



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 Hendersonville. The contact person for the City of Henderson is Mr. Dennis Frady, Assistant Utilities Director,, and he can be reached by phone at (828) 697-3073. 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.

Foundation conditioning shall be provided in accordance with Section 1505 of the Standard Specifications. Foundation-conditioning material for utility pipe installation shall be Select Material, Class VI in accordance with Section 1016.

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.

ADJUST WATER VALVE BOX:

Valve boxes shall be adjusted in accordance with the applicable utility provisions herein, as shown on the utility plans, and/or as directed by the Engineer.

Existing valve boxes to be raised shall be reinstalled flush with the ground or pavement. All valve boxes shall be extension sleeve type for the depth of cover required by the plans with a removable plug cap with the word "WATER" cast therein. Valve boxes shall be made of cast iron conforming to ASTM A48, Class 30 unless otherwise shown on the utility plans. All parts of the valve boxes, bases and covers shall be shop coated by dipping in asphalt varnish.

Extension stems shall be of solid steel and shall not be smaller in diameter than the valve stem. Extension stems shall be connected to the valve stem by means of a single universal joint with grease fitted protective boot. All stem connections shall be pinned.

Extension stems shall be provided for buried valves when the valve is 48 inches or more below finished grade. Each extension stem for a buried valve shall extend to within 6 inches of the ground surface, shall be provided with spacers which will center the stem in the valve box, and shall be equipped with a wrench nut.

Valve boxes adjusted in accordance with the plans and provisions herein and accepted, will be measured and paid for at the contract unit price per each "Adjust Water Valve Boxes". Such prices and payments will be full compensation for furnishing all labor, equipment, material, pipe, valve nut extension kits, excavation, backfilling, and incidentals necessary to complete the work as required

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 – Power (Distribution)
- B) Duke Energy – Power (Transmission)
- C) AT&T North Carolina - Telephone
- D) Media Communications - CATV

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 – Power (Distribution)
 - 1) See Utilities by Others Plans.
 - 2) Duke Energy will be complete with all relocations of their power distribution facilities by May 29, 2009.
 - 3) Contact Person – Bob Mabry (828-698-2055)
- B) Duke Energy – Power (Transmission)
 - 1) See Utilities by Others Plans.
 - 2) Contact Person – Mike Montgomey (704-382-2664)
- C) AT&T North Carolina – Telephone
 - 1) See Utilities by Others Plans.
 - 2) AT&T North Carolina will be complete with all relocations of their telephone facilities by June 26, 2009.
 - 3) Contact Person – Scott Addington (828-258-7138)

D) Media Communications - CATV

- 1) See Utilities by Others Plans.
- 2) Media Communications will adjust their buried CATV lines as necessary during the construction of the project. The Contractor shall give Media Communications two weeks notification of any conflicts with their facilities and allow them one week to make the necessary adjustments at each location.
- 3) Contact Person – Chris McCall (828-697-3600. ext.646)

NOTE: All other utilities will remain in place and will be adjusted as necessary.