



## CMF / CRF Details

**CMF ID: 8726**

**Install Box Span Signal**

**Description:**

**Prior Condition: Intersections with diagonal span signal configurations**

**Category: Advanced technology and ITS**

**Study: [Safety Evaluation of Box Span Signal Configuration, Yassin et al., 2017](#)**

**Star Quality Rating:**



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

### Crash Modification Factor (CMF)

**Value:** 1.097

**Adjusted Standard Error:**

**Unadjusted Standard Error:** 0.099

### Crash Reduction Factor (CRF)

**Value:** -9.7 (This value indicates an **increase** in crashes)

**Adjusted Standard Error:**

**Unadjusted Standard Error:** 9.9

## Applicability

**Crash Type:** Other

**Crash Severity:** All

**Roadway Types:** Not specified

**Number of Lanes:** 0-4

**Road Division Type:** All

**Speed Limit:**

**Area Type:**

**Traffic Volume:**

**Time of Day:** All

### *If countermeasure is intersection-based*

**Intersection Type:** Not specified

**Intersection Geometry:** 3-leg,4-leg

**Traffic Control:** Signalized

**Major Road Traffic Volume:** 3220 to 66316 Annual Average Daily Traffic (AADT)

**Minor Road Traffic Volume:** 471 to 53080 Annual Average Daily Traffic (AADT)

## Development Details

**Date Range of Data Used:** 2006 to 2011

**Municipality:**

**State:** MI

**Country:** USA

<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>	Nov-17-2017
<b>Comments:</b>	CMF of intersection crashes for drivers at age of 65 or older

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