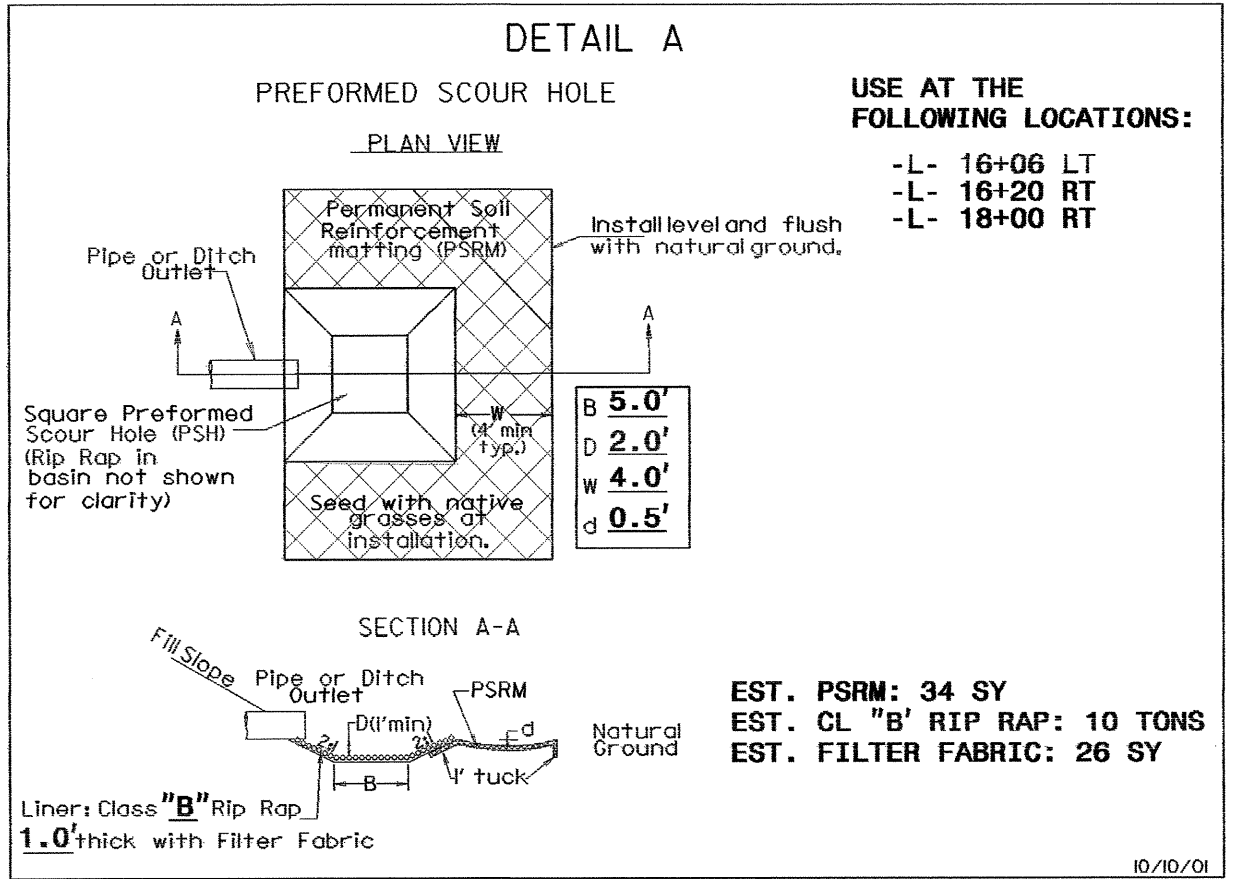
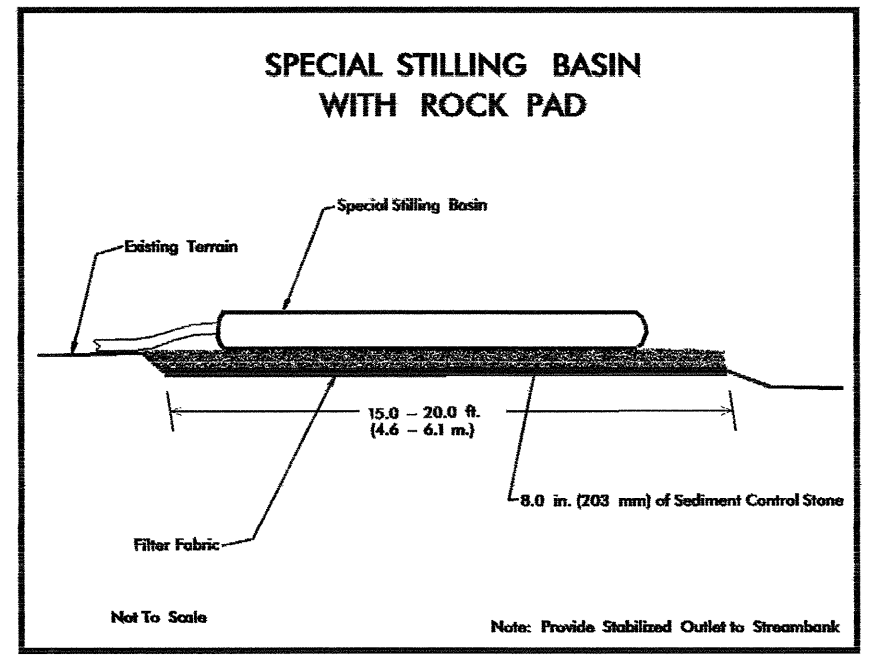
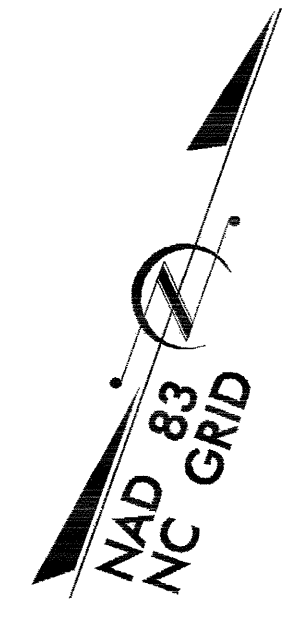


PROJECT REFERENCE NO.	SHEET NO.
B-3694	EC-6/CONST.4
RW SHEET NO.	4
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

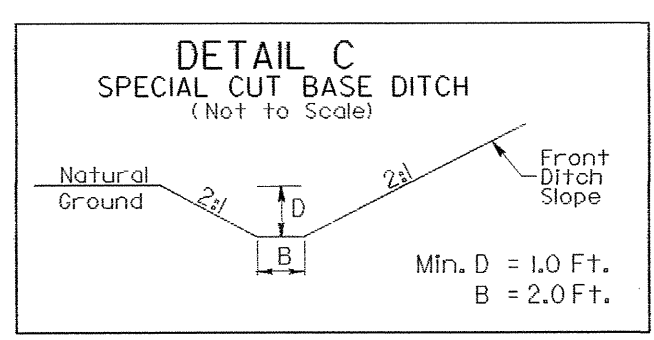
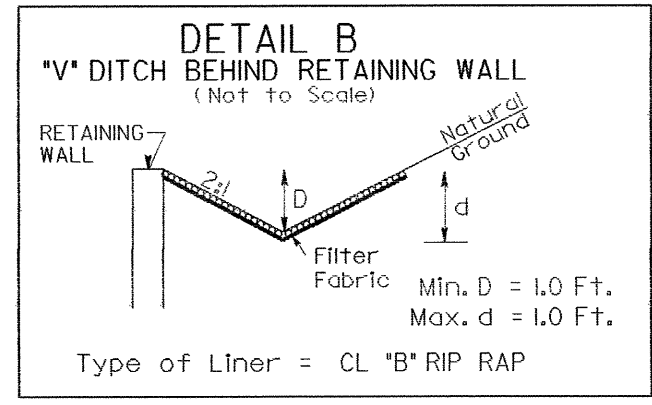
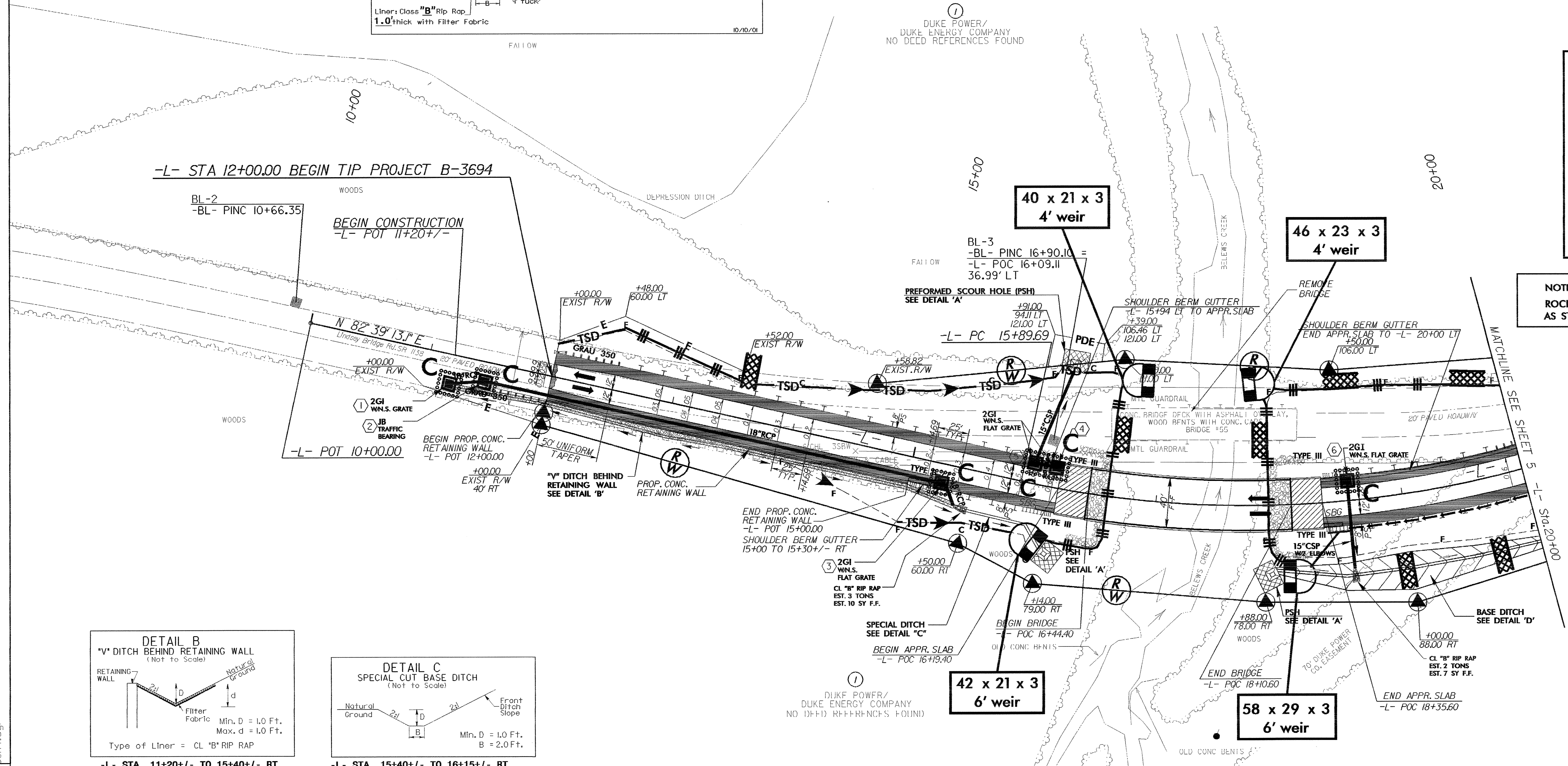
DATUM DESCRIPTION
 THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCSS FOR MONUMENT "RIVERCO"
 WITH NAD 83 STATE PLANE GRID COORDINATES OF NORTHING: 939853.33(Ft) EASTING: 1695829.16(Ft)
 THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 1.000024394
 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "RIVERCO" TO -L- STATION 12+00.00 IS N 77°41'49.8" E 778.48'
 ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS MVD 29



-L-
 PI Sta 21+72.25
 $\Delta = 68^\circ 51' 04.4"$ (LT)
 $D = 6' 44" 26.4"$
 $L = 1,021.43'$
 $T = 582.57'$
 $R = 850.00'$
 $SE = 0.06$
 $RO = \text{SEE PLANS}$
 $DS = 40\text{mph}$ **

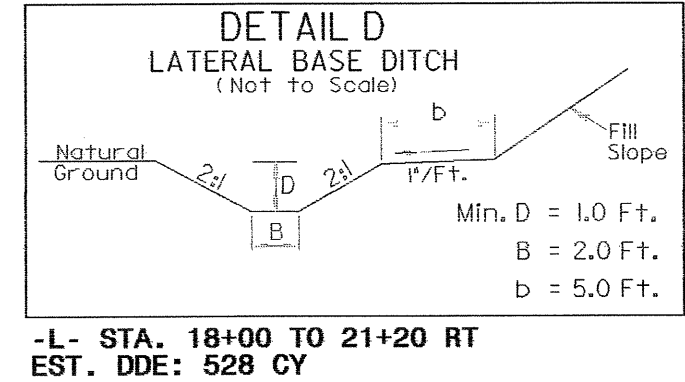
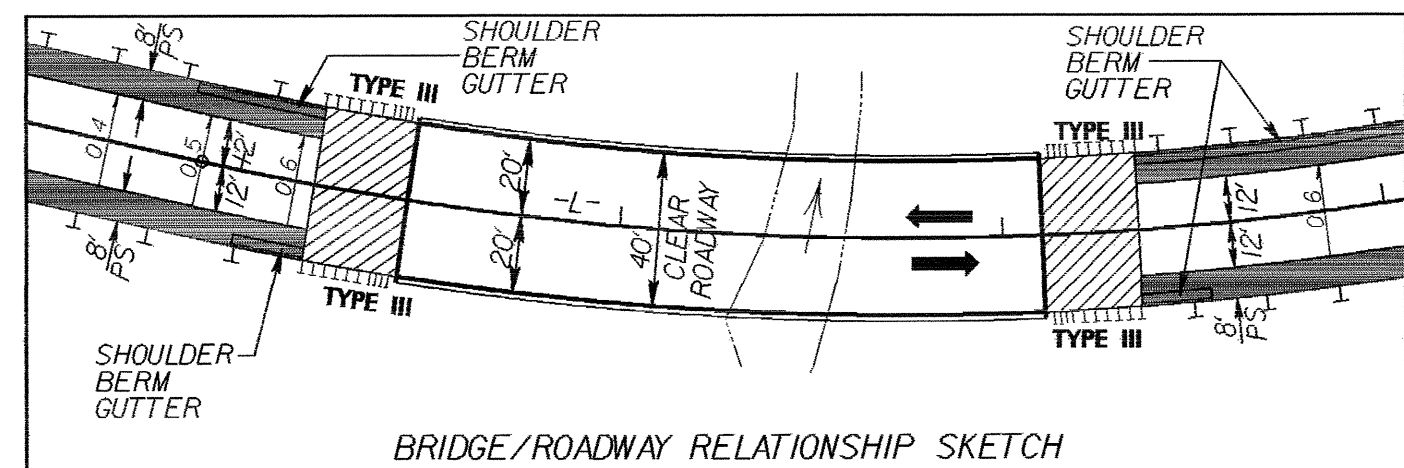


NOTE: UTILIZE SPECIAL STILLING BASIN AND OR TEMPORARY ROCK SEDIMENT DAM TYPE - B AS STILLING BASIN WHERE APPLICABLE.



-L- STA. 11+20+/- TO 15+40+/- RT
 EST. CL "B" RIP RAP = 154 TONS
 EST. F.F. = 460 SY

-L- STA. 15+40+/- TO 16+15+/- RT



-L- STA. 18+00 TO 21+20 RT
 EST. DDE: 528 CY

DENOTES PAVED SHOULDERS, RETAINING WALL & SHOULDER BERM GUTTER

SEE SHEETS S-1 THRU S- FOR STRUCTURE PLANS

SEE SHEET 6 FOR -L- PROFILE

* DESIGN EXCEPTION REQUIRED FOR MINIMUM HORIZONTAL CURVE RADIUS
 ** DESIGN EXCEPTION REQUIRED FOR HORIZONTAL SSD. HORIZONTAL SSD MEETS A 40 MPH DESIGN SPEED

REVISIONS

8/17/99
 13-JAN-2005 14:33
 D:\vieux\Bridges\B-3694\Roadway\Pr-cj\B3694_rdy_psh4.dgn