

**ITEM 816 WATER LINES AND WATER SERVICE TAPS RELOCATED  
OR ABANDONED – 2 INCH AND UNDER**

- 816.01 Description**  
**816.02 Relocation of Water Service Taps**  
**816.03 Abandonment of Water Mains and Water Service Taps**  
**816.04 Backfill**  
**816.05 Method of Measurement**  
**816.06 Basis of Payment**

**816.01 Description.** Under this item, the Contractor shall provide all labor and material necessary to relocate or abandon existing water mains and/or water service taps as shown on the plans or as specified herein. Work under this item is limited to water mains and water service taps 2 inch and smaller.

**816.02 Relocation of Water Service Taps.** This work consists of installing a new curb stop, relocating the existing curb box and where necessary, furnishing and installing new service pipe and/or service boxes, in accordance with Standard Drawing L-7102A. Uncover the existing service line from the existing curb stop to the proposed curb stop location. After giving the water customer at least 30 minutes advance notice, close the existing curb stop. Install a new curb stop at the new location. Prior to completing the connection of the new curb stop to the existing water service, open both curb stops flush out any foreign matter. Keep the old curb stop open and reopen the new curb stop after completing installation to test for leaks under normal City water pressure. Repair all leaks before backfilling.

Where required, furnish and install new water service pipe from the existing curb stop to the new curb stop. Replace all existing galvanized steel or lead water service pipe all the way back to the water main.

Relocate the existing curb box to the new curb stop location. Provide and place a new curb box for boxes damaged due to no negligence of the Contractor. The City will pay for the new boxes under Item 805. Replace boxes damaged by the Contractor at no additional expense to the City.

**816.03 Abandonment of Water Mains and Water Service Taps.** Where shown on the plans or directed by the Engineer, abandon existing water mains and/or water service taps, 2 inch and smaller, at the corporation stop. Perform water line abandonment after transferring all affected water services and no sooner than 24 hours after shut down of the line designated for abandonment. . Where making abandonments at existing corporation stops, shut the corporation stop and insert a copper disc into the flare nut on the outlet side of the stop. Use a disc in accordance with the current Approved Materials List. Submit alternate methods of abandonment to the Engineer for approval when a copper disc does not secure a tight shut or the Contractor needs to make the shut at a point other than an existing corporation stop . The City will make no additional payment for this work.

Remove all visible valve boxes on the abandoned water line no longer in service. The City will pay for the required surface restoration under the appropriate bid item(s).

**816.04 Backfill.** Backfill all excavations in conformance with Item 801. Prior to backfill, remove the abandoned lines and/or services as required.

**816.05**

**816.05 Method of Measurement.** The City will measure relocated water service taps relocated for payment on the basis of each water service tap actually relocated according to size. The City will make no separate payment for new service pipe, the City will consider the cost as included in the unit price bid for the water service tap actually relocated. The City will make no additional payment for this work.

The City will measure abandoned water service taps for payment on the basis of each tap actually abandoned, irrespective of size. The City will measure water mains abandoned replacement for payment on the basis of each water main of each size actually abandoned.

**816.06 Basis of Payment.** The City will pay for water service taps relocated or abandoned, and will pay for water mains abandoned at the contract price bid as follows:

<b>Item</b>	<b>Unit</b>	<b>Description</b>
816	Each	_____ Inch Water Service Tap Relocated
816	Each	Water Service Tap Abandoned
816	Each	_____ Inch Water Main Abandoned