PROJECT REFERENCE NO.	SHEET NO.
BP1-R009	EC-05/CONST.04
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

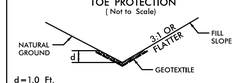
Prepared by
vhb
940 Main Campus Drive, Suite 500
Raleigh, NC 27606
NC License No. C-3705

8/17/99

-L-

PI Sta 15+73.63
Δ = 10° 32' 45.5" (LT)
D = 4° 43' 24.5"
L = 223.27'
T = 111.95'
R = 1,213.00'
SE = 0.045
RO = 81'

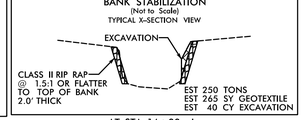
DETAIL 1
TOE PROTECTION
(Not to Scale)



d=1.0 Ft.
Type of Liner= CLASS B RIP RAP

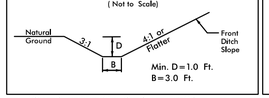
FROM STA. 12+00 TO STA. 13+67 -L- RT
FROM STA. 14+60 TO STA. 15+92 -L- RT
FROM STA. 11+65 TO STA. 13+67 -L- LT
FROM STA. 14+60 TO STA. 15+77 -L- LT

DETAIL 2
BANK STABILIZATION
(Not to Scale)
TYPICAL X-SECTION VIEW



AT STA. 14+00 -L-
AT STA. 14+33 -L-

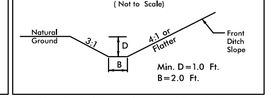
DETAIL 3
SPECIAL BASE DITCH
(Not to Scale)



Min. D=1.0 Ft.
B=3.0 Ft.

FROM STA. 15+85 TO STA. 17+96 -L- LT

DETAIL 4
SPECIAL BASE DITCH
(Not to Scale)



Min. D=1.0 Ft.
B=2.0 Ft.

FROM STA. 16+77 TO STA. 18+00 -L- RT

NAD 83/NA 2011

END BRIDGE
STA. 14+50.63

END APPROACH SLAB
STA. 14+61.50

END TIP PROJECT BP1-R009
-L- POT STA. 17+83.95

• PARCEL LINES SHOWN ARE FROM COUNTY GIS AND ARE POSTED AS IN "CONFLICT". PER DEEDS, PROPERTY LINE IS THE CL OF PADDY'S DELIGHT CREEK.

BEGIN TIP PROJECT BP1-R009
-L- POT STA. 11+00.00

-L- POT Sta. 10+00.00

-L- PT Sta. 16+84.95

-L- PC Sta. 14+61.68

-L- POT Sta. 19+40.24

BOBBY ALLEN MARTIN
DB 668 PG 501
1

2

PATRICIA H. SMITH
ESTATE FILE: 18E PG 13
3

ERIC M. HARRIS
DB 1068 PG 517
PB 39 PG 83

BURNS ANDERSON
DB 815 PG 348
PB 39 PG 83

GWENDOLYN B. BRYANT
& DONALD W. BRYANT
DB 921PG 208
PB 41PG 31
4

TERRY M. BUSH
DB 739 PG 397
PB 30 PG 186

GARLAND L. MOORE
DB 898 PG 50

TO CREEKSVILLE RD
SR 1504

TO NC 35

BEGIN SBG
+00

TRANSITION TO EXISTING CROSS SLOPES

TOE PROTECTION
SEE DETAIL 1

CLASS B RIP RAP
EST 2 TONS
EST 7 SY GEOTEXTILE

REMOVE EXISTING REMNANT ABUTMENT

CLASS II RIP RAP (TYP.)

BANK STABILIZATION W/CLASS II RIP RAP SEE DETAIL 2

CLASS B RIP RAP
EST 3 TONS
EST 10 SY GEOTEXTILE

SPECIAL BASE DITCH
SEE DETAIL 3

SPECIAL BASE DITCH
SEE DETAIL 4

DO NOT DISTURB WELL

FLOATING TURBIDITY CURTAIN

BEGIN APPROACH SLAB
STA. 13+67.50

BEGIN BRIDGE
STA. 13+78.38

N 83° 53' 28.3" E

N 73° 20' 42.7" E

RIGHT OF WAY AREA DATA

PARCEL NO.	PROPERTY OWNER NAME	R/W AREA	TCE
1	BOBBY ALLEN MARTIN	5214.5 SF	2187.9 SF
2	BOBBY ALLEN MARTIN	1872.6 SF	593.6 SF
3	PATRICIA H. SMITH	4010.9 SF	1376.9 SF
4	GWENDOLYN B. BRYANT & DONALD W. BRYANT	3300.5 SF	2724.8 SF

FOR -L- PROFILE SEE SHEET 5

10:17:46 AM
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toulepper