

DESCRIPTION

Under this item, the CONTRACTOR shall perform all work associated with filling in the existing bridge scuppers. The work shall consist of the following operations:

1. Remove and dispose of the existing open floor grating.
2. Remove and dispose of the existing angles on which the existing grating rests.
3. Install 2 1/2" x 6 1/2", #8 gauge corrugated bridge flooring.
4. Fill the resulting void with Class "A" concrete.

MATERIALS

Materials for the above described work shall conform to the requirements of the following sections of the NYSDOT Standard Specifications, latest revision:

Epoxy Coated Bar Reinforcement, Grade 400	709-04
Stud Shear Connectors	709-05
Galvanized Coatings and Repair Methods	719-01
Epoxy Polysulfide Grout	721-03
Bridge Panels	2 1/2" x 6 1/2", #8 gauge
Weldholes and Weepholes	15/16" dia.

CONSTRUCTION DETAILS

The CONTRACTOR shall take extreme care not to damage the 12" framing channel in the process of removing the existing grating and support angles. Any damage to the framing channel shall be repaired by the CONTRACTOR at no expense to the COUNTY.

The panels should be welded to newly installed support angles, the size of which is indicated on the Contract Plans.

Steel stud shear connectors and epoxy-coated bar reinforcement installation will be required prior to the fill-in of the existing scuppers.

The interior surfaces of the 12" grout framing channel shall receive a coating of epoxy polysulfide grout just prior to placement of Class "A" concrete fill.

Welding of the corrugated bridge panels shall conform to the requirements of the Bridge Welding Code, ANSI/AASHTO/AWS D1.5-88. Welder shall be prequalified in accordance with the Bridge Welding Code. Evidence of qualifications shall be submitted to the ENGINEER for approval. Field welds shall fuse or penetrate well into the surface of metal to insure a sound weld.

METHOD OF MEASUREMENT

Payment shall be made at the unit price bid for all work required for each scupper to be

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REMOVE AND FILL IN EXISTING SCUPPERS

filled, as shown and as noted in the Plans, and to the satisfaction of the ENGINEER.

BASIS OF PAYMENT

The unit price bid for each scupper shall include the cost of furnishing the bridge panels, epoxy polysulfide grout, stud shear connectors, epoxy-coated reinforcement, Class A concrete and all labor and equipment necessary to complete the work.

Payment for the work described under this specification shall be made under the following:

<u>Item No.</u>	<u>Item</u>	<u>Pay Unit</u>
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