| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| Y-5500JC | EC-10/CONST-6 |
| R/W SHEET NO. | |

ROADSIDE ENVIRONMENTAL PROJECT ENGINEER

LEVEL III CERTIFIED BY:
ELENI M. RIGGS, PE
CERTIFICATION NUMBER: 3056
ISSUED: JANUARY 19, 2022

Prepared in the Office of:
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Fuquay-Varina, NC 27526
www.mottmac.com/americas

FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 6

–L– SEE PROFILE SHEET 9
–Y2– SEE PROFILE SHEET 9
FOR DITCH DETAILS SEE SHEET 2D-1

EXISTING PAVEMENT REMOVAL

PAVED SHOULDER

**END TIP PROJECT Y-5500JC**
**–L– POT Sta. 53+00.00**

–Y2–

| PI Sta 13+41.76 | PI Sta 12+40.21 | PI Sta 11+60.00 | PI Sta 10+89.22 |
|---|---|---|---|
| △ = 34° 16' 18.2" (LT) | △ = 44° 23' 17.5" (LT) | △ = 2° 42' 27.2" (LT) | △ = 56° 17' 30.5" (RT) |
| D = 88° 23' 02.7" | D = 43° 08' 17.3" | D = 5° 12' 02.6" | D = 57° 17' 44.8" |
| L = 38.78' | L = 102.90' | L = 52.06' | L = 98.25' |
| T = 19.99' | T = 54.19' | T = 26.04' | T = 53.50' |
| R = 64.83' | R = 132.82' | R = 1,101.69' | R = 100.00' |
| SE = 0.04 | SE = 0.04 | SE = 0.04 | SE = 0.04 |
| RO = 92' | RO = 92' | RO = 92' | RO = 92' |
| TR = 56' | TR = 56' | TR = 56' | TR = 56' |

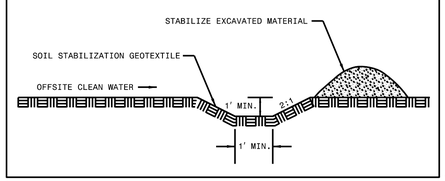
–L–

PI Sta 47+05.85
△ = 76° 07' 05.2" (LT)
D = 10° 25' 02.7"
L = 730.68'
T = 430.62'
R = 550.00'
SE = 0.04
RO = 72'
TR = 36'

## CLEAN WATER DIVERSION

→→ CWD →→ CWD →→ CWD →→ CWD →→

(Not to Scale)




Slopes should be stage seeded to minimize exposure at Jusisdictional Stream.

Install fabric inserts on the curb inlets along the edge of the travel lane at the same time as the rock inlet sediment traps are added to catch excess sediment.

66 x 33 x 3
1.5 inch Skimmer
with 1.250 inch
Orifice Diameter
8 ft. weir
ID 06.02

56 x 27 x 3
1.5 inch Skimmer
with 1.125 inch
Orifice Diameter
6 ft. weir
ID 06.01

Install silt fence along top of toe protection once toe protection is installed.

NAD 83/2011

MATCHLINE SEE SHEET 5
–L– STA. 39+00.00

–L– PT Sta. 50+05.91
–Y2– PC Sta. 10+35.72
–L– POC Sta. 47+00.00 =
–Y2– POT Sta. 10+00.00
–L– PC Sta. 42+75.22
–Y2– PRC Sta. 11+33.97
–Y2– PCC Sta. 11+86.03
–Y2– POT Sta. 12+74.75 =
–Y4– POT Sta. 25+59.63
–Y2– PT Sta. 12+88.92
–Y2– PC Sta. 13+21.77
–Y2– POT Sta. 13+66.79 =
–Y3– POT Sta. 23+60.24
–Y2– PT Sta. 13+60.55

END CONSTRUCTION
–Y2– POT Sta. 11+40.00

PERMIT SITE #3

DAVIE GENE MCCLAIN
DB 1581 PG 657

SHERRY FRANCES MCCLAIN
DB W18E PG 122

WSLD MILLBRIDGE VILLC
DB 5377 PG 23

WSLD MILLBRIDGE VILLC
DB 6359 PG 535

MICHAEL J. SCHULTZ &
TERESA C. SCHULTZ
DB 4788 PG 116

SEABOARD COAST LINE RAILROAD CO & CSX REAL ESTATE PROPERTY
DB 291 PG 349

CLASS II RIP RAP
EST. 94 TONS
123 SY GEOTEXTILE
(ON BANKS ONLY)

TOE PROTECTION
W/CL B RIPRAP
SEE DETAIL J
EST 40 TONS
EST 100 SY GEOTEXTILE

TOE PROTECTION
W/CL B RIPRAP
SEE DETAIL J
EST 105 TONS
EST 265 SY GEOTEXTILE

PROPOSED HANDRAIL

PROPOSED GUARDRAIL

SPECIAL CUT DITCH
SEE DETAIL B

END C&G
+24.96 LT

END SIDEWALK
+00 LT

5' CONC. SIDEWALK

S 27° 45' 48.4" E
-L-

S 27° 10' 55.1" W
S 70° 05' 23.1" E
-Y4-

N 76° 07' 06.3" E
N 82° 58' 47.2" E
-Y4-
N 82° 54' 36.8" E
-Y3-

10
11
12

8/17/99

1/19/2022
MSLF-9300-Erosion Control\LF-14288_ec_psht10.dgn
MSLF-9300-MHD