



CMF / CRF Details

CMF ID: 2971

Provide a right-turn lane on one major-road approach

Description:

Prior Condition: Neither major approach to a 4-leg unsignalized intersection has a right-turn lane

Category: Intersection geometry

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

Star Quality Rating:



[\[View score details\]](#)

Crash Modification Factor (CMF)

Value: 0.75

Adjusted Standard Error:

Unadjusted Standard Error: 0.19

Crash Reduction Factor (CRF)

Value: 25 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error:	18.8
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Applicability	
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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

<i>If countermeasure is intersection-based</i>	
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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	
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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:	Countermeasure name has been slightly modified for consistency across Clearinghouse

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