



**SPECIAL PROVISIONS
FOR
CONNECTION TO EXISTING WATER MAIN AND SERVICES**

**Clayton County
STPN-076-1(16)--2J-22**

**Effective Date
November 16, 2021**

THE STANDARD SPECIFICATIONS, SERIES 2015, ARE AMENDED BY THE FOLLOWING MODIFICATIONS AND ADDITIONS. THESE ARE SPECIAL PROVISIONS AND THEY SHALL PREVAIL OVER THOSE PUBLISHED IN THE STANDARD SPECIFICATIONS.

150769.01 DESCRIPTION.

This work includes the connection of newly installed water main to the existing water main as shown on the plans. This work also includes the connection of new water services to the existing service lines. The work shall include all labor, materials, and equipment to make the connections to the existing water utilities.

150769.02 MATERIALS.

- A. Fittings: Comply with Section 4150 of the Standard Specifications.
- B. Water Service Pipe and Appurtenances: Comply with Section 4150 of Standard Specifications.

150769.03 CONSTRUCTION.

- A. **Connection to Existing Water Main:** Before excavation of trenches is begun, uncover the existing water main to which the new main is to be connected. This will permit adjustments in line and grade to avoid the use of extra fittings. The exposed section of an existing main must be protected and blocked to prevent the blowing out of the plug or cap at the end of the main.
- B. **Cutting of Existing Mains:** The Water Utility will assist the Contractor in locating distribution system valves. Cut the water main, remove any plugs or caps, and pump the water out of the trench caused by cutting of the main or removal of the plugs or caps. All excavations required shall be made by the Contractor. All the necessary fittings at shall be on site and the pipe shall be exposed before requesting that valves be closed.
- C. **Notice to Water Utility:** Give a minimum of 48 hours written notice to the Water Utility when requesting a water shut-off. The Water Utility shall determine the time and duration of the shut-off. Continue the work to completion and restore service to the interrupted main. No claim for extra compensation will be considered for overtime due to the hours of shut-off.

D. Temporary Water Service: The Contractor shall maintain water service at all times during the installation of the new watermain with minimal duration for water shut-offs during watermain and water service connections.

E. Removal of Water Main Materials: Remove all abandoned gate valves, tapping valves, valve boxes and all other water main material indicated on the plans or as the Engineer determines. Start the cutting of pipe and burning and chipping out of joints only after permission is given by the Engineer.

Carefully handle all water main material removed. Replace any water main material broken by carelessness in removing. If the material is to be re-used, thoroughly clean the inside and outside. If any water main materials are not to be re-used, pile neatly on a site designated by the Water Utility. Lead removed shall become the property of the Contractor. Asbestos cement pipe requires special handling and shall be disposed of at an approved landfill at the Contractor's expense. All other material shall remain the property of the Water Utility.

F. Abandonment: Fill the open ends of all water mains, large services and branches that are abandoned in place with a heavy masonry plug. The minimum thickness of plugs shall be 8 inches for mains up to and including 16 inches in diameter and 12 inches for mains over 16 inches in diameter.

G. Reconnection to Water Service: Install the water service pipe, water service corporation, and water service curb stop and box per Section 2554 of the Standard Specifications. Reconnect the existing water service to the new water service curb stop at the property line as shown on the plans.

150769.04 METHOD OF MEASUREMENT.

A. Connection to Existing Water Main.

Connections to the existing water main shall be measured per each connection point made.

B. Reconnect Existing Services.

Each reconnection to an existing water service shall be counted.

150769.05 BASIS OF PAYMENT.

A. Connection to Existing Water Main.

1. Payment will be the contract unit price for each connection to existing water main.

2. Payment is full compensation for:

- a. Verifying location of existing water main,
- b. Excavation,
- c. Cutting of existing main,
- d. Pumping any water caused by cutting of the main,
- e. Removal of any abandoned water main materials,
- f. Plugging the ends of any abandoned water mains,
- g. Coordination with the Water Utility.

B. Reconnect Existing Services.

Payment will be the contract unit price for each reconnection to existing water services.