



CMF / CRF Details

CMF ID: 6097

Improve left-turn lane offset to create positive offset

Description: Improve left-turn lane offset to make the left-turn lanes with positive offset

Prior Condition: Left-turn lanes with negative offset

Category: Intersection geometry

Study: [*Safety Evaluation of Offset Improvements for Left-Turn Lanes, Persaud et al., 2009*](#)

Star Quality Rating:



[\[View score details\]](#)

Crash Modification Factor (CMF)

Value: 0.62

Adjusted Standard Error:

Unadjusted Standard Error:

0.089

Crash Reduction Factor (CRF)

Value:	38 (<i>This value indicates a decrease in crashes</i>)
Adjusted Standard Error:	
Unadjusted Standard Error:	8.9

Applicability

Crash Type:	Left turn
Crash Severity:	All
Roadway Types:	Not specified
Number of Lanes:	
Road Division Type:	
Speed Limit:	
Area Type:	Not specified
Traffic Volume:	
Time of Day:	All

If countermeasure is intersection-based

Intersection Type:	
Intersection Geometry:	4-leg
Traffic Control:	
Major Road Traffic Volume:	7,150 to 29,200 Annual Average Daily Traffic (AADT)

Minor Road Traffic Volume:

2,200 to 13,350 Annual Average Daily Traffic (AADT)

Development Details**Date Range of Data Used:**

1983 to 2005

Municipality:**State:**

WI

Country:**Type of Methodology Used:**

Before/after using empirical Bayes or full Bayes

Sample Size Used:**Other Details****Included in Highway Safety Manual?**

No

Date Added to Clearinghouse:

09-04-2014

Comments:

CMF of shifting the left-turn lane further away from the adjacent through lane and result in a less negative offset or no offset.

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