



CMF / CRF Details

CMF ID: 8978

Install oversized chevron signs

Description: Curve warning treatment with oversized chevron signs

Prior Condition: smaller 12x18in or 24x30in signs

Category: Signs

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:	
<input type="text" value="3 Stars"/>	[View score details]

Crash Modification Factor (CMF)	
Value:	0.852
Adjusted Standard Error:	
Unadjusted Standard Error:	0.189

Crash Reduction Factor (CRF)	
Value:	14.8 (This value indicates a decrease in crashes)
Adjusted Standard Error:	
Unadjusted Standard Error:	18.9

Applicability

Crash Type:

All

Crash Severity:

K (fatal),A (serious injury),B (minor injury),C (possible injury)

Roadway Types:

Not specified

Number of Lanes:

Road Division Type:

Speed Limit:

Area Type:

Not specified

Traffic Volume:

173 to 27235 Annual Average Daily Traffic (AADT)

Time of Day:

Not specified

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:

Municipality:

State:

IA, KS, MO

Country:

USA

Type of Methodology Used:

2

Sample Size Used:	
Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Nov-17-2017
Comments:	Small sample size, use with caution

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