

ITEM 11576.99 M - Trench Drain

Description: Under this work, the Contractor shall fabricate, furnish, and install a trench drain and related metal parts as shown on the plans and in accordance with the provisions of the contract documents.

Materials:

A. Fabricated Steel Trench Drain. Plates, bars, and headed anchor studs shall be in accordance with §576-2.01 B. Pipe shall conform to the requirements of ASTM A36 M or approved equivalent by the Engineer subject to the use of the proper thickness and diameter of the pipe.

B. Gratings. In accordance with §576-2.01 C

C. Cap Screws. In accordance with §576-2.01 D

D. Certification. In accordance with §576-2.01 E

Construction details:

Fabrication

The provisions of §576-3.01 A, B1, C2, and E shall apply. In addition the grating shall be galvanized in accordance with the provisions of §576-3.01 C1. The grating shall have a full and even bearing on the underlying surface.

Erection

The drainage trough shall be laid true to line and grade as shown on the plans or as directed by the Engineer.

The interior surfaces of the fabricated steel drainage trough shall be coated with black paint in accordance with §576-3.02 B3, § 708-14, and § 740. The exterior of the drainage trough pipes shall be painted to match the color of the bridge.

Method of Measurement: Measurement will be made for each unit of trench drain furnished and placed as shown on the plans and in accordance with the specifications.

Basis of Payment: The unit price shall include the cost of furnishing all labor, materials, and equipment necessary to erect the trough as indicated on the drawings. No additional payment will be made for furnishing and placing the grating.