CMF / CRF Details

CMF ID: 8814

Convert High-Occupancy-Vehicle (HOV) lanes to High-Occupancy-Toll (HOT) lanes

Description: convert a High-Occupancy-Vehicle (HOV) interstate segment into a High-Occupancy-Toll (HOT) segment

Prior Condition: No HOT lanes

Category: Roadway

Study: *Effects of Using High Occupancy Vehicle Lanes on Safety Performance of Freeways*, Abuzwidah and Abdel-Aty, 2017

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

Crash Modification Factor (CMF)	
Value:	1.28
Adjusted Standard Error:	
Unadjusted Standard Error:	0.07

Crash Reduction Factor (CRF)	
Value:	-28 *(This value indicates an **increase** in crashes)*

Adjusted Standard Error:	
Unadjusted Standard Error:	7

Applicability

Crash Type:	All
Crash Severity:	O (property damage only)
Roadway Types:	Principal Arterial Interstate
Number of Lanes:	5
Road Division Type:	Divided by Median
Speed Limit:	
Area Type:	
Traffic Volume:	
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:	2011 to 2013
Municipality:	Miami

State:	FL
Country:	USA
Type of Methodology Used:	7
Sample Size Used:	

Other Details

Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Nov-17-2017
Comments:	CMF applies to whole roadway section

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