

10. ITEMS OF WORK AND CONSTRUCTION DETAILS

Items of work to be performed in conformance with this specification and the construction details therefor are:

The following items are common to Bid Items 9, 10, and 11:

- (1) The rock shall be limestone having a calcium carbonate (CaCO_3) content of 85% or greater as determined by ASTM C-114. Elemental magnesium shall not exceed 2%.
- (2) The rock shall be obtained from a source listed in the current edition of PennDOT's Bulletin #14.
- (3) In Section 5, Placement, Method 1 will apply.
- (4) In Section 7, Compaction of Rock Fill, Class III compaction will apply.
- (5) Section 8, Compaction of Bedding, does not apply. No bedding other than the geotextile fabric is required. Care shall be taken to not damage the geotextile fabric, HDPE liner, or piping system during placement of the rock fill.

A. **Bid Item 9, Rock Fill, R-3**

- (1) This item consists of furnishing and placing the required limestone rock in the first cell of treatment bed #1 and in the rock splash pads as shown on the drawings.
- (2) The grading of the rock shall comply with the requirements of NSA No. R-3 graded riprap stone (6" maximum, 3" average, and 2" minimum).

B. **Bid Item 10; Rock Fill , AASHTO #1**

- (1) This item consists of furnishing and placing the required limestone rock in treatment bed #1 except for the first cell as shown on the drawings.
- (2) The grading of the rock shall comply with the requirements of AASHTO #1 (4" maximum, 25-60 % passing 2 1/2" sieve).

C. **Bid Item 11; Rock Fill, AASHTO #57**

- (1) This item consists of furnishing and placing the required limestone rock in treatment bed #2 as shown on the drawings.
- (2) The grading of the rock shall comply with the requirements of AASHTO #57 (1 ½" maximum, 25-60 % passing ½" sieve).