



CMF / CRF Details

CMF ID: 9313

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:	0.71
Adjusted Standard Error:	
Unadjusted Standard Error:	0.362

Crash Reduction Factor (CRF)	
Value:	29 (This value indicates a decrease in crashes)
Adjusted Standard Error:	
Unadjusted Standard Error:	36.2

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: Urban

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:	
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Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Jun-17-2018
Comments:	Central island height=20 to 10mCentral island diameter=20m-39.9m

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