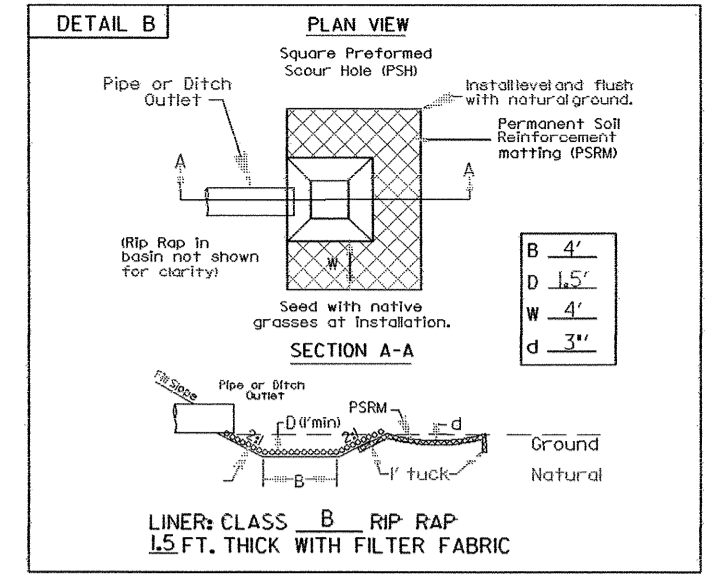
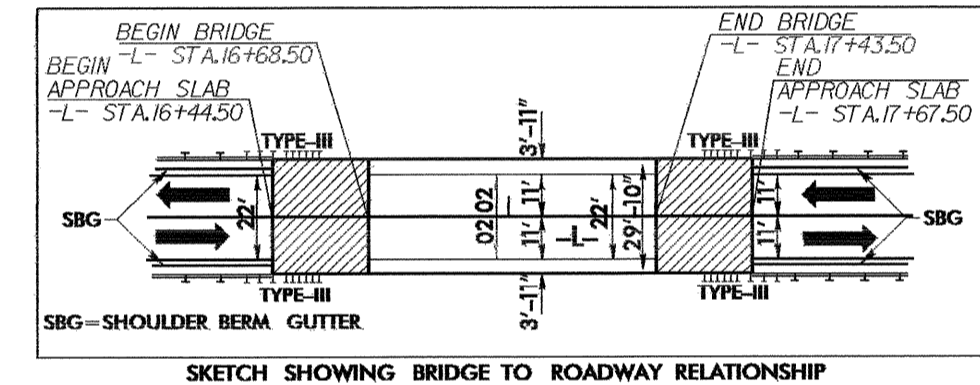
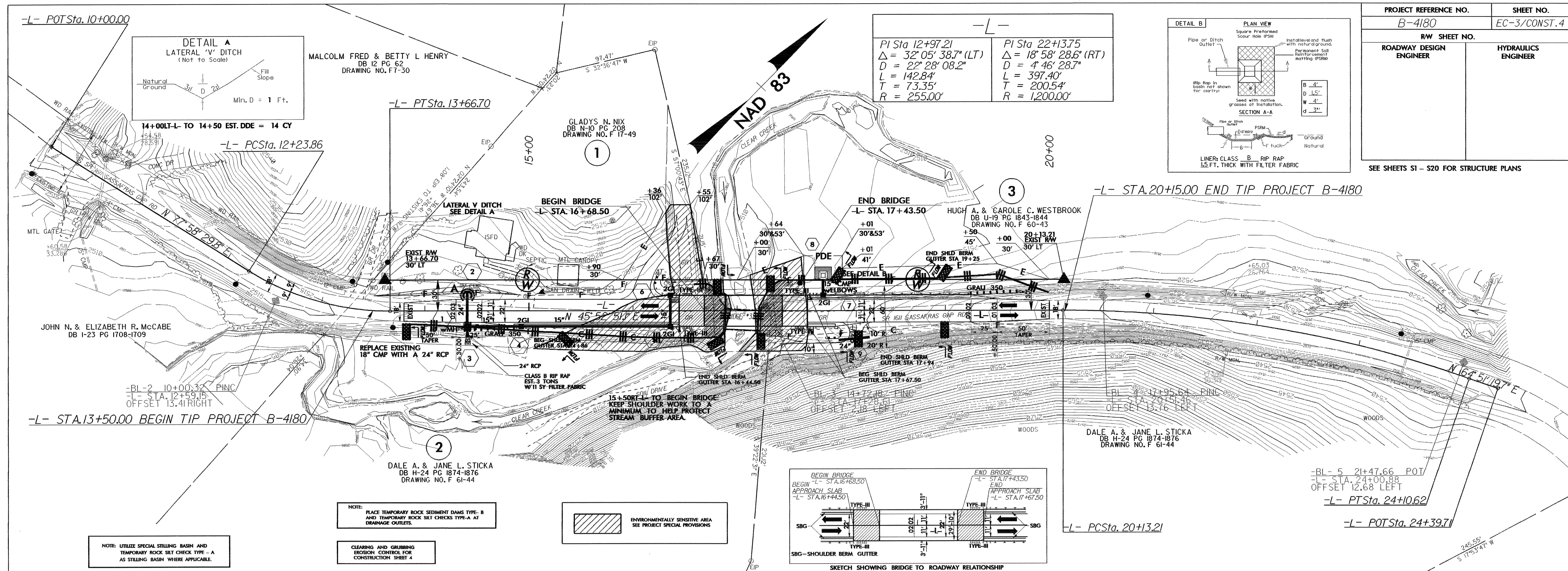


PROJECT REFERENCE NO.		SHEET NO.	
B-4180		EC-3/CONST.4	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER			



$PI\ Sta\ 12+97.21$
 $\Delta = 32^\circ 05' 38.7'' (LT)$
 $D = 22^\circ 28' 08.2''$
 $L = 142.84'$
 $T = 73.35'$
 $R = 255.00'$

$PI\ Sta\ 22+13.75$
 $\Delta = 18^\circ 58' 28.6'' (RT)$
 $D = 4^\circ 46' 28.7''$
 $L = 397.40'$
 $T = 200.54'$
 $R = 1,200.00'$

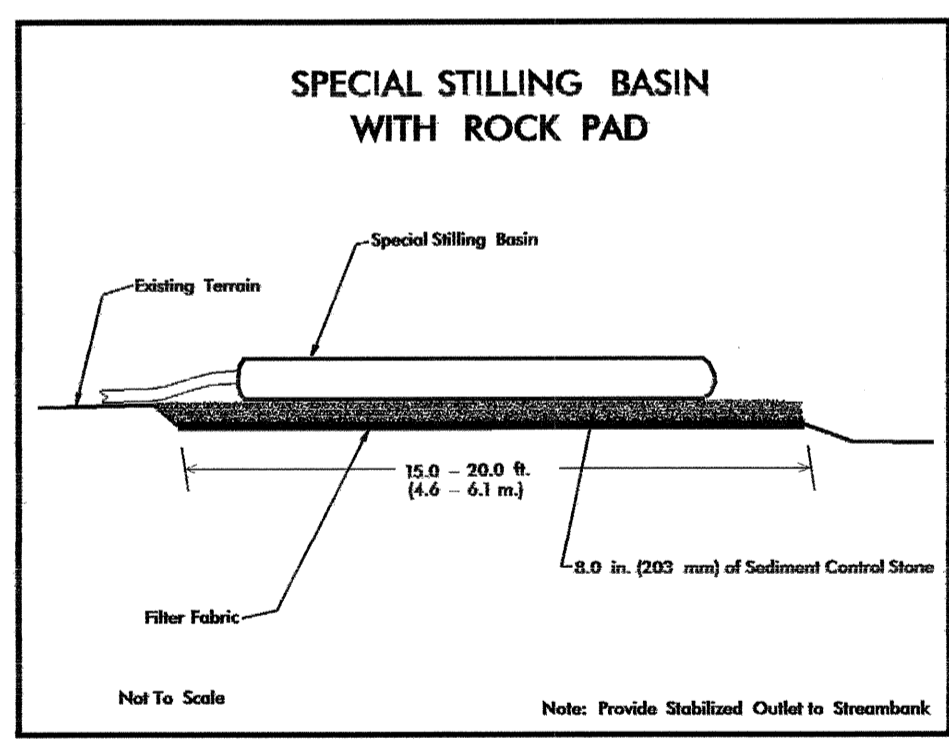


NOTE: UTILIZE SPECIAL STILLING BASIN AND TEMPORARY ROCK SET CHECK TYPE - A AS STILLING BASIN WHERE APPLICABLE.

NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SET CHECKS TYPE - A AT DRAINAGE OUTLETS.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 4

ENVIRONMENTALLY SENSITIVE AREA SEE PROJECT SPECIAL PROVISIONS



BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	= 850 CFS
DESIGN FREQUENCY	= 25 YRS
DESIGN HW ELEVATION	= 2513.0FT
BASE DISCHARGE	= 1300 CFS
BASE FREQUENCY	= 100 YRS
BASE HW ELEVATION	= 2514.1FT
OVERTOPPING DISCHARGE	= 1400 CFS
OVERTOPPING FREQUENCY	= 100+ YRS
OVERTOPPING ELEVATION	= 2514.4FT
MINIMUM ROADWAY ELEVATION	= 2513.9FT
DATE OF SURVEY	= 9/12/03
W.S. ELEVATION AT DATE OF SURVEY	= 2507.8FT

