



CMF / CRF Details

CMF ID: 9343

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"/>	[View score details]

Crash Modification Factor (CMF)	
Value:	0.84
Adjusted Standard Error:	
Unadjusted Standard Error:	0.173

Crash Reduction Factor (CRF)	
Value:	16 (This value indicates a decrease in crashes)
Adjusted Standard Error:	
Unadjusted Standard Error:	17.3

Applicability

Crash Type:	Other
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:	
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Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Jun-17-2018
Comments:	Crash type: All except bicycle crashes Type of bicycle facility: Cycle lane Central island height=0 to 1.9m Central island diameter=20m-39.9m

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