CRASH MODIFICATION FACTORS CLEARINGHOUSE

CMF / CRF Details

CMF ID: 9337

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:	3.39
Adjusted Standard Error:	
Unadjusted Standard Error:	1.2

Crash Reduction Factor (CRF)	
Value:	-239 *(This value indicates an **increase** in crashes)*
Adjusted Standard Error:	

Unadjusted Standard Error:	120

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:	Before/after using comparison group
Sample Size Used:	

Other Details

Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Jun-17-2018
Comments:	Type of bicycle facility: Cycle laneCentral island height=0 to 1.9mCentral island diameter=20m-39.9m

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