



# CMF / CRF Details

CMF ID: 9363

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"/> | <a href="#">[View score details]</a> |

| Crash Modification Factor (CMF) |   |
|---------------------------------|---|
| Value:                          | 0 |
| Adjusted Standard Error:        |   |
| Unadjusted Standard Error:      |   |

| Crash Reduction Factor (CRF) |   |
|------------------------------|---|
| Value:                       | 100 (This value indicates a <b>decrease</b> in crashes) |
| Adjusted Standard Error:     |   |
| Unadjusted Standard Error:   |   |

## 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 lane  
Central island height=2 to 10m  
Central island diameter: 3.5m-19.9m

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