8/17/99

REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
B-5348	EC-5/CONST.4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

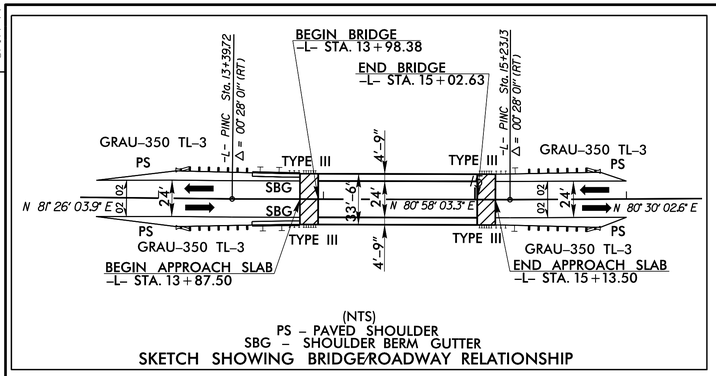
-L-
PI Sta 11+50.27
△ = 0° 42' 15.0" (RT)
D = 1° 07' 14.7"
L = 628.33'
T = 314.42'
R = 5112.28'
SE = SEE PLANS

34 x 12 x 3
1.5 inch Skimmer
with 0.375 inch
Orifice Diameter
4 ft. weir
ID 4.1

NOTE:
UTILIZE SPECIAL STILLING BASIN(S) WHERE APPLICABLE

Place Matting for Erosion Control on Slope as Work Allows.
Sta. 13+39 to Sta. 14+25

NAD 83 NA 2011



(NTS)
PS – PAVED SHOULDER
SBG – SHOULDER BERM GUTTER
SKETCH SHOWING BRIDGE/ROADWAY RELATIONSHIP

BEGIN TIP PROJECT B-5348
-L- STA. 12+50.00

END TIP PROJECT B-5348
-L- STA. 16+00.00

-L- PC Sta. 11+18.85
-L- PT Sta. 11+81.68
-L- POT Sta. 10+00.00
-L- POT Sta. 18+17.12
-L- PINC Sta.13+39.72 △ = 00°28'01" (LT)
-L- PINC Sta.15+23.13 △ = 00°28'01" (LT)

N 47°46'59" W 157.28'
S 61°01'39" W 422.65'
S 24°48'01" E 260.75'
S 09°39'27" E 675.43'
N 81°26'03.9" E
N 80°43'48.9" E -EL-
N 80°58'03.3" E -EL-
N 80°30'02.6" E

100' PIEDMONT ELECTRIC R/W PER PB 29 PG 161
60' PRIVATE R/W PER PB 27 PG 113
PROPERTY LINE FOLLOWS THE CENTER LINE OF PHIL'S CREEK
PROPERTY LINE FOLLOWS THE CENTER LINE OF PHIL'S CREEK

1
MICHAEL W. SEBALD
DB 964 PG 170
PB 29 PG 161

2
CHERYL KOZEL
JOAN KOZEL VAN ORD
STEPHANIE K. GRUBBS &
JONATHAN GRUBBS
DB 3473 PG 341
PB 27 PG 113

3
BOBBIE ANDREWS STANFORD &
CHARLES ASHLEY STANFORD
DB 3196 PG 347
PB 93 PG 4

4
L. STEVE & DONNA HARWARD
DB 1470 PG 327
PB 76 PG 34

+90.00 -L- 50.00' LT.
+67.00 -L- 81.00' LT.
+76.00 -L- 65.71' LT.
+00.00 -L- 63.00' LT.
+00.00 -L- 70.00' LT.
+70.00 -L- 25 CLB RIP RAP INV=397.8
+15.00 -L- 70.00' LT.
+20.00 -L- 30.00' LT. 45.00' LT.
+90.00 -L- 30.44' RT. 60.00' RT.
+10.00 -L- 30.45' RT. 40.00' RT. 60.00' RT.
+75.00 -L- 30.56' RT. 50.00' RT.
+40.00 -L- 90.00' RT.
+20.00 -L- 30.00' RT.
+78.00 -L- 30.00' RT.
+23.13 -L- 30.00' RT. SEE DETAIL B
+90.00 -L- 116.00' RT.
+12.00 -L- 137.00' RT.
BM#1

20' INC. SEE DETAIL C TYP.
50' TAPER LT. & RT.
CLASS B RIP RAP
GRADE TO DRAIN
SEE DETAIL A
SEE DETAIL B
EXCAVATION TOTAL = +/-2700
EXCAVATION TOTAL = +/-8356
END CONSTRUCTION -L- STA. 16+20.00

DETAIL A
TOE PROTECTION
(Not to Scale)
NATURAL GROUND
2:1 OR FLATTER
FILL SLOPE
GEOTEXTILE
d=1.5 Ft.
Type of Liner= CLASS B Rip-Rap
FROM STA.15+20 TO STA.15+50-L-RT.

DETAIL B
TOE PROTECTION
(Not to Scale)
Slope Varies
Natural Ground
2:1 or Flatter Fill Slope
d=1.5 Ft.
b=5.0 Ft.
Geotextile
Type of Liner= CLASS B Rip-Rap
FROM STA.15+10 TO STA.15+20-L-RT.
FROM STA.15+10 TO STA.15+20-L-LT.

DETAIL C
SPECIAL CUT DITCH
(Not to Scale)
Natural Ground
2:1
2:1 or Flatter
Front Ditch Slope
Geotextile
Min. D=1.0 Ft.
Max. d=1.5 Ft.
Type of Liner= CLASS B Rip-Rap
FROM STA.15+20 TO STA.15+50-L-LT

SEE SHEET 5 FOR PROFILE
SEE SHEETS S-1 THRU S-? FOR STRUCTURE PLANS

21-MAR-2017 13:27
R:\Hydraulics\Design\B5348_EC_pshA.dgn
Plotted at 1"=20'
PLOTTED BY: RENU PRAJAPATI