



CMF / CRF Details

CMF ID: 6878

Install red-light cameras

Description: RLR enforcement cameras

Prior Condition: Signalized intersections without Red-light camera

Category: Advanced technology and ITS

Study: [Safety Evaluation of Red Light Camera and Intersection Speed Camera Programs in Alberta, Izadpanah et al., 2015](#)

Star Quality Rating:



Crash Modification Factor (CMF)

Value: 0.623

Adjusted Standard Error:

Unadjusted Standard Error: 0.02

Crash Reduction Factor (CRF)

Value: 37.7 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error:

2

Applicability

Crash Type:

Angle

Crash Severity:

All

Roadway Types:

Not specified

Number of Lanes:

Road Division Type:

Speed Limit:

Area Type:

Urban and suburban

Traffic Volume:

Time of Day:

All

If countermeasure is intersection-based

Intersection Type:

Roadway/roadway (not interchange related)

Intersection Geometry:

3-leg,4-leg

Traffic Control:

Signalized

Major Road Traffic Volume:

Minor Road Traffic Volume:

Development Details

Date Range of Data Used:

1995 to 2008

Municipality:

Alberta

State:

Country:	Canada
Type of Methodology Used:	2
Sample Size Used:	

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Nov-01-2015
Comments:	CMF for angle crashes

This site is funded by the U.S. Department of Transportation Federal Highway Administration and maintained by the University of North Carolina Highway Safety Research Center

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