



CMF / CRF Details

CMF ID: 9295

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:	0.94
Adjusted Standard Error:	
Unadjusted Standard Error:	0.235

Crash Reduction Factor (CRF)	
Value:	6 (This value indicates a decrease in crashes)
Adjusted Standard Error:	
Unadjusted Standard Error:	23.5

Applicability

Crash Type:

All

Crash Severity:

All

Roadway Types:

Not specified

Number of Lanes:

Road Division Type:

All

Speed Limit:

40km/h to 130km/h

Area Type:

Rural

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=2 to 10m Central island diameter=40m-60m

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