**SPECIAL NOTE FOR BRIDGE DECK WATERPROOFING**

**MEMBRANE AND ASPHALT OVERLAY ON BRIDGES**

**I. DESCRIPTION**

Except as specified herein, perform all work in accordance with the Department's Standard and Supplemental Specifications and Standard and Sepia Drawings, current editions. Article references are to the Standard Specifications. The Department will apply the one step bridge deck waterproofing membrane. The Contractor shall apply the asphalt surface overlay.

**II. MATERIALS**

**A. Maintain and Control Traffic.** See Traffic Control Plan.

**B. One Step Membrane.** The Department will furnish materials generally meeting the requirements of Section 808.

**C. Asphalt Overlay**. Use the same class and type of asphalt surface mixture that is being placed on the adjacent roadway.

**III. CONSTRUCTION METHODS**

**A. Maintain and Control Traffic.** See Traffic Control Plan.

**B. One Step Membrane**. Prior to paving, the Department will clean the bridge deck and apply the primer and one step membrane. Do not allow traffic on the cleaned bridge deck prior to the Department applying the primer. Do not allow traffic on the primed bridge deck prior to the Department placing the membrane. Do not allow traffic on the membrane prior to placing the asphalt surface.

**C. Bridge Paving.** Place the asphalt surface immediately after the membrane is in place. For crowned bridge decks, place the asphalt overlay so that it is 1” thicker than the nominal thickness specified in the Contract at the bridge centerline and taper to the specified nominal thickness at the gutter line. The intent is to increase the crown to accelerate water runoff from the bridge deck. For superelevated bridge decks, place the asphalt overlay at the nominal thickness specified in the Contract.

**D. Coordination.** Notify the Engineer two weeks prior to beginning work. The Engineer will coordinate the Department’s operations with the Contractor’s work. Allow sufficient time for the Department’s available resources to complete the One Step Membrane. Delays due to inclement weather, shortage of materials, or other unforeseen causes may affect the Department’s ability to complete the One Step Membrane; therefore, consider these factors when submitting a bid and scheduling work. The Department will not grant any time extension or monetary consideration or consider any claims if the Department’s forces are delayed in placing the One Step Membrane.

**IV. METHOD OF MEASUREMENT AND BASIS OF PAYMENT**

Only the bid items listed will be measured for payment. Payment at the contract unit price per ton for Asphalt Surface shall be full compensation for all labor, materials, equipment, and incidentals for placing asphalt surface as described herein over the One Step Membrane placed by the Department.

1-3110 Waterproof Membrane by Department

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