



CMF / CRF Details

CMF ID: 3008

Install one left-turn lane on both major road directions

Description: Install one left-turn lane on both major road directions

Prior Condition: unsignalized 3-leg intersection with no left-turn lane on the major approach

Category: Intersection geometry

Study: [The Group Least Absolute Shrinkage and Selection Operator "GLASSO" Technique: Application in Variable Selection and Crash Prediction at Unsignalized Intersections, Haleem and Abdel-Aty, 2010](#)

Star Quality Rating:

3 Stars

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

Crash Modification Factor (CMF)

Value: 1.36

Adjusted Standard Error:

Unadjusted Standard Error: 0.1632

Crash Reduction Factor (CRF)

Value: -36 (This value indicates an **increase** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error: 16.32

Applicability

Crash Type:

All

Crash Severity:

All

Roadway Types:

Not Specified

Number of Lanes:

2 to 8

Road Division Type:

All

Speed Limit:

Area Type:

All

Traffic Volume:

Time of Day:

All

If countermeasure is intersection-based

Intersection Type:

Roadway/roadway (not interchange related)

Intersection Geometry:

3-leg

Traffic Control:

Stop-controlled

Major Road Traffic Volume:

Minor Road Traffic Volume:

Development Details

Date Range of Data Used:

2003 to 2006

Municipality:

State:

FL

Country:

U.S.A.

Type of Methodology Used:	7
Sample Size Used:	1735 Sites

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Jul-15-2011
Comments:	

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