



# CMF / CRF Details

CMF ID: 10229

Reduce lane width from 12 ft to less than 12 ft

Description: Reduce average lane width from at least 12 ft wide to less than 12 ft wide

Prior Condition: Average lane width is 12 ft

Category: Roadway

Study: [Estimation of bicycle crash modification factors \(CMFs\) on urban facilities using zero inflated negative binomial models, Raihan et al., 2019](#)

Star Quality Rating:	
8 Stars	<a href="#">[View score details]</a>

Crash Modification Factor (CMF)	
Value:	1.25
Adjusted Standard Error:	
Unadjusted Standard Error:	0.1

Crash Reduction Factor (CRF)	
Value:	-25 (This value indicates an <b>increase</b> in crashes)
Adjusted Standard Error:	
Unadjusted Standard Error:	10

**Applicability**

<b>Crash Type:</b>	Vehicle/bicycle
<b>Crash Severity:</b>	All
<b>Roadway Types:</b>	Not specified
<b>Number of Lanes:</b>	6
<b>Road Division Type:</b>	Divided by Median
<b>Speed Limit:</b>	40-55 MPH
<b>Area Type:</b>	Urban
<b>Traffic Volume:</b>	8000 to 98500 <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>	2011 to 2014
<b>Municipality:</b>	
<b>State:</b>	FL
<b>Country:</b>	USA

<b>Type of Methodology Used:</b>	7
<b>Sample Size Used:</b>	

<b>Other Details</b>	
<b>Included in Highway Safety Manual?</b>	No
<b>Date Added to Clearinghouse:</b>	Dec-07-2019
<b>Comments:</b>	This CMF applies to vehicle/bicycle crashes on urban six-lane divided segments. Applicable for 10 and 11 foot lanes.

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