



# CMF / CRF Details

CMF ID: 7841

Install bicycle lanes

Description:

Prior Condition: Roadway without bike lanes

Category: Bicyclists

Study: [Validation and Application of Highway Safety Manual \(Part D\) in Florida, Abdel-Aty et al., 2014](#)

Star Quality Rating:

Stars

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

## Crash Modification Factor (CMF)

Value: 0.4

Adjusted Standard Error:

Unadjusted Standard Error: 0.09

## Crash Reduction Factor (CRF)

Value: 60 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error: 9

## Applicability

|                            |   |
|----------------------------|---|
| <b>Crash Type:</b>         | Vehicle/bicycle   |
| <b>Crash Severity:</b>     | K (fatal),A (serious injury),B (minor injury),C (possible injury) |
| <b>Roadway Types:</b>      | Not specified   |
| <b>Number of Lanes:</b>    | >2  |
| <b>Road Division Type:</b> | All   |
| <b>Speed Limit:</b>        |   |
| <b>Area Type:</b>          | Urban   |
| <b>Traffic Volume:</b>     | 2900 to 59500 <i>Annual Average Daily Traffic (AADT)</i>          |
| <b>Time of Day:</b>        | All   |

### *If countermeasure is intersection-based*

|                                   |  |
|-----------------------------------|--|
| <b>Intersection Type:</b>         |  |
| <b>Intersection Geometry:</b>     |  |
| <b>Traffic Control:</b>           |  |
| <b>Major Road Traffic Volume:</b> |  |
| <b>Minor Road Traffic Volume:</b> |  |

## Development Details

|                                  |              |
|----------------------------------|--------------|
| <b>Date Range of Data Used:</b>  | 2008 to 2012 |
| <b>Municipality:</b>             |              |
| <b>State:</b>                    | FL           |
| <b>Country:</b>                  | USA          |
| <b>Type of Methodology Used:</b> | 7            |

|   |             |
|---|-------------|
| <b>Sample Size Used:</b>                  |             |
| <b>Other Details</b>                      |             |
| <b>Included in Highway Safety Manual?</b> | No          |
| <b>Date Added to Clearinghouse:</b>       | Mar-08-2016 |
| <b>Comments:</b>                          |             |

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