



CMF / CRF Details

CMF ID: 3002

Convert an open median to a mixed median on the major approach to a 3-leg unsignalized intersection

Description: Convert an open median to a mixed median on the major approach to a 3-leg unsignalized intersection

Prior Condition: unsignalized 3-leg intersection with an open median on the major approach

Category: Access management

Study: [The Group Least Absolute Shrinkage and Selection Operator "GLASSO" Technique: Application in Variable Selection and Crash Prediction at Unsignalized Intersections, Haleem and Abdel-Aty, 2010](#)

Star Quality Rating:



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

Crash Modification Factor (CMF)

Value: 0.95

Adjusted Standard Error:

Unadjusted Standard Error: 0.133

Crash Reduction Factor (CRF)

| | |
|-----------------------------------|---|
| Value: | 5 (This value indicates a decrease in crashes) |
| Adjusted Standard Error: | |
| Unadjusted Standard Error: | 13.3 |

Applicability

| | |
|----------------------------|---------------|
| Crash Type: | All |
| Crash Severity: | All |
| Roadway Types: | Not Specified |
| Number of Lanes: | 2 to 8 |
| Road Division Type: | |
| Speed Limit: | |
| Area Type: | All |
| Traffic Volume: | |
| Time of Day: | All |

If countermeasure is intersection-based

| | |
|-----------------------------------|---|
| Intersection Type: | Roadway/roadway (not interchange related) |
| Intersection Geometry: | 3-leg |
| Traffic Control: | Stop-controlled |
| Major Road Traffic Volume: | |
| Minor Road Traffic Volume: | |

Development Details

| | |
|---------------------------------|--------------|
| Date Range of Data Used: | 2003 to 2006 |
|---------------------------------|--------------|

| | |
|----------------------------------|--------------------------|
| Municipality: | |
| State: | FL |
| Country: | U.S.A. |
| Type of Methodology Used: | Regression cross-section |
| Sample Size Used: | 1735 Sites |

| Other Details | |
|---|-------------|
| Included in Highway Safety Manual? | No |
| Date Added to Clearinghouse: | Jul-15-2011 |
| Comments: | |

This site is funded by the U.S. Department of Transportation Federal Highway Administration and maintained by the University of North Carolina Highway Safety Research Center

The information contained in the Crash Modification Factors (CMF) Clearinghouse is disseminated under the sponsorship of the U.S. Department of Transportation in the interest of information exchange. The U.S. Government assumes no liability for the use of the information contained in the CMF Clearinghouse. The information contained in the CMF Clearinghouse does not constitute a standard, specification, or regulation, nor is it a substitute for sound engineering judgment.