



CMF / CRF Details

CMF ID: 6990

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:	0.995
Adjusted Standard Error:	
Unadjusted Standard Error:	0.003

Crash Reduction Factor (CRF)	
Value:	0.46 <i>(This value indicates a decrease in crashes)</i>
Adjusted Standard Error:	
Unadjusted Standard Error:	0.29

Applicability

Crash Type: Fixed object

Crash Severity: All

Roadway Types: Principal Arterial Other Freeways and Expressways

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: 2000 to 2007

Municipality:

State: CA, MO, NC, OH, PA, WA

Country: USA

Type of Methodology Used: 7

Sample Size Used:

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 fixed-object (other than median barrier) crashes on four-lane freeways with flexible median barriers.

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