



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:	
<input type="text" value="3 Stars"/>	[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:	7
Sample Size Used:	Crashes

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

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