

### III. TECHNICAL SPECIFICATIONS

#### DIVISION 16

#### **BEDDING MATERIAL (DRAINAGE & UTILITY PIPE)**

- 16.01 SCOPE:** Contractor must furnish all materials, equipment, and labor necessary to undercut and replace with aggregate as per the Specifications or as directed by the Engineer.
- 16.02 MATERIALS:** Select bedding stone shall consist of coarse aggregate conforming to the VDOT Road and Bridge Specifications Section 203, Size 57, for drainage construction and size 57, smooth river rock for utility construction.
- 16.03 EXECUTION:**
- A. Should unsuitable material (Class III Type SM, SC, IV soil types as per USCS Soil Classification System ASTM D-2387) be encountered at the bottom of the pipe trench, such soil shall be removed to a width and depth specified by the Engineer and replaced with select bedding stone.
  - B. All unsuitable material is to be disposed of offsite after all necessary permits and property rights have been obtained.
- 16.04 MEASUREMENT AND PAYMENT:**
- A. The width of select bedding stone will be based on the inside pipe diameter plus two (2) feet. The depth required will be six (6) inches for pipes less than forty-eight (48) inches and one (1) foot for larger pipe sizes or as determined by the Engineer.
  - B. Select bedding material when authorized by the Engineer will be measured based on square yards in place and at the contract price per square yard at both the six (6) and twelve (12) inch depths shown in the Unit Price Table. Select materials placed outside of the limits described in 16.04 (A) will not be measured.
  - C. The contract prices specified in the Unit Price Table shall include full compensation for all labor, equipment, and materials necessary to remove and properly dispose of all unsuitable soil as well as furnish and place the select bedding material.