



CMF / CRF Details

CMF ID: 2435

Install new fluorescent curve signs or upgrade existing curve signs to fluorescent sheeting

Description: Enhancing delineation along curves by installing new or replacing existing warning signs, curve delineation signs, and/or post mounted delineators. Warning signs include curve ahead or suggested speed limit and curve delineation signs include chevrons and horizontal arrows.

Prior Condition: No sign or sign without fluorescent sheeting

Category: Signs

Study: [*Safety Evaluation of Improved Curve Delineation, Srinivasan et al., 2009*](#)

Star Quality Rating:



[\[View score details\]](#)

Crash Modification Factor (CMF)

Value: 0.66

Adjusted Standard Error:

Unadjusted Standard Error: 0.115

Crash Reduction Factor (CRF)

Value: 34 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:	
Unadjusted Standard Error:	11.5

Applicability

Crash Type:	Head on,Nighttime,Non-intersection,Run off road,Sideswipe
Crash Severity:	All
Roadway Types:	All
Number of Lanes:	2
Road Division Type:	Undivided
Speed Limit:	
Area Type:	Rural
Traffic Volume:	895 to 20479 <i>Annual Average Daily Traffic (AADT)</i>
Time of Day:	Night

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:	1997 to 2006
Municipality:	

State:	CT
Country:	
Type of Methodology Used:	Before/after using empirical Bayes or full Bayes
Sample Size Used:	
Before Sample Size Used:	46
After Sample Size Used:	22

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	
Comments:	

This site is funded by the U.S. Department of Transportation Federal Highway Administration and maintained by the University of North Carolina Highway Safety Research Center

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