1. EXPANSION JOINT – ASPHALT PLUG JOINT (Added 6-27-05)

Description. Furnish and install an asphalt plug-type joint at the location shown on the plans.

Submittal. Submit the product documentation for the asphalt plug joint being used to the Project Manager for acceptance two weeks prior to starting the work. Include in the submittal,

the product specifications

the material safety data sheet

the manufacturer’s recommended application procedure

the contractor’s work plan for installing the asphalt plug joint.

Do not install the joint until authorization is received from the Project Manager.

Construction Requirements.

Supply and install either a WABO Expandex asphalt plug joint, manufactured by Watson Bowman Acme, a Matrix 502 asphalt plug joint manufactured by Pavetech International, or a joint with performance acceptable to the department. Use asphaltic binder, aggregate, and binder/aggregate mixture that meet or exceed the specifications as recommended by the manufacturer.

Block out the joint opening, or saw-cut and remove the full depth of plant mix surfacing, to the joint opening dimensions shown on the plans. Prepare the joint opening and place the asphalt plug joint material in accordance with the manufacturer’s recommendations. Apply the joint system continuously between curb faces at the location shown on the plans. Compact the asphalt plug joint material perpendicular to the joint before the material has cooled, and as otherwise suggested by the manufacturer.

Method of Measurement. Measure the asphalt plug joint by the linear meter of joint installed.

Basis of Payment. Include all resources necessary to complete this item of work in the unit price bid for Expansion Joint - Asphalt Plug.