

CMF / CRF Details

CMF ID: 4785

Install wider markings and shoulder rumble strips with resurfacing

Description: Resurface roadway to improve rideability and install wider pavement markings (increase from 4 inch to 6 inch) and shoulder rumble strips.

Prior Condition: No Prior Condition(s)

Category: Delineation

Study: <u>Benefit/Cost Evaluation of MoDOT's Total Striping and Delineation</u>

Program: Phase II, Potts et al., 2011

Star Quality Rating:	(View score details)

Crash Modification Factor (CMF)	
Value:	0.8
Adjusted Standard Error:	
Unadjusted Standard Error:	0.043

Crash Reduction Factor (CRF)	
Value:	20 (This value indicates a decrease in crashes)
Adjusted Standard Error:	

Applicability	
Crash Type:	All
Crash Severity:	K (fatal),A (serious injury),B (minor injury),C (possible injury)
Roadway Types:	Principal Arterial Other Freeways and Expressways
Number of Lanes:	multi
Road Division Type:	Divided by Median
Speed Limit:	
Area Type:	Urban
Traffic Volume:	
Time of Day:	All
If o	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:	2002 to 2009
Municipality:	
State:	МО

Country:	
Type of Methodology Used:	2
Sample Size Used:	Crashes
Before Sample Size Used:	502 Crashes
After Sample Size Used:	425 Crashes

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	May-01-2013
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.