

Intersection of US 75/S UNION ST/1ST AVE & IA 9 & N UNION ST  
 City of Rock Rapids, Lyon County, Iowa from 2009-2013  
 Composite Rank=3808 Frequency Rank=1272 Rate Rank=7050 Severity Rank=3837

Severity of All Crashes by Year						
Intersection of US 75/S UNION ST/1ST AVE & IA 9 & N UNION ST						
City of Rock Rapids, Lyon County, Iowa from 2009-2013						
Severity	Year					Total
	2009	2010	2011	2012	2013	
Fatal						
Major Injury						
Minor Injury			1		1	2
Possible/Unknown Injury						
Property Damage Only	5	3	3	1	1	13
<b>Total</b>	<b>5</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>15</b>
Fatal						
Major Injury						
Minor Injury			2		1	3
Possible Injury					2	2
Unknown Injury						
<b>Total Injuries</b>			<b>2</b>		<b>3</b>	<b>5</b>
<b>Estimated Property Damage (thousands of \$)</b>	12,200	10,700	10,800	4,000	26,500	64,200
<b>Total Vehicles</b>	10	6	8	2	5	31

Injury Severity

Time of Day of All Crashes by Day of Week								
Intersection of US 75/S UNION ST/1ST AVE & IA 9 & N UNION ST								
City of Rock Rapids, Lyon County, Iowa from 2009-2013								
Time of Day	Day of Week							Total
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Midnight–12:59 AM								
1:00 AM–1:59 AM								
2:00 AM–2:59 AM								
3:00 AM–3:59 AM								
4:00 AM–4:59 AM								
5:00 AM–5:59 AM								
6:00 AM–6:59 AM								
7:00 AM–7:59 AM			1	1				2
8:00 AM–8:59 AM								
9:00 AM–9:59 AM			1	1				2
10:00 AM–10:59 AM								
11:00 AM–11:59 AM			1					1
Noon–12:59 PM						1		1
1:00 PM–1:59 PM						1		1
2:00 PM–2:59 PM	1		1		1			3
3:00 PM–3:59 PM							1	1
4:00 PM–4:59 PM					1	1		2
5:00 PM–5:59 PM								
6:00 PM–6:59 PM		1		1				2
7:00 PM–7:59 PM								
8:00 PM–8:59 PM								
9:00 PM–9:59 PM								
10:00 PM–10:59 PM								
11:00 PM–11:59 PM								
<b>Total</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>15</b>

Intersection of US 75/S UNION ST/1ST AVE & IA 9 & N UNION ST  
 City of Rock Rapids, Lyon County, Iowa from 2009-2013  
 Composite Rank=3808 Frequency Rank=1272 Rate Rank=7050 Severity Rank=3837

Major Cause of All Crashes by Severity Intersection of US 75/S UNION ST/1ST AVE & IA 9 & N UNION ST City of Rock Rapids, Lyon County, Iowa from 2009-2013						
Major Cause	Severity					Total
	Fatal	Major Injury	Minor Injury	Possible/ Unknown Injury	Property Damage	
Animal						
Ran Traffic Signal						
Ran Stop Sign						
Crossed Centerline						
FTYROW:At Uncontrolled Intersection						
FTYROW:Making Right Turn on Red Signal						
FTYROW:From Stop Sign						
FTYROW:From Yield Sign						
FTYROW:Making Left Turn					4	4
FTYROW:From Driveway						
FTYROW:From Parked Position						
FTYROW:To Pedestrian						
FTYROW:Other						
Traveling Wrong Way or On Wrong Side of Road						
Driving Too Fast For Conditions					3	3
Exceeded Authorized Speed						
Made Improper Turn						
Improper Lane Change						
Followed Too Close			1		1	2
Disregarded RR Signal						
Disregarded Warning Sign						
Erratic/Reckless/Careless/Negligent/Aggressive						
Improper Backing						
Illegally Parked/Unattended						
Swerving/Evasive Action						
Over Correcting/Over Steering						
Downhill Runaway						
Equipment Failure						
Separation of Units						
Ran Off Road - Right						
Ran Off Road - Straight						
Ran Off Road - Left						
Lost Control						
Inattentive/Distracted by:Passenger						
Inattentive/Distracted by:Phone/Device						
Inattentive/Distracted by:Fallen Object						
Inattentive/Distracted by:Fatigued/Asleep						
Other:Vision Obstructed					1	1
Oversized Load/Vehicle						
Cargo/Equipment Loss or Shift						
Other Improper Action			1		4	5
Unknown						
No Improper Action						
Not Reported						
<b>Total</b>			2		13	15

Intersection of US 75/S UNION ST/1ST AVE & IA 9 & N UNION ST

City of Rock Rapids, Lyon County, Iowa from 2009-2013

Composite Rank=3808 Frequency Rank=1272 Rate Rank=7050 Severity Rank=3837

Manner of Collision of Crashes by Year						
Intersection of US 75/S UNION ST/1ST AVE & IA 9 & N UNION ST						
City of Rock Rapids, Lyon County, Iowa from 2009-2013						
Manner of Collision	Year					Total
	2009	2010	2011	2012	2013	
Non-Collision						
Head-on						
Rear-end	3	1	3		2	9
Angle, oncoming left turn	1	1		1		3
Broadside			1			1
Sideswipe, same direction	1	1				2
Sideswipe, opposite direction						
Unknown						
Not Reported						
<b>Total</b>	<b>5</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>15</b>

Weather Condition of Crashes by Year						
Intersection of US 75/S UNION ST/1ST AVE & IA 9 & N UNION ST						
City of Rock Rapids, Lyon County, Iowa from 2009-2013						
Weather Condition	Year					Total
	2009	2010	2011	2012	2013	
Clear	3	2	2	1		8
Partly Cloudy	2		1		1	4
Cloudy					1	1
Fog/Smoke						
Mist						
Rain						
Sleet/Hail/Freezing Rain						
Snow		1	1			2
Severe Winds						
Blowing Sand/Soil/Dirt/Snow						
Not Reported						
Other						
Unknown						
<b>Total</b>	<b>5</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>15</b>

Surface Condition of Crashes by Year						
Intersection of US 75/S UNION ST/1ST AVE & IA 9 & N UNION ST						
City of Rock Rapids, Lyon County, Iowa from 2009-2013						
Surface Condition	Year					Total
	2009	2010	2011	2012	2013	
Dry	4	2	2	1	1	10
Wet	1		1		1	3
Ice						
Snow		1	1			2
Slush						
Sand/Mud/Dirt/Oil/Gravel						
Water (Standing/Moving)						
Other						
Unknown						
Not Reported						
<b>Total</b>	<b>5</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>15</b>

Intersection of US 75/S UNION ST/1ST AVE & IA 9 & N UNION ST  
 City of Rock Rapids, Lyon County, Iowa from 2009-2013  
 Composite Rank=3808 Frequency Rank=1272 Rate Rank=7050 Severity Rank=3837

Drug or Alcohol Related Crashes by Year						
Intersection of US 75/S UNION ST/1ST AVE & IA 9 & N UNION ST						
City of Rock Rapids, Lyon County, Iowa from 2009-2013						
Drug/Alcohol	Year					Total
	2009	2010	2011	2012	2013	
Drug						
Alcohol (<Statutory)						
Alcohol (Statutory)						
Drug/Alcohol (<Statutory)						
Drug/Alcohol (Statutory)						
Refused						
Under Influence of Alcohol/Drugs/Medications						
None Indicated	5	3	4	1	2	15
<b>Total</b>	<b>5</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>15</b>

Vehicle Action of Drivers Involved in Crashes by Initial Direction of Travel							
Intersection of US 75/S UNION ST/1ST AVE & IA 9 & N UNION ST							
City of Rock Rapids, Lyon County, Iowa from 2009-2013							
Vehicle Action	Initial Direction of Travel						Total
	North	East	South	West	Unknown	Not Reported	
Movement Essentially Straight		7	1	4			12
Turning Left	2	3		2			7
Turning Right	4		2				6
Making U-turn							
Overtake/Passing							
Changing Lanes							
Entering Traffic Lane (Merging)							
Leaving Traffic Lane							
Backing						1	1
Slowing/Stopping							
Stopped for Stop Sign/Signal	3	2					5
Legally Parked							
Illegally Parked/Unattended							
Other							
Not Reported							
Unknown							
<b>Total</b>	<b>9</b>	<b>12</b>	<b>3</b>	<b>6</b>		<b>1</b>	<b>31</b>

Intersection of US 75/S UNION ST/1ST AVE & IA 9 & N UNION ST  
 City of Rock Rapids, Lyon County, Iowa from 2009-2013  
 Composite Rank=3808 Frequency Rank=1272 Rate Rank=7050 Severity Rank=3837

Driver Contributing Circumstances of Drivers by Severity Intersection of US 75/S UNION ST/1ST AVE & IA 9 & N UNION ST City of Rock Rapids, Lyon County, Iowa from 2009-2013						
Driver Contributing Circumstances	Severity					Total
	Fatal	Major Injury	Minor Injury	Possible/ Unknown Injury	Property Damage	
Ran Traffic Signal						
Ran Stop Sign						
Exceeded Authorized Speed						
Driving Too Fast For Conditions					3	3
Made Improper Turn					1	1
Traveling Wrong Way or On Wrong Side Of Road						
Crossed Centerline						
Lost Control						
Followed Too Close			1		1	2
Swerved To Avoid: Vehicle/Object/Non-motorist/or Animal						
Over Correcting/Over Steering						
Operating Vehicle in an						
FTYROW: From Stop Sign						
FTYROW: From Yield Sign						
FTYROW: Making Left Turn					3	3
FTYROW: Making Right Turn On Red Signal						
FTYROW: From Driveway						
FTYROW: From Parked Position						
FTYROW: To Pedestrian						
FTYROW: At Uncontrolled Intersection						
FTYROW: Other						
Inattentive/Distracted By: Passenger						
Inattentive/Distracted By: Use of Phone or Other Device						
Inattentive/Distracted By: Fallen Object						
Inattentive/Distracted By:Fatigued/Asleep						
Other: Vision Obstructed					1	1
Other Improper Action			1		5	6
No Improper Action			3		12	15
Not Reported						
Unknown						
<b>Total</b>			5		26	31

Intersection of US 75/S UNION ST/1ST AVE & IA 9 & N UNION ST  
 City of Rock Rapids, Lyon County, Iowa from 2009-2013  
 Composite Rank=3808 Frequency Rank=1272 Rate Rank=7050 Severity Rank=3837

Driver Age of All Crashes by Year						
Intersection of US 75/S UNION ST/1ST AVE & IA 9 & N UNION ST						
City of Rock Rapids, Lyon County, Iowa from 2009-2013						
Driver Age	Year					Total
	2009	2010	2011	2012	2013	
< 14						
= 14						
= 15						
= 16						
= 17			1			1
= 18	1					1
= 19					1	1
= 20				1		1
21-24						
25-29	1	1	1			3
30-34	2					2
35-39		1	1			2
40-44	1	1	2		1	5
45-49		2		1	1	4
50-54	1	1	1			3
55-59						
60-64	2		1		2	5
65-69						
70-74	2					2
75-79						
80-84						
85-89						
90-94						
> 95						
Not Reported						
Unknown			1			1
<b>Total</b>	10	6	8	2	5	31

Intersection of US 75/S UNION ST/1ST AVE & IA 9 & N UNION ST  
 City of Rock Rapids, Lyon County, Iowa from 2009-2013  
 Composite Rank=3808 Frequency Rank=1272 Rate Rank=7050 Severity Rank=3837

Vehicle Configuration of Drivers Involved in Crashes by Year Intersection of US 75/S UNION ST/1ST AVE & IA 9 & N UNION ST City of Rock Rapids, Lyon County, Iowa from 2009-2013						
Vehicle Configuration	Year					Total
	2009	2010	2011	2012	2013	
Passenger Car	4		4	2	3	13
Four-tire Light Truck (Pick-up/Panel)	2		1		2	5
Van or Mini-van	1	4				5
Sport Utility Vehicle	1		2			3
Single-unit Truck (2-axle/6-tire)						
Single-unit Truck (>= 3 axle)	1	1				2
Truck/Trailer						
Truck Tractor (Bobtail)						
Tractor/Semi-trailer	1	1				2
Tractor/Doubles						
Tractor/Triples						
Other Heavy Truck (cannot classify)						
Motor Home/Recreational Vehicle						
Motorcycle						
Moped/All-Terrain Vehicle						
School Bus (seats>15)						
Small School Bus (seats 9-15)						
Other Bus (seats>15)						
Other Small Bus (seats 9-15)						
Farm Vehicle/Equipment						
Maintenance/Construction Vehicle						
Train						
Other						
Not Reported						
Unknown			1			1
<b>Total</b>	<b>10</b>	<b>6</b>	<b>8</b>	<b>2</b>	<b>5</b>	<b>31</b>

**Disclaimer:**

The information contained in this report was derived from the December 15, 2015 Iowa Department of Transportation crash database.

If errors or odd cases are found, please communicate the case number or send a printed crash report to Michael Pawlovich, Iowa DOT, Office of Traffic and Safety, ([Michael.Pawlovich@dot.iowa.gov](mailto:Michael.Pawlovich@dot.iowa.gov), 515.239.1428).

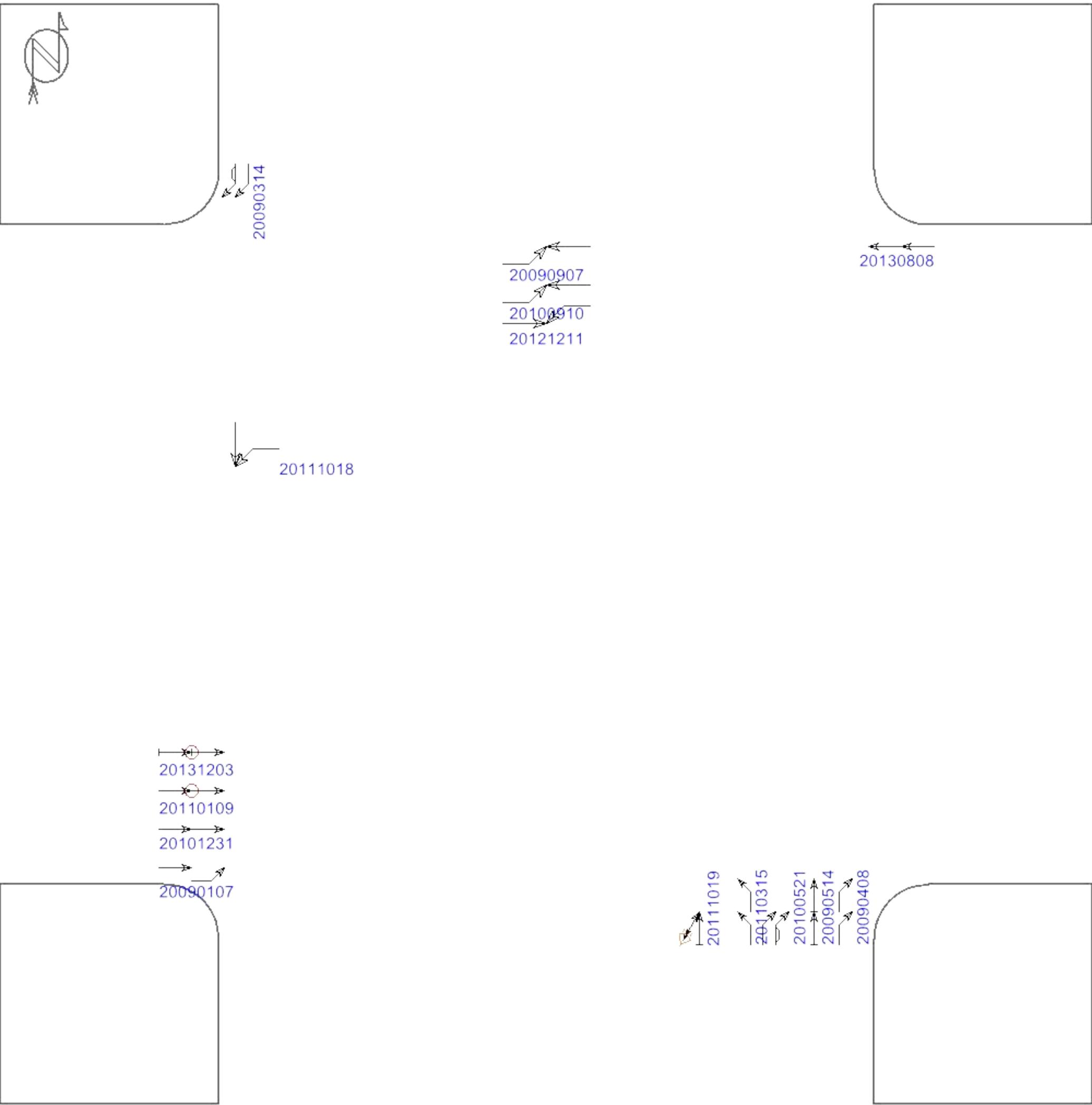


IOWA STATE  
UNIVERSITY



# US 75/S Union St. & IA 9

2009 - 2013 Reportable Crashes



(0) crashes could not be placed in this schematic

- |  |  |   |  |
|--|--|---|--|
| <ul style="list-style-type: none"> <li>← Straight</li> <li>←  Stopped</li> <li>← Unknown</li> <li>←↔ Backing</li> <li>←↔ Overtaking</li> <li>←↔ Sideswipe</li> </ul> | <ul style="list-style-type: none"> <li>▭ Parked</li> <li>←~ Erratic</li> <li>←~ Out of control</li> <li>↘ Right turn</li> <li>↙ Left turn</li> <li>↻ U-turn</li> </ul> | <ul style="list-style-type: none"> <li>× Pedestrian</li> <li>⊗ Bicycle</li> <li>○ Injury</li> <li>⊙ Fatality</li> <li>☾ Nighttime</li> <li>⚔ DUI</li> </ul> | <p><b>Fixed objects:</b></p> <ul style="list-style-type: none"> <li>□ General</li> <li>⊞ Signal</li> <li>⊞ Tree</li> <li>⊞ Pole</li> <li>⊞ Curb</li> <li>⊞ Animal</li> </ul> |
|--|--|---|--|
- 
- |               |
|---------------|
| ◁ 3rd vehicle |
| * Extra data  |