



CMF / CRF Details

CMF ID: 4641

Convert sideslope from 1V:7H to 1V:2H or steeper

Description: Convert sideslope from 1V:7H to 1V:2H or steeper

Prior Condition: *No Prior Condition(s)*

Category: Roadside

Study: [Accident Modification Factors for Traffic Engineering and ITS Improvements, Harkey et al., 2008](#)

Star Quality Rating:	

Crash Modification Factor (CMF)	
Value:	1.18
Adjusted Standard Error:	
Unadjusted Standard Error:	

Crash Reduction Factor (CRF)	
Value:	-18 (<i>This value indicates an increase in crashes</i>)
Adjusted Standard Error:	

Unadjusted Standard Error:

Applicability

Crash Type:

All

Crash Severity:

Not specified

Roadway Types:

Principal Arterial Other

Number of Lanes:

Multilane

Road Division Type:

Undivided

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:	11
Sample Size Used:	

Other Details	
Included in Highway Safety Manual?	
Date Added to Clearinghouse:	Dec-01-2009
Comments:	HSM 1st Ed, Table 13-20

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