PROJECT REFERENCE NO.	SHEET NO.
U-2707	EC-14/CONST.04
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

INSTALL MATTING FOR EROSION CONTROL IN ALL PROPOSED DITCH LINES.

Place Matting for Erosion Control on Slope as Work Allows.
Sta. 19+00 to Sta. 19+50 –L– RT
Sta. 21+00 to Sta. 21+50 –L– RT
Sta. 15+00 to Sta. 16+00 –Y– LT
Sta. 15+50 to Sta. 16+35 –Y– RT

-L-

PI Sta 13+25.43
Δ = 16° 26' 34.70" (LT)
D = 4° 46' 28.73"
L = 344.38'
T = 173.38'
R = 1,200.00'
SE = 0.06

PIs Sta 15+46.45
θs = 3° 34' 51.6"
Ls = 150.00'
LT = 100.02'
ST = 50.02'

PIs Sta 17+46.47
θs = 5° 08' 46.8"
Ls = 150.00'
LT = 100.04'
ST = 50.04'

PI Sta 18+97.07
Δ = 13° 44' 42.1" (RT)
D = 6° 51' 42.4"
L = 200.31'
T = 100.64'
R = 835.00'
SE = 0.06

PI Sta 24+47.09
Δ = 15° 07' 44.9" (LT)
D = 3° 49' 11.0"
L = 396.08'
T = 199.20'
R = 1,500.00'
SE = 0.06

-Y-

PI Sta 15+84.89
Δ = 19° 45' 58.9" (LT)
D = 3° 57' 05.2"
L = 500.23'
T = 252.63'
R = 1,450.00'
SE = 0.03

-Y2- STA. 9+80 TO 11+00 LT

DETAIL 4C
DITCH CLEAN OUT
(Not to Scale)

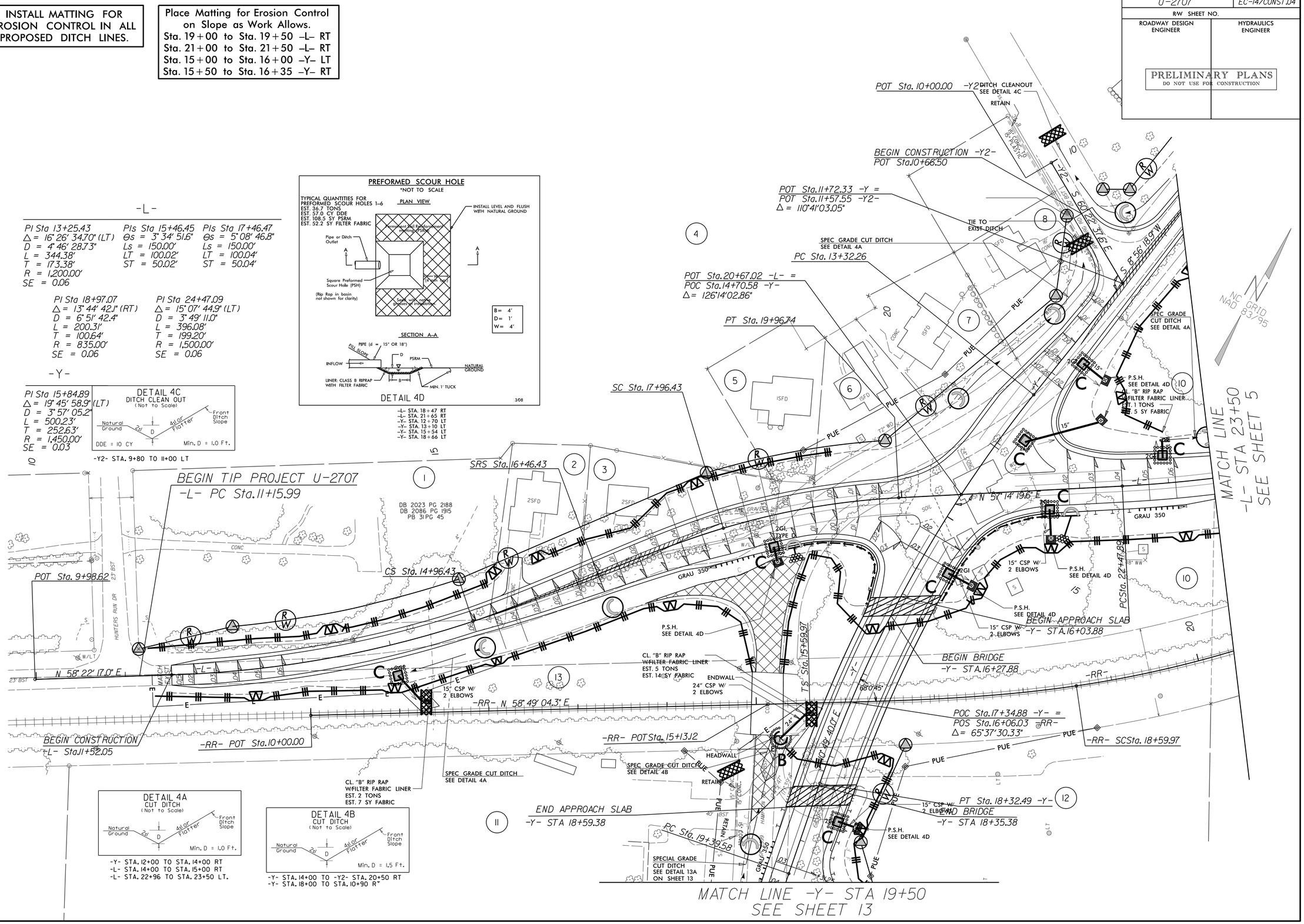
DDE = 10 CY
Min. D = 1.0 Ft.

PREFORMED SCOUR HOLE
*NOT TO SCALE

TYPICAL QUANTITIES FOR PREFORMED SCOUR HOLES 1–6
EST. 36.7 TONS
EST. 57.0 CY DDE
EST. 108.5 SY PSRM
EST. 52.2 SY FILTER FABRIC

DETAIL 4D
308

-L- STA. 18+47 RT
-L- STA. 21+65 RT
-Y- STA. 12+70 LT
-Y- STA. 13+10 LT
-Y- STA. 15+54 LT
-Y- STA. 18+66 LT



DETAIL 4A
CUT DITCH
(Not to Scale)

Min. D = 1.0 Ft.

-Y- STA. 12+00 TO STA. 14+00 RT
-L- STA. 14+00 TO STA. 15+00 RT
-L- STA. 22+96 TO STA. 23+50 LT.

DETAIL 4B
CUT DITCH
(Not to Scale)

Min. D = 1.5 Ft.

-Y- STA. 14+00 TO -Y2- STA. 20+50 RT
-Y- STA. 18+00 TO STA. 10+90 RT