REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
R-5131C	34
R/W SHEET NO.	

METRIC

5 0 10

CONST.REV.

R/W REV.

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 12300 ENGINEER CHARLES LEE FLOWE
7/16/04

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 20754 ENGINEER WILLIAM T. STEPHENS
7/16/04

TGS ENGINEERS
975 WALNUT STREET, SUITE 141
CARY, NC 27511
PH (919) 319-8850

-Y5-

PIs Sta 26+04.487	PI Sta 26+62.001	PIs Sta 27+19.167
Θs = 5°43'46.5"	Δ = 14°15'47.5" (RT)	Θs = 5°43'46.5"
Ls = 60.000	L = 74.682	Ls = 60.000
LT = 40.021	T = 37.535	LT = 40.021
ST = 20.019	R = 300.000	ST = 20.019
	SE = 8%	

NAD 83

59
SARAH W. BARNES
DB 15C PG 111

BOARD OF EDUCATION OF ROBESON COUNTY
DB 11P PG 296

61
BELL SOUTH
DB 749 PG 236

16
FRANCES P. BARNES
DB 20E PG 158

MATCHLINE STA. 26+60.000 MATCH TO SHT. NO. 33

-Y5- CS 26+99.148

-Y5- ST 27+59.148

-Y5- POT 28+44.148

-Y5- POT 28+00.000
END CONSTRUCTION

+00 -Y5-
16.000 (LT)
52.5 FT

+75 -Y5-
EXIST.R/W

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

UNIFORM TAPER TO MATCH EXIST.

+05 -Y5-
14.000 (LT)
45.9 FT

+05 -Y5-
EXIST.R/W

450 RCP
20 COLLAR

EXISTING R/W

18.288 (60')

27+00

28+00

RETAIN

200 PVC

S 66° 37' 16.4" W

-Y5-
PROP.DR.

375 mm CONC

REMOVE

COLLAR
450 RCP
202

375
PROP.DR.
203
202A

+20 -Y5-
14.500 (RT)
47.6 FT

+14.737 -Y5-
EXIST.R/W

+14.709 -Y5-
14.500 (RT)
47.6 FT

BY5-12
-Y5-26+78.026
0.092 (RT)

BY5-13
-Y5-28+34.922
5.658 (RT)

S23°05'00"E
45.688 COR-RW
45.794 COR-EIP

S23°09'00"E
33.497 COR-RW
33.597 COR-EIP

N23°15'00"W
25.247 COR-RW
25.357 EIP-EIP

S50°30'00"W
89.785

N50°30'00"E
29.318

N50°30'00"E
22.967

N50°30'00"E
29.229

S27°27'51"E
260.981

HTR

ISFD

ISBK

BK PLANTER

FLAGPOLE

BUS ISBLK

ISBLK BUS

2SBKD

SOIL

W/LT

CONC

GR

1200 mm CONC

2400 mm CONC

1800 mm CMP

1000 mm CONC

300 mm CONC

250 mm CONC

375 mm CONC

600 mm CONC

50 BST

6.6 BST

2.5 SOIL

SR 1207 HILLY BRANCH RD

SEE SHEET NO. 121 FOR LINE -Y5-
GRADE AND PROFILE.

6/01/98
07/15/2004 10:32:36 AM
\\Tgs1\projects\5131c\roadway\sheets\5131c34.dgn
USER:
DESIGN ENGINEER
SYSTEM: