CMF / CRF Details

CMF ID: 2688

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:	0.84
Adjusted Standard Error:	
Unadjusted Standard Error:	0.07

Crash Reduction Factor (CRF)	
Value:	16.2 *(This value indicates a **decrease** in crashes)*
Adjusted Standard Error:	

Unadjusted Standard Error:	7

Applicability

Crash Type:	All
Crash Severity:	All
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:	42673
After Sample Size Used:	5593

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