

BRIDGE POTHOLE REPAIR

****From Middlesex-Waterbury ST IM 089-2(42)**

- xx. DESCRIPTION. This work shall consist of repairing pothole(s) on a bridge deck within the limits shown on the Plans and as directed by the Engineer.

Work under this Section shall be performed in accordance with these provisions and the Plans.

- xx. MATERIALS. Bridge membrane shall meet the requirements of Section 519.

Emulsified asphalt shall meet the requirements of Subsection 702.04.

Bituminous concrete pavement shall meet the requirements of BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY of Section 900.

- xx. CONSTRUCTION REQUIREMENTS. The Contractor shall saw cut and remove the existing bituminous concrete pavement.

Following saw cutting and removal of the existing bituminous concrete pavement, the existing bridge membrane shall be removed. The Engineer will inspect the concrete deck and authorize any necessary repairs.

Concrete deck repairs shall be performed in accordance with Section 580.

When all necessary repairs to the deck have been performed, the membrane shall be repaired. This work shall be performed in accordance with Section 519. Emulsified asphalt shall be applied to the membrane and all sides of the existing bituminous concrete pavement.

New bituminous concrete pavement shall be placed by hand and compacted with a hand tamp. The first lift of new pavement shall match the first lift of the existing pavement (1 ¼" min., 1 ½" max.). Following satisfactory compaction of the first lift, the second lift of new pavement shall be placed by hand and shall be compacted with a plate compactor to the satisfaction of the Engineer.

The Engineer shall inspect the existing pavement on the bridge deck and approve repair of any additional pothole(s) not shown on the Plans.

- xx. METHOD OF MEASUREMENT. The quantity of Special Provision (Bridge Pothole Repair) to be measured for payment will be the number of square meters (square yards) of bridge deck potholes repaired in the complete and accepted work, measured within the limits shown on the Plans.

- xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Bridge Pothole Repair) will be paid for at the Contract unit

price per square meter (square yard). Payment shall be full compensation for furnishing, transporting, handling, and placing the materials specified; for removing and repairing the existing membrane; applying emulsified asphalt and placing bituminous concrete pavement; and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

Saw cutting and removing the existing bridge pavement will be paid for under Contract item 529.10.

Concrete deck repairs and preparing the deck surface for membrane will be paid for under the appropriate Section 580 items in the Contract.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
900.675 Special Provision (Bridge Pothole Repair)	Square Meter (Square Yard)