



CMF / CRF Details

CMF ID: 10374

Install TWLTL (two-way left turn lane) on four lane road

Description: Converting 4-lane road to 4-lane plus one two-way turning lane.

Prior Condition: Urban 4-lane undivided roadway

Category: Roadway

Study: [Investigating Safety Impact of Center Line Rumble Strips, Lane Conversion, Roundabout and J-Turn Features on Louisiana Highways, Sun and Rahman, 2019](#)

Star Quality Rating:



Crash Modification Factor (CMF)

Value: 0.758

Adjusted Standard Error:

Unadjusted Standard Error: 0.033

Crash Reduction Factor (CRF)

Value: 24.2 (This value indicates a **decrease** in crashes)

Adjusted Standard Error:

Unadjusted Standard Error:	3.3
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Applicability

Crash Type:	All
Crash Severity:	All
Roadway Types:	Not specified
Number of Lanes:	4
Road Division Type:	Undivided
Speed Limit:	
Area Type:	Urban
Traffic Volume:	6800 to 22141 <i>Annual Average Daily Traffic (AADT)</i>
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:	2004 to 2016
Municipality:	
State:	LA

Country:	USA
Type of Methodology Used:	4
Sample Size Used:	

Other Details	
Included in Highway Safety Manual?	No
Date Added to Clearinghouse:	Jun-01-2020
Comments:	

This site is funded by the U.S. Department of Transportation Federal Highway Administration and maintained by the University of North Carolina Highway Safety Research Center

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