

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.

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Run by kgarris
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Intersection Related	=	Yes
Year of Crash	>=	2021
ROAD: County	=	Genesee
ROAD: City/Twp	=	Fenton 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			
Torrey Rd & W Thompson Rd	31	0	1	7	23	743	11,143	15374	16.819	1.843	0.059	0.000	44.176	662.525	Fenton Twp	Genesee
* Linden Rd & Lobdell Rd	24	0	0	3	21	291	4,191	0	0.000	0.000	0.000	0.000	0.000	0.000	Fenton Twp	Genesee
* Linden Rd & Thompson Rd	15	0	0	2	13	193	2,793	0	0.000	0.000	0.000	0.000	0.000	0.000	Fenton Twp	Genesee
* Linden Rd & Thompson Rd	14	0	0	2	12	192	2,792	0	0.000	0.000	0.000	0.000	0.000	0.000	Fenton Twp	Genesee
Linden Rd & Owen Rd	12	0	1	2	9	279	4,179	10541	11.532	1.041	0.087	0.000	24.194	362.383	Fenton Twp	Genesee
N Fenton Rd & W Thompson Rd	9	0	1	0	8	98	1,398	11244	12.301	0.732	0.081	0.000	7.967	113.649	Fenton Twp	Genesee
* S I 75/Thompson RAMP & Thompson/S I 75 RAMP & W Thompson Rd	7	0	0	1	6	96	1,396	0	0.000	0.000	0.000	0.000	0.000	0.000	Fenton Twp	Genesee
* Torrey Rd & N Long Lake Rd	7	0	0	2	5	185	2,785	0	0.000	0.000	0.000	0.000	0.000	0.000	Fenton Twp	Genesee
* N I 75/Thompson RAMP & Thompson/N I 75 RAMP & W Thompson Rd	6	0	0	0	6	6	6	0	0.000	0.000	0.000	0.000	0.000	0.000	Fenton Twp	Genesee
* Whittaker Rd & Owen Rd	6	0	1	0	5	95	1,395	0	0.000	0.000	0.000	0.000	0.000	0.000	Fenton Twp	Genesee

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