6/10/99

PROJECT REFERENCE NO.	SHEET NO.
R-5136	EC-8/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 = 7° 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%	

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%	

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 9

NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE- B AND TEMPORARY ROCK SILT CHECKS TYPE-A AT DRAINAGE OUTLETS.

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

BRIDGE / PAVEMENT RELATIONSHIP SKETCH
N.T.S.

SEE SHEETS S THROUGH S FOR STRUCTURES PLANS

NAD 83

MATCHLINE STA. 22+00.000 MATCH TO SHT. NO. 10

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

16 FRANCES P. BARNES DB 20E PG 158

17 MERYLE BARNES JACKSON DB 15C PG 113

CAROLINA POWER AND LIGHT COMPANY DB 428 PG 346

5 x 3 x 1 1.5 weir

6 x 3 x 1 1.5 weir

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

-Y5- POT 23+04.264 BEGIN BRIDGE

-Y5- POT 23+86.864 END BRIDGE

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

-Y5- CS 22+29.16

-L- POT 270+47.877 (21.300 RT) = RP"C" POT 0+00.000 Δ = 2° 18' 00.0" (RT)

-L- LT LN ST 268+71.250

-L- ST 269+07.690

-Y5- ST 22+89.116

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

+43.281 -L- 41.500 (LT) 136.2 FT

+71.988 -L-

+81.37 -L- LT LN

+20 -Y5- 43.000 (RT) 141.1 FT

+80 -L- 41.500 (LT) 136.2 FT

+57.201 -L- 55.930 (LT) 183.5 FT

+55.117 -L- 41.500 (LT) 136.2 FT

+45.279 -L- 57.333 (LT) 188.1 FT

+42.993 -L- 41.500 (LT) 136.2 FT

+75 -Y5- 41.500 (LT) 136.2 FT

+46 -L- 41.50 (LT) 136.2 FT

+15 -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 CHORD

CL"B" RIP RAP: EST.1.8 MTN FILTER FABRIC: EST.5.9 S.M.

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

CL"B" RIP RAP: EST.7.3 MTN FILTER FABRIC: EST.26 S.M.

CL"B" RIP RAP: EST.2.7 MTN FILTER FABRIC: ANCHOR EST.8.4 S.M.

CL"B" RIP RAP: EST.1.8 MTN FILTER FABRIC: EST.5.9 S.M.(EA)

400 CSP W/ 2 ELBOWS

400 CSP W/ 2 ELBOWS W/ FLAT GRATE

450 RCP FENCE

200 FULL LANE

90 TAPER

750 RCP

375 RCP

PROP.GUARDRAIL

PROP.CABLE GUIDERAIL

PROP.TEMP. DRAIN.EASEM'T

FALSE SUMP SEE DETAIL I SHT.2-J

END CABLE GUIDERAIL

END WW FENCE

BEG.WW FENCE

BEG.CABLE GUIDERAIL

TYPE III ANCHOR

BL-13 -L- 268+66.567 0.801 (LT)

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

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

S 78° 36' 04.1" E

S 40° 55' 55.9" W

S 76° 18' 04.1" E

09-APR-2004 10:58
dlvan\Turpin\R-5136 curr_plans\R5136CON.PSH
mmgooch 41.40