

## ITEM 908

### WATER MAIN CONNECTIONS

#### 908.1 Description

This section shall govern the provisions for the removal of existing water line valves and fittings and furnishing all valves, fittings and accessories for the installation of the new water main connection to the existing water main.

#### 908.2 Materials

Valves and fittings shall conform to requirements as specified under other sections of these specifications.

#### 908.3 Construction Methods

All material furnished by the contractor shall be delivered to the job site and unloaded by hoists or skidding so as to avoid shock or damage. Under no circumstances shall such material be dropped.

Connecting to existing water mains will be coordinated with the Public Works Department through the Engineer or his representative and planned in such a manner as to create the least amount of inconvenience for the City's customers.

Prior to making water main connections at location shown on the plans, contractor must have all materials on the job site and the existing line exposed during the day to verify type of material needed. The flow within the existing water main can be turned off by use of line valves for a short period of time needed in order for the contractor to remove the existing valves, fittings, and to install the new valves, fittings, and accessories for a complete tie-in.

Concrete thrust blocks for restraining pipe joints will not be permitted within the water main connection. All joints shall be restrained by use of lugs, tie-rods, and socket clamps. All bolts, nuts, and clamps must be hot tar coated at contractor's expense prior to backfilling.

The completed water line connection shall be tested at each joint for leaks prior to completing the backfill.

After the connection has been completed, tested, and sterilized, the closed valves must be opened as soon as possible and flushed.

Backfilling of the completed work shall be done with select material and mechanically tamped to density equal to adjacent soil.

908.4 Clean-Up

The contractor shall perform the clean-up work after completion of the backfill and before removal of the barricades and lights. The construction area shall be returned to its original shape or better.

908.5 Measurement

Connection to existing water mains will be measured as an individual unit item as indicated in the proposal.

908.6 Payment

Payment for connect to existing water mains shall be made at the unit price bid for each. On connect to existing water lines size 4" or less, all fittings required to complete the connection will be considered incidental.

The above payment will constitute full compensation for furnishing all plant, equipment, labor, materials, superintendence; removal of existing fittings, and thrust blocking; installing new fittings not indicated on the plans and accessories; joint restraints, sterilization, testing, and all other incidental work necessary for a complete water main connection.

END OF ITEM 908