

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	=	Montrose

* 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			
* S Genesee St & N Genesee St & W State St	5	0	1	1	3	183	2,783	0	0.000	0.000	0.000	0.000	0.000	0.000	Montrose	Genesee
* E State St & W State St & N Saginaw St & S Saginaw St	4	0	1	1	2	182	2,782	0	0.000	0.000	0.000	0.000	0.000	0.000	Montrose	Genesee
* Washington & E State St	4	0	1	1	2	182	2,782	0	0.000	0.000	0.000	0.000	0.000	0.000	Montrose	Genesee
* Nanita St & E State St	2	0	1	0	1	91	1,391	0	0.000	0.000	0.000	0.000	0.000	0.000	Montrose	Genesee
* Feher Dr & Nanita/Feher Cutoff	2	0	0	0	2	2	2	0	0.000	0.000	0.000	0.000	0.000	0.000	Montrose	Genesee
* Grafton & W State St	1	0	0	0	1	1	1	0	0.000	0.000	0.000	0.000	0.000	0.000	Montrose	Genesee
* Nanita St & Feher Dr	1	0	0	0	1	1	1	0	0.000	0.000	0.000	0.000	0.000	0.000	Montrose	Genesee
* Lincoln & E State St	1	0	0	0	1	1	1	0	0.000	0.000	0.000	0.000	0.000	0.000	Montrose	Genesee
* Hickory St & N Genesee St	1	0	0	0	1	1	1	0	0.000	0.000	0.000	0.000	0.000	0.000	Montrose	Genesee
* Russell & N Genesee St	1	0	0	0	1	1	1	0	0.000	0.000	0.000	0.000	0.000	0.000	Montrose	Genesee

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