



CMF / CRF Details

CMF ID: 6979

Increase Median Width

Description: Increase median width

Prior Condition: Median of unspecified width with barrier

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="3 Stars"/>	[View score details]

Crash Modification Factor (CMF)	
Value:	0.977
Adjusted Standard Error:	
Unadjusted Standard Error:	0.001

Crash Reduction Factor (CRF)	
Value:	2.31 <i>(This value indicates a decrease in crashes)</i>
Adjusted Standard Error:	
Unadjusted Standard Error:	0.13

Applicability

Crash Type:

Cross median,Fixed object,Run off road,Other

Crash Severity:

All

Roadway Types:

Principal Arterial Other Freeways and Expressways

Number of Lanes:

6

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:

2000 to 2007

Municipality:

State:

CA, MO, NC, OH, PA, 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 increasing median width by one foot for median-related crashes on six-lane freeways with rigid median barriers. Median-related crashes include hit barrier, cross-median crash, non-collision cross-median crash, rollover, fixed-object, and other median related.

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