PROJECT REFERENCE NO.	SHEET NO.
B-5766	EC-7/CONST.5
R/W SHEET NO.	

DRMP

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. 17+00 RT to Sta. 20+00 RT

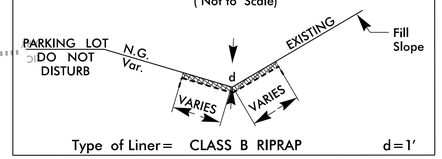
Place Coir Fiber Matting for Erosion Control Beneath Bridge in Excavated Areas

-L-

PI Sta 19+40.77
Δ = 20° 52' 35.1" (LT)
D = 4° 18' 28.6"
L = 484.60'
T = 245.02'
R = 1,330.00'
DS = 40 MPH
e = 0.06

PI Sta 23+64.02
Δ = 30° 52' 45.3" (LT)
D = 8° 36' 57.3"
L = 358.40'
T = 183.67'
R = 665.00'
DS = 40 MPH
e = 0.06

DETAIL C
RIPRAP DISSIPATOR PAD
(Not to Scale)



Type of Liner= CLASS B RIPRAP d=1'

FROM STA. -L- 18+00 LT TO STA. -L- 18+50 LT

Sta.= -L- 18+50 to 18+00 LT
Q= 7.1 cfs
V= 2.7 ft/s
d= 1.0 ft
s= 0.024 ft/ft
n= 0.05
Liner= CL B RIPRAP

NAD 83/2011

-L- 25+00

-L- 20+00

-L- PCC Sta. 21+80.36

END TIP PROJECT B-5766
-L- STA. 21+35.00

END BRIDGE
-L- STA. 16+83.00

-L- PC Sta. 16+95.76

MATCHLINE -L- STA. 16+15.00
SEE PLAN SHEET EC-6

+30.00
87.00
69.00
EX-RW

EXCAVATE TO
ELEV. =687'
EST. 577 CY

+10.00
87.00
67.00
EX-RW

30 TONS CLASS B RIPRAP
55 SY GEOTEXTILE FABRIC
SEE DETAIL C

18" RCP-IV
+50.00
68.00

+75.00
EX-RW

18" ALT

REMOVE 15" RCP

15" RCP-IV

SR 1674 (SHEPPARD MILL RD.)

TEMPORARY DRAINAGE STRUCTURE
AND TEMPORARY 12" CMP
FOR TRAFFIC CONTROL

STABILIZE EXCAVATED
FLOODPLAIN BENCH
WITH COIR FIBER
MATTING
CLASS II RIP RAP
1.5:1 KEYED IN 2'
(STRUCTURES PAY ITEM)

COUNTY OF STOKES
DB 210 PG 958

MORATOCK IRON FURNACE
HISTORIC BOUNDARY

	BANK ARMOR
	EXCAVATION
	PAVEMENT REMOVAL
	BRIDGE APPROACH SLAB

8/17/99

11/7/2024
...\B5766_EC_psh05_Final.dgn
User: kforbes