

GRANITE RUBBLE BLOCK PAVEMENT

****From Barre Town HES 026-1(38)**

xx. DESCRIPTION. This work shall consist of furnishing and placing granite rubble block pavement as shown in the Plans and as directed by the Engineer.

xx. MATERIALS. Materials shall meet the requirements of the following Subsections:

Portland Cement.....	701.02
Sand Cushion.....	703.03
Mortar, Type II.....	707.02

Concrete shall meet the requirements of Section 541 for Concrete, Class B.

Granite rubble blocks shall be light grey in color, free from seams and other structural imperfections or flaws which would impair its structural integrity, and of a smooth splitting appearance. The blocks shall be of a rectangular shape with one good face and sized as shown in the Plans.

xx. CONSTRUCTION REQUIREMENTS.

(a) Excavation and Foundation. Excavation shall be made to the required depth and to a width that will permit placing of concrete base and the installation and bracing of forms. Bed course material shall be placed as shown on the Plans. When the depth of bed course required exceeds 150 mm (6 inches), two layers of approximately equal depth shall be placed, and each layer thoroughly compacted so that it is hard and unyielding. The wetting of bed course material may be necessary to obtain the required compaction.

(b) Protection of Block Units. The block units shall be stacked at the job site on pallets or suitable platforms and shall be protected from damage.

(c) Installation. Foundation for block units shall be prepared in conformance with the Plans and the following requirements:

- (1) 25 - 50 mm (1 - 2 inches) sand borrow cushion.
- (2) Blocks shall be installed to line and grade and shall align with adjacent work and elevations. Care shall be taken during the layout to minimize cutting.
- (3) Blocks shall be installed hand tight, maintaining a continuous 25 - 37 mm (1 to 1 ½ inches) joint. The use of string lines is recommended to hold pattern lines.
- (4) Manufactured edge pieces shall be used as much as possible. If full units need to be cut, the cut

shall be made with a masonry saw.

(5) Installation shall be performed in one direction by building forward from previously installed granite rubble blocks.

(6) Granite rubble blocks shall be installed to blend color variations from separate production runs.

(d) Jointing. The mortar shall be spread dry over the installed granite rubble blocks and then broomed into the joints until they are filled flush to the top of the blocks. The granite rubble blocks shall then be fogged lightly with water. Any remaining cement stains shall be cleaned to the satisfaction of the Engineer.

xx. METHOD OF MEASUREMENT. The quantity of Special Provision (Granite Rubble Block Pavement) to be measured for payment will be the number of square meters (square yards) placed in the complete and accepted work.

xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Granite Rubble Block Pavement) will be paid for at the Contract unit price per square meter (square yard). Payment will be full compensation for furnishing, transporting, handling, and placing the materials specified, including concrete base, sand bedding, blocks, and mortar; for cleaning the completed pavement surface as required; and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

Excavation, unless otherwise specified, will be paid for under the appropriate Contract item in Section 203.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
900.675 Special Provision (Granite Rubble Block Pavement)	Square Meter (Square Yard)