



CMF / CRF Details

CMF ID: 35

Increase distance to roadside features from 3.3 ft to 16.7 ft

Description:

Prior Condition: *No Prior Condition(s)*

Category: Roadside

Study: [Handbook of Road Safety Measures, Elvik, R. and Vaa, T., 2004](#)

Star Quality Rating:	
	<input type="text" value="8 Stars"/>

Crash Modification Factor (CMF)	
Value:	0.78
Adjusted Standard Error:	0.02
Unadjusted Standard Error:	0.01

Crash Reduction Factor (CRF)	
Value:	22 (This value indicates a decrease in crashes)
Adjusted Standard Error:	2
Unadjusted Standard Error:	1

Applicability

Crash Type:	All
Crash Severity:	All
Roadway Types:	All
Number of Lanes:	2
Road Division Type:	
Speed Limit:	
Area Type:	Rural
Traffic Volume:	
Time of Day:	

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:	
Municipality:	
State:	
Country:	
Type of Methodology Used:	9
Sample Size Used:	

Other Details

Included in Highway Safety Manual?

Yes. HSM lists this CMF in **bold** font to indicate that it has the highest reliability since it has an adjusted standard error of 0.1 or less.

Date Added to Clearinghouse:

Dec-01-2009

Comments:

Countermeasure name changed - converted meters to feet

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