

Intersection of IA 141/IOWA 141 & NW 54TH AVE
 City of Grimes, Polk County, Iowa from 2009-2013
 Composite Rank=204 Frequency Rank=33 Rate Rank=9954 Severity Rank=772

Severity of All Crashes by Year Intersection of IA 141/IOWA 141 & NW 54TH AVE City of Grimes, Polk County, Iowa from 2009-2013						
Severity	Year					Total
	2009	2010	2011	2012	2013	
Fatal						
Major Injury					1	1
Minor Injury	2			2		4
Possible/Unknown Injury	2	2	1	1	5	11
Property Damage Only	8	12	7	7	17	51
Total	12	14	8	10	23	67

Injury Severity	Fatal					
	Major Injury					1
	Minor Injury	2			2	
	Possible Injury	2	2	1	3	5
	Unknown Injury				2	1
	Total Injuries	4	2	1	7	7
Estimated Property Damage (thousands of \$)	52,760	57,950	34,600	46,500	148,400	340,210
Total Vehicles	26	29	16	21	48	140

Time of Day of All Crashes by Day of Week Intersection of IA 141/IOWA 141 & NW 54TH AVE City of Grimes, Polk County, Iowa from 2009-2013								
Time of Day	Day of Week							Total
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Midnight–12:59 AM							1	
1:00 AM–1:59 AM								
2:00 AM–2:59 AM								
3:00 AM–3:59 AM				1			1	
4:00 AM–4:59 AM	1							
5:00 AM–5:59 AM						1		
6:00 AM–6:59 AM				1	1			
7:00 AM–7:59 AM		2	2	1	3	1		
8:00 AM–8:59 AM			1	1				
9:00 AM–9:59 AM						1		
10:00 AM–10:59 AM					1	1		
11:00 AM–11:59 AM		2			2	1		
Noon–12:59 PM		1						
1:00 PM–1:59 PM						1		
2:00 PM–2:59 PM	2		1	1	3			
3:00 PM–3:59 PM	1	2		1	1	2		
4:00 PM–4:59 PM		1				1		
5:00 PM–5:59 PM	1		1	2				
6:00 PM–6:59 PM					1	1		
7:00 PM–7:59 PM	1				1	1		
8:00 PM–8:59 PM			1					
9:00 PM–9:59 PM			1		1			
10:00 PM–10:59 PM								
11:00 PM–11:59 PM							1	
Total	6	8	7	8	14	11	13	

Intersection of IA 141/IOWA 141 & NW 54TH AVE
 City of Grimes, Polk County, Iowa from 2009-2013
 Composite Rank=204 Frequency Rank=33 Rate Rank=9954 Severity Rank=772

Major Cause of All Crashes by Severity Intersection of IA 141/IOWA 141 & NW 54TH AVE City of Grimes, Polk County, Iowa from 2009-2013						
Major Cause	Severity					Total
	Fatal	Major Injury	Minor Injury	Possible/ Unknown Injury	Property Damage	
Animal					2	2
Ran Traffic Signal			1	1	2	4
Ran Stop Sign						
Crossed Centerline				1	4	5
FTYROW:At Uncontrolled Intersection						
FTYROW:Making Right Turn on Red Signal						
FTYROW:From Stop Sign						
FTYROW:From Yield Sign						
FTYROW:Making Left Turn		1				1
FTYROW:From Driveway						
FTYROW:From Parked Position						
FTYROW:To Pedestrian						
FTYROW:Other				1	1	2
Traveling Wrong Way or On Wrong Side of Road						
Driving Too Fast For Conditions				1	2	3
Exceeded Authorized Speed						
Made Improper Turn				1		1
Improper Lane Change						
Followed Too Close			1	1	16	18
Disregarded RR Signal						
Disregarded Warning Sign						
Erratic/Reckless/Careless/Negligent/Aggressive			1		5	6
Improper Backing						
Illegally Parked/Unattended						
Swerving/Evasive Action				1	1	2
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			1		1	2
Inattentive/Distracted by:Passenger					2	2
Inattentive/Distracted by:Phone/Device						
Inattentive/Distracted by:Fallen Object					1	1
Inattentive/Distracted by:Fatigued/Asleep						
Other:Vision Obstructed					1	1
Oversized Load/Vehicle						
Cargo/Equipment Loss or Shift						
Other Improper Action				4	10	14
Unknown					2	2
No Improper Action					1	1
Not Reported						
Total		1	4	11	51	67

Intersection of IA 141/IOWA 141 & NW 54TH AVE
 City of Grimes, Polk County, Iowa from 2009-2013
 Composite Rank=204 Frequency Rank=33 Rate Rank=9954 Severity Rank=772

Manner of Collision of Crashes by Year Intersection of IA 141/IOWA 141 & NW 54TH AVE City of Grimes, Polk County, Iowa from 2009-2013						
Manner of Collision	Year					Total
	2009	2010	2011	2012	2013	
Non-Collision	2				2	4
Head-on						
Rear-end	7	13	3	8	17	48
Angle, oncoming left turn					1	1
Broadside	3	1	3	1	1	9
Sideswipe, same direction			2	1	2	5
Sideswipe, opposite direction						
Unknown						
Not Reported						
Total	12	14	8	10	23	67

Weather Condition of Crashes by Year Intersection of IA 141/IOWA 141 & NW 54TH AVE City of Grimes, Polk County, Iowa from 2009-2013						
Weather Condition	Year					Total
	2009	2010	2011	2012	2013	
Clear	7	10	3	4	11	35
Partly Cloudy	3		2	3	7	15
Cloudy	2		1	2	3	8
Fog/Smoke		1				1
Mist						
Rain		3	2	1	1	7
Sleet/Hail/Freezing Rain						
Snow						
Severe Winds						
Blowing Sand/Soil/Dirt/Snow						
Not Reported					1	1
Other						
Unknown						
Total	12	14	8	10	23	67

Surface Condition of Crashes by Year Intersection of IA 141/IOWA 141 & NW 54TH AVE City of Grimes, Polk County, Iowa from 2009-2013						
Surface Condition	Year					Total
	2009	2010	2011	2012	2013	
Dry	11	9	6	9	19	54
Wet		4	2	1	2	9
Ice		1			1	2
Snow	1					1
Slush						
Sand/Mud/Dirt/Oil/Gravel						
Water (Standing/Moving)						
Other						
Unknown						
Not Reported					1	1
Total	12	14	8	10	23	67

Intersection of IA 141/IOWA 141 & NW 54TH AVE
 City of Grimes, Polk County, Iowa from 2009-2013
 Composite Rank=204 Frequency Rank=33 Rate Rank=9954 Severity Rank=772

Drug or Alcohol Related Crashes by Year						
Intersection of IA 141/IOWA 141 & NW 54TH AVE						
City of Grimes, Polk County, Iowa from 2009-2013						
Drug/Alcohol	Year					Total
	2009	2010	2011	2012	2013	
Drug						
Alcohol (<Statutory)			1			1
Alcohol (Statutory)			1		1	2
Drug/Alcohol (<Statutory)						
Drug/Alcohol (Statutory)						
Refused						
Under Influence of Alcohol/Drugs/Medications						
None Indicated	12	14	6	10	22	64
Total	12	14	8	10	23	67

Vehicle Action of Drivers Involved in Crashes by Initial Direction of Travel							
Intersection of IA 141/IOWA 141 & NW 54TH AVE							
City of Grimes, Polk County, Iowa from 2009-2013							
Vehicle Action	Initial Direction of Travel						Total
	North	East	South	West	Unknown	Not Reported	
Movement Essentially Straight	11	8	18	6		1	44
Turning Left		3		2			5
Turning Right	2	9		5			16
Making U-turn							
Overtake/Passing			1				1
Changing Lanes	1						1
Entering Traffic Lane (Merging)							
Leaving Traffic Lane							
Backing			3	1			4
Slowing/Stopping	7	2	19	1			29
Stopped for Stop Sign/Signal	10	4	18	5			37
Legally Parked							
Illegally Parked/Unattended							
Other	2						2
Not Reported							
Unknown						1	1
Total	33	26	59	20		2	140

Intersection of IA 141/IOWA 141 & NW 54TH AVE
 City of Grimes, Polk County, Iowa from 2009-2013
 Composite Rank=204 Frequency Rank=33 Rate Rank=9954 Severity Rank=772

Driver Contributing Circumstances of Drivers by Severity Intersection of IA 141/IOWA 141 & NW 54TH AVE City of Grimes, Polk County, Iowa from 2009-2013						
Driver Contributing Circumstances	Severity					Total
	Fatal	Major Injury	Minor Injury	Possible/ Unknown Injury	Property Damage	
Ran Traffic Signal			1	1	2	4
Ran Stop Sign						
Exceeded Authorized Speed						
Driving Too Fast For Conditions				1	2	3
Made Improper Turn				1		1
Traveling Wrong Way or On Wrong Side Of Road						
Crossed Centerline					1	1
Lost Control			1		2	3
Followed Too Close			1	1	16	18
Swerved To Avoid: Vehicle/Object/Non-motorist/or Animal					1	1
Over Correcting/Over Steering						
Operating Vehicle in an			1		4	5
FTYROW: From Stop Sign						
FTYROW: From Yield Sign						
FTYROW: Making Left Turn		1				1
FTYROW: Making Right Turn On Red Signal						
FTYROW: From Driveway						
FTYROW: From Parked Position						
FTYROW: To Pedestrian						
FTYROW: At Uncontrolled Intersection						
FTYROW: Other				1	1	2
Inattentive/Distracted By: Passenger					2	2
Inattentive/Distracted By: Use of Phone or Other Device						
Inattentive/Distracted By: Fallen Object					1	1
Inattentive/Distracted By:Fatigued/Asleep						
Other: Vision Obstructed					1	1
Other Improper Action				8	13	21
No Improper Action		1	5	12	56	74
Not Reported						
Unknown					2	2
Total		2	9	25	104	140

Intersection of IA 141/IOWA 141 & NW 54TH AVE
 City of Grimes, Polk County, Iowa from 2009-2013
 Composite Rank=204 Frequency Rank=33 Rate Rank=9954 Severity Rank=772

Driver Age of All Crashes by Year						
Intersection of IA 141/IOWA 141 & NW 54TH AVE						
City of Grimes, Polk County, Iowa from 2009-2013						
Driver Age	Year					Total
	2009	2010	2011	2012	2013	
< 14						
= 14						
= 15						
= 16	1		1			2
= 17				1	1	2
= 18	2			1		3
= 19					1	1
= 20	1	1		1		3
21-24	2	6			5	13
25-29	1	2	2	2	7	14
30-34	1		2		3	6
35-39	5	4	4	4	3	20
40-44	3	4	5	2	4	18
45-49	3	1	1	3	4	12
50-54		4		1	9	14
55-59	3	5	1	4	2	15
60-64				1	3	4
65-69	2			1	2	5
70-74		1			2	3
75-79					2	2
80-84	1					1
85-89						
90-94						
> 95						
Not Reported						
Unknown	1	1				2
Total	26	29	16	21	48	140

Intersection of IA 141/IOWA 141 & NW 54TH AVE
 City of Grimes, Polk County, Iowa from 2009-2013
 Composite Rank=204 Frequency Rank=33 Rate Rank=9954 Severity Rank=772

Vehicle Configuration of Drivers Involved in Crashes by Year Intersection of IA 141/IOWA 141 & NW 54TH AVE City of Grimes, Polk County, Iowa from 2009-2013						
Vehicle Configuration	Year					Total
	2009	2010	2011	2012	2013	
Passenger Car	12	15	6	9	20	62
Four-tire Light Truck (Pick-up/Panel)	4	5	2	1	9	21
Van or Mini-van	3	1	1	3	5	13
Sport Utility Vehicle	5	3	6	8	10	32
Single-unit Truck (2-axle/6-tire)		1				1
Single-unit Truck (>= 3 axle)					1	1
Truck/Trailer		1				1
Truck Tractor (Bobtail)		1				1
Tractor/Semi-trailer		1	1		2	4
Tractor/Doubles						
Tractor/Triples						
Other Heavy Truck (cannot classify)						
Motor Home/Recreational Vehicle						
Motorcycle	1				1	2
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				2
Total	26	29	16	21	48	140

Disclaimer:

The information contained in this report was derived from the December 15, 2014 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, 515.239.1428).

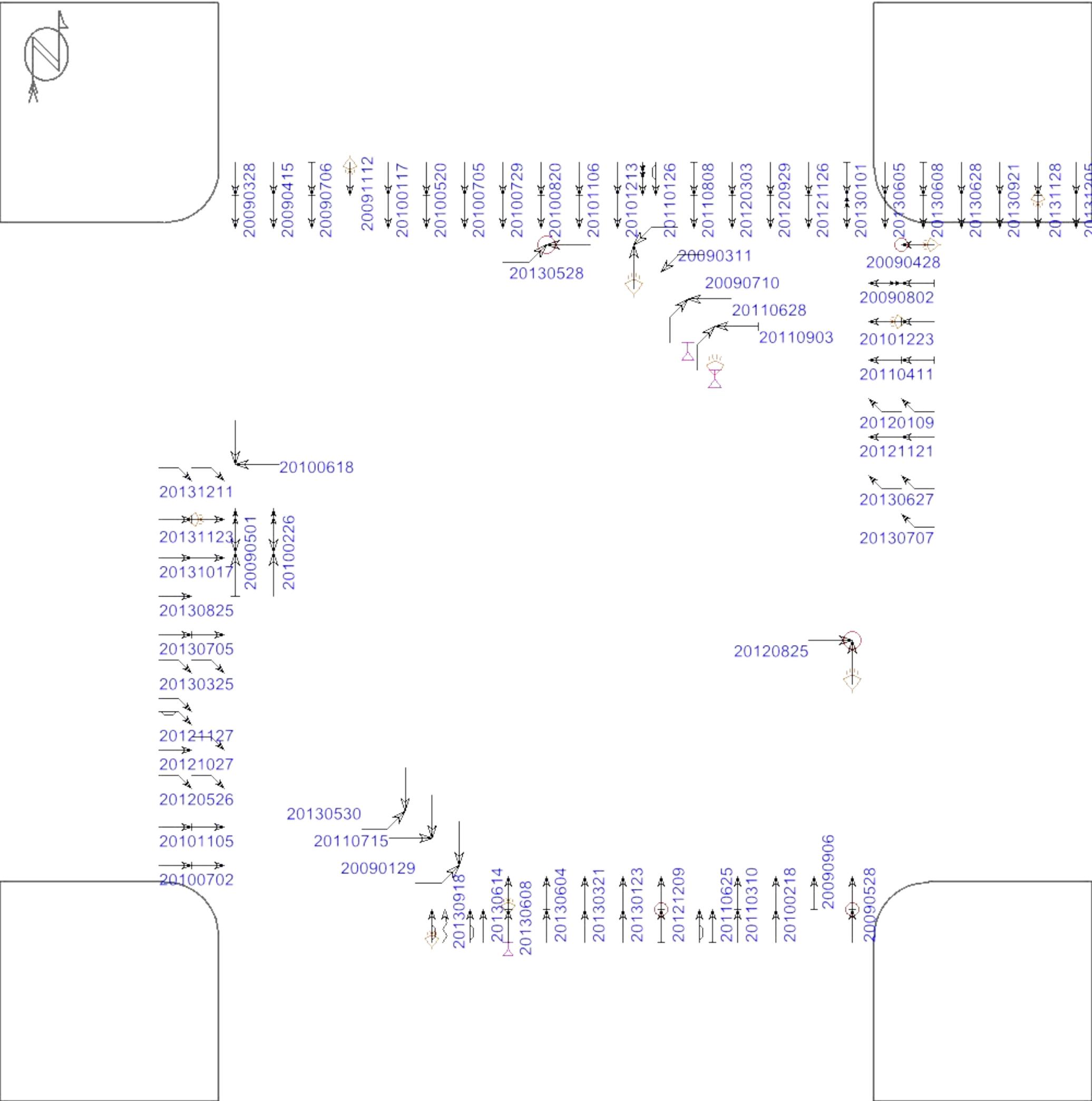


IOWA STATE
UNIVERSITY



IA 141 & NW 54th Ave

2009 - 2013 Reportable Crashes



(1) crashes could not be placed in this schematic

- | | | | |
|--|--|---|---|
| <ul style="list-style-type: none"> → Straight → Stopped → Unknown ←→ Backing →← Overtaking →↔ Sideswipe | <ul style="list-style-type: none"> ▭ Parked →~ Erratic →~ Out of control → Right turn → Left turn → U-turn | <ul style="list-style-type: none"> × Pedestrian → Bicycle ○ Injury ◎ Fatality ☀ Nighttime ☹ DUI | <p>Fixed objects:</p> <ul style="list-style-type: none"> □ General ▣ Signal ▣ Tree ▣ Pole ▣ Curb ▣ Animal |
|--|--|---|---|