6/10/09

PROJECT REFERENCE NO.	SHEET NO.
R-5113C	EC-58/CONST.9
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV.

-L-

PIs Sta 265+16.448	PI Sta 266+70.438	PIs Sta 268+24.358
Θs = 0° 59' 41.0"	Δ = 3° 34' 27.3" (LT)	Θs = 0° 59' 41.0"
Ls = 125.000	L = 224.576	Ls = 125.000
LT = 83.335	T = 112.325	LT = 83.335
ST = 41.668	R = 3,600.000	ST = 41.668
	SE = 2.5%	

RAMP "B"

PIs Sta 0+60.052	PI Sta 1+93.841	PIs Sta 3+11.905
Θs = 1° 21' 59.8"	Δ = 33° 03' 00.2" (LT)	Θs = 4° 54' 39.8"
Ls = 90.000	L = 201.891	Ls = 60.000
LT = 60.052	T = 103.841	LT = 40.015
ST = 30.047	R = 350.000	ST = 20.014
	SE = 7%	

NOTE:
TEMPORARY SILT FENCE SHALL BE INSTALLED A MINIMUM OF 1 METER FROM TOE OF FILL IN WETLAND AREAS

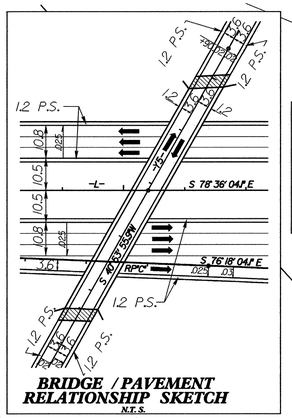
SEE SHEET NO.55 FOR LINE -L- RT LN TRANS GRADE AND PROFILE.
SEE SHEET NO. 55 FOR LINE -L- LT LN TRANS GRADE AND PROFILE.
SEE SHEET NO. 55 FOR LINE -L- GRADE AND PROFILE.
SEE SHEET NO. 79 FOR RAMP B GRADE AND PROFILE.
SEE SHEET NO. 81 FOR RAMP C GRADE AND PROFILE.
SEE SHEET NO. 120 FOR LINE -Y5- GRADE AND PROFILE.

-L- LT LN TRANS

PIs Sta 264+80.007	PI Sta 266+33.998	PIs Sta 267+46.250
Θs = 0° 59' 41.0"	Δ = 3° 34' 27.3" (LT)	Θs = 0° 59' 41.0"
Ls = 125.000	L = 224.577	Ls = 125.000
LT = 83.335	T = 112.325	LT = 83.335
ST = 41.668	R = 3,600.000	ST = 41.668
	SE = 2.5%	

-L- RT LN TRANS

PIs Sta 265+52.888	PI Sta 267+06.878	PIs Sta 268+60.798
Θs = 0° 59' 41.0"	Δ = 3° 34' 27.3" (LT)	Θs = 0° 59' 41.0"
Ls = 125.000	L = 224.577	Ls = 125.000
LT = 83.335	T = 112.325	LT = 83.335
ST = 41.668	R = 3,600.000	ST = 41.668
	SE = 2.5%	



BRIDGE / PAVEMENT RELATIONSHIP SKETCH
N.T.S.

SEE SHEETS S THROUGH S FOR STRUCTURES PLANS

(16) FRANCES P. BARNES DB 20E PG 158

(17) MERYLE BARNES JACKSON DB 15C PG 113

-L- RT LN TRANS ST 269+44.131 (10.5 RT)=
-L- LT LN TRANS POT 269+42.430 (10.5LT)=
-L- POT 269+43.281

-L- LT LN ST 268+71.250

-L- ST 269+07.690

MATCHLINE STA. 268+40.000 MATCH TO SHT. NO. 8

MATCHLINE STA. 272+00.000 MATCH TO SHT. NO. 10 &11

MATCHLINE STA. 24+05.000 MATCH TO SHT. NO. 33

NAD 83

SCS01-102SE 91.869

5 x 3 x 1 1.5 weir

4 x 2 x 1

6 x 3 x 1 1.5 weir

10 x 4 x 1 1.5 weir

6 x 2 x 1 1.5 weir

+71.250 -L- LT LN
31.000 (LT)
101.7 FT

+43.281 -L-
41.500 (LT)
136.2 FT

+71.988 -L-

+57.201 -L-
55.930 (LT)
183.5 FT

+45.279 -L-
57.333 (LT)
188.1 FT

+42.993 -L-
41.500 (LT)
136.2 FT

+55.117 -L-
41.500 (LT)
136.2 FT

+80 -L-
41.500 (LT)
136.2 FT

+15 -L-
41.50 (LT)
136.2 FT

+46 -L-
41.50 (LT)
136.2 FT

+70 -L-
44.00 (RT)
144.5 FT

+95 -L-
45.00 (RT)
147.6 FT

+25 -L-
41.000 (RT)
134.5 FT

+79.968 -RP C-
22.000 (RT)
72.2 FT

+20 -Y5-
43.000 (RT)
141.1 FT

+75 -Y5-
41.500 (LT)
136.2 FT

-Y5- CS 22+29.16

-Y5- ST 22+89.116

-L- POT 271+71.988
(17.700 LT) =
RP"B"TS 0+00.000

-L- POT 271+08.000 =
-Y5- POT 23+42.464

-Y5- POT 23+04.264
BEGIN BRIDGE

-Y5- POT 23+86.864
END BRIDGE

RP"C" POT 0+00.000
Δ = 2° 18' 00.0" (RT)

RP"C" TS 0+79.968

CHORD

BY5-9
-Y5-22+69.662
16.633 (RT)

BL-15
-L-268+66.567
0.801 (LT)

BL-14
-L-270+69.434
0.042 (LT)

CL "B" RIP RAP:
EST.18 MTN
FILTER FABRIC:
EST.5.9 S.M.

CL "B" RIP RAP:EST.7.3 MTN
FILTER FABRIC:EST.17.6 S.M.

CL "B" RIP RAP:
EST.27 MTN
FILTER FABRIC: ANCHOR
EST.8.4 S.M.

CL "B" RIP RAP:EST.18 MTN(EA)
FILTER FABRIC:EST.5.9 S.M.(EA)

0.6m BASE DITCH
-L- 269+50+/- TO 270+00+/-LT
EST.DDE:40 CuM
SEE DETAIL "E" SHT.2-J

0.6m BASE DITCH
-L- 270+50+/- TO 270+89+/-LT
EST.DDE:25 CuM
SEE DETAIL "E" SHT.2-J

1.0m BASE DITCH
-Y5- 24+03+/- TO 24+75+/-RT
EST.DDE:906 CuM
SEE DETAIL "K" SHT.2-J

0.6m BASE DITCH
-L- 270+50+/- TO 271+08+/-RT
EST.DDE:230 CuM
SEE DETAIL "J" SHT.2-J

PROP.TEMP. DRAIN.EASEMT

CAROLINA POWER AND LIGHT COMPANY DB 428 PG 346

EXISTING R/W

WLB

TDE

TSD

PROP.GUARDRAIL

200 FULL LANE

90 TAPER

750 RCP

375 RCP

400 CSP W/ 2 ELBOWS

END WW 450 RCP FENCE

END CABLE GUIDERAIL

BEG.CABLE GUIDERAIL

FALSE SUMP SEE DETAIL I SHT.2-J

PROP.CABLE GUIDERAIL

END WW FENCE

BEG.WW FENCE

TYPE III ANCHOR

2GI W/FLAT GRATE

S 78°36'04"E

S 76°18'04"E

S 40°55'55.9"W

09-APR-2004 11:04
d:\mydocuments\R-5113C\curr_plans\r5113c09.psh