



CMF / CRF Details

CMF ID: 6879

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: 1.077

Adjusted Standard Error:

Unadjusted Standard Error: 0.017

Crash Reduction Factor (CRF)

Value: -7.7 (This value indicates an **increase** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error:	1.7
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Applicability

Crash Type:	Rear end
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Crash Severity:	All
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Roadway Types:	Not specified
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Number of Lanes:	
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Road Division Type:	
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Speed Limit:	
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Area Type:	Urban and suburban
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Traffic Volume:	
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Time of Day:	All
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If countermeasure is intersection-based

Intersection Type:	Roadway/roadway (not interchange related)
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Intersection Geometry:	3-leg,4-leg
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Traffic Control:	Signalized
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Major Road Traffic Volume:	
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Minor Road Traffic Volume:	
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Development Details

Date Range of Data Used:	1995 to 2008
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Municipality:	Alberta
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State:	
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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 rear-end crashes

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