

## SECTION 1426

### VALVE BOX AND COVER

#### 1426.0100 GENERAL

**1426.0101 Description of Work.** The work under this Section shall consist of furnishing all labor, materials, and equipment required for the installation of valve boxes and covers in accordance with the requirements of these specifications (see TW Standard Detail 300).

**1426.0103 Submittals.** All submittals shall refer to the Tucson Water project plan number.

**1426.0104 Delivery, Storage, and Handling.** Valve boxes and covers shall be delivered to the site, stored, and handled in accordance with the manufacturer's instructions except as modified by the plans, special specifications, or as directed by the Engineer.

#### 1426.0200 PRODUCTS

**1426.0201 Materials.** Valve boxes and covers shall be heavy cast iron in conformance with ASTM A48, Class 30B. They shall also conform to the requirements of TW Standard Detail 300. Valve boxes shall be one piece with inside fitting cover, and shall be equipped with lugs or lips for setting in concrete. Covers shall be marked "Water Valve" or "Reclaimed Water Valve," as applicable.

#### 1426.0300 EXECUTION

**1426.0302 Installation.** Valve boxes and covers shall be installed in accordance with TW Standard Detail 300.

#### 1426.0303 Existing Valve Box and Cover Adjustments.

**(A) Description.** The work under this item shall consist of furnishing all labor, equipment, and materials required for adjusting existing valve boxes and covers at the locations shown on the project plans and in accordance with the requirements of these special provisions.

**(B) Materials.** The Contractor shall protect all existing water valve boxes and covers during the course of the work. For badly worn boxes and covers—or for valves lacking boxes or covers—the Contractor shall notify the City of Tucson Water Department's Construction Section Representative, who shall make arrangements for the Contractor to obtain, at no expense, new valve boxes and covers from the Water Department. The Contractor shall pick up the new valve boxes and covers from Tucson Water Stores—1445 South 11<sup>th</sup> Avenue, (520) 791-4194—between the hours of 8 a.m. and 2 p.m., Monday through Friday. However, this does not relieve the Contractor of his/her responsibility to provide new valve boxes and covers for new valves as called for and indicated on the plans.

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**(C) Construction Requirements.** The Contractor shall adjust existing water main valve boxes and covers to the level of the new pavement of finished grade. This work shall be done in accordance with TW Standard Detail 300.

**(D) Methods of Measurement.** Adjustment of existing valve boxes and covers will be measured by the unit for each valve box and cover adjusted.

**(E) Basis of Payment.** The accepted quantities of adjusted existing valve boxes and covers, measured as specified above, will be paid at the contract unit price per adjustment. This price shall be full compensation for the work, complete in place.