

54.15 CONCRETE BASES FOR HIGHWAY SIGNS

54.15.1 GENERAL

The Work consists of the removal and salvage or disposal of existing concrete bases and the supply and installation of precast concrete bases for the support of major signs.

54.15.2 MATERIALS

The Contractor shall supply bases in accordance with drawing TEB 1.83. The Contractor shall provide the Engineer with the manufacturer's certification indicating that the base has been manufactured to specified requirements.

The Contractor shall supply all material necessary to install the base, including suitable backfill material. Cementitious and organic materials are not acceptable backfill.

54.15.3 EQUIPMENT

The Contractor shall supply all equipment necessary to complete the Work.

54.15.4 PROCEDURE

Traffic control and signing shall be completed in accordance with Specification 55.1, Traffic Accommodation and Temporary Signing.

The Engineer will identify the general location of the new installation by means of paint or other marks on the shoulder of the road or by stakes near the shoulder. The Contractor shall establish the exact location of the installation in accordance with drawing TEB 1.70. If this location is not suitable, the Contractor shall obtain approval of an alternate location from the Engineer.

The Contractor shall remove the sign and posts from the existing concrete base.

When required, the existing base shall be removed, salvaged, and moved to the new installation site.

If new bases are used, they shall be the same size as the existing base unless otherwise specified by the Engineer.

Concrete bases shall be installed as shown on drawings TEB 1.82 and TEB 1.83. The Contractor shall excavate holes to a minimum of 300 mm larger than the base, and the base shall be installed in the centre of the excavation. The backfill around the base shall be placed in thin layers and shall be thoroughly compacted for the full depth.

The disturbed area around the post shall be restored to its original condition.

Where a base cannot be totally removed, the tops of the base shall be removed to below ground level and the excavation backfilled to the adjacent ground level. This will be considered incidental to the Work and will not be paid for separately.

54.15.5 TIME TO COMPLETE

The Contractor shall complete the Work within 60 calendar days of the issuance of the Work Order.

54.15.6 MEASUREMENT AND PAYMENT

Measurement will be made separately of the number of bases supplied and installed; bases removed, salvaged and reinstalled; and bases removed and disposed of.

Payment for supplying and installing concrete bases will be made at the unit price bid per base for "Concrete Base - Supply and Install". This payment will be full compensation for supplying and installing the base, traffic accommodation and signing, and all labour, materials, equipment, tools and incidentals necessary to complete the Work.

Payment for removing, salvaging and installing existing bases will be made at the unit price bid per concrete base for "Concrete Base - Remove and Reinstall". This payment will be full compensation for removing and salvaging of the existing base, moving the salvaged concrete base to the new site, installing the salvaged concrete base, traffic accommodation and signing, and all labour, material, equipment, tools and incidentals necessary to complete the Work.

Payment for removing and disposing of concrete bases will be made at the unit price bid per base for "Concrete Base - Remove and Dispose". This payment will be full compensation for removing and disposing of the base, placing and compacting backfill material in the hole, traffic accommodation and signing and all labour, materials, equipment, tools and incidentals necessary to complete the Work.

54.15.7 WARRANTY

The warranty period for this Work shall be 1 year.