

# CHAPTER 6.8.3: CITY OF LORENA

The City of Lorena is on I-35, approximately 13 miles southwest of Waco in south McLennan County. The city has an estimated population of 1,785 according to the 2020 census.

This section provides information on the City of Lorena's collision statistics from 2014 to 2023. A total of eight injury collisions occurred on Lorena streets in the last ten years. TxDOT roadways within Lorena city limits observed 143 injury collisions during the same period, with five fatalities and 17 serious injuries.

The following summary provides information on the number of collisions, persons injured, and the proportion of persons involved in collisions based on mode of transportation, age group, and gender. It also draws comparisons between collisions on Lorena city streets, TxDOT facilities, and McLennan County across various categories.

On Lorena city streets, there were a total of eight collisions, resulting in ten persons injured. In comparison, TxDOT facilities reported a total of 143 collisions, resulting in 223 persons injured within Lorena city limits.

This section also identifies several major collision trends on Lorena city streets, including hit object collisions, broadside collisions, and collisions due to unsafe speeds. On TxDOT roadways, the prominent trends were hit object collisions, rear end collisions, and, unsafe speed violations.

The pie charts below compare the severity of collisions on roadways with different speed limits. The charts indicate that roads with a 70 mph speed limit accounted for the highest proportion of KSI collisions.

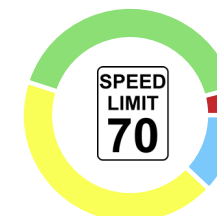
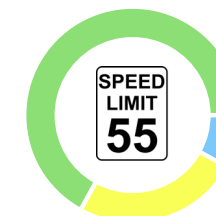
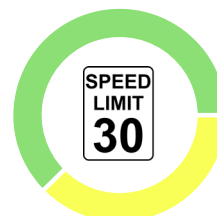
<b>CITY</b>	<b>TxDOT</b>
8	143
<b>TOTAL COLLISIONS</b>	<b>TOTAL COLLISIONS</b>
10	223
<b>TOTAL PERSONS INJURED</b>	<b>TOTAL PERSONS INJURED</b>

PERSONS INVOLVED								
	CITY				TxDOT			
	MODE							
Bicycle	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
Car	0 %	0 %	30 %	70 %	3 %	8 %	34 %	47 %
Motorcycle	0 %	0 %	0 %	0 %	0 %	0 %	2 %	0 %
Pedestrian	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
Truck	0 %	0 %	0 %	0 %	0 %	1 %	4 %	1 %
AGE								
Below 15	0 %	0 %	0 %	0 %	0 %	0 %	4 %	9 %
15 - 65	0 %	0 %	30 %	70 %	2 %	9 %	33 %	34 %
Above 65	0 %	0 %	0 %	0 %	1 %	0 %	3 %	4 %
GENDER								
Male	0 %	0 %	30 %	40 %	3 %	5 %	18 %	23 %
Female	0 %	0 %	0 %	30 %	0 %	4 %	22 %	25 %

## CITY OF LORENA VS. McLENNAN COUNTY COLLISIONS - RELATIVE SHARES

CITY	TxDOT	McLENNAN COUNTY
SEVERITY		
Fatal Injury	0 %	Fatal Injury 4 %
Serious Injury	0 %	Serious Injury 12 %
Minor Injury	38 %	Minor Injury 41 %
Possible Injury	62 %	Possible Injury 43 %
MODE		
Bicycle	0 %	Bicycle 0 %
Car	100 %	Car 76 %
Motorcycle	0 %	Motorcycle 3 %
Pedestrian	0 %	Pedestrian 1 %
Truck	0 %	Truck 20 %
FIRST HARMFUL EVENT		
Motor Vehicle in Transport	50 %	Motor Vehicle in Transport 57 %
Fixed Object	38 %	Fixed Object 31 %
Overtaken	13 %	Overtaken 8 %
MANNER OF COLLISION		
Hit Object	50 %	Hit Object 43 %
Broadside	38 %	Broadside 42 %
Head on	13 %	Head on 28 %
CONTRIBUTING FACTORS		
Unsafe Speed	25 %	Unsafe Speed 48 %
Automobile Right-of-way	25 %	Automobile Right-of-way 22 %
Driving/ Bicycling under Influence	13 %	Driving/ Bicycling under Influence 12 %
LOCATION		
Intersection	38 %	Intersection 6 %
Roadway	62 %	Roadway 94 %
LIGHTING		
Daylight	75 %	Daylight 62 %
Dark, Not Lighted	25 %	Dark, Not Lighted 18 %
		Dark, Lighted 15 %
		Dark, Not Lighted 11 %

### SPEED LIMIT

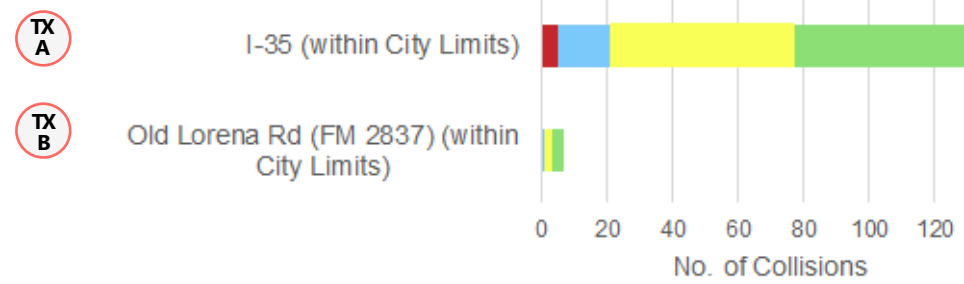


- Fatal Injury
- Serious Injury
- Minor Injury
- Possible Injury

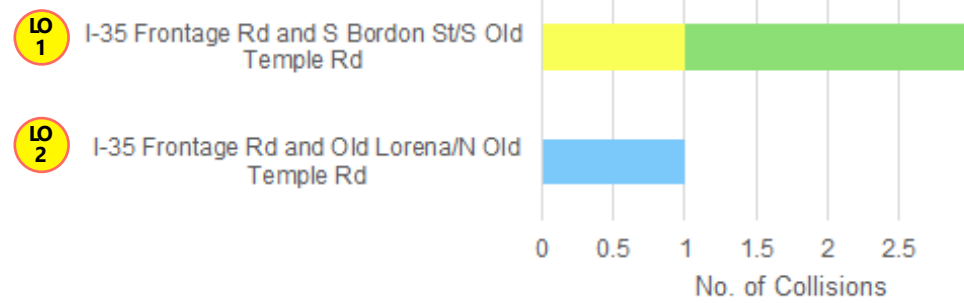
### ROADWAYS & INTERSECTIONS

This section lists high risk roadway segments and intersections within the City of Lorena. The accompanying graph depicts the name and limits of each roadway along with the number of collisions categorized by severity at that location. A severity index methodology was utilized to identify these high risk spots. This methodology assigns 3 points for each fatal or severe injury collision, 2 points for each minor injury collision, and 1 point for each possible injury collision.

#### ROADWAYS



#### INTERSECTIONS



■ FATAL INJURY ■ SERIOUS INJURY ■ MINOR INJURY ■ POSSIBLE INJURY



**LEGEND**

- LO 1 High Injury Network - Intersections
- TX A TxDot Roadways
- High Injury Network - City & TxDOT
- McLennan County Limit
- Other Roads
- Schools
- Parks
- City of Lorena Boundary