

# Intersection Ranking Report

## Region 5

**Report Module:** Safety Management Analysis

**Today's Date:** Friday, October 5, 2018

**Dates:** 1/1/2013 to 12/31/2017

**Animal Crashes:** Excluded

**Radius:** 500 feet

**Sort Order:** Total Crashes

**Limited to Top:** 10

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
Intersection Related	=	True
Year of Crash	>=	2013
ROAD: County	=	Genesee
ROAD: City/Twp	=	Clio

\* An asterisk preceding the intersection name indicates incomplete AADT information for that intersection.

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		Total Crashes					Modified EPDO					Rate per MEV	Modified EPDO	City or Township		
Intersection Name		Fatal	Type A	Type B+C	PDO	EPDO	AADT	MEV	Crash	Injury	Fatality	EPDO			County	
* 1	W Vienna Rd & S Mill St & E Vienna St & N Mill St	38	0	1	4	33	483	6,983	0	0.000	0.000	0.000	0.000	0.000	Clio	Genesee
* 2	S Mill St & W Young St & E Young St	14	0	0	4	10	370	5,570	0	0.000	0.000	0.000	0.000	0.000	Clio	Genesee
* 3	Griffes St & N Mill St	12	0	0	3	9	279	4,179	0	0.000	0.000	0.000	0.000	0.000	Clio	Genesee
* 4	W Vienna Rd & W Vienna St & Center St	10	0	0	1	9	99	1,399	0	0.000	0.000	0.000	0.000	0.000	Clio	Genesee
* 5	New St & W Vienna St	10	0	0	0	10	10	10	0	0.000	0.000	0.000	0.000	0.000	Clio	Genesee
* 6	Washington St & W Vienna St	7	0	0	0	7	7	7	0	0.000	0.000	0.000	0.000	0.000	Clio	Genesee
* 7	State St & W Vienna St	6	0	0	0	6	6	6	0	0.000	0.000	0.000	0.000	0.000	Clio	Genesee
* 8	N Railway St & W Vienna St	5	0	0	0	5	5	5	0	0.000	0.000	0.000	0.000	0.000	Clio	Genesee
* 9	W Vienna St & Lake State Railway	5	0	0	0	5	5	5	0	0.000	0.000	0.000	0.000	0.000	Clio	Genesee
* 10	N Mill St & Campbell St	5	0	0	1	4	94	1,394	0	0.000	0.000	0.000	0.000	0.000	Clio	Genesee