



# CMF / CRF Details

**CMF ID: 2512**

**Change in driveway density from X to Y driveways per mile**

**Description: Curves and tangents.**

**Prior Condition: Greater or fewer number of driveways 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>	$e^{0.0026(Y-X)}$
<b>Adjusted Standard Error:</b>	
<b>Unadjusted Standard Error:</b>	

<b>Crash Reduction Factor (CRF)</b>	
<b>Value:</b>	$-100 * (e^{0.0026(Y-X)} - 1)$
<b>Adjusted Standard Error:</b>	

**Unadjusted Standard Error:**

### Applicability

**Crash Type:**

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

**Crash Severity:**

A (serious injury),B (minor injury),C (possible injury)

**Roadway Types:**

All

**Number of Lanes:**

**Road Division Type:**

Divided by TWLTL

**Speed Limit:**

30-45

**Area Type:**

Urban

**Traffic Volume:**

4883 to 71280 *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>	Sites

<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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