



CMF / CRF Details

CMF ID: 176

Install raised median with unmarked crosswalk (uncontrolled)

Description:

Prior Condition: Unmarked crosswalk with no raised median at an uncontrolled pedestrian crossing.

Category: Pedestrians

Study: [Safety Effects of Marked Versus Unmarked Crosswalks at Uncontrolled Locations: Executive Summary and Recommended Guidelines, Zegeer et al., 2002](#)

Star Quality Rating:	
<input type="text" value="2 Stars"/>	[View score details]

Crash Modification Factor (CMF)	
Value:	0.61
Adjusted Standard Error:	2.02
Unadjusted Standard Error:	0.4

Crash Reduction Factor (CRF)	
Value:	39 (This value indicates a decrease in crashes)
Adjusted Standard Error:	202
Unadjusted Standard Error:	40

Applicability

Crash Type:	Vehicle/pedestrian
Crash Severity:	All
Roadway Types:	Principal Arterial Other
Number of Lanes:	3 to 8
Road Division Type:	
Speed Limit:	
Area Type:	Urban and Suburban
Traffic Volume:	15000 <i>Average Daily Traffic (ADT)</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:	1994 to 1998
Municipality:	
State:	AZ, CA, FL, KS, LA, MD, MA, MO, NC, OH, OR, PA, TX, UT, WA, WI
Country:	USA

Type of Methodology Used:	6
Sample Size Used:	9 Crashes

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Dec-01-2009
Comments:	The study design was a simple comparison of crash rates, controlling for pedestrian and traffic volume.

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