



Project: U-3313  
County: Guilford

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 July 2006, and the following provisions.

Owner and Owner's Requirements:

The existing utilities belong to the City of Greensboro. The Contractor shall provide access for the owner's representatives to all phases of construction. The owners shall be notified two weeks prior to commencement of any work and one week prior to service interruption.

The owners shall be notified in advance of any interruptions of water service with ample time to make arrangements. Interruption of water service on main lines shall be limited to a maximum of 4 hours unless approved by the Engineer.

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 unit prices of the various utility items included in the contract.

1. BREAK DOWN AND REBUILD EXISTING MANHOLE:

Manholes that will require rebuilding shall have the frame and cover removed, the manhole taper removed, and necessary manhole wall removed. Reconstruction shall include

rebuilding manhole wall, manhole taper, and replacing frame and cover. All work shall meet the approval of the Engineer.

Manhole construction shall also conform to the applicable requirements of Section 840 of the Standard Specifications.

Payment for removing and replacing manhole frame and cover, removing and rebuilding manhole taper and removing and rebuilding manhole wall will be based on a unit price for each manhole.

The quantity of sewer manholes rebuilt and accepted will be measured and paid for at the contract unit price each for "Break Down and Rebuild Existing Manhole". Such price and payments will be full compensation for all labor, materials, breaking down manhole, new manhole construction, manhole pargetting, steps, excavation, backfilling, and incidentals necessary to complete the work as required.

## 2. FOUNDATION CONDITIONING AND PIPE BEDDING:

Where the subgrade is found to be unstable or to include ashes, cinders, refuse, organic material or other unsuitable material, such material shall be removed to a minimum of 3", or to a depth ordered by the Engineer, and replaced with a foundation and bedding of crushed stone, suitably graded, and acting as an impervious mat into which the unsuitable soil or unsuitable material will not penetrate. The depth of crushed stone used for foundation and bedding shall depend upon the severity of the condition of the trench bottom soil or material. The amount of crushed stone to be used by the Contractor shall in all cases, be designated by the Engineer.

Pipe bedding shall be carefully placed so that the pipe after installation will be true to line and grade.

Surface grade bedding stone beneath the pipe to provide a uniform and continuous support beneath the pipe at all points between bell holes or pipe joints. Densify bedding stone beneath the pipe.

After each pipe has been brought to grade, aligned, and placed in final position, deposit and densify sufficient

bedding material under the pipe haunches and on each side of the pipe to hold the pipe in proper position during subsequent pipe joining, bedding, and backfilling operations. Deposit bedding material uniformly and simultaneously on each side of the pipe to prevent lateral displacement.

The quantity of foundation conditioning material, measured as provided in Subarticle 300-8(B) (2), will be paid for at the contract unit price per ton for "No. \_\_\_\_\_ Stone for Foundation Conditioning". Such price and payment will be full compensation for all work of foundation conditioning including all pipe undercut excavation, furnishing, placing, and compaction of foundation conditioning material, shaping the pipe foundation, and hauling and disposing of the undercut materials.

The quantity of bedding material, measured as provided in Subarticle 300-8(D) will be paid for at the contract unit price per ton for "No. \_\_\_\_\_ Stone for Pipe Bedding". Such prices and payments will be full compensation for all work of furnishing, placing, compaction, and shaping the bedding material in accordance with the preceding provisions.



**PROJECT: 34919.3.2 (U-3313)**  
**COUNTY: GUILFORD**

**PROJECT SPECIAL PROVISIONS**  
**UTILITY**

**GENERAL:**

**THE FOLLOWING UTILITY COMPANIES HAVE FACILITIES THAT WILL BE IN CONFLICT WITH THE CONSTRUCTION OF THIS PROJECT:**

- A. DUKE ENERGY CORP.**
- B. BELLSOUTH**
- C. TIME WARNER**
- D. PIEDMONT NATURAL GAS COMPANY**

**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.**

- A. DUKE ENERGY CORP.**
  - 1. SEE UTILITIES BY OTHERS PLANS FOR DETAILS.**
- B. BELLSOUTH**
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- C. TIME WARNER**
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