
Technical Note

Project No: ITB13010
Project Title: Development at Ham Farm and Newhouse Farm, Gillingham, Dorset
Title: Secondary Loop Road – Design Specification
Ref: BT/ITB13010-003 TN
Date: 15 September 2021

SECTION 1 **Secondary Loop Road – Design Specification**

1.1 The following design specification for the secondary loop road should be assumed (this will need to be discussed and agreed with Dorset Council in due course):

- Design speed – 20mph;
- Carriageway width – minimum 6.0m (localised widening may be required on the bends to allow a refuse vehicle or coach to pass a car travelling in the opposite direction comfortably) – or 5.5m if no requirement to accommodate coaches;
- Active travel corridor as follows:
 - Separate pedestrian provision (i.e. 2m wide footways on both sides of the carriageway);
 - Separate cycle provision (i.e. 3.0m wide cycle path alongside footway) – i.e. a total width of 5.0m wide active travel corridor on both sides of the corridor.
- If we can agree with Dorset Council this is not necessary – a 3.0m wide shared-use footway/cycleway can be assumed on both sides of the carriageway.
- Frontage access to dwellings permitted;
- On-street parking – visitor provision on street, ideally in dedicated lay-bys;
- Landscaping – 2m-3m wide verge separating carriageway with active travel corridor in order to accommodate tree planting;
- Street lighting to adoptable standards (likely to be 6.0m high lamp columns at regular intervals);
- Gradient: ideally 1:20;
- Speed restraint measures – there is likely to be a need for speed restraint measures on any long straight sections of carriageway in order to maintain design speed;
- Surface finishes – Carriageway - Predominantly macadam; Footway/Cycleway - Predominantly macadam. The use of pavers or other materials in some appropriate locations may be acceptable, i.e. at junctions.