



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 City of Newton. The contact person for the City of Newton is Mr. Marty Wilson and he can be reached by phone at 828.465.7460. Any work on these lines must be coordinated through the Engineer and the utility owner before beginning.*

The bridge end bent 1 shown on the structure plans @ Station 17+87.50 is being constructed using sheet piling and a concrete cap. An 18" diameter PVC sanitary sewer line runs parallel to the end bent as shown on the attached utility sketch (a part of these provisions). The invert on this pipe has been determined to be at approximate elevation 904.47. The sheet piling being driven around the end bent will be driven to approximate elevation 901.00. Therefore, in order to allow the pipe to remain in place the Contractor must locate the pipe, verify the elevation at the reference location and drive the sheet piling no deeper than two feet above the top of the sewer line, or approximate elevation 908.00. The Contractor shall exercise extreme caution when working around this sanitary sewer line so that the line is never contacted by the sheet piling.

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.

FOUNDATION CONDITIONING MATERIAL:

Foundation conditioning material for utility lines shall be installed in accordance with the applicable utility provisions herein, as shown on the utility construction plans, and/or as directed by the Engineer.

Foundation conditioning material shall meet the requirements of Section 1016 of the Standard Specifications, and the classifications shall be Type VI in accordance with Article 1016-3. Foundation conditioning material shall be installed in accordance with Articles 300-4 and 300-7 of the Standard Specifications.

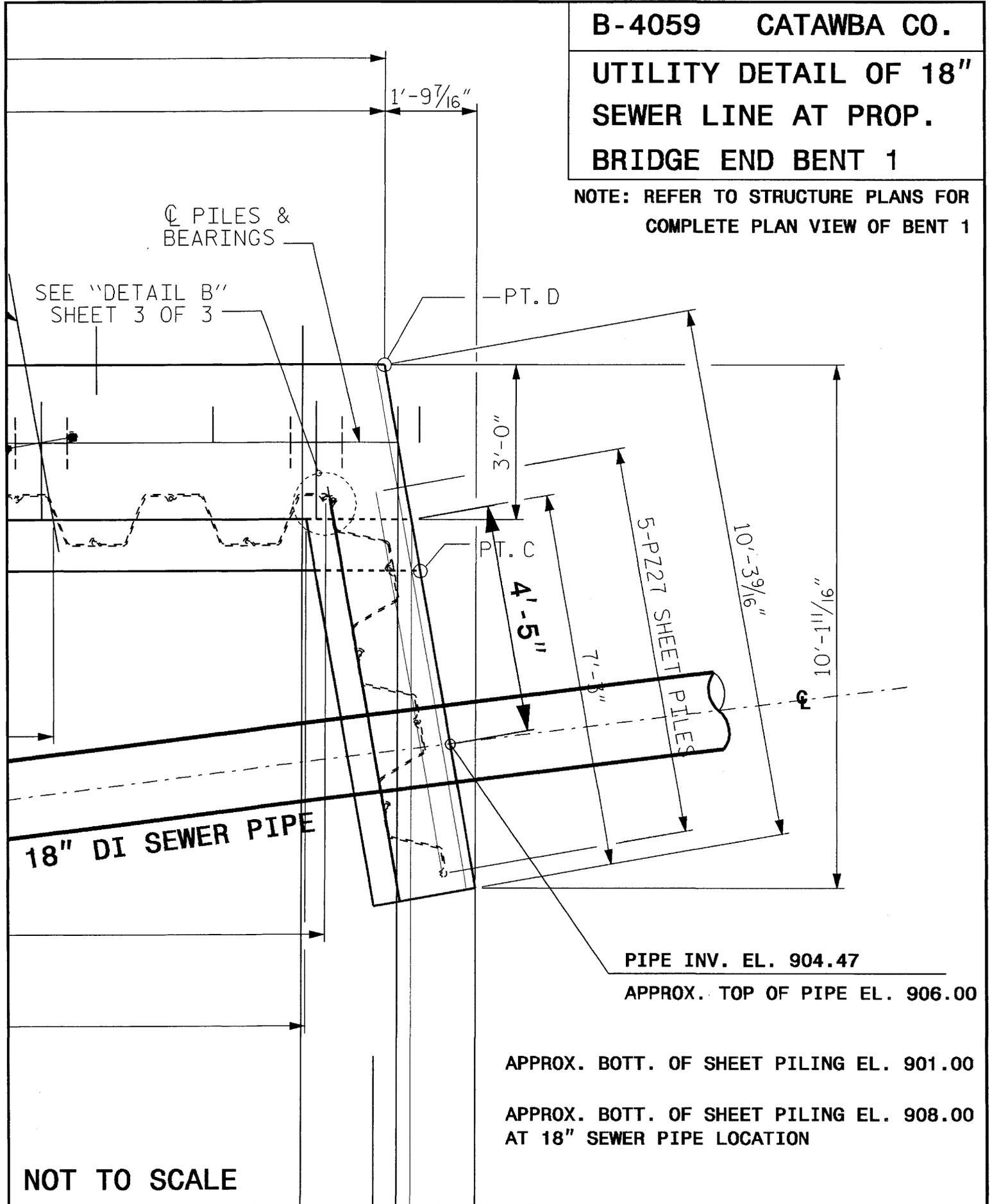
No direct payment will be paid for undercut excavation for utility installation. Payment at the contract unit price for "Foundation Conditioning Material" will be full compensation for all work of pipe undercut excavation.

Foundation conditioning material installed in accordance with the plans and provisions herein and accepted will be measured and paid for at the contract unit price per ton for "Foundation Conditioning Material". Such prices and payments shall be full compensation for all materials, labor, equipment, compaction and installing the foundation conditioning material in accordance with the Standard Specifications, and incidentals necessary to complete the work as required.

B-4059 CATAWBA CO.

UTILITY DETAIL OF 18" SEWER LINE AT PROP. BRIDGE END BENT 1

NOTE: REFER TO STRUCTURE PLANS FOR COMPLETE PLAN VIEW OF BENT 1



☐ PILES & BEARINGS

SEE "DETAIL B" SHEET 3 OF 3

PT. D

3'-0"

PT. C

4'-5"

7'-3"

5-PZ27 SHEET PILES

10'-3⁹/₁₆"

10'-11⁹/₁₆"

18" DI SEWER PIPE

PIPE INV. EL. 904.47

APPROX. TOP OF PIPE EL. 906.00

APPROX. BOTT. OF SHEET PILING EL. 901.00

APPROX. BOTT. OF SHEET PILING EL. 908.00 AT 18" SEWER PIPE LOCATION

NOT TO SCALE

County: Catawba
Project: B-4059

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) City of Newton – Power (Distribution)
- B) Duke Energy – Power (Distribution)
- C) AT&T Southeast – Telephone
- D) Charter Cable – CATV
- E) Piedmont Natural 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) City of Newton - Power (Distribution)

- 1) See Utilities by Others Plans.

B) Duke Energy – Power (Distribution)

- 1) See Utilities by Others Plans.

C) AT&T Southeast – Telephone

- 1) See Utilities by Others Plans.
- 2) AT&T Southeast will relocate their Aerial telephone in joint use with Duke Energy and the City of Newton Power pole lines.

D) Charter Cable - CATV

- 1) See Utilities by Others Plans.

- 2) Charter Cable will relocate their Aerial CATV in joint use with Duke Energy and the City of Newton Power pole lines.

E) Piedmont Natural Gas

- 1) See Utilities by Others Plans.
- 2) Piedmont Natural Gas will directional bore a new buried gas line beneath the creek as shown on the Utilities by Others Plans.

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