



CMF / CRF Details

CMF ID: 2358

Install TWLTL (two-way left turn lane) on two lane road

Description:

Prior Condition: *No Prior Condition(s)*

Category: Roadway

Study: [*Safety Evaluation of Installing Center Two-Way Left-Turn Lanes on Two-Lane Roads, Lyon et al., 2008*](#)

Star Quality Rating:	
	★★★★☆

Crash Modification Factor (CMF)	
Value:	0.727
Adjusted Standard Error:	
Unadjusted Standard Error:	0.055

Crash Reduction Factor (CRF)	
Value:	27.3 (This value indicates a decrease in crashes)
Adjusted Standard Error:	

Unadjusted Standard Error:	5.5
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Applicability

Crash Type:	All
Crash Severity:	All
Roadway Types:	Not Specified
Number of Lanes:	2
Road Division Type:	Divided by TWLTL
Speed Limit:	
Area Type:	Rural
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:	1990 to 2004
Municipality:	
State:	NC

Country:	
Type of Methodology Used:	2
Sample Size Used:	
Before Sample Size Used:	319
After Sample Size Used:	319

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Dec-01-2009
Comments:	

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