



# CMF / CRF Details

CMF ID: 9171

## Install in-lane curve warning pavement markings

**Description:** Pavement marking showing the word "Slow" and an arrow to alert drivers to an upcoming curve in the road.

**Prior Condition:** *No Prior Condition(s)*

**Category:** Delineation

**Study:** [Safety Evaluation of Two Curve Warning Treatments: In-Lane Curve Warning Pavement Markings and Oversized Chevron Signs, Lyon et al., 2017](#)

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

Crash Modification Factor (CMF)	
Value:	0.647
Adjusted Standard Error:	
Unadjusted Standard Error:	0.33

Crash Reduction Factor (CRF)	
Value:	35.3 (This value indicates a <b>decrease</b> in crashes)
Adjusted Standard Error:	
Unadjusted Standard Error:	33

**Applicability**

<b>Crash Type:</b>	Other
<b>Crash Severity:</b>	All
<b>Roadway Types:</b>	Not specified
<b>Number of Lanes:</b>	
<b>Road Division Type:</b>	
<b>Speed Limit:</b>	
<b>Area Type:</b>	
<b>Traffic Volume:</b>	590 to 7600 <i>Annual Average Daily Traffic (AADT)</i>
<b>Time of Day:</b>	Night

***If countermeasure is intersection-based***

<b>Intersection Type:</b>	
<b>Intersection Geometry:</b>	
<b>Traffic Control:</b>	
<b>Major Road Traffic Volume:</b>	
<b>Minor Road Traffic Volume:</b>	

**Development Details**

<b>Date Range of Data Used:</b>	
<b>Municipality:</b>	
<b>State:</b>	IA, PA
<b>Country:</b>	USA

<b>Type of Methodology Used:</b>	2
<b>Sample Size Used:</b>	

<b>Other Details</b>	
<b>Included in Highway Safety Manual?</b>	No
<b>Date Added to Clearinghouse:</b>	Nov-17-2017
<b>Comments:</b>	This cmf applies to nighttime run-off road crashes. Sample size is small, use with caution. Excludes intersection-related and animal-related crashes.

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