



CMF / CRF Details

CMF ID: 9316

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: 0.56

Adjusted Standard Error:

Unadjusted Standard Error: 0.209

Crash Reduction Factor (CRF)

Value: 44 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error:	20.9
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Applicability

Crash Type:	Vehicle/bicycle
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Crash Severity:	All
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Roadway Types:	Not specified
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Number of Lanes:	
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Road Division Type:	All
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Speed Limit:	40km/h to 130km/h
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Area Type:	All
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Traffic Volume:	
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Time of Day:	All
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If countermeasure is intersection-based

Intersection Type:	Roadway/roadway (not interchange related)
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Intersection Geometry:	No values chosen.
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Traffic Control:	Not specified
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Major Road Traffic Volume:	
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Minor Road Traffic Volume:	
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Development Details

Date Range of Data Used:	
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Municipality:	
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State:	
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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:	Central island height=2 to 10mAll central island diameters (0-60m)

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