

**ITEM 808 RELOCATING, CUTTING AND PLUGGING (OR CAPPING)
WATER MAINS OR SERVICES 3 INCHES AND LARGER**

- 808.01 Description**
808.02 Relocation
808.03 Cutting and Plugging (Capping)
808.04 Basis of Payment

808.01 Description. Under this item, the Contractor shall provide all labor and material necessary to relocate and/or cut and plug (cap) water lines or water service taps 3 inch and larger

as shown on the plans or specified herein. The Contractor shall notify all water consumers affected by a water shutdown of the approximate length of the shutdown at least 24 hours in advance .

On water lines the Contractor cuts and plugs or relocates, remove all visible valve boxes no longer in service. The City will pay for the required surface restoration for under the appropriate bid item(s).

808.02 Relocation. Complete installation of relocated water lines or water service taps as required on the plans unless otherwise specified by the Engineer. Lay, test, and chlorinate (by City) the relocated line prior to connection of said line(s) to the existing water line(s). Hand swab all pipes and fittings not otherwise disinfected. The Division of Power and Water will determine the amount of chlorine used during hand swabbing operations . Connect the relocated line(s) to the existing water line(s) as specified on the Division of Power and Water, Standard Detail Drawing L-7401, Typical Water Line Lowering, unless otherwise specified in the contract plans or by the Engineer. Use material and construct the relocated water line or water service tap as required for new installations under Item 801 or 805 respectively.

808.03 Cutting and Plugging (Capping). Transfer all affected water services and shut the existing waterline down for 24 hours before cutting and plugging the line. Cut the existing pipe at the point designated on the plans or by the Engineer. . Use a cutting method approved by the Engineer. Use either mechanical joint or slip joint plugs and/or caps, as required in connection with the work under this item, manufactured in accordance with AWWA Specification C-110. After installing the plug or cap, install a blocking or restraint system to adequately brace the plug or cap. The City will allow temporary blocking against the abandoned pipe. I Install the permanent blocking in accordance with 801.10. After plugging or capping the water line and installing permanent blocking, backfill the hole as specified under Item 801.

808.04 Basis of Payment. The City will consider the unit price bid for cutting and plugging (capping) water lines and water service taps as full compensation for all labor, material and equipment required to complete the work as required in the above specifications and shown on the plans. The City will pay for pavement or sidewalk replacement under the appropriate items.

The City will consider the per each unit prices bid for water line and/or water service tap relocations as full compensation for all labor, material and equipment required to complete the relocation, including the cut and plug of the existing water line, the installation of the replacement pipe, the addition of valves as requested, and the transfer

808.04

of all water line appurtenances. The City will pay for pavement and/or sidewalk replacement for under the appropriate items.

The City will consider the linear foot prices bid for water line and/or water service tap relocations, as full compensation for all labor, material and equipment required to complete the relocation. The City will pay for the transfer of water line appurtenances, the addition of valves as required, and the sidewalk and/or pavement replacement for under the appropriate items. The City will base payment for replacement pipe, measured as described under Item 801 at the unit price bid.

The City will make payment at the contract price for:

Item	Unit	Description
808	Each	Cut and Plug (Cap) ___ Inch Water Line or Water Service Tap
808	Each	Relocate ___ Inch Water Line or Water Service Tap
808	Linear Foot	Relocate ___ Inch Water Line or Water Service Tap