

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 9:02:52 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	=	Clayton Twp

* An asterisk preceding the Intersection Name indicates incomplete AADT information for that intersection.

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			
Lennon Rd & Seymour Rd	19	0	0	8	11	731	11,131	3195	3.495	5.436	0.000	0.000	209.156	3184.835	Clayton Twp	Genesee
Morrish Rd & Lennon Rd	11	0	0	5	6	456	6,956	7244	7.925	1.388	0.000	0.000	57.539	877.729	Clayton Twp	Genesee
* Morrish Rd & Corunna Rd & Morrish Rd S	11	0	0	5	6	456	6,956	0	0.000	0.000	0.000	0.000	0.000	0.000	Clayton Twp	Genesee
N Morrish Rd & Beecher Rd & Morrish Rd	10	0	0	6	4	544	8,344	4842	5.297	1.888	0.000	0.000	102.700	1575.231	Clayton Twp	Genesee
* Corunna Rd & S Seymour Rd	10	0	0	5	5	455	6,955	0	0.000	0.000	0.000	0.000	0.000	0.000	Clayton Twp	Genesee
Corunna Rd & S Seymour Rd & Seymour Rd	9	0	0	4	5	365	5,565	12304	13.461	0.669	0.000	0.000	27.115	413.417	Clayton Twp	Genesee
* Lennon Rd	7	0	0	4	3	363	5,563	0	0.000	0.000	0.000	0.000	0.000	0.000	Clayton Twp	Genesee
* Morrish Rd & Lennon Rd	7	0	0	4	3	363	5,563	0	0.000	0.000	0.000	0.000	0.000	0.000	Clayton Twp	Genesee
* Lennon Rd	7	0	0	4	3	363	5,563	0	0.000	0.000	0.000	0.000	0.000	0.000	Clayton Twp	Genesee
N Elms Rd & Beecher Rd	6	0	0	0	6	6	6	13640	14.922	0.402	0.000	0.000	0.402	0.402	Clayton Twp	Genesee

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8/22/2024 9:02:52 AM

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