PROJECT REFERENCE NO.	SHEET NO.
Y-5500JC	EC-9/CONST-5
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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FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 5

-L- SEE PROFILE SHEETS 8 & 9
FOR DITCH DETAILS SEE SHEET 2D-1
FOR HANDRAIL DETAILS SEE SHEET 2C-2

PAVED SHOULDER
BEG. HANDRAIL -L- STA. 24+50.00 LT
END HANDRAIL -L- STA. 37+00.00 LT

-L-
PI Sta 37+10.86
Δ = 128° 07' 03.2" (RT)
D = 7° 38' 22.0"
L = 1,677.05'
T = 1,541.74'
R = 750.00'
SE = 0.04
RO = 72'
TR = 36'

NAD 83/2011

Install silt fence along the top of the 2' base ditch once stabilized with riprap with special sediment control fence at the slope drain outlet.

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

50 x 25 x 3
1.5 inch Skimmer
with 1.0 inch
Orifice Diameter
5 ft. weir
ID 05.01

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.

PERMIT SITE #1

TAIL DITCH
2' BASE w/CL II RIP RAP
25 LF @ 10%
EST 35 CY DDE
EST 54 TONS
EST 73 SY GEOTEXTILE
SEE DITCH DETAIL H

LATERAL 2' BASE DITCH
W/CLASS B RIP RAP
SEE DETAIL M
EST 76 TONS
EST 115 SY GEOTEXTILE
EST 25 CY DDE

CLASS I RIP RAP
EST. 17 TONS
30 SY GEOTEXTILE

CLASS B RIP RAP
EST. 3 TONS
10 SY GEOTEXTILE

SPECIAL LATERAL 'V' DITCH
SEE DETAIL A

SPECIAL CUT DITCH
SEE DETAIL B

SPECIAL CUT DITCH
W/CLASS B RIP RAP
SEE DETAIL F
EST 42 TONS, 55 SY GEOTEXTILE

SPECIAL CUT DITCH
SEE DETAIL B

HEAD DITCH
2' BASE w/CL I RIP RAP
30 LF @ 13%, EST 8 CY DDE,
EST 14 TONS, EST 30 SY GEOTEXTILE
SEE DITCH DETAIL H

SPECIAL LATERAL 'V' DITCH
SEE DETAIL A

SPECIAL LATERAL 'V' DITCH
SEE DETAIL A

SPECIAL LATERAL 2' BASE DITCH
W/CLASS I RIP RAP
SEE DETAIL D
EST 60 TONS
EST 70 SY GEOTEXTILE

STD BERM 2' BASE DITCH
W/TOP OF BERM EL=591.0
SEE DETAIL L

SPECIAL CUT BASE DITCH
W/CLASS I RIP RAP
SEE DETAIL G
EST 80 TONS
EST 90 SY GEOTEXTILE

TYPICAL 2' BASE DITCH W/PSRM
SEE DETAIL AA
EST 70 SY

LATERAL 2' BASE DITCH
W/CLASS B RIP RAP
SEE DETAIL M
EST 35 TONS
EST 70 SY GEOTEXTILE
EST 180 CY DDE

LATERAL 2' BASE DITCH
W/CLASS B RIP RAP
SEE DETAIL M
EST 55 TONS
EST 110 SY GEOTEXTILE

CLASS B RIP RAP
EST 2 TONS
7 SY GEOTEXTILE

LATERAL 2' BASE DITCH
SEE DETAIL N
EST 140 CY DDE

HEAD DITCH
2' BASE w/CL I RIP RAP
40 LF @ 14.5%
EST 10 CY DDE
EST 17 TONS
EST 35 SY GEOTEXTILE
SEE DITCH DETAIL H

LATERAL 2' BASE DITCH
W/CLASS I RIP RAP
SEE DETAIL M
EST 120 TONS
EST 135 SY GEOTEXTILE
EST 410 CY DDE

LATERAL 2' BASE DITCH
W/CLASS B RIP RAP
SEE DETAIL M
EST 45 TONS
EST 90 SY GEOTEXTILE
EST 2390 CY DDE

CLASS II RIP RAP
EST. 25 TONS
38 SY GEOTEXTILE

PERMIT SITE #2

TOE PROTECTION W/
CL B RIPRAP
SEE DETAIL J
EST 36 TONS
EST 90 SY GEOTEXTILE

SPECIAL CUT DITCH
SEE DETAIL B

IMPERVIOUS DIKE

TEMP. 18" PIPE FOR IMPERVIOUS DIKE

PROPOSED HANDRAIL

PROPOSED GUARDRAIL

WSLD MILLBRIDGE VILLC
DB 7172 PG 304
MB O PG 637

LENNAR CAROLINAS LLC
NO DEED LISTED
MB O PG 637

WSLD MILLBRIDGE VILLC
DB 5377 PG 23
MB O PG 637

WILLIAM J. RUSCIOLE
DEBORAH H. RUSCIOLE
DB 3383 PG 702

JAMES W. WOOD &
JUDITH H. WOOD
DB 396 PG 863

ALBERT THOMAS HELMS &
CYNTHIA S. HELMS
DB 6476 PG 204

JOSEPH D. SELLS
NO DEED LISTED
MB B PG 7-B

-L- PC Sta. 21+69.11

-L- PT Sta. 38+46.17

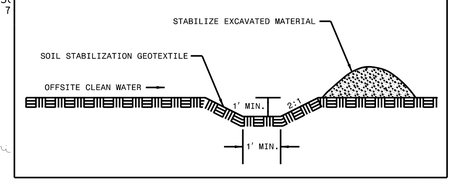
MATCHLINE SEE SHEET 4
-L- STA. 21+50.00

MATCHLINE SEE SHEET 6
-L- STA. 39+00.00

CLEAN WATER DIVERSION

→→ CWD →→ CWD →→ CWD →→ CWD →→

(Not to Scale)



8/17/99

K/9/2022
Erosion Control\F-14288_ec_psh09.dgn