

**ITEM 11576.2301 M - REMOVE, STORE AND REINSTALL EXISTING BRIDGE SCUPPERS**

**ITEM 11576.2302 M - REMOVE, STORE AND REINSTALL EXISTING HOPPERS**

**ITEM 11576.2303 M - REMOVE, STORE AND REINSTALL EXISTING BRIDGE DOWN SPOUTS**

**DESCRIPTION**

This work shall consist of removal, storage and reinstallation of the existing bridge drainage system consisting of grating, scupper frame, hopper, ductile iron down spouts and pipe couplings, in locations shown in the contract documents, or as directed by the Engineer.

**MATERIALS**

Existing materials shall be salvaged and reused in reinstalling the existing bridge drainage systems referenced in section 576 of the Standard Specifications.

Materials deemed not salvageable shall be replaced with new materials meeting the requirements of section 576 of the Standard Specifications.

**CONSTRUCTION DETAILS**

Before starting work, the Contractor shall notify the Engineer of the method of removal and types of equipment proposed to be used, which will be subject to the approval of the Engineer. This approval shall not be considered as relieving the Contractor of responsibility for safety of work methods, equipment, or for damage to the structure.

The locations of the existing bridge drainage systems to be removed shall be as shown on the plans. The Contractor shall carefully dismantle and remove the existing bridge drainage systems and provide safe storage of the salvaged materials until reuse. Materials which by nature of their construction, or as determined by the Engineer, are not suitable for reuse, shall be replaced in kind with new materials as shown on the plans. The salvaged existing bridge drainage systems shall be erected in locations as shown on the plans and properly connected. The Contractor shall provide new pipe supports, bolts, and connection plates or angles if specified on the contract plans during reinstallation. Areas affected by replacement parts and welding operations shall be retouched as specified in the painting item.

The Contractor shall repair material damaged by its operations.

**METHOD OF MEASUREMENT**

This work shall be measured as the number of existing bridge drainage systems reinstalled as shown on the plans or directed by the Engineer.

**BASIS OF PAYMENT**

The unit price bid shall include the cost of all labor, materials and equipment necessary to complete the work. No separate payments will be made for pipe supports, for bolts or for welding. Damage to material caused by the Contractor's operations shall be repaired at no expense to the State.

Progress payments for the work under this item will be made as follows: 25% for the removal and storage of the existing bridge drainage systems and the remainder (75%) upon satisfactory reinstallation of the existing bridge drainage systems.