

# 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	=	Argentine 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			
Seymour Rd & Silver Lake Rd	8	0	0	3	5	275	4,175	11849	12.963	0.617	0.000	0.000	21.214	322.071	Argentine Twp	Genesee
Duffield Rd & Silver Lake Rd	7	0	1	3	3	363	5,563	5318	5.818	1.203	0.172	0.000	62.393	956.171	Argentine Twp	Genesee
* Moran Dr & Silver Lake Rd	7	0	0	3	4	274	4,174	0	0.000	0.000	0.000	0.000	0.000	0.000	Argentine Twp	Genesee
* Knobhill Dr & Silver Lake Rd	6	0	0	1	5	95	1,395	0	0.000	0.000	0.000	0.000	0.000	0.000	Argentine Twp	Genesee
Glen Hatt Dr & Silver Lake Rd	6	0	0	1	5	95	1,395	8402	9.192	0.653	0.000	0.000	10.335	151.762	Argentine Twp	Genesee
Seymour Rd & Silver Lake Rd	6	0	0	1	5	95	1,395	9969	10.906	0.550	0.000	0.000	8.711	127.911	Argentine Twp	Genesee
* Buxton St & Seymour Rd	4	0	0	0	4	4	4	0	0.000	0.000	0.000	0.000	0.000	0.000	Argentine Twp	Genesee
* Harper St & Seymour Rd	4	0	0	0	4	4	4	0	0.000	0.000	0.000	0.000	0.000	0.000	Argentine Twp	Genesee
* Glen Hatt Dr & Lobdell Rd	3	0	0	0	3	3	3	0	0.000	0.000	0.000	0.000	0.000	0.000	Argentine Twp	Genesee
Lobdell Rd & Silver Lake Rd	2	0	0	0	2	2	2	8281	9.059	0.221	0.000	0.000	0.221	0.221	Argentine Twp	Genesee

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