

# 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: City/Twp	=	Linden

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

# Intersection Ranking Report

Rank	Intersection Name	Total Crashes	Type				EPDO	Modified EPDO			Rate per MEV				City or Township	County	
			Fatal	A	B+C	PDO		AADT	MEV	Crash	Injury	Fatality	EPDO	Modified EPDO			
1	W Broad St & Bridge St & E Broad St	22	0	0	2	20	200	2,800	136005	496.690	0.044	0.000	0.000	0.403	5.637	Linden	Genesee
*	2 Wolmar St & Bridge St & Tickner St	14	0	0	1	13	103	1,403	0	0.000	0.000	0.000	0.000	0.000	0.000	Linden	Genesee
*	3 W Broad St & Hyatt Ln	12	0	0	4	8	368	5,568	0	0.000	0.000	0.000	0.000	0.000	0.000	Linden	Genesee
4	Bridge St & Hickory St	11	0	0	1	10	100	1,400	11628	42.465	0.259	0.000	0.000	2.355	32.968	Linden	Genesee
*	5 E Broad St & Main St	10	0	0	1	9	99	1,399	0	0.000	0.000	0.000	0.000	0.000	0.000	Linden	Genesee
*	6 Walmar St & W Broad St	7	0	0	1	6	96	1,396	0	0.000	0.000	0.000	0.000	0.000	0.000	Linden	Genesee
7	Hickory St & E Broad St	6	0	0	0	6	6	6	70951	259.113	0.023	0.000	0.000	0.023	0.023	Linden	Genesee
*	8 Bridge St & Oak St	6	0	0	0	6	6	6	0	0.000	0.000	0.000	0.000	0.000	0.000	Linden	Genesee
*	9 E Broad St & High St	5	0	0	1	4	94	1,394	0	0.000	0.000	0.000	0.000	0.000	0.000	Linden	Genesee
*	10 Mill & Bridge St	4	0	0	0	4	4	4	0	0.000	0.000	0.000	0.000	0.000	0.000	Linden	Genesee