
Special Provision to Special Specification 7017

Sanitary Sewers



Special Specification 7017 "Sanitary Sewers," is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

Article 2., "Materials," is amended as follows:

Article 2.22, is added as follows:

- 2.22. **Drop Connections for Sanitary Sewers.** Provide drop connections conforming to same pipe material requirements used in main pipe, unless otherwise indicated on the plans. The minimum outside drop is 6-in. in diameter. If PVC pipe is used, construct the drop connection using SDR 26 PVC pipe (ASTM D 3034).

Article 2.23, is added as follows:

- 2.23. **Survey Television Inspection.** Follow the television inspection procedures and requirements of the utility owner.

Article 3., "Construction," is amended as follows:

Article 3.14, is added as follows:

- 3.14. **Manhole Drop Connections for Sanitary Sewers.** When routing an approved service lead to an existing manhole with invert elevation more than 24-in. lower, utilize connections with an outside drop and adhere to the following criteria:
- The maximum allowable manhole wall penetration is 10- in. in diameter.
 - Provide an outside drop a minimum of 6-in. in diameter and construct it using SDR 26 PVC pipe (ASTM D 3034).
 - Locate the outside drop 45-degrees from the upstream side of the sewer line.
 - Seal the wall penetration using an approved water stop and grout.
 - Backfill the drop assembly with crushed stone wrapped in filter fabric, cement stabilized sand, or Class A concrete to form solid mass. Extend cement stabilized sand or concrete encasement a minimum of 4 in. outside the bells.

Article 3.15, is added as follows:

- 3.15. **Survey Television Inspection.** Follow the television inspection procedures and requirements of the utility owner.

Article 5., "Measurement," is amended as follows:

Article 5.10, is added as follows:

- 5.10. **Survey Television Inspection.** Pre-construction CCTV for the purpose of identifying locations of service connections and pipe condition will be measured by the foot from centerline to centerline of manholes. Follow the television inspection procedures and requirements of the utility owner.

Article 5.11, "Drop Connections," is added as follows:

- 5.11. **Manhole Drop Connection** will be measured by each manhole drop installed of the various sizes complete in place, tested, and accepted by the Engineer. The service connection and fittings are subsidiary to this Item.

Article 5.12, "Remove Existing Sanitary Sewer Pipe," is added as follows:

- 5.12. **Remove Existing Sanitary Sewer Pipe** will be measured by the foot, of the sizes specified.

Article 5.13, "Sanitary Sewer Cleanout," is added as follows:

- 5.13. **Sanitary Sewer Cleanout** will be measured by each cleanout performed complete in place.

Article 6., "Payment," is amended as follows:

Article 6.10, is added as follows:

- 6.10. **Survey Television Inspection.** Payment for pre-construction television inspection of sanitary sewers will be made at the unit price bid for "Pre-Construction Television Inspection," based on actual lengths of television inspection footage, as measured in the field at grade. Follow the television inspection procedures and requirements of the utility owner, including delivery of inspection reports, which are subsidiary to this bid item. No separate payment will be made for the following:
- Poor or unacceptable-quality video (hazy, unclear images will not qualify for payment).
 - Re-recording of any segment without prior approval of the Project Manager.
 - Portions of sanitary sewer not recorded (no payment will be made for length of sewer through which the camera could not pass).
 - Reverse setups required to bracket an obstruction.
 - Sewer flow control.
 - Pre-installation cleaning.
 - Provide a record of location of stacks, stubs, etc. to the utility owner.
 - Post-Construction Television Inspection; this work is subsidiary to installation of new sanitary sewers.

Article 6.11, "Drop Connections," is added as follows:

- 6.11. **Manhole Drop Connections.** Payment will be made at the unit price bid for "Manhole Drop" of the sizes and types specified. Unless otherwise specified on the plans, excavation, disposing of unsuitable excavated material, backfilling, connections, fittings, equipment, labor, tools, incidentals, and testing are subsidiary to this bid item.

Article 6.12, "Remove Existing Sanitary Sewer Pipe," is added as follows:

- 6.12. **Remove Existing Sanitary Sewer Pipe.** Payment will be made at the unit price bid for "Remove Existing Sanitary Sewer Pipe" of the sizes specified. The price is full compensation for demolition plan preparation, loading, hauling, disposal, stockpiling, removing pipe and appurtenances, excavation and backfill, equipment, labor, tools, and incidentals.

Article 6.13, "Sanitary Sewer Cleanout," is added as follows:

- 6.13. **Sanitary Sewer Cleanout.** Payment will be made at the unit price bid for "Sanitary Sewer Cleanout." Unless otherwise specified on the plans, material, excavation, disposing of unsuitable excavated material, backfilling, connections, fittings, equipment, labor, tools, incidentals, and testing are subsidiary to this bid item.