



CMF / CRF Details

CMF ID: 7818

10-ft to 90-ft conversion (median width)

Description: Convert a 10-ft traversable median to a 90-ft traversable median

Prior Condition: Roadway 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:



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

Crash Modification Factor (CMF)

Value: 0.62

Adjusted Standard Error:

Unadjusted Standard Error: 0.17

Crash Reduction Factor (CRF)

Value: 38 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error:

17

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:	Regression cross-section
Sample Size Used:	

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Mar-08-2016
Comments:	CMFs of widening a median from 10 ft to 90 ft on urban 4-lane roadways with partial or no access control

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