



## CMF / CRF Details

**CMF ID: 5558**

**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:** 0.5

**Adjusted Standard Error:**

**Unadjusted Standard Error:**

### Crash Reduction Factor (CRF)

**Value:** 50 (This value indicates a **decrease** in crashes)

**Adjusted Standard Error:**

**Unadjusted Standard Error:**

### Applicability

**Crash Type:**

All

**Crash Severity:**

B (minor 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

<b>Country:</b>	USA
<b>Type of Methodology Used:</b>	3
<b>Sample Size Used:</b>	
<b>Before Sample Size Used:</b>	16
<b>After Sample Size Used:</b>	5

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

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