

**San Antonio Water System Standard Specifications for Construction**

**ITEM NO. 831  
CUT-IN TEE**

- 831.1**      **DESCRIPTION:** This item shall consist of cut-in tees (various types and sizes) installed in accordance with these specifications and as directed by the Engineer.
- 831.2**      **SUBMITTALS:** Contractor shall submit manufacturer's product data, instructions, recommendations, shop drawings, and certifications.
- 831.3**      **MATERIALS:** The materials for cut-in tees shall conform to the specifications contained within the latest revision of SAWS' Material Specification for all appropriate items.
- 831.4**      **CONSTRUCTION:** The work involved in cutting in a tee shall consist of the following: excavation, shutdown and isolation of existing main to which the new main is to be connected, cutting pipe for the connection, dewatering the excavation, customer notification of service interruption where required, installation of all pipe used to complete the connection, all necessary tie-ins (connections to existing or new main), fittings, approved reaction blocking required and backfilling the excavation with approved selected materials or flowable backfill, if required. Where the installation of a valve is required, payment will be made in accordance with, Item No. 828, "Gate Valves."

The processes associated with disturbing and restoring pavements (any type), curbs, sidewalks, backfilling to final grade, flowable backfill (if required) and sodding for the installation of a cut-in tee will be considered subsidiary to the work and must comply with the applicable TxDOT Specification or City of San Antonio Specifications for Public Works Construction, any other governing entity's specifications, and applicable street cut policies, ordinances, or permits.

- 831.5**      **MEASUREMENT:** Cut-in tees will be measured by the unit of each such assembly of the various sizes of tee installed.
- 831.6**      **PAYMENT:** Payment for cut-in tees will be made at the unit price bid for each assembly of the various types and sizes of tees to be installed. Such payment shall also include; all necessary tie-ins, protective coating materials for bolts, nuts, ferrous surfaces, polyethylene sleeve, where required, and any necessary hauling and disposition of surplus excavated materials.

- End of Specification -