



CMF / CRF Details

CMF ID: 1428

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:	0.26
Adjusted Standard Error:	
Unadjusted Standard Error:	0.032

Crash Reduction Factor (CRF)	
Value:	74 (This value indicates a decrease in crashes)
Adjusted Standard Error:	
Unadjusted Standard Error:	3.2

Applicability

Crash Type: Angle

Crash Severity: All

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:	334 Crashes
After Sample Size Used:	88 Crashes

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

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