

TEST BORINGS

****From South Burlington-Colchester IM CULV(23)**

- xx. DESCRIPTION. This work shall consist of performing test borings for the purpose of determining areas of roadway and embankment subsurface voids, at the approximate locations indicated in the Plans and as directed by the Engineer.
- xx. MATERIALS. Materials shall meet the following requirements:
- (a) Sleeves. Sleeves shall meet the requirements of Subsection 710.06.
 - (b) Concrete. Concrete shall meet the requirements of CONTROLLED DENSITY (FLOWABLE) FILL of Section 900.
 - (c) Pavement. Bituminous concrete pavement shall conform to the requirements of Section 406 or 490, except the mix design submittal and plant inspection requirements set forth in Section 406 or 490 will not be required.
- xx. GENERAL REQUIREMENTS. Prior to the construction of Test Borings and the placement of Controlled Density (Flowable) Fill, the Contractor shall submit to the Engineer site-specific plans, detailing the schedule of work (for these two items), type and location of drilling, sleeve installation, pumping system, confirmatory boring operation, method of filling bore hole (with or without voids being encountered), and repair of the roadway section (sand, gravel, and pavement).
- xx. CONSTRUCTION REQUIREMENTS. Test borings shall be performed at the approximate locations indicated in the Plans and as directed by the Engineer.
- Test borings shall extend to a depth equal to the bottom of the culvert using casing advanced drilling methods. Alternate drilling equipment that provides a suitably clean, open hole may be submitted to the Engineer for approval.
- If void(s) are encountered, Controlled Density (Flowable) Fill shall be placed to completely fill the void(s). Confirmatory borings shall be performed in these locations as directed by the Engineer.
- The roadway surface at boring hole locations shall be backfilled and then patched using Bituminous Concrete Pavement.
- xx. METHOD OF MEASUREMENT. The quantity of Special Provision (Test Borings) to be measured for payment will be the number of meters (linear feet) of test boring performed in the complete and accepted work.
- xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Test Borings) will be paid for at the Contract unit price per meter (linear foot). Payment will be full compensation for submitting site-specific plans as required, performing test

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borings, installing sleeves, backfilling, patching with bituminous concrete pavement, and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

Filling of the subsurface voids encountered will be paid for under Contract item 900.608 Special Provision (Controlled Density (Flowable) Fill).

Payment will be made under:

| <u>Pay Item</u> | <u>Pay Unit</u> |
|--|------------------------|
| 900.640 Special Provision (Test Borings) | Meter (Linear Foot) |