

ITEM 11608.50 M - Park Identification Plaque

DESCRIPTION

Under this item, the Contractor shall furnish and install the park identification plaque, in accordance with the plans, specifications, and directions of the Engineer.

MATERIALS

Granite: Unless otherwise specified, granite shall be "Barre Grey" as manufactured by American Monument Company, Englewood, N.J., (800) 666-8636; "Sierra White" as manufactured by Cold Spring Granite of Cold Spring, Mn. (800) 551-7502, 'Mt. Airy White', as manufactured by North Carolina Granite of Mt. Airy, N.C. (800) 227-6242, or approved equal, reasonably uniform in quality and texture throughout, free from an excess of mica and feldspar, and from seams, scales, or evidence of disintegration. Edges shall be blunted as shown on the standard details. Exposed surface shall be rubbed and sanded, with sandblast-intaglio cut lettering and design.

Concrete: Concrete shall be Class A Concrete as specified in Section 501 of the Standard Specifications.

Setting Bed: Setting Bed shall be a Latex modified mortar, Type M (ASTMC-270). Admix shall be Laticrete 8510 or approved equal.

Expansion Joint: The expansion joint material shall be a premoulded resilient joint filler as specified in Subsection 705-07 of the Standard Specifications.

Joint Sealant: Prepared expansion joints shall be coated with a primer, followed by installation of a bond breaker and a self-levelling two-component polyurethane-based elastomeric sealant. The Contractor shall apply Sikaflex 429 primer with Sikaflex 2C, SL sealant, Sonneborn 733 primer with Sonolastic SL2 sealant, or approved equal. Color of sealant shall be concrete gray. Asphalt cement will not be approved as a sealant.

Sikaflex products are manufactured by Sika Corp., Lyndhurst, N.J., (800) 933-7452. Sonolastic products are manufactured by Sonneborn and Chem Rex, Inc., (800) 433-9517.

CONSTRUCTION DETAILS

Prior to placement of concrete foundation, subgrade shall be compacted. Plaque shall be installed completely level on the setting bed, as shown on the detail.

After the plaque is set, the space between it and the surrounding pavement shall be filled with poured joint sealant.

Thoroughly clean joints of dirt, loose particles, asphalt, tar, paint, wax, waterproofing, and curing compounds. Cover adjacent sides of joints with masking tape to prevent spillage onto pavement.

Joint Sealant: Fully mix the two components sealant and pour into joint slots in one direction and allow to flow and level out as necessary. Fill joints from bottom to prevent air voids. Tool lightly to smooth out

ITEM 11608.50 M - Park Identification Plaque

ripples and maximize adhesion to the sides of joints. If bubbles form, wait 5-10 minutes before tooling to break the bubbles. Remove excess sealant promptly as the work progresses and clean adjacent surfaces. Remove masking tape.

Install sealant in accordance with manufacturer's instructions, including allowable minimum temperature of 5 degrees Celcius.

SUBMITTALS

The Manufacturer shall submit a shop drawing indicating the proposed lettering style and the plaque text for the approval of the Regional Landscape Architect. 'Present Date' shall always reflect the year in which the final ribbon cutting ceremony will be held. The Engineer should be contacted to determine the date.

METHOD OF MEASUREMENT

The quantity of park identification plaques to be paid for under this item will be the number of plaques furnished and installed in accordance with the plans and specifications, to the satisfaction of the Engineer.

BASIS OF PAYMENT

The price bid shall be a unit price for each plaque and shall include the cost of all labor and material including excavation, concrete foundation, foundation material, sealant, and all other incidental items necessary to furnish and install the plaque, as shown on the plans, as specified, and as directed by the Engineer.