



# CMF / CRF Details

**CMF ID: 7825**

**Convert 12-foot lanes to 11-foot lanes**

**Description: Convert 12-foot lanes to 11-foot lanes**

**Prior Condition: Roadway with 12-foot lanes**

**Category: Roadway**

**Study: [Validation and Application of Highway Safety Manual \(Part D\) in Florida, Abdel-Aty et al., 2014](#)**

**Star Quality Rating:**

3 Stars

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

## Crash Modification Factor (CMF)

**Value:** 0.76

**Adjusted Standard Error:**

**Unadjusted Standard Error:** 0.07

## Crash Reduction Factor (CRF)

**Value:** 24 (This value indicates a **decrease** in crashes)

**Adjusted Standard Error:**

**Unadjusted Standard Error:** 7

## Applicability

**Crash Type:**

All

**Crash Severity:**

All

**Roadway Types:**

Not specified

**Number of Lanes:**

>2

**Road Division Type:**

Divided by Median

**Speed Limit:**

**Area Type:**

Rural

**Traffic Volume:**

1600 to 139000 *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:**

2010 to 2012

**Municipality:**

**State:**

FL

**Country:**

USA

**Type of Methodology Used:**

7

<b>Sample Size Used:</b>	
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<b>Other Details</b>	
<b>Included in Highway Safety Manual?</b>	No
<b>Date Added to Clearinghouse:</b>	Mar-08-2016
<b>Comments:</b>	CMFs of narrowing lane width from 12 feet to 11 feet on rural divided multiple-lane roadways.

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