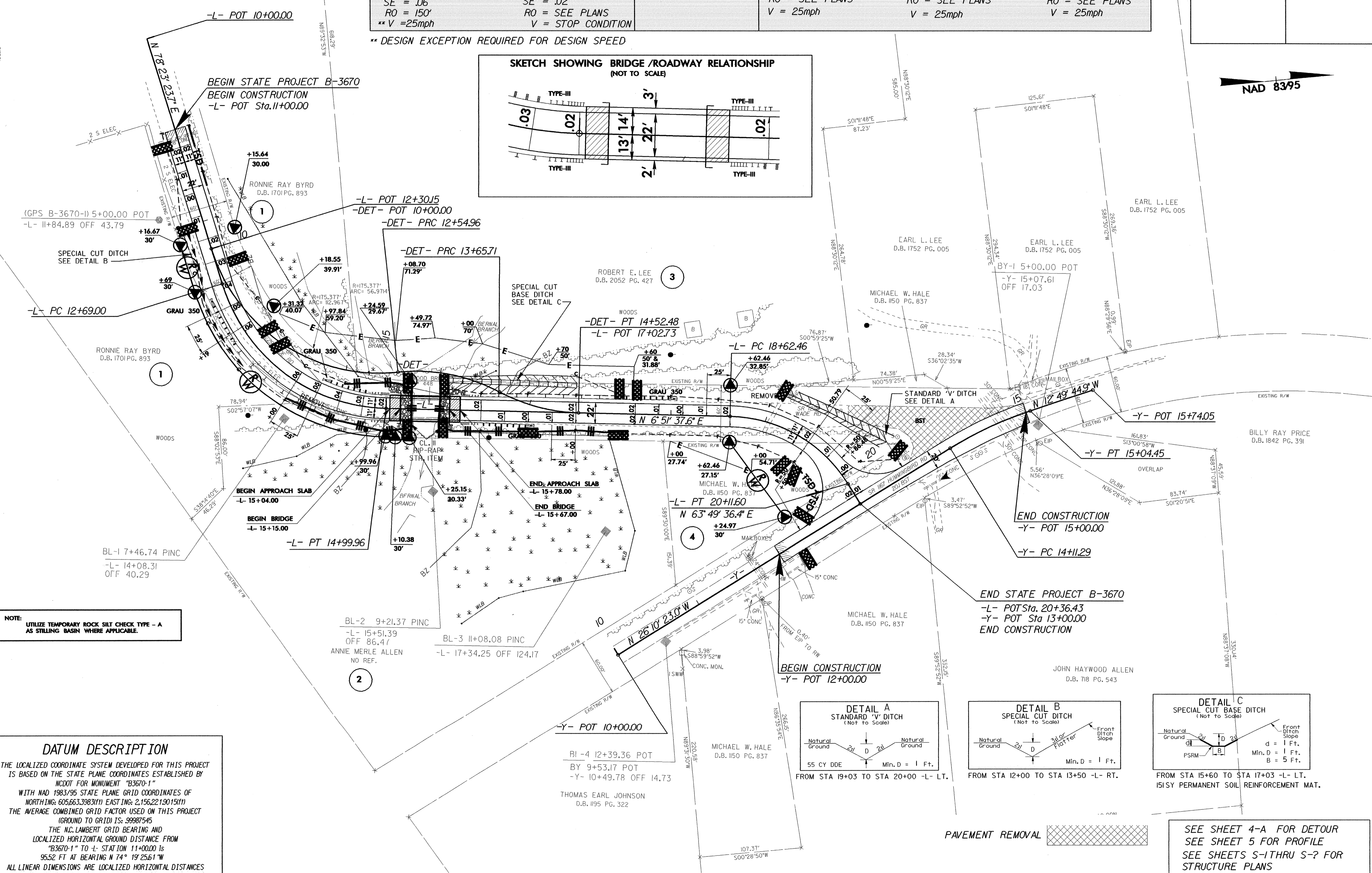
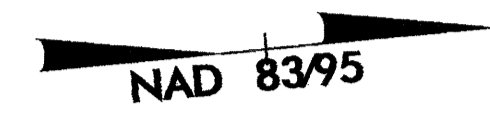
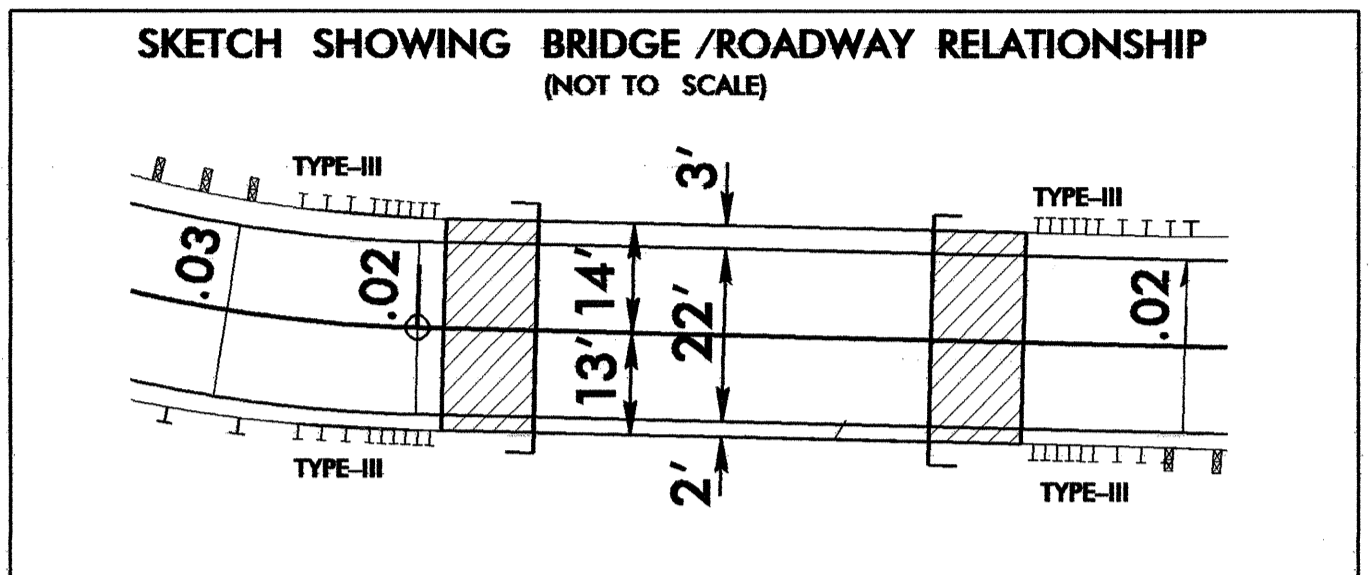


PROJECT REFERENCE NO.	SHEET NO.
B-3670	EC-5/CONST.4
R/W SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	

NOTE: TEMPORARY SILT FENCE SHALL BE INSTALLED A MINIMUM OF 3 FEET FROM TOE OF FILL IN WETLAND AREAS

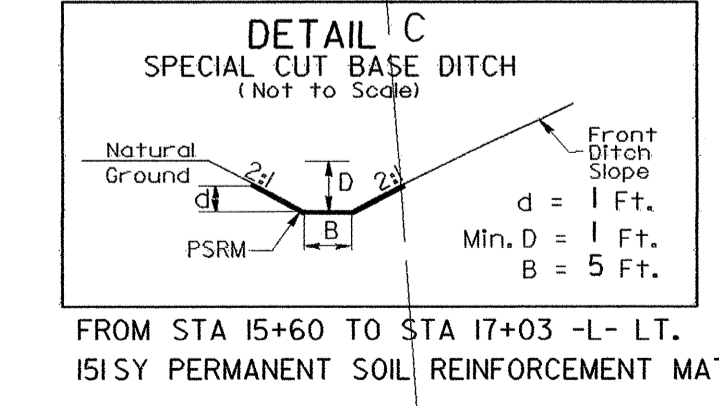
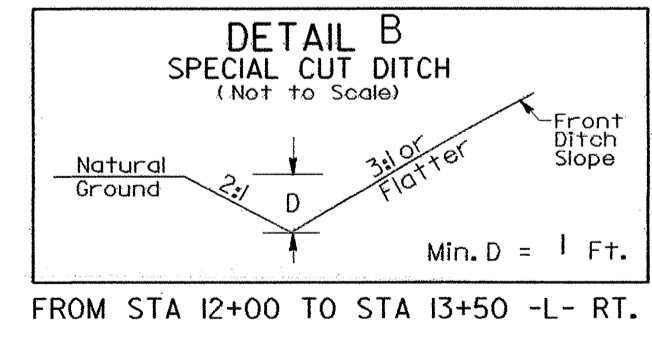
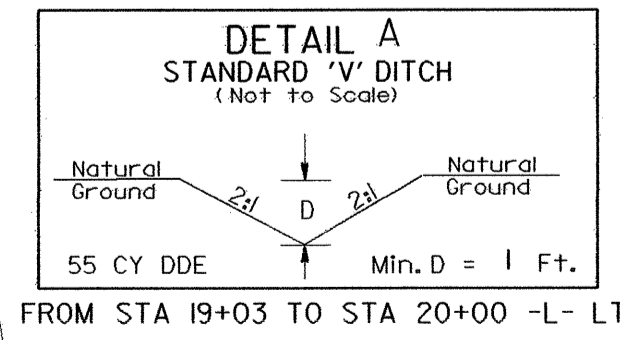
-L-		-Y- EXISTING		-DET-	
PI Sta 14+02.25	PI Sta 19+43.85	PI Sta 14+58.08	PI Sta 11+52.40	PI Sta 13+12.05	PI Sta 14+09.91
$\Delta = 71^\circ 31' 46.1''$ (LT)	$\Delta = 56^\circ 57' 58.8''$ (RT)	$\Delta = 13^\circ 20' 38.1''$ (RT)	$\Delta = 78^\circ 57' 27.3''$ (LT)	$\Delta = 34^\circ 18' 05.7''$ (RT)	$\Delta = 26^\circ 52' 16.2''$ (LT)
D = 30' 58' 14.5"	D = 38' 11' 49.9"	D = 14' 19' 26.2"	D = 30' 58' 14.5"	D = 30' 58' 14.5"	D = 30' 58' 14.5"
L = 230.96'	L = 149.14'	L = 93.16'	L = 254.94'	L = 110.76'	L = 86.76'
T = 133.25'	T = 81.39'	T = 46.79'	T = 152.39'	T = 57.09'	T = 44.19'
R = 185.00'	R = 150.00'	R = 400.00'	R = 185.00'	R = 185.00'	R = 185.00'
SE = .06	SE = .02		RO = SEE PLANS	RO = SEE PLANS	RO = SEE PLANS
RO = 150'	RO = SEE PLANS	V = STOP CONDITION	V = 25mph	V = 25mph	V = 25mph

** DESIGN EXCEPTION REQUIRED FOR DESIGN SPEED



NOTE: UTILIZE TEMPORARY ROCK SILT CHECK TYPE - A AS STILLING BASIN WHERE APPLICABLE.

DATUM DESCRIPTION
 THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B3670-1" WITH NAD 1983/95 STATE PLANE GRID COORDINATES OF NORTHING: 605663.3983111 EASTING: 2,156,221.9015111 THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: .99987545 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B3670-1" TO -L- STATION 11+00.00 IS 95.52 FT AT BEARING N 74° 19' 25.61" W ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88



SEE SHEET 4-A FOR DETOUR
 SEE SHEET 5 FOR PROFILE
 SEE SHEETS S-1 THRU S-? FOR STRUCTURE PLANS