



CMF / CRF Details

CMF ID: 8215

Install cable median barrier (high tension)

Description:

Prior Condition: No median barrier

Category: Roadside

Study: [Development of Crash Modification Factors for Installation of High-Tension Cable Median Barrier, Russo et al., 2016](#)

Star Quality Rating:



[\[View score details\]](#)

Crash Modification Factor (CMF)

Value: 0.76

Adjusted Standard Error:

Unadjusted Standard Error: 0.11

Crash Reduction Factor (CRF)

Value: 24 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error:	11
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Applicability

Crash Type:	Other
Crash Severity:	K (fatal),A (serious injury)
Roadway Types:	Principal Arterial Other Freeways and Expressways
Number of Lanes:	
Road Division Type:	Divided by Median
Speed Limit:	
Area Type:	
Traffic Volume:	1508 to 99850 <i>Annual Average Daily Traffic (AADT)</i>
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:	2004 to 2013
Municipality:	
State:	MI

Country:	USA
Type of Methodology Used:	Before/after using empirical Bayes or full Bayes
Sample Size Used:	

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Jan-17-2017
Comments:	CMF applies to target crashes on segment with median width 51 to 94 feet. Target crashes refer to any crash in which a crash-involved vehicle left the roadway and entered the median, regardless of whether median entry was a primary or secondary event.

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