

EMBANKMENT MONITORING (SETTLEMENT GAUGES):

(7-1-95) (Rev 11-17-09)

SP2 R75

Description

This work consists of furnishing and installing settlement gauges as shown in the plans.

Materials

Provide threaded pipe with a black finish in accordance with ASTM A53 Type F of the diameter shown in the plans.

Construction Methods

Furnish and install Settlement Gauges as shown in the plans at locations designated in the plans. Place the base on a level surface near the natural ground as shown in the plans. Extend the metal pipe by adding pipe sections at threaded couplings as the embankment is progressed. Make sure that the top of the extension section is no less than 1 ft. above the embankment surface and no higher than 6 ft. Make the exposed length of pipe conspicuous to avoid chance of damage.

Conduct operations in such a manner that the gauges are not damaged. Compact fill around the gauge pipes and plates to the same density as the surrounding material. Restore or replace any settlement gauge pipe damaged or destroyed due to fault or negligence on the part of the Contractor at no additional cost. No additional payment will be made for compaction of fill around and over the settlement gauges or for interference with the Contractor's operations resulting from settlement gauge installations. Perform installation operations such that the pipe remains plumb.

Measurement and Payment

Embankment Settlement Gauges will be measured as the actual number that have been incorporated into the completed and accepted work and will be paid for at the contract unit price per each. Such price and payment will be full compensation for all materials, labor, equipment and other incidentals necessary to complete the work satisfactorily.

Payment will be made under:

Pay Item	Pay Unit
Embankment Settlement Gauge	Each