



CMF / CRF Details

CMF ID: 9125

Install enhanced RRFB pedestrian crossing at mid-block crossing location

Description: Mid-block pedestrian crossings enhanced with Rectangular Rapid Flashing Beacon (RRFB)

Prior Condition: Previously unmarked or at a location with prior high-visibility markings. The data set pooled these locations in the estimation of CMFs.

Category: Pedestrians

Study: [Safety Effectiveness of Pedestrian Crossing Enhancements, Monsere et al., 2017](#)

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

Crash Modification Factor (CMF)	
Value:	0.93
Adjusted Standard Error:	
Unadjusted Standard Error:	0.22

Crash Reduction Factor (CRF)	
Value:	7 (This value indicates a decrease in crashes)
Adjusted Standard Error:	
Unadjusted Standard Error:	22

Applicability

Crash Type:	Rear end
Crash Severity:	All
Roadway Types:	All
Number of Lanes:	2 to 5
Road Division Type:	Undivided
Speed Limit:	20 to 45mph
Area Type:	All
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:	2010 to 2014
Municipality:	
State:	OR
Country:	USA

Type of Methodology Used:	2
Sample Size Used:	

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Jan-17-2018
Comments:	all rear-end crashes, not just pedestrian related crashes.

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