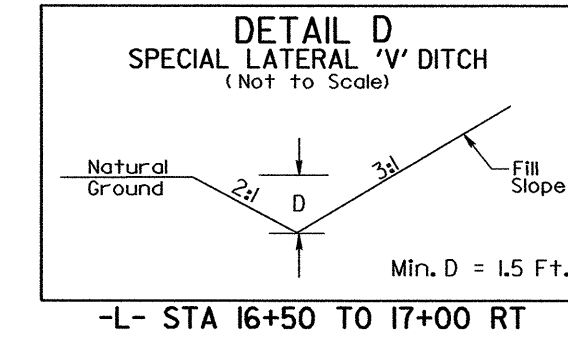
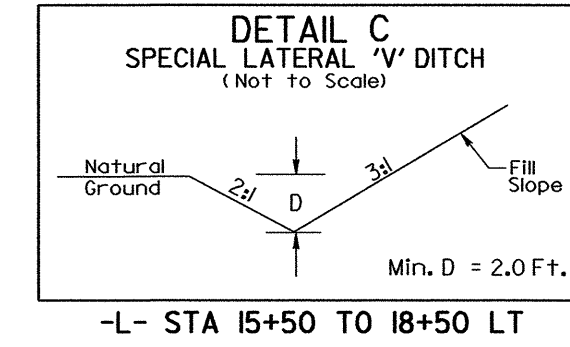


DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B3884-2" WITH NAD 1983/96 STATE PLANE GRID COORDINATES OF NORTHING: 418514098(1) EASTING: 2439360630(1) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9998980983 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B3884-2" TO L- STATION 9+72.27 IS S 54°34'49.6" E 752.16' ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

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



PROJECT REFERENCE NO. B-3884	SHEET NO. EC-4/CONST.4
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

-L-
 PI Sta 15+25.12
 $\Delta = 6' 34" 30.7" (LT)$
 $D = 0' 45" 00.0"$
 $L = 876.69'$
 $T = 438.83'$
 $R = 7,639.44'$
 SUPER = .022 FT/FT
 RUNOFF = 66'

FOR -L- PROFILE SEE SHEET 5

