



CMF / CRF Details

CMF ID: 524

Active work with no 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:	
8 Stars	

Crash Modification Factor (CMF)	
Value:	1.19
Adjusted Standard Error:	
Unadjusted Standard Error:	0.06

Crash Reduction Factor (CRF)	
Value:	-19 (This value indicates an increase in crashes)
Adjusted Standard Error:	
Unadjusted Standard Error:	6

Applicability

Crash Type:

All

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:

2

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

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

The information contained in the Crash Modification Factors (CMF) Clearinghouse is disseminated under the sponsorship of the U.S. Department of Transportation in the interest of information exchange. The U.S. Government assumes no liability for the use of the information contained in the CMF Clearinghouse. The information contained in the CMF Clearinghouse does not constitute a standard, specification, or regulation, nor is it a substitute for sound engineering judgment.