



CMF / CRF Details

CMF ID: 9351

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](#)

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

| Crash Modification Factor (CMF) | |
|--|-------|
| Value: | 1.11 |
| Adjusted Standard Error: | |
| Unadjusted Standard Error: | 1.643 |

| Crash Reduction Factor (CRF) | |
|-------------------------------------|--|
| Value: | -11 (This value indicates an increase in crashes) |
| Adjusted Standard Error: | |
| Unadjusted Standard Error: | 164.3 |

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 track Central island height=2 to 10m Central island diameter=20m-39.9m |

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