

---

## **PEDESTRIAN CROSSING BRIEFING PAPER**

To: **Joint Transportation Board – 20 December 2012**

By: **John Burr, Director of Highways, Kent County Council**

Classification: **Unrestricted**

Ward: **Dover Town**

---

**Summary:** **This report gives a brief summary regarding the installation of pedestrian crossings within Dover District.**

### **For Information**

---

#### **1.0 Introduction and Background**

1.1 Following the recent and tragic death of an elderly gentleman in Deal, and subsequent requests for additional pedestrian crossings, a County member has asked for further information regarding the installation of pedestrian crossings.

#### **2.0 Pedestrian Crossing Details**

2.1 The criteria for funding of pedestrian crossings can come from several sources, each of which has certain criteria or conditions. These are as follows:

- Crash Remedial Scheme – Based on the presence of personal injury crashes relating to pedestrians crossing the road, that may have been averted by the presence of a crossing point.
- Local Transport Plan (LTP) – Based on provision of a crossing as part of wider scheme to address specific objectives such as improving connections, delivering a walking or cycle route, or improving local opportunities.
- Local Sustainable Transport Funding (LSTF) – To improve transport connections in specific designated towns/locations, including Dover Town Centre.
- Developer Funding – As part of a wider development, funded by a developer.
- Member Highway Funding.

2.2 The type of crossing affects cost. Each location is unique, with its own constraints and geometric layouts, which can also affect the cost of installation. The cost estimates given below are rough estimates, but give an idea of the sums of money to consider.

- Uncontrolled Crossing - £3,500
  - e.g. pedestrian refuge
- Basic Zebra Crossing - £13-15,000
  - Black/white lines on the road, and flashing orange Belisha Beacons
  - Cars legally must stop if a pedestrian has stepped on to the crossing
- Basic Pelican Crossing - £45,000
  - Traffic signal controlled pedestrian crossing, activated by push-button
  - Often has an audible signal as well

- Lights on far side of road indicate to pedestrians when to cross
- Basic Puffin Crossing - £45,000
  - Similar to a pelican, but pedestrian signals are on near-side of road
  - Sensors sense if people are on crossing, and so prevent lights changing when pedestrians are still in the road
  - Sensors also sense if a pedestrian has moved away since pushing the button, and cancels command
- Pedestrian phase at traffic lights - £unknown
- Toucan crossing - £45,000
  - Combined pedestrian and cycle crossing
- Pegasus crossing - £55,000
  - Combined pedestrian and equestrian crossing. May also include cycle facility

2.3 Other factors such as traffic speed and road type or width would also affect the type of crossing which may be installed.

### **3.0 Corporate Implications**

#### **3.1 Financial and VAT**

3.1.1 None for Dover District Council.

#### **3.2 Legal**

3.2.1 None for Dover District Council.

#### **3.3 Corporate**

3.3.1 None for Dover District Council.

### **4.0 Recommendation(s)**

4.1 That Members note the update

Contact Officer:	Richard Heaps, Traffic Engineer, Kent County Council 08458 247800
Reporting to:	John Burr, Director of Highways, Kent County Council 08458 247800