



CMF / CRF Details

CMF ID: 10116

Install pedestrian countdown timer

Description: Install pedestrian countdown timer

Prior Condition: *No Prior Condition(s)*

Category: Intersection traffic control

Study: [*Safety Evaluation of Pedestrian Countdown Signals - Definitive Results from Two Cities in the United States, Srinivasan et al., 2019*](#)

Star Quality Rating:	

Crash Modification Factor (CMF)

Value:	0.988
Adjusted Standard Error:	
Unadjusted Standard Error:	0.026

Crash Reduction Factor (CRF)

Value:	1.2 (<i>This value indicates a decrease in crashes</i>)
Adjusted Standard Error:	

Unadjusted Standard Error: 2.6

Applicability

Crash Type: All

Crash Severity: K (fatal),A (serious injury),B (minor injury),C (possible injury)

Roadway Types: Not specified

Number of Lanes:

Road Division Type:

Speed Limit:

Area Type: Urban

Traffic Volume:

Time of Day: Not specified

If countermeasure is intersection-based

Intersection Type:

Intersection Geometry: 3-leg,4-leg

Traffic Control:

Major Road Traffic Volume:

Minor Road Traffic Volume:

Development Details

Date Range of Data Used:

Municipality: Charlotte & Philadelphia

State: NC, PA

Country:	USA
Type of Methodology Used:	Before/after using empirical Bayes or full Bayes
Sample Size Used:	

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Jul-26-2019
Comments:	

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