



CMF / CRF Details

CMF ID: 6915

Flatten side slopes

Description:

Prior Condition: Traversable median with unspecific sideslope ratio

Category: Roadside

Study: [NCHRP Report 794: Median Cross-Section Design for Rural Divided Highways, Graham et al., 2014](#)

Star Quality Rating:	
<input type="text" value="2 Stars"/>	[View score details]

Crash Modification Factor (CMF)	
Value:	0.892
Adjusted Standard Error:	
Unadjusted Standard Error:	0.062

Crash Reduction Factor (CRF)	
Value:	10.8 <i>(This value indicates a decrease in crashes)</i>
Adjusted Standard Error:	
Unadjusted Standard Error:	6.2

Applicability

Crash Type:

Cross median,Fixed object,Run off road,Other

Crash Severity:

K (fatal),A (serious injury),B (minor injury),C (possible injury)

Roadway Types:

Not specified

Number of Lanes:

4

Road Division Type:

Divided by Median

Speed Limit:

Area Type:

Rural

Traffic Volume:

Time of Day:

All

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:

2001 to 2005

Municipality:

State:

WA

Country:

USA

Type of Methodology Used:

7

Sample Size Used:	
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Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Nov-01-2015
Comments:	This CMF applies to a unit decrease in median slope ratio for median-related crashes on four-lane non-freeways with a traversable median. Median related crashes include rollover crashes in the median, non-barrier fixed object crashes, crash-involved vehicle comes to a rest in the median, vehicle departs and returns to original traveled way, and cross-median crashes.

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