



CMF / CRF Details

CMF ID: 1425

Convert signal from pedestal-mounted to mast arm

Description:

Prior Condition: Existing pedestals were removed and replaced with mast arm signals

Category: Intersection traffic control

Study: [Signalized Intersections: Informational Guide, Rodegerdts et al., 2004](#)

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

Crash Modification Factor (CMF)	
Value:	0.49
Adjusted Standard Error:	
Unadjusted Standard Error:	0.034

Crash Reduction Factor (CRF)	
Value:	51 (This value indicates a decrease in crashes)
Adjusted Standard Error:	
Unadjusted Standard Error:	3.4

Applicability

Crash Type:

All

Crash Severity:

O (property damage only)

Roadway Types:

Not specified

Number of Lanes:

Road Division Type:

Speed Limit:

Area Type:

All

Traffic Volume:

Time of Day:

All

If countermeasure is intersection-based

Intersection Type:

Roadway/roadway (not interchange related)

Intersection Geometry:

Traffic Control:

Signalized

Major Road Traffic Volume:

Minor Road Traffic Volume:

Development Details

Date Range of Data Used:

Municipality:

State:

KS

Country:

usa

Type of Methodology Used:

3

Sample Size Used:	Crashes
Before Sample Size Used:	621 Crashes
After Sample Size Used:	307 Crashes

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Dec-01-2009
Comments:	

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