



# CMF / CRF Details

CMF ID: 1427

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"/>	<a href="#">[View score details]</a>

Crash Modification Factor (CMF)	
Value:	0.59
Adjusted Standard Error:	
Unadjusted Standard Error:	0.07

Crash Reduction Factor (CRF)	
Value:	41 (This value indicates a <b>decrease</b> in crashes)
Adjusted Standard Error:	
Unadjusted Standard Error:	7

## Applicability

**Crash Type:** Rear end

**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

<b>Sample Size Used:</b>	Crashes
<b>Before Sample Size Used:</b>	190 Crashes
<b>After Sample Size Used:</b>	112 Crashes

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

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