

PEDESTRIAN CROSSING FACILITIES

Pelican (PEdestrian Light CONtrolled) Crossing

Features

The facility uses far side pedestrian signal heads and a flashing amber/flashing green crossing period, of a fixed duration, which is demanded solely by a push button.

Advantages

- Pedestrians perceive that the far side signals give them certainty of priority

Disadvantages

- Pedestrians may not face oncoming traffic when waiting to cross (looking at the far side signal head)
- Vehicle encroachment during flashing amber stage
- Unable to cancel pedestrian demand if not required

Puffin (PEdestrian User Friendly INTelligent) Crossing

Features

The facility uses near side pedestrian signal heads and an extendable all red crossing period that is instigated by a push button request accompanied by a pedestrian detector demand.

Advantages

- Pedestrians face oncoming traffic when waiting to cross (looking at the near side signal head)
- Kerb side detectors that cancel pedestrian demands that are no longer required.
- All red time may be extended by on crossing detectors

Disadvantages

- The elderly have a perception of uncertainty of priority because there is no far side signal (this is being tackled through continual publicity campaigns).
- £10-15,000 cost to upgrade from Pelican type control.

Zebra

Features

This facility operates by pedestrians actually stepping onto the crossing to exercise priority or motorists giving way.

Advantages

- Lower cost than signal controlled facility
- Can have a speed reduction effect.

Disadvantages

- Uncertainty over priority can lead to difficulties particularly for the older or very young pedestrians.
- During the hours of darkness, the facility requires approaching drivers to be able to see pedestrians clearly.

Pedestrian Stage at Traffic Signals

Features

The facility operates within the traffic signals phases.

Advantages

- Avoids the need for pedestrians to be in the middle of the road waiting for traffic.

Disadvantages

- Potential conflict with queuing vehicles completing right turn manoeuvre within the pedestrian phase.

Note – Toucan Crossings are **Twin Operator User CONtrolled** signal crossings for pedestrians and cyclists and have the same form of vehicular detection as Pelican and Puffin crossings. There are no School Crossing Patrols operating on Toucan Crossings.