



CMF / CRF Details

CMF ID: 9123

Median treatment for ped/bike safety

Description: Install various median treatment: median fencing, sidewalk fencing, median brick planters, pedestrian islands

Prior Condition: *No Prior Condition(s)*

Category: Roadside

Study: [Analyzing the Impact of Median Treatments on Pedestrian/Bicyclist Safety, Zhang et al., 2017](#)

Star Quality Rating:

8 Stars

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

Crash Modification Factor (CMF)

Value: 0.14

Adjusted Standard Error:

Unadjusted Standard Error: 0.07

Crash Reduction Factor (CRF)

Value: 86 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error: 7

Applicability

Crash Type:

Vehicle/bicycle,Vehicle/pedestrian

Crash Severity:

K (fatal)

Roadway Types:

Not specified

Number of Lanes:

Road Division Type:

Divided by Median

Speed Limit:

Area Type:

Urban

Traffic Volume:

Time of Day:

All

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:

1998 to 2016

Municipality:

State:

MD

Country:

USA

Type of Methodology Used:	2
Sample Size Used:	

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Jan-17-2018
Comments:	For fatal ped/bike related crashes

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