

823 - PREFABRICATED INTERCEPTION DEVICES AND SLOTTED DRAINS

SECTION 823

PREFABRICATED INTERCEPTION DEVICES AND SLOTTED DRAINS

823.1 DESCRIPTION

Install steel prefabricated interception devices and steel slotted drains at locations designated in the Contract Documents.

BID ITEMS

Prefabricated Interception Device (*)

Slotted Drain (**)

*Type

**Diameter of CMP

UNITS

Each

Linear Foot

823.2 MATERIALS

a. Steel Prefabricated Interception Device. Provide steel interception devices fabricated to the dimensions shown in the Contract Documents and from components that comply with these requirements:

- provide steel bars for concrete reinforcement and steel fasteners that comply with **DIVISION 1600**;
- provide corrugated metal pipe that complies with **DIVISION 1900**;
- provide steel risers fabricated from the same base metal as the corrugated metal pipe;

b. Slotted Drains. Provide steel slotted drains fabricated to the dimensions shown in the Contract Documents and from components that comply with these requirements:

- provide corrugated metal pipe that complies with **DIVISION 1900**;
- provide steel grating and bulkheads fabricated from the same base metal as the corrugated metal pipe;

c. Concrete. Provide Grade 3.0 concrete that complies with **SECTIONS 401, 402 and 1102**.

823.3 CONSTRUCTION REQUIREMENTS

Install the steel prefabricated interception devices and steel slotted drains at the locations and to the grades shown in the Contract Documents according to **DIVISIONS 200 and 700**.

Repair any damage to the galvanized coating according to **DIVISION 1900**.

823.4 MEASUREMENT AND PAYMENT

The Engineer will measure each steel prefabricated interception device.

The Engineer will measure slotted drains by the linear foot.

Any required excavation, backfill or concrete pads are subsidiary to the prefabricated interception device or slotted drain.

Payment for "Prefabricated Interception Device" and "Slotted Drain" at the contract unit prices is full compensation for the specified work.