

SECTION 2250 - TAPPING SLEEVE AND VALVE

PART 1 - GENERAL

1.1 SCOPE OF WORK:

Provide all labor, materials, equipment and services required to furnish and install all tapping sleeves and valves shown on the drawings and/or specified herein.

1.2 SUBMITTALS:

- A. Descriptive literature, catalog cuts, and dimensional prints clearly indicating all dimensions and materials of construction, shall be submitted on all items specified herein to the ENGINEER for review before ordering. Comply with provisions of Section 1010.
- B. At the time of submission, the CONTRACTOR shall, in writing, call ENGINEER's attention to any deviations that the submittals may have from the requirements of the ENGINEER's Contract drawings and specifications.

PART 2 - PRODUCTS

2.1 TAPPING SLEEVES AND VALVES:

- A. Tapping sleeves for connections to existing water lines shall be of the solid body mechanical joint type suitable for operating pressures of 250 psi for 4" – 12" sizes and 200 psi for 14" – 24" sizes and shall be Mueller No. H-615, American Flow Control No. 2800, M & H No. 1174, Kennedy Fig. 920, or equal.
- B. Tapping valves shall be of the mechanical joint type suitable for operating pressures of 250 psi and shall be Mueller No. T-2360-16, American Flow Control No. 2500, M & H No. 751, Kennedy Fig. 950 or equal.
- C. All interior parts of sleeve, valve, and tapping bit shall be kept clean and shall be sprayed or swabbed with a 2% solution of sodium hypochlorite.
- D. All existing water mains to be tapped under this contract shall be exposed in order to verify line sizes prior to ordering tapping sleeves and valves. The tap size should be equal to the actual inside diameter of the tapping sleeve and valve to be used. OWNER must be contacted prior to excavating.
- E. The CONTRACTOR shall give the OWNER at least forty-eight (48) hours notice before making any connection to an existing main. All connections shall be "wet" taps - no valves in operation shall be shut.
- F. Taps on prestressed concrete cylinder pipe (PCCP) shall be made by the PCCP pipe manufacturer.
- G. Operating nuts shall be no deeper than 48". Extension stems shall be provided, where necessary. All tapping sleeve bolts and nuts shall be stainless steel.

PART 3 - BASIS OF PAYMENT

Payment for connection to existing water mains will be made at the Contract unit price each, complete in place, which price shall include compensation for furnishing and installing the tapping sleeve and valve, hauling, excavating (including rock), labor, backfilling, and all other installation requirements for connection to existing mains. Valve boxes and valve markers shall be furnished and installed with each tapping valve.

END OF SECTION