

Intersection Ranking Report

Region 5 - GLSPDC

Report Module: Safety Management Analysis

Today's Date: Thursday, August 22, 2024

Dates: 1/1/2021 to 12/31/2023

Animal Crashes: Excluded

Radius: 500 feet

Sort Order: Total Crashes, Total Fatal Crashes

Limited to Top: 10 Intersections

TCPDO: Typical cost of a Property Damage Only accident. \$2,000.00
 TCIA: Typical cost of an Injury Accident. \$180,000.00
 TCFA: Typical cost of a Fatal Accident. \$2,600,000.00

Type A: Number of crashes involving Incapacitating Injury

Type B: Number of crashes involving Non-Incapacitating Injury

Type C: Number of crashes involving Possible Injury

PDO: Number of crashes involving Property Damage Only

Fatal: Number of crashes involving fatalities, not the number of fatalities.

EPDO: Number of Equivalent Property Damage Only crashes. $EPDO = PDO + (Injury \times (TCIA / TCPDO)) + (Fatal \times (TCFA / TCPDO))$

Modified EPDO: Number of Modified EPDO crashes. $Modified\ EPDO = PDO + [(Injury + Fatal) \times ((TCIA + TCFA) / TCPDO)]$

MEV: Million Entering Vehicles, million vehicles entering intersection annually. $MEV = (AADT \times Days\ in\ Report\ Period / 1,000,000)$

Crash Rate: Number of Crashes / MEV

Injury Rate: Injury / MEV

Fatality Rate: Fatal / MEV

EPDO Rate: EPDO / MEV

Modified EPDO Rate: Modified EPDO / MEV

Report Filter

Field Name	Operator	Value(s)
Drinking a Factor	=	No

* An asterisk preceding the Intersection Name indicates incomplete AADT information for that intersection.

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Run by kgarris
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Intersection Related	=	Yes
Year of Crash	>=	2021
ROAD: County	=	Genesee
ROAD: City/Twp	=	Linden

* An asterisk preceding the Intersection Name indicates incomplete AADT information for that intersection.

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Intersection Name	Total Crashes	Fatal	Type A	Type B+C	PDO	EPDO	Modified EPDO	AADT	MEV	Rate per MEV				City or Township	County	
										Crash	Injury	Fatality	EPDO			
Bridge St & E Broad St & W Broad St	14	0	0	1	13	103	1,403	136005	148.789	0.094	0.000	0.000	0.692	9.429	Linden	Genesee
Bridge St & Hickory St	11	0	0	1	10	100	1,400	11628	12.721	0.865	0.000	0.000	7.861	110.054	Linden	Genesee
* Tickner St & Wolmar St & Bridge St	10	0	0	1	9	99	1,399	0	0.000	0.000	0.000	0.000	0.000	0.000	Linden	Genesee
* Main St & E Broad St	6	0	0	0	6	6	6	0	0.000	0.000	0.000	0.000	0.000	0.000	Linden	Genesee
* Hyatt Ln & W Broad St	6	0	0	2	4	184	2,784	0	0.000	0.000	0.000	0.000	0.000	0.000	Linden	Genesee
* Hickory St & Main St	5	0	0	0	5	5	5	0	0.000	0.000	0.000	0.000	0.000	0.000	Linden	Genesee
* W Broad St & Walmar St	4	0	0	0	4	4	4	0	0.000	0.000	0.000	0.000	0.000	0.000	Linden	Genesee
* Main St & Maple Dr	3	0	0	0	3	3	3	0	0.000	0.000	0.000	0.000	0.000	0.000	Linden	Genesee
Bridge St & E Rolston Rd	2	0	0	0	2	2	2	11788	12.896	0.155	0.000	0.000	0.155	0.155	Linden	Genesee
* Ripley Rd & E Rolston Rd	2	0	0	0	2	2	2	0	0.000	0.000	0.000	0.000	0.000	0.000	Linden	Genesee

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