PROJECT REFERENCE NO.	SHEET NO.
R-2610 B	21
R /W SHEET NO.	

ROADWAY DESIGN ENGINEER — 06-23-04
NORTH CAROLINA PROFESSIONAL SEAL 17691 ENGINEER RICHARD A. SHILLINGLAW

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 22100 ENGINEER STEPHEN B. MORGAN

METRIC 5 0 10

CONST.REV.

R /W REV.

REVISIONS

8/17/99

-BL-
PI Sta 144+28.570
D = 6° 37' 12.8" (LT)
L= 402.343
T = 201.396
R = 3,482.152

-L-
PI Sta 69+28.571
Δ = 6° 37' 12.8" (LT)
L = 402.343
T = 201.396
R = 3,482.152
SE = 02
RUNOFF = 18

NAD 83

SEE SHEET 47 & 48 FOR -L- PROFILE

36 LEWIS MOORE, SR.
DB 676 PG 1058, DB 676 PG 1060
PB 95 PG 273, DB 488 PG 654
PB 95 PG 274

SANDY BRANCH BAPTIST CHURCH
DB 735 PG 233
PB 95 PG 274
NO CLAIM

36 LEWIS D. MOORE, SR.
DB 676 PG 1060
PB 95 PG 274, PB 95 PG 273,
DB 488 PG 654,
& DB 676 PG 1058

67 68 69 70

2039.64ft N88°05'59"W

179.07ft S7°40'13"W

EXISTING RECORDED C/A BREAK REVISED

-L- +22.470
41.237m

-L- +81.000
38.752m
(127.14 ft.)

-L- PCSta.67+27.175

-L- +69.063
32.630

-L- +42.856
32.638

-L- 68+58.531
29.108m
(95.50 ft.)
END FENCE
END C/A

-L- +76.828
30.709m
(100.75 ft.)
BEG.FENCE
BEG.C/A

-BL- POC 144+25.000 =
-L- POC STA. 69+25.000
OFFSET 0.000m
REBAR, NO CAP

CLASS B RIP RAP
EST. 4.5 MTNS
W/11.7 SM FILTER
FABRIC

SEE DETAIL H
0.6m LATERAL
BASE DITCH

CLASS I RIP RAP
EST. 36.3 MTNS
W/62.7 SM FILTER
FABRIC

SEE DETAIL SHT. 2-P
PREFORMED SCOUR HOLE

MAINTAIN EXISTING
CROSS SECTION

SEE DETAIL SHT. 2-P
PREFORMED SCOUR HOLE

-L- +86.000
38.252m
(125.50 ft.)

BURY PIPE
END 0.3m

1.8x1.8 PSH
SEE SHEET 2-P

1.8x1.8 PSH
SEE SHEET 2-P

SEE DETAIL M
LATERAL 'V' DITCH

BEGIN SHLD. BERM GUTTER
STA 69+60, LT

CAT-1

PS TO SBG

7.2m

0.6m PS

7.0m

MATCHLINE -L- 66+70 SEE SHEET 20

MATCHLINE -L- 70+20 SEE SHEET 22

375 375 450 450 450 450 600

61 2GI 62 2GI 58 2GI 59 59A 62A 62B

3.6m Drive 3.0m R 3.0m R

+97.175 +15.175 +33.175

02 02 02 02 00

N 38° 39' 40.1" W

1800 mm CONC DITCH REMOVE

375 mm CONC W/FES

SOIL GR

1800 mm CONC DITCH REM

1050 mm CONC DITCH REM

US 421 8.4 BST

RETAIN

REMOVE HDWL COLLAR & EXTEND 2.7 BK HW 1.5 BK WW

1500 CONC

GRAU 350

REMOVE EXIST G/R

SEE DETAIL SHT. 2-P
PREFORMED SCOUR HOLE

ENDWALL

PDE

SEE DETAIL V
1.5m STAND.
BASE DITCH

-BL- PC 142+27.175 =
-L- PC STA. 67+27.175
OFFSET 0.000m
REBAR, NO CAP

-L- +07.453
32.919m

-L- +68.235
32.919
END FENCE
END C/A

-L- +80.239
32.920
BEG.FENCE
BEG.C/A

-L- +00.000
32.919m (108.00 ft.) &
39.319m (129.00 ft)

-L- +80.000
32.919m (108.00 ft.) &
39.319m (129.00 ft)

-L- +93.000
32.919m (108.00 ft.) &
39.319m (129.00 ft)

SEE DETAIL H
0.6m LAT. BASE DITCH

EXISTING RECORDED
40' C/A BREAK

38 T. CURTIS MOORE
DB 671 PG 668
PB 95 PG 274

SANDY BRANCH BAPTIST CHURCH
DB 735 PG 233
PB 95 PG 274
NO CLAIM

+42.238
43.500

710ft N7°00'05"E

EIP

23-OCT-2003 15:14
C:\Projects\2610b\2610BRS2.dgn
Richard A. Shillinglaw