

# 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.

8/22/2024 9:02:30 AM

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Run by kgarris  
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Intersection Related	=	Yes
Year of Crash	>=	2021
ROAD: County	=	Genesee
ROAD: City/Twp	=	Richfield 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			
* N State Rd & E Richfield Rd	23	0	1	10	12	1,002	15,302	0	0.000	0.000	0.000	0.000	0.000	0.000	Richfield Twp	Genesee
E Richfield Rd & N Irish Rd	16	0	0	5	11	461	6,961	12636	13.824	1.157	0.000	0.000	33.348	503.545	Richfield Twp	Genesee
* E Coldwater Rd & N State Rd	14	0	1	8	5	815	12,515	0	0.000	0.000	0.000	0.000	0.000	0.000	Richfield Twp	Genesee
E Mount Morris Rd & N Irish Rd	11	0	0	3	8	278	4,178	6174	6.754	1.629	0.000	0.000	41.161	618.596	Richfield Twp	Genesee
* Austin Drain & N State Rd & E Potter Rd	9	0	1	1	7	187	2,787	0	0.000	0.000	0.000	0.000	0.000	0.000	Richfield Twp	Genesee
State Rd & N State Rd & E Mount Morris Rd	6	0	0	3	3	273	4,173	9203	10.068	0.596	0.000	0.000	27.116	414.482	Richfield Twp	Genesee
* E Potter Rd & N Irish Rd	5	1	0	1	3	1,393	2,783	0	0.000	0.000	0.000	0.000	0.000	0.000	Richfield Twp	Genesee
State Rd & E Mount Morris Rd	5	0	0	0	5	5	5	9749	10.665	0.469	0.000	0.000	0.469	0.469	Richfield Twp	Genesee
N Irish Rd & E Coldwater Rd	4	0	0	1	3	93	1,393	7475	8.178	0.489	0.000	0.000	11.372	170.335	Richfield Twp	Genesee
* N State Rd & Harding Dr	4	0	0	2	2	182	2,782	0	0.000	0.000	0.000	0.000	0.000	0.000	Richfield Twp	Genesee

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