



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 force main sewer line on this project belongs to the Town of Spindale. The contact person for the Town of Spindale is Mr. David Arrowood and he can be reached by phone at (828) 286-2206. The water line on this project belongs to Broad River Water Authority. The contact person for Broad River Water Authority is Mr. Harvey Hodge and he can be reached by phone at (828) 286-0640. Any work on these lines must be coordinated through the Engineer and the utility owner before beginning.*

Page 15-9 Section 1515-2

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 an SDR of 9 and a pressure rating of 200 psi.

Interruptions in water service shall be limited to a maximum of 4 hours unless otherwise specifically approved by the Engineer.

All ductile iron pipe greater than 12" in diameter being installed as restrained joint pipe (noted on the plans as RJ, RJ-DI, or RJDI) shall be pressure class 350.

All pipe, valves and associated appurtenances shall meet the requirements of the applicable sections of the Standard Specifications.

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

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requirements stated will be considered incidental work, paid for at the contract unit prices of the various utility items included in the contract.

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PROJECT SPECIAL PROVISIONS

Utility

UTILITIES BY OTHERS:

General:

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

- A) Duke Energy - Transmission
- B) Duke Energy - Power Distribution
- C) PANGAEA - Fiber Optic Cable
- D) A T & T - Telephone
- E) Northland Cable - Cable TV
- F) Public Service of North Carolina
- G) Town of Forest City - Water

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) Duke Energy - Transmission

- 1) Duke Energy will remove their power transmission facilities prior to date of availability at the locations shown on the Utilities by Other Plans.
- 2) Contact person for Duke Energy transmission is Mr. Mike Montgomery 704-382-6468.

B) Duke Energy - Electric Distribution

- 1) Duke Energy will relocate its electric distribution lines and poles except as noted below within the project limits at the locations shown on the Utilities by Others Plans by date of availability.
- 2) Duke Energy to install temporary overhead lines near Station -L- 301+73 until completion of rough grading in this area. When Contractor is nearing completion

of rough grading, Contractor shall provide two (2) weeks notice as to when Duke Energy can install the permanent lines and allow Duke Energy one (1) week to complete the work.

- 3) When phase I bridge construction over Floyd's Creek is nearing completion, Contractor shall provide Duke Energy four (4) weeks notice as to when Duke Energy can begin relocation of the permanent poles and lines and allow Duke Energy three (3) weeks to complete the work.
- 4) When phase I culvert construction at Long Branch is nearing completion, Contractor shall provide Duke Energy four (4) weeks notice as to when Duke Energy can begin relocation of the permanent poles and lines and allow Duke Energy four (4) weeks to complete the work
- 5) Contact person for Duke Energy distribution is Mr. David Ratcliff at 864-439-5945.

C) PANGAEA - Fiber Optic Cable

- 1) PANGAEA will abandon its overhead facilities and relocate their facilities except as noted below to poles installed by others within the project limits at the locations shown on the Utilities by Others Plans by date of availability.
- 2) PANGAEA to install temporary overhead lines near Station -L- 301+73 until completion of rough grading in this area. When Contractor is nearing completion of rough grading, Contractor shall provide two (2) weeks notice as to when PANGAEA can install the permanent lines and allow PANGAEA one (1) week to complete the work.
- 3) When phase I bridge construction over Floyd's Creek is nearing completion, Contractor shall provide PANGAEA four (4) weeks notice as to when PANGAEA can begin relocation of the permanent lines and allow PANGAEA three (3) weeks to complete the work.
- 4) When phase I culvert construction at Long Branch is nearing completion, Contractor shall provide PANGAEA four (4) weeks notice as to when they can begin relocation of the permanent lines and allow PANGAEA four (4) weeks to complete the work.
- 5) Contact person for PANGAEA is Mr. Stu Davidson at 828-817-2919.

D) A T & T - Telephone and Fiber Optic Cable

- 1) A T & T will abandon its underground facilities and relocate their facilities except as noted below within the project limits at the locations shown on the Utilities by Others Plans by date of availability.
 - 2) A T & T to install a temporary pole and overhead lines near Station -L- 301+73 until completion of rough grading in this area. When Contractor is nearing completion of rough grading, Contractor shall provide two (2) weeks notice as to when A T & T can install the permanent pole and lines and allow A T & T one (1) week to complete the work.
 - 3) When phase I bridge construction over Floyd's Creek is nearing completion, Contractor shall provide A T & T four (4) weeks notice as to when A T & T can begin relocation of the permanent lines and allow A T & T three (3) weeks to complete the work.
 - 4) When phase I culvert construction at the Long Branch is nearing completion, Contractor shall provide A T & T four (4) weeks notice as to when A T & T can begin relocation of the permanent lines and allow Duke Energy four (4) weeks to complete the work
 - 5) Contact person for A T & T is Mr. Benny Rose at 704-861-6127.
- E) Northland Cable - Cable TV
- 1) Northland Cable will abandon its underground cables and relocate their facilities to overhead poles except as noted below within the project limits at the locations shown on the Utilities by Others Plans.
 - 2) Northland Cable to install temporary overhead lines near Station -L- 301+73 until completion of rough grading in this area. When Contractor is nearing completion of rough grading, Contractor shall provide two (2) weeks notice as to when Northland Cable can install the permanent lines and allow Northland Cable one (1) week to complete the work.
 - 3) When phase I bridge construction over Floyd's Creek is nearing completion, Contractor shall provide Northland Cable four (4) weeks notice as to when Northland Cable can begin relocation of the permanent lines and allow Northland Cable three (3) weeks to complete the work.
 - 4) When phase I culvert construction at Long Branch is nearing completion, Contractor shall provide Northland Cable four (4) weeks notice as to when Northland Cable can begin relocation of the permanent lines and allow Northland Cable four (4) weeks to complete the work.
 - 5) Contact person for Northland Cable is Mr. Ronnie Parker at 828-245-1633.

F) PSNC Energy - Natural Gas

- 1) PSNC Energy will abandon its existing facilities and relocate them to the locations within the project limits as shown on the Utility by Other Plans.
- 2) PSNC Energy will lower their main at the drainage ditch near Station -Y3- 13+70 left as necessary. Contractor shall provide two (2) days notice as to when the work is to be done and allow PSNC Energy five (5) days to complete their work.
- 3) Contractor to provide additional clearing and grubbing in the following areas to the R.O.W. line for the installation of permanent gas facilities. Contractor shall provide three (3) weeks notification to PSNC Energy when the clearing and grubbing is complete and allow PSNC Energy thirteen (13) weeks to complete their work.

Station -L- 333+00 to 335+00 right side
Station -L- 339+00 to 343+00 right side
Station -L- 347+50 to 354+00 right side
Station -L- 363+50 to 369+50 right side
Station -L- 402+50 to 405+75 right side
Station -L- 413+75 to 418+35 right side
Station -L- 419+60 to 428+00 right side
Station -L- 479+00 to 483+00 right side
Station -L- 526+30 to 528+00 right side
Station -L- 575+40 to 584+00 right side

- 4) Contact person for PSNC Energy is Mr. Kenneth Owenby at 828-670-3527.

G) Town of Forest City - Water

- 1) Town of Forest City will lower its 6" water line and relocate its facilities within the project limits as shown on the Utilities by Others Plans prior to date of availability.
- 2) Contact person for the Town of Forest City is Mr. Reid Hammett 828-248-5205.

Contractor to provide additional clearing and grubbing in the following areas to the R.O.W. line for the installation of temporary and permanent utility facilities. Contractor shall provide a four (4) week notice to all utility owners when this work will be completed. Contractor shall allow sixteen (16) weeks for the various utility owners to complete their work.

Station -L- 277+80 to 284+40 right side

Station -L- 326+55 to 328+00 right side
Station -L- 326+55 to 337+00 left side
Station -L- 418+35 to 419+60 right side
Station -L- 430+20 to 433+00 right side
Station -L- 492+80 to 497+40 right side
Station -L- 515+80 to 520+50 right side
Station -L- 531+30 to 543+80 right side

Contractor to rough grade to within one (1) foot of final grade from Station -L- 326+55 to Station -L- 337+00 left side for the installation permanent utility facilities. Contractor shall provide four (4) weeks notice to all utility owners when this work will be completed. Contractor shall allow three (3) weeks for the various utility owners to complete their work.

Note: Contractor shall allow utility companies access to the site to complete their various relocation work. Contractor shall provide notification to the various utility companies at the same time for all work outlined above.