

SECTION 7.30
GRANITE BLOCK SLOPE PROTECTION

7.30.01--Description: Work under this item shall consist of furnishing and placing granite block slope protection on an approved base to the limits and dimensions as shown on the plans or as directed by the Engineer.

7.30.02--Materials: Granite blocks for this work shall conform to the requirements of Article M.12.11.

Granular Base: This material shall conform to the requirements of Article M.02.03 and Grading "C" of Article M.02.06.

Grout: Grout for this item shall conform to the requirements of Article M.11.04.

7.30.03--Construction Methods: The subgrade surface on which the granular base is to be placed shall be shaped to an even surface and to the designed grade. The granular base shall be placed to the thickness shown on the plans and after thorough compaction shall be dressed smooth and to the desired grade. The stones shall be set and firmly embedded in straight rows. Joints on adjacent courses shall be offset from previous joints. Joints between stones shall not exceed 50 mm or be less than 10 mm in width and shall be carefully chinked with spalls so that the entire mass will be firmly locked or keyed and then filled with grout.

The blocks, joints and gravel base shall be thoroughly saturated by water immediately prior to the placement of grout. Grout shall be packed into the joints to the full depth of the blocks. The grout shall be fully compacted by ramming with a flat ended tool. The joints shall then be raked to a depth of 12 mm. After the grout has reached final set, the blocks shall be wet scrubbed to clean all grout from the exposed surfaces and then be gently flushed with water, so as not to wash out any of the grout in the joints.

The grout shall be moist cured in accordance with the provisions of Subarticle 4.01.03-F.7(b). The mats shall be kept saturated and shall remain in place for the required curing period.

The finish paving shall have a continuous surface of uniform appearance, approximately parallel to and within three 75 mm of the slope shown on the plans.

7.30.04--Method of Measurement: This work will be measured for payment by the number of square meters in the face area of the accepted Granite Block Slope Protection completed within the neat lines as shown on the plans or as ordered by the Engineer.

7.30.05--Basis of Payment: This work will be paid for at the contract unit price per square meter for "Granite Block Slope Protection," complete in place, which price shall include all materials, equipment, tools, and labor incidental thereto, also all necessary excavation and grading below the surface of the roadway excavation and outside the limits of the structure excavation and placing the granular base.

Pay Item	Pay Unit
Granite Block Slope Protection	m ²