



## CMF / CRF Details

**CMF ID: 8655**

### **Convert a T intersection into a continuous green T intersection**


**Description:** The continuous green T intersection is characterized by a channelized left-turn movement from the minor street approach onto the major street, along with a continuous through movement on the major street. The continuous flow through movement is not controlled by the three-phase traffic signal that is used to separate all other movements at the intersection. Rather, the continuous through movement typically has a green through arrow indicator to inform drivers that they do not have to stop.

**Prior Condition:** Signalized T Intersection

**Category:** Intersection geometry

**Study:** [\*Safety Evaluation of Continuous Green T Intersections: A Propensity Scores-genetic Matching-potential Outcomes Approach, Wood and Donnell, 2016\*](#)

**Star Quality Rating:**

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

### **Crash Modification Factor (CMF)**

**Value:** 0.958

**Adjusted Standard Error:**

**Unadjusted Standard Error:** 0.106

## Crash Reduction Factor (CRF)

<b>Value:</b>	4.2 ( <i>This value indicates a <b>decrease</b> in crashes</i> )
<b>Adjusted Standard Error:</b>	
<b>Unadjusted Standard Error:</b>	10.6

## Applicability

<b>Crash Type:</b>	All
<b>Crash Severity:</b>	All
<b>Roadway Types:</b>	Not specified
<b>Number of Lanes:</b>	2-8
<b>Road Division Type:</b>	
<b>Speed Limit:</b>	15-60
<b>Area Type:</b>	
<b>Traffic Volume:</b>	
<b>Time of Day:</b>	All

### *If countermeasure is intersection-based*

<b>Intersection Type:</b>	Roadway/roadway (not interchange related)
<b>Intersection Geometry:</b>	3-leg
<b>Traffic Control:</b>	Signalized
<b>Major Road Traffic Volume:</b>	8300 to 59000 Annual Average Daily Traffic (AADT)
<b>Minor Road Traffic Volume:</b>	500 to 40000 Annual Average Daily Traffic (AADT)

## Development Details

<b>Date Range of Data Used:</b>	2008 to 2013
<b>Municipality:</b>	
<b>State:</b>	FL, SC
<b>Country:</b>	USA
<b>Type of Methodology Used:</b>	7
<b>Sample Size Used:</b>	

<b>Other Details</b>	
<b>Included in Highway Safety Manual?</b>	No
<b>Date Added to Clearinghouse:</b>	Nov-06-2017
<b>Comments:</b>	The study used weighted negative binomial regression with the genetic matched data.

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This site is funded by the U.S. Department of Transportation Federal Highway Administration and maintained by the University of North Carolina Highway Safety Research Center

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