

212 TEST PITS

212.01 DESCRIPTION

Work consists of excavation, backfill, compaction and restoration as required to excavate test pits necessary to locate or determine type and/or condition of materials of construction of underground utilities.

212.02 SUBMITTALS

Each test pit location and estimated size shall be submitted to the Chief Engineer for approval.

212.03 MATERIALS

Test Pit Excavated Material

Sodding-[610.02](#)

212.04 CONSTRUCTION REQUIREMENTS

When water service work is included in proposed sewer pipe construction projects, trench excavation under [207](#) will uncover those water service connections crossing the trench when the proposed sewer will run between the water main and the curb line. Test pits will be required to determine the condition and material of the water service connections for the opposite side of the street where the water main runs between the proposed sewer and opposite curb line.

Pit size shall be approximately 2 ft. x 4 ft. or as directed by the Chief Engineer.

Pit depth shall generally be 4 ft. minimum and approximately 5 ft. maximum unless otherwise directed by the Engineer.

Test pits shall be scheduled as directed so that pit backfilling can be completed within the workday.

Test pits shall generally be located within the tree space. Test pits shall be required on both sides of a water meter to identify water service line materials.

All sod, bushes, etc., shall be salvaged and reinstalled to restore area to acceptable condition. Where salvaged items will be inadequate for restoration, provide new sod and other features.

It may be necessary to hand excavate portions of test pits in order to protect utilities.

Excavated material shall be stored and used for backfill unless the excavated material is unsuitable. Borrow fill shall be used only if the quantity of suitable excavated material is insufficient, and shall be included as part of the work.

When the pit is outside of the roadway and sidewalk areas, backfill shall be thoroughly compacted in 12-inch layers with pneumatic tampers. When the test pit is within the roadway or sidewalk area, compaction shall be per [207.04](#).

212.05 MEASURE AND PAYMENT

The unit of measure for Test Pits will be each.

Payment for Test Pits will be made at the contract unit price per each, which payment will include hand excavation as needed, backfill including borrow fill as needed, restoration including asphalt, concrete and sod as needed, and all labor, materials, tools, equipment and incidentals needed to complete work specified.