



CMF / CRF Details

CMF ID: 8799

Install raised median with or without marked crosswalk (uncontrolled)

Description:

Prior Condition: No median

Category: Pedestrians

Study: [Development of Crash Modification Factors for Uncontrolled Pedestrian Crossing Treatments, Zegeer et al., 2017](#)

Star Quality Rating:	
<input type="text" value="4 Stars"/>	[View score details]

Crash Modification Factor (CMF)	
Value:	0.685
Adjusted Standard Error:	
Unadjusted Standard Error:	0.183

Crash Reduction Factor (CRF)	
Value:	31.5 (This value indicates a decrease in crashes)
Adjusted Standard Error:	
Unadjusted Standard Error:	18.3

Applicability

Crash Type:	Vehicle/pedestrian
Crash Severity:	All
Roadway Types:	Minor Arterial
Number of Lanes:	2 to 8
Road Division Type:	Divided by Median
Speed Limit:	
Area Type:	Urban and suburban
Traffic Volume:	1245 to 46000 <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:	AZ, FL, IL, MA, NY, NC, OR, VA, WI
Country:	USA
Type of Methodology Used:	9

Sample Size Used:	
--------------------------	--

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Nov-17-2017
Comments:	Methodology used was a combination of EB before-after and cross-sectional estimations. Also, study sites were a combination of intersection and mid-block locations.

This site is funded by the U.S. Department of Transportation Federal Highway Administration and maintained by the University of North Carolina Highway Safety Research Center

The information contained in the Crash Modification Factors (CMF) Clearinghouse is disseminated under the sponsorship of the U.S. Department of Transportation in the interest of information exchange. The U.S. Government assumes no liability for the use of the information contained in the CMF Clearinghouse. The information contained in the CMF Clearinghouse does not constitute a standard, specification, or regulation, nor is it a substitute for sound engineering judgment.