



CMF / CRF Details

CMF ID: 503

Active work with temporary lane closure (compared to no work zone)

Description:

Prior Condition: *No Prior Condition(s)*

Category: Work zone

Study: [Traffic Safety Evaluation of Daytime and Nighttime Work Zones, Ullman et al., 2008](#)

Star Quality Rating:	
	★★★★☆

Crash Modification Factor (CMF)	
Value:	1.42
Adjusted Standard Error:	
Unadjusted Standard Error:	0.09

Crash Reduction Factor (CRF)	
Value:	-42 (This value indicates an increase in crashes)
Adjusted Standard Error:	

Unadjusted Standard Error:

9

Applicability

Crash Type:

Nighttime

Crash Severity:

A (serious injury),B (minor injury),C (possible injury)

Roadway Types:

Principal Arterial Other Freeways and Expressways

Number of Lanes:

Road Division Type:

Speed Limit:

Area Type:

Not specified

Traffic Volume:

Time of Day:

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:

Municipality:

State:

Country:	
Type of Methodology Used:	Before/after using empirical Bayes or full Bayes
Sample Size Used:	

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Dec-01-2009
Comments:	

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