

NOTES

1. CONSTRUCT NEW LINE.
2. PRESSURE TEST.
3. BACTERIOLOGICAL TEST.
4. TIE NEW LINE TO EXISTING LINE.
5. DEWATER EXISTING WATER LINE AND DECHLORINATE. DEWATER EXISTING FORCE SEWER LINE AND DISPOSE OF AT TREATMENT FACILITY.

THE ABOVE PROCESS IS INCIDENTAL TO THE NEW 400mm WATER PIPE AND THE NEW 200mm FORCE SEWER PIPE.

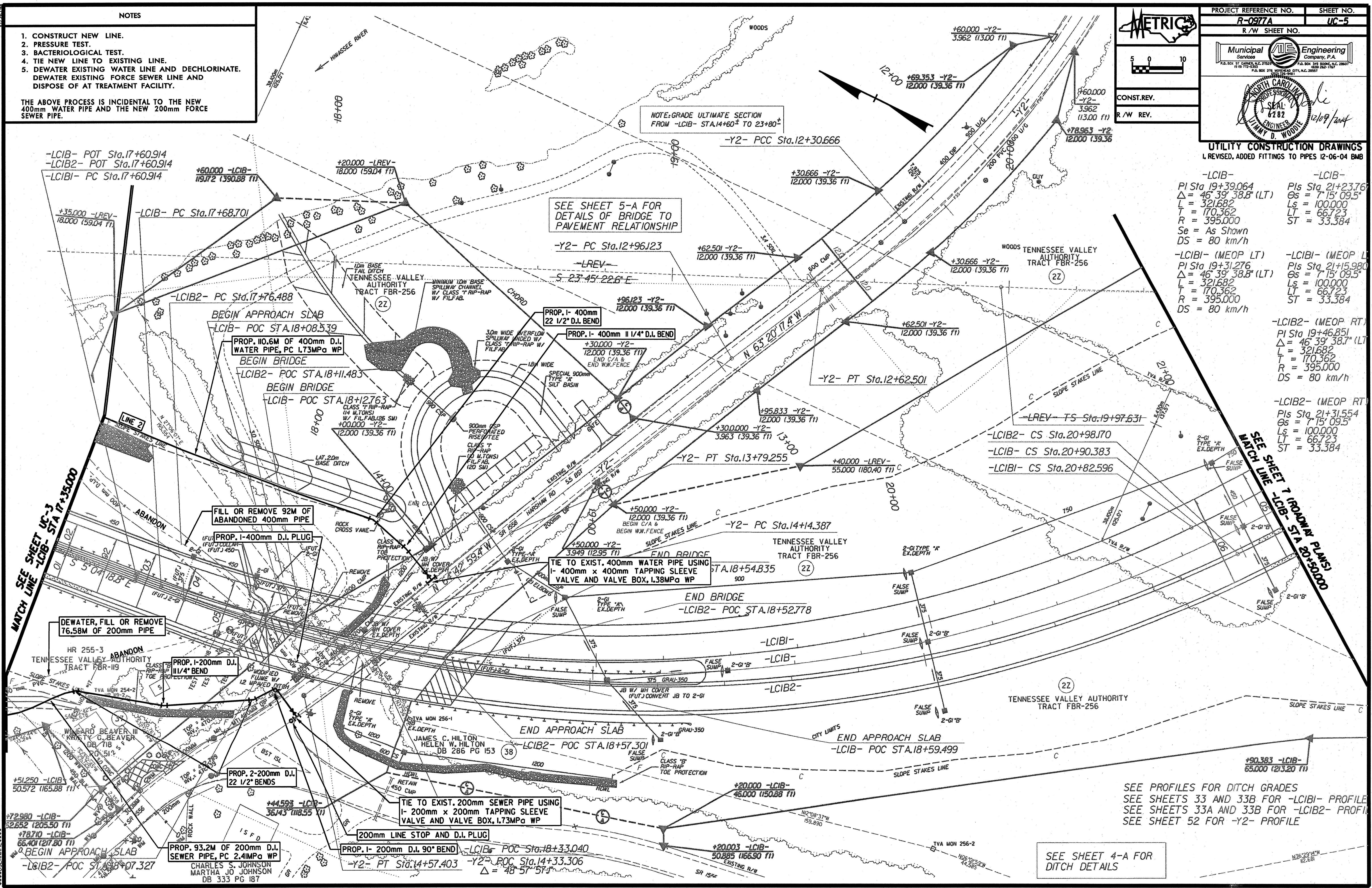
PROJECT REFERENCE NO. **R-0977A** SHEET NO. **UC-5**
 R/W SHEET NO.

Municipal Engineering Services
 Engineering Company, P.A.
 P.O. BOX 317, COLUMBUS, N.C. 27802
 P.O. BOX 318, BOONE, N.C. 28601
 P.O. BOX 276, MORRISTOWN, N.C. 27560

SEAL: **6782**
WIMMY D. WOODIE
 ENGINEER

CONST. REV.
 R/W REV.

UTILITY CONSTRUCTION DRAWINGS
 L. REVISED, ADDED FITTINGS TO PIPES 12-06-04 BMB



NOTE: GRADE ULTIMATE SECTION FROM -LCIB- STA.14+60 TO 23+80

SEE SHEET 5-A FOR DETAILS OF BRIDGE TO PAVEMENT RELATIONSHIP

-LCIB-
 PI Sta 19+39.064
 $\Delta = 46^{\circ} 39' 38.8''$ (LT)
 L = 321.682
 T = 170.362
 R = 395.000
 Se = As Shown
 DS = 80 km/h

-LCIB-
 PIs Sta 21+23.76
 $\Delta = 7^{\circ} 15' 09.5''$
 Ls = 100.000
 LT = 66.723
 ST = 33.384

-LCIB- (MEOP LT)
 PI Sta 19+31.276
 $\Delta = 46^{\circ} 39' 38.8''$ (LT)
 L = 321.682
 T = 170.362
 R = 395.000
 DS = 80 km/h

-LCIB- (MEOP RT)
 PI Sta 19+46.851
 $\Delta = 46^{\circ} 39' 38.7''$ (LT)
 L = 321.682
 T = 170.362
 R = 395.000
 DS = 80 km/h

-LCIB- (MEOP RT)
 PIs Sta 21+31.554
 $\Delta = 7^{\circ} 15' 09.5''$
 Ls = 100.000
 LT = 66.723
 ST = 33.384

SEE PROFILES FOR DITCH GRADES
 SEE SHEETS 33 AND 33B FOR -LCIB1- PROFILE
 SEE SHEETS 33A AND 33B FOR -LCIB2- PROFILE
 SEE SHEET 52 FOR -Y2- PROFILE

SEE SHEET 4-A FOR DITCH DETAILS

SEE SHEET UC-3
 -LCIB- STA 17+35000

SEE SHEET 7 (ROADWAY PLANS)
 -LCIB- STA 20+5000

72980 -LCIB-
 52.652 (1205.50 ft)
 78710 -LCIB-
 66.401 (127.80 ft)
 BEGIN APPROACH SLAB
 -LCIB2- POC STA.18+07.327

90.383 -LCIB-
 65.000 (123.20 ft)

PROP. 93.2M OF 200mm D.I. SEWER PIPE, PC 2.4MPa WP
 CHARLES S. JOHNSON
 MARTHA JO JOHNSON
 DB 333 PG 187

PROP. 1- 200mm D.I. 90° BEND
 -Y2- PT Sta.14+57.403
 -LCIB- POC Sta.18+33.040
 -Y2- POC Sta.14+33.306
 $\Delta = 48^{\circ} 57' 57''$

20003 -LCIB-
 50.885 (116.90 ft)
 EXISTING R/W