

703.01 DESCRIPTION

This section covers the requirements for the handling, storage and erection of signs and supply, and erection of sign supports.

703.02 SUPPLY OF MATERIALS

All signs as scheduled shall be supplied by PWD to the Contractors Site (FOT)

All materials, equipment and labour necessary to erect the sign, including post and fittings and cement or concrete for post hole backfill shall be supplied by the Contractor.

703.03 HANDLING AND STORAGE OF SIGNS

The Contractor shall be responsible to loading and transporting the signs up to completion of installation. Any signs damaged after delivery to the site shall be replaced by the Contractor at his expense.

Where a Contractor stores signs prior to installation they shall be stored in the following manner :

- (a) Face to face with a layer of protective material between faces to prevent damage.
- (b) Vertically and clear of the ground with adequate care to protect the edges of the signs.
- (c) Stacked in numbers small enough to prevent damage to any sign due to the combined weight of the signs.
- (d) Adequately protected from ingress of moisture between sign face and packing or other protective material.

703.04 CONFORMITY WITH DRAWINGS

(a) Foundations

Concrete foundations shall be poured such that the finished surface of foundation is flush with the finished surface at the base of the sign.

(b) Post

- (i) Posts are to be straight and plumb to within a tolerance of 1 in 100.
- (ii) Posts tops are to be 50 ± 10 mm below the top edge of the signboard.

(c) Signs

- (i) Signs are to be mounted level to within a tolerance of 1 in 100
- (ii) Signs shall be mounted symmetrically on their posts unless shown as offset in the assembly drawings or directed by the Engineer.
- (iii) Where an assembly consists of two or more signs above each other, the signs shall be mounted with the adjacent edges touching unless otherwise shown on the sign assembly drawings.
- (iv) The faces of the signs shall present an even surface free from twists, cracks, indentations of any other faults after erection.

- (c)
- (i) Within a tolerance of ± 40 mm of the height specified in the Manual measured from the bottom of the sign or sign assembly to the lip of the kerb or edge of shoulder nearest the sign unless otherwise indicated in the drawings.
 - (ii) Within a tolerance of ± 100 mm of the pegged sign location or specified location unless otherwise indicated in the drawings.
- (d) Where signs are to be removed or relocated, the Contractor shall dismantle the assembly and transport the signs, posts and fittings to the specified new location. Posts holes shall be backfilled and compacted to the finished surface. Relocated signs shall be erected in their new position as specified.
- (e) After erection of each sign all stiffening bars are to be removed.

703.07 MASKING OF SIGNS

Signs that have been erected but are not appropriate to current traffic usage shall be masked. All materials to be supplied by the Contractor.

Masking of signs shall consist of placing a black plastic sheet over the face of the sign which shall be held in position by wire mesh over the sign.

Adhesive material shall only be applied to the plastic and not be applied to either the front or rear face of the signboard.

703.08 MEASUREMENT AND PAYMENT

The unit of measurement shall be the number of signs of the scheduled size erected.

Payment for the erection of permanent signs, including all labour, plant and materials to do the work, shall be at the scheduled rate for all works completed in accordance with the specification.