

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.

8/22/2024 9:03:17 AM

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Run by kgarris
Page 1 of 3

Intersection Related	=	Yes
Year of Crash	>=	2021
ROAD: County	=	Genesee
ROAD: City/Twp	=	Flint 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			
Corunna Rd & S Linden Rd	74	0	1	6	67	697	9,797	52407	57.333	1.291	0.017	0.000	12.157	170.879	Flint Twp	Genesee
* Miller Rd & Miller/N I 75 RAMP & W I 69/ Miller RAMP	54	0	0	17	37	1,567	23,667	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
* Miller Rd & Austins Pkwy	53	0	0	16	37	1,477	22,277	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
Van Slyke Rd & W Bristol Rd	48	1	2	15	30	2,860	25,050	30448	33.310	1.441	0.060	0.030	85.860	752.026	Flint Twp	Genesee
* Corunna Rd & S I 75/Corunna RAMP	43	0	2	13	28	1,378	20,878	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
S Linden Rd & W Court St	39	0	0	13	26	1,196	18,096	28252	30.908	1.262	0.000	0.000	38.695	585.479	Flint Twp	Genesee
* Corunna Rd & Corunna/S I 75 RAMP	38	0	2	13	23	1,373	20,873	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
* Lowden Ln & Corunna Rd	38	0	0	13	25	1,195	18,095	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
* Corunna Rd & S Graham Rd	38	0	0	12	26	1,106	16,706	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee
* Corunna Rd & Kenova Dr	37	0	2	11	24	1,194	18,094	0	0.000	0.000	0.000	0.000	0.000	0.000	Flint Twp	Genesee

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