18	22%	$40,000
42	MINERAL POINT AVE & OAKHILL AVE	4	12	**33%**	$40,000
43	HOLIDAY DR & MILTON AVE FRONTAGE RD 4	4	15	27%	$40,000
44	FOREST PARK BLVD & RUGER AVE	4	9	**44%**	$40,000
45	JACKSON ST & MILWAUKEE ST	3	17	18%	$30,000
46	RANDOLPH RD & WRIGHT RD	3	17	18%	$30,000
47	MEMORIAL DR & RANDALL AVE	3	14	21%	$30,000
48	MILWAUKEE ST & RIVER ST	3	13	23%	$30,000
49	KELLOGG AVE & OAKHILL AVE	3	12	25%	$30,000
50	LEXINGTON DR & MILWAUKEE ST	2	22	9%	$20,000
51	MILWAUKEE ST & MORNINGSIDE DR	2	16	13%	$20,000
52	LEXINGTON DR & MOUNT ZION AVE	2	14	14%	$20,000
53	PALMER DR & WRIGHT RD	2	10	20%	$20,000
54	HOLIDAY DR & LEXINGTON DR	2	12	17%	$20,000
55	ACADEMY ST & MILWAUKEE ST	2	12	17%	$20,000
56	HIGHLAND AVE & OAKHILL AVE	1	16	6%	$10,000
57	LEXINGTON DR & LIBERTY LN	1	18	6%	$10,000
58	LEXINGTON DR & RUGER AVE	1	9	11%	$10,000
59	COURT ST & PINE ST	0	7	0%	$0
60	ACADEMY ST & COURT ST	0	10	0%	$0
Totals		**252**	**1,146**	**22%**	**$4,820,000**

Notes:

[1] *Crashes ranked by economic loss of night-time crashes. Night-time includes night, or during low-light (dawn/dusk) conditions.*

Orange percentages are percentages 1-standard deviation above the average and red are 2-standard deviations above average.

Orange economic losses are >150k, and red are >200k.

Most crashes within 300 feet of intersection, per the accident report form.

APPENDIX F
Slippery Conditions Crash Ranking
CITY OF JANESVILLE (2013 - 2017)

RANK[1]	INTERSECTION	SLIPPERY CONDITIONS CRASHES	TOTAL NUMBER OF CRASHES	PERCENT SLIPPERY CONDITIONS	ECONOMIC LOSS (SLIPPERY CONDITIONS)
1	COURT ST & CROSBY AVE	17	69	25%	**$220,000**
2	MOUNT ZION AVE & PONTIAC DR	12	28	43%	$170,000
3	BELOIT AVE & DELAVAN DR	11	18	61%	$160,000
4	MILWAUKEE ST & PARKER DR	11	31	35%	$160,000
5	COURT ST & PEARL ST	10	41	24%	$150,000
6	PALMER DR & RACINE ST	8	22	36%	$130,000
7	MAIN ST & RACINE ST	8	24	33%	$130,000
8	MOUNT ZION AVE & MORNINGSIDE DR	3	12	25%	$130,000
9	CROSBY AVE & MINERAL POINT AVE	7	12	58%	$120,000
10	AFTON RD & ROCKPORT RD	7	13	54%	$120,000
11	CROSBY AVE & ROCKPORT RD	7	14	50%	$120,000
12	HARMONY DR & MILWAUKEE ST	7	31	23%	$120,000
13	GARFIELD AVE & MILWAUKEE ST & CENTERWAY ST	11	35	31%	$110,000
14	COURT ST & MAIN ST	11	40	28%	$110,000
15	HARDING ST & MEMORIAL DR	10	21	48%	$100,000
16	RUGER AVE & WRIGHT RD	5	13	38%	$100,000
17	JACKSON ST & MILWAUKEE ST	5	17	29%	$100,000
18	MILWAUKEE ST & MT ZION AVE & WRIGHT RD	10	37	27%	$100,000
19	MILWAUKEE ST & RANDALL AVE	5	35	14%	$100,000
20	MILWAUKEE ST & RIVER ST	4	13	31%	$90,000
21	LEXINGTON DR & MOUNT ZION AVE	4	14	29%	$90,000
22	HOLIDAY DR & MILTON AVE FRONTAGE RD 4	4	15	27%	$90,000
23	HIGHLAND AVE & OAKHILL AVE	4	16	25%	$90,000
24	COURT ST & GARFIELD AVE	4	19	21%	$90,000
25	COURT ST & WISCONSIN ST	3	9	33%	$80,000
26	MEMORIAL DR & PARKER DR	8	26	31%	$80,000
27	PALMER DR & WRIGHT RD	3	10	30%	$80,000
28	ARBOR DR & RACINE ST	3	11	27%	$80,000
29	RACINE ST & RANDALL AVE	8	32	25%	$80,000
30	COURT ST & OAKHILL AVE	3	12	25%	$80,000
31	OAKLAND AVE & RANDALL AVE	3	14	21%	$80,000
32	DEERFIELD DR & MILTON AVE FRONTAGE RD 9	3	14	21%	$80,000
33	MEMORIAL DR & WASHINGTON ST	8	43	19%	$80,000
34	RANDOLPH RD & WRIGHT RD	3	17	18%	$80,000
35	MILWAUKEE ST & MAIN ST	3	29	10%	$80,000
36	HARMONY DR & RUGER AVE	2	13	15%	$70,000
37	LEXINGTON DR & MILWAUKEE ST	6	22	27%	$60,000
38	BLACK BRIDGE RD & RANDALL AVE	5	17	29%	$50,000
39	MILWAUKEE ST & MORNINGSIDE DR	4	16	25%	$40,000
40	LEXINGTON DR & LIBERTY LN	4	18	22%	$40,000
41	MILWAUKEE ST & PONTIAC DR	4	27	15%	$40,000
42	RACINE ST & RIVER ST	3	12	25%	$30,000
43	MEMORIAL DR & RANDALL AVE	3	14	21%	$30,000
44	HOLIDAY DR & PONTIAC DR	3	18	17%	$30,000
45	ARCH ST & COURT ST	3	23	13%	$30,000
46	FOREST PARK BLVD & RUGER AVE	2	9	22%	$20,000
47	MINERAL POINT AVE & OAKHILL AVE	2	12	17%	$20,000
48	KELLOGG AVE & OAKHILL AVE	2	12	17%	$20,000
49	ACADEMY ST & MILWAUKEE ST	2	12	17%	$20,000
50	MOUNT ZION AVE & RANDALL AVE	2	13	15%	$20,000
51	COURT ST & JACKSON ST	2	19	11%	$20,000
52	GRANT AVE & SCHALLER ST	1	6	17%	$10,000
53	HARMONY TOWN HALL & HUMES RD	1	6	17%	$10,000
54	COURT ST & PINE ST	1	7	14%	$10,000
55	JACKSON ST & MCKINLEY ST	1	8	13%	$10,000
56	PONTIAC DR & RANDOLPH RD	1	11	9%	$10,000
57	HOLIDAY DR & LEXINGTON DR	1	12	8%	$10,000
58	JACKSON ST & RACINE ST	0	13	0%	$0
59	ACADEMY ST & COURT ST	0	10	0%	$0
60	LEXINGTON DR & RUGER AVE	0	9	0%	$0
Totals		**288**	**1,146**	**25%**	**$4,380,000**

Notes:

[1] *Crashes ranked by economic loss of slippery pavement conditions crashes. Slippery conditions includes wet, snowy, or icy.*

*Orange percentages are percentages 1-standard deviation above the average and **red are 2-standard deviations** above average.*

*Orange economic losses are >150k , and **red are >200k** .*

Most crashes within 300 feet of intersection, per the accident report form.

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APPENDIX G
Pedestrian & Bicycle Crashes
CITY OF JANESVILLE (2013 - 2017)

RANK[1]	INTERSECTION	ECONOMIC LOSS (ALL CRASHES)	PEDESTRIAN CRASHES	ECONOMIC LOSS (PED CRASHES)	BICYCLE CRASHES	ECONOMIC LOSS (BIKE CRASHES)
1	COURT ST & CROSBY AVE	$1,040,000	3	$180,000	1	$10,000
2	COURT ST & MAIN ST	$750,000			1	$60,000
3	COURT ST & PEARL ST	$660,000			3	$80,000
4	MEMORIAL DR & WASHINGTON ST	$580,000				
5	RACINE ST & RANDALL AVE	$570,000	2	$70,000		
6	MILWAUKEE ST & PONTIAC DR	$570,000				
7	MILWAUKEE ST & MAIN ST	$490,000	2	$120,000	1	$10,000
8	MILWAUKEE ST & RANDALL AVE	$500,000				
9	MOUNT ZION AVE & PONTIAC DR	$480,000	1	$60,000		
10	ARCH ST & COURT ST	$480,000	1	$60,000	1	$10,000
11	MILWAUKEE ST & MT ZION AVE & WRIGHT RD	$470,000				
12	MILWAUKEE ST & PARKER DR	$460,000				
13	HARMONY DR & MILWAUKEE ST	$460,000			1	$60,000
14	GARFIELD AVE & MILWAUKEE ST & CENTERWAY ST	$450,000				
15	MAIN ST & RACINE ST	$390,000	1	$60,000		
16	COURT ST & JACKSON ST	$390,000				
17	COURT ST & GARFIELD AVE	$390,000				
18	PALMER DR & RACINE ST	$370,000				
19	MEMORIAL DR & PARKER DR	$360,000				
20	OAKLAND AVE & RANDALL AVE	$340,000	2	$120,000		
21	LEXINGTON DR & MILWAUKEE ST	$320,000			1	$60,000
22	MOUNT ZION AVE & MORNINGSIDE DR	$320,000			1	$60,000
23	COURT ST & OAKHILL AVE	$320,000			1	$60,000
24	HIGHLAND AVE & OAKHILL AVE	$310,000			1	$60,000
25	DEERFIELD DR & MILTON AVE FRONTAGE RD 9	$290,000				
26	LEXINGTON DR & LIBERTY LN	$280,000				
27	HOLIDAY DR & PONTIAC DR	$280,000	1	$10,000		
28	JACKSON ST & RACINE ST	$280,000			2	$120,000
29	MOUNT ZION AVE & RANDALL AVE	$280,000			1	$60,000
30	JACKSON ST & MILWAUKEE ST	$270,000	1	$10,000		
31	MINERAL POINT AVE & OAKHILL AVE	$270,000			3	$180,000
32	HARDING ST & MEMORIAL DR	$260,000				
33	MILWAUKEE ST & MORNINGSIDE DR	$260,000				
34	PONTIAC DR & RANDOLPH RD	$260,000				
35	ARBOR DR & RACINE ST	$260,000				
36	HOLIDAY DR & MILTON AVE FRONTAGE RD 4	$250,000				
37	LEXINGTON DR & MOUNT ZION AVE	$240,000				
38	BELOIT AVE & DELAVAN DR	$230,000				
39	AFTON RD & ROCKPORT RD	$230,000				
40	RUGER AVE & WRIGHT RD	$230,000			1	$60,000
41	HARMONY DR & RUGER AVE	$230,000				
42	JACKSON ST & MCKINLEY ST	$230,000	1	$60,000		
43	BLACK BRIDGE RD & RANDALL AVE	$220,000				
44	RANDOLPH RD & WRIGHT RD	$220,000				
45	CROSBY AVE & MINERAL POINT AVE	$220,000	1	$60,000	1	$10,000
46	COURT ST & PINE ST	$220,000				
47	GRANT AVE & SCHALLER ST	$210,000				
48	ACADEMY ST & COURT ST	$200,000			1	$60,000
49	PALMER DR & WRIGHT RD	$200,000				
50	MEMORIAL DR & RANDALL AVE	$190,000				
51	CROSBY AVE & ROCKPORT RD	$190,000			1	$10,000
52	FOREST PARK BLVD & RUGER AVE	$190,000	1	$60,000		
53	COURT ST & WISCONSIN ST	$190,000	1	$60,000		
54	LEXINGTON DR & RUGER AVE	$190,000	1	$60,000		
55	MILWAUKEE ST & RIVER ST	$180,000			1	$10,000
56	ACADEMY ST & MILWAUKEE ST	$170,000				
57	KELLOGG AVE & OAKHILL AVE	$170,000				
58	RACINE ST & RIVER ST	$170,000	1	$10,000		
59	HOLIDAY DR & LEXINGTON DR	$170,000				
60	FREMONT ST & MILWAUKEE ST	$160,000	1	$10,000		
Totals		**$19,560,000**	**21**	**$1,010,000**	**23**	**$980,000**

Notes:

[1] Ranked by total economic loss. Economic Loss calculated by using $60k per KAB crash

(i.e., Fatal K-Level, Incapacitating Injury A-Level, or Non-Incapacitating Injury B-Level)

and $10k per Non-KAB crash (i.e., Possible Injury C-Level, or Property Damage Only PD-Level).

Most crashes within 300 feet of intersection, per the accident report form.

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APPENDIX H
Top Crash Patterns
CITY OF JANESVILLE (2013 - 2017)

RANK[1]	CRASH PATTERN	INTERSECTION	NUMBER OF CRASHES	ECONOMIC LOSS
1	EB SB Angle	COURT ST & MAIN ST	11	$260,000
2	EB SB Angle	COURT ST & JACKSON ST	10	$250,000
3	WB NB Angle	MILWAUKEE ST & PARKER DR	12	$220,000
4	EB NB Angle	COURT ST & MAIN ST	8	$180,000
5	EB Rear-End	ARCH ST & COURT ST	7	$170,000
6	WB Rear-End	MOUNT ZION AVE & PONTIAC DR	6	$160,000
7	WB Sideswipe-Same	JACKSON ST & MILWAUKEE ST	6	$160,000
8	WB NB Angle	COURT ST & PEARL ST	5	$150,000
9	WB Rear-End	COURT ST & CROSBY AVE	9	$140,000
10	EB SB Angle	RACINE ST & RANDALL AVE	4	$140,000
11	EB Rear-End	MILWAUKEE ST & PONTIAC DR	4	$140,000
12	EB SB Angle	COURT ST & GARFIELD AVE	7	$120,000
13	SB Rear-End	John Paul Rd & Milton Ave	7	$120,000
14	EB SB Angle	HIGHLAND AVE & OAKHILL AVE	2	$120,000
15	EB SB Bicycle	MINERAL POINT AVE & OAKHILL AVE	2	$120,000
16	EB Pole/Post	COURT ST & PINE ST	2	$120,000
17	SB Rear-End	MEMORIAL DR & WASHINGTON ST	11	$110,000
18	EB NB Angle	COURT ST & GARFIELD AVE	6	$110,000
19	WB SB Angle	RUGER AVE & WRIGHT RD	6	$110,000
20	NB Rear-End	MEMORIAL DR & WASHINGTON ST	6	$110,000
21	WB SB Angle	GARFIELD AVE & MILWAUKEE ST & CENTERWAY ST	10	$100,000
22	EB SB Angle	PALMER DR & WRIGHT RD	5	$100,000
23	WB NB Angle	MILWAUKEE ST & RIVER ST	5	$100,000
24	WB NB Angle	HOLIDAY DR & MILTON AVE FRONTAGE RD 4	5	$100,000
25	EB Rear-End	MILWAUKEE ST & MORNINGSIDE DR	5	$100,000
26	EB Rear-End	MILWAUKEE ST & RANDALL AVE	5	$100,000
27	EB Rear-End	COURT ST & CROSBY AVE	5	$100,000
28	EB NB Angle	PONTIAC DR & RANDOLPH RD	5	$100,000
29	WB SB Angle	MILWAUKEE ST & MT ZION AVE & WRIGHT RD	5	$100,000
30	WB NB Angle	GARFIELD AVE & MILWAUKEE ST & CENTERWAY ST	9	$90,000
31	EB SB Angle	HARMONY DR & MILWAUKEE ST	4	$90,000
32	EB Rear-End	RACINE ST & RANDALL AVE	4	$90,000
33	EB NB Angle	COURT ST & CROSBY AVE	4	$90,000
34	EB NB Angle	HARDING ST & MEMORIAL DR	4	$90,000
35	EB Rear-End	HARMONY DR & MILWAUKEE ST	8	$80,000
36	WB SB Angle	HIGHLAND AVE & OAKHILL AVE	8	$80,000
37	EB Sideswipe-Same	COURT ST & MAIN ST	8	$80,000
38	EB SB Angle	ARCH ST & COURT ST	3	$80,000
39	EB SB Angle	LEXINGTON DR & MOUNT ZION AVE	3	$80,000
40	EB SB Angle	MEMORIAL DR & WASHINGTON ST	3	$80,000
41	EB SB Angle	Rockport Rd & Center Ave	3	$80,000
42	EB SB Angle	RACINE ST & RIVER ST	3	$80,000
43	EB SB Angle	LEXINGTON DR & MILWAUKEE ST	3	$80,000
44	EB SB Angle	MAIN ST & RACINE ST	3	$80,000
45	WB NB Angle	HARMONY DR & MILWAUKEE ST	3	$80,000
46	WB NB Angle	MILWAUKEE ST & MORNINGSIDE DR	3	$80,000
47	WB NB Angle	KELLOGG AVE & OAKHILL AVE	3	$80,000
48	EB Rear-End	COURT ST & MAIN ST	3	$80,000
49	EB NB Angle	LEXINGTON DR & MOUNT ZION AVE	3	$80,000
50	WB SB Angle	MILWAUKEE ST & PARKER DR	3	$80,000
51	WB SB Angle	ARCH ST & COURT ST	3	$80,000
52	WB Rear-End	MILWAUKEE ST & PONTIAC DR	3	$80,000
53	SB Rear-End	MILWAUKEE ST & PONTIAC DR	3	$80,000
54	NB Sideswipe-Same	LEXINGTON DR & LIBERTY LN	3	$80,000
55	WB NB Angle	COURT ST & CROSBY AVE	7	$70,000
56	NB Rear-End	RANDOLPH RD & WRIGHT RD	7	$70,000
57	WB Sideswipe-Same	MILWAUKEE ST & MAIN ST	7	$70,000
58	EB SB Angle	OAKLAND AVE & RANDALL AVE	2	$70,000
59	WB NB Angle	HARMONY DR & RUGER AVE	2	$70,000
60	WB NB Angle	MOUNT ZION AVE & PONTIAC DR	2	$70,000
Totals			**308**	**$6,380,000**

Notes:

[1] *Crash patterns ranked by economic loss. Economic Loss calculated by using $60k per KAB crash*

(i.e., Fatal K-Level, Incapacitating Injury A-Level, or Non-Incapacitating Injury B-Level)

and $10k per Non-KAB crash (i.e., Possible Injury C-Level, or Property Damage Only PD-Level).

Most crashes within 300 feet of intersection, per the accident report form.

APPENDIX I

Intersection Crash Pattern Summaries

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: COURT ST & CROSBY AVE

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	19,000
Coordinates:	42.679223, -89.051659
Crash Frequency:	69
Crash Rate:	1.99
Economic Loss:	$1,040,000

Economic Loss Ranking: 1

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB Rear-End			1	3	5	9	$140,000
EB Rear-End			1		4	5	$100,000
EB NB Angle			1		3	4	$90,000
WB NB Angle					7	7	$70,000
SB Pedestrian			1			1	$60,000
SB Sideswipe-Opposite		1				1	$60,000
WB Pedestrian		1				1	$60,000
NB Pedestrian			1			1	$60,000
NB Rear-End				3	3	6	$60,000
SB Rear-End				1	4	5	$50,000
EB Sideswipe-Same					4	4	$40,000
SB Left-Turn Angle					3	3	$30,000
EB SB Angle					3	3	$30,000
WB Sideswipe-Same				1	1	2	$20,000
EB Angle					2	2	$20,000
WB Angle					2	2	$20,000
NB Sideswipe-Same					1	1	$10,000
EB Other/Unknown					1	1	$10,000
Left-Turn Angle					1	1	$10,000
NB Left-Turn Angle				1		1	$10,000
WB SB Angle					1	1	$10,000
SB Angle					1	1	$10,000
WB Traffic Signal					1	1	$10,000
NB Sideswipe-Opposite					1	1	$10,000
SB Tree					1	1	$10,000
EB Pole/Post					1	1	$10,000
EB Left-Turn Angle					1	1	$10,000
NB Bridge Infrastructure					1	1	$10,000
WB NB Bicycle					1	1	$10,000
TOTALS	**0**	**2**	**5**	**9**	**53**	**69**	**$1,040,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: COURT ST & MAIN ST

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	12,250
Coordinates:	42.681913, -89.021384
Crash Frequency:	40
Crash Rate:	1.79
Economic Loss:	$750,000

Economic Loss Ranking: 2

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB SB Angle		1	2	4	4	11	$260,000
EB NB Angle		1	1	1	5	8	$180,000
EB Rear-End		1			2	3	$80,000
EB Sideswipe-Same					8	8	$80,000
EB SB Bicycle		1				1	$60,000
NB Rear-End				1	2	3	$30,000
SB Parked Vehicle					2	2	$20,000
WB NB Angle					1	1	$10,000
WB Ditch/Embankment					1	1	$10,000
EB Angle					1	1	$10,000
SB Sideswipe-Same					1	1	$10,000
TOTALS	**0**	**4**	**3**	**6**	**27**	**40**	**$750,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: COURT ST & PEARL ST

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	14,450
Coordinates:	42.679425, -89.035746
Crash Frequency:	41
Crash Rate:	1.55
Economic Loss:	$660,000

Economic Loss Ranking: 3

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB NB Angle			2	2	1	5	$150,000
EB SB Bicycle			1	1		2	$70,000
WB Rear-End				2	4	6	$60,000
EB Head-On			1			1	$60,000
WB Angle			1			1	$60,000
EB SB Angle				2	3	5	$50,000
EB Rear-End				1	2	3	$30,000
SB Rear-End				2	1	3	$30,000
NB Rear-End					2	2	$20,000
EB NB Angle					2	2	$20,000
Left-Turn Angle				1	1	2	$20,000
EB Sideswipe-Opposite				1	1	2	$20,000
Parked Vehicle					1	1	$10,000
NB Left-Turn Angle					1	1	$10,000
WB Left-Turn Angle					1	1	$10,000
WB SB Angle					1	1	$10,000
SB Sideswipe-Opposite				1		1	$10,000
WB Traffic Signal					1	1	$10,000
WB NB Bicycle				1		1	$10,000
TOTALS	**0**	**0**	**5**	**14**	**22**	**41**	**$660,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: MEMORIAL DR & WASHINGTON ST

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	18,950
Coordinates:	42.693911, -89.03707
Crash Frequency:	43
Crash Rate:	1.24
Economic Loss:	$580,000

Economic Loss Ranking: 4

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
SB Rear-End				1	10	11	$110,000
NB Rear-End			1		5	6	$110,000
EB SB Angle			1		2	3	$80,000
WB SB Angle			1		1	2	$70,000
WB Rear-End				1	5	6	$60,000
EB Rear-End				1	2	3	$30,000
WB Sideswipe-Same					2	2	$20,000
EB NB Angle				1	1	2	$20,000
EB Pole/Post					1	1	$10,000
Rear-End					1	1	$10,000
NB Left-Turn Angle					1	1	$10,000
WB NB Angle					1	1	$10,000
Left-Turn Angle					1	1	$10,000
EB Traffic Signal					1	1	$10,000
EB Other/Unknown					1	1	$10,000
NB Sideswipe-Opposite				1		1	$10,000
TOTALS	**0**	**0**	**3**	**5**	**35**	**43**	**$580,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: RACINE ST & RANDALL AVE

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	12,950
Coordinates:	42.678888, -89.002838
Crash Frequency:	32
Crash Rate:	1.35
Economic Loss:	$570,000

Economic Loss Ranking: 5

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB SB Angle			2	1	1	4	$140,000
EB Rear-End			1		3	4	$90,000
WB Other/Unknown		1				1	$60,000
EB Pedestrian			1			1	$60,000
WB Rear-End					3	3	$30,000
WB Traffic Signal					3	3	$30,000
SB Sideswipe-Same					2	2	$20,000
WB Left-Turn Angle				1	1	2	$20,000
WB SB Angle					1	1	$10,000
EB Traffic Signal					1	1	$10,000
Sideswipe-Opposite					1	1	$10,000
SB Left-Turn Angle					1	1	$10,000
NB Parked Vehicle					1	1	$10,000
SB Pedestrian				1		1	$10,000
NB Rear-End					1	1	$10,000
EB Sideswipe-Same					1	1	$10,000
WB NB Angle					1	1	$10,000
NB Traffic Signal					1	1	$10,000
EB NB Angle					1	1	$10,000
SB Head-On					1	1	$10,000
TOTALS	**0**	**1**	**4**	**3**	**24**	**32**	**$570,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: MILWAUKEE ST & PONTIAC DR

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	16,850
Coordinates:	42.695563, -88.987876
Crash Frequency:	27
Crash Rate:	0.88
Economic Loss:	$570,000

Economic Loss Ranking: 6

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB Rear-End			2		2	4	$140,000
SB Rear-End			1	1	1	3	$80,000
WB Rear-End		1		2		3	$80,000
WB SB Angle			1		1	2	$70,000
EB Angle		1				1	$60,000
NB Rear-End				2		2	$20,000
WB Sideswipe-Same					2	2	$20,000
NB Sideswipe-Same				1	1	2	$20,000
WB NB Angle					2	2	$20,000
Left-Turn Angle					1	1	$10,000
EB Left-Turn Angle					1	1	$10,000
NB Left-Turn Angle					1	1	$10,000
WB Sideswipe-Opposite					1	1	$10,000
EB Sideswipe-Same					1	1	$10,000
EB NB Angle					1	1	$10,000
TOTALS	**0**	**2**	**4**	**6**	**15**	**27**	**$570,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: MILWAUKEE ST & RANDALL AVE

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	15,500
Coordinates:	42.690864, -89.002996
Crash Frequency:	35
Crash Rate:	1.24
Economic Loss:	$500,000

Economic Loss Ranking: 7

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB Rear-End			1		4	5	$100,000
NB Rear-End			1		1	2	$70,000
Parked Vehicle			1			1	$60,000
NB Traffic Signal					6	6	$60,000
WB Rear-End					5	5	$50,000
WB NB Angle				3		3	$30,000
NB Sideswipe-Same					2	2	$20,000
EB SB Angle				1	1	2	$20,000
B Rear-End				1		1	$10,000
EB NB Angle					1	1	$10,000
WB Angle					1	1	$10,000
WB SB Angle					1	1	$10,000
EB Head-On				1		1	$10,000
SB Sideswipe-Same					1	1	$10,000
SB Traffic Signal					1	1	$10,000
SB Sideswipe-Opposite					1	1	$10,000
SB Parked Vehicle					1	1	$10,000
TOTALS	**0**	**0**	**3**	**6**	**26**	**35**	**$500,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: MILWAUKEE ST & MAIN ST

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	10,500
Coordinates:	42.682979, -89.022586
Crash Frequency:	29
Crash Rate:	1.51
Economic Loss:	$490,000

Economic Loss Ranking: 8

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB Sideswipe-Same					7	7	$70,000
WB Pedestrian			1			1	$60,000
Left-Turn Angle			1			1	$60,000
SB Pedestrian			1			1	$60,000
WB Other/Unknown			1			1	$60,000
WB SB Angle				2	3	5	$50,000
WB NB Angle					4	4	$40,000
SB Rear-End					3	3	$30,000
SB Sideswipe-Same					2	2	$20,000
WB Traffic Signal					1	1	$10,000
SB Parked Vehicle					1	1	$10,000
EB Angle					1	1	$10,000
WB SB Bicycle				1		1	$10,000
TOTALS	**0**	**0**	**4**	**3**	**22**	**29**	**$490,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: MOUNT ZION AVE & PONTIAC DR

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	14,850
Coordinates:	42.700444, -88.988901
Crash Frequency:	28
Crash Rate:	1.03
Economic Loss:	$480,000

Economic Loss Ranking: 9

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB Rear-End			2	1	3	6	$160,000
WB NB Angle			1		1	2	$70,000
Pedestrian		1				1	$60,000
EB Rear-End				1	2	3	$30,000
WB Parked Vehicle					2	2	$20,000
EB Sideswipe-Same					1	1	$10,000
SB Rear-End					1	1	$10,000
EB NB Angle				1		1	$10,000
EB Other/Unknown				1		1	$10,000
SB Sideswipe-Same					1	1	$10,000
WB SB Angle				1		1	$10,000
EB Traffic Signal					1	1	$10,000
EB SB Angle				1		1	$10,000
NB Ditch/Embankment					1	1	$10,000
Parked Vehicle					1	1	$10,000
NB Rear-End					1	1	$10,000
SB Left-Turn Angle					1	1	$10,000
NB Sideswipe-Opposite					1	1	$10,000
NB Traffic Signal					1	1	$10,000
TOTALS	**0**	**1**	**3**	**6**	**18**	**28**	**$480,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: ARCH ST & COURT ST

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	13,650
Coordinates:	42.679305, -89.045026
Crash Frequency:	23
Crash Rate:	0.92
Economic Loss:	$480,000

Economic Loss Ranking: 10

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB Rear-End			2	3	2	7	$170,000
WB SB Angle			1	1	1	3	$80,000
EB SB Angle		1		1	1	3	$80,000
NB Pedestrian			1			1	$60,000
WB Rear-End				1	3	4	$40,000
WB Sideswipe-Same					1	1	$10,000
WB NB Angle				1		1	$10,000
EB Left-Turn Angle					1	1	$10,000
EB SB Bicycle				1		1	$10,000
EB Sideswipe-Same					1	1	$10,000
TOTALS	**0**	**1**	**4**	**8**	**10**	**23**	**$480,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: MILWAUKEE ST & WRIGHT RD

Traffic Control:	Traffic Signal
Number of Legs:	5
Entering ADT:	21,700
Coordinates:	42.700026, -88.973544
Crash Frequency:	37
Crash Rate:	0.93
Economic Loss:	$470,000

Economic Loss Ranking: 11

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB SB Angle			1	1	3	5	$100,000
EB Rear-End			1		1	2	$70,000
EB NB Angle				2	1	3	$30,000
SB Sideswipe-Same					3	3	$30,000
WB Rear-End				2	1	3	$30,000
EB SB Angle				1	2	3	$30,000
SB Rear-End				2	1	3	$30,000
NB Rear-End					2	2	$20,000
EB Left-Turn Angle				1	1	2	$20,000
WB Traffic Signal				1		1	$10,000
NB Other/Unknown					1	1	$10,000
EB Sideswipe-Opposite					1	1	$10,000
EB Sideswipe-Same					1	1	$10,000
SB Pole/Post					1	1	$10,000
WB NB Angle					1	1	$10,000
WB Left-Turn Angle				1		1	$10,000
NB Left-Turn Angle					1	1	$10,000
SB Angle					1	1	$10,000
WB Parked Vehicle					1	1	$10,000
WB Pole/Post					1	1	$10,000
TOTALS	**0**	**0**	**2**	**11**	**24**	**37**	**$470,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: MILWAUKEE ST & PARKER DR

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	12,900
Coordinates:	42.683469, -89.021533
Crash Frequency:	31
Crash Rate:	1.32
Economic Loss:	$460,000

Economic Loss Ranking: 12

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB NB Angle			2	3	7	12	$220,000
WB SB Angle			1	1	1	3	$80,000
WB Rear-End					5	5	$50,000
Rear-End					1	1	$10,000
WB Other/Unknown					1	1	$10,000
NB Rear-End					1	1	$10,000
WB Pole/Post					1	1	$10,000
NB Sideswipe-Opposite					1	1	$10,000
EB SB Angle					1	1	$10,000
SB Other/Unknown					1	1	$10,000
Parked Vehicle					1	1	$10,000
SB Parked Vehicle					1	1	$10,000
B Rear-End					1	1	$10,000
SB Rear-End					1	1	$10,000
TOTALS	**0**	**0**	**3**	**4**	**24**	**31**	**$460,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: HARMONY DR & MILWAUKEE ST

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	14,150
Coordinates:	42.692701, -88.997039
Crash Frequency:	31
Crash Rate:	1.20
Economic Loss:	$460,000

Economic Loss Ranking: 13

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB SB Angle			1	2	1	4	$90,000
WB NB Angle			1	1	1	3	$80,000
EB Rear-End				1	7	8	$80,000
EB SB Bicycle			1			1	$60,000
WB Rear-End				1	2	3	$30,000
WB Sideswipe-Same					3	3	$30,000
WB SB Angle				1	1	2	$20,000
WB Left-Turn Angle					2	2	$20,000
EB NB Angle				1	1	2	$20,000
NB Sideswipe-Same					1	1	$10,000
EB Traffic Signal					1	1	$10,000
NB Rear-End					1	1	$10,000
TOTALS	**0**	**0**	**3**	**7**	**21**	**31**	**$460,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: GARFIELD AVE & MILWAUKEE ST

Traffic Control:	Other Stop
Number of Legs:	5
Entering ADT:	10,100
Coordinates:	42.688082, -89.012189
Crash Frequency:	35
Crash Rate:	1.90
Economic Loss:	$450,000

Economic Loss Ranking: 14

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB SB Angle				1	9	10	$100,000
WB NB Angle				1	8	9	$90,000
NB Rear-End			1			1	$60,000
EB NB Angle			1			1	$60,000
WB Sideswipe-Same					2	2	$20,000
WB Rear-End					2	2	$20,000
SB Rear-End					2	2	$20,000
EB SB Angle					1	1	$10,000
EB Left-Turn Angle					1	1	$10,000
WB Sideswipe-Opposite					1	1	$10,000
EB Sideswipe-Opposite				1		1	$10,000
Left-Turn Angle				1		1	$10,000
EB Rear-End					1	1	$10,000
NB Traffic Signal					1	1	$10,000
WB Head-On					1	1	$10,000
TOTALS	**0**	**0**	**2**	**4**	**29**	**35**	**$450,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: MAIN ST & RACINE ST

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	12,950
Coordinates:	42.677268, -89.016205
Crash Frequency:	24
Crash Rate:	1.02
Economic Loss:	$390,000

Economic Loss Ranking: 15

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB SB Angle			1		2	3	$80,000
NB Pedestrian			1			1	$60,000
SB Tree		1				1	$60,000
WB SB Angle				1	3	4	$40,000
WB Rear-End				2	2	4	$40,000
SB Sideswipe-Same					3	3	$30,000
EB Rear-End					2	2	$20,000
Left-Turn Angle					1	1	$10,000
SB Left-Turn Angle					1	1	$10,000
EB Left-Turn Angle					1	1	$10,000
SB Rear-End				1		1	$10,000
EB Sideswipe-Same					1	1	$10,000
WB NB Angle					1	1	$10,000
TOTALS	**0**	**1**	**2**	**4**	**17**	**24**	**$390,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: COURT ST & JACKSON ST

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	8,600
Coordinates:	42.679748, -89.025774
Crash Frequency:	19
Crash Rate:	1.21
Economic Loss:	$390,000

Economic Loss Ranking: 16

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB SB Angle		1	2	4	3	10	$250,000
EB NB Angle			1			1	$60,000
EB Sideswipe-Same					2	2	$20,000
EB Rear-End				1	1	2	$20,000
WB Rear-End					1	1	$10,000
NB Sideswipe-Opposite					1	1	$10,000
EB Pole/Post				1		1	$10,000
EB Other/Unknown					1	1	$10,000
TOTALS	**0**	**1**	**3**	**6**	**9**	**19**	**$390,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: COURT ST & GARFIELD AVE

Traffic Control:	Side-Stop
Number of Legs:	5
Entering ADT:	13,550
Coordinates:	42.686362, -89.012365
Crash Frequency:	19
Crash Rate:	0.77
Economic Loss:	$390,000

Economic Loss Ranking: 17

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB SB Angle			1	3	3	7	$120,000
EB NB Angle			1	1	4	6	$110,000
NB Parked Vehicle			1			1	$60,000
NB Sideswipe-Same			1			1	$60,000
NB Rear-End					1	1	$10,000
EB Sideswipe-Same					1	1	$10,000
EB Angle					1	1	$10,000
EB Sideswipe-Opposite					1	1	$10,000
TOTALS	**0**	**0**	**4**	**4**	**11**	**19**	**$390,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: PALMER DR & RACINE ST

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	13,600
Coordinates:	42.675121, -88.993015
Crash Frequency:	22
Crash Rate:	0.89
Economic Loss:	$370,000

Economic Loss Ranking: 18

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB Left-Turn Angle			1	1		2	$70,000
WB Overturn		1				1	$60,000
NB Head-On			1			1	$60,000
WB NB Angle				1	2	3	$30,000
WB Rear-End					2	2	$20,000
EB Rear-End					1	1	$10,000
SB Sideswipe-Same					1	1	$10,000
SB Sideswipe-Opposite					1	1	$10,000
EB SB Angle				1		1	$10,000
EB Sideswipe-Opposite					1	1	$10,000
EB Other/Unknown					1	1	$10,000
WB Pole/Post					1	1	$10,000
WB SB Angle					1	1	$10,000
EB Ditch/Embankment					1	1	$10,000
WB Left-Turn Angle					1	1	$10,000
SB Other/Unknown					1	1	$10,000
EB Angle					1	1	$10,000
SB Pole/Post					1	1	$10,000
TOTALS	**0**	**1**	**2**	**3**	**16**	**22**	**$370,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: MEMORIAL DR & PARKER DR

Traffic Control:	Interchange
Number of Legs:	4
Entering ADT:	25,850
Coordinates:	42.69388, -89.029356
Crash Frequency:	26
Crash Rate:	0.55
Economic Loss:	$360,000

Economic Loss Ranking: 19

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB Median Barrier			1	1		2	$70,000
EB Rear-End			1		1	2	$70,000
WB Rear-End				2	3	5	$50,000
EB NB Angle				1	2	3	$30,000
WB Bridge Infrastructure					3	3	$30,000
NB Rear-End					3	3	$30,000
WB Sideswipe-Same					2	2	$20,000
WB SB Angle					1	1	$10,000
EB Sideswipe-Same					1	1	$10,000
SB Rear-End					1	1	$10,000
EB Bridge Infrastructure					1	1	$10,000
EB SB Angle				1		1	$10,000
NB Sideswipe-Same					1	1	$10,000
TOTALS	**0**	**0**	**2**	**5**	**19**	**26**	**$360,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: OAKLAND AVE & RANDALL AVE

Traffic Control:	Side-Stop
Number of Legs:	4
Entering ADT:	8,500
Coordinates:	42.681565, -89.002868
Crash Frequency:	14
Crash Rate:	0.90
Economic Loss:	$340,000

Economic Loss Ranking: 20

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB SB Angle			1		1	2	$70,000
NB Parked Vehicle			1		1	2	$70,000
SB Pedestrian			1			1	$60,000
NB Pedestrian		1				1	$60,000
NB Rear-End				1	3	4	$40,000
WB SB Angle					2	2	$20,000
SB Sideswipe-Same					1	1	$10,000
WB NB Angle					1	1	$10,000
TOTALS	**0**	**1**	**3**	**1**	**9**	**14**	**$340,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: LEXINGTON DR & MILWAUKEE ST

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	16,100
Coordinates:	42.693731, -88.9937
Crash Frequency:	22
Crash Rate:	0.75
Economic Loss:	$320,000

Economic Loss Ranking: 21

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB SB Angle			1	1	1	3	$80,000
EB NB Bicycle			1			1	$60,000
WB Left-Turn Angle				3	2	5	$50,000
EB Left-Turn Angle					2	2	$20,000
EB Ditch/Embankment					1	1	$10,000
WB Rear-End				1		1	$10,000
WB Other/Unknown					1	1	$10,000
EB NB Angle					1	1	$10,000
WB SB Angle					1	1	$10,000
EB Rear-End					1	1	$10,000
NB Left-Turn Angle					1	1	$10,000
EB Sideswipe-Same					1	1	$10,000
Angle					1	1	$10,000
NB Sideswipe-Same					1	1	$10,000
SB Sideswipe-Opposite					1	1	$10,000
TOTALS	**0**	**0**	**2**	**5**	**15**	**22**	**$320,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: MOUNT ZION AVE & MORNINGSIDE DR

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	11,100
Coordinates:	42.700183, -88.979245
Crash Frequency:	12
Crash Rate:	0.59
Economic Loss:	$320,000

Economic Loss Ranking: 22

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB NB Angle			1		1	2	$70,000
NB Traffic Signal			1			1	$60,000
WB SB Bicycle			1			1	$60,000
EB SB Angle			1			1	$60,000
WB Rear-End				1	2	3	$30,000
EB Left-Turn Angle					1	1	$10,000
WB Left-Turn Angle					1	1	$10,000
EB Rear-End					1	1	$10,000
WB Sideswipe-Same					1	1	$10,000
TOTALS	**0**	**0**	**4**	**1**	**7**	**12**	**$320,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: COURT ST & OAKHILL AVE

Traffic Control:	Side-Stop
Number of Legs:	4
Entering ADT:	12,750
Coordinates:	42.679364, -89.041796
Crash Frequency:	12
Crash Rate:	0.52
Economic Loss:	$320,000

Economic Loss Ranking: 23

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB Left-Turn Angle			1	1		2	$70,000
WB SB Angle			1		1	2	$70,000
EB SB Bicycle			1			1	$60,000
EB Pole/Post			1			1	$60,000
EB Rear-End				1	2	3	$30,000
Left-Turn Angle					1	1	$10,000
EB Angle					1	1	$10,000
EB SB Angle					1	1	$10,000
TOTALS	**0**	**0**	**4**	**2**	**6**	**12**	**$320,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: HIGHLAND AVE & OAKHILL AVE

Traffic Control:	Side-Stop
Number of Legs:	4
Entering ADT:	7,200
Coordinates:	42.690253, -89.042171
Crash Frequency:	16
Crash Rate:	1.22
Economic Loss:	$310,000

Economic Loss Ranking: 24

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB SB Angle		1	1			2	$120,000
WB SB Angle				1	7	8	$80,000
EB NB Bicycle			1			1	$60,000
WB NB Angle					2	2	$20,000
EB NB Angle				2		2	$20,000
EB Rear-End					1	1	$10,000
TOTALS	**0**	**1**	**2**	**3**	**10**	**16**	**$310,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: DEERFIELD DR & MILTON AVE FRONTAGE RD 9

Traffic Control:	Side-Stop
Number of Legs:	4
Entering ADT:	7,600
Coordinates:	42.726704, -88.989642
Crash Frequency:	14
Crash Rate:	1.01
Economic Loss:	$290,000

Economic Loss Ranking: 25

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB NB Angle		1		1		2	$70,000
SB Overturn		1				1	$60,000
NB Traffic Signal			1			1	$60,000
WB SB Angle				1	1	2	$20,000
NB Pole/Post				1	1	2	$20,000
NB Other/Unknown				1		1	$10,000
EB Sideswipe-Same					1	1	$10,000
NB Sideswipe-Same					1	1	$10,000
Traffic Signal					1	1	$10,000
NB Ditch/Embankment					1	1	$10,000
SB Other/Unknown					1	1	$10,000
TOTALS	**0**	**2**	**1**	**4**	**7**	**14**	**$290,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: LEXINGTON DR & LIBERTY LN

Traffic Control:	Side-Stop
Number of Legs:	3
Entering ADT:	7,900
Coordinates:	42.715401, -88.99361
Crash Frequency:	18
Crash Rate:	1.25
Economic Loss:	$280,000

Economic Loss Ranking: 26

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
NB Sideswipe-Same			1		2	3	$80,000
NB Left-Turn Angle			1			1	$60,000
WB NB Angle					3	3	$30,000
EB SB Angle				1	2	3	$30,000
WB SB Angle					2	2	$20,000
EB NB Angle					2	2	$20,000
NB Rear-End					1	1	$10,000
WB Left-Turn Angle					1	1	$10,000
SB Sideswipe-Same					1	1	$10,000
SB Rear-End					1	1	$10,000
TOTALS	**0**	**0**	**2**	**1**	**15**	**18**	**$280,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: HOLIDAY DR & PONTIAC DR

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	13,450
Coordinates:	42.713727, -88.989254
Crash Frequency:	18
Crash Rate:	0.73
Economic Loss:	$280,000

Economic Loss Ranking: 27

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
SB Rear-End			1		1	2	$70,000
WB SB Angle			1			1	$60,000
SB Left-Turn Angle				1	1	2	$20,000
NB Other/Unknown				1	1	2	$20,000
NB Traffic Signal					2	2	$20,000
Other/Unknown				1		1	$10,000
NB Parked Vehicle					1	1	$10,000
NB Sideswipe-Same					1	1	$10,000
EB NB Angle					1	1	$10,000
WB Sideswipe-Opposite					1	1	$10,000
SB Pedestrian				1		1	$10,000
NB Rear-End				1		1	$10,000
EB Rear-End					1	1	$10,000
SB Sideswipe-Opposite					1	1	$10,000
TOTALS	**0**	**0**	**2**	**5**	**11**	**18**	**$280,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: JACKSON ST & RACINE ST

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	7,650
Coordinates:	42.674819, -89.020627
Crash Frequency:	13
Crash Rate:	0.93
Economic Loss:	$280,000

Economic Loss Ranking: 28

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB Rear-End			1			1	$60,000
WB NB Bicycle			1			1	$60,000
EB SB Bicycle			1			1	$60,000
SB Rear-End				1	1	2	$20,000
WB Parked Vehicle					1	1	$10,000
WB Sideswipe-Same					1	1	$10,000
SB Parked Vehicle					1	1	$10,000
EB Left-Turn Angle				1		1	$10,000
Parked Vehicle				1		1	$10,000
NB Sideswipe-Same					1	1	$10,000
EB Rear-End					1	1	$10,000
SB Sideswipe-Same					1	1	$10,000
TOTALS	**0**	**0**	**3**	**3**	**7**	**13**	**$280,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: MOUNT ZION AVE & RANDALL AVE

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	12,200
Coordinates:	42.700744, -89.003182
Crash Frequency:	13
Crash Rate:	0.58
Economic Loss:	$280,000

Economic Loss Ranking: 29

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB NB Angle			1	1		2	$70,000
WB SB Bicycle			1			1	$60,000
EB Sideswipe-Same			1			1	$60,000
WB SB Angle				1	2	3	$30,000
EB SB Angle					2	2	$20,000
EB NB Angle				2		2	$20,000
NB Rear-End					1	1	$10,000
EB Traffic Signal					1	1	$10,000
TOTALS	**0**	**0**	**3**	**4**	**6**	**13**	**$280,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: JACKSON ST & MILWAUKEE ST

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	6,300
Coordinates:	42.681332, -89.026927
Crash Frequency:	17
Crash Rate:	1.48
Economic Loss:	$270,000

Economic Loss Ranking: 30

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB Sideswipe-Same			2		4	6	$160,000
WB Parked Vehicle					3	3	$30,000
WB Rear-End				1	1	2	$20,000
WB NB Angle					1	1	$10,000
WB Pole/Post					1	1	$10,000
WB Other/Unknown					1	1	$10,000
SB Sideswipe-Same					1	1	$10,000
SB Rear-End					1	1	$10,000
WB Pedestrian				1		1	$10,000
TOTALS	**0**	**0**	**2**	**2**	**13**	**17**	**$270,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: MINERAL POINT AVE & OAKHILL AVE

Traffic Control:	All-Way Stop
Number of Legs:	4
Entering ADT:	5,900
Coordinates:	42.686655, -89.042064
Crash Frequency:	12
Crash Rate:	1.11
Economic Loss:	$270,000

Economic Loss Ranking: 31

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB SB Bicycle		1	1			2	$120,000
WB SB Bicycle			1			1	$60,000
EB NB Angle					3	3	$30,000
WB NB Angle					2	2	$20,000
WB Rear-End				1		1	$10,000
EB Other/Unknown					1	1	$10,000
EB Rear-End					1	1	$10,000
EB SB Angle					1	1	$10,000
TOTALS	**0**	**1**	**2**	**1**	**8**	**12**	**$270,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: HARDING ST & MEMORIAL DR

Traffic Control:	Side-Stop
Number of Legs:	4
Entering ADT:	11,600
Coordinates:	42.693866, -89.025632
Crash Frequency:	21
Crash Rate:	0.99
Economic Loss:	$260,000

Economic Loss Ranking: 32

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB NB Angle			1		3	4	$90,000
NB Rear-End					2	2	$20,000
EB Rear-End				1	1	2	$20,000
WB NB Angle				1	1	2	$20,000
WB Left-Turn Angle				1		1	$10,000
WB Tree					1	1	$10,000
NB Left-Turn Angle					1	1	$10,000
NB Sideswipe-Same					1	1	$10,000
Rear-End					1	1	$10,000
Angle					1	1	$10,000
Left-Turn Angle				1		1	$10,000
NB Other/Unknown					1	1	$10,000
EB SB Angle				1		1	$10,000
WB SB Angle					1	1	$10,000
WB Rear-End					1	1	$10,000
TOTALS	**0**	**0**	**1**	**5**	**15**	**21**	**$260,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: MILWAUKEE ST & MORNINGSIDE DR

Traffic Control:	Side-Stop
Number of Legs:	4
Entering ADT:	11,700
Coordinates:	42.698284, -88.979197
Crash Frequency:	16
Crash Rate:	0.75
Economic Loss:	$260,000

Economic Loss Ranking: 33

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB Rear-End			1	1	3	5	$100,000
WB NB Angle			1	2		3	$80,000
WB SB Angle				2	2	4	$40,000
EB Left-Turn Angle				2		2	$20,000
WB Left-Turn Angle				1	1	2	$20,000
TOTALS	**0**	**0**	**2**	**8**	**6**	**16**	**$260,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: PONTIAC DR & RANDOLPH RD

Traffic Control:	Side-Stop
Number of Legs:	4
Entering ADT:	8,000
Coordinates:	42.707081, -88.989106
Crash Frequency:	11
Crash Rate:	0.75
Economic Loss:	$260,000

Economic Loss Ranking: 34

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB NB Angle			1	1	3	5	$100,000
SB Rear-End			1			1	$60,000
WB Other/Unknown			1			1	$60,000
NB Rear-End					1	1	$10,000
EB Pole/Post					1	1	$10,000
EB SB Angle					1	1	$10,000
NB Other/Unknown				1		1	$10,000
TOTALS	**0**	**0**	**3**	**2**	**6**	**11**	**$260,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: ARBOR DR & RACINE ST

Traffic Control:	Side-Stop
Number of Legs:	3
Entering ADT:	9,800
Coordinates:	42.678634, -88.998789
Crash Frequency:	11
Crash Rate:	0.62
Economic Loss:	$260,000

Economic Loss Ranking: 35

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB Rear-End			1		1	2	$70,000
EB Ditch/Embankment			1			1	$60,000
EB Pole/Post			1			1	$60,000
EB Rear-End				1	1	2	$20,000
WB Pole/Post					1	1	$10,000
WB Sideswipe-Same					1	1	$10,000
EB Left-Turn Angle					1	1	$10,000
EB Sideswipe-Same					1	1	$10,000
WB Other/Unknown					1	1	$10,000
TOTALS	**0**	**0**	**3**	**1**	**7**	**11**	**$260,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: HOLIDAY DR & MILTON AVE FRONTAGE RD 4

Traffic Control:	Side-Stop
Number of Legs:	4
Entering ADT:	8,000
Coordinates:	42.713886, -89.001249
Crash Frequency:	15
Crash Rate:	1.03
Economic Loss:	$250,000

Economic Loss Ranking: 36

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB NB Angle			1	1	3	5	$100,000
EB Sideswipe-Opposite			1			1	$60,000
EB SB Angle				1	2	3	$30,000
EB NB Angle					3	3	$30,000
WB SB Angle					1	1	$10,000
Left-Turn Angle					1	1	$10,000
SB Tree					1	1	$10,000
TOTALS	**0**	**0**	**2**	**2**	**11**	**15**	**$250,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: LEXINGTON DR & MOUNT ZION AVE

Traffic Control:	Side-Stop
Number of Legs:	4
Entering ADT:	8,450
Coordinates:	42.700558, -88.994482
Crash Frequency:	14
Crash Rate:	0.91
Economic Loss:	$240,000

Economic Loss Ranking: 37

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB SB Angle			1	2		3	$80,000
EB NB Angle			1	1	1	3	$80,000
WB NB Angle					2	2	$20,000
WB SB Angle					2	2	$20,000
SB Sideswipe-Opposite					1	1	$10,000
EB Rear-End				1		1	$10,000
SB Rear-End					1	1	$10,000
NB Rear-End					1	1	$10,000
TOTALS	**0**	**0**	**2**	**4**	**8**	**14**	**$240,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: BELOIT AVE & DELAVAN DR

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	13,750
Coordinates:	42.667078, -89.012006
Crash Frequency:	18
Crash Rate:	0.72
Economic Loss:	$230,000

Economic Loss Ranking: 38

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
SB Angle			1			1	$60,000
NB Rear-End					3	3	$30,000
EB Traffic Signal					2	2	$20,000
NB Sideswipe-Same				1	1	2	$20,000
WB Rear-End					1	1	$10,000
SB Rear-End					1	1	$10,000
Angle				1		1	$10,000
EB SB Angle					1	1	$10,000
WB Other/Unknown					1	1	$10,000
EB Ditch/Embankment					1	1	$10,000
WB Sideswipe-Opposite				1		1	$10,000
NB Other/Unknown					1	1	$10,000
NB Pole/Post					1	1	$10,000
SB Pole/Post					1	1	$10,000
TOTALS	**0**	**0**	**1**	**3**	**14**	**18**	**$230,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: AFTON RD & ROCKPORT RD

Traffic Control:	Other Stop
Number of Legs:	3
Entering ADT:	6,550
Coordinates:	42.672068, -89.041515
Crash Frequency:	13
Crash Rate:	1.09
Economic Loss:	$230,000

Economic Loss Ranking: 39

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB Left-Turn Angle		1				1	$60,000
EB Angle			1			1	$60,000
EB Rear-End					3	3	$30,000
NB Rear-End					2	2	$20,000
WB Sideswipe-Opposite				1		1	$10,000
Left-Turn Angle					1	1	$10,000
EB Sideswipe-Same				1		1	$10,000
EB SB Angle					1	1	$10,000
SB Pole/Post					1	1	$10,000
NB Ditch/Embankment				1		1	$10,000
TOTALS	**0**	**1**	**1**	**3**	**8**	**13**	**$230,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: RUGER AVE & WRIGHT RD

Traffic Control:	All-Way Stop
Number of Legs:	4
Entering ADT:	8,800
Coordinates:	42.683448, -88.973212
Crash Frequency:	13
Crash Rate:	0.81
Economic Loss:	$230,000

Economic Loss Ranking: 40

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB SB Angle			1	2	3	6	$110,000
WB NB Bicycle			1			1	$60,000
EB NB Angle					3	3	$30,000
WB Pole/Post					1	1	$10,000
NB Rear-End					1	1	$10,000
SB Rear-End					1	1	$10,000
TOTALS	**0**	**0**	**2**	**2**	**9**	**13**	**$230,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: HARMONY DR & RUGER AVE

Traffic Control:	Side-Stop
Number of Legs:	4
Entering ADT:	12,700
Coordinates:	42.686127, -88.996405
Crash Frequency:	13
Crash Rate:	0.56
Economic Loss:	$230,000

Economic Loss Ranking: 41

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB NB Angle			1	1		2	$70,000
SB Tree			1			1	$60,000
EB NB Angle					3	3	$30,000
EB SB Angle				1	1	2	$20,000
Parked Vehicle					2	2	$20,000
NB Head-On				1		1	$10,000
NB Rear-End					1	1	$10,000
NB Parked Vehicle					1	1	$10,000
TOTALS	**0**	**0**	**2**	**3**	**8**	**13**	**$230,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: JACKSON ST & MCKINLEY ST

Traffic Control:	Side-Stop
Number of Legs:	4
Entering ADT:	4,200
Coordinates:	42.67894, -89.025192
Crash Frequency:	8
Crash Rate:	1.04
Economic Loss:	$230,000

Economic Loss Ranking: 42

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB SB Angle		1				1	$60,000
NB Pedestrian			1			1	$60,000
NB Parked Vehicle			1			1	$60,000
Parked Vehicle					3	3	$30,000
EB NB Angle					1	1	$10,000
SB Parked Vehicle					1	1	$10,000
TOTALS	**0**	**1**	**2**	**0**	**5**	**8**	**$230,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: BLACK BRIDGE RD & RANDALL AVE

Traffic Control:	All-Way Stop
Number of Legs:	4
Entering ADT:	9,050
Coordinates:	42.704293, -89.003277
Crash Frequency:	17
Crash Rate:	1.03
Economic Loss:	$220,000

Economic Loss Ranking: 43

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
SB Other/Unknown		1				1	$60,000
WB SB Angle				2	2	4	$40,000
EB NB Angle					4	4	$40,000
WB Sideswipe-Same					2	2	$20,000
EB SB Angle					2	2	$20,000
Traffic Signal					1	1	$10,000
Left-Turn Angle					1	1	$10,000
EB Sideswipe-Same					1	1	$10,000
WB NB Angle				1		1	$10,000
TOTALS	**0**	**1**	**0**	**3**	**13**	**17**	**$220,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: RANDOLPH RD & WRIGHT RD

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	13,850
Coordinates:	42.706768, -88.973675
Crash Frequency:	17
Crash Rate:	0.67
Economic Loss:	$220,000

Economic Loss Ranking: 44

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
NB Rear-End				1	6	7	$70,000
SB Other/Unknown			1			1	$60,000
SB Rear-End				1	3	4	$40,000
WB Parked Vehicle					1	1	$10,000
EB Rear-End					1	1	$10,000
Pole/Post					1	1	$10,000
NB Traffic Signal					1	1	$10,000
WB Ditch/Embankment					1	1	$10,000
TOTALS	**0**	**0**	**1**	**2**	**14**	**17**	**$220,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: CROSBY AVE & MINERAL POINT AVE

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	10,600
Coordinates:	42.686501, -89.051957
Crash Frequency:	12
Crash Rate:	0.62
Economic Loss:	$220,000

Economic Loss Ranking: 45

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB Pedestrian			1			1	$60,000
WB Sideswipe-Same			1			1	$60,000
SB Rear-End				1	2	3	$30,000
EB Rear-End				1	1	2	$20,000
SB Traffic Signal					1	1	$10,000
WB Rear-End					1	1	$10,000
EB NB Bicycle				1		1	$10,000
NB Rear-End				1		1	$10,000
NB Sideswipe-Opposite				1		1	$10,000
TOTALS	**0**	**0**	**2**	**5**	**5**	**12**	**$220,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: COURT ST & PINE ST

Traffic Control:	Side-Stop
Number of Legs:	4
Entering ADT:	13,250
Coordinates:	42.679392, -89.039431
Crash Frequency:	7
Crash Rate:	0.29
Economic Loss:	$220,000

Economic Loss Ranking: 46

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB Pole/Post			2			2	$120,000
EB Other/Unknown	1					1	$60,000
SB Parked Vehicle					2	2	$20,000
WB Rear-End					1	1	$10,000
NB Sideswipe-Same					1	1	$10,000
TOTALS	**1**	**0**	**2**	**0**	**4**	**7**	**$220,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: GRANT AVE & SCHALLER ST

Traffic Control:	Uncontrolled
Number of Legs:	4
Entering ADT:	3,000
Coordinates:	42.655367, -89.04607
Crash Frequency:	6
Crash Rate:	1.10
Economic Loss:	$210,000

Economic Loss Ranking: 47

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB NB Angle			1		1	2	$70,000
EB NB Angle			1			1	$60,000
WB Ditch/Embankment			1			1	$60,000
EB Parked Vehicle					1	1	$10,000
EB SB Angle				1		1	$10,000
TOTALS	**0**	**0**	**3**	**1**	**2**	**6**	**$210,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: ACADEMY ST & COURT ST

Traffic Control:	Side-Stop
Number of Legs:	4
Entering ADT:	5,380
Coordinates:	42.679379, -89.028337
Crash Frequency:	10
Crash Rate:	1.02
Economic Loss:	$200,000

Economic Loss Ranking: 48

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB SB Bicycle			1			1	$60,000
EB NB Angle			1			1	$60,000
EB Sideswipe-Same					3	3	$30,000
EB SB Angle					2	2	$20,000
NB Sideswipe-Opposite				1		1	$10,000
SB Other/Unknown				1		1	$10,000
NB Pole/Post					1	1	$10,000
TOTALS	**0**	**0**	**2**	**2**	**6**	**10**	**$200,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: PALMER DR & WRIGHT RD

Traffic Control:	Side-Stop
Number of Legs:	4
Entering ADT:	8,100
Coordinates:	42.678337, -88.973257
Crash Frequency:	10
Crash Rate:	0.68
Economic Loss:	$200,000

Economic Loss Ranking: 49

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB SB Angle			1	1	3	5	$100,000
Left-Turn Angle			1			1	$60,000
WB SB Angle					1	1	$10,000
NB Rear-End					1	1	$10,000
SB Left-Turn Angle					1	1	$10,000
SB Sideswipe-Same				1		1	$10,000
TOTALS	**0**	**0**	**2**	**2**	**6**	**10**	**$200,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: MEMORIAL DR & RANDALL AVE

Traffic Control:	All-Way Stop
Number of Legs:	4
Entering ADT:	9,200
Coordinates:	42.6934, -89.003027
Crash Frequency:	14
Crash Rate:	0.83
Economic Loss:	$190,000

Economic Loss Ranking: 50

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB SB Angle			1		1	2	$70,000
SB Rear-End					3	3	$30,000
EB SB Angle				1	1	2	$20,000
EB NB Angle				1	1	2	$20,000
WB Sideswipe-Same					1	1	$10,000
NB Left-Turn Angle					1	1	$10,000
NB Rear-End					1	1	$10,000
WB Parked Vehicle					1	1	$10,000
WB NB Angle					1	1	$10,000
TOTALS	**0**	**0**	**1**	**2**	**11**	**14**	**$190,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: CROSBY AVE & ROCKPORT RD

Traffic Control:	All-Way Stop
Number of Legs:	4
Entering ADT:	10,450
Coordinates:	42.671942, -89.051541
Crash Frequency:	14
Crash Rate:	0.73
Economic Loss:	$190,000

Economic Loss Ranking: 51

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB Tree			1			1	$60,000
SB Rear-End					4	4	$40,000
WB SB Angle					2	2	$20,000
WB SB Bicycle				1		1	$10,000
WB Rear-End					1	1	$10,000
WB Sideswipe-Opposite				1		1	$10,000
SB Other/Unknown				1		1	$10,000
EB SB Angle					1	1	$10,000
EB NB Angle					1	1	$10,000
SB Sideswipe-Same					1	1	$10,000
TOTALS	**0**	**0**	**1**	**3**	**10**	**14**	**$190,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: FOREST PARK BLVD & RUGER AVE

Traffic Control:	Side-Stop
Number of Legs:	4
Entering ADT:	6,200
Coordinates:	42.686342, -89.009628
Crash Frequency:	9
Crash Rate:	0.80
Economic Loss:	$190,000

Economic Loss Ranking: 52

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB Other/Unknown			1			1	$60,000
EB Pedestrian			1			1	$60,000
WB Parked Vehicle					1	1	$10,000
WB Sideswipe-Opposite					1	1	$10,000
WB Rear-End					1	1	$10,000
Sideswipe-Same					1	1	$10,000
EB Parked Vehicle					1	1	$10,000
EB NB Angle				1		1	$10,000
SB Other/Unknown					1	1	$10,000
TOTALS	**0**	**0**	**2**	**1**	**6**	**9**	**$190,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: COURT ST & WISCONSIN ST

Traffic Control:	Side-Stop
Number of Legs:	4
Entering ADT:	8,400
Coordinates:	42.68363, -89.018511
Crash Frequency:	9
Crash Rate:	0.59
Economic Loss:	$190,000

Economic Loss Ranking: 53

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB SB Angle			1			1	$60,000
EB Pedestrian		1				1	$60,000
EB Sideswipe-Same					4	4	$40,000
WB Other/Unknown					1	1	$10,000
EB NB Angle					1	1	$10,000
EB Rear-End					1	1	$10,000
TOTALS	**0**	**1**	**1**	**0**	**7**	**9**	**$190,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: LEXINGTON DR & RUGER AVE

Traffic Control:	All-Way Stop
Number of Legs:	4
Entering ADT:	13,100
Coordinates:	42.686082, -88.993939
Crash Frequency:	9
Crash Rate:	0.38
Economic Loss:	$190,000

Economic Loss Ranking: 54

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB Pedestrian			1			1	$60,000
WB Overturn			1			1	$60,000
WB Rear-End					2	2	$20,000
WB NB Angle					1	1	$10,000
WB SB Angle					1	1	$10,000
EB SB Angle					1	1	$10,000
EB NB Angle					1	1	$10,000
SB Rear-End					1	1	$10,000
TOTALS	**0**	**0**	**2**	**0**	**7**	**9**	**$190,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: MILWAUKEE ST & RIVER ST

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	7,950
Coordinates:	42.682221, -89.024755
Crash Frequency:	13
Crash Rate:	0.90
Economic Loss:	$180,000

Economic Loss Ranking: 55

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB NB Angle			1	2	2	5	$100,000
WB Rear-End				1	1	2	$20,000
WB SB Angle					1	1	$10,000
WB Traffic Signal					1	1	$10,000
WB Sideswipe-Same					1	1	$10,000
EB NB Bicycle				1		1	$10,000
SB Sideswipe-Same					1	1	$10,000
NB Parked Vehicle					1	1	$10,000
TOTALS	**0**	**0**	**1**	**4**	**8**	**13**	**$180,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: ACADEMY ST & MILWAUKEE ST

Traffic Control:	Traffic Signal
Number of Legs:	4
Entering ADT:	7,500
Coordinates:	42.680451, -89.029116
Crash Frequency:	12
Crash Rate:	0.88
Economic Loss:	$170,000

Economic Loss Ranking: 56

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB Other/Unknown			1			1	$60,000
WB Sideswipe-Same					3	3	$30,000
EB SB Angle					1	1	$10,000
NB Rear-End				1		1	$10,000
WB Parked Vehicle					1	1	$10,000
WB Pole/Post					1	1	$10,000
WB Traffic Signal					1	1	$10,000
SB Ditch/Embankment					1	1	$10,000
EB Parked Vehicle					1	1	$10,000
WB NB Angle					1	1	$10,000
TOTALS	**0**	**0**	**1**	**1**	**10**	**12**	**$170,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: KELLOGG AVE & OAKHILL AVE

Traffic Control:	Side-Stop
Number of Legs:	4
Entering ADT:	8,000
Coordinates:	42.649835, -89.041075
Crash Frequency:	12
Crash Rate:	0.82
Economic Loss:	$170,000

Economic Loss Ranking: 57

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB NB Angle			1	2		3	$80,000
WB SB Angle				1	1	2	$20,000
EB SB Angle					2	2	$20,000
EB Rear-End					1	1	$10,000
Parked Vehicle					1	1	$10,000
Other/Unknown					1	1	$10,000
EB NB Angle					1	1	$10,000
WB Pole/Post				1		1	$10,000
TOTALS	**0**	**0**	**1**	**4**	**7**	**12**	**$170,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: RACINE ST & RIVER ST

Traffic Control:	Side-Stop
Number of Legs:	4
Entering ADT:	8,600
Coordinates:	42.675876, -89.018862
Crash Frequency:	12
Crash Rate:	0.76
Economic Loss:	$170,000

Economic Loss Ranking: 58

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
EB SB Angle			1		2	3	$80,000
WB SB Angle					2	2	$20,000
EB Rear-End				1	1	2	$20,000
EB Pole/Post				1		1	$10,000
EB NB Angle					1	1	$10,000
SB Left-Turn Angle				1		1	$10,000
EB Pedestrian				1		1	$10,000
WB Other/Unknown					1	1	$10,000
TOTALS	**0**	**0**	**1**	**4**	**7**	**12**	**$170,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: HOLIDAY DR & LEXINGTON DR

Traffic Control:	All-Way Stop
Number of Legs:	4
Entering ADT:	9,900
Coordinates:	42.713628, -88.99357
Crash Frequency:	12
Crash Rate:	0.66
Economic Loss:	$170,000

Economic Loss Ranking: 59

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB Rear-End			1			1	$60,000
WB NB Angle				1	3	4	$40,000
EB NB Angle				1	3	4	$40,000
EB Other/Unknown					1	1	$10,000
WB Head-On					1	1	$10,000
EB SB Angle					1	1	$10,000
TOTALS	**0**	**0**	**1**	**2**	**9**	**12**	**$170,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: FREMONT ST & MILWAUKEE ST

Traffic Control:	Side-Stop
Number of Legs:	4
Entering ADT:	11,500
Coordinates:	42.69048, -89.004255
Crash Frequency:	11
Crash Rate:	0.52
Economic Loss:	$160,000

Economic Loss Ranking: 60

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
WB Tree			1			1	$60,000
WB Rear-End					3	3	$30,000
EB NB Angle				1	1	2	$20,000
EB Rear-End				1		1	$10,000
EB Pedestrian				1		1	$10,000
WB Left-Turn Angle					1	1	$10,000
NB Parked Vehicle					1	1	$10,000
EB Tree				1		1	$10,000
TOTALS	**0**	**0**	**1**	**4**	**6**	**11**	**$160,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

APPENDIX J

"FIVE POINTS" USH 51/CONNECTING HWY INTERSECTION CRASH SUMMARY

Intersection Crash Type Summary

CITY OF JANESVILLE (2013 - 2017)

INTERSECTION: **Five Points (Centerway/HWY 51 @ Court/Milwaukee/Center)**

Traffic Control:	Traffic Signal
Number of Legs:	5
Entering ADT:	23,150
Coordinates:	42.679413, -89.031805
Crash Frequency:	89
Crash Rate:	2.11
Economic Loss:	$1,040,000

Economic Loss Ranking: 1

CRASH TYPE	FATAL	A-LEVEL	B-LEVEL	C-LEVEL	PD	TOTAL	ECONOMIC LOSS
SB Rear-End			1	1	6	8	$130,000
WB Rear-End				2	8	10	$100,000
WB NB Angle			1		3	4	$90,000
NB Rear-End					9	9	$90,000
Pedestrian			1			1	$60,000
EB Sideswipe-Same					5	5	$50,000
EB Rear-End					5	5	$50,000
EB SB Angle					4	4	$40,000
WB Sideswipe-Same				1	3	4	$40,000
EB NB Angle				2	2	4	$40,000
WB SB Angle					3	3	$30,000
WB Pole/Post				1	2	3	$30,000
NB Pole/Post					3	3	$30,000
NB Traffic Signal					3	3	$30,000
SB Sideswipe-Same					3	3	$30,000
EB Pole/Post					2	2	$20,000
WB Other/Unknown					2	2	$20,000
NB Sideswipe-Opposite					2	2	$20,000
SB Ditch/Embankment				1	1	2	$20,000
EB Other/Unknown					2	2	$20,000
WB Traffic Signal					1	1	$10,000
WB Ditch/Embankment					1	1	$10,000
EB Angle				1		1	$10,000
SB Left-Turn Angle					1	1	$10,000
EB Left-Turn Angle					1	1	$10,000
NB Other/Unknown					1	1	$10,000
NB Sideswipe-Same					1	1	$10,000
WB NB Bicycle				1		1	$10,000
SB Pedestrian				1		1	$10,000
SB Angle					1	1	$10,000
TOTALS	**0**	**0**	**3**	**11**	**75**	**89**	**$1,040,000**

Notes:

Crash pattern determinations based on interpretations of electronic crash data.

Definitions: A-Level = incapacitating injury, B-Level = non-incapacitating injury, C-Level = possible injury, & PD = property damage

Economic loss calculated by assigning $60,000 for KAB crashes and $10,000 for C-Level and PD crashes.

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