



CMF / CRF Details

CMF ID: 98

Install raised pavement markers and transverse rumble strips on approach to horizontal curves

Description:

Prior Condition: *No Prior Condition(s)*

Category: Delineation

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: 0.49

Unadjusted Standard Error: 0.27

Crash Reduction Factor (CRF)

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

Adjusted Standard Error: 49

Unadjusted Standard Error: 27

Applicability

Crash Type: Run off road

Crash Severity: A (serious injury),B (minor injury),C (possible injury)

Roadway Types: Not specified

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?	No
Date Added to Clearinghouse:	Dec-01-2009
Comments:	

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