

SECTION 754 ADJUSTING WATER SERVICES

754.01 Description. This work consists of adjusting the water line services to private properties.

754.02 Materials. Materials for adjusting water services shall conform to the following Sections:

Backfill Material, Borrow Type C	209
Portland Cement Concrete, Class B	812
Stone, Delaware No. 8	813

All pipe, fittings, and hardware shall conform to the requirements shown on the Plans and to the standards and specifications of the utility owner, or as directed by the Engineer.

754.03 Construction Methods. The plumbing work required under this Section must be performed in accordance with applicable codes and industry standards.

Water services shall be adjusted in accordance with the details shown on the Plans and the standards and specifications of the utility owner, and as directed by the Engineer. The Contractor shall acquaint itself with these standards and specifications prior to the submission of a proposal for the construction of the work included in the Contract documents.

The Contractor shall install water services and appurtenances of the sizes and to the lines required, and as designated by the Engineer.

Proper and suitable tools and appliances for the safe and convenient handling and laying of pipe and fittings shall be used. Pipe, fittings, and other appurtenances shall be carefully handled and lowered into the trench. The ends of the pipe shall abut against each other in such a manner that there shall be no unevenness on the inside of the pipe.

Special care shall be taken to ensure that the pipes are well bedded on a solid foundation. Any defects due to settlement shall be repaired by the Contractor. A special precaution shall be exercised to prevent any pipe from resting on rock.

The pipes and fittings shall be thoroughly cleaned before they are laid and shall be kept clean until the acceptance of the completed work. At the close of work each day, the end of the pipe lines shall be tightly closed with a suitable stopper so that no dirt or foreign substances can enter the pipe. The stopper shall be kept in place until pipe laying is again resumed.

Whenever a pipe or fitting requires cutting to fit in the line or to bring it to the required location, the work shall be done in a satisfactory manner so as to leave a smooth end.

Completed water services shall be tested for leakage. No leakage shall be allowed. The minimum test pressure shall be the same as mainline water pressure. Testing shall conform to the requirements of the utility owner within each municipality.

If the service indicates any leakage whatsoever, the Contractor shall repair the leaks or defects and, if so directed, retest the line after the correction of defects. This testing and correcting of defects shall continue until all leaks have been stopped.

Leaks and defects shall be repaired or otherwise remedied by the Contractor to the complete satisfaction of the Engineer, at whatever time leaks or defects become apparent, prior to the final acceptance of the work.

All excess material shall be removed from the Project site or otherwise disposed of as specified in [Subsection 106.09](#). Trench restoration shall include seeding, sodding, or plant replacement, as necessary.

754.04 Method of Measurement. The quantity of water services adjusted will be measured as the actual number of water services adjusted and accepted.

754.05 Basis of Payment. The quantity of water services adjusted will be paid for at the Contract unit price per each. Price and payment will constitute full compensation for furnishing and placing all materials, including couplings and corporation stops for use on copper service; for all excavating, backfilling, compacting, and disposing of excess materials; for trench restoration, which includes seeding, sodding, or plant replacement, if necessary; for repairing leaks and defects, including defects due to settlement; and for all labor, equipment, tools, and incidentals required to complete the work.

MISCELLANEOUS