PROJECT REFERENCE NO.	SHEET NO.
R-2206C	22
R /W SHEET NO.	

METRIC

5 0 10

CONST.REV.

R /W REV.

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 15356 ENGINEER RONALD DAVID ALLEN 7-2-04

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 14160 ENGINEER DOUGLAS B. SAUNDERS 9/16/04

REVISIONS

8/17/99

-L-

PIs Sta 233+49.768	PI Sta 241+32.719	PIs Sta 248+14.847
θs = 1° 15' 12.0"	Δ = 50° 47' 35.4" (RT)	θs = 1° 15' 12.0"
Ls = 70.000	L = 1,418.413	Ls = 70.000
LT = 46.668	T = 759.619	LT = 46.668
ST = 23.334	R = 1,600.000	ST = 23.334
	e = 0.04	

NAD 83

57
GERALD G. DRUM
WILL & ESTATE BK 87 PG 311

LAWRENCE W. JOSEY
DB 2022 PG 941
56

0.6m BASE DITCH
W/CL 'B' RIP RAP
EST. 10 MTONS
FILTER FABRIC
EST. 20 SM
EST. DDE = 20 CM
(SEE DETAIL 11c)

171.453
N69°11'20"W

LAT. 'V' DITCH
EST. DDE = 535 CM
(SEE DETAIL 2)

-BL- 352
-L- STA. 241+97.088
17.867 (LT)

LAT. 'V' DITCH
EST. DDE = 535 CM
(SEE DETAIL 2)

+76.702 (-L-)
50.000m (164.04ft)

-L- POC STA. 243+20.000 =
-RPA- POT STA. 10+00.000
(16.200m LT.)
Δ = 4° 00' 00.0"

PROPOSED W. W. FENCE

-BL- 353
-L- STA. 243+21.966
14.226 (LT)

233.139
N45°16'59"W

901
NCDOT

END SPECIAL GRADING
-L- POT Sta. 243+82.008
(SEE STD. No. 862.01 SHT 1)

FUTURE GUARDRAIL

20m
TYP.

4.2m
S 0° 43' 39.6" E
-RPA-

1.2m
P.S.

1.2m
P.S.

7.2m

0.4

0.6m
P.S.

69.275
S03°59'50"W

39.836
+33.205
(COR TO CL)

0.6m
P.S.

7.2m

0.4

1.2m
P.S.

1.2m
P.S.

12

158.687
+71.875
(COR TO CL)

600 CL IV

144

142 2GI

FALSE SUMP
(SEE SHEET 2-I)

EIP

#2.895
N02°37'00"W

375

2GI

143

450 CSP W/
2 ELBOWS

BEG. FUTURE SHLDR.
BERM GUTTER
-RPD- 11+43

4.2m

1.2m
P.S.

12

FUTURE PAVEMENT

-L-

243

242

244

18.0m

0.6m
P.S.

0.6m
P.S.

10.8m

0.4

0.4

178.389
+10.445
(COR TO CL)

PLANTED STONE

15.0m
TYP.

FUTURE GUARDRAIL

100m R/W
(328.08ft R/W)

MATCHLINE SEE SHEET 21
-L- STA. 241+20.000

MATCHLINE SEE SHEET 23
-L- STA. 244+20.00

+50.000 (-RPD-)
30.000m (98.42ft)

106.078
S37°54'53"E

+26.286 (-L-)
50.000m (164.04ft)

PROPOSED W. W. FENCE

-RPD- SC STA. 10+60.000

-L- POC STA. 243+40.000 =
-RPD- CS STA. 10+00.000
(16.200m RT.)

+33.000
(-RPD-)
30.000m
(98.42ft)

+22.000
(-RPD-)
45.000m
(147.64ft)

+35.000
(-RPD-)
52.000m
(170.60ft)

+73.000
(-L-)
79.000m
(259.19ft)

TYPE 'A' BASIN
600 CSP RISER
600 CSP BARREL
MIN. S.A. 347.3 SM
MIN. STORAGE 370 CM
P.M.S. ELEV. = 283.800
E.M.S. ELEV. 284.100
T.O.D. ELEV. = 284.550
ELIMINATE 'A' BASIN UPON
COMPLETION OF R-2206CA
(PAVING PROJECT).

CLASS 'I' RIP RAP
EST. 10 MTONS
FILTER FABRIC
EST. 19 SM

0.6m BASE DITCH
W/CL 'I' RIP RAP
@ S1 = 8.00%
@ S2 = 0.70%
EST. 24 MTONS
FILTER FABRIC
EST. 49 SM
EST. DDE = 20 CM
(SEE DETAIL 10b)

109.881
N36°03'06"E

145

600

CLASS 'B' RIP RAP
EST. 3 MTONS
FILTER FABRIC
EST. 9 SM

54
JOSEPHINE G. SCHRONCE
DB 1665 PG 811

+40.000 (-RPD-)
95.000m (311.68ft)

+73.000
(-L-)
120.000m
(393.70ft)

TDE

PDE

-RPD-

PIs Sta 10+34.517	PI Sta 11+62.757	PIs Sta 12+83.544
θs = 1° 05' 06.0"	Δ = 19° 26' 11.6" (LT)	θs = 2° 51' 53.2"
θs = 2° 51' 54.3"	L = 203.539	Ls = 60.000
Ls = 60.000	T = 102.757	LT = 40.005
LT = 34.517	R = 600.000	ST = 20.005
ST = 25.506	e = 0.06	
RI = 1583.800		
R2 = 600.000		

SEE SHEET 61 FOR -L- PROFILE
SEE SHEET 69 FOR -RPA- PROFILE
SEE SHEET 72 FOR -RPD- PROFILE

03-AUG-2004 12:33
SECalhoun
R-2206C_RP_802_02_96

RD192296 Tuesday August 03 2004 psh22 SECalhoun rd-09oce34