



CMF / CRF Details

CMF ID: 7245

Install centerline rumble strips

Description:

Prior Condition: Minimum paved roadway width of 20ft

Category: Roadway

Study: [Safety Impacts of a Statewide Centerline Rumble Strip Installation Program, Kay et al., 2015](#)

Star Quality Rating:	
3 Stars	[View score details]

Crash Modification Factor (CMF)	
Value:	0.471
Adjusted Standard Error:	
Unadjusted Standard Error:	0.002

Crash Reduction Factor (CRF)	
Value:	52.9 <i>(This value indicates a decrease in crashes)</i>
Adjusted Standard Error:	
Unadjusted Standard Error:	0.15

Applicability

Crash Type: Angle,Head on,Rear end,Sideswipe,Single vehicle,Wet road,Other

Crash Severity: All

Roadway Types: Principal Arterial Other

Number of Lanes: 2

Road Division Type: Undivided

Speed Limit:

Area Type: Rural

Traffic Volume:

Time of Day: All

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: 2005 to 2013

Municipality:

State: MI

Country: USA

Type of Methodology Used: 2

Sample Size Used:	
--------------------------	--

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Nov-01-2015
Comments:	Target Crashes (Wet Pavement) = angle, head-on, other, rear end, sideswipe opposite, sideswipe same, and single vehicle

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.