

Waterloo road proposed (Shepton Mallet Infants School) Crossing Poll

Speed indicator device recording results from Waterloo Road south bound from May 2015 over a 6 day period as follow:

Day	< 30 mph	< 40 mph	< 50 mph	> 50 mph
1	668	1200	134	6
2	469	1133	146	9
3	332	897	109	7
4	392	978	110	5
5	755	1061	121	6
6	1193	1146	113	5

Option 1

2.4m Wide Uncontrolled Pedestrian Crossing (Coloured Bricks and the road narrowed)

This option proposes the installation of a 2.4m wide uncontrolled crossing. It will include modifications to a short section of the footways on each side of Waterloo Road, and include dropped kerbing and buff coloured tactile paving. The footways could be widened if required.

Advantages:

- Economic and easy solution for providing a formal pedestrian crossing point at this site.
- Reduces vehicle delays or queuing caused by controlled crossings.
- Minimum disruption to pedestrians, road users and the school during the construction phase.
- School crossing patrol can be used and flashing wig-wags retained.
- Can utilise existing footway facility, but including build outs would be advantageous as this will help to moderate traffic speeds.
- No changes to the highway lighting unless build-outs are provided.
- Manual for Streets 2 can be utilised as design guidance rather than DMRB.

Disadvantages:

- Pedestrians have to wait for gaps between vehicles or the school crossing patrol.
- Reduced sense of security for pedestrians when compared with a controlled crossing.

Cost estimate:

Total Cost: £15,000.00

The above cost is based on the term contract schedule of rates and includes costs for topographical surveys and the provision of wider footways in the localised area.

Option 2

2.4m Wide Zebra Crossing (Shepton Mallet Infants School)

This option proposes the installation of a 2.4m wide Zebra crossing (controlled crossing). It will include dropped kerbing, beacons, red tactile paving, footway widening and localised improvements to the existing lighting system.

Advantages:

- Will provide a controlled crossing facility.
- Increased sense of security for pedestrians crossing.
- School crossing patrol can be used on zebra crossing.
- Localised footway widening will be required (footways increased to 2m each side).

Disadvantages:

- More costly to implement than an uncontrolled crossing (Option 1)
- On-going maintenance liability higher than Option 1
- Will require improved street lighting and flashing Belisha beacons.
- Flashing wig-wags will need to be removed.
- Disruption to pedestrians, road users and the school will be longer during construction than Option 1.

Cost estimate:

Total Cost: £88,500.00