

Intersection of US 151/DUBUQUE RD & IA 13/IOWA 13 & 10TH AVE
 City of Marion, Linn County, Iowa from 2009-2013
 Composite Rank=239 Frequency Rank=23 Rate Rank=4405 Severity Rank=1141

Severity of All Crashes by Year						
Intersection of US 151/DUBUQUE RD & IA 13/IOWA 13 & 10TH AVE						
City of Marion, Linn County, Iowa from 2009-2013						
Severity	Year					Total
	2009	2010	2011	2012	2013	
Fatal						
Major Injury						
Minor Injury	2			3	2	7
Possible/Unknown Injury	6	3	2	4	1	16
Property Damage Only	14	7	7	10	10	48
Total	22	10	9	17	13	71
Fatal						
Major Injury						
Minor Injury	4			3	3	10
Possible Injury	7	4	2	7	2	22
Unknown Injury						
Total Injuries	11	4	2	10	5	32
Estimated Property Damage (thousands of \$)	86,841	85,650	54,300	87,755	68,100	382,646
Total Vehicles	46	20	19	36	26	147

Injury Severity

Time of Day of All Crashes by Day of Week								
Intersection of US 151/DUBUQUE RD & IA 13/IOWA 13 & 10TH AVE								
City of Marion, Linn 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			1					1
3:00 AM–3:59 AM								
4:00 AM–4:59 AM								
5:00 AM–5:59 AM		2						2
6:00 AM–6:59 AM			1					1
7:00 AM–7:59 AM				1	1			2
8:00 AM–8:59 AM			1	1				2
9:00 AM–9:59 AM	2	1				1		4
10:00 AM–10:59 AM	1			2			1	4
11:00 AM–11:59 AM			1	1			1	3
Noon–12:59 PM	1			1	2			4
1:00 PM–1:59 PM	1				1	2		4
2:00 PM–2:59 PM	2	1		1		2	1	7
3:00 PM–3:59 PM		3		1	1	2		7
4:00 PM–4:59 PM			3		1	3		7
5:00 PM–5:59 PM		1	2	1	1	3	2	10
6:00 PM–6:59 PM	1				1	1	1	4
7:00 PM–7:59 PM		1						1
8:00 PM–8:59 PM								
9:00 PM–9:59 PM		1	1		1	1	1	5
10:00 PM–10:59 PM				1		2		3
11:00 PM–11:59 PM								
Total	8	10	10	10	9	17	7	71

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Major Cause of All Crashes by Severity Intersection of US 151/DUBUQUE RD & IA 13/IOWA 13 & 10TH AVE City of Marion, Linn County, Iowa from 2009-2013						
Major Cause	Severity					Total
	Fatal	Major Injury	Minor Injury	Possible/ Unknown Injury	Property Damage	
Animal						
Ran Traffic Signal			1	3	5	9
Ran Stop Sign						
Crossed Centerline					1	1
FTYROW:At Uncontrolled Intersection						
FTYROW:Making Right Turn on Red Signal						
FTYROW:From Stop Sign						
FTYROW:From Yield Sign						
FTYROW:Making Left Turn			2	4	13	19
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	3	4
Exceeded Authorized Speed						
Made Improper Turn						
Improper Lane Change						
Followed Too Close			1	3	5	9
Disregarded RR Signal						
Disregarded Warning Sign						
Erratic/Reckless/Careless/Negligent/Aggressive					2	2
Improper Backing						
Illegally Parked/Unattended						
Swerving/Evasive Action			1			1
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					3	3
Inattentive/Distracted by:Passenger						
Inattentive/Distracted by:Phone/Device				1		1
Inattentive/Distracted by:Fallen Object					2	2
Inattentive/Distracted by:Fatigued/Asleep				1		1
Other:Vision Obstructed						
Oversized Load/Vehicle						
Cargo/Equipment Loss or Shift						
Other Improper Action			2	2	12	16
Unknown						
No Improper Action					1	1
Not Reported						
Total			7	16	48	71

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Manner of Collision of Crashes by Year						
Intersection of US 151/DUBUQUE RD & IA 13/IOWA 13 & 10TH AVE						
City of Marion, Linn County, Iowa from 2009-2013						
Manner of Collision	Year					Total
	2009	2010	2011	2012	2013	
Non-Collision	1	1		1		3
Head-on	1					1
Rear-end	12	2	4	8	6	32
Angle, oncoming left turn	3	3	3	3	3	15
Broadside	3	3	1	4	1	12
Sideswipe, same direction	2	1	1	1	2	7
Sideswipe, opposite direction					1	1
Unknown						
Not Reported						
Total	22	10	9	17	13	71

Weather Condition of Crashes by Year						
Intersection of US 151/DUBUQUE RD & IA 13/IOWA 13 & 10TH AVE						
City of Marion, Linn County, Iowa from 2009-2013						
Weather Condition	Year					Total
	2009	2010	2011	2012	2013	
Clear	9	3	5	9	5	31
Partly Cloudy	4	2	2	3	5	16
Cloudy	5	2	2	3	2	14
Fog/Smoke						
Mist					1	1
Rain	1	1		1		3
Sleet/Hail/Freezing Rain	1					1
Snow	2	2		1		5
Severe Winds						
Blowing Sand/Soil/Dirt/Snow						
Not Reported						
Other						
Unknown						
Total	22	10	9	17	13	71

Surface Condition of Crashes by Year						
Intersection of US 151/DUBUQUE RD & IA 13/IOWA 13 & 10TH AVE						
City of Marion, Linn County, Iowa from 2009-2013						
Surface Condition	Year					Total
	2009	2010	2011	2012	2013	
Dry	14	6	8	12	11	51
Wet	4	2		2	2	10
Ice				2		2
Snow	4	2	1	1		8
Slush						
Sand/Mud/Dirt/Oil/Gravel						
Water (Standing/Moving)						
Other						
Unknown						
Not Reported						
Total	22	10	9	17	13	71

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Drug or Alcohol Related Crashes by Year Intersection of US 151/DUBUQUE RD & IA 13/IOWA 13 & 10TH AVE City of Marion, Linn County, Iowa from 2009-2013						
Drug/Alcohol	Year					Total
	2009	2010	2011	2012	2013	
Drug						
Alcohol (<Statutory)						
Alcohol (Statutory)	1					1
Drug/Alcohol (<Statutory)						
Drug/Alcohol (Statutory)						
Refused						
Under Influence of Alcohol/Drugs/Medications						
None Indicated	21	10	9	17	13	70
Total	22	10	9	17	13	71

Vehicle Action of Drivers Involved in Crashes by Initial Direction of Travel Intersection of US 151/DUBUQUE RD & IA 13/IOWA 13 & 10TH AVE City of Marion, Linn County, Iowa from 2009-2013							
Vehicle Action	Initial Direction of Travel						Total
	North	East	South	West	Unknown	Not Reported	
Movement Essentially Straight	14	9	20	13			56
Turning Left	12	6	7	6			31
Turning Right	10	1	6				17
Making U-turn							
Overtake/Passing							
Changing Lanes		1	1	2			4
Entering Traffic Lane (Merging)							
Leaving Traffic Lane							
Backing							
Slowing/Stopping	4	4	2	3			13
Stopped for Stop Sign/Signal	2	9	6	8			25
Legally Parked							
Illegally Parked/Unattended							
Other	1						1
Not Reported							
Unknown							
Total	43	30	42	32			147

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Driver Contributing Circumstances of Drivers by Severity						
Intersection of US 151/DUBUQUE RD & IA 13/IOWA 13 & 10TH AVE						
City of Marion, Linn County, Iowa from 2009-2013						
Driver Contributing Circumstances	Severity					Total
	Fatal	Major Injury	Minor Injury	Possible/ Unknown Injury	Property Damage	
Ran Traffic Signal			1	3	5	9
Ran Stop Sign						
Exceeded Authorized Speed					1	1
Driving Too Fast For Conditions				1	4	5
Made Improper Turn						
Traveling Wrong Way or On Wrong Side Of Road						
Crossed Centerline						
Lost Control					3	3
Followed Too Close			1	3	5	9
Swerved To Avoid: Vehicle/Object/Non-motorist/or Animal			1			1
Over Correcting/Over Steering						
Operating Vehicle in an					2	2
FTYROW: From Stop Sign						
FTYROW: From Yield Sign						
FTYROW: Making Left Turn			2	4	12	18
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						
Inattentive/Distracted By: Use of Phone or Other Device				1		1
Inattentive/Distracted By: Fallen Object					2	2
Inattentive/Distracted By:Fatigued/Asleep				1		1
Other: Vision Obstructed						
Other Improper Action			2	3	13	18
No Improper Action			5	18	50	73
Not Reported						
Unknown					2	2
Total			12	35	100	147

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Driver Age of All Crashes by Year						
Intersection of US 151/DUBUQUE RD & IA 13/IOWA 13 & 10TH AVE						
City of Marion, Linn County, Iowa from 2009-2013						
Driver Age	Year					Total
	2009	2010	2011	2012	2013	
< 14						
= 14						
= 15						
= 16	1			1		2
= 17	2		1			3
= 18	1	1	2	2	2	8
= 19	1					1
= 20				2	1	3
21-24		3	1	8	2	14
25-29	5	1	1	3	1	11
30-34	5	3	1	3	2	14
35-39	6	3	2	2	4	17
40-44	3	2	1	2		8
45-49	2	3	3		4	12
50-54	5	1	3	2	1	12
55-59	5		2	2	3	12
60-64	3	1	1	3	1	9
65-69	2	1		1	1	5
70-74		1	1		1	3
75-79	2			1		3
80-84	2			1	3	6
85-89						
90-94						
> 95						
Not Reported						
Unknown	1			3		4
Total	46	20	19	36	26	147

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Vehicle Configuration of Drivers Involved in Crashes by Year						
Intersection of US 151/DUBUQUE RD & IA 13/IOWA 13 & 10TH AVE						
City of Marion, Linn County, Iowa from 2009-2013						
Vehicle Configuration	Year					Total
	2009	2010	2011	2012	2013	
Passenger Car	27	7	10	23	16	83
Four-tire Light Truck (Pick-up/Panel)	7	5	1	4	6	23
Van or Mini-van	3	3		2	2	10
Sport Utility Vehicle	7	2	3	2	1	15
Single-unit Truck (2-axle/6-tire)		1	1	1		3
Single-unit Truck (>= 3 axle)						
Truck/Trailer			1			1
Truck Tractor (Bobtail)						
Tractor/Semi-trailer	1	2	3	1	1	8
Tractor/Doubles				1		1
Tractor/Triples						
Other Heavy Truck (cannot classify)						
Motor Home/Recreational Vehicle	1					1
Motorcycle				2		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						
Total	46	20	19	36	26	147

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).

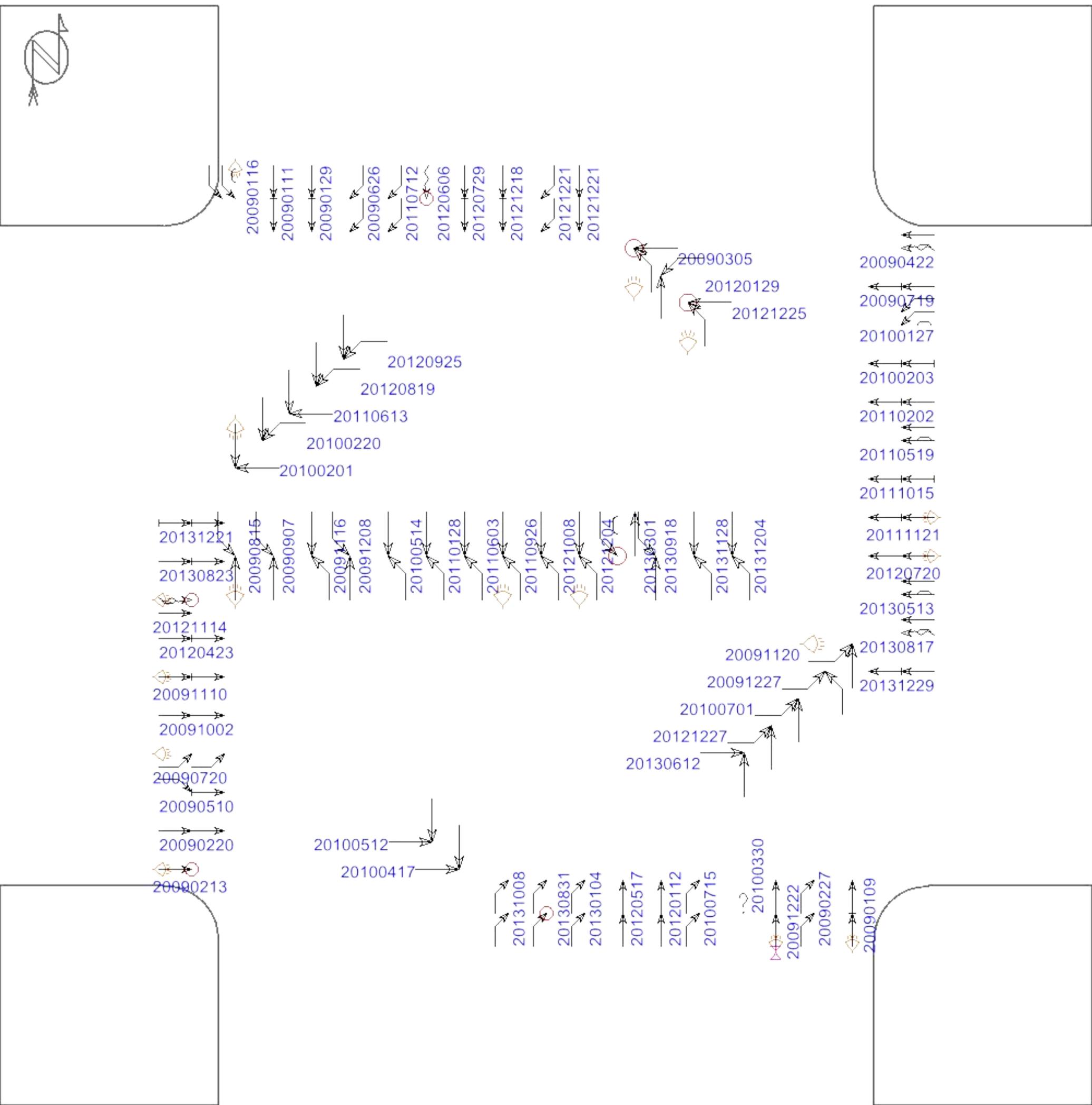


IOWA STATE
UNIVERSITY



US 151/Dubuque Rd. & IA 13

2009 - 2013 Reportable Crashes



(0) 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 |
|--|--|---|--|
-
- | |
|---------------|
| ◁ 3rd vehicle |
| * Extra data |