CMF / CRF Details

CMF ID: 7251

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:	0.607
Adjusted Standard Error:	
Unadjusted Standard Error:	0.002

Crash Reduction Factor (CRF)	
Value:	39.3 *(This value indicates a **decrease** in crashes)*
Adjusted Standard Error:	
Unadjusted Standard Error:	0.2

Applicability

Crash Type:	Angle,Head on,Rear end,Sideswipe,Single vehicle,Other
Crash Severity:	B (minor injury)
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 (B Injury) = angle, head-on, other, rear end, sideswipe opposite, sideswipe same, and single vehicle

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