

*San Antonio Water System Standard Specifications for Construction*

**ITEM NO. 840  
WATER TIE-INS**

- 840.1 DESCRIPTION:** This item shall consist of water main tie-ins installed in accordance with these specifications and as directed by the Engineer.
- 840.2 MATERIALS:** The materials for water main tie-ins shall conform to the specifications contained within the latest revision of SAWS' Material Specifications for all appropriate items.
- 840.3 CONSTRUCTION:** The Contractor shall make tie-ins from new water mains to existing water mains as shown on the plans or as directed by the Engineer. The Contractor shall be responsible for all shutdowns and isolation of the existing mains; cutting pipe for the connection; dewatering the excavation; customer notification of the shutdown; and all other requirements as directed by the Engineer or Inspector to provide completion in a safe and secure manner. All tie-ins shall be done after normal work hours, (8am-5pm). During construction, the planned shutdown and tie-in shall be coordinated through and approved by the Construction Inspector and accomplished at a time which will be at the least inconvenience to the customers. No additional compensation will be provided for tie-ins accomplished after normal working hours.
- 840.4 MEASUREMENT:** Tie-ins will be measured by the unit of each such assembly of the various sizes of tie-ins installed.
- 840.5 PAYMENT:** Payment for "Tie-ins" will be made at the unit price bid for each tie-in of the various types and sizes completed. Such payment shall include; shutdown and isolation of the existing main to which the new main is to be connected, cutting pipe for the connection dewatering the excavation, and customer notification of service interruption where required. Connections between new and existing mains which are made with tapping sleeves and valves and by cutting-in tees will be as no-separate pay item.