

**ROGERS WATER UTILITIES WATER SYSTEM
ROGERS, ARKANSAS**

**SPECIFICATIONS FOR 1½ AND 2 INCH
METER SERVICE HARDWARE
AND METER BOXES
REVISED NOVEMBER 2006**

1. **SCOPE**

This product specification covers waterworks service hardware and meter boxes for 1½ and 2 inch water meter installations.

2. **GENERAL REQUIREMENTS FOR 1½ AND 2 INCH METER SERVICE
HARDWARE**

- a. The brass composition shall conform to ASTM B62-02 and ASTM B63-90(2001), or latest revision and the threads shall conform to AWWA/ANSI C800-89, or latest revision.
- b. Ball type valves shall be rated for a working pressure of 300 psi.
- c. Copper tubing to brass hardware and 2 inch threaded gate valve on water main shall be 2 inch straight tubing (hard temped-type K) and the connections shall be a solder joint (95-5 solder).

3. **GENERAL REQUIREMENTS FOR METER BOXES FOR 1½ AND 2 INCH
METER SERVICE HARDWARE**

- a. Meter boxes in green areas (non-traffic) shall be two rectangle one-piece molded constructed for durability and impact strength out of high-density polypropylene material (bottom of box to bottom of box).
- b. Meter box cover for polypropylene boxes shall be made of high-density polypropylene material with a 4 5/8"x 7 5/8" cast iron reader lid.
- c. Meter boxes in sidewalk areas (non-traffic) shall be made of pre-cast concrete with a wall thickness of 2 inches.
- d. Meter box covers for pre-cast concrete meter boxes shall be made of welded ¼ inch treads plate steel. The meter box cover shall be a full width, hinged cover with lock post and one 1¾ inch hole for touch read sensor.

**1½ AND 2 INCH METER SERVICE
HARDWARE AND METER BOXES
02-13 SPECIFICATIONS**

4. QUALITY ASSURANCE

- a. The Rogers Water Utilities may, at no cost to the manufacturer, subject random meter service hardware and meter boxes to testing by an independent laboratory for compliance with these standards. Any visible defect or failure to meet the quality standards herein will be grounds for rejecting.
- b. All meter service hardware and meter boxes shall be domestically manufactured.

The following manufacturers are approved for meter service hardware and meter boxes.

APPROVED 1½ AND 2 INCH METER SETTER MANUFACTURERS LIST

<u>Manufacturer</u>	<u>Model Number</u>
Ford Meter Company	VBHH77-9-5609-001
Mueller Company	605B2423-2-37
A Y McDonald	20R715WDFF7755X413

APPROVED METER BOX MANUFACTURERS LIST

<u>Manufacturer</u>	<u>Model Number</u>	<u>Meter Setter</u>
Carson-Brooks Plastics, Inc.	Two 1730-6B-1277 w/1-meter reader lid	1½ inch and 2 inch (green area)
Box-Scurlock; Fayetteville, AR Cover-Northwest Welding; Rogers, AR (or approved Equal) See attached drawing	32"x 42"x 32" (Exterior Dimension)	1½ inch and 2 inch (sidewalk area)