8/17/99

REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
R-2552AB	10
R /W SHEET NO.	

ROADWAY DESIGN ENGINEER: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 24012 — KEVIN E. MOORE — 3-16-05

HYDRAULICS ENGINEER: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 18533 — T. NOTTINGHAM — 3/16/05

CONST.REV.

R /W REV.

NOTE: SEE SHEETS 20 & 21 FOR -L- PROFILE
SEE SHEET 29 FOR -RP-B PROFILE
SEE SHEET 30 FOR -RP-C PROFILE
SEE SHEET 2-D FOR DRAINAGE DETAILS

NAD 83

-RP-B
PIs = 10+42.681
Θs = 4° 38' 30.1" (LT)
Ls = 64.000
LT = 42.681
ST = 21.347
PI = 11+84.262
Δ = 33° 52' 01.0" (LT)
L = 233.480
T = 120.262
R = 395.000
SE = .08
V = 100 km/hr

-RP-C
PIs = 11+25.615
Θs = 4° 38' 30.1" (RT)
Ls = 64.000
LT = 42.681
ST = 21.347
PI = 11+92.232
Δ = 13° 05' 02.8" (RT)
L = 90.203
T = 45.298
R = 395.000
SE = .08
V = 100 km/hr

CHARLES H. COATS
DB 671 PG. 27
DB 766 PG. 146
PB 9 PG. 43
3

RP-B- SC 10+64.000
30.000 (98.43')
BL-735 54+99.138
-L- POT 48+03.542
(OFF 48.778 LT)

-L- POT 47+61.130
RP-B- TS 10+00.000
OFFSET 17.700 (LT)
BL-734 54+09.944
-L- POT 47+16.462 (OFF 68.084 LT)

90.0 UNIFORM TRANSITION
125.0 FULL LANE

+00.000 51.000 (167.32')
+40.000 52.000 (170.60')
+60.000 52.000 (170.60')
+80.000 45.000 (147.64')
+99.999 45.000 (147.64')
+18.000 45.795 (150.25')
+36.30

-RPB- +60.000 39.000 (127.95')
-RPB- +35.000 30.000 (98.43') & 40.000 (131.23')
-RPB- +00.000 36.000 (118.11')
-RPB- +00.000 30.000 (98.43')
-RPB- +80.000 30.000 (98.43') & 34.000 (111.55')

DO NOT DISTURB CONCRETE PAD

STD. BERM DITCH
PROPOSED WW FENCE
BDO
600 CSP W/ELBOW
FS 2GI
CHORD
MTL GATE
1475 mm WD RAIL
1080 mm WD
1200 mm WW
1630 mm BK
1340 mm BK
1340 mm WD RAIL
1100 mm WD
VINEYARD
25FD
CONC
SCREENED PORCH
DECK
POOL
3.6 GR

BLREV-R903 PINC 53+17.124
-L- POT 45+98.857 (OFF 4.497 LT)
BLREV-R904 PINC 54+64.999
-L- POT 47+46.307 (OFF 6.710 RT)
90.0 TAPER
BLREV-R905 PINC 55+32.988
-L- POT 48+13.194 (OFF 5.483 LT)
10.667 TYP.

-RP-B
-L-
-RP-C
3 P.S.
4.2 P.S.
1.2 P.S.
7.2
2.10
SPECIAL DITCH GRADE SEE DETAIL E
CABLE GUIDERAIL
S 64° 19' 07.4" E
2GI TYPE A
2GI TYPE D
SPECIAL CUT GRASS SWALE SEE DETAIL U
S 60° 19' 07.3" E
GRAU 350
BEGIN SHOULDER BERM GUTTER
+20.000 (RP-C)
CHORD
CHANNEL OUTLET PROTECTION SEE DETAIL AB
29.9 MTN
51.8 SM F.F.
CLASS I RIP RAP
CROSS VANE ROCK WEIR SEE DETAIL AC
TOE PROTECTION CLASS I RIPRAP
57.5 MTN
142.4 SM F.F.
FILL WITH MATERIAL AND GRADE TO DRAIN TO OTCB RPC STA 12+20 RT SEE X-SECTION
OTCB
JB
1350
750
600
450
375
BZ 1
BZ 2
PDE
TDE
WLB

-RPC- +00.000
30.000 (98.43')
+10.000
+90.000 45.000 (147.64')
+39.999 45.000 (147.64')
+90.000 85.000 (278.87')
-RPC- +75.000 30.000 (98.43') & 45.000 (147.64')
-RPC- +00.000 33.000 (108.27')

-L- POT 47+00.000
RP-C- POT 10+00.000
OFFSET 17.700 (RT)
Δ = 4°-00'-00.1"
RP-C- TS 10+82.934
30.000 (98.43')
RP-C- SC 11+46.934
30.000 (98.43')
RP-C- CS 12+37.136
30.000 (98.43')
75.926 N64°43'05"W
30.267 S51°16'25"W
89.886 N70°15'05"W
152.034 N71°55'05"W

CHARLES H. COATS
DB 671 PG. 27
DB 766 PG. 146
PB 9 PG. 43
3

NETTIE ERDINE JOHNSON LIFE ESTATE
DB 528 PG. 159
4

MATCH LINE SEE SHEET 9 -L- STA 45+88.000
MATCH LINE SEE SHEET 11 -L- STA 49+40.000

3-JAN-2006 14:24
User: kmoore
DGN: c:\projects\2552ab\plans\2552ab_rpc_plan.dgn