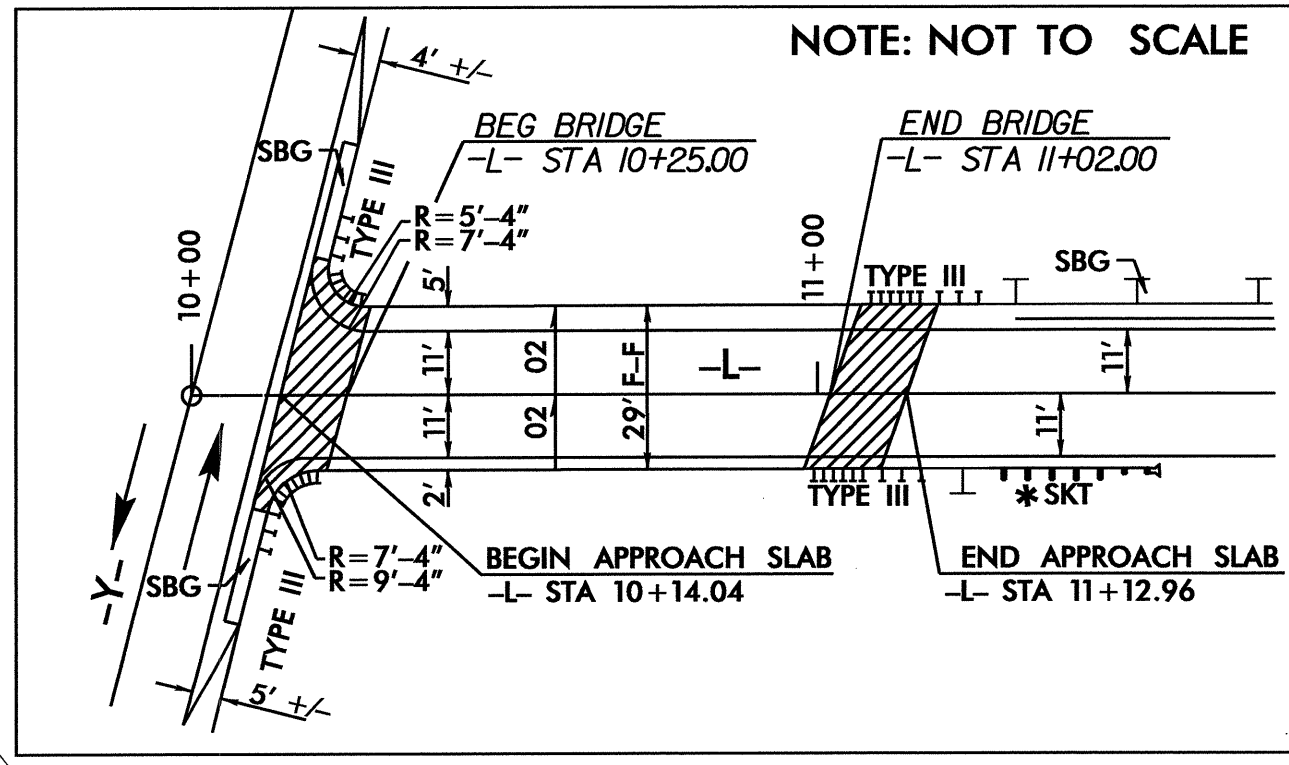


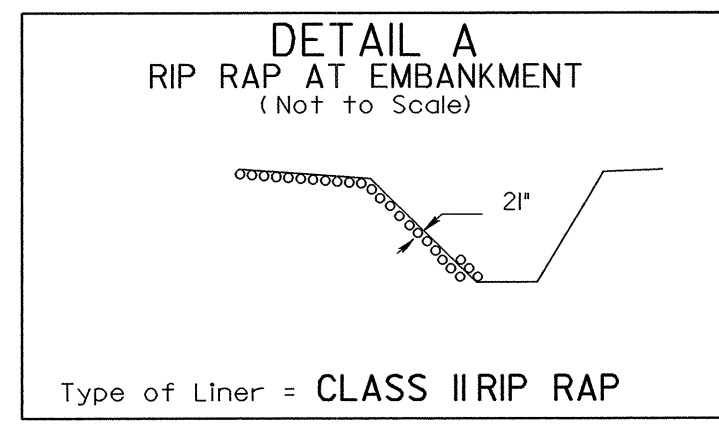
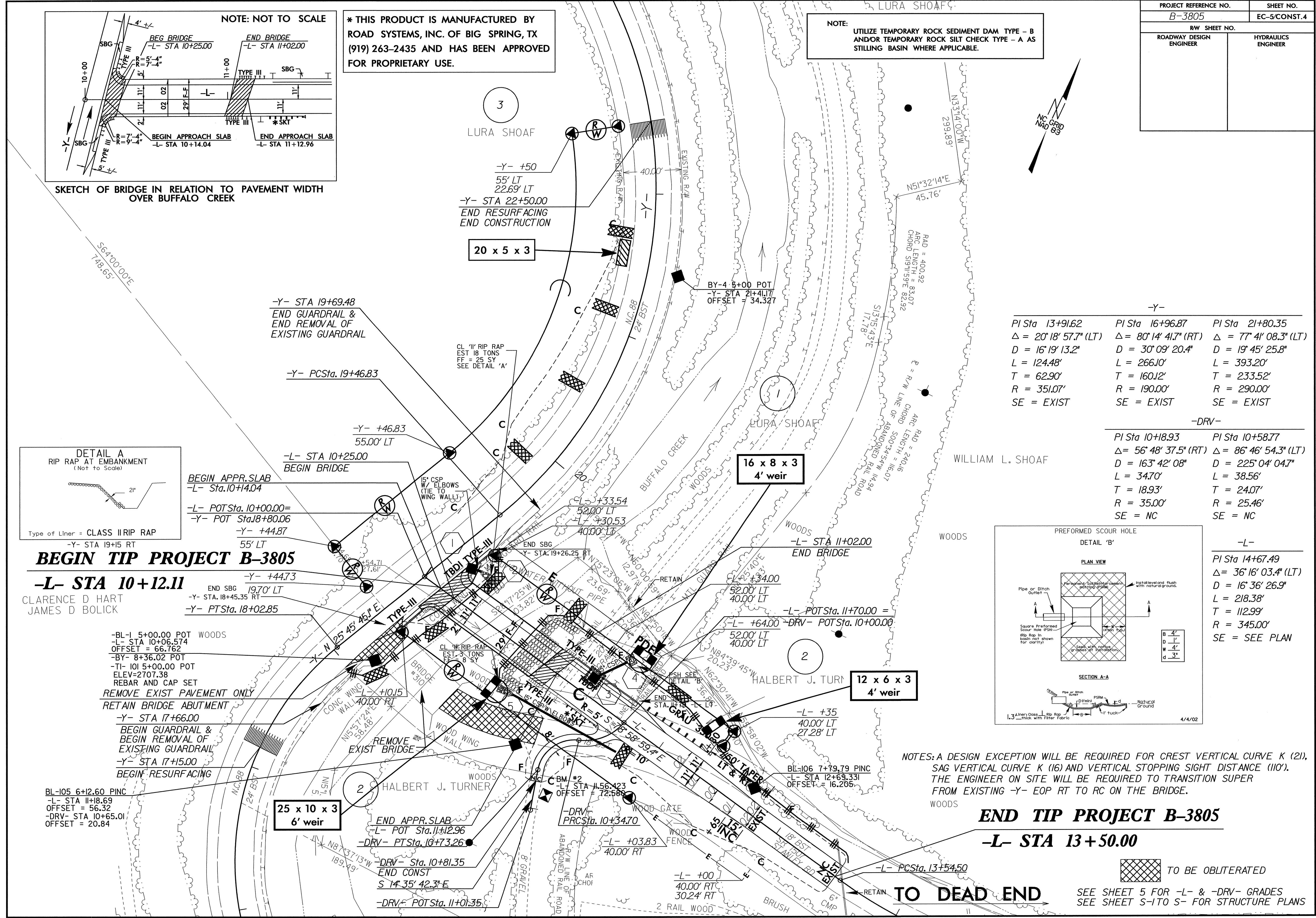
PROJECT REFERENCE NO. B-3805	SHEET NO. EC-5/CONST.4
R/W SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



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.



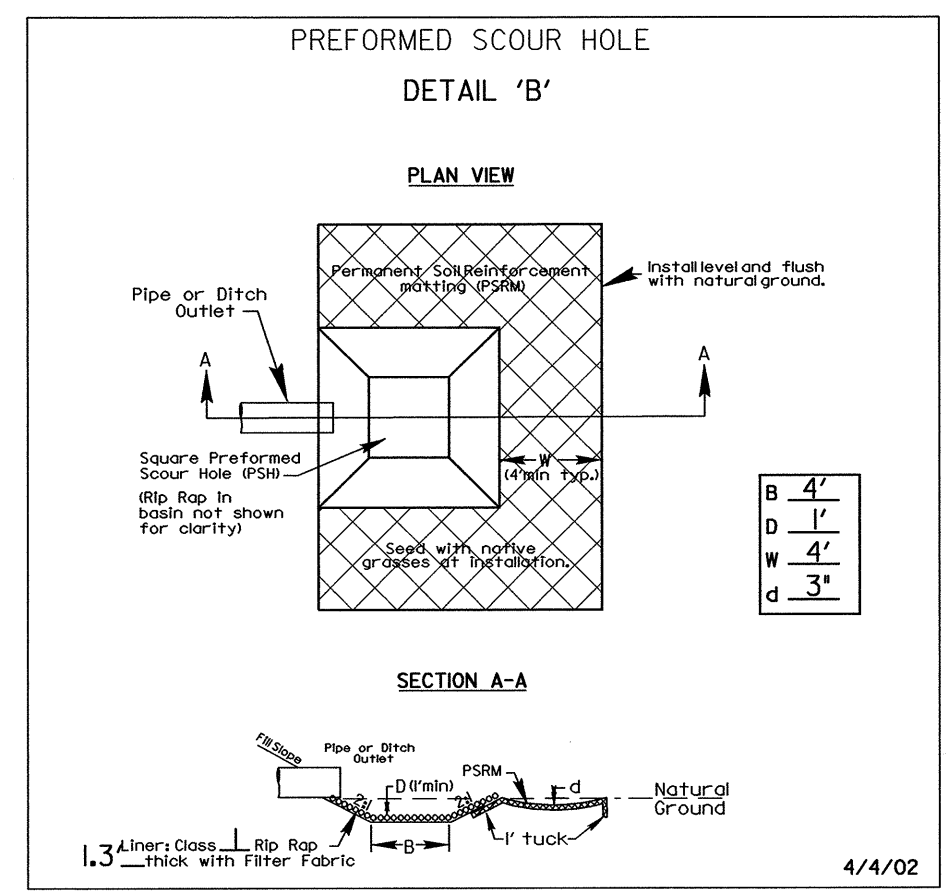
**BEGIN TIP PROJECT B-3805**  
**-L- STA 10+12.11**  
 CLARENCE D HART  
 JAMES D BOLICK

-Y-

PI Sta 13+91.62 Δ = 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 Δ = 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 Δ = 77° 41' 08.3" (LT) D = 19' 45' 25.8" L = 393.20' T = 233.52' R = 290.00' SE = EXIST
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-DRV-

PI Sta 10+18.93 Δ = 56° 48' 37.5" (RT) D = 163' 42' 08" L = 34.70' T = 18.93' R = 35.00' SE = NC	PI Sta 10+58.77 Δ = 86° 46' 54.3" (LT) D = 225' 04' 04.7" L = 38.56' T = 24.07' R = 25.46' SE = NC
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-L-

PI Sta 14+67.49 Δ = 36° 16' 03.4" (LT) D = 16' 36' 26.9" L = 218.38' T = 112.99' R = 345.00' SE = SEE PLAN
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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.

**END TIP PROJECT B-3805**  
**-L- STA 13+50.00**

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

**TO DEAD END**