



CMF / CRF Details

CMF ID: 4048

Installation of additional travel lanes and a raised island

Description: At two-lane intersections where bicyclists are crossing the main/priority road

Prior Condition: Two lane road with no raised median on the priority road

Category: Bicyclists

Study: [Road Factors and Bicycle-Motor Vehicle Crashes at Unsignalized Priority Intersections, Schepers et al., 2011](#)

Star Quality Rating:



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

Crash Modification Factor (CMF)

Value: 1.1

Adjusted Standard Error:

Unadjusted Standard Error: 0.456

Crash Reduction Factor (CRF)

Value: -10 (This value indicates an **increase** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error:	45.6
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Applicability

Crash Type:	Vehicle/bicycle
Crash Severity:	All
Roadway Types:	All
Number of Lanes:	
Road Division Type:	
Speed Limit:	
Area Type:	Urban and suburban
Traffic Volume:	
Time of Day:	All

If countermeasure is intersection-based

Intersection Type:	Roadway/roadway (not interchange related)
Intersection Geometry:	
Traffic Control:	
Major Road Traffic Volume:	
Minor Road Traffic Volume:	

Development Details

Date Range of Data Used:	2005 to 2008
Municipality:	
State:	

Country:	Netherlands
Type of Methodology Used:	7
Sample Size Used:	124 Site-years

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Jun-04-2012
Comments:	

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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