
Temporary Sediment Control Devices for Intakes and Manholes

Design Manual
Chapter 10
Roadside Development
and Erosion Control

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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.

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](#).

Open-throat Curb Intake Sediment Filter ([EC-602](#))

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](#).

Chronology of Changes to Design Manual Section:

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

8/9/2018 Revised
Changed reference to 570-6 to EC-602.

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New.