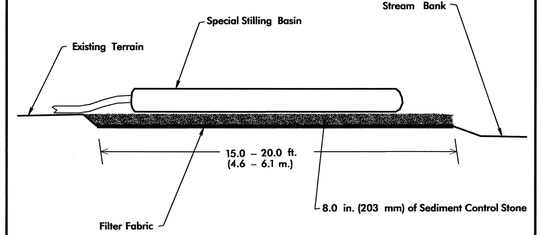
8/17/99

PROJECT REFERENCE NO.	SHEET NO.
B-4007	EC-6/CONST.4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NC GRID NAD 83

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

SPECIAL STILLING BASIN WITH ROCK PAD

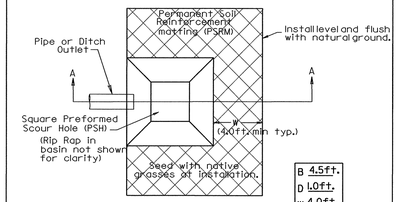


Not To Scale

Note: Provide Stabilized Outlet to Streambank

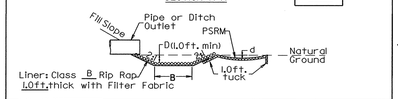
DETAIL E
PREFORMED SCOUR HOLE

PLAN VIEW



B 4.5ft.
D 1.0ft.
W 4.0ft.
d 0.5ft.

SECTION A-A



-L- STA. 17+28 RT

BEGIN STATE PROJECT T.I.P. B-4007
-L- POT STA. 13+00.00

BEGIN CONSTRUCTION
-L- POT Sta. 10+69.69 =
-DET- Sta. 10+70.00

-L- PC Sta. 11+35.34

-L- PT Sta. 14+42.05

BEGIN BRIDGE
-L- POT Sta. 16+21.00

END BRIDGE
-L- POT Sta. 17+86.00

END CONSTRUCTION
-L- POT Sta. 22+25.00

END STATE PROJECT T.I.P. B-4007
-L- POT STA. 21+75.00

-L- POT Sta. 10+00.00

BILLY SMITH FARMS INC
DB 101 PG 438
TRACT 9

BILLY HAWKS
ELAINE HAWKS
DB 198 PG 600

EUGENE EDWARDS
SHIRLEY EDWARDS
DB 69 PG 619

ROGER WILSON
DB 60 PG 281
DB 60 PG 223
DB 29 PG 490

JOSE VARELA
TERESA FERNANDEZ
DB 207 PG 141
PB 9 PG 92

EUGENE E. EDWARDS
SHIRLEY H. EDWARDS
DB 64 PG 233

USE SPECIAL DETAIL FOR STRUCTURES #6 & #7

USE SPECIAL DETAIL FOR TYPE III ANCHOR UNITS AT THE END OF THE BRIDGE.

PROP. SINGLE-FACED CONC. BARRIER/RETAINING WALL -L- Sta. 13+50.00 to 16+13.62 LT.

CONCRETE LINED DITCH SEE DETAIL 'A'

PREFORMED SCOUR HOLE SEE DETAIL 'C'

PREFORMED SCOUR HOLE SEE DETAIL 'E'

PERMANENT SOIL REINFORCEMENT MAT (7 S.Y. PSRM)

CONC. EXPRESSWAY GUTTER -L- STA 19+24 TO 21+20 LT

RESET EXISTING GUARDRAIL

PLUG & FILL BOTH ENDS EXIST. 18"CSP & REMOVE EXIST. HW AFTER DETOUR REMOVAL

REMOVE HW

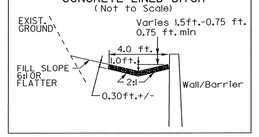
RETAIN

RELOCATE EXIST. SEPTIC SYSTEM.

3.0 TONS CL B RIPRAP W/1.0 S.Y. FILTER FABRIC

26 x 8 x 3 4' weir
31 x 9 x 3 4' weir
30 x 10 x 3 4' weir
20 x 7 x 3 4' weir
40 x 14 x 8' weir
29 x 10 x 3 4' weir

DETAIL A
CONCRETE LINED DITCH
(Not to Scale)

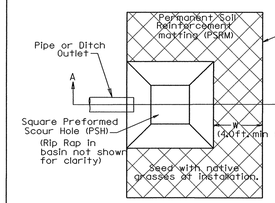


-L- STA. 13+50 – 15+95 LT.

NOTE: CLASS II RIPRAP AT BRIDGE SPILL THRU SLOPES IS STRUCTURAL PAY ITEM.

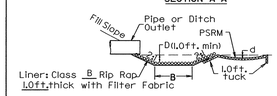
DETAIL C
PREFORMED SCOUR HOLE

PLAN VIEW



B 3.75ft.
D 1.0ft.
W 4.0ft.
d 0.5ft.

SECTION A-A



-L- STA. 16+55 LT, -L- 13+56 RT

Environmental Commitments

The North Carolina Wildlife Resources Commision (NCWRC), has prohibited any in-stream work and land disturbance activities within 25 feet (7.6 meters) of Crab Creek, associated with this project during trout spawning season of October 15 through April 15.

SEE SHEET 2B FOR TEMPORARY DETOUR

SEE SHEETS S- THRU S- FOR STRUCTURE PLANS

SEE SHEET 5 FOR -L- PROFILE

-L-
PI Sta 12+94.14
△ = 36° 36' 39.0" (RT)
D = 11° 56' 11.8"
L = 306.71'
T = 158.80'
R = 480.00'
e = 0.06
RO= See Plans