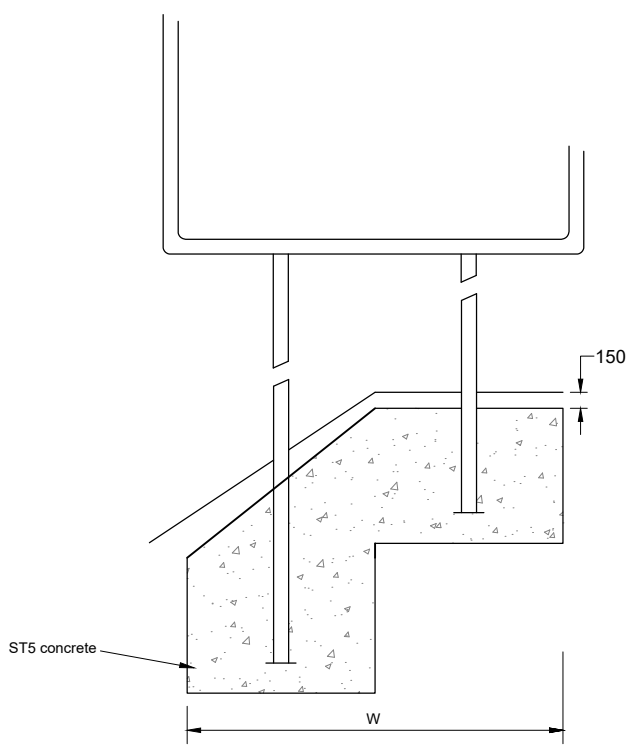
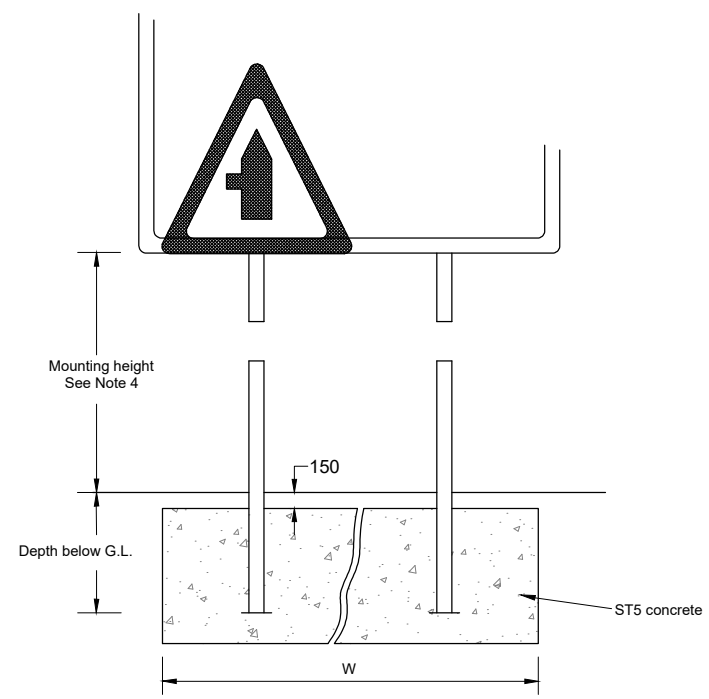


Mounting layout: plan



Embankment/cut slope



Standard post

Notes

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- All dimensions are in millimetres unless otherwise stated.
 - On straight roads, reference line to edge of carriageway and orientation angle to be 95°. On left hand bends, reference line is to be a straight line between the edge of carriageway at the sign position and the edge of carriageway 200m on approach side. Orientation angle to be 95°. On right hand bends, reference line to be tangential to edge of carriageway at the sign position and the orientation angle to be 95°.
 - Posts for permanent traffic signs shall comply with SHW CI 1204. Traffic sign posts, with their plates, will be designed to withstand a wind pressure of 15 millibars, equating to 156kg/m².
 - Mounting heights:
 - 1500 over verges
 - 2300 over footways
 - 2500 over cycleways
 - Minimum distances to edge of carriageway:
 - grade separated dual c/way: 2100
 - trunk/A class rural roads: 1200
 - other rural roads: 600
 - urban roads: 450.

Where the crossfall of the carriageway exceeds 4%, the clearance shall be increased to a minimum of 600mm, to take account of high-sided vehicles.
 - Sign poles should not be situated in the middle of the footway. Where possible, poles for signs should be positioned to the rear of the footway or 450mm from the kerb edge ensuring that the clear footway zone (min 1.5m) is not obstructed.
 - Dimensions W, L and D based on size of sign and poles. The type and size of foundations for permanent traffic signs shall comply with SHW Clause 1203. All excavations for foundations shall be carried out in compliance with SHW Clause 604 and shall be cleared of all loose material before placing of concrete and backfilling. Where signs are to be erected on side slopes, dimensions of concrete foundations should be stepped as indicated to suit side slope.
 - Signs will be designed to comply with the current version of the TSRGD, the TSM and BS EN12899-1:2007 – Fixed Vertical Road Traffic Signs and also the relevant current parts of BS 8442 – Road Traffic Signs and Internally Illuminated Bollards. Materials used for the manufacture of sign faces and associated poles must meet the relevant standards required by the Council.
 - When considering sign poles and columns, the provision of passive safety shall be the normal standard unless agreed otherwise with the Council. Guidance on passive safety can be obtained from BS EN 12767 – Passive Safety of Support Structures for Road Equipment.

Revision	Details	Drawn by	Check by	Check date	Surfs



Project: Standard details.
 Title: Series 1200: Traffic signs

Scale (at A4): Traffic sign foundations

Scale (at A4): Not to scale

Drawn	JC	Date	05/2024
Checked	CHK	Date	05/2024

Drawing No:	SD/1200/01	Rev:	1
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