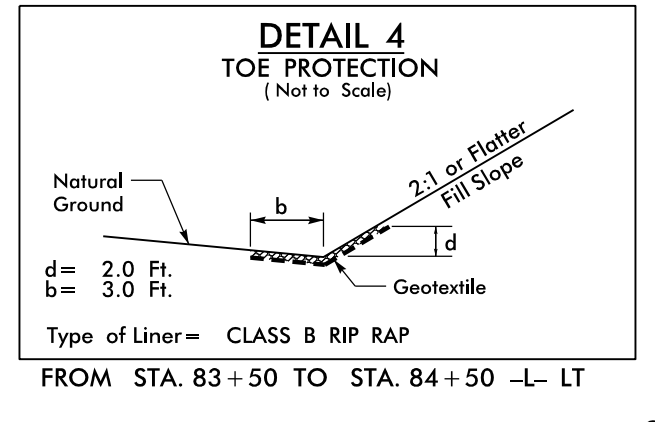
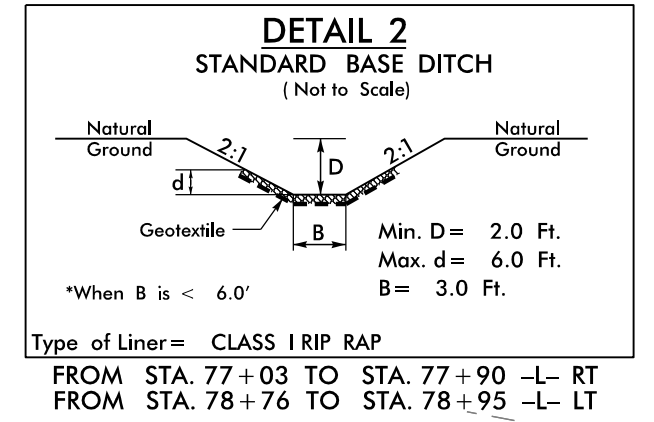


PROJECT REFERENCE NO.	SHEET NO.
U-4405A	EC-24/CONST.09
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

Place Matting for Erosion Control on Slopes Adjacent to Permitted Wetlands as Work Allows.

-Y5-
 PI Sta 15+94.46
 $\Delta = 34' 10" 44.0"$ (RT)
 $D = 10' 44" 58.8"$
 $L = 317.95'$
 $R = 163.86'$
 $T = 533.00'$



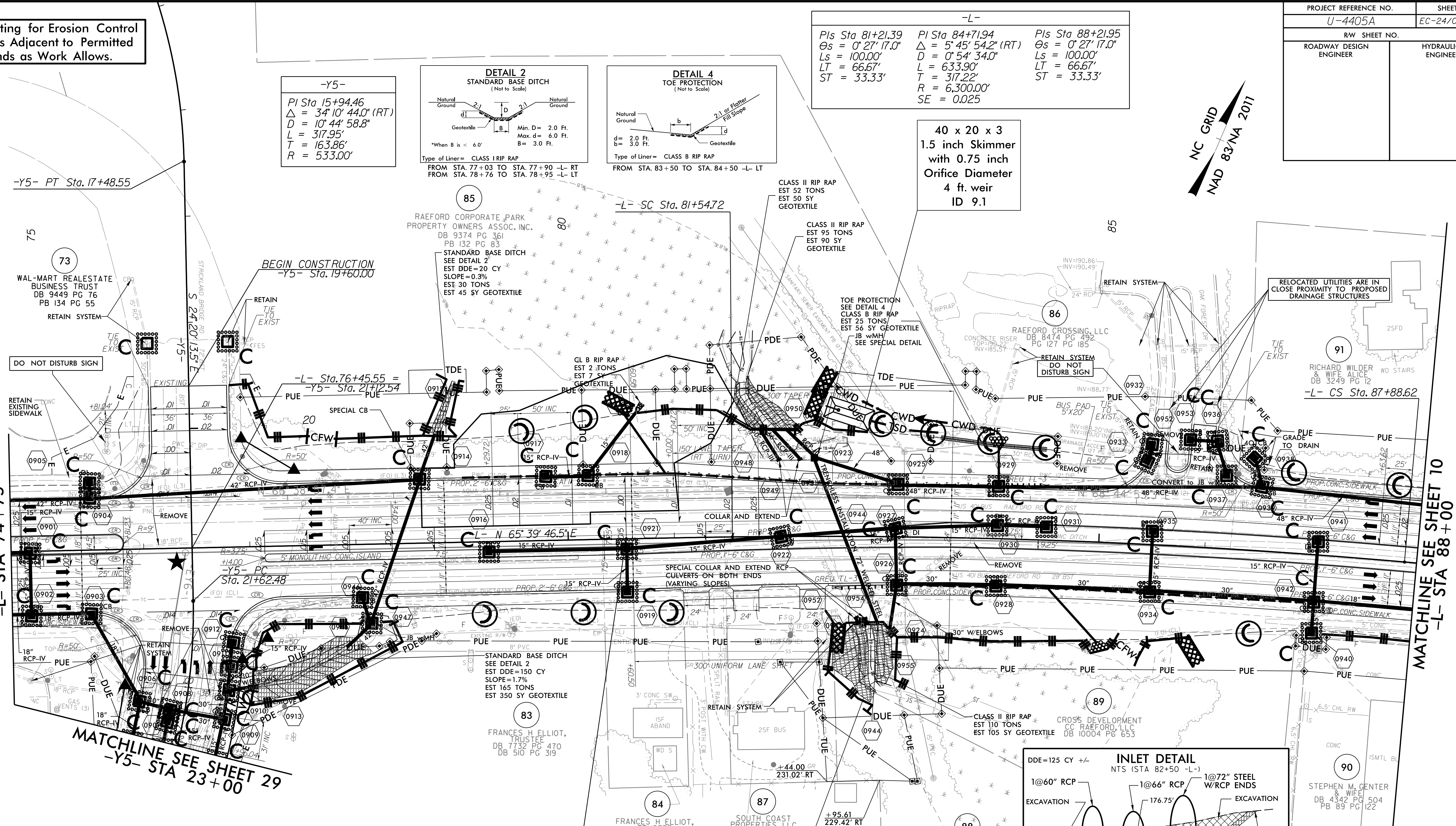
-L-
 PIs Sta 81+21.39
 $\Theta_s = 0' 27" 17.0"$
 $L_s = 100.00'$
 $LT = 66.67'$
 $ST = 33.33'$
 PI Sta 84+71.94
 $\Delta = 5' 45" 54.2"$ (RT)
 $D = 0' 54" 34.0"$
 $L = 633.90'$
 $T = 317.22'$
 $R = 6,300.00'$
 $SE = 0.025$
 PIs Sta 88+21.95
 $\Theta_s = 0' 27" 17.0"$
 $L_s = 100.00'$
 $LT = 66.67'$
 $ST = 33.33'$

40 x 20 x 3
 1.5 inch Skimmer
 with 0.75 inch
 Orifice Diameter
 4 ft. weir
 ID 9.1

NC GRID
 NAD 83/NA 2011

MATCHLINE SEE SHEET 8
-L- STA 74+75

MATCHLINE SEE SHEET 10
-L- STA 88+00

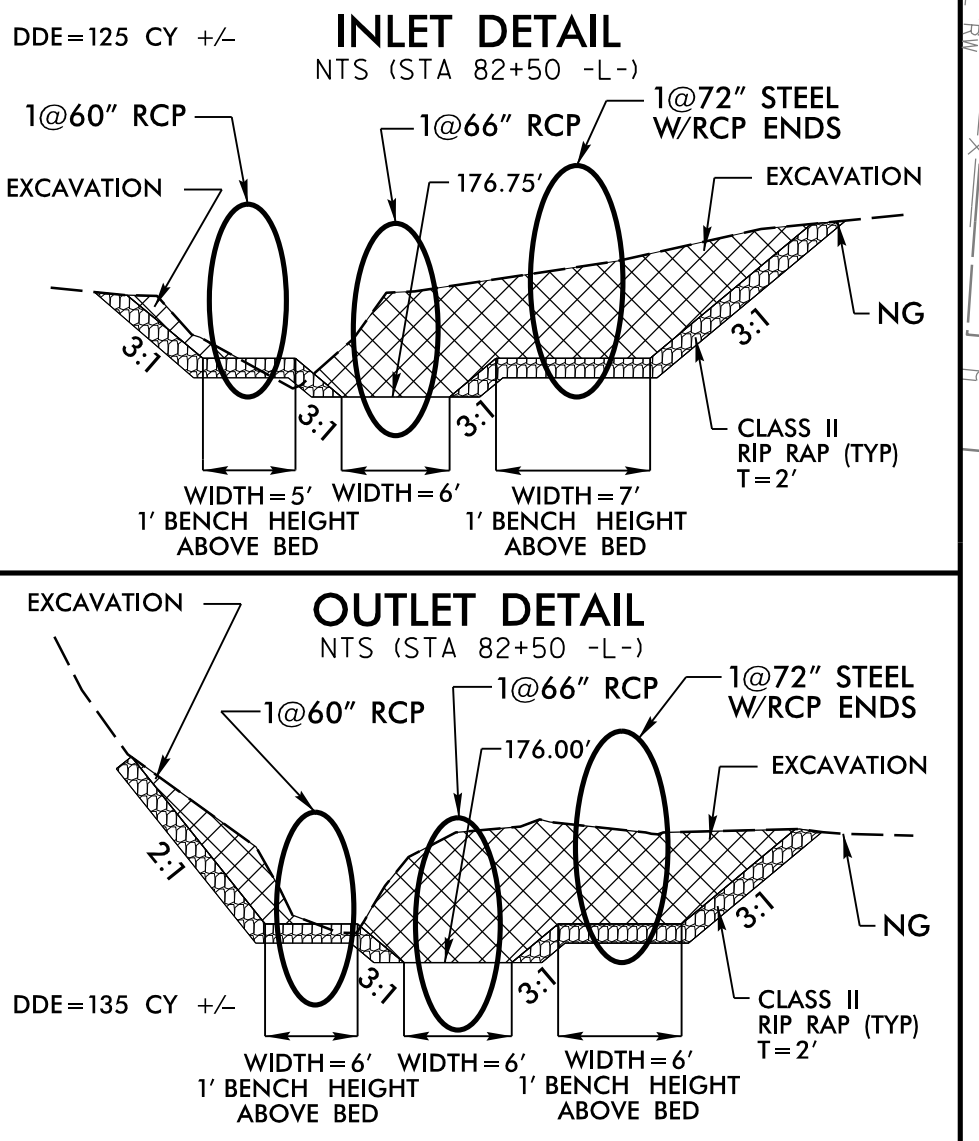
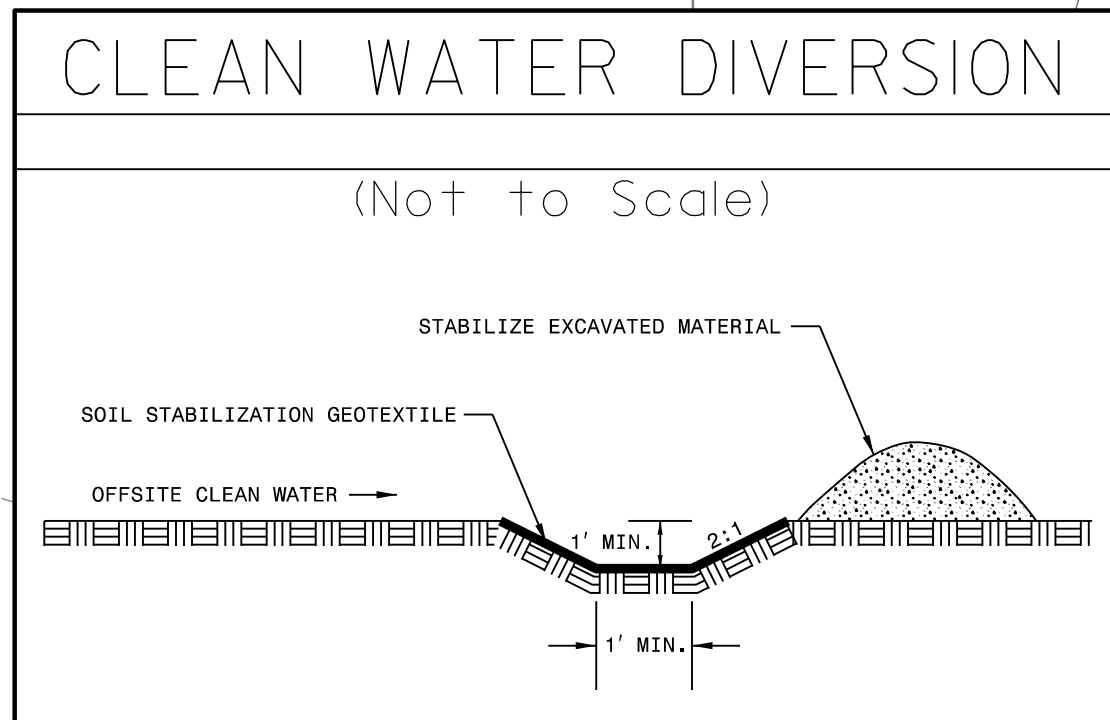


NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED.

INSTALL FABRIC INSERT INLET PROTECTION DEVICE IN LIEU OF ROCK INLET SEDIMENT TRAP TYPE 'C' AS DIRECTED TO AVOID PONDING OF RUNOFF IN ROADWAY OPEN TO PUBLIC TRAFFIC

-Y5-
 PI Sta 22+82.12
 $\Delta = 25' 18" 13.3"$ (RT)
 $D = 10' 44" 58.8"$
 $L = 235.39'$
 $T = 119.65'$
 $R = 533.00'$
 $SE = 0.02$



NOTE: SEE SHEET 35 FOR -L- PROFILE
 SEE SHEET 46 FOR -Y5- PROFILE

★ PROPOSED SIGNAL
 ▬ PROP CONC SIDEWALK

** A DESIGN EXCEPTION FOR LANE WIDTH IS REQUIRED FOR -L- STA. 38+95.00 TO -L- 319+95.00

REVISIONS

7/6/2021 U:\4405\REV\EC_psh_09_Final.dgn 8/17/19