8/17/99

PROJECT REFERENCE NO.	SHEET NO.
B-5766	EC-6/CONST.4
R/W SHEET NO.	

DRMP, INC.
5808 FARINGDON PLACE
RALEIGH, NC 27609
(919) 872-5115

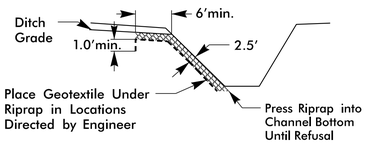
NC LICENSE NO. F-1524
www.drmp.com

Place Matting for Erosion Control on Slope as Work Allows.
Sta. 10+25 RT to Sta. 12+90 RT

Place Coir Fiber Matting for Erosion Control Beneath Bridge in Excavated Areas

UTILIZE BEST MANAGEMENT PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES RELATED TO BRIDGE CONSTRUCTION AND BRDIGE DEMOLITION. USE FLOATING TURBIDITY CURTAIN AND/OR IMPERVIOUS DIKE AS NEEDED IN LOCATIONS DIRECTED BY THE ENGINEER.

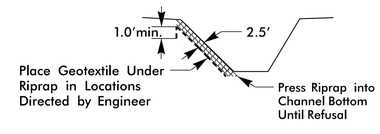
DETAIL A
RIP RAP AT EMBANKMENT
(Not to Scale)



Type of Liner = 27 TONS,CL II Rip-Rap, Keyed-In

STA -L- 12+90 RT

DETAIL B
BANK STABILIZATION
(Not to Scale)



Type of Liner = 430 TONS,CL II Rip-Rap, Keyed-In

STA. 12+90 TO 13+30 RT
STA. 13+60 TO 14+10

HYDRAULIC DATA

DESIGN DISCHARGE	= 18100 C.F.S.
FREQUENCY OF DESIGN FLOOD	= 25 YRS.
DESIGN HIGH WATER ELEVATION	= 690.1'
DRAINAGE AREA	= 269 SQ. MI.
BASE DISCHARGE (Q100)	= 24544 C.F.S.
BASE HIGH WATER ELEVATION	= 693.6'

OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE	= 72000 C.F.S.
FREQUENCY OF OVERTOPPING FLOOD	= +500 YRS.
OVERTOPPING FLOOD ELEVATION	= 705.3'*

*AT LOW POINT EAST OF BRIDGE -L- 18+30

WS EL. Taken @ River Station 406555

DANBURY HISTORIC DISTRICT BOUNDARY

NAD 83/2011

-Y- 105+00

-Y- PT Sta. 104+80.08

-Y- PCC Sta. 104+20.08

END CONSTRUCTION
END MILL & OVERLAY
-Y- STA. 103+82.63

BEGIN TIP PROJECT B-5766
-L- POT Sta. 10+00.00=
-Y- POI Sta. 102+99.58

BEGIN CONSTRUCTION
BEGIN MILL & OVERLAY
-Y- STA. 102+09.70

-Y- NC 8 & 89

BEGIN BRIDGE
-L- STA. 13+09.00

MATCHLINE -L- STA. 16+15.00
SEE PLAN SHEET EC-7

-L- SR 1674 (SHEPPARD MILL RD.)

N 81° 49' 08.2" E

6" DI (STOKES) SUSPENDED FROM BRIDGE

EXCAVATE TO ELEV. = 692'
EST. 688 CY

ARMOR BANK OF CHANNEL SEE DETAIL B

CLASS. II RIP RAP 1.5:1 KEYED IN 2' (STRUCTURES PAY ITEM)

37 SY GEOTEXTILE FABRIC SEE DETAIL A

REMOVE 34 LF OF 18" RCP

TIE EXIST. 18" RCP TO NEW SYSTEM

BM #1 ELEVATION = 696.19'
N 969981 E 1647834
BL STATION 20+58.00
N 65°53'51.7" W 106.08'
R/R SPIKE SET IN ROOT OF 40" POPLAR

BM #2 ELEVATION = 693.11'
N 969728 E 1647164
BL STATION 13+94.78 150.20' LEFT
R/R SPIKE SET IN ROOT OF 15" MAPLE

WENDI JO USELTON
DB 555 PG 1578

PARESHKUMAR N. CHAUDHARI AND SUNITABEN MOHANBAI CHAUDHARY
DB 760 PG 1183

AYUSHI 2 HOLDINGS, LLC
DB 767PG 2349

LEE ERIC CHARLEVILLE AND WIFE JANE CHARLEVILLE
DB 685 PG 900

MICHAEL RAY FULP
DB 599 PG 1266

STOKES COUNTY
DB 377 PG 1995
PB 7 PG 251

UNABLE TO OBTAIN TOP DUE TO LOCKED GATE

UNABLE TO OBTAIN INVERT DUE TO LOCKED GATE

16 x 32 x 3
1.5 inch Skimmer with 0.5 inch Orifice Diameter
4 ft. weir
ID 4.1

32 x 15 x 3
1.5 inch Skimmer with 0.5 inch Orifice Diameter
4 ft. weir
ID 4.2

-Y-

PI Sta 102+15.00
△ = 30° 05' 08.9" (LT)
D = 7° 09' 43.1"
L = 420.08'
T = 215.00'
R = 800.00'
e = EXIST.

PI Sta 104+50.22
△ = 13° 45' 03.6" (LT)
D = 22° 55' 05.9"
L = 60.00'
T = 30.14'
R = 250.00'
e = EXIST.

BANK ARMOR
EXCAVATION
PAVEMENT REMOVAL
BRIDGE APPROACH SLAB

11/7/2024
...\B5766_EC_psh04_Final.dgn
User: kforbes