6/10/99

PROJECT REFERENCE NO.	SHEET NO.
R-513C	EC-63/CONST.15
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CONST.REV.	
R /W REV.	

METRIC 5 0 10

-L-

Pls Sta 287+56.600	Pl Sta 290+71.002	Pls Sta 293+78.672
Θs = 2° 33' 28.3"	Δ = 22° 02' 53.6" (LT)	Θs = 2° 33' 28.3"
Ls = 125.000	L = 538.740	Ls = 125.000
LT = 83.342	T = 272.744	LT = 83.342
ST = 41.675	R = 1,400.000	ST = 41.675
	SE = 4%	

-Y8-

Pls Sta 18+33.523	Pl Sta 21+11.541	Pls Sta 23+63.120
Θs = 2° 31' 04.2"	Δ = 18° 31' 40.1" (LT)	Θs = 1° 11' 22.3"
Ls = 127.000	L = 467.271	Ls = 60.000
LT = 84.675	T = 235.693	LT = 40.001
ST = 42.341	R = 1,445.000	ST = 20.001
	SE = 3%	

RAMP B

Pls Sta 0+35.107	Pl Sta 1+25.158	Pls Sta 2+09.426
Θs = 5° 03' 47.5"	Δ = 16° 28' 40.6"(LT)	Θs = 3° 49' 11.0"
Ls = 60.000	L = 129.418	Ls = 60.000
R1=1382.300	T = 65.158	LT = 40.009
R2=450.000	R = 450.000	ST = 20.008
LT = 35.107	SE = 6%	
ST = 24.930		

MATCHLINE STA. 290+00.000 MATCH TO SHT. NO. 14

MATCHLINE STA. 293+60.000 MATCH TO SHT. NO. 16 & 17

(38) JOANNA MUSSELWHITE DB 795 PG 41

(40) MARY ELIZABETH PRICE TUBBS DB 403 PG 201

(41A) CITY OF LUMBERTON DB CVS PG 509

(41) BONNIE I. RHODES AND LESLIE M. INMAN DB 585 PG 714

CAROLINA POWER & LIGHT COMPANY 30.480 R/W

NAD 83

-L- CS 293+36.998 (17.700 LT) = RP"B" CS 0+00.000

-L- CS 293+36.998 (17.700 RT) = RP"C" CS 0+00.000 D = 2° 18' 00.0" (RT) N 79° 09' 49.3" E

+40 -L- 42.000 (LT) 137.8 FT

+60 -L- 38.000 (LT) 124.7 FT

+80 -L- 38.000 (LT) 124.7 FT

+20 -L- 42.000 (LT) 137.8 FT

+00 -RP B- 24.300 (LT) 79.7 FT

CHORD

+00 -Y8- 24.000 (RT) 78.7 FT

+55 -Y8- 36.000 (RT) 118.1 FT

+90 -Y8- 26.000 (RT) 85.3 FT

+03.119 -Y8- 20.000 (RT) 65.6 FT

-Y8- CS 23+43.119

-Y8- ST 24+03.119

6 x 3 x 1 1.5 weir

10 x 3 x 1 1.5 weir

4 x 2 x 1

CL "B" RIP RAP: EST.13.6 MTN FILTER FABRIC: EST.30.9 S.M.

CL 'B' RIP RAP:9.2 MTN FILTER FABRIC: EST.20 SM

CL 'B' RIP RAP:45 MTN FILTER FABRIC: EST.94 SM

CL "B" RIP RAP: EST.27 MTN FILTER FABRIC: EST.8.4 SM.

0.6 BASE DITCH -L- 290+40+/- TO 291+38+/-RT EST.DDE: 421 CuM SEE DETAIL "B" SHT.2-J

0.6 BASE DITCH -Y8- 22+25+/- TO 23+90+/-RT EST.DDE: 1456 CuM SEE DETAIL "B" SHT.2-J

FALSE SUMP SEE DETAIL 1 SHT. 2-J

FALSE SUMP SEE DETAIL 2 SHT.2-J

FALSE SUMP 375 RCP SEE DETAIL 2 SHT.2-J

PROP. CABLE GUIDERAIL

+64.4 DEG. CABLE GUIDERAIL

+90 END CABLE GUIDERAIL

90 TAPER

HEADWALL REMOVE

EXTRA DEPTH

450 RCP

375 RCP

6L-24 L-29+04.090 2.39T (LT)

SEE SHEET NO. 58 FOR LINE -L- GRADE AND PROFILE.
SEE SHEETS NO. 123 AND NO. 124 FOR LINE -Y8- GRADE AND PROFILE
SEE SHEET NO. 87 FOR RAMP B GRADE AND PROFILE.
SEE SHEET NO. 88 FOR RAMP C GRADE AND PROFILE.

RAMP "C"

Pls Sta 0+20.001
Θs = 1° 12' 44.8"
Ls = 60.000
LT = 40.001
ST = 20.001
R=1417.700
SE=4%

09-APR-2004 12:55
d:\roadway\r513c\curr_plans\r513c15.psh
microstation