



Program Provided by:  
 Traffic Engineering Division  
 Collision Analysis and Safety Branch  
 (405) 522-0985  
 Created: 11/06/2018  
 by Jessica Avery

USE RESTRICTED

**Study Totals**

**-NO COLLISIONS FOUND AT THIS LOCATION FOR THE TIME FRAME INDICATED-**

23 USC 409

NBI 10053 JP 21006(04)

Date Range: 01-01-2007 thru 12-31-2016

	2007						2008						2009					
	Fat	Incap Inj	Non-Incap Inj	Poss Inj	PD	Tot	Fat	Incap Inj	Non-Incap Inj	Poss Inj	PD	Tot	Fat	Incap Inj	Non-Incap Inj	Poss Inj	PD	Tot
Collisions						0						0						0
Persons						0						0						0



**STUDY TOTALS (CONT.)**

**NBI 10053 JP 21006(04)**

**Date Range: 01-01-2007 Thru 12-31-2016**

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	2010						2011						2012					
	Fat	Incap Inj	Non-Incap Inj	Poss Inj	PD	Tot	Fat	Incap Inj	Non-Incap Inj	Poss Inj	PD	Tot	Fat	Incap Inj	Non-Incap Inj	Poss Inj	PD	Tot
<b>Collisions</b>						<b>0</b>						<b>0</b>						<b>0</b>
<b>Persons</b>						<b>0</b>						<b>0</b>						<b>0</b>

	2013						2014						2015					
	Fat	Incap Inj	Non-Incap Inj	Poss Inj	PD	Tot	Fat	Incap Inj	Non-Incap Inj	Poss Inj	PD	Tot	Fat	Incap Inj	Non-Incap Inj	Poss Inj	PD	Tot
<b>Collisions</b>						<b>0</b>						<b>0</b>						<b>0</b>
<b>Persons</b>						<b>0</b>						<b>0</b>						<b>0</b>

	2016					
	Fat	Incap Inj	Non-Incap Inj	Poss Inj	PD	Tot
<b>Collisions</b>						<b>0</b>
<b>Persons</b>						<b>0</b>

	Study Total					
	Fatality	Incapacitating Injury	Non-Incapacitating Injury	Possible Injury	Property Damage	Total
<b>Collisions</b>						<b>0</b>
<b>Persons</b>						<b>0</b>



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# Expected Collision Analysis

NBI 10053 JP 21006(04)

Time Period: 01-01-2007 to 12-31-2016

Number of Years in Query: 10.01

$$\text{Exp Target Colls} = \left( \frac{1 + (1/K) \text{ Target Colls}}{1 + (1/K) \text{ Pred Colls}} \right) \text{ Pred Colls}$$

Pred Colls = Collisions Predicted by Selected SPF

Target Colls = Collisions that Match Selected SPF

1/K = Overdispersion for Selected SPF

Exp Crash Frequency = Exp Target Colls / Num Years

Exp Crash Density = Exp Crash Frequency / Length

Exp Crash Rate = (Exp Crash Density \* 100,000,000) / (ADT \* 365)

Exp Excess Crash Freq = (Exp Target Colls - Pred Colls) / Num Years

Typical Crash Freq = Pred Colls / Num Years

Exp/Typ Crash Ratio = Exp Target Colls / Pred Colls

Deviation Probability = Cumulative Value of Exp Target Colls in Distribution

## ANALYSIS PER SUBSECTION

CO	CS	Start	End	Length	ADT	Selected SPF	Queried Colls	Target Colls	Predicted Colls	Over dispersion	Exp Target Colls	Exp Crash Frequency	Exp Crash Density	Exp Crash Rate	Exp Excess Crash Freq	Typical Crash Freq	Exp/Typ Crash Ratio	Deviation Probability
67	02	04.09	04.22	0.13	7700	97: Tab 4 ODOT HWYs Urban 2-3L 2017	0	0	0.38	0.74	0.30	0.03	0.23	8.08	-0.01	0.04	0.78	0.51
				0.13	59231		0	0	0.38	0.74	0.30	0.03	0.23	1.05	-0.01	0.04	0.78	0.51

**Total Expected Target Collisions: 0.30**

**Total Expected Crash Frequency: 0.03**

**Overall Expected Crash Density: 0.23**

**Overall Expected Crash Rate: 1.05**

**Total Expected Excess Crash Frequency: -0.01**

**Total Typical Crash Frequency: 0.04**

**Overall Expected/Typical Crash Ratio: 0.78**

**Overall Deviation Probability: 0.51**



# HIGHWAY SYSTEM COLLISION LISTING

NBI 10053 JP 21006(04)

Date Range: 01-01-2007 Thru 12-31-2016

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Cnty	City	CS #	Int. #	Mile Post	Location	Features	Int. Related	On Map	Dir. 1	Dir. 2	# Veh.	# Inj.*	# Fat.	Type of Collision	Unsafe Unlawful	Lighting Cond.	Roadway Cond.	Severity	Date
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-No Highway Collisions Found-

USE RESTRICTED

23 USC 409

\* INCLUDES INCAPACITATING, NON-INCAPACITATING, AND POSSIBLE INJURIES.



**STUDY CRITERIA**

**NBI 10053 JP 21006(04)**

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**ROADWAY / REGION**

QUERY OVER	SELECTIONS
Control Section	County: 67, Control Section: 2, CS Type: hwy, CS Query On: range, Mile Start: 04.09, Mile End: 04.22

**DATE**

Date Range	01-01-2007 to 12-31-2016
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**REPORT SECTIONS**

Collision Map & Study Totals	(Included)
Collision Analysis Tables	(Included)
- Totals By City, Hwy Class	Checked
- Other Analysis Tables	Checked
Collision Listing	(Included)
- Highway Collision Listing	Checked, By Control Section
- City Street Collision Listing	Checked
- County Road Collision Listing	Checked
Query Criteria	(Included)

**FILTER COLLISIONS**

Roadway Type	All Collision Data
Incl. Crashes Assoc. w/ Every Int.	Checked
Environment Fields	

**REPORT FORMAT OPTIONS**

Print Watermark	Checked
Print DPS Case Numbers	Unchecked