



PROJECT SPECIAL PROVISIONS  
Utility Construction

All proposed utility construction shall meet the applicable requirements of the NC Department of Transportation's Standard Specifications for Roads and Structures dated July 2006 and OWASA Standards and Specifications dated August, 2003 or latest revised version.

Revise the *2006 Standard Specifications* as follows:

**Utility Owners' Contact Information:**

**Page 15-1, Subarticle 1500-2 Cooperation with the Utility Owner**, paragraph 2, add the following sentences:

All water lines on this project belong to Bertie County Water.

The Contractor shall provide access for the owner's representatives to all phases of construction and keep all valves and meters accessible during construction. A preconstruction meeting shall be held with Bertie County Water, the Utility Contractor and D.O.T prior to any work beginning. The Contractor shall notify the owner two weeks before commencement of any work and three weeks before service interruption.

The contact person for Bertie County Water is Mr. Ricky Spivey, he can be contacted at 252-794-4427.

The contractor shall provide a set of as-built plans to Bertie County Water after all the work shown on the Utility Construction Plans is completed.

**Page 15-9, Subarticle 1515-2 Materials**, add the following sentence:

In addition to the water line materials specified under Section 1036, the water line can be High Density Polyethylene (HDPE) pipe conforming to AWWA C906 with an SDR of 9 and pressure rating of 200 # WP.

**1. INSERT GATE VALVE AND VALVE BOX**

Install insert gate valves and valve boxes in accordance with the applicable utility provisions herein, as shown on the utility plans, and/or as directed by the Engineer. Insert valves shall be installed on active water lines that cannot be shut down.

Insert gate valves shall consist of two basic assemblies, a sleeve permanently attached to the water main and a valve mechanism inserted into the sleeve to complete installation. Sleeves shall be stainless steel ASTM A 240, Type 304. Bolts, nuts, and washers shall conform to stainless steel ASTM A 193, A 194, Type 304. The contractor shall verify material (type, size, etc.) of the existing pipe to be valved before ordering the sleeve. Insert gate valve mechanism shall be iron body and shall conform to ANSI/AWWA C509 for resilient seat type valves. Insert gate valves shall have non-rising stems with a 2 inch square operating nut that shall open by turning counter-clockwise. Insert gate valves shall have a design working pressure of 150 psig.

Install insert gate valves with an approved valve box set flush with the ground. Valve boxes shall be of the screw or slip type with a base to fit the valve yoke and removable plug cap with the word "WATER" cast therein. Install cast iron valve boxes conforming to ASTM A48, Class 30, unless otherwise shown on the utility plans and/or as directed by the Engineer.

The quantity of insert gate valves and valve boxes, installed in accordance with plans and provisions herein and accepted, will be measured and paid for at the contract unit price per each for "10" Insert Gate Valve and Valve Box, 150 # WP." Such prices and payments will be full compensation for all materials, labor, excavations, installation, sterilization, pressure testing, valve box installation with the necessary extension pieces, stone bedding, backfilling, and incidentals necessary to complete the work as required.

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## Utility

UTILITIES BY OTHERS:

## General:

The following utility companies have facilities that will be in conflict with the construction of this project:

- A) Roanoke Electric Co-op (Power)
- B) Embarq (Telephone)
- C) Media-Com (CATV)

The conflicting facilities of these concerns will be adjusted prior to the date of availability, unless otherwise noted, and are therefore listed in these special provisions for the benefit of the Contractor. All utility work listed herein will be done by the utility owners. All utilities are shown on the plans from the best available information. For utility relocations, see the Utilities By Others Plans.

The Contractor's attention is directed to Article 105-8 of the Standard Specifications.

## Utilities Requiring Adjustment:

## A) Roanoke Electric Co-op (Power)

1. Contact is Bill Bunn at (252)536-9344
2. See Utilities By Others Plans for details.

## B) Embarq (Telephone)

1. Contact is Cecilia Price at (252)321-9401
2. See Utilities By Others Plans for details.

## C) Media-Com (CATV)

1. Contact is Ted Carroll at (252)339-7014
2. See Utilities By Others Plans for details.