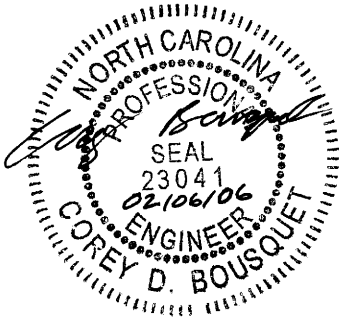


February 6, 2006

Project: B-3636  
County: Chowan

PROJECT SPECIAL PROVISIONS  
Utility Construction

I. GENERAL CONSTRUCTION REQUIREMENTS:

Specifications:

The proposed utility construction shall meet the applicable requirements of the NC Department of Transportation's "Standard Specifications for Roads and Structures" dated January 2002, and the following provisions.

Lay water mains at least 10 feet laterally from existing or proposed sanitary sewers.

The depth of pipeline installation may vary to achieve minimum clearance of existing or proposed utilities or storm drainage while maintaining minimum cover specified (whether existing or proposed pipelines, conduits, cables, mains and storm drainage are shown on the plans or not).

After the installed pipe, fittings, valves, hydrants, corporation stops and end plugs are inserted and secured, the pipe line shall be subjected to a hydrostatic pressure test of 200 psi for a period of 2 hours, by pumping the section full of clean water using an approved pressure pump. Cross connection for flushing and chlorination shall be made by means of a temporary connection from the supply pipe with an approved backflow prevention device. Taps for the cross connection piping shall be made to the portion of the existing water main that will be removed from service. The proposed water main shall be laid to within one pipe length of the point of final connection prior to flushing and testing. All flushing and chlorination work shall be performed in accordance with AWWA C651-99. All fittings, valves and backflow prevention devices required for chlorination and testing shall be incidental to the cost of the proposed pipe being tested.

Contractor shall make such arrangements, as the utility owner requires, for measuring and paying for water required to flush and test water mains.

Copies of bacteriological testing reports shall be provided to the utility owner prior to activating new water mains.

Owner and Owner's Requirements:

The existing utilities belong to the Chowan County District Water. The Contractor shall provide access for the owner's representatives to all phases of construction. Notify the owner two weeks before commencement of any work and one week before service interruption.

The existing water shall stay in service while the proposed water line is being installed. The existing water line can only be shut down for 8 hours maximum to make the proposed tie-ins.

Utility Locations Shown on the Plans:

The location, size, and type material of the existing utilities shown on the plans are from the best available information. The Contractor will be responsible for determining the exact location, size, and type material of the existing facilities

II. COMPENSATION:

No direct payment will be made for utility construction work required by the preceding provisions, which are general requirements applying to utility construction, and all of the requirements stated will be considered incidental work, paid for at the contract bid price for "Lump Sum – Roadway Construction"

1. BEDDING MATERIAL:

Bedding material for utility lines shall be installed in accordance with the applicable utility provisions herein, as shown on the utility construction plans, and/or as directed by the Engineer.

Bedding material shall meet the requirements of Article 1016-3 of the Standard Specifications. Bedding material shall be installed in accordance with Articles 300-6 and 300-7 of the Standard Specifications.

Payment for Bedding Material, Utilities Class IV will be included in the contract bid price for "Lump Sum – Roadway Construction"

Such prices and payments shall be full compensation for all materials, labor, equipment, compaction and shaping the bedding material in accordance with Article 300-4 of the Standard Specifications, and incidentals necessary.

PROJECT: B-3636  
COUNTY: Chowan

PROJECT SPECIAL PROVISIONS  
Utility

UTILITY CONFLICTS:

General:

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

- A. Dominion
- B. Mediacom
- C. Eastern NC Natural Gas

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.

The Contractor's attention is directed to Article 105.8 of the Standard Specifications.

Utilities Requiring Adjustment:

- A. Dominion
  1. Dominion will temporarily install a buried power line right of the bridge from Sta. 15+84 -L- to Sta. 20+00 -L-. New power poles will be installed the abandoned poles will be removed as shown on the plans. After the completion of the project, Dominion will install a new aerial power line Right of the bridge from Sta. 15+84 -L- to Sta. 20+00 -L- and abandon the under ground power line. See Utility Conflict Plans by others.
- B. Mediacom
  2. Mediacom will temporarily install a buried power line right of the bridge from Sta. 15+84 -L- to Sta. 20+00 -L- . After the completion of the project, Mediacom will join Dominion aerial and install a new CATV Cablies fromSta. 15+84 -L- to Sta. 20+00 -L- and abandon the under ground Cabiles. See Utility Conflict Plans by others.

C. Eastern NC Natural Gas .

3. Contractor shall contact Eastern NC Natural Gas at 1-800-483-5702 at least 48 hours in advance of any digging. See Utilities by Others Plans for relocation details.

Contractor shall use caution while constructing the culvert to avoid the existing 6" PVC gas pipe line located between sta. 10+50 -L- and sta. 11+00 -L-. The gas line is buried approximately four feet below the bottom of the existing culvert.