



CMF / CRF Details

CMF ID: 2973

Convert an open median to a TWLTL

Description: Convert an open median to a two-way left-turn lane (TWLTL)

Prior Condition: A 4-leg unsignalized intersection has an open median along the major road

Category: Access management

Study: [Using a Reliability Process to Reduce Uncertainty in Predicting Crashes at Unsignalized Intersections, Haleem et al., 2010](#)

Star Quality Rating:	
<input type="text" value="2 Stars"/>	[View score details]

Crash Modification Factor (CMF)	
Value:	1.45
Adjusted Standard Error:	
Unadjusted Standard Error:	0.21

Crash Reduction Factor (CRF)	
Value:	-45 (This value indicates an increase in crashes)
Adjusted Standard Error:	
Unadjusted Standard Error:	21.3

Applicability

Crash Type:	All
Crash Severity:	All
Roadway Types:	Not Specified
Number of Lanes:	
Road Division Type:	
Speed Limit:	
Area Type:	Not specified
Traffic Volume:	
Time of Day:	All

If countermeasure is intersection-based

Intersection Type:	Roadway/roadway (not interchange related)
Intersection Geometry:	4-leg
Traffic Control:	Stop-controlled
Major Road Traffic Volume:	8955 to 66171 Annual Average Daily Traffic (AADT)
Minor Road Traffic Volume:	

Development Details

Date Range of Data Used:	2003 to 2006
Municipality:	Orange County
State:	FL
Country:	U.S.A.

Type of Methodology Used:	7
Sample Size Used:	176 Crashes

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Mar-21-2011
Comments:	

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