

**PROJECT SPECIAL PROVISIONS**  
**Utility Construction**

**I. GENERAL CONSTRUCTION REQUIREMENTS**

***Specifications:***

The proposed utility construction shall meet the applicable requirements of the North Carolina Department of Transportation's "Standard Specifications for Roads and Structures" dated July 18, 2006 and the following provisions:

The waterline construction at the bridge shall occur in the following sequence:

- 1) Install a temporary connection to Parcel 3 and 4 outside the limits of the shut off valves shown on the plans.
- 2) Shut off the water on each side of the existing bridge using valves either installed or existing as shown on the plans.
- 3) Remove or abandon (as appropriate) the existing 6" AC waterline.
- 4) Install the 16" steel encasement pipe to the length shown on the plans attached to the proposed structure and construct the remainder of the new 6" DI waterline as shown in the plans by using the open-cut method.
- 5) After appropriate connections have been made to the existing 6" DI waterline and all service lines have been reconnected, perform pressure & leakage tests and sterilization of the waterline.
- 6) Place the new waterline into service after approval of all testing & flushing and authorization by the Engineer.

The Contractor is herein also forewarned as to the possibility of having to vary the depth of pipeline installation 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).

The Contractor shall locate all existing water and sewer services and relocate, connect, or reconnect as directed by the Engineer. New water and sewer services shall be installed as indicated on the plans and/or as directed by the Engineer.

Payment for the cutting and plugging of existing water lines to be abandoned shall be considered incidental to other pay items in the contract.

Pavement patching in existing roadway shall be according to NCDOT Standard Drawing Number 654.01

"Gate Valves" as noted on the plans shall be resilient-seat type valves conforming to ANSI/AWWA C509.

Owner and Owner's Requirements:

The existing utilities belong to the Town of Ansonville. The Contractor shall provide access for the owner's representatives during all phases of construction. The owners shall be notified two weeks prior to commencement of any work and one week prior to service interruption. Contact Walter Edwards with the Town of Ansonville at (704) 985-5274.

It shall be the Contractor's responsibility to notify customers affected by necessary shut downs of the existing water system at least 24 hours in advance.

All work involving pipe restraint for connecting new water mains to the existing water mains shall be coordinated with the Town of Ansonville water inspectors.

The Contractor shall notify the Town of Ansonville before conducting any work involving existing water mains, and the Contractor shall coordinate these activities with the Town of Ansonville water inspectors.

The Town of Ansonville water inspectors shall witness all tests performed on water facilities. All test results for water facilities shall be provided to the Town of Ansonville.

Connections made to the existing water system for the purpose of loading and testing new water mains shall also be large enough to provide adequate flushing velocity. Water mains 12 inches and larger will also require a hydrant (temporary if one is not designated) for the purpose of flushing the water main. This shall be considered incidental to other pay items in the contract.

The owners shall be notified in advance of any interruption of water service with ample time to make arrangements. Interruption of water service on main lines shall be limited to a maximum of four (4) hours or as approved by the Engineer.

Utility Locations Shown on the Plans:

The location, size, and type of 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 of material of the existing facilities necessary for the construction of the utilities and to avoid damage to existing utilities.

**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.

**PROJECT SPECIAL PROVISIONS**

**Utility By Others**

**UTILITIES BY OTHERS:**

General:

The following utility company has facilities that will be in conflict with the construction of this project.

A) Progress Energy

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 completed by the utility owner. All utilities shown on the plans are 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 – Power

- a. Progress Energy will relocate a single pole in the vicinity of the proposed structure and will move their existing lines prior to construction.
- b. Contact person for Progress Energy is Mr. Alan Dasen at (910) 690-3170.