



## CMF / CRF Details

**CMF ID: 5105**

**Provide a raised median**

**Description:**

**Prior Condition: Two-way left-turn lane**

**Category: Access management**

**Study: [Before-and-after safety study of roadways Where new medians have been added, Alluri et al., 2012](#)**

**Star Quality Rating:**



### Crash Modification Factor (CMF)

**Value:** 0.529

**Adjusted Standard Error:**

**Unadjusted Standard Error:** 0.117

### Crash Reduction Factor (CRF)

**Value:** 47.1 (This value indicates a **decrease** in crashes)

**Adjusted Standard Error:**

<b>Unadjusted Standard Error:</b>	11.7
-----------------------------------	------

### Applicability

<b>Crash Type:</b>	Right turn
<b>Crash Severity:</b>	All
<b>Roadway Types:</b>	Principal Arterial Other
<b>Number of Lanes:</b>	6
<b>Road Division Type:</b>	Divided by TWLTL
<b>Speed Limit:</b>	
<b>Area Type:</b>	Urban and suburban
<b>Traffic Volume:</b>	26224 to 57000 <i>Annual Average Daily Traffic (AADT)</i>
<b>Time of Day:</b>	All

### *If countermeasure is intersection-based*

<b>Intersection Type:</b>	
<b>Intersection Geometry:</b>	
<b>Traffic Control:</b>	
<b>Major Road Traffic Volume:</b>	
<b>Minor Road Traffic Volume:</b>	

### Development Details

<b>Date Range of Data Used:</b>	2003 to 2010
<b>Municipality:</b>	
<b>State:</b>	FL

<b>Country:</b>	USA
<b>Type of Methodology Used:</b>	3
<b>Sample Size Used:</b>	
<b>Before Sample Size Used:</b>	59
<b>After Sample Size Used:</b>	31

<b>Other Details</b>	
<b>Included in Highway Safety Manual?</b>	No
<b>Date Added to Clearinghouse:</b>	Aug-01-2013
<b>Comments:</b>	

---

This site is funded by the U.S. Department of Transportation Federal Highway Administration and maintained by the University of North Carolina Highway Safety Research Center

*The information contained in the Crash Modification Factors (CMF) Clearinghouse is disseminated under the sponsorship of the U.S. Department of Transportation in the interest of information exchange. The U.S. Government assumes no liability for the use of the information contained in the CMF Clearinghouse. The information contained in the CMF Clearinghouse does not constitute a standard, specification, or regulation, nor is it a substitute for sound engineering judgment.*