



CMF / CRF Details

CMF ID: 8723

Install Box Span Signal

Description:

Prior Condition: Intersections with diagonal span signal configurations

Category: Advanced technology and ITS

Study: [Safety Evaluation of Box Span Signal Configuration, Yassin et al., 2017](#)

Star Quality Rating:



Crash Modification Factor (CMF)

Value: 0.975

Adjusted Standard Error:

Unadjusted Standard Error: 0.04

Crash Reduction Factor (CRF)

Value: 2.5 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error: 4

Applicability

Crash Type: Other

Crash Severity: All

Roadway Types: Not specified

Number of Lanes: 0-4

Road Division Type: All

Speed Limit:

Area Type:

Traffic Volume:

Time of Day: All

If countermeasure is intersection-based

Intersection Type: Not specified

Intersection Geometry: 3-leg,4-leg

Traffic Control: Signalized

Major Road Traffic Volume: 3220 to 66316 Annual Average Daily Traffic (AADT)

Minor Road Traffic Volume: 471 to 53080 Annual Average Daily Traffic (AADT)

Development Details

Date Range of Data Used: 2006 to 2011

Municipality:

State: MI

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:	The CMF is for intersection crashes for people at all ages

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