

## **ITEM 608.05 08 – BLUESTONE SIDEWALK PAVERS (MORTAR SETTING BED)**

### **DESCRIPTION**

Under this item, the Contractor shall furnish and install bluestone sidewalk pavers on a mortar setting bed in accordance with these specifications and in conformance with the details shown on the plans or established by the Engineer.

### **MATERIALS**

Mortar shall conform to the requirements of Section 705-21 of the Standard Specifications.

The bluestone pavers shall be 25 mm thick unless stated otherwise in Contract Plans, set in mortar in an irregular pattern with a rough surface finish. Pavers shall range in size from 0.2 m<sup>2</sup> to 0.6 m<sup>2</sup> unless stated otherwise in the Contract Plans. Joint size shall be a minimum of 7 mm and maximum of 13 mm. Where required along perimeter, cut bluestone with masonry saw, wetsaw, or diamond blade saw.

Absorption - ASTM C97, 1.5% maximum after 48 hours

Compressive Strength - ASTM C170, Minimum 30,000 kPa

Abrasion Index - ASTM C241, 28.84

### **CONSTRUCTION DETAILS**

The bluestone pavers shall be placed over a mortar setting bed and set at the grade and slope shown on the plans or as ordered by the Engineer.

The bluestone pavers shall be placed on 25 mm mortar setting bed over a concrete slab. While the mortar is plastic, the bluestone pavers shall be laid onto the mortar.

After the bluestone has been set, mortar shall be placed into the joints and struck smooth.

The Contractor shall protect the bluestone for the duration of the Contract.

### **METHOD OF MEASUREMENT**

Pavers shall be measured by the number of square meters of bluestone furnished and installed, including joints, within the limits called for on the plans.

### **BASIS OF PAYMENT**

The price bid per square meter shall include the cost of furnishing all labor, materials and equipment necessary to complete the work, including mortar setting bed material, as specified except that any necessary excavation, subbase course and cast-in-place concrete will be paid for under their appropriate items.