

NATURAL RESOURCES CONSERVATION SERVICE

CONSTRUCTION SPECIFICATION

823A - FILL

1. SCOPE

This work shall consist of furnishing (if no on-site borrow source is specified), moving, spreading and compacting the fill materials specified for each fill zone as shown on the drawings.

Prior to commencing construction, public utilities shall be notified in accordance with N.Y.S. Industrial Code 753.

2. MATERIALS

The fill materials used in construction of the fill zone shall be stone and rock, bank run or processed gravel, washed gravel or crushed stone, or earthfill,. If no suitable on-site borrow sources are designated on the drawings, or specified in Section 6, the contractor shall be responsible for providing the specified fill material from an off-site approved source. The gradation of the different fill materials shall be as shown on the drawings or as specified in Section 6. The contractor shall provide a gradation analysis of the proposed fill materials from off-site sources to the approving official or designated representative for approval prior to delivery of materials to the job site.

All fill materials shall be free of frozen particles, brush, roots, sod, or other foreign or objectionable materials.

3. FOUNDATION PREPARATION

The foundation area of the fill zone shall be prepared to the depths, lines and grades as shown on the drawings or as approved by the approving official or designated representative prior to the placement of any fill materials.

4. FILL PLACEMENT

Fill shall not be placed until the foundation preparation is complete and the foundation and excavation has been inspected and approved by the approving official or designated representative.

Fill shall not be placed on saturated or frozen surfaces. Fill shall be placed in uniform horizontal layers as specified in Section 6.

The moisture content of the material shall be sufficient to obtain firm compaction.

Unless otherwise shown on the drawings or specified in Section 6, compaction of fill shall be accomplished by the routing of the piece of compaction equipment specified over the fill layer in such a manner that the entire surface of each layer will be traversed by at least 3 passes of the compaction equipment specified.

5. MEASUREMENT AND PAYMENT

Method 1

For items of work for which specific unit prices are established in the contract, the volume of each type of fill within the specified zone boundaries will be measured and computed to nearest cubic yard by the method of average cross-sectional end areas. Unless otherwise specified, no deduction in volume will be made for embedded conduits and appurtenances. The pay limits will be the measured surface of the foundation when approved for placement of the fill and the specified neat line of the fill surface. Fill required to fill voids resulting from over excavation of the foundation, outside the specified lines and grades, will be included in the measurement for payment only where such over excavation is directed by the approving official to remove unsuitable material and where the unsuitable condition is not a result of the contractor's improper construction operations, as determined by the approving official or designated representative. Payment for each type of fill will be made at the contract unit price. Such payment will constitute full compensation for all labor, materials, equipment, tools, and other appurtenances necessary and incidental to the completion of the work.

Method 2

For items of work for which specific lump sum prices are established in the contract, the quantity of each type of fill will not be measured. Payment for each type of fill will be made at the contract lump sum price. Such payment will constitute full compensation for all labor, materials, equipment, tools, and other appurtenances necessary and incidental to the completion of the work.

Compensation for any item of work described in the contract but not listed in the bid schedule will be included in the payment for the item of work to which it is made subsidiary. Such items and the items to which they are made subsidiary are identified in Section 6.

6. ITEMS OF WORK AND ADDITIONAL CONDITIONS: