



CMF / CRF Details

CMF ID: 6876

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: 1.014

Adjusted Standard Error:

Unadjusted Standard Error: 0.013

Crash Reduction Factor (CRF)

Value: -1.4 (This value indicates an **increase** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error: 1.3

Applicability

Crash Type:

All

Crash Severity:

O (property damage only)

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

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