

SECTION 7.32
CONCRETE BLOCK SLOPE PROTECTION

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

7.32.02--Materials: Concrete blocks for this work shall conform to the requirements of Article M.12.12.

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

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

7.32.03--Construction Methods: The surface on which the granular base is to be placed shall be shaped to an even surface and to the desired 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 required grade. The blocks shall be set in straight rows as shown on the plans with staggered joints normal to the rows. Joints between concrete blocks shall be not greater than 12 mm in width. The blocks shall be carefully laid and solidly rammed into position and shall be clean when placed. Cutting of blocks to meet pattern requirements will be permitted, subject to approval of the Engineer. The paved surface shall be tested with a straight edge not less than 3 m long and the blocks found to be above or below the grade by more than 6 mm shall be taken up and reset. Each section of paving must be acceptable to the Engineer before the joints in that section are filled.

The blocks shall be thoroughly wetted with water immediately prior to the placing of the grout. Grout shall be spread over the blocks and worked into the joints beginning at the lowest elevation and progressing upward, so as to maintain the upper surface of the grout at approximately even rows, until all joints are completely filled. The surface shall then be swept and all excess grout removed from the surface of the blocks before initial set has developed. At such time after initial set has occurred, as will be determined by the Engineer, the surface of the blocks shall be cleaned by brushing, while simultaneously flushing with water, in such a manner as to completely remove the remaining grout from the surface of the blocks without dislodging any of the grout in the joints.

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

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

Pay Item
Concrete Block Slope Protection

Pay Unit
m²