

ITEM 0102701

LONGITUDINAL DOWELED EXPANSION JOINT IN CONCRETE WALK

DESCRIPTION

This item shall include forming, furnishing materials for, and constructing doweled 1/2" longitudinal doweled expansion joints in concrete walks being built under other bid items where ordered by the Engineer.

REFERENCED ITEMS

Item 0102101, 0102601

REQUIRED SUBMITTALS

Material Certificate of Compliance:

Submit 5 copies of material certificate of compliance for dowels and expansion joint material in accordance with the contract general requirements.

MATERIALS

All material requirements of Item 0102101 and 0102601 shall apply to this item except that the expansion material shall be 1/2" thick and the dowels shall be 5/8" round by 12" long and spaced a maximum of 24" apart.

Expansion joint material shall consist of preformed strips made of cane or other suitable fibers of a cellular nature securely bound together and then uniformly saturated with asphalt, or strips formed from clean granulated cork securely bound together by a suitable asphalt binder and encased between two layers of saturated felt or two layers of glass-fiber felt.

Expansion material shall meet ASTM Specification D-1752-04 Type II.

Dowels shall conform to the requirements of ASTM A-615-04 for plain bars and shall be Grade 60. Dowels shall be hot dipped galvanized in accordance with AASHTO M232m/m.

CONSTRUCTION METHODS

The Contractor shall employ suitable methods of bracing the expansion joint material and placing the concrete so that the expansion joint will remain vertical and true to line and grade during and after the construction. The Contractor shall

submit his proposed method of construction to the Engineer for approval before any concrete is placed.

Where the joint is being constructed on a line two feet back of the curb line, the coated or free end of the dowels shall be on the curbside of the joint.

METHOD OF MEASUREMENT

This work will be measured for payment by the number of linear feet of longitudinal doweled expansion joint constructed and accepted.

BASIS OF PAYMENT

This work will be paid for a the contract unit price per linear foot for "LONGITUDINAL DOWELED EXPANSION JOINT IN CONCRETE WALK" constructed and accepted, including all equipment, materials, tools, labor and incidental expenses.

<u>PAY ITEM</u>	<u>DESCRIPTION</u>	<u>PAY UNIT</u>
0102701	Longitudinal Doweled Expansion Joint In Concrete Walk	LF