LIGHT DUTY CROSSINGS FOR DOMESTIC PREMISES

VEHICLE AND PEDESTRIAN ACCESS CROSSINGS TO MAINTAINABLE HIGHWAYS - LIGHT DUTY FLEXIBLE CONSTRUCTION FOR DOMESTIC PREMISES ONLY

SPECIFICATION SCHEDULE

Item No. *Description of Work*

KERBS

1 The junction with the carriageway shall be delineated with a minimum of 3 number 915mm long x 125mm x 150mm kerbs on a 150mm x 380mm base of ST3 (15N/mm^2) concrete (approx 1 cement: 2 sand: 4 aggregate by volume mix). A 125mm x 150mm taper kerb is required on each side of the junction except where there are no existing kerbs adjacent. The Highway boundary at the rear shall also be delineated with 50mm x 150mm square cut concrete edging on a 75mm x 330mm base of ST3 concrete. Where there is no existing footway or the adjacent footway is constructed with a non flexible material (eg slabs or concrete), the edges of any pedestrian or vehicular access shall also be delineated with 50mm x 150mm square cut concrete edgings.

CONSTRUCTION

2 Excavate for as necessary and compact the formation prior to laying any foundation material (all topsoil/vegetation must be removed). In all cases at least 200mm of soil shall be removed prior to placing the sub-base. Provide, lay and compact using vibrating compaction equipment at least 150mm finished thickness of approved non-frost susceptible crushed rock, crushed slag or crushed concrete Type 1 sub base. *Exceptionally and with the prior agreement of the Highway Authority the 150mm layer of sub-base may be substituted by a 75mm layer of 20mm size dense binder course recipe mixture to BS4987 using 50 pen or 125 pen binder. Air void content to be within the range 2% to 10%.*

3 Provide, lay and compact 100mm finished thickness of 20mm size dense bitumen binder course to BS4987 using 50 pen or 125 pen bitumen binder. Air void content to be within the range 2% to 10%.

4 Provide, lay and compact 25mm finished thickness of 6mm size dense bitumen surface course to BS4987 using 125 pen bitumen binder. Air void content to be within the range 2% to 10%

N.B. All materials described in this schedule shall be from a source currently approved by the Director of Highways and Planning for the purpose. His representatives may at any time sample any of the materials specified and carry out necessary testing, including site testing, to check the conformity of the material and construction methods to the relevant specifications. In the event of any result failing to meet the appropriate specification requirements, the highway authority reserves the right to recover the costs of such tests from the party on whose behalf the access crossing is being installed.

Similarly the right is reserved to amend the thickness and/or materials from those indicated should he consider it necessary.

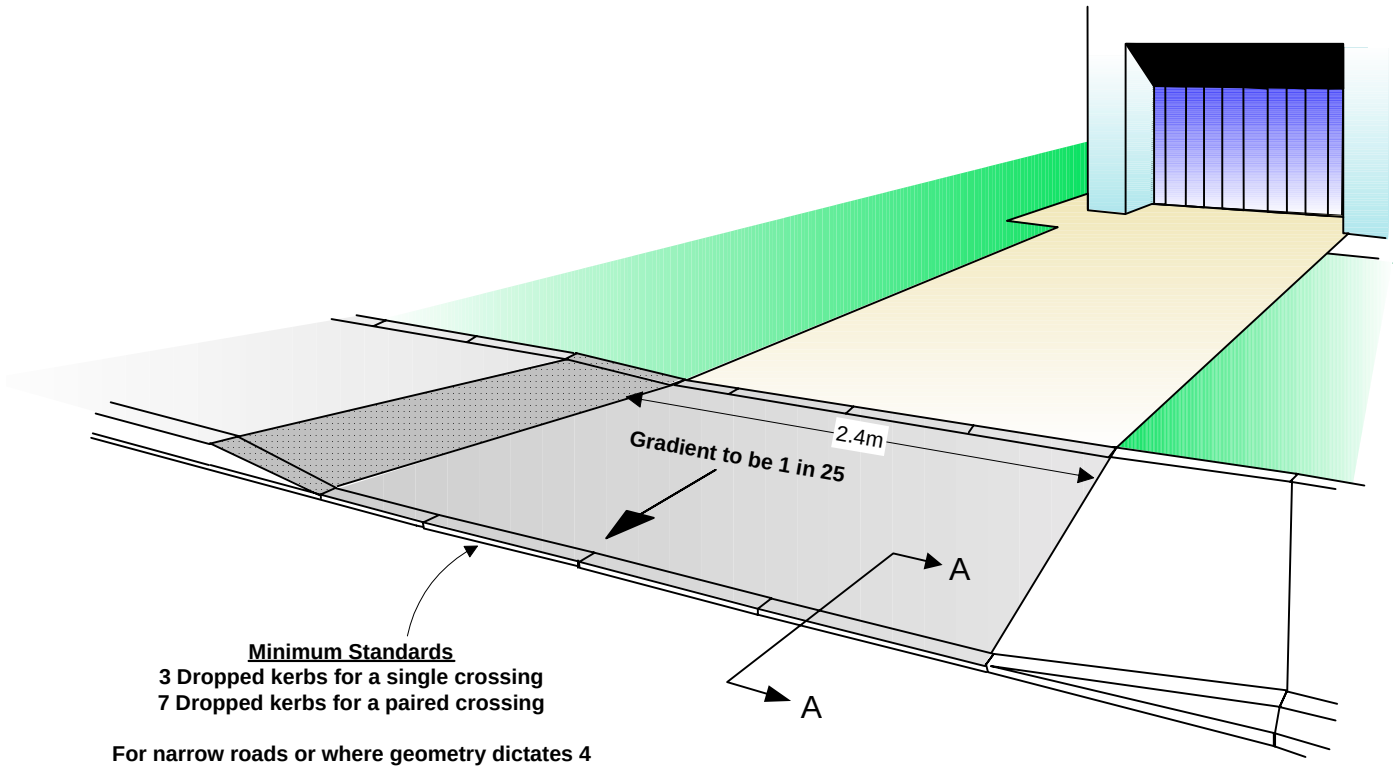
PUBLICATION REFERENCES

BS4987 Coated macadam (asphalt concrete) for roads and other paved areas - Published by British Standards Institution.

Type 1 Aggregate - Lincolnshire County Council Development Road Specification and Construction.

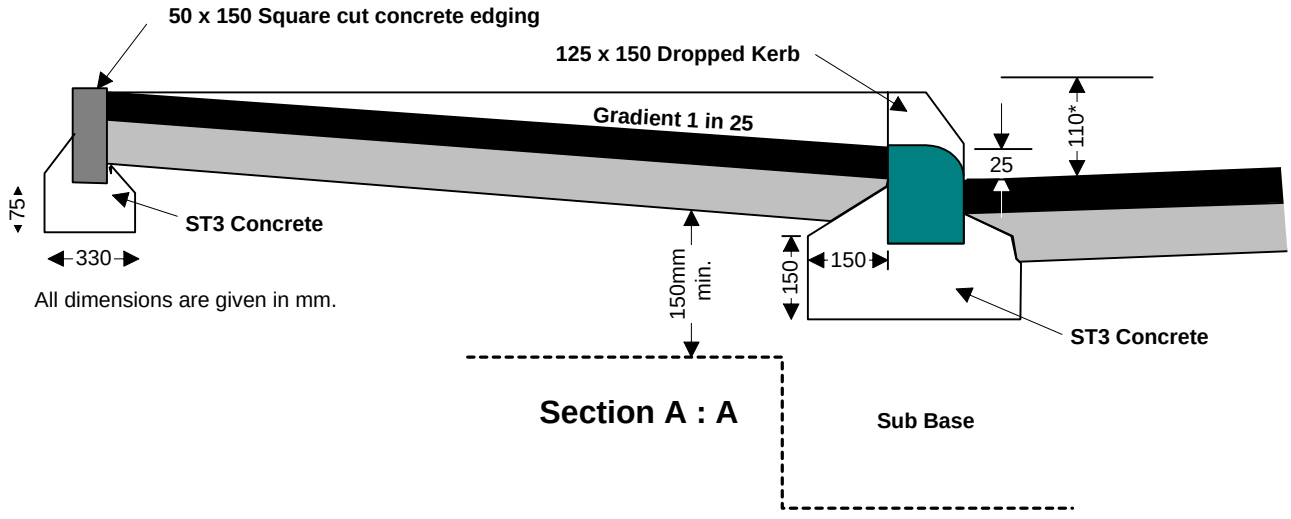
BS5328: Methods for specifying concrete including ready mixed concrete - Published by British Standards Institution.

LIGHT DUTY FLEXIBLE CONSTRUCTION



Minimum Standards
3 Dropped kerbs for a single crossing
7 Dropped kerbs for a paired crossing

For narrow roads or where geometry dictates 4 or more kerbs will be required



All dimensions are given in mm.

Section A : A