

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 supplemented by the following:

- 2.22. **Drop Connections for Sanitary Sewers.** Provide drop connections conforming to same pipe material requirements used in main pipe, unless otherwise shown on the plans. The minimum outside drop diameter is 6 in. Construct drop connection using SDR 26 PVC pipe (ASTM D 3034).
- 2.23 **Survey Television Inspection.** Provide Survey Television Inspection if shown on the plans. Follow the procedures and requirements of the utility owner.

Article 3., "Construction," is supplemented by the following:

- 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, use connections with an outside drop and adhere to the following criteria:
- Maximum allowable manhole penetration is 10 in. in diameter.
 - Provide an outside drop a minimum of 6 in. in diameter and construct it using SDR 26 PVC (ASTM D3034).
 - Locate the outside drop 45° 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.
- 3.15 **Survey Television Inspection.** Follow the television inspection procedures and requirements of the utility owner, including delivery of the inspection reports.

Article 5., "Measurement," is amended by the following:

Article 5.7, "Abandoning Sanitary Sewers," is voided and replaced by the following:

- 5.7 **Abandoning Sanitary Sewers** will be measured by each sewer abandoned of the sizes specified. When sewers to be abandoned are called out to be filled with grout, they will be measured by the foot, of the sizes specified by plan dimension along the centerline of pipe, for the limits as indicated on the plans. Additional pipe length due to vertical offsets and vertical deflections is subsidiary to this item.

Article 5., "Measurement," is supplemented by the following:

- 5.10 **Survey Television Inspections.** 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.
- 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 connections and fittings are subsidiary to this item.

Article 6, "Payment," is amended by the following:

Article 6.7, "Abandoning Sanitary Sewers," is voided and replaced by the following:

- 6.7 **Abandoning Sanitary Sewers.** Payment for abandoning sanitary sewer will be made at the unit price bid for "Abandoning Sanitary Sewer" of the sizes specified. Excavation and backfill required to abandon the sanitary sewer are subsidiary to this bid item. When sewers to be abandoned are called out in the plans to be filled with grout, payment will be made by the foot at the unit price bid for "Abandon/Fill Existing Sanitary Sewer Pipe" of the size specified. Excavation, backfill, and grout required to abandon the sanitary sewer are subsidiary to this item.

Article 6., "Payment," is supplemented by the following:

- 6.10 **Survey Television Inspection.** Payment for pre-construction television inspection of sanitary sewers will be made at the unit price for "Pre-Construction Television Inspection", based on actual lengths of television inspection footage, as measured in the field at grade. Delivery of inspection reports is 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; or
- Pre-installation cleaning;

Provide a record of location of stacks, stubs, etc. to the utility owner. Post-Construction Television Inspection is subsidiary to the installation of new sanitary sewers.

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