

San Antonio Water System Standard Specifications for Construction

ITEM NO. 826
VALVE BOX ADJUSTMENTS

826.1 **DESCRIPTION:** This Item shall consist with the adjusting of existing valve boxes in accordance with these specifications and as directed by the Engineer.

826.2 **MATERIALS:** The materials for valve boxes shall conform to the specifications contained within the latest revision of SAWS Material Specifications "Valve Boxes", Item No. 10-20.

1. Construction Method: The valve box shall be placed in such a manner to prevent shock or stress from being transmitted to the valve. It shall be centered and plumb over the operating nut of the valve with the box cover flush with the surface of the finished pavement or at such other level as may be directed by the Engineer. Valve boxes located in streets or other area subject to vehicular traffic shall be provided with concrete collars as shown in the Standard Drawings DD-828 Series. Collars around such valve boxes shall be formed and finished off neatly and in a workmanlike manner.

Valve box shall be located so that the valve operating nut is readily accessible for operation through the opening in the valve box. The valve box shall be set flush with the surface of the finished pavement or at such other elevations as may be specified. Pits shall be constructed so that it permits minor valve repairs and provides the valve and pipe protection from impact where they pass through the pit walls.

2. Existing valve box: Existing valve boxes shall be defined as boxes which are located within the right-of-way of the specified area of construction operations and are in conflict. These boxes shall be adjusted to match proposed finished grades.

Valve boxes installed as part of a new valve and mainline construction project are considered "new valves." Adjustments to "new valves" are incidental to the installation of the valve and are paid for as part of Item Nos. 828, 830 or 832 of these Specifications. Separate pay shall not be given to adjust "new valves" to finished grade.

826.3 **MEASUREMENT:** Adjustment of valve boxes will be measured by the unit of valve boxes adjusted to the finished grade.

826.4 **PAYMENT:** Payment for "Valve Box Adjustment" shall be made at the contract

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unit price.