



PROJECT SPECIAL PROVISIONS
Utility Construction

Revise the *Standard Specifications for Roads and Structures*, January, 2012, as follows:

Page 15-1, Article 1500-2 Cooperation with the Utility Owner, paragraph 2, add the following paragraphs:

Water facilities are owned by the City of Concord. The contact person for the City is Ms. Sue Hyde, PE; she can be reached by phone at (704) 920-5401.

Prior to commencement of any water utility construction activity, contact the City of Concord Construction Manager, Mr. Phillip Kingsland, (704) 920-5425, to schedule and attend a Pre-Construction meeting with the owner's representatives. The contractor, the contractor's superintendent, and representatives of subcontractors involved in water utility work shall attend.

Notify the City of Concord Construction Manager at least 24 hours prior to beginning any water or sewer construction activity.

Maintain water and sewer service to existing customers during construction. Minimize the duration of any service disruption. Notify the City of Concord Construction Manager at least 48 hours in advance of any scheduled service disruption. Provide notice on a City approved form to City of Concord customers specifying the day and duration of any scheduled disruption, including appropriate City contact numbers.

Provide temporary potable water supplies to City of Concord customers when the duration of water service disruption exceeds 4 hours. This work is considered incidental to the water line. No additional payment will be made.

Page 15-3, Article 1500-7 Submittals and Records:

Add the following sentences:

Provide one set of sealed as-built drawings and 3 sets of complete and sealed record drawings to the owner in a 40':1" horizontal and 4':1" vertical scale on 24" by 36" paper and a complete digital copy of the record drawings in PDF and ACAD format on a CD, in accordance with the requirements established by the City of Concord Code of Ordinances, Chapter 62-Article 3. The Chapter 62, Article 3 Code of Ordinance can be obtained from the City at <http://www.ci.concord.nc.us/Government/CityOrdinances/tabid/207/Default.aspx>.

Materials:

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Provide materials for the proposed water and sewer utilities construction meeting the applicable requirements (i.e. material specifications, standard details, testing, policies, etc.) of the Water and Sewer Authority of Cabarrus County (WSACC) Standard Specifications, dated August, 2006, applicable current City of Concord standard details as of Date of Advertisement, and the WSACC Standard Details, dated August, 2006. City of Concord details can be obtained from the City at <http://www.ci.concord.nc.us/Departments/Engineering/FormsDownloads/tabid/333/Default.aspx>. WSACC Standard Specifications and Details can be obtained from WSACC at http://www.wsacc.org/index.asp?Type=B_BASIC&SEC={56903D54-AD5E-4041-B06D-23D5BDC4DED4}.

Measurement and payment for work will be in accordance with the *Standard Specifications*.

REBED 42" SEWER PIPE:

Rebed the sewer pipe by excavating 1' around and 1' below the pipe in alternating 4' sections in alternating pours. All pours shall set up overnight before excavating adjacent soil.

The reembedment shall extend 5' beyond the proposed fill line.

Use flowable fill as the bedding material.

Measurement and Payment:

Work will be measured and paid for per linear foot. Such payment will be full compensation for all work covered by this provision, including flowable fill, excavation, backfill, and all other material incidental to performing the work.

Payment will be made under:

Pay Item	Pay Unit
Rebed 42" Sewer Pipe	LF

PROJECT SPECIAL PROVISIONS

Utility

January 4, 2012

UTILITIES BY OTHERS:

General:

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

- A) City of Concord- Distribution power
- B) Windstream Communications- Telephone
- C) PSNC- Gas
- D) Time Warner- Cable TV

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 2012 Standard Specifications.

Utilities Requiring Adjustment:

- A) City of Concord- Distribution power
 - 1) The City will remove all aerial power lines and poles along Cabarrus Avenue as part of the City's beautification program. An underground power line will be placed from approximately -L- Sta. 10+86 to the pole near -L- 17+20 Lt. This underground power line will be beneath the proposed sidewalk to the end of the proposed guardrail. Power services will also be buried to areas where future street lights will be installed. The underground power will cross Cabarrus Avenue by bore (both locations). The City will need 2 week's notice and 4 weeks to complete this work once the grading along Cabarrus Avenue is completed.
 - 2) Existing utility poles along Powder Street will be relocated to an AUE from -Y2- 14+00 to -Y2- 16+30 Lt. Cable TV and telephone are joint-use attached to these poles. This section will be relocated by May 1, 2012.
 - 3) Underground power service will be placed in the PUE from -L- 19+57 to -L- 23+20 Lt. to serve the remaining duplex at the bridge. The City will coordinate relocations with Windstream and Time Warner Cable, completing by July 1, 2012.
 - 4) Underground power service for future street lights will be placed from -L- 19+80 to 23+00 Lt., crossing Cabarrus Avenue twice by bore. The City will need 2 week's notice and 4 weeks to complete this work once traffic has been shifted to the proposed alignment.
 - 5) Contact person for the City of Concord is Mr. Alex Burriss at 704-920-5335.

B) Windstream Communications- Telephone

- 1) Windstream will remove all aerial telephone facilities and poles along Cabarrus Avenue. Aerial telephone on Powder Street will be relocated to new utility poles placed in the AUE from -Y2- 14+00 to -Y2- 16+30 Lt. This section will be relocated by May 1, 2012.
- 2) Underground telephone will be buried along Transport Place and in the PUE from -L- 19+57 to -L- 23+20 Lt. to serve the remaining duplex at the bridge. There is an existing six-way concrete duct bank along Scott Street and Cabarrus Avenue that is not in conflict and will remain as is. MCI also has a fiber optic cable in this duct bank. Windstream will coordinate their relocations with the City and Time Warner Cable, completing by September 1, 2012.
- 3) Contact person for Windstream is Mr. Jim Foley at 704-722-2822.

C) PSNC- Gas

- 1) PSNC will install a 4" plastic gas main under the proposed sidewalk from -Y2- Sta. 10+30 to 12+96 Rt. A section of 4" plastic will also be installed under the proposed sidewalk from -L- Sta. 22+57 to 24+00 Rt. The existing 4" gas in this area will be retired. The 3" steel gas main on Scott Street has been retired. The roadway plans show two gas lines along Cabarrus Avenue, but PSNC confirmed there is only one gas line. PSNC will complete this relocation by May 15, 2012.
- 2) Contact person for PSNC is Mr. Michael Coleman at 704-810-3210.

D) Time Warner Cable- Cable TV

- 1) Time Warner will remove all aerial cable TV along Cabarrus Avenue and relocate to existing utility poles along Corban Avenue and new utility poles along Powder Street. This section will be relocated by May 1, 2012.
- 2) Underground cable TV will be placed in the PUE from -L- 19+57 to -L- 23+20 Lt. to serve the duplex at the bridge. Time Warner will coordinate their relocation work with the City of Concord and Windstream, completing by September 1, 2012.
- 3) Contact person for Time Warner is Mr. Matthew Wintermute at 704-378-2698.