8/17/99

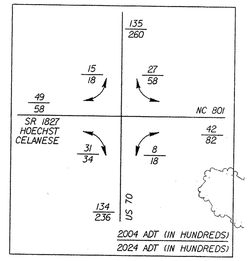
REVISIONS

| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| R-2911D | 7 |
| R/W SHEET NO. | |

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 22002 ENGINEER DAVID W. BASS — 10/15/04

HYDRAULICS ENGINEER — SOUTH CAROLINA PROFESSIONAL SEAL 29185 ENGINEER RICHARD L. HINER — 10/15/04

PBSJ POST, BUCKLEY, SCHUH & JERNIGAN, INC.
1616 EAST MILLBROOK ROAD, SUITE 310
RALEIGH, NORTH CAROLINA 27609




## Match Line Sheet 6 –L– Sta. 241+00.00

-Y2rev-
PI Sta 14+54.40
Δ = 52° 28' 58.0" (RT)
D = 16° 22' 12.8"
L = 320.60'
T = 172.54'
R = 350.00'
SE = 0.08
DS = 35 MPH

-Y3rev-
PI Sta 12+39.37
Δ = 26° 28' 38.3" (LT)
D = 6° 44' 26.4"
L = 392.80'
T = 199.97'
R = 850.00'
SE = 0.02
DS = 20 MPH

-Y1rev-
PI Sta 12+21.94
Δ = 35° 32' 22.1" (LT)
D = 16° 22' 12.8"
L = 217.10'
T = 112.17'
R = 350.00'
SE = 0.06
DS = 20 MPH

-Y2rev- POT Sta.18+33.43
-Y2rev- +30.82 32.467
END RESURFACING AT BRIDGE
-Y2rev- POT Sta.17+50.00
END GRADE
BEGIN RESURFACING
-Y3rev- PT Sta.14+32.20 = -Y2rev- POT Sta. 17+83.14
-Y2rev- +62.77 56.646
-Y2rev- +10.82 136.907
-Y2rev- PT Sta.16+02.47
-Y2rev- 10+00.00 = -Y1rev- 17+13.56 = -L- 246+25.49
-Y2rev- +07.42 107.846
-Y2rev- +45.20 65.125
-Y2rev- PC Sta.12+81.87
-Y2rev- +43.73 125.502
END FENCE
-Y3rev- +60.80 64.141
-Y3rev- +96.00 42.745
-Y3rev- POC Sta.11+00.00
END RESURFACING
-Y3rev- PC Sta.10+39.40
-Y3rev- +03.52 28.648
-Y3rev- POT Sta.10+00.00
-Y2rev- +28.01 65.676
-Y3rev- +10.75 17.239
BY2- Sta.11+24.90 -Y2- Sta.16+35.73 37.08 LT
-Y2rev- +9.17 123.440
BEGIN FENCE
STD. BERM DITCH
ABANDON EXISTING RIGHT OF WAY UPON PROJECT COMPLETION
-Y2rev- +00.00 128.000
-Y2rev- +80.00 154.000
-Y1rev- +31.75 151.872
-Y1rev- +80.54 127.673
-Y1rev- +80.03 56.090
-Y1rev- +80.95 117.882
-L- +69.40 105.000 END FENCE
-Y1rev- +78.56 65.000 BEGIN FENCE
-Y1rev- +08.56 95.000
-L- +65.00 105.00
-L- +85.00 105.000 180.000
-L- +60.00 230.00
-L- +50.00 200.00 105.00
-Y1rev- S 15° 43' 24.4" E
-Y1rev- PT Sta.13+26.87
-Y1rev- +26.81 65.000
-Y1rev- POT Sta.11+00.00
END CONSTRUCTION
-Y1rev- +00.00 65.161
-Y1rev- +00.00 50.064
-Y1rev- POT Sta.10+00.00
-Y1rev- PC Sta.11+09.77
-BY1- 49 Sta.17+76.57 -Y1- Sta.12+12.18 19.60 RT
-Y1rev- +60.20
-Y1rev- +25.00
-Y1rev- +00.00 50.000

BM #F 186
-BL- STA 240+12.25
714.23 RIGHT
ELEV. 721.05

-BL- Sta.240+12.25
-BY1- Sta.21+64.07
-BY2- Sta.5+00.00
-L- Sta.243+04.57
9.41 RT

TH 40 +62.0 70.9' EL. 723.68' 4¾" GAS
TH 41 +60.2 8.8' EL. 722.81 ¾" F.O. CABLE
TH 39 +28.4 135.2 EL. 717.45' 16¾" x 13" WATER "TEE" ADDITIONAL ELEVATIONS ON CERTIFICATION FORM

+24.87 100.000 PROPOSED FENCE
SPECIAL DITCH SEE DETAIL B PROFILE & X-SECT
INSTALL PROPOSED 55BW FENCE 24' BEHIND C/A FENCE
TIE TO EXISTING DITCH
SPECIAL DITCH SEE DETAIL C PROFILE & X-SECT
TIE TO EXISTING DITCH
REMOVE
PLUG
RETAIN
REMOVE DI
COLLAR & EXTEND 18"
CLASS B RIPRAP 3 TONS
CLASS B RIPRAP 2 TONS, 7 SY F.F.
3.0ft BASE EM. SPILLWAY
TYPE "A" SILT BASIN (SEE SHEET 2-H)
18" T-RISER
18" CSP
18" CSP W/ ELBOW
FS
FES
JB W/ MH
BOOSTER STATION
METER
MTL S
CHLORINE BUILDING
CONC ISL
TERM
RENOVE
TDE
CLASS B RIPRAP 3 TONS
24' DRIVE (ASPHALT)

TYPE "A" SILT BASIN @ 248+00 LT
(SEE SHEET 2G FOR DETAIL)
MIN. STORAGE BELOW TOP OF RISER = 7,992 CF
MIN. SURFACE AREA AT TOP OF RISER = 2,485 SF
INV. EL. OF 18" OUTLET PIPE = 693.00'
EL. AT TOP OF 18" RISER = 697.50'
EL. OF OVERFLOW SPILLWAY = 698.50'
TOP OF DIKE EL. = 700.00'

ARTEVA SPECIALITIES S.A.R.L.
THOMAS H. SATTERWHITE
CITY OF SALISBURY
ARTEVA SPECIALITIES S.A.R.L.
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DETAIL A
FALSE SUMP (Not to Scale)
Median Ditch
S=Ditch Slope
℄ Proposed Ditch
-L- Sta. 248+10 MED.
-L- Sta. 247+40 RT.

DETAIL B
SPECIAL CUT DITCH (Not to Scale)
Natural Ground
Front Ditch Slope
Min. D = 1.5 Ft.
-L- Sta. 240+50 to 243+00 LT.

DETAIL C
SPECIAL LATERAL 'V' DITCH (Not to Scale)
Natural Ground
Fill Slope
Filter Fabric
Type of Liner = Class B Rip Rap
Min. D = 1.5 Ft.
-Y2rev- 12+50 to 16+00 RT.
-Y2rev- 12+82 to 15+00 LT.

Match Line Sheet 8

## Match Line Sheet 8 –L– Sta. 250+00.00

250

★ PROPOSED SIGNAL

Note: See Sheet 20 for –L– line profile
See Sheet 31 for –Y1rev– line profile
See Sheet 31 for –Y2rev– line profile
See Sheet 31 for –Y3rev– line profile
See Sheet 2–F for Y1 & Y2 intersection detail

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