



CMF / CRF Details

CMF ID: 7827

Convert 12-foot lanes to 10-foot lanes

Description: Convert 12-foot lanes to 10-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:

8 Stars

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

Crash Modification Factor (CMF)

Value: 0.58

Adjusted Standard Error:

Unadjusted Standard Error: 0.13

Crash Reduction Factor (CRF)

Value: 42 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error: 13

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

| | |
|--------------------------|--|
| Sample Size Used: | |
|--------------------------|--|

| Other Details | |
|---|---|
| Included in Highway Safety Manual? | No |
| Date Added to Clearinghouse: | Mar-08-2016 |
| Comments: | CMFs of narrowing lane width from 12 feet to 10 feet on rural divided multi-lane roadways. Speed limit here is the average speed limit. |

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