

**ITEM 0180701**

**TEST PITS**

**DESCRIPTION**

The work covered under this item includes furnishing all labor, equipment, materials and incidentals necessary to perform all operations in connection with excavating and backfilling by machine and/or by hand, exploratory test pits at locations indicated or directed by the engineer. The purpose of the test pits is for locating and examining soils, groundwater, drains, pipes, rocks, utilities, structure foundations or any other obstacles.

**REFERENCED ITEMS**

None

**REQUIRED SUBMITTALS**

None

**MATERIALS**

None

**CONSTRUCTION METHODS**

Test pit excavations shall have neat, clean-cut and vertical sides; hand-digging shall be employed when required by the Engineer.

It shall be agreed that the Contractor entered into this contract with full knowledge that in any work involving excavation, operation in public highways or adjacent to other developments, obstacles, difficulties, unforeseen soil or groundwater conditions, etc., may be encountered, and that the Contractor has included in his bid and contract obligations the assumptions of the risks and costs to which such obstacles, etc., may subject him.

Perform all work in conformance with local, state and federal codes.

Dig test pits so as to ensure that underground utilities or structures are not damaged. It shall be the Contractor's sole responsibility for any damages incurred during excavation operations. Any damages shall be repaired or replaced by the Contractor to the satisfaction of the Owner/Responsible Agency/Engineer at the Contractor's own expense.

Notify Engineer of any revealed conflicts which may require design revisions, relocations and/or adjustments as early as possible to avoid unnecessary delays. The Engineer shall be allowed sufficient time to perform all necessary design revisions. No work shall be started within areas of conflict until so authorized.

Protect each pit with steel plates, other coverings, fences, barriers or other appropriate materials as deemed necessary. Do not backfill pits until authorized. Compact backfill materials 95% to the sub-grade elevation or as otherwise directed.

The surface of test pit areas shall be restored to a condition equal or better than original as approved by the Engineer. All test pits throughout the project area are to be completed prior to beginning actual construction activities.

**METHOD OF MEASUREMENT**

Test pits will be measured for payment by the number of each test pit dug within the limits and to the depths as ordered and approved by the Engineer.

Test pits will only be measured for payment where:

The location of the pit is such that said pit will never be incorporated into any excavation being dug for proposed work under this contract.

The test pit will ultimately be within the limits of an excavation required for proposed work under this contract, but said pit must be backfilled for safety or other reasons, as approved by the Engineer, prior to the excavation reaching the location of the pit.

If any pit is not backfilled and subsequently incorporated into the excavation, said pit will not be measured for payment under the Item "Test Pits" but will be measured under the appropriate excavation Item.

**BASIS OF PAYMENT**

Payment for "TEST PITS" shall be made at the contract unit price per each "TEST PITS", which price shall include the excavation of all materials as required. Included in the unit price bid for Test Pits will be excavation, sheeting, shoring, dewatering, backfill, compacting and all other materials, equipment, tools, labor and work incidental to or necessary for the completion of the work.

<b><u>PAY ITEM</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>PAY UNIT</u></b>
0180701	Test Pits	EA