



# CMF / CRF Details

**CMF ID: 5272**

**Install pedestrian countdown timer**

**Description: Install pedestrian countdown timer**

**Prior Condition: Unknown**

**Category: Intersection traffic control**

**Study: [Evaluating pedestrian safety improvements, Van Houten et al., 2012](#)**

## Star Quality Rating

**Star Quality Rating:**

**8 Stars**

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

## Crash Modification Factor (CMF)

**Value:** 0.3

**Adjusted Standard Error:**

**Unadjusted Standard Error:**

## Crash Reduction Factor (CRF)

**Value:** 70 (This value indicates a **decrease** in crashes)

**Adjusted Standard Error:**

**Unadjusted Standard Error:**

## Applicability

<b>Crash Type:</b>	Vehicle/pedestrian
<b>Crash Severity:</b>	All
<b>Roadway Types:</b>	Not specified
<b>Number of Lanes:</b>	
<b>Road Division Type:</b>	
<b>Speed Limit:</b>	
<b>Area Type:</b>	Not specified
<b>Traffic Volume:</b>	
<b>Time of Day:</b>	

***If countermeasure is intersection-based***

<b>Intersection Type:</b>	Roadway/roadway (not interchange related)
<b>Intersection Geometry:</b>	Not specified
<b>Traffic Control:</b>	Signalized
<b>Major Road Traffic Volume:</b>	
<b>Minor Road Traffic Volume:</b>	

**Development Details**

<b>Date Range of Data Used:</b>	
<b>Municipality:</b>	Detroit
<b>State:</b>	MI
<b>Country:</b>	
<b>Type of Methodology Used:</b>	8
<b>Sample Size Used:</b>	449 Sites

## Other Details

**Included in Highway Safety Manual?**

No

**Date Added to Clearinghouse:**

Dec-02-2013

**Comments:**

The study did not adjust the reduction in crashes at the treatment location based on the change in the comparison sites.

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