



CMF / CRF Details

CMF ID: 9337

Conversion of intersection into single-lane roundabout

Description: Conversion of intersection into single-lane roundabout

Prior Condition: signalized, stop-controlled, yield-controlled and non-controlled intersections

Category: Intersection geometry

Study: [Safe roundabouts for cyclists, Jensen, S. U., 2017](#)

Star Quality Rating:	
<input type="text" value="2 Stars"/>	[View score details]

Crash Modification Factor (CMF)	
Value:	3.39
Adjusted Standard Error:	
Unadjusted Standard Error:	1.2

Crash Reduction Factor (CRF)	
Value:	-239 (This value indicates an increase in crashes)
Adjusted Standard Error:	
Unadjusted Standard Error:	120

Applicability

Crash Type: Vehicle/bicycle

Crash Severity: All

Roadway Types: Not specified

Number of Lanes:

Road Division Type: All

Speed Limit: 40km/h to 130km/h

Area Type: All

Traffic Volume:

Time of Day: All

If countermeasure is intersection-based

Intersection Type: Roadway/roadway (not interchange related)

Intersection Geometry: No values chosen.

Traffic Control: Not specified

Major Road Traffic Volume:

Minor Road Traffic Volume:

Development Details

Date Range of Data Used:

Municipality:

State:

Country: Denmark

Type of Methodology Used: 1

Sample Size Used:

Other Details

Included in Highway Safety Manual?

No

Date Added to Clearinghouse:

Jun-17-2018

Comments:

Type of bicycle facility: Cycle lane
Central island height=0 to 1.9m
Central island diameter=20m-39.9m

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