CRASH MODIFICATION FACTORS CLEARINGHOUSE

CMF / CRF Details

CMF ID: 5513

Decrease median width from 64ft to 22ft

Description: Decrease median width from 64ft to 22ft

Prior Condition: 64 ft wide median

Category: Access management

Study: *Using multivariate adaptive regression splines (MARS) to develop crash modification factors for urban freeway interchange influence areas*, Haleem et al., 2013

Star Quality Rating:	★★★★☆ [View score details]

Crash Modification Factor (CMF)	
Value:	3.227
Adjusted Standard Error:	
Unadjusted Standard Error:	0.329

Crash Reduction Factor (CRF)	
Value:	-222.7 *(This value indicates an **increase** in crashes)*
Adjusted Standard Error:	

Unadjusted Standard Error:	32.9

Applicability

Crash Type:	All
Crash Severity:	K (fatal),A (serious injury),B (minor injury),C (possible injury)
Roadway Types:	Principal Arterial Other Freeways and Expressways
Number of Lanes:	4 to 6+
Road Division Type:	Divided by Median
Speed Limit:	
Area Type:	Urban
Traffic Volume:	5700 to 309000 *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:	2007 to 2010
Municipality:	
State:	FL

Country:	USA
Type of Methodology Used:	7
Sample Size Used:	18525 Crashes

Other Details

Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Apr-30-2014
Comments:	CMF for urban freeway interchange areas

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