

613 PERMANENT BENCH MARK

613.01 DESCRIPTION

The Contractor shall furnish and install a permanent bench mark to conform with details and at the location shown in the contract documents or as directed by the Chief Engineer.

613.02 MATERIALS

Concrete – [817](#)

Galvanizing – [811.07](#)

Malleable Iron – [815](#)

613.03 CONSTRUCTION REQUIREMENTS

The galvanized pipe casing shall be driven vertically and straight and to the depth as shown on the contract documents. The metal frame and cover shall be a standard meter box cover with a hinged locking lid, or an approved substitute. The Contractor shall furnish the Chief Engineer with a suitable wrench for access to the bench mark proper.

613.04 MEASURE AND PAYMENT

The unit of measure for Permanent Bench Mark will be each. The actual number of Permanent Bench Marks complete in place and accepted will be paid for at the contract unit price per each, which payment will include all labor, materials, tools, equipment and incidentals necessary to complete the work.