



## CMF / CRF Details

**CMF ID: 9377**

### Implement truck lane restrictions

**Description:** TLR prohibit semi- trucks (trucks) from using the left-5 most freeway lane, or inner lane, except in passing or emergency maneuvers.

**Prior Condition:** Roadway without Traffic Lane Restrictions

**Category:** Roadway

**Study:** [\*Safety Performance of Truck Lane Restrictions in Texas: Empirical Bayes Observational Before-After Analysis, Das et al., 2018\*](#)

**Star Quality Rating:**



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

### Crash Modification Factor (CMF)

**Value:** 1.05

**Adjusted Standard Error:**

**Unadjusted Standard Error:** 0.13339

### Crash Reduction Factor (CRF)

**Value:** -5 (This value indicates an **increase** in crashes)

**Adjusted Standard Error:**

<b>Unadjusted Standard Error:</b>	13.339
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### Applicability

<b>Crash Type:</b>	All
<b>Crash Severity:</b>	K (fatal),A (serious injury),B (minor injury),C (possible injury)
<b>Roadway Types:</b>	Not specified
<b>Number of Lanes:</b>	6
<b>Road Division Type:</b>	Divided by Median
<b>Speed Limit:</b>	
<b>Area Type:</b>	
<b>Traffic Volume:</b>	
<b>Time of Day:</b>	All

*If countermeasure is intersection-based*

<b>Intersection Type:</b>	
<b>Intersection Geometry:</b>	
<b>Traffic Control:</b>	
<b>Major Road Traffic Volume:</b>	
<b>Minor Road Traffic Volume:</b>	

### Development Details

<b>Date Range of Data Used:</b>	2011 to 2015
<b>Municipality:</b>	Dallas-Fort Worth
<b>State:</b>	TX

<b>Country:</b>	
<b>Type of Methodology Used:</b>	2
<b>Sample Size Used:</b>	

<b>Other Details</b>	
<b>Included in Highway Safety Manual?</b>	No
<b>Date Added to Clearinghouse:</b>	Oct-27-2018
<b>Comments:</b>	The number of crashes in the after period were not reported in this study, however, they have been recorded as 300 to give 10 points as a benefit of doubt for one or more of the following: (1) number of miles/sites in the reference/treatment group, (2) number of crashes in the references/treatment group, (3) reporting AADTs for the aggregate dataset but not for the disaggregate dataset used for CMF development.

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