



CMF / CRF Details

CMF ID: 5234

Convert from two-way to one-way traffic

Description:

Prior Condition: two-way traffic on corridor near intersection

Category: Roadway

Study: [Corridor-level signalized intersection safety analysis in Shanghai, China using Bayesian hierarchal models, Kun Xie, Xuesong Wang, Helai Huang, Xiahong Chen, 2013](#)

Star Quality Rating:

8 Stars

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Crash Modification Factor (CMF)

Value: 0.53

Adjusted Standard Error:

Unadjusted Standard Error: 0.17

Crash Reduction Factor (CRF)

Value: 47 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error: 17.2

Applicability

Crash Type:	All
Crash Severity:	All
Roadway Types:	Not specified
Number of Lanes:	
Road Division Type:	
Speed Limit:	
Area Type:	Urban
Traffic Volume:	7500 to 56400 <i>Average Daily Traffic (ADT)</i>
Time of Day:	Not specified

If countermeasure is intersection-based

Intersection Type:	
Intersection Geometry:	
Traffic Control:	
Major Road Traffic Volume:	
Minor Road Traffic Volume:	

Development Details

Date Range of Data Used:	2009 to 2009
Municipality:	
State:	
Country:	China

Type of Methodology Used:	7
Sample Size Used:	195 Site-years

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Dec-02-2013
Comments:	

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