NOTE:
UTILIZE TEMPORARY ROCK SEDIMENT DAM TYPE – B AS STILLING BASIN WHERE APPLICABLE.

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "POTTS"
WITH NAD 83 STATE PLANE GRID COORDINATES OF NORTHING: 726960.1439(ft) EASTING: 1593494.1555(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999876970
THE N.C. LAMBERT GRID BEARING
LOCALIZED HORIZONTAL GROUND DISTANCE FROM
"POTTS" TO -L- STATION 18+50 IS
N 47^ 24' 05.23" E, 5,607.39'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NGVD 29

PROJECT REFERENCE NO.	SHEET NO.
B-4334	EC-5/CONST.4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SEE SHEET 6 FOR -L- PROFILE

-L-

PI Sta 15+72.98
Δ = 26° 06' 24.5" (LT)
D = 7° 38' 22.0"
L = 341.74'
T = 173.89'
R = 750.00'

PI Sta 23+80.55
Δ = 21° 48' 41.0" (RT)
D = 3° 38' 16.2"
L = 599.57'
T = 303.46'
R = 1,575.00'
SE = 0.06
INC = 30'

NAD 83

S75°24'40"W 103.84'
S58°49'29"W 50.33'
S78°21'01"W 251.04'
S74°01'20"W 482.22'

POT Sta. 10+00.00

-L- STATION 18+50
BEGIN STATE PROJECT B-4334
BEGIN CONSTRUCTION

-L-
N 14° 21' 49.5" E
-BY18-
N 12° 17' 34.8" E

-BY18-
N 37° 17' 37.8" E

BY18-96- PINC 11+26.73 =
-L- 16+20.61 (28.57' RT)
EL. = 687.12

-Y1- POT Sta.13+69.10 =
-L- POT Sta.19+69.23

PC Sta. 20+77.09

PT Sta. 17+40.83

-Y1-
S 83° 19' 11.9" E

-BY18-
N 33° 46' 26.1" E

SIDNEY LYLE
WB CC73-E-261
③
12304AB GPS 7
BY22-PINC 17+91.19 =
-L- 22+78.79 (18.47' LT)
EL. = 656.56

① MICKEY WAYNE LANDRETH AND WIFE, TRACIE MARTIN LANDRETH
DB 779 PG 1405

EARL L BLANTON AND WIFE, KATHY L BLANTON
DB 705 PG 514

② JAMES R. SWING, III
DB 692 PG 439

WHITE OAK TRANSPORT, INC.
DB 1094 PG 1963
④

⑤ CLINARD J.R. PRESNELL & PAMELA G. PRESNELL
DB 870 PG 651

END RESURFACING
-Y1- STA 13+22.28

RETAIN & CLEAN OUT

REMOVE

BEG BRIDGE
-L- STA. 26+33.50

BEG APPROACH SLAB
-L- STA.26+33.50

END APPROACH SLAB
-L- STA. 28+75.50

END BRIDGE
-L- STA. 28+64.50

14 x 7 x 3

14 x 7 x 3
4' weir
PT Sta. 26+76.66

14 x 7 x 3

STREAM RELOCATION

CLASS 'I' RIP RAP

TYPE III

BRIDGE 404
CONC
N 36° 10' 30.5" E

15" CSP W/2 ELBOWS

8:1 TAPER

GRAU-350

CLASS B RIPRAP
EST. 2 TONS W/7 SY
FILTER FABRIC

SHOULDER BERM GUTTER
STA 23+50 -L- (RT) TO
STA 26+47 -L- (RT)

SHOULDER BERM GUTTER
STA 28+77 -L- (RT)
STA 30+14.5 -L- (RT)

CLASS B RIPRAP
EST. 2 TONS W/7 SY
FILTER FABRIC

DETAIL 'G'
STANDARD BASE DITCH
(Not to Scale)
Min. D = 2.5 Ft.
B = 5 Ft.

-L- STA 27+35 TO 27+85 (LT)

DETAIL 'F'
LATERAL 'V' DITCH
(Not to Scale)
Min. D = 2 Ft.
Max. d = 1 Ft.
b = 5 Ft.
Type of Liner = CLASS B

-L- STA 28+77 TO 30+00 (LT)

DETAIL 'A'
LATERAL 'V' DITCH
(Not to Scale)
Min. D = 1 Ft.
b = 5 Ft.

-L- STA 22+00 TO 26+50 (RT)

DETAIL 'C'
LATERAL 'V' DITCH
(Not to Scale)
Min. D = 2 Ft.
Max. d = 1 Ft.
b = 5 Ft.
Type of Liner = CLASS B

-L- STA 28+77 TO 31+00 (RT)

0.07 AC STREAMBANK REFORESTATION

SEE RF-1 AND PROJECT SPECIAL PROVISIONS

MATCHLINE -L- STA. 30+00 SEE SHEET 5