



CMF / CRF Details

CMF ID: 6882

Install automated speed camera at signalized intersection

Description: Install an automated speed camera (photo radar) at a signalized intersection

Prior Condition: Signalized intersections with Red-light camera but without Intersection speed camera activated

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: 0.68

Adjusted Standard Error:

Unadjusted Standard Error: 0.04

Crash Reduction Factor (CRF)

Value: 32 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:	
Unadjusted Standard Error:	4

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 and suburban
Traffic Volume:	
Time of Day:	

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:	1999 to 2012
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 severe (fatal and injury) crashes (activation of Intersection speed cameras at intersections with Red-light cameras in operation)

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