



CMF / CRF Details

CMF ID: 9338

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:



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

Crash Modification Factor (CMF)

Value: 2.89

Adjusted Standard Error:

Unadjusted Standard Error: 0.582

Crash Reduction Factor (CRF)

Value: -189 (This value indicates an **increase** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error: 58.2

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: 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:	Before/after using comparison group
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: All

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