Office of Design

10C-4

Temporary Sediment Control Devices for Intakes and Manholes

Design Manual
Chapter 10
Roadside Development and Erosion Control
Originally Issued: 11-16-16

General

The purpose of these devices is to prevent silt from entering into an intake or manhole well. Designers do not need to calculate stormwater volumes for these devices.

Erosion Control for Intake or Manhole Well (570-05)

These devices are used on top of intake or manhole wells which do not yet have tops in place. The perimeter control is the first line of protection. The cover assembly serves as a backup should the perimeter control fail.

Four bid items are involved:

- Temporary Intake or Manhole Cover Assembly. Use Tab 100-11.
- Maintenance of Temporary Intake or Manhole Cover Assembly. Assume 1 per installation. Use Tab 100-11.
- Removal of Temporary Intake or Manhole Cover Assembly. Assume 1 per installation. Use Tab 100-11.
- Perimeter and Slope Sediment Control Device. Use Tab 100-19. Bid the 20 inch diameter device.

Open-throat Curb Intake Sediment Filter (570-06)

These devices are used with open-throat intakes which have tops in place. The device is inserted into the throat of the intake. Three bid items are involved:

- Open-throat Curb Intake Sediment Filter. Use Tab 100-36.
- Maintenance of Temporary Open-throat Curb Intake Sediment Filter. Assume 1 per installation. Use Tab 100-36.
- Removal of Open-throat Curb Intake Sediment Filter. Assume 1 per installation. Use Tab 100-36.

Grate Intake Sediment Filter Bag (570-07)

These devices are used with grate intakes which have tops in place. The device is typically inserted on the casting under the grate. Three bid items are involved:

- Grate Intake Sediment Filter Bag. Use Tab 100-37.
- Maintenance of Grate Intake Sediment Filter Bag. Assume 1 per installation. Use Tab 100-37.
- Removal of Grate Intake Sediment Filter Bag. Assume 1 per installation. Use Tab 100-37.

Chronology of Changes to Design Manual Section:

010C-004 Temporary Sediment Control Devices for Intakes and Manholes

11/16/2016	NEW New.