



# CMF / CRF Details

**CMF ID: 7247**

**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](#)**

<b>Star Quality Rating:</b>	
<b>3 Stars</b>	<a href="#">[View score details]</a>

<b>Crash Modification Factor (CMF)</b>	
<b>Value:</b>	0.572
<b>Adjusted Standard Error:</b>	
<b>Unadjusted Standard Error:</b>	0.001

<b>Crash Reduction Factor (CRF)</b>	
<b>Value:</b>	42.8 (This value indicates a <b>decrease</b> in crashes)
<b>Adjusted Standard Error:</b>	
<b>Unadjusted Standard Error:</b>	0.1

## 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

<b>Sample Size Used:</b>	
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<b>Other Details</b>	
<b>Included in Highway Safety Manual?</b>	No
<b>Date Added to Clearinghouse:</b>	Nov-01-2015
<b>Comments:</b>	Target Crashes (Passing) = angle, head-on, other, rear end, sideswipe opposite, sideswipe same, and single vehicle

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