



CMF / CRF Details

CMF ID: 3886

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: 0.81

Adjusted Standard Error:

Unadjusted Standard Error:

Crash Reduction Factor (CRF)

Value: 19 (This value indicates a **decrease** in crashes)

Adjusted Standard Error: 6.67

Unadjusted Standard Error:

Applicability

Crash Type:

All

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:

State:

Country:	United Kingdom
Type of Methodology Used:	Regression cross-section
Sample Size Used:	1149 Crashes

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

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