



CMF / CRF Details

CMF ID: 9285

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="3 Stars"/> | [View score details] |

| Crash Modification Factor (CMF) | |
|--|-------|
| Value: | 0.75 |
| Adjusted Standard Error: | |
| Unadjusted Standard Error: | 0.048 |

| Crash Reduction Factor (CRF) | |
|-------------------------------------|--|
| Value: | 25 (This value indicates a decrease in crashes) |
| Adjusted Standard Error: | |
| Unadjusted Standard Error: | 4.85 |

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:

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: | Central island height=0 to 1.9mAll central island diameters (0-60m) |

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