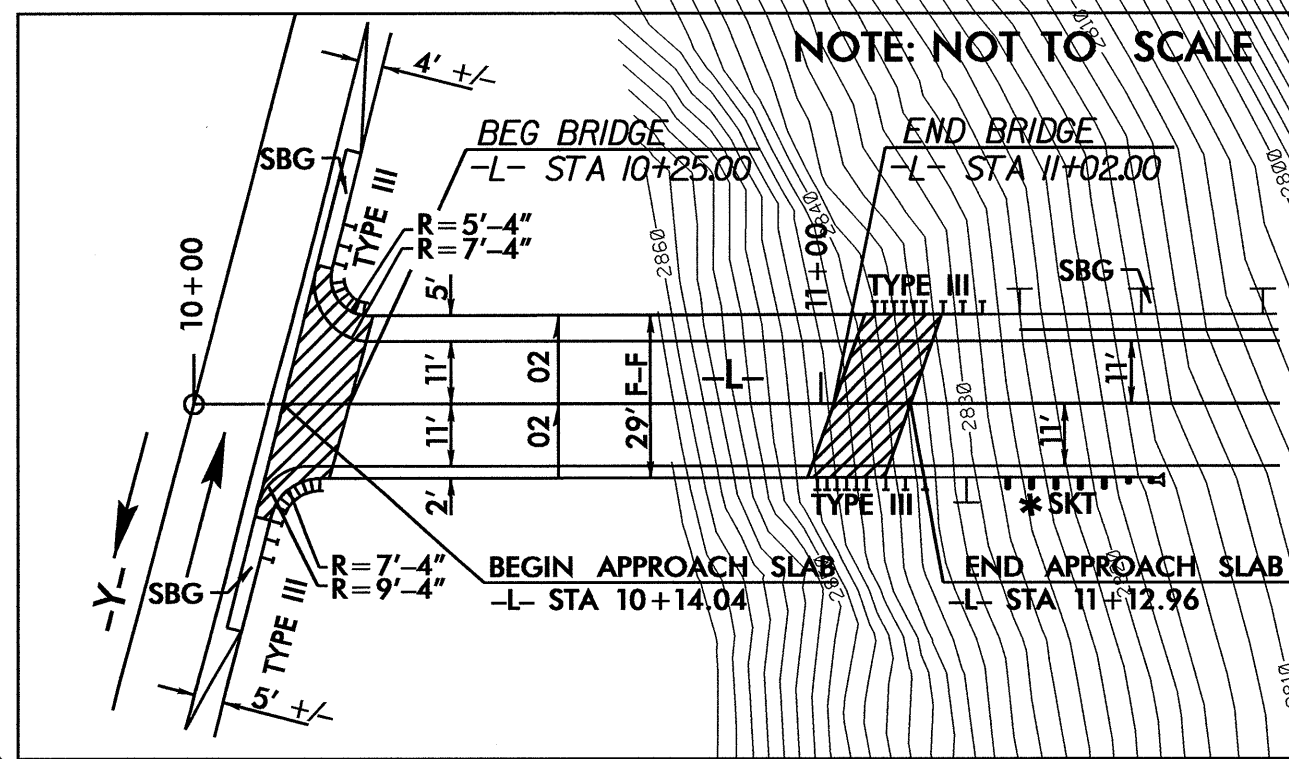


PROJECT REFERENCE NO.	SHEET NO.
B-3805	EC-4/CONST.4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



SKETCH OF BRIDGE IN RELATION TO PAVEMENT WIDTH OVER BUFFALO CREEK

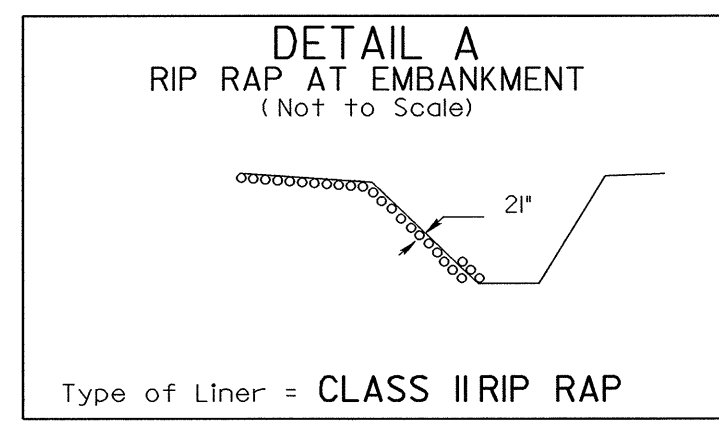
* THIS PRODUCT IS MANUFACTURED BY ROAD SYSTEMS, INC. OF BIG SPRING, TX (919) 263-2435 AND HAS BEEN APPROVED FOR PROPRIETARY USE.

NOTE: UTILIZE TEMPORARY ROCK SEDIMENT DAM TYPE - B AND/OR TEMPORARY ROCK SILT CHECK TYPE - A AS STILLING BASIN WHERE APPLICABLE.

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

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 4

ENVIRONMENTALLY SENSITIVE AREA SEE PROJECT SPECIAL PROVISIONS



Type of Liner = CLASS II RIP RAP

BEGIN TIP PROJECT B-3805

-L- STA 10+12.11

CLARENCE D HART
JAMES D BOLICK

- BL-1 5+00.00 POT WOODS
- L- STA 10+06.574
OFFSET = 66.762
- BY- 8+36.02 POT
- TI- 10+5+00.00 POT
ELEV=2707.38
REBAR AND CAP SET
- REMOVE EXIST PAVEMENT ONLY
- RETAIN BRIDGE ABUTMENT
- Y- STA 17+66.00
- BEGIN GUARDRAIL & BEGIN REMOVAL OF EXISTING GUARDRAIL
- Y- STA 17+15.00
- BEGIN RESURFACING
- BL-105 6+12.60 PINC
- L- STA 11+18.69
OFFSET = 56.32
- DRV- STA 10+65.01
OFFSET = 20.84

- BEGIN APPR SLAB
- L- Sta. 10+14.04
- L- POT Sta. 10+00.00
- Y- POT Sta. 18+80.06
- Y- +14.87
- 55' LT
- END SBC
- Y- STA. 18+45.35 RT
- Y- PT Sta. 18+02.85
- Y- +44.73
- END SBC
- Y- STA. 19+70' LT
- Y- STA. 18+45.35 RT
- Y- PT Sta. 18+02.85

25 x 10 x 3
6' weir

16 x 8 x 3
4' weir

12 x 6 x 3
4' weir

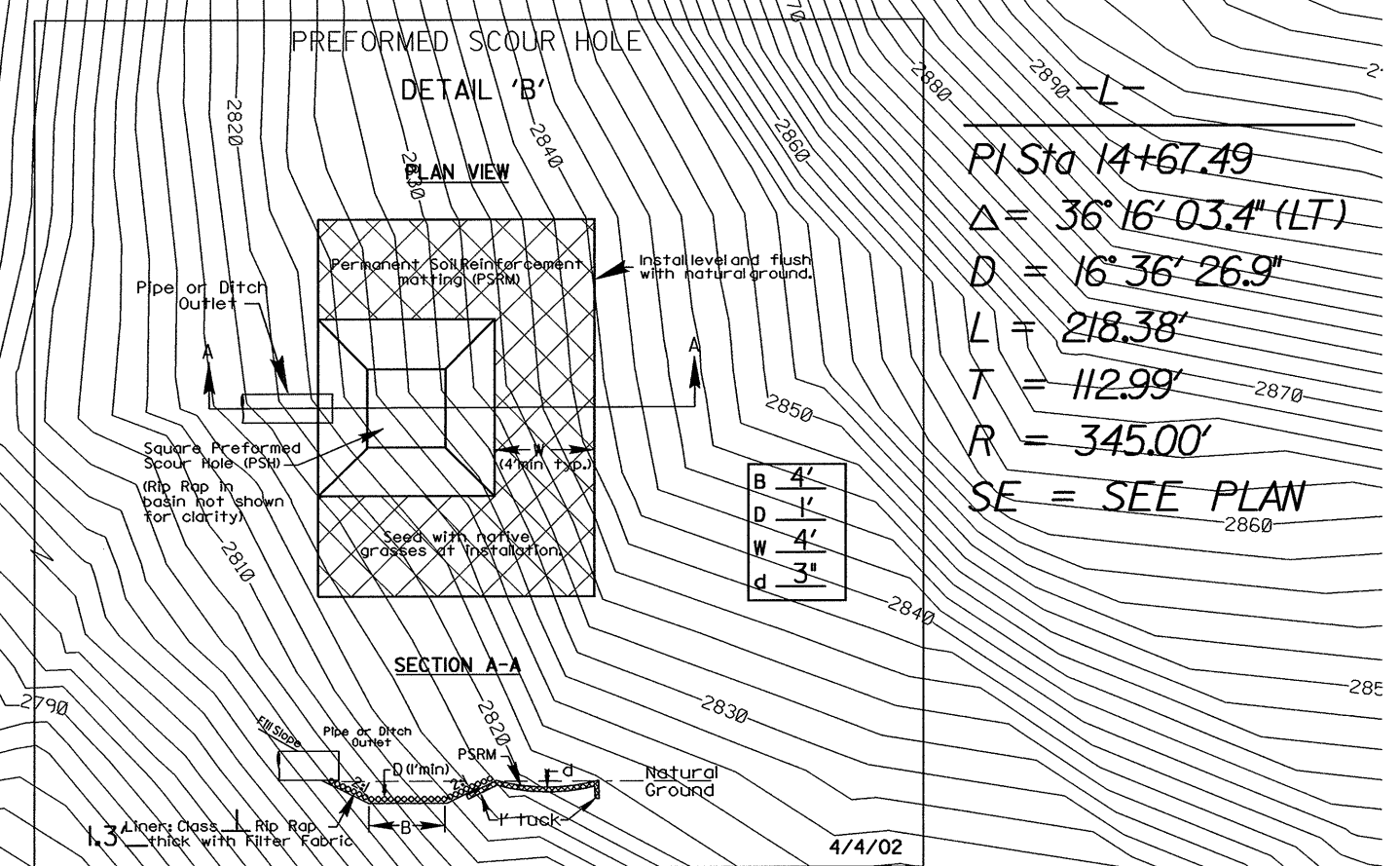
12 x 6 x 3
6' weir

TO DEAD END

END TIP PROJECT B-3805

-L- STA 13+50.00

NOTES: A DESIGN EXCEPTION WILL BE REQUIRED FOR CREST VERTICAL CURVE K (21), SAG VERTICAL CURVE K (16) AND VERTICAL STOPPING SIGHT DISTANCE (110'). THE ENGINEER ON SITE WILL BE REQUIRED TO TRANSITION SUPER FROM EXISTING -Y- EOP RT TO RC ON THE BRIDGE.



- PI Sta 13+91.62
- $\Delta = 20' 18' 57.7" (LT)$
- $D = 16' 19' 13.2"$
- $L = 124.48'$
- $T = 62.90'$
- $R = 351.07'$
- SE = EXIST
- PI Sta 16+96.87
- $\Delta = 80' 14' 41.7" (RT)$
- $D = 30' 09' 20.4"$
- $L = 266.10'$
- $T = 160.12'$
- $R = 190.00'$
- SE = EXIST
- PI Sta 21+80.35
- $\Delta = 77' 41' 08.3" (LT)$
- $D = 19' 45' 25.8"$
- $L = 393.20'$
- $T = 233.52'$
- $R = 290.00'$
- SE = EXIST
- DRV-
- PI Sta 10+18.93
- $\Delta = 56' 48' 37.5" (RT)$
- $D = 16' 37' 42' 08"$
- $L = 34.70'$
- $T = 18.93'$
- $R = 35.00'$
- SE = WC
- PI Sta 10+58.77
- $\Delta = 86' 46' 54.3" (LT)$
- $D = 225' 04' 04.7"$
- $L = 38.56'$
- $T = 24.07'$
- $R = 25.46'$
- SE = NC
- PI Sta 14+67.49
- $\Delta = 36' 16' 03.4" (LT)$
- $D = 16' 36' 26.9"$
- $L = 218.38'$
- $T = 112.99'$
- $R = 345.00'$
- SE = SEE PLAN

TO BE OBLITERATED
SEE SHEET 5 FOR -L- & -DRV- GRADES
SEE SHEET 5-1 TO 5-26 FOR STRUCTURE PLANS