

Appendix 2:

List of infrastructure measures to support vulnerable road users when crossing.

1. Tactile Crossing points (Buff coloured at uncontrolled crossing points and red at signalised crossings in line with current standards).
(Reference: Guidance on the use of Tactile Paving Surfaces by Department for Transport)
2. Pedestrian refuges, with associated dropped kerbs with tactile paving.
(Reference: Manual for Streets & Chapter 6, & CD143)
3. Controlled Crossings (Zebra's, Puffins, Toucans, Equestrian crossings, and those incorporated into junction signalisation schemes). At signalised crossings the pedestrian demand units incorporate either audible, and/or rotating tactile cones for visually impaired pedestrians.
(Reference: Chapter 6 Traffic Signs manual)
4. Lower speed limits (20mph speed limits and zones within residential areas).
(Reference: Department for Transport Circular 01/2013 – Setting local speed limits)
5. School 20mph limits.
(Reference: Chapter 4 Traffic Signs manual)
6. On-road and off-road cycle schemes, including advance stop lines at traffic signals.
(Reference: Local Transport note 01/20 – Cycle Infrastructure Design)
7. Measures to prevent inappropriate parking, such as yellow lines and bollards.
(Reference: Highways Act 1980)
8. Pedestrian guard railing, especially outside school entrances.
(Reference: Local Transport Note 2/09 - Using railings to make roads safer for pedestrians)
9. Footway and footpath links to reduce walking distances or to improve crossing facilities.
(Reference: Manual for Streets & CD143)
10. Traffic calming schemes, including road humps and speed cushions.
(Reference: Local Transport Note 01/07 – Traffic calming & The Highways [Road Hump] Regulations 1999)
11. Reduced ramp gradients to improve access for wheel-chair users, and the installation of handrails.
(Reference: Design Manual for Roads and Bridges & Disability Discrimination Act 1995)
12. Education, Training and Publicity work in Schools and Colleges.
(Reference: Road Traffic Act 1988)

13. Footway decluttering to remove obstacles for visually and mobility impaired pedestrians, such as reducing the number of signposts, or footpath barriers which restrict wheel-chair / pushchair access.
(Reference: Manual for streets & Traffic Advisory Leaflet 01/13)
14. Improved street lighting schemes.
(Reference: TD 501 Road lighting design)
15. Road Safety Audits take into consideration the needs of vulnerable road users and make recommendations to scheme designer to improve the highway infrastructure.
(Reference: GG119 Road Safety Audits)
16. Disabled parking bays and Permit only parking bays, to reduce the distance mobility impaired pedestrians have to walk.
(Reference: Highways Act 1980)
17. Installation of benches to provide a resting point along walking routes for older of mobility impaired pedestrians with in the community.
(Reference: Manual for streets)