

Bracketed section numbers refer to the 2006 *Standard Specifications*.

Section 70 Miscellaneous Drainage Facilities

4-7001 General

Items covered under this section are related to water drainage facilities, water transmission pipe lines, and casings for bridges.

4-7002 Before Work Begins

Before work begins, take the following steps:

- Verify that Form CEM-3101, “Notice of Materials to Be Used,” includes drainage facilities and appurtenances. Refer to Section 6-202, “Responsibilities for Acceptance of Manufactured or Fabricated Materials and Products” of this manual for additional information.
- Before the contractor places orders, notify the contractor of any changes affecting quantities of miscellaneous drainage facilities.

4-7003 During the Course of Work

Once work begins, take the following steps:

- Check all items as they are delivered to the job site to ensure that the Office of Materials Engineering and Testing Services has released the materials for shipment. Also, inspect the materials in accordance with Section 6-2, “Acceptance of Manufactured or Fabricated Materials and Products,” of this manual. Pay particular attention to precast concrete facilities and linings and coatings. Throughout the life of the project, continue to observe and inspect these items for any possible damage by the contractor’s operations.
- Determine that the various components at each installation are properly matched. Prohibit the combined use of aluminum and steel in the same installation except as the specifications permit.
- Observe and record the results of any pressure tests of welded steel pipes.
- Before constructing pipe manholes or inlets to the final grade, require that new pavement or surfacing be completed immediately adjacent to the structure.

4-7004 Measurement and Payment

No adjustment in length is made when pipe is cut to fit a structure.

To properly measure and pay for the various items covered in this section, carefully read the payment clauses in the *Standard Specifications*. Payment for excavation and backfill is included in the payment for the type of miscellaneous drainage facility work involved.

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