



CMF / CRF Details

CMF ID: 4371

Increasing the inside shoulder width inside the work zone by one foot

Description: Increasing the inside shoulder width inside the work zone by one foot

Prior Condition: Regular traffic conditions without work zone

Category: Work zone

Study: [Improving Safety in High-Speed Work Zones: A Super 70 Study, Tarko, Andrew P.; Bin Islam, Mouyid ; Thomaz, Jose E., 2011](#)

Star Quality Rating:	
5 Stars	[View score details]

Crash Modification Factor (CMF)	
Value:	0.97
Adjusted Standard Error:	
Unadjusted Standard Error:	0.01

Crash Reduction Factor (CRF)	
Value:	3 (This value indicates a decrease in crashes)
Adjusted Standard Error:	
Unadjusted Standard Error:	1

Applicability

Crash Type:

All

Crash Severity:

All

Roadway Types:

Principal Arterial Interstate

Number of Lanes:

Road Division Type:

Divided by Median

Speed Limit:

Area Type:

Urban

Traffic Volume:

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:

2006 to 2008

Municipality:

Indianapolis

State:

IN

Country:

USA

Type of Methodology Used:

7

Sample Size Used:	1403
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Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Dec-06-2012
Comments:	

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