

PROJECT REFERENCE NO. U-5827	SHEET NO. 4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER 	HYDRAULICS ENGINEER

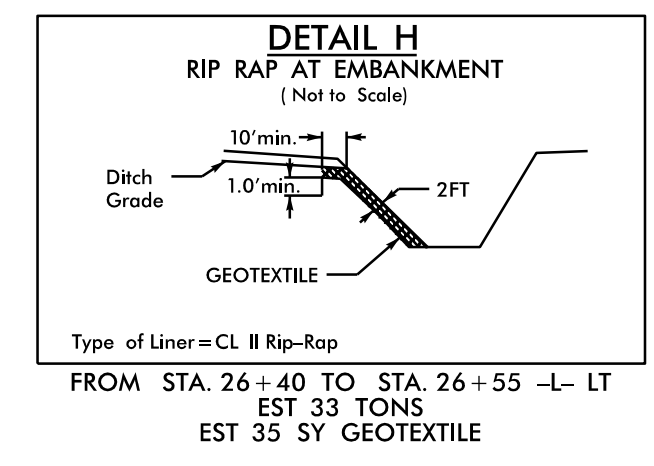
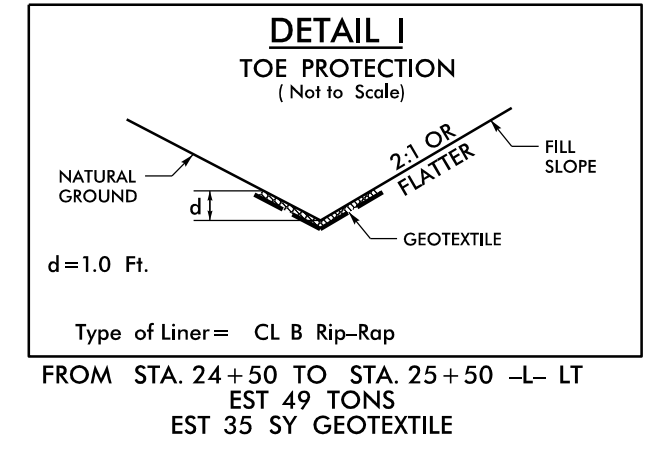
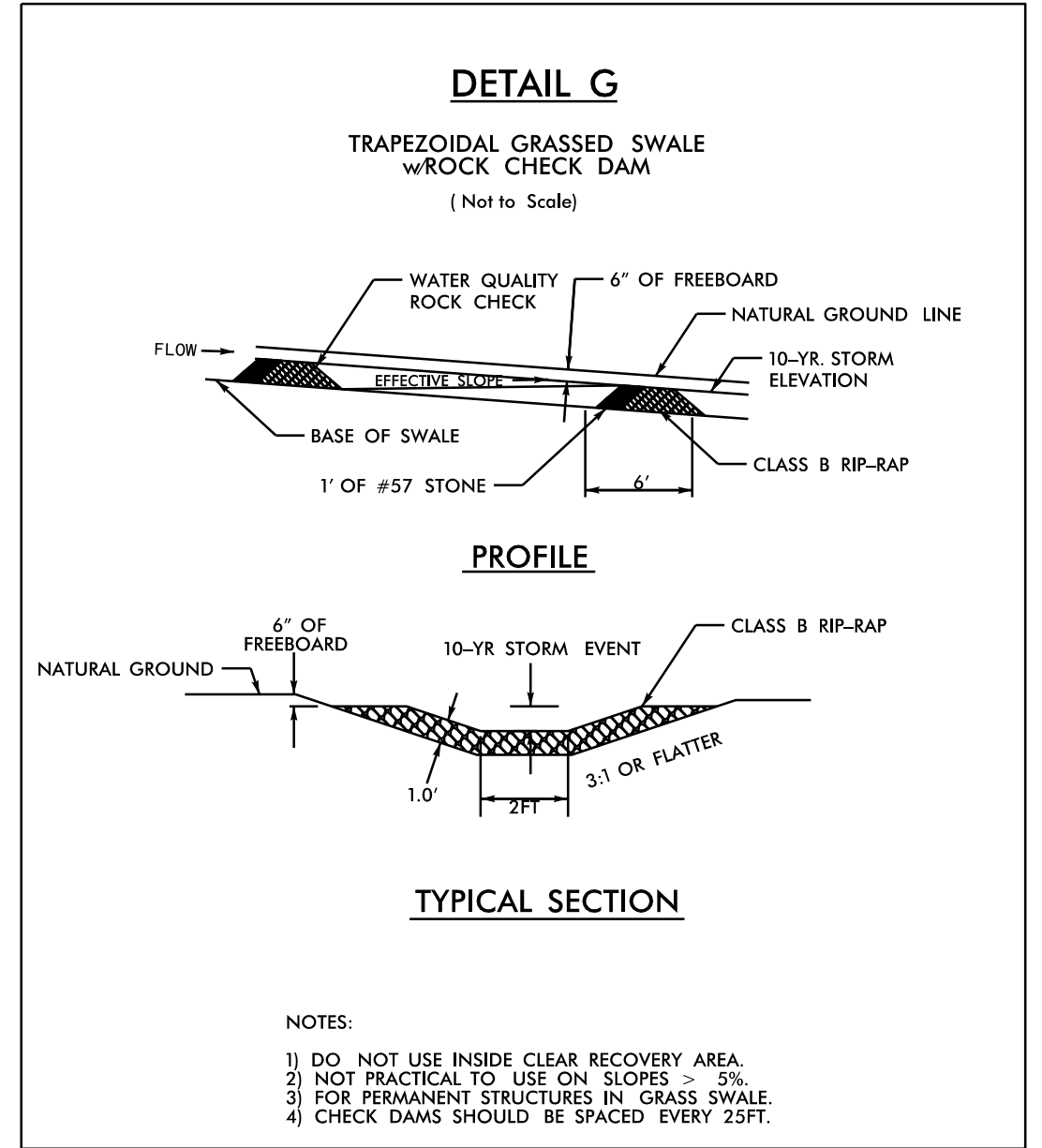
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-L-
 PI Sta 20+95.82 Δ = 23°17'59.4" (RT)
 D = 1'30'00.0" L = 1553.32'
 T = 787.54' R = 3,819.72'
 e = exist.

-YI-
 PI Sta 28+97.60 Δs = 0°48'36.0"
 Ls = 108.00' LT = 72.00'
 ST = 36.00' Runoff = 144

-YI-
 PI Sta 10+95.45 Δ = 2°51'46.3" (LT)
 D = 1'30'00.0" L = 190.86'
 T = 95.45' R = 3,819.72'



CULVERT #1
TWO BARRELS

	NORTH	EAST	ELEV.
CUL1	763102.49	2035787.26	260.57
CUL2	763093.77	2035793.49	260.56
CUL3	763092.98	2035793.91	261.56
CUL4	763084.23	2035800.76	261.55
CE1	763100.05	2035789.09	267.56
HW1	763068.18	2035658.56	269.40
CUL5	763072.33	2035655.70	260.19
CUL6	763063.51	2035661.91	260.19
CUL7	763062.80	2035662.43	261.19
CUL8	763054.08	2035668.80	261.17
CE2	763059.87	2035664.89	267.18
HW2	763059.83	2035664.67	269.39

FROM STA. 26+65 TO STA. 27+50 -L- LT (3 CHECK DAMS)
 FROM STA. 28+00 TO STA. 28+50 -L- LT (2 CHECK DAMS)
 EST 117 TON CLASS B RIP RAP per EACH
 EST 0.33 TON #57 STONE per EACH

BEGIN TIP PROJECT U-5827
 -L- STA. 22+51.43

-L- POC STA. 22+06.21 =
 -YI- POT STA. 12+54.33

BEGIN CONSTRUCTION
 -L- STA. 21+53.00

-YI- STA. 13+67.90
 BEGIN FUTURE CONSTRUCTION

-YI- POT STA. 15+54.33

SEE DETAIL F
 BASE GRASSED SWALE
 STA 26+65 - 27+50 -L- LT
 SLOPE=0.47%
 DDE=75 CY

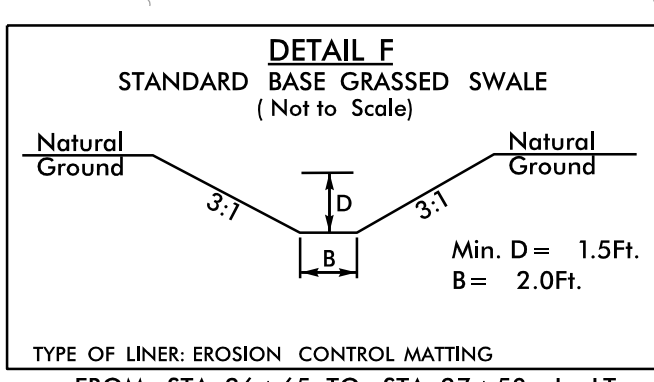
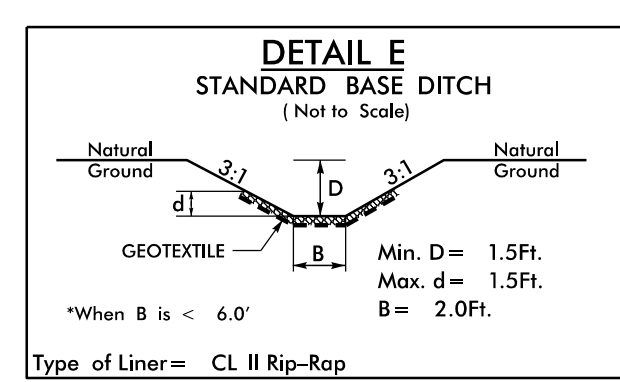
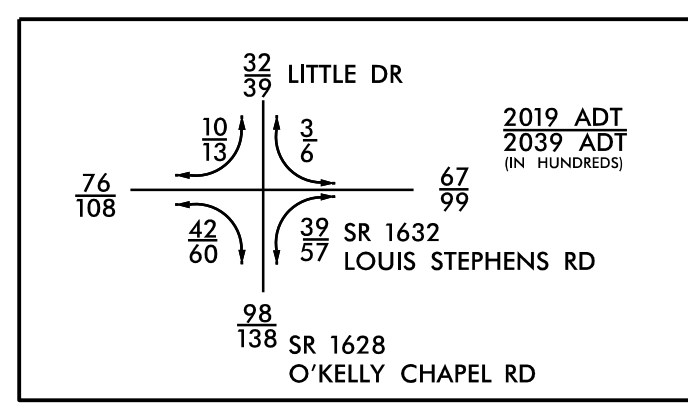
SEE DETAIL E
 2FT STD BASE DITCH
 W/CL II RIP RAP
 STA 26+55 - 26+65 -L- LT

SEE DETAIL H
 CL II RIP RAP AT EMBANKMENT
 STA 26+40 - 26+55 -L- LT

REMOVE & RESET
 EX GUARDRAIL
 TO FACE OF CURB
 -L- STA. 26+02
 TO STA. 29+78

EXTEND BACK SLOPE OF
 DITCH TO TIE TO FILL
 SLOPE TO ACT AS FALSE SUMP

SEE DETAIL F
 BASE GRASSED SWALE
 STA 28+00 - 28+50 -L- LT
 SLOPE=2.28%
 DDE=55 CY



FOR -L- PROFILE VIEW, SEE SHEET 9

REVISIONS

7/16/2019
 U:\Projects\U5827_Rd\psh04.dgn
 psh04