



CMF / CRF Details

CMF ID: 3007

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

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

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: | |
| <input type="text" value="3 Stars"/> | [View score details] |

| Crash Modification Factor (CMF) | |
|---------------------------------|--------|
| Value: | 0.86 |
| Adjusted Standard Error: | |
| Unadjusted Standard Error: | 0.1297 |

| Crash Reduction Factor (CRF) | |
|------------------------------|--|
| Value: | 14 (This value indicates a decrease in crashes) |
| Adjusted Standard Error: | |

| | |
|-----------------------------------|-------|
| Unadjusted Standard Error: | 12.97 |
|-----------------------------------|-------|

Applicability

| | |
|--------------------|-----|
| Crash Type: | All |
|--------------------|-----|

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|------------------------|-----|
| Crash Severity: | All |
|------------------------|-----|

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|-----------------------|---------------|
| Roadway Types: | Not Specified |
|-----------------------|---------------|

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|-------------------------|--------|
| Number of Lanes: | 2 to 8 |
|-------------------------|--------|

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|----------------------------|--|
| Road Division Type: | |
|----------------------------|--|

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|---------------------|--|
| Speed Limit: | |
|---------------------|--|

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|-------------------|-----|
| Area Type: | All |
|-------------------|-----|

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|------------------------|--|
| Traffic Volume: | |
|------------------------|--|

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|---------------------|-----|
| Time of Day: | All |
|---------------------|-----|

If countermeasure is intersection-based

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|---------------------------|---|
| Intersection Type: | Roadway/roadway (not interchange related) |
|---------------------------|---|

| | |
|-------------------------------|-------|
| Intersection Geometry: | 3-leg |
|-------------------------------|-------|

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|-------------------------|-----------------|
| Traffic Control: | Stop-controlled |
|-------------------------|-----------------|

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| Major Road Traffic Volume: | |
|-----------------------------------|--|

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|-----------------------------------|--|
| Minor Road Traffic Volume: | |
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Development Details

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

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|---------------|----|
| State: | FL |
|---------------|----|

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|----------------------------------|------------|
| Country: | U.S.A. |
| Type of Methodology Used: | 7 |
| Sample Size Used: | 1735 Sites |

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

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