PROJECT REFERENCE NO.	SHEET NO.
R-2911D	9
RW SHEET NO.	

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 20007 ENGINEER DAVID W. BASS — 10/5/04

HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 18462 ENGINEER JAMES E. HOLLIS — 10/6/04

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

8/17/99

REVISIONS

-Y9- POT Sta.10+00.00

-Y9-	
PI Sta 15+96.87	PI Sta 18+87.21
Δ = 0° 56' 35.3" (RT)	Δ = 70° 39' 37.6" (RT)
D = 1° 00' 00.0"	D = 35° 00' 00.0"
L = 94.31'	L = 201.89'
T = 47.16'	T = 116.04'
R = 5,729.58'	R = 163.70'
SE = NC	SE = 0.03
DS = 40 MPH	DS = <20 MPH

-Y9- PC Sta.15+49.71

-Y9- PT Sta.16+44.03

-Y9- PC Sta.17+71.17

-Y9- PT Sta.19+73.06 =
-L- POC Sta.272+72.808

-Y9- Sta.14+83.72
BEGIN CONSTRUCTION

BEGIN EXP.GUTTER
-Y9- 100.00

-Y9- +78.68
EX R/W

-Y9- +49.71
45.00

-Y9- +30.98
30.00
END FENCE

-Y9- +71.35
77.28
BEGIN FENCE

-Y9- +14.00
52.35

END EXP.GUTTER
-Y9- +43.64

-Y9- +39.63
EX R/W

-Y9-
S 68°58'07.7"E

+13.30
115.00

-BL- 25 Sta.268+45.84
-L- Sta.271+13.02
90.66 LT

CLASS B RIPRAP
3 TONS

CLASS I RIPRAP
10 TONS,
23 SY F.F.

CLASS I RIPRAP
14 TONS, 30 SY F.F.

CLASS B
RIPRAP
2 TONS,
7 SY F.F.

TOE
PROTECTION
SEE DETAIL G
57 TNS RIP RAP
89 SY F.F.

END
FENCE
+90.00
115.00

+64.08
115.00

+60.45
106.19

BEG
FENCE
+50.00
115.00

ACCESS POINT

END
FENCE
+50.00
100.00

BEG
FENCE
+111.62
100.00

END
FENCE
+88.59
100.00

BEG
FENCE
+51.21
100.00

END
FENCE
+207.0
102.92

BEG
FENCE
+46.37
118.24

PROPOSED FENCE

+00.00
100.00

+00.00
124.00

+00.00
100.00

+00.00
85.67
66.49

+57.88
66.51

+66.81
71.20

+75.00
121.75

+50.00
178.00

+25.00
150.00

+00.00
220.00

+80.00
130.00

+60.00
200.00

COLLAR & EXTEND 18"

COLLAR

COLLAR &
EXTEND 24"

DOUBLE 24" PIPE
CONC. ENDWALL
+13.48
100.00

SPECIAL DITCH
SEE DETAIL B,
PROFILE &
X-SECT

4.0' BASE DITCH
SEE DETAIL GI
DDE = 29 CY

BORE & JACK
24" PIPE

2 GI

2 GI TYPE D

9' DRIVE (CONC.)

8' DRIVE (ABC)

10' DRIVE (CONC.)

10' DRIVE (ABC)

RETAIN

REMOVE

PRIVATE WATER TANK,
NO POWER INFORMATION
OR UTILITY RECORDS
AVAILABLE

MTL WATER TANK

MTL S

NO ASSOCIATED PIPING FOUND
FOR (1) 8" D.I. & (2) 16" D.I. PIPES
CAPPED AT FLOOR.

NOTE:
NON-TYPICAL SIDE SLOPES
USED FROM STA 269+50 TO 272+00
(DO NOT DISTURB FENCE)

330' RIGHT FULL LANE

330' FULL LANE

330' FULL LANE
(MEDIAN)

200' TAPER

US 70 STATESVILLE BLVD
28' BST

-L-

-L- Sta. 263+00.00

-L- Sta. 276+00.00

Match Line Sheet 8 -L-

Match Line Sheet 10 -L-

15 ZELDA R. WRIGHTS

16 DAVID B. McSWAIN

17 WILLIAM G. GRAHAM

18 EUBERT T. CORRELL JR.
SAMUEL E. CORRELL

18A ENTERGY POWER DESOTO
COUNTY VENTURES, INC.

19 DOROTHY D. LYERLY
HEIRS

20 MARY HELEN DOUGLAS

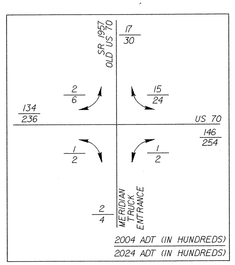
21 PAULINE B. BASINGER

22 MERI, LLC

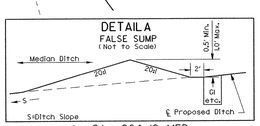
23 MR. & MRS. A.L. POWLAS HEIRS

NC GRID
NAD 83

-L-
PI Sta 268+02.05
Δ = 29° 37' 23.7" (RT)
D = 1° 30' 28.0"
L = 1,964.69
T = 1,004.83'
R = 3,800.00'
SE 0.05
DS = 65 MPH

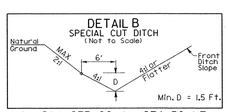


DETAIL A
FALSE SUMP
(Not to Scale)



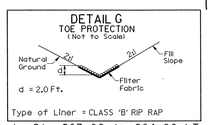
-L- Sta. 264+10 MED.
-L- Sta. 266+40 MED.

DETAIL B
SPECIAL CUT DITCH
(Not to Scale)



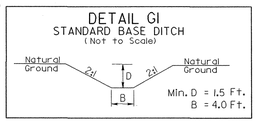
-L- Sta. 273+00 to 274+50 LT.

DETAIL G
TOE PROTECTION
(Not to Scale)



-L- Sta. 263+00 to 264+00 LT.

DETAIL GI
STANDARD BASE DITCH
(Not to Scale)



-L- Sta. 274+50 RT.

Note: See Sheet 22 for –L– line profile
See Sheet 32 for –Y9– line profile
See Sheet 2–E for driveway details
See Sheet 2–F for Y9 intersection detail

05-OCT-2004 12:41
R:\Roadway\Proj\r-2911d_rdy_s09_psh.dgn