



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. Division 15 of the Standard Specifications is revised as follows:

Page 15-1, Paragraph 4

Provide access for Department personnel and the owner's representatives to all phases of construction. Notify Department personnel and the utility owner two weeks prior to commencement of any work and one week prior to service interruption. Keep utility owner's representatives informed of work progress and provide opportunity for inspection of construction and testing. *The water and sewer lines on this project belong to the City of Whiteville. The contact person for the City of Whiteville is Mr. Joshua Ray, and he can be reached by phone at 910.642.8046. Any work on these lines must be coordinated through the Engineer (or NCDOT designated representative) and the utility owner before beginning.*

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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 a SDR of 9 and a pressure rating of 200 PSI.

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.

DUCTILE IRON WATER PIPE WITH NEOPRENE GASKETS:

Ductile iron water pipe with neoprene gasket shall be installed in accordance with the applicable utility provisions herein, and as specifically shown on the utility plans, and/or as directed by the Engineer.

Ductile iron water pipe shall be of the thickness and pressure rating class, shown on the utility plans and shall conform to ANSI A21.51 (AWWA C151). Such pipe shall be either mechanical joint or push-on-joint and installed with rubber gaskets in accordance

with ANSI A21.11 (AWWA C111) (rubber gasket joints for cast iron pipe) or as designated by the Engineer.

All ductile iron water pipe shall be cement mortar lined with a seal coat in accordance with ANSI A21.4 (AWWA C104).

Water pipe gaskets shall be neoprene (CR) or nitrile rubber (NBR) in lieu of the standard rubber gasket – (vulcanized styrene butadiene rubber (SBR)).

All ductile iron water pipe shall be installed in accordance with laying condition Type 2 as stated in ANSI A21.51 (AWWA C151) unless otherwise shown on the plans.

Ductile iron water pipe installed in accordance with the plans and provisions herein and accepted, will be measured along the pipe from end to end, with no deductions for fittings or valves, and paid for at the contract unit price per linear foot for "___" DI Water Pipe, with Neoprene Gaskets". Such prices and payments will be full compensation for all materials, including pipe accessories, excavation, labor, anchoring pipe fittings, pressure testing, sterilization, backfilling, and incidentals necessary to complete the work as required.

RELOCATE ¾" WATER METER:

All existing ¾" water meters that are to be permanently relocated shall be relocated as shown on the utility construction plans or as directed by the Engineer.

Relocation of these water meters shall be as called for in the *Standard Specifications* except that the service line between the meter and the water main shall be made with copper tubing. Installation and construction methods shall be as described in Section 1515.

The quantity of ¾" water meters relocated and accepted will be measured and paid for at the contract unit price each for "Relocate ¾" Water Meters (Copper Tubing)". Such price and payment will be full compensation for all labor, excavation, removal and relocation of the assembly, backfilling, and incidentals necessary to complete the work as required.

RECONNECT ¾" WATER METER:

All existing ¾" water meters that are to be permanently reconnected shall be relocated as shown on the utility construction plans or as directed by the Engineer.

Reconnection of these water meters shall be as called for in the *Standard Specifications* except that the service line between the meter and the water main shall be made with copper tubing. Installation and construction methods shall be as described in Section 1515.

The quantity of $\frac{3}{4}$ " water meters reconnected and accepted will be measured and paid for at the contract unit price each for "Reconnect $\frac{3}{4}$ " Water Meters (Copper Tubing)". Such price and payment will be full compensation for all labor, excavation, removal and relocation of the assembly, backfilling, and incidentals necessary to complete the work as required.

REMOVE WATER METER:

Existing water meters that are to be removed shall be removed as shown on the utility construction plans or as directed by the Engineer.

The existing water meters to be removed are identified on the utility construction plans. These meters shall be removed and stockpiled by the Contractor. The Contractor shall contact the owner immediately upon removal of the water meter and arrange for the utility owner's forces to receive the water meters and remove them from the jobsite.

The quantity of water meters removed and stockpiled will be measured and paid for at the contract unit price each for "Remove Water Meter". Such price and payment will be full compensation for all labor, excavation, removal and relocation of the assembly, backfilling, and incidentals necessary to complete the work as required.

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) Progress Energy - Power Distribution
- B) Embarq - Telephone
- C) Time Warner Cable - Cable TV

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 owner. 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) Progress Energy
 - 1) Progress Energy will remove its existing lines and poles within the Project Limits and relocate its lines and poles to new overhead locations as shown on the Utility by Others Plans prior to April 1, 2009. Contractor shall allow Progress Energy access to the Project to complete their work.
 - 2) Contact person for Progress Energy is Mr. Herb Cappell at 843-616-0620 (cell).
- B) Embarq
 - 1) Embarq will abandon its existing lines and poles within the Project Limits and relocate its lines to new underground locations within the Project Limits as shown on the Utility by Others Plans prior to April 1, 2009. Contractor shall allow Embarq access to the Project to complete their work.

- 2) Contact person for Embarq is Mr. Josh Sturtz at 910-797-1695 (cell).
- C) Time Warner Cable
- 1) Time Warner Cable will abandon its existing lines within the Project Limits and relocate its overhead lines to the new Progress Energy poles at the locations shown on the Utility by Others Plans prior to April 15, 2009. Contractor shall allow Time Warner Cable access to the Project to complete their work.
 - 2) Contact person for Time Warner Cable is Mr. Ronald Willis at 910-367-1951 (cell).