

# 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	=	Atlas 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			
* McCandlish Rd & Vassar Rd	13	0	0	3	10	280	4,180	0	0.000	0.000	0.000	0.000	0.000	0.000	Atlas Twp	Genesee
* Hegel Rd & Erie St & State Rd	11	0	1	1	9	189	2,789	0	0.000	0.000	0.000	0.000	0.000	0.000	Goodrich	Genesee
Hill Rd & S State Rd & State Rd	9	0	0	1	8	98	1,398	19112	20.909	0.430	0.000	0.000	4.687	66.861	Atlas Twp	Genesee
State Rd & Perry Rd	8	0	1	3	4	364	5,564	17699	19.363	0.413	0.052	0.000	18.799	287.352	Atlas Twp	Genesee
* Hegel Rd & State Rd	8	0	0	1	7	97	1,397	0	0.000	0.000	0.000	0.000	0.000	0.000	Goodrich	Genesee
Irish Rd & Perry Rd	7	0	0	2	5	185	2,785	9071	9.924	0.705	0.000	0.000	18.642	280.633	Atlas Twp	Genesee
Gale Rd & Hegel Rd & S Gale Rd	7	0	0	2	5	185	2,785	6527	7.141	0.980	0.000	0.000	25.907	390.001	Atlas Twp	Genesee
* Green Rd & State Rd	4	0	0	0	4	4	4	0	0.000	0.000	0.000	0.000	0.000	0.000	Goodrich	Genesee
Vassar Rd & Mancour Dr & Perry Rd	3	0	0	1	2	92	1,392	7659	8.379	0.358	0.000	0.000	10.980	166.130	Atlas Twp	Genesee
Gale Rd & Perry Rd & S Gale Rd	3	0	0	1	2	92	1,392	6604	7.225	0.415	0.000	0.000	12.734	192.664	Atlas Twp	Genesee

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