



CMF / CRF Details

CMF ID: 2501

Change in unsignalized cross roads from X to Y unsignalized cross roads per mile

Description: Change the number of unsignalized intersections per mile

Prior Condition: Greater or fewer number of unsignalized intersections 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:



[\[View score details\]](#)

Crash Modification Factor (CMF)

Value:

$$e^{0.0126(Y-X)}$$

Adjusted Standard Error:

Unadjusted Standard Error:

Crash Reduction Factor (CRF)

Value:	$-100 * (e^{0.0126(Y-X)} - 1)$
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 TWLTL
Speed Limit:	30-45
Area Type:	Urban
Traffic Volume:	4883 to 71280 <i>Annual Average Daily Traffic (AADT)</i>
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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