

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	=	Theftord 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			
E Dodge Rd & N Dort Hwy	17	0	3	8	6	996	15,296	13281	14.529	1.170	0.206	0.000	68.553	1052.791	Thetford Twp	Genesee
E Dodge Rd & N Saginaw Rd	14	0	2	6	6	726	11,126	6544	7.159	1.956	0.279	0.000	101.411	1554.128	Thetford Twp	Genesee
N Bray Rd & E Vienna Rd	7	1	0	1	5	1,395	2,785	8751	9.574	0.731	0.000	0.104	145.707	290.892	Thetford Twp	Genesee
W Dodge Rd & N Saginaw Rd	7	0	1	4	2	452	6,952	7192	7.868	0.890	0.127	0.000	57.448	883.579	Vienna Twp	Genesee
* E Vienna Rd & N Lewis Rd	6	0	0	2	4	184	2,784	0	0.000	0.000	0.000	0.000	0.000	0.000	Thetford Twp	Genesee
* E Frances Rd & N Dort Hwy	6	0	0	2	4	184	2,784	0	0.000	0.000	0.000	0.000	0.000	0.000	Genesee Twp	Genesee
E Dodge Rd & N Lewis Rd	5	0	0	1	4	94	1,394	4458	4.877	1.025	0.000	0.000	19.274	285.831	Thetford Twp	Genesee
N Dort Hwy & N Saginaw Rd	4	0	0	1	3	93	1,393	14729	16.114	0.248	0.000	0.000	5.771	86.447	Thetford Twp	Genesee
E Dodge Rd & N Bray Rd	4	0	0	0	4	4	4	4261	4.662	0.858	0.000	0.000	0.858	0.858	Thetford Twp	Genesee
* E Wilson Rd & N Lewis Rd	3	0	0	1	2	92	1,392	0	0.000	0.000	0.000	0.000	0.000	0.000	Thetford Twp	Genesee

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