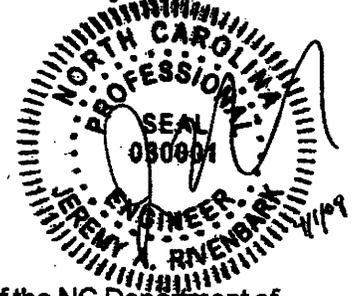


Project: U-3601
County Buncombe

PROJECT SPECIAL PROVISIONS
Utility Construction



I. GENERAL CONSTRUCTION REQUIREMENTS

Specifications:

The 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 the following provisions:

Owner and Owner's Requirements:

The existing water facilities are owned by the City of Asheville and the existing sewer facilities are owned by the Metropolitan Sewerage District of Buncombe County (MSD). 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 any service interruption.

For work involving the City of Asheville's facilities, the Contractor shall contact the owner at 828-259-5420.

For work involving MSD's facilities, the Contractor shall contact the owner at 828-255-0061.

The Engineer and water system 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 hours or as approved by the Engineer. Test results shall be provided to the respective owners of the water and sewer systems for any test involving their respective facilities.

II. COMPENSATION

No direct payment shall 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.

1. REMOVE 6-INCH WATER PIPE FROM BRIDGE

Existing 6-inch waterlines attached to the bridges for I-40 and I-26 shall be removed at the locations shown on the plans and/or as directed by the Engineer.

The Contractor shall remove in its entirety the pipeline, hangers, and other existing appurtenances to constitute a complete removal of the existing abandoned waterline. Care shall be taken not to damage any structural elements of the bridge nor its coating system. The pipelines shall be severed at the embankment/end-bent penetrations, filled with at least three (3) linear feet of concrete, and capped as close as practical to the penetration. The Contractor shall design and submit for approval appropriate traffic control plans to the Resident Engineer in well in advance of this work taking place. The contractor is directed to the project traffic control plans for information regarding lane closures. No work on this

removal shall commence until existing waterlines upstream and downstream have been properly abandoned, proposed waterlines are installed and accepted for service, and approved traffic control plans have been implemented. The contractor is advised to closely work with the Resident Engineer throughout this phase of construction.

The quantity of removals and accepted will be measured and paid for at the contract unit price per each for "Remove 6-Inch Water Pipe From Bridge". Such price and payment will be full compensation for all labor, equipment, excavation, installation, backfilling, traffic control measures, and incidentals necessary to complete the work as required.

2. BREAKDOWN AND REBUILD MANHOLE

Existing manholes shall be adjusted to accommodate proposed pavement, curb line shifts, and other structures as proposed on the plans.

Existing manholes where indicated shall have riser sections removed and rotated such that rings and covers are no longer in horizontal conflict with proposed construction and also in vertical conformance with proposed finished grades. Such rotations and adjustments are to utilize eccentric reducers on the manholes. If concentric reducers are present, forming the manhole "cone," then those reducers shall be replaced with properly rotated precast risers, eccentric cones, and corresponding rings and covers. When possible, existing materials shall be "reused" if not damaged during demolition/removal operations.

New manhole rings and covers shall be cast iron conforming to ASTM A48 Class 35 and shall be coated in conformance with ASTM A74. Such rings and covers shall be traffic bearing and shall conform to the weights and dimensions of NCDOT Roadway Standard Detail Drawings, except for those differences necessary for water tightness. New precast concrete manhole sections shall be in accordance with the project details and shall conform to the weights and dimensions of NCDOT Roadway Standard Detail Drawings.

Manhole rings and covers shall be sealed using a flexible plastic or rubber gasket which is permanently attached to the ring. Manhole rings shall be securely attached to the manhole and shall be sealed with butyl rubber or bituminous sealer.

Manholes adjusted in this manner, in accordance with the plans and provisions herein and accepted, will be measured and paid for at the contract unit price per each and at the contract unit price each for "Breakdown and Rebuild Manhole." Such prices and payments will be full compensation for all materials, excavation, demolition, equipment, labor, installation, backfilling, stone bedding, and incidentals necessary to complete the work required.

04/15/2008

County: Buncombe
Project: U-3601

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) PROGRESS ENERGY-POWER
- B) AT&T OF NORTH CAROLINA-TELEPHONE
- C) AT&T-LONG DISTANCETELEPHONE
- D) CHARTER COMMUNICATIONS-CATV
- E) PSNC ENERGY-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 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) Progress Energy
They will complete relocation of aerial power line by February 20, 2009.
Contact Robert Metcalf (828)-271-3596
See Utilities By Others Plans for details.
- B) AT&T of North Carolina
They will complete relocation of the telephone line by August 21st, 2009.
Contact Scott Addington (828)-258-7138
See Utilities By Others Plans for details.
- C) AT&T Long Distance
They will complete relocation of the telephone line by April 15, 2009
Danny Hemphill (706)-745-3105
See Utilities By Others Plans for details.

D) Charter Communication

They will complete relocation of the cable TV line by June 10, 2009.

Contact Barry Owens (828)-209-2290

See Utilities By Others Plans for details.

E) PSNC Energy

Will require 3 weeks notice for mobilization and 60 days to install the gas line after the rough grading is complete.

Kenneth Owen (828)-670-3527

See Utilities By Others Plans for details.