



CMF / CRF Details

CMF ID: 7812

10-ft to 70-ft conversion (median width)

Description: Convert a 10-ft traversable median to a 70-ft traversable median

Prior Condition: Roadways with a 10ft median

Category: Access management

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:

0.7

Adjusted Standard Error:

Unadjusted Standard Error:

0.14

Crash Reduction Factor (CRF)

Value:

30 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error:

14

Applicability

Crash Type:

All

Crash Severity:

All

Roadway Types:

Not specified

Number of Lanes:

4

Road Division Type:

Divided by Median

Speed Limit:

Area Type:

Urban

Traffic Volume:

100 to 97000 *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:	
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Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Mar-08-2016
Comments:	CMFs of widening the median width from 10ft to 70ft on urban 4-lane roadways with partial or no access control

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