



CMF / CRF Details

CMF ID: 2497

Change in signal spacing from X 1000's feet to Y 1000's feet

Description: Change the distance between signals in 1000's feet

Prior Condition: Smaller or larger distance between signals in 1000's feet

Category: Access management

Study: [Modeling and Evaluating the Safety Impacts of Access Management \(AM\) Features in the Las Vegas Valley, Mauga and Kaseko, 2010](#)

| | |
|--------------------------------------|--------------------------------------|
| Star Quality Rating: | |
| <input type="text" value="4 Stars"/> | [View score details] |

| Crash Modification Factor (CMF) | |
|--|--------------------|
| Value: | $e^{-0.1144(Y-X)}$ |
| Adjusted Standard Error: | |
| Unadjusted Standard Error: | |

| Crash Reduction Factor (CRF) | |
|-------------------------------------|--|
| Value: | $-100 * \left(e^{-0.1144(Y-X)} - 1 \right)$ |
| Adjusted Standard Error: | |

Unadjusted Standard Error:

Applicability

Crash Type:

Angle,Fixed object,Head on,Rear end,Run off road,Sideswipe,Single vehicle

Crash Severity:

All

Roadway Types:

All

Number of Lanes:

Road Division Type:

Divided by TWLTL

Speed Limit:

30-45

Area Type:

Urban

Traffic Volume:

4883 to 71280 *Annual Average Daily Traffic (AADT)*

Time of Day:

Not specified

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:

2002 to 2006

Municipality:

State:

NV

| | |
|----------------------------------|---------|
| Country: | |
| Type of Methodology Used: | 7 |
| Sample Size Used: | Crashes |

| Other Details | |
|---|-------------|
| Included in Highway Safety Manual? | No |
| Date Added to Clearinghouse: | Aug-11-2010 |
| Comments: | |

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