

CMF / CRF Details

CMF ID: 1895

Install a combination of chevron signs, curve warning signs, and/or sequential flashing beacons

Description: Along a curve with a small radius, large deflection angle, available sight distance smaller than stopping sight distance, and superelevation smaller than demanded at design and operating speed

Prior Condition: No curve delineation treatment. Deflection angle greater than 60 gon.

Category: Signs

Study: <u>Safety Evaluation of Curve Delineation Improvements An Empirical Bayes</u> Observational Before-After Study, Montella, 2009

Star Quality Rating: [View score details]

Crash Modification Factor (CMF)		
Value:	0.43	
Adjusted Standard Error:		
Unadjusted Standard Error:	0.09	

Crash Reduction Factor (CRF)

Value:	57 (This value indicates a decrease in crashes)
Adjusted Standard Error:	
Unadjusted Standard Error:	9

Applicability	
Crash Type:	All
Crash Severity:	O (property damage only)
Roadway Types:	Principal Arterial Other Freeways and Expressways
Number of Lanes:	4
Road Division Type:	
Speed Limit:	
Агеа Туре:	Not specified
Traffic Volume:	7400 to 13975 Annual Average Daily Traffic (AADT)
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:	2001 to 2005

Municipality:	Trans European Road Network, Italy
State:	
Country:	
Type of Methodology Used:	Before/after using empirical Bayes or full Bayes
Sample Size Used:	
Before Sample Size Used:	5
After Sample Size Used:	5

Other Details		
Included in Highway Safety Manual?	No	
Date Added to Clearinghouse:	Dec-01-2009	
Comments:		

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