



# CMF / CRF Details

**CMF ID: 2493**

**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](#)**

<b>Star Quality Rating:</b>	
<input type="text" value="4 Stars"/>	<a href="#">[View score details]</a>

<b>Crash Modification Factor (CMF)</b>	
<b>Value:</b>	$e^{0.0985(Y-X)}$
<b>Adjusted Standard Error:</b>	
<b>Unadjusted Standard Error:</b>	

<b>Crash Reduction Factor (CRF)</b>	
<b>Value:</b>	$-100 * (e^{0.0985(Y-X)} - 1)$
<b>Adjusted Standard Error:</b>	

**Unadjusted Standard Error:**

### Applicability

**Crash Type:** Angle

**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

**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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