

**7-18 SIDE SEWERS****7-18.1 Description**

This Work shall consist of constructing side sewers in accordance with the Plans, these Specifications, and the Standard Plans, at locations staked, on both the right of way and private property between the main sanitary sewer line and the stubout from a residence or other building.

**7-18.2 Materials**

Materials shall be the same as required for sanitary sewers in Section 7-17.

**7-18.3 Construction Requirements****7-18.3(1) General**

The construction requirements for sanitary sewers in Section 7-17 shall apply to the construction of side sewers.

Side sewers shall not be backfilled prior to inspection.

Side sewers shall be constructed with a maximum joint deflection not to exceed the manufacturer's printed recommendations and in no case shall exceed 2-inches per foot in any joint. Larger changes in direction shall be made by use of standard  $\frac{1}{8}$ -bends.

**7-18.3(2) Fittings**

Side sewers shall be connected to the tee, wye, or riser provided in the public sewer, where such is available, utilizing approved fittings or adapters. Where no tee, wye, or riser is provided or available, connection shall be made by machine made tap and approved saddle.

**7-18.3(3) Testing**

All side sewers shall be tested after backfilling.

All side sewers constructed in conjunction with the main sewer shall, for purposes of testing as specified in Section 7-17, have a 6-inch tee fitting pipe placed at the point where the side sewer crosses the street or other public Right of Way margin. The tee opening shall be positioned perpendicular to the side sewer slope, unless otherwise directed by the Engineer.

When side sewers are not tested simultaneously with the testing of the main sewer, the Contractor, at no expense to the Contracting Agency, shall furnish and place an additional tee in the first pipe out of the main sewer tee or wye branch, so that an inflatable rubber ball can be inserted for sealing off the side sewer and thus permit separate tests.

**7-18.3(4) Extending Side Sewers Into Private Property**

Side sewers shall not be constructed on private property prior to completion and acceptance of the main line and side sewer on public Right of Way or easement unless approved in writing by the Engineer.

**7-18.3(5) End Pipe Marker**

The location of side sewers at the property line shall be marked by the Contractor with a 2 by 4-inch wooden stake 4-feet long buried in the ground a depth of 3-feet. The low end shall have a 2 by 4-inch cleat nailed to it to prevent withdrawal of the stake. The exposed end shall be painted traffic white and the depth to the side sewer or tee shall be indicated in black paint on the 2 by 4. In addition, a length of 12-gage galvanized wire shall be provided to extend from the plugged end of the side sewer or tee. The upper end shall emerge at the 4-foot stake, but shall not be fastened to it.

**7-18.4 Measurement**

Measurement shall be as specified in Section 7-17.4.

**7-18.5 Payment**

Payment shall be made in accordance with Section 1-04.1, for each of the Bid items shown in Section 7-17.5 that are included in the Proposal.

The unit Contract price per linear foot for sewer pipe of the various kind and size specified shall be full pay for all Work required for the completion of the installation including fittings and end pipe marker.