

## SECTION 2440 - METER BOXES

### PART 1 - GENERAL

#### 1.1 SCOPE OF WORK:

Provide all labor, materials, equipment and services required for furnishing and installing all meter boxes specified herein.

#### 1.2 RELATED WORK SPECIFIED ELSEWHERE:

- A. Service Connections: Section 2410

### PART 2 - PRODUCTS

#### 2.1 METER BOXES:

- A. Materials: "Sonoloc" PVC plastic "molded" as manufactured by Sonoco Products Company, Polyethylene plastic molded as manufactured by DFW Plastics, Inc., Round Meter Boxes as manufactured by Mid-States Plastics, Inc., or equal.
- B. Meter boxes shall be 20" inside diameter for 5/8"x3/4" and full 3/4" service meters, 24" inside diameter for 1" service meters, 30" inside diameter for 1-1/2" service meters and 36" inside diameter for 2" service meters.
- C. Service meters larger than 3" shall be installed inside a meter vault constructed in accordance with the Butler County Water and Sewer Standard Specifications and Details, (as shown in Section 5190, Standard Installation for 3" and Larger Water Meters).

#### 2.2 METER BOX COVERS:

- A. For the 20" meter box, a single lid meter box cover having 11-1/2" lid opening with a locking lid with a 1-3/4" diameter hole to accept an electronic meter reading module shall be supplied. Ford Meter Box Co. No. W3-C-REC463-T or equal shall be acceptable. 24", 30", or 36" meter boxes shall have monitor covers with locking outer lids with a 1-3/4" diameter hole to accept a touch-read pad, Ford Meter Box Co. Monitor Covers No. MC-24-T, MC-30-T, or MC-36-T respectively, A.Y. McDonald Monitor Covers No. 74M24-T, 74M30-T, or 74M36-T respectively, or equal.
- B. Meter pits, curb stops and/or fire vaults shall be located in accordance with the Butler County standard street section on private property within two feet (2') of the utility easement line, where a platted utility easement exists adjacent to the right-of-way. Where no utility easement exists adjacent to the right-of-way, the meter pit, curb stop and/or fire vault shall be located on private property within two feet (2') of the property/right-of-way line. The maximum distance from the water tap to the meter pit, curb stop and/or fire vault shall be the shortest distance from the water tap location on the water main to the edge of the right of way or easement line plus two feet (2'), unless approved otherwise by BCWS.
- C. The meter box shall not be installed in a driveway.

### PART 3 - BASIS OF PAYMENT

Furnishing and installing meter boxes is not a pay item. The cost should be included as part of the pay item for service connections.

END OF SECTION