



CMF / CRF Details

CMF ID: 2689

Implement automated speed enforcement cameras

Description:

Prior Condition: media coverage of automated speed enforcement

Category: Advanced technology and ITS

Study: [Estimating the Longer-Term Safety Effects of Speed Enforcement Cameras in Charlotte, NC, Moon and Hummer, 2010](#)

Star Quality Rating:



Crash Modification Factor (CMF)

Value: 0.82

Adjusted Standard Error:

Unadjusted Standard Error: 0.11

Crash Reduction Factor (CRF)

Value: 18.2 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error:	11.2
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Applicability

Crash Type:	All
Crash Severity:	0 (property damage only)
Roadway Types:	Not Specified
Number of Lanes:	
Road Division Type:	
Speed Limit:	
Area Type:	
Traffic Volume:	
Time of Day:	All

If countermeasure is intersection-based

Intersection Type:	
Intersection Geometry:	
Traffic Control:	
Major Road Traffic Volume:	
Minor Road Traffic Volume:	

Development Details

Date Range of Data Used:	1994 to 2008
Municipality:	Charlotte
State:	NC

Country:	
Type of Methodology Used:	3
Sample Size Used:	
Before Sample Size Used:	25610
After Sample Size Used:	3591

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Aug-11-2010
Comments:	

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