



CMF / CRF Details

CMF ID: 7926

Increase from 4 lanes to 6 lanes

Description:

Prior Condition: 4 lane roadway

Category: Roadway

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

Star Quality Rating:



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

Crash Modification Factor (CMF)

Value: 0.847

Adjusted Standard Error:

Unadjusted Standard Error: 0.068

Crash Reduction Factor (CRF)

Value: 15.3 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:

| | |
|-----------------------------------|-----|
| Unadjusted Standard Error: | 6.8 |
|-----------------------------------|-----|

Applicability

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

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: | 2003 to 2012 |
| Municipality: | |
| State: | FL |

| | |
|----------------------------------|--|
| Country: | |
| Type of Methodology Used: | Before/after using empirical Bayes or full Bayes |
| Sample Size Used: | |

| Other Details | |
|---|---------------------------------|
| Included in Highway Safety Manual? | No |
| Date Added to Clearinghouse: | Mar-08-2016 |
| Comments: | CMF after 2nd year of treatment |

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