



CMF / CRF Details

CMF ID: 425

Install red-light cameras

Description: RLR enforcement cameras

Prior Condition: *No Prior Condition(s)*

Category: Advanced technology and ITS

Study: [*The Impact of Red Light Cameras on Safety in Arizona, Shin and Washington, 2007*](#)

Star Quality Rating:



Crash Modification Factor (CMF)

Value: 1.45

Adjusted Standard Error: 0.11

Unadjusted Standard Error: 0.06

Crash Reduction Factor (CRF)

Value: -45 (*This value indicates an **increase** in crashes*)

Adjusted Standard Error: 11

Unadjusted Standard Error:

6

Applicability

Crash Type:

Rear end

Crash Severity:

All

Roadway Types:

Not specified

Number of Lanes:

Road Division Type:

Speed Limit:

Area Type:

Urban

Traffic Volume:

Time of Day:

If countermeasure is intersection-based

Intersection Type:

Roadway/roadway (not interchange related)

Intersection Geometry:

Not specified

Traffic Control:

Signalized

Major Road Traffic Volume:

Minor Road Traffic Volume:

Development Details

Date Range of Data Used:

Municipality:

State:

Country:	
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:	Dec-01-2009
Comments:	Countermeasure name has been slightly modified for consistency across Clearinghouse

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