

PROJECT SPECIAL PROVISIONS

Utilities by Others

General:

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

- A. Duke Energy (Power)
- B. Time Warner Cable (CATV)
- C. AT&T (Telephone)
- D. Piedmont Natural Gas (Gas)

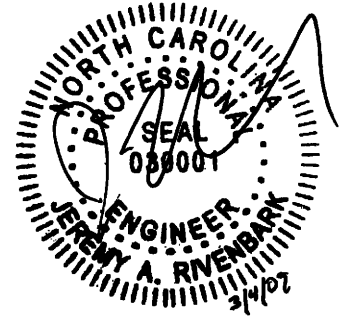
The conflicting facilities of these concerns will be adjusted prior to the date of availability, unless otherwise noted and are therefore listed in these special provisions for the benefit of the Contractor. All utility work listed herein will be done by the utility owners. All utilities are shown on 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. Duke Energy (Power)
 - 1. All Duke Energy work within the limits of this project will be completed by the date of availability. See "Utilities By Others" Plans for details.
- B. Time Warner Cable (CATV)
 - 1. All Time Warner Cable work within the limits of this project will be completed by the date of availability. See "Utilities By Others" Plans for details.
- C. AT&T (Telephone)
 - 1. All AT&T work within the limits of this project will be completed by June 1st, 2009.
See "Utilities By Others" Plans for details.
- D. Piedmont Natural Gas (Gas)
 - 1. The majority of Piedmont Natural Gas work within the limits of this project will be completed by the date of availability. The remaining Gas lines will be adjusted during the contract. Piedmont Natural Gas needs one week notification and one week to complete their work per incident of conflict.

PROJECT SPECIAL PROVISIONS
Utility Construction



Revise the 2006 Standard Specifications as follows:

Ductile Iron Pipe:

Page 10-78, Subarticle 1034-4(A) Gravity Flow Sewer Pipe, add the following:

All DIP force mains, sewer mains, interceptors and sewer service pipe and fittings shall be lined with an amine cured novalac ceramic epoxy containing at least 20% by volume of ceramic quartz pigment. The lining material shall have a permeability rating of zero when tested in accordance with Method A – ASTM E-96-66, Procedure A with a test duration of 30 days. The lining shall be applied by a competent firm with a successful history of applying linings to the interior of ductile iron pipe and fittings. After the surface preparation and within 8 hours of surface preparation, the interior of the pipe shall receive a minimum of 40 mils nominal DFT. No lining shall take place when the substrate or ambient temperature is below 40°F. The surface shall also be dry and dust free. The lining shall not be used on the face of flanges.

Due to the tolerances involved, the gasket area and spigot end up to 6-inches back from the end of the spigot end must be coated with 6 mils nominal, 10 mils maximum of PROTECTO Joint Compound. The Joint Compound shall be applied by brush to ensure coverage. Care should be taken that the Joint Compound is smooth without excess buildup in the gasket seat or on the spigot ends. Coating of the gasket seat and spigot ends shall be done after the application of the lining.

The number of coats of lining material applied and the touch-up and repair of the lining shall be as recommended by the manufacturer. The pipe manufacturer shall provide a certification attesting to the fact that the application meets or exceed the requirements of these Specifications.

Lining material shall be PROTECTO 401, or equal.

Measurement and Payment:

No direct payment will be made for utility construction work required by the preceding provisions, which are general requirements applying to the 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.