



CMF / CRF Details

CMF ID: 9019

Install advanced yield or stop markings and signs

Description: Install advanced yield or stop markings and signs

Prior Condition: No advanced yield or stop markings and signs

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:	0.8
Adjusted Standard Error:	
Unadjusted Standard Error:	0.076

Crash Reduction Factor (CRF)	
Value:	20 (This value indicates a decrease in crashes)
Adjusted Standard Error:	
Unadjusted Standard Error:	7.6

Applicability

Crash Type: Rear end,Sideswipe

Crash Severity: All

Roadway Types: Minor Arterial

Number of Lanes: 2 to 8

Road Division Type:

Speed Limit:

Area Type: Urban and suburban

Traffic Volume: 340 to 52892 *Annual Average Daily Traffic (AADT)*

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: 2

Sample Size Used:	
Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Nov-17-2017
Comments:	Study sites were a combination of intersection and mid-block locations.

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