



CMF / CRF Details

CMF ID: 5556

Install J-Turn intersection

Description: Install J-Turn intersection

Prior Condition: Two way stop controlled intersection

Category: Intersection geometry

Study: [Evaluation of J-turn Intersection Design Performance in Missouri, Edara et al., 2013](#)

Star Quality Rating:



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

Crash Modification Factor (CMF)

Value: 0.463

Adjusted Standard Error:

Unadjusted Standard Error:

Crash Reduction Factor (CRF)

Value: 53.7 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error:

Applicability

Crash Type:

All

Crash Severity:

A (serious injury),B (minor injury),C (possible injury)

Roadway Types:

Principal Arterial Other Freeways and Expressways

Number of Lanes:

Road Division Type:

Divided by Median

Speed Limit:

65-70

Area Type:

Rural

Traffic Volume:

Time of Day:

All

If countermeasure is intersection-based

Intersection Type:

Roadway/roadway (not interchange related)

Intersection Geometry:

3-leg,4-leg

Traffic Control:

Other

Major Road Traffic Volume:

10326 to 26470 Annual Average Daily Traffic (AADT)

Minor Road Traffic Volume:

434 to 1389 Annual Average Daily Traffic (AADT)

Development Details

Date Range of Data Used:

2004 to 2013

Municipality:

State:

MO

Country:	USA
Type of Methodology Used:	2
Sample Size Used:	
Before Sample Size Used:	27
After Sample Size Used:	8

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Aug-12-2014
Comments:	

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