

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)
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Drinking a Factor	=	No
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* An asterisk preceding the Intersection Name indicates incomplete AADT information for that intersection.

8/22/2024 9:00:10 AM

Roadsoft Version 2024.3

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

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Intersection Ranking Report

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			
* W Pierson Rd & Sheridan Ave	6	0	0	3	3	273	4,173	0	0.000	0.000	0.000	0.000	0.000	0.000	Hazelton Twp	Shiawassee
N Seymour Rd & W Mount Morris Rd	5	0	1	1	3	183	2,783	6022	6.588	0.759	0.152	0.000	27.778	422.435	Flushing Twp	Genesee
* Juddville Rd & Sheridan Ave	5	0	0	2	3	183	2,783	0	0.000	0.000	0.000	0.000	0.000	0.000	Hazelton Twp	Shiawassee
W Mount Morris Rd & N McKinley Rd	4	0	0	1	3	93	1,393	6780	7.417	0.539	0.000	0.000	12.539	187.812	Flushing Twp	Genesee
* Row Ln & W Mount Morris Rd	4	0	1	0	3	93	1,393	0	0.000	0.000	0.000	0.000	0.000	0.000	Flushing Twp	Genesee
* N Seymour Rd & Stanley Rd	4	0	0	1	3	93	1,393	0	0.000	0.000	0.000	0.000	0.000	0.000	Flushing Twp	Genesee
* Sheridan Ave & W Mount Morris Rd	4	0	0	1	3	93	1,393	0	0.000	0.000	0.000	0.000	0.000	0.000	Hazelton Twp	Shiawassee
* Meadowbrook Ln & Carpenter Rd	4	0	0	0	4	4	4	0	0.000	0.000	0.000	0.000	0.000	0.000	Flushing Twp	Genesee
* Johnson Rd & Stanley Rd	3	0	0	1	2	92	1,392	0	0.000	0.000	0.000	0.000	0.000	0.000	Flushing Twp	Genesee
* Carpenter Rd & N Elms Rd	3	0	0	1	2	92	1,392	0	0.000	0.000	0.000	0.000	0.000	0.000	Flushing Twp	Genesee

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