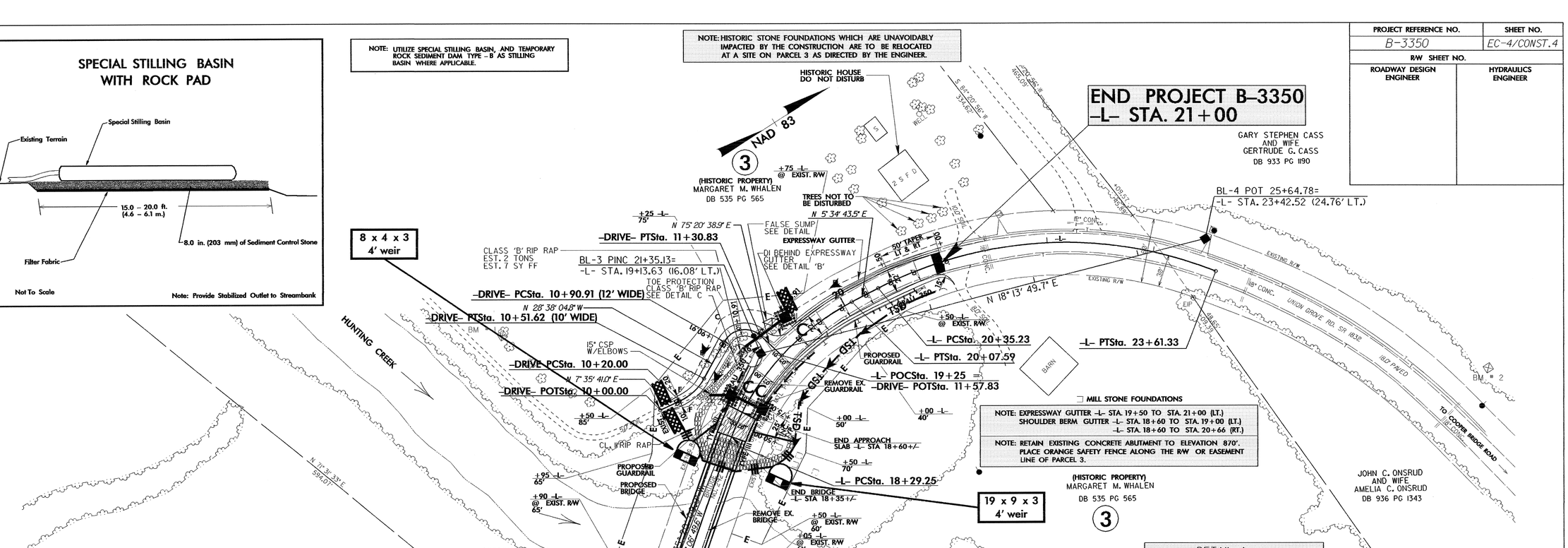
PROJECT REFERENCE NO.	SHEET NO.
B-3350	EC-4/CONST.4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

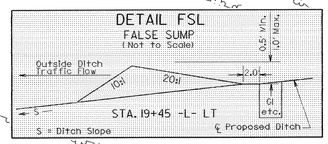
SPECIAL STILLING BASIN WITH ROCK PAD

NOTE: UTILIZE SPECIAL STILLING BASIN, AND TEMPORARY ROCK SEDIMENT DAM TYPE – B' AS STILLING BASIN WHERE APPLICABLE.

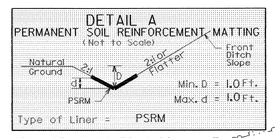
NOTE: HISTORIC STONE FOUNDATIONS WHICH ARE UNAVOIDABLY IMPACTED BY THE CONSTRUCTION ARE TO BE RELOCATED AT A SITE ON PARCEL 3 AS DIRECTED BY THE ENGINEER.



DETAIL FSL
FALSE SUMP
(Not to Scale)

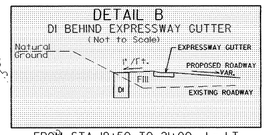


DETAIL A
PERMANENT SOIL REINFORCEMENT MATTING
(Not to Scale)



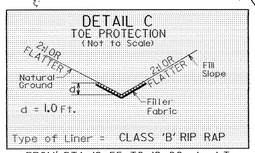
FROM STA. 12+00 TO 14+00 -L- LT
TOTAL PSRM EST. 83 SY

DETAIL B
DI BEHIND EXPRESSWAY GUTTER
(Not to Scale)



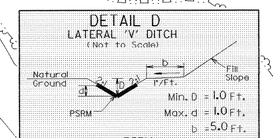
FROM STA. 19+50 TO 21+00 -L- LT

DETAIL C
TOE PROTECTION
(Not to Scale)



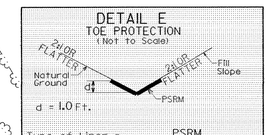
FROM STA. 18+55 TO 19+00 -L- LT
FROM STA. 10+35 TO 10+95 -DRIVE- RT
EST. 37 TONS CL. B RIP RAP
EST. 110 SY FILTER FABRIC

DETAIL D
LATERAL 'V' DITCH
(Not to Scale)



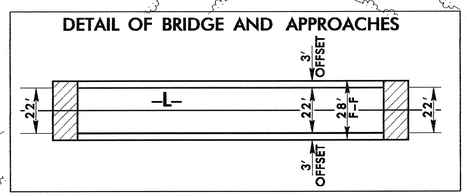
FROM STA. 15+50 TO 16+40 -L- RT
TOTAL EST. PSRM 38 SY, DDE 13 CY
FROM STA. 15+50 TO 16+40 -L- LT
TOTAL EST. PSRM 38 SY, DDE 13 CY

DETAIL E
TOE PROTECTION
(Not to Scale)



FROM STA. 14+00 TO 15+50 -L- LT
TOTAL PSRM EST. 61 S.Y.

DETAIL OF BRIDGE AND APPROACHES



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B3350-1" WITH NAD 1983/95 STATE PLANE GRID COORDINATES OF NORTHING: 837793.2790(ft) EASTING: 1455032.3270(ft) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999924400 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B3350-1" TO -L- STATION 12+00 IS N 30°23'26.02" E 89.070 FT. ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

SEE SHEET 5 FOR PROFILES
SEE SHEETS S-1 THRU S- FOR STRUCTURE PLANS