



CMF / CRF Details

CMF ID: 64

Provide active close-following warning signs

Description:

Prior Condition: *No Prior Condition(s)*

Category: Advanced technology and ITS

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

Star Quality Rating:

8 Stars

Crash Modification Factor (CMF)

Value: 0.94

Adjusted Standard Error: 0.72

Unadjusted Standard Error: 0.4

Crash Reduction Factor (CRF)

Value: 6 (This value indicates a **decrease** in crashes)

Adjusted Standard Error: 72

Unadjusted Standard Error: 40

Applicability

Crash Type:	Rear end
Crash Severity:	Not specified
Roadway Types:	Not specified
Number of Lanes:	
Road Division Type:	
Speed Limit:	
Area Type:	Not specified
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?	No
Date Added to Clearinghouse:	Dec-01-2009
Comments:	

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