



CMF / CRF Details

CMF ID: 3092

Install bicycle boulevard

Description: Bicycle boulevards are two-way streets with one travel lane and one parking lane in each direction and incorporate signage, pavement markings, and special bike connections.

Prior Condition: No bicycle boulevards, but many traffic calming devices were preexisting.

Category: Bicyclists

Study: [*Cyclist Safety on Bicycle Boulevards and Parallel Arterial Routes in Berkeley, California, Minikel, E., 2011*](#)

Star Quality Rating:



Crash Modification Factor (CMF)

Value: 0.37

Adjusted Standard Error:

Unadjusted Standard Error: 0.052

Crash Reduction Factor (CRF)

Value: 63 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:	
Unadjusted Standard Error:	5.2

Applicability

Crash Type:	Vehicle/bicycle
Crash Severity:	All
Roadway Types:	Not Specified
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:	
Intersection Geometry:	
Traffic Control:	
Major Road Traffic Volume:	
Minor Road Traffic Volume:	

Development Details

Date Range of Data Used:	2003 to 2008
Municipality:	Berkeley

State:	CA
Country:	USa
Type of Methodology Used:	6
Sample Size Used:	2114

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Jul-15-2011
Comments:	

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