



CMF / CRF Details

CMF ID: 7244

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:	0.727
Adjusted Standard Error:	
Unadjusted Standard Error:	0.002

Crash Reduction Factor (CRF)	
Value:	27.3 (This value indicates a decrease in crashes)
Adjusted Standard Error:	
Unadjusted Standard Error:	0.15

Applicability

Crash Type: Angle,Head on,Rear end,Sideswipe,Single vehicle,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:	
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Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Nov-01-2015
Comments:	Target Crashes = angle, head-on, other, rear end, sideswipe opposite, sideswipe same, and single vehicle

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