

MIDLOTHIAN COUNCIL ROAD SERVICES

GENERAL SPECIFICATION FOR CONSTRUCTION OF ASPHALT FOOTWAY CROSSING FOR PRIVATE VEHICLES

This specification is given as a general guide to the Contractor, but details will be finalised in all cases by the Business Manager Road Services or his Inspector. This should be read in accordance with the „Specification for Highway Works“ published by HMSO as Volume 1 of the Manual of Contract Documents for Highway Works with the Road Services amendments. The amendments are obtainable from Road Services, 2nd Floor, Midlothian House, Buccleuch Street, Dalkeith EH22 1DN.

KERB

The kerb will be precast concrete or punched or ridged whinstone depending on the kerb in existence and will be laid true to line as directed by the Engineer, in perfect straights or smooth curves as appropriate.

The top of the kerb will be laid across the width of the entrance plus 450mm on each side will be laid to a level which is 25mm above the existing or re-aligned channel. On either side of this section the kerb will be ramped to meet the existing kerb over a length of approximately 1m. The crossing must be centred on the entrance with equal ramped portions of kerb on each side.

The kerb will be laid with a concrete foundation and backing in accordance with the Roads Section Drawing No 11310. (The foundation will be 350mm x 150mm of concrete mix ST4. The measurement for the concrete backing will be the area of the triangle formed in the mid height of the kerb and the surface of the concrete foundation from the back of the foundation to the back of the kerb).

CROSSING SURFACE

The finished levels along the back of the footway will be a continuation in a straight line over the width of the entrance. The levels along the front of the footway will be those of the kerb. The crossing surface between the back and front of the footway will be ramped uniformly.

CROSSING EXCAVATION

The footway within the above area will be excavated to a depth of 230mm below the finished surface and the formation will be finished plane and parallel to this surface.

CROSSING BASE

A 150mm layer of Granular Sub-base Material Type 1 to Clause 803 of the Specification for Highway Works will be laid and thoroughly compacted with a roller as detailed in Table 8/1 of the Specification.

CROSSING BASE COURSE

This will be 20mm nominal size dense bitumen macadam to BS 4987: 1993 Clause 6.5. The thickness will be 50mm after compaction.

WEARING COURSE

This will comply with BS 594: 1992 Col 6/4 Table 6 20mm thick hot rolled asphalt (15% stone content) with 6mm nominal size approved white chippings or Derbyshire limestone chippings depending on the existing surface. The rate of chippings will be 330 sqm to the tonne. The depth after compaction will be 30mm.

NOTES

All work to be carried out in accordance with the aforementioned specifications and by contractors skilled in this type of work.

Mixing concrete etc on the surfaces of carriageways and footways will not be permitted. Permission may be granted by the Network Manager for the use of mixing boards or steel trays.

The Contractor must ensure that before starting work a Permit for "Consent for Operations on Roads" is obtained from the Business Manager Road Services, 2nd Floor, Midlothian House, Buccleuch Street, Dalkeith EH22 1DN.

The holder of the "Consent for Operations on Roads" Permit is responsible for contacting all Public Utilities in order to locate any services or apparatus within the area of the Permit Holders proposed works and shall be held liable for any damage caused to Public Utility property all as detailed in Section 6 of the "Consent for Operations on Roads" Permit.

The Business Manager Road Services must be notified a minimum of 5 days in advance of the date of commencement of the works, to make the necessary arrangement for inspection by a Roads Section Inspector to check compliance with the relevant specifications.

Where a door, gate, window, window shutter, or bar opens outward into a road so as to interfere with the safety or convenience of road users the Roads Authority may by notice to the owner or occupier of the premises to which the thing belongs require him within such period as specified in the notice to take such steps as will ensure that such interference no longer occurs.