

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.

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Run by kgarris
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Intersection Related	=	Yes
Year of Crash	>=	2021
ROAD: County	=	Genesee
ROAD: City/Twp	=	Mt Morris 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	Modified EPDO		
N Linden Rd & W Pierson Rd	47	0	1	13	33	1,293	19,493	36147	39.545	1.189	0.025	0.000	32.697	492.932	Mt Morris Twp	Genesee
N Jennings Rd & W Pierson Rd	18	0	1	8	9	819	12,519	22550	24.670	0.730	0.041	0.000	33.198	507.458	Mt Morris Twp	Genesee
Clio Rd & W Pierson Rd	17	0	0	7	10	640	9,740	32593	35.657	0.477	0.000	0.000	17.949	273.158	Mt Morris Twp	Genesee
* Pier North Pkwy & W Pierson Rd	16	0	0	3	13	283	4,183	0	0.000	0.000	0.000	0.000	0.000	0.000	Mt Morris Twp	Genesee
* Raywood St & W Pasadena Ave	15	1	0	3	11	1,581	5,571	0	0.000	0.000	0.000	0.000	0.000	0.000	Mt Morris Twp	Genesee
* W Pasadena Ave & Lavelle Rd	15	1	0	3	11	1,581	5,571	0	0.000	0.000	0.000	0.000	0.000	0.000	Mt Morris Twp	Genesee
Clio Rd & W Carpenter Rd	15	0	0	4	11	371	5,571	15924	17.421	0.861	0.000	0.000	21.296	319.786	Mt Morris Twp	Genesee
* Pierson/S I 75 RAMP & S I 75/Pierson RAMP & W Pierson Rd	15	0	0	3	12	282	4,182	0	0.000	0.000	0.000	0.000	0.000	0.000	Mt Morris Twp	Genesee
N Linden Rd & W Mount Morris Rd	14	0	0	2	12	192	2,792	11218	12.272	1.141	0.000	0.000	15.645	227.510	Mt Morris Twp	Genesee
* Dolan Dr & W Pierson Rd	14	0	0	3	11	281	4,181	0	0.000	0.000	0.000	0.000	0.000	0.000	Mt Morris Twp	Genesee

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