



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 and OWASA Standards and Specifications dated August, 2003 or latest revised version.

Revise the *2006 Standard Specifications* as follows:

**Utility Owners' Contact Information:**

**Page 15-1, Subarticle 1500-2 Cooperation with the Utility Owner**, paragraph 2, add the following sentences:

All water and sewer lines on this project belong to Orange Water and Sewer Authority (OWASA).

The Contractor shall provide access for the owner's representatives to all phases of construction and keep all manholes, valves and meters accessible during construction. A preconstruction meeting shall be held with OWASA, the Utility Contractor and D.O.T prior to any work beginning. The Contractor shall notify the owner two weeks before commencement of any work and three weeks before service interruption.

The contact person for Orange Water and Sewer Authority (OWASA) is Mr. Darren Berger, he can be contacted at 919-537-4240.

The contractor shall provide a set of as-built plans to OWASA after all the work shown on the Utility Construction Plans is completed.

All proposed water lines larger than 2" shall be ductile iron pipe. All proposed service lines to water meters shall be copper pipe, type k. Two inch and larger type k copper tubing shall be hard-drawn copper with silver soldered joints only. The hard-drawn copper joints shall be brazed using Silvalloy, Excel (15% silver), Sil-fos (15% silver), or approved equal solder comprised of 15% silver. Brazing temperatures shall be between 1300 and 1500 degrees Fahrenheit.

**Measurement and Payment:**

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  
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. AT&T (Telephone)
- C. TWC (Cable TV)
- D. PSNC (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. The majority of Duke Energy's work within the limits of the project will be completed by December 1, 2011. Duke Energy needs two (2) weeks notice and seven (7) days to relocate the following poles where significant fill is being placed before the power poles can be relocated.

- P-24 at STA. 28+15+/- -L- RT,
- P-27 at STA. 29+50+/- -L- RT,
- P-28 at STA. 30+82+/- -L- RT,

See "Utilities By Others Plans" for details.

Contact person: Don T. Daniels @ (919) 687-3136

B. AT&T (Telephone)

- 1. All AT&T's work within the limits of the project will be completed by February 28, 2012, except where Duke Energy's poles are being relocated between Station 22+00 and 30+82. Once Duke Energy places the power poles, AT&T will install the aerial telephone lines within seven (7) days allowed for Duke Energy.

See "Utilities By Others Plans" for details.

Contact person: Jim Brooks @ (336) 788-0150

C. TWC (Cable TV)

1. All TWC work within the limits of this project will be completed by February 28, 2012, except where Duke Energy's poles are being relocated between Station 22+00 and 30+82. Once Duke Energy places the power poles, TWC will install the aerial CATV lines within seven (7) days allowed for Duke Energy.

See "Utilities By Others Plans" for details.

Contact person: Bob Lillis @ (336) 573-7018

D. PSNC (GAS)

1. PSNC will adjust their Gas lines as needed within the limits of this project. PSNC needs one (1) week notification and two (2) days to complete their work per incident of conflict.

See "Utilities By Others Plans" for details.

Contact person: Frances Grimsley @ 919-367-2714 office  
919-819-9932 mobile