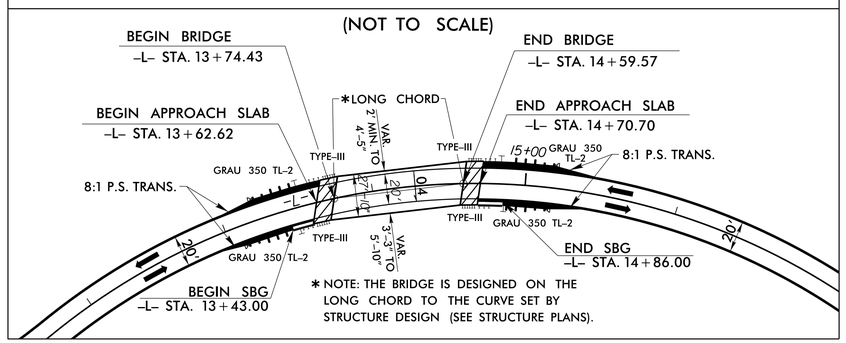
PROJECT REFERENCE NO.	SHEET NO.
B-5151	EC-4/CONST.4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SKETCH SHOWING PAVEMENT/BRIDGE RELATIONSHIP

(NOT TO SCALE)



NAD 83/NSRS 2007

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 4

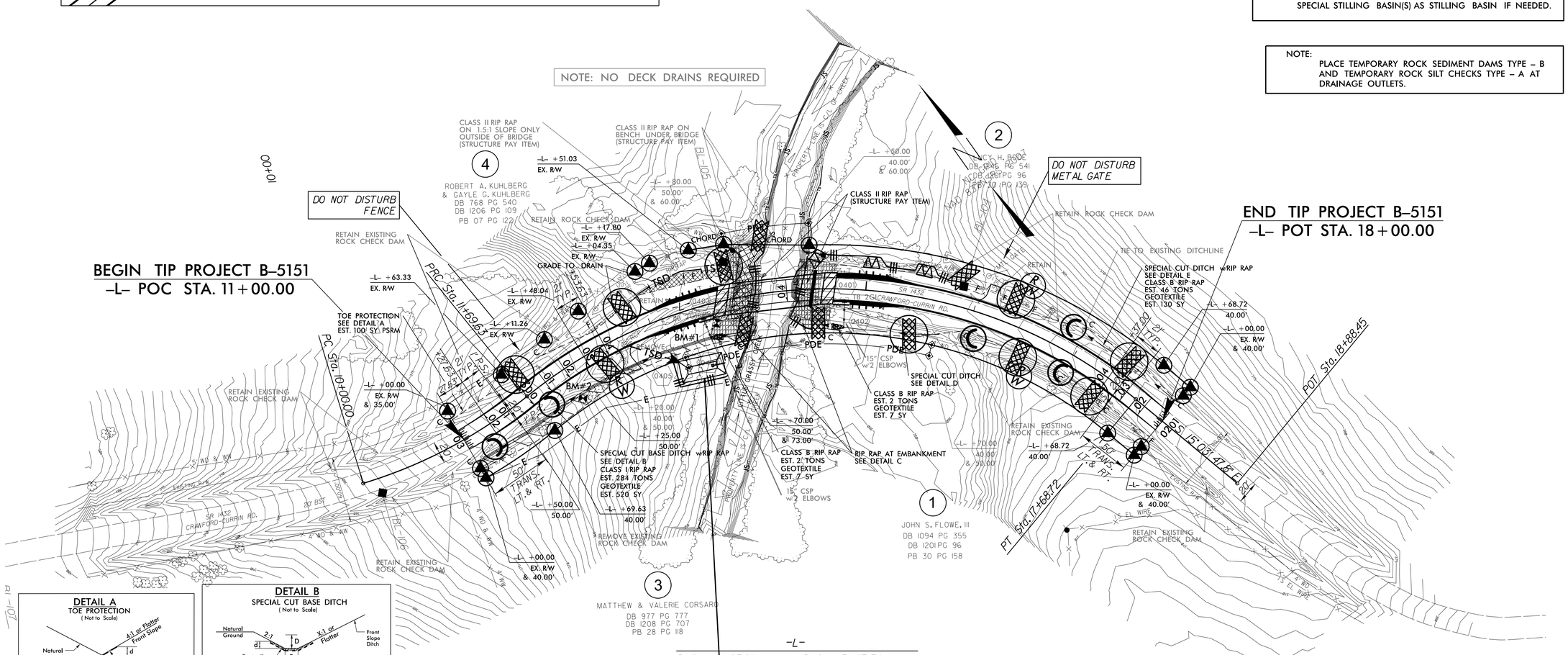
NOTE:
INSTALL AND UTILIZE TEMPORARY SEDIMENT BASIN OR SPECIAL STILLING BASIN(S) AS STILLING BASIN IF NEEDED.

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

NOTE: NO DECK DRAINS REQUIRED

BEGIN TIP PROJECT B-5151
-L- POC STA. 11+00.00

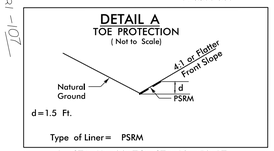
END TIP PROJECT B-5151
-L- POT STA. 18+00.00



-L-	
PI Sta 10+85.90	PI Sta 15+27.30
△ = 22°17' 20.9" (LT)	△ = 78°43' 37.0" (RT)
D = 13°08' 22.8"	D = 13°08' 28.4"
L = 169.63'	L = 599.08'
T = 85.90'	T = 357.67'
R = 436.05'	R = 436.00'
	SE = 0.04
	RO = 84'

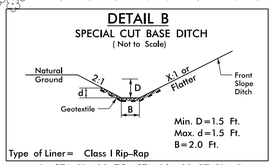
42 x 20 x 3
1.5 inch Skimmer
with 0.75 inch
Orifice Diameter
6 ft. weir
ID 4.1

DETAIL A
TOE PROTECTION
(Not to Scale)



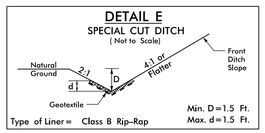
d=1.5 Ft.
Type of Liner= PSRM
-L- STA. 11+00 TO STA. 12+50 LT

DETAIL B
SPECIAL CUT BASE DITCH
(Not to Scale)



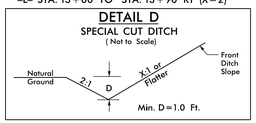
Min. D=1.5 Ft.
Max. d=1.5 Ft.
B=2.0 Ft.
Type of Liner= Class I Rip-Rap
-L- STA. 11+00 TO STA. 13+00 RT (X=4)
-L- STA. 13+00 TO STA. 13+90 RT (X=2)

DETAIL E
SPECIAL CUT DITCH
(Not to Scale)



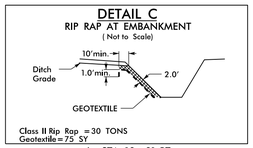
Min. D=1.5 Ft.
Max. d=1.5 Ft.
Type of Liner= Class B Rip-Rap
-L- STA. 17+00 TO STA. 18+00 LT

DETAIL D
SPECIAL CUT DITCH
(Not to Scale)



Min. D=1.0 Ft.
-L- STA. 14+50 TO STA. 15+00 RT (X=2)
-L- STA. 15+00 TO STA. 15+75 RT (X=4)

DETAIL C
RIP RAP AT EMBANKMENT
(Not to Scale)



Class II Rip Rap =30 TONS
Geotextile = 75 SY
-L- STA. 13+91 RT
-L- STA. 14+30 RT

REVISIONS

8/17/99

03-NOV-2014 11:39
R:\Environmental\Hydraulics\Projects\B-5151_EC_psh.dgn
PLANSHEET