



CMF / CRF Details

CMF ID: 2509

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](#)

Star Quality Rating: <input type="text" value="4 Stars"/> [View score details]	
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Crash Modification Factor (CMF)	
Value:	$e^{0.0077(Y-X)}$
Adjusted Standard Error:	
Unadjusted Standard Error:	

Crash Reduction Factor (CRF)	
Value:	$-100 * (e^{0.0077(Y-X)} - 1)$
Adjusted Standard Error:	

Unadjusted Standard Error:

Applicability

Crash Type: Rear end

Crash Severity: All

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

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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