

**SECTION 02460
WET CONNECTIONS**

PART I: GENERAL

1.1 GENERAL REQUIREMENTS

- A. Wet connections for new water lines and service lines to existing water lines.

1.2 MEASUREMENT AND PAYMENT

- A. Unit Prices:
 - 1. Payment for wet connections shown on the Drawings is on a unit price basis for each wet connection. Separate payment shall be made for each size of water line.
 - 2. No compensation shall be given for extra work or for damages occurring as result of incomplete shutoff.
 - 3. Refer to Section 01270 – Measurement and Payment for unit price procedures.
- B. Stipulated Price (Lump Sum).
 - 1. If Contract is Stipulated Price Contract, payment for work in this Section is included in Total Stipulated Price.

1.3 REFERENCES

- A. AWWA – American Water Works Association.
 - 1. AWWA C800 – Standard for Underground Service Line Valves and Fittings.
- B. CFTS – City of Friendswood Technical Specifications.

1.4 DEFINITIONS

- A. Wet connections consist of isolating sections of pipe to be connected with existing valves, draining isolated sections and completing connections.
- B. Connection of two inch (2 In) or smaller lines, which may be referred to on the Drawings as "two inch (2 In) standard connections" or "gooseneck connections" shall be measured as two inch (2 In) wet connections. This item is not to be used as part of two (2) inch service line.

PART II: PRODUCTS

2.1 MATERIALS

- A. Pipe shall conform to requirements of applicable portions of Sections 02200 through 02285 related to piping materials and to water distribution.
- B. Corporation cocks and saddles shall conform to requirements of Section 02430 – Water Tap and Service Line Installation.
- C. Valves shall conform to requirements of Section 02410 – Gate Valves.

- D. Brass fittings shall conform to requirements of AWWA C800.

PART III: EXECUTION

3.1 CONNECTION OPERATIONS

- A. Plan wet connections in manner and at hours with least inconvenience public. Notify the Project Manager at least seventy-two hours (72 Hrs) in advance of making connections.
- B. Do not operate valves on water lines in use by the City. The City of Friendswood Public Works Department shall handle, at no cost to the Contractor, operations involving opening and closing valves for wet connections.
- C. Conduct connection operations when the Project Manager is at job site. Connection work shall progress without interruption until complete once existing water lines have been cut or plugs have been removed for making connections.

3.2 TWO INCH (2 IN) WET CONNECTIONS

- A. Tap water line: Use corporation cocks, saddles, copper tubing as required for line and grade adjustment and brass fittings necessary to adapt to existing water line. Use two inch (2 In) valves when indicated on the Drawings for two inch (2 In) copper gooseneck connections.

END OF SECTION