



CMF / CRF Details

CMF ID: 2494

Change in median opening density from X to Y median openings

Description: Change the number of median openings for a raised median

Prior Condition: Greater or fewer number of median openings per mile

Category: Access management

Study: [Modeling and Evaluating the Safety Impacts of Access Management \(AM\) Features in the Las Vegas Valley, Mauga and Kaseko, 2010](#)

Star Quality Rating:



[\[View score details\]](#)

Crash Modification Factor (CMF)

Value:

$$e^{0.1129(Y-X)}$$

Adjusted Standard Error:

Unadjusted Standard Error:

Crash Reduction Factor (CRF)

Value:

$$-100 * (e^{0.1129(Y-X)} - 1)$$

Adjusted Standard Error:

Unadjusted Standard Error:

Applicability

Crash Type:

Head on

Crash Severity:

All

Roadway Types:

All

Number of Lanes:

Road Division Type:

Divided by Median

Speed Limit:

30-45

Area Type:

Urban

Traffic Volume:

29320 to 96080 *Annual Average Daily Traffic (AADT)*

Time of Day:

Not specified

If countermeasure is intersection-based

Intersection Type:

Intersection Geometry:

Traffic Control:

Major Road Traffic Volume:

Minor Road Traffic Volume:

Development Details

Date Range of Data Used:

2002 to 2006

Municipality:

State:	NV
Country:	
Type of Methodology Used:	Regression cross-section
Sample Size Used:	Crashes

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Aug-11-2010
Comments:	

This site is funded by the U.S. Department of Transportation Federal Highway Administration and maintained by the University of North Carolina Highway Safety Research Center

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