



## CMF / CRF Details

**CMF ID: 4538**

**10-ft to 40-ft conversion (median width)**

**Description: Convert a 10-ft traversable median to a 40-ft traversable median**

**Prior Condition: 10-ft wide traversable median**

**Category: Access management**

**Study: [Crash Reduction Factors for Traffic Engineering and ITS Improvements, Harkey et al., 2008](#)**

**Star Quality Rating:**



### Crash Modification Factor (CMF)

**Value:** 0.67

**Adjusted Standard Error:**

**Unadjusted Standard Error:** 0.08

### Crash Reduction Factor (CRF)

**Value:** 33 (This value indicates a **decrease** in crashes)

**Adjusted Standard Error:**

**Unadjusted Standard Error:**

8

### Applicability

**Crash Type:**

Cross median

**Crash Severity:**

Not specified

**Roadway Types:**

Not specified

**Number of Lanes:**

4

**Road Division Type:**

Divided by Median

**Speed Limit:**

**Area Type:**

Urban

**Traffic Volume:**

1900 to 150000 *Annual Average Daily Traffic (AADT)*

**Time of Day:**

### *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:**

**Municipality:**

**State:**

No state(s) chosen.

<b>Country:</b>	
<b>Type of Methodology Used:</b>	Before/after using empirical Bayes or full Bayes
<b>Sample Size Used:</b>	

<b>Other Details</b>	
<b>Included in Highway Safety Manual?</b>	
<b>Date Added to Clearinghouse:</b>	Dec-01-2009
<b>Comments:</b>	Partial to no access control

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