



# CMF / CRF Details

CMF ID: 2972

**Permit through movements from both minor approaches to an intersection instead of from only one minor approach**

**Description: Allow through movements from both minor approaches to an unsignalized intersection instead of permitting through movements from only one minor approach**

**Prior Condition: Through movements permitted from one minor approach**

**Category: Intersection geometry**

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

<b>Star Quality Rating:</b>	
<input type="text" value="3 Stars"/>	<a href="#">[View score details]</a>

Crash Modification Factor (CMF)	
<b>Value:</b>	0.31
<b>Adjusted Standard Error:</b>	
<b>Unadjusted Standard Error:</b>	0.09

Crash Reduction Factor (CRF)	
<b>Value:</b>	69 (This value indicates a <b>decrease</b> in crashes)
<b>Adjusted Standard Error:</b>	

<b>Unadjusted Standard Error:</b>	8.9
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<b>Applicability</b>	
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<b>Crash Type:</b>	All
<b>Crash Severity:</b>	All
<b>Roadway Types:</b>	Not Specified
<b>Number of Lanes:</b>	
<b>Road Division Type:</b>	
<b>Speed Limit:</b>	
<b>Area Type:</b>	Not specified
<b>Traffic Volume:</b>	
<b>Time of Day:</b>	All

<b><i>If countermeasure is intersection-based</i></b>	
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<b>Intersection Type:</b>	Roadway/roadway (not interchange related)
<b>Intersection Geometry:</b>	4-leg
<b>Traffic Control:</b>	Stop-controlled
<b>Major Road Traffic Volume:</b>	8955 to 66171 Annual Average Daily Traffic (AADT)
<b>Minor Road Traffic Volume:</b>	

<b>Development Details</b>	
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<b>Date Range of Data Used:</b>	2003 to 2006
<b>Municipality:</b>	Orange County
<b>State:</b>	FL

<b>Country:</b>	U.S.A.
<b>Type of Methodology Used:</b>	7
<b>Sample Size Used:</b>	176 Crashes

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

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