CMF / CRF Details

CMF ID: 9348

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:	2 Stars [View score details]

Crash Modification Factor (CMF)	
Value:	2.62
Adjusted Standard Error:	
Unadjusted Standard Error:	1.827

Crash Reduction Factor (CRF)	
Value:	-162 *(This value indicates an **increase** in crashes)*
Adjusted Standard Error:	
Unadjusted Standard Error:	182.7

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 trackCentral island height=0 to 1.9mCentral island diameter=3.5m-19.9m

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