



CMF / CRF Details

CMF ID: 10078

Upgrade existing markings to wet-reflective pavement markings

Description: This strategy involves upgrading existing markings from standard marking materials to wet-reflective markings applied as paint, tape, or thermoplastic material.

Prior Condition: *No Prior Condition(s)*

Category: Delineation

Study: [*Safety Effects of Wet-Weather Pavement Markings, Park et al., 2019*](#)

Star Quality Rating:



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

Crash Modification Factor (CMF)

Value: 0.466

Adjusted Standard Error:

Unadjusted Standard Error: 0.119

Crash Reduction Factor (CRF)

Value: 53.4 (*This value indicates a **decrease** in crashes*)

Adjusted Standard Error:

Unadjusted Standard Error:	11.9
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Applicability

Crash Type:	Wet road
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:	
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:	2011 to 2017
Municipality:	Atlanta District
State:	TX

Country:	USA
Type of Methodology Used:	2
Sample Size Used:	

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Mar-23-2020
Comments:	

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