



CMF / CRF Details

CMF ID: 2195

Presence of bus stops (bike crashes)

Description: Bus stops at signalized intersections

Prior Condition: *No Prior Condition(s)*

Category: Transit

Study: [Assessing Critical Factors Associated with Bicycle Collisions at Urban Signalized Intersections, Oh et al., 2008](#)

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

| Crash Modification Factor (CMF) | |
|--|------|
| Value: | 0.18 |
| Adjusted Standard Error: | |
| Unadjusted Standard Error: | 0.22 |

| Crash Reduction Factor (CRF) | |
|-------------------------------------|--|
| Value: | 81.91 <i>(This value indicates a decrease in crashes)</i> |
| Adjusted Standard Error: | |
| Unadjusted Standard Error: | 22.1 |

Applicability

Crash Type: Vehicle/bicycle

Crash Severity: All

Roadway Types: Not Specified

Number of Lanes:

Road Division Type:

Speed Limit:

Area Type:

Traffic Volume:

Time of Day: All

If countermeasure is intersection-based

Intersection Type:

Intersection Geometry:

Traffic Control: Signalized

Major Road Traffic Volume:

Minor Road Traffic Volume:

Development Details

Date Range of Data Used: 2005 to 2005

Municipality: Incheon, South Korea

State:

Country:

Type of Methodology Used: 7

| | |
|--------------------------|-----|
| Sample Size Used: | 151 |
|--------------------------|-----|

| Other Details | |
|---|------------------------------|
| Included in Highway Safety Manual? | No |
| Date Added to Clearinghouse: | Dec-01-2009 |
| Comments: | For bicycle-related crashes. |

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

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