ITEM 576.36000101 – BRIDGE DECK UNDERDRAIN SYSTEM

DESCRIPTION. This work shall consist of furnishing and placing underdrains consisting of longitudinal half-round deck drains and bottom pans for bridge drainage as shown on the plans and in accordance with these specifications.

MATERIALS. Deck drains and bottom pans shall be 12 gage, galvanized and bituminous coated steel. The zinc coated steel sheet material used in the deck drains and bottom pans shall be in accordance with AASHTO M-218. The material shall be bituminous coated in accordance with the current AASHTO specification M-190.

CONSTRUCTION DETAILS

Fabrication
A. Shop Drawings. Shop drawings will not be required for deck drains and bottom pans.

B. Galvanizing. Galvanizing shall conform to the requirements of NYSDOT Material Specification 719-01, Galvanized Coatings and Repair Methods.

C. Basis of Acceptance. Deck drains and bottom pans shall be accepted at the work site by the Engineer-in-Charge upon certification of the manufacturer that the materials used and fabrication procedure employed conform to the requirements of this specification. The Engineer may reject any underdrain which, in his opinion, exhibits poor quality or workmanship.

Installation of Underdrains
A. Underdrain Installation. The underdrain shall be laid true to line and grade as shown on the plans or as directed by the Engineer.

METHOD OF MEASUREMENT
The underdrain will be measured as the number of lineal feet measured along the center line of each underdrain, furnished and placed as shown on the plans and in accordance with the specifications.

BASIS OF PAYMENT
The unit price bid per foot shall include the cost of furnishing all labor, materials and equipment necessary to erect the underdrains as indicated on the plans.

Payment will be made under:

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<th>Pay Unit</th>
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<td>576.36000101</td>
<td>Bridge Deck Underdrain System</td>
<td>Foot</td>
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