



CMF / CRF Details

CMF ID: 6983

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:	0.993
Adjusted Standard Error:	
Unadjusted Standard Error:	0.003

Crash Reduction Factor (CRF)	
Value:	0.69 (This value indicates a decrease in crashes)
Adjusted Standard Error:	
Unadjusted Standard Error:	0.3

Applicability

Crash Type: Other

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

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 2004

Municipality:

State: NC

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 hit barrier crashes on four-lane freeways with flexible median barriers.

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