



## CMF / CRF Details

**CMF ID: 3892**

**Convert Pelican crossing or farside pedestrian signal to Puffin crossing**

**Description: Convert Pelican crossing at mid-block site or farside pedestrian signal at intersection to Puffin crossing**

**Prior Condition: mid-block crossing or signalized intersection with Pelican crossing or farside pedestrian signal**

**Category: Pedestrians**

**Study: [Puffin Pedestrian Crossing Accident Study, Maxwell et al., 2011](#)**

**Star Quality Rating:**



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

### Crash Modification Factor (CMF)

**Value:** 0.84

**Adjusted Standard Error:**

**Unadjusted Standard Error:**

### Crash Reduction Factor (CRF)

**Value:** 16 (This value indicates a **decrease** in crashes)

**Adjusted Standard Error:**

**Unadjusted Standard Error:**

### Applicability

**Crash Type:**

Angle,Cross median,Day time,Dry weather,Fixed object,Head on,Left turn,Nighttime,Parking related,Rear end,Rear to rear,Right turn,Run off road,Sideswipe,Single vehicle,Speed related,Truck related,Vehicle/bicycle,Wet road

**Crash Severity:**

K (fatal),A (serious injury),B (minor injury),C (possible injury)

**Roadway Types:**

Not Specified

**Number of Lanes:**

**Road Division Type:**

**Speed Limit:**

**Area Type:**

Not specified

**Traffic Volume:**

**Time of Day:**

All

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

**Intersection Type:**

Roadway/pedestrian crossing (eg, midblock crossing)

**Intersection Geometry:**

3-leg,4-leg

**Traffic Control:**

Signalized

**Major Road Traffic Volume:**

**Minor Road Traffic Volume:**

### Development Details

**Date Range of Data Used:**

1994 to 2007

**Municipality:**

<b>State:</b>	
<b>Country:</b>	United Kingdom
<b>Type of Methodology Used:</b>	7
<b>Sample Size Used:</b>	837 Crashes

<b>Other Details</b>	
<b>Included in Highway Safety Manual?</b>	No
<b>Date Added to Clearinghouse:</b>	Jun-04-2012
<b>Comments:</b>	The treatment sites were a mixture of pedestrian mid-block crossings and pedestrian crossings at 3-arm and 4-arm signalized intersections (p. 17).

---

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

*The information contained in the Crash Modification Factors (CMF) Clearinghouse is disseminated under the sponsorship of the U.S. Department of Transportation in the interest of information exchange. The U.S. Government assumes no liability for the use of the information contained in the CMF Clearinghouse. The information contained in the CMF Clearinghouse does not constitute a standard, specification, or regulation, nor is it a substitute for sound engineering judgment.*