



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:



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:	Meta-analysis
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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