



## CMF / CRF Details

**CMF ID: 5519**

**Decrease median width from 64ft to 40ft**

**Description: Decrease median width from 64ft to 40ft**

**Prior Condition: 64 ft wide median**

**Category: Access management**

**Study: [Using multivariate adaptive regression splines \(MARS\) to develop crash modification factors for urban freeway interchange influence areas, Haleem et al., 2013](#)**

**Star Quality Rating:**



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

### Crash Modification Factor (CMF)

**Value:** 1.151

**Adjusted Standard Error:**

**Unadjusted Standard Error:** 0.14

### Crash Reduction Factor (CRF)

**Value:** -15.1 (This value indicates an **increase** in crashes)

**Adjusted Standard Error:**

**Unadjusted Standard Error:**

14

### Applicability

**Crash Type:**

Sideswipe

**Crash Severity:**

All

**Roadway Types:**

Principal Arterial Other Freeways and Expressways

**Number of Lanes:**

4 to 6+

**Road Division Type:**

Divided by Median

**Speed Limit:**

**Area Type:**

Urban

**Traffic Volume:**

5700 to 309000 *Annual Average Daily Traffic (AADT)*

**Time of Day:**

All

### *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:**

2007 to 2010

**Municipality:**

**State:**

FL

<b>Country:</b>	USA
<b>Type of Methodology Used:</b>	7
<b>Sample Size Used:</b>	5821 Crashes

<b>Other Details</b>	
<b>Included in Highway Safety Manual?</b>	No
<b>Date Added to Clearinghouse:</b>	Apr-30-2014
<b>Comments:</b>	CMF for urban freeway interchange areas

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