



CMF / CRF Details

CMF ID: 2343

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:	0.725
Adjusted Standard Error:	
Unadjusted Standard Error:	0.087

Crash Reduction Factor (CRF)	
Value:	27.5 (This value indicates a decrease in crashes)
Adjusted Standard Error:	

Unadjusted Standard Error: 8.7

Applicability

Crash Type: All

Crash Severity: K (fatal),A (serious injury),B (minor injury),C (possible injury)

Roadway Types: Not Specified

Number of Lanes: 2

Road Division Type: Divided by TWLTL

Speed Limit:

Area Type: All

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: 1991 to 2004

Municipality:

State: CA

Country:	
Type of Methodology Used:	2
Sample Size Used:	
Before Sample Size Used:	89
After Sample Size Used:	89

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

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