



# CMF / CRF Details

**CMF ID: 7936**

**Increase from 4 lanes to 6 lanes**


**Description:**

**Prior Condition: 4 lane roadway with LOS D**

**Category: Roadway**

**Study:** [Assessment of safety effects for widening urban roadways in developing crash modification functions using nonlinearizing link functions, Park et al., 2015](#)



<b>Star Quality Rating:</b>	 <a href="#">[View score details]</a>
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## Crash Modification Factor (CMF)

<b>Value:</b>	0.918
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<b>Adjusted Standard Error:</b>	
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<b>Unadjusted Standard Error:</b>	0.096
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## Crash Reduction Factor (CRF)

<b>Value:</b>	8.2 (This value indicates a <b>decrease</b> in crashes)
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<b>Adjusted Standard Error:</b>	
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<b>Unadjusted Standard Error:</b>	9.6
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### Applicability

<b>Crash Type:</b>	All
<b>Crash Severity:</b>	All
<b>Roadway Types:</b>	Not specified
<b>Number of Lanes:</b>	
<b>Road Division Type:</b>	
<b>Speed Limit:</b>	40-60
<b>Area Type:</b>	Urban
<b>Traffic Volume:</b>	20500 to 60683 <i>Annual Average Daily Traffic (AADT)</i>
<b>Time of Day:</b>	

### *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>	2003 to 2012
<b>Municipality:</b>	
<b>State:</b>	FL

<b>Country:</b>	
<b>Type of Methodology Used:</b>	Before/after using empirical Bayes or full Bayes
<b>Sample Size Used:</b>	

<b>Other Details</b>	
<b>Included in Highway Safety Manual?</b>	No
<b>Date Added to Clearinghouse:</b>	Mar-08-2016
<b>Comments:</b>	LOS change from D (4 lanes) to D (6 lanes)

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