



# CMF / CRF Details

CMF ID: 2492

**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="4 Stars"/> <a href="#">[View score details]</a>	
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Crash Modification Factor (CMF)	
Value:	$e^{0.0481(Y-X)}$
Adjusted Standard Error:	
Unadjusted Standard Error:	

Crash Reduction Factor (CRF)	
Value:	$-100 * (e^{0.0481(Y-X)} - 1)$
Adjusted Standard Error:	

**Unadjusted Standard Error:**

### Applicability

**Crash Type:**

Angle,Fixed object,Head on,Rear end,Run off road,Sideswipe,Single vehicle

**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

<b>Country:</b>	
<b>Type of Methodology Used:</b>	7
<b>Sample Size Used:</b>	Crashes

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

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