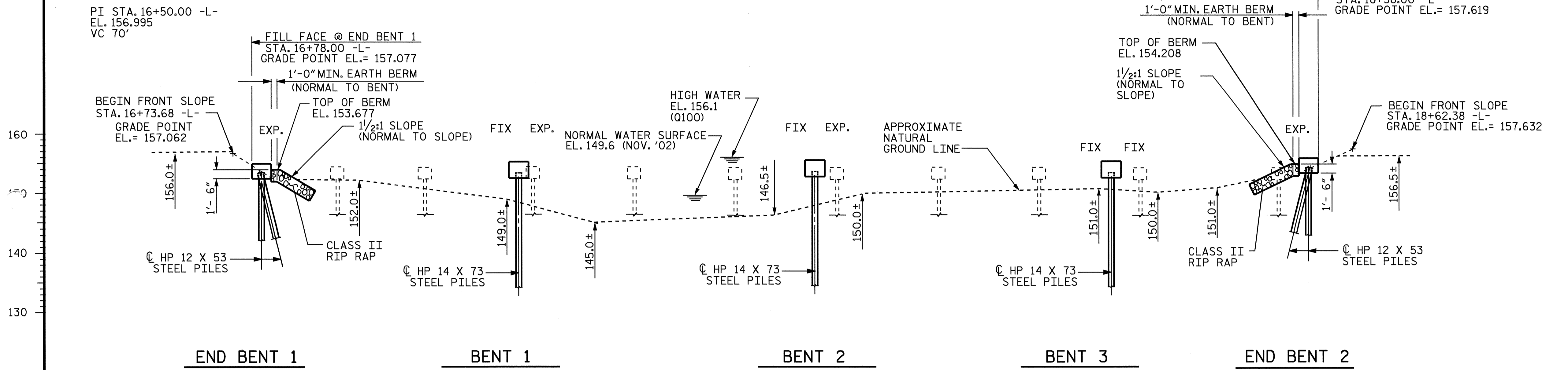


GRADE DATA

+0.7653% Δ +0.3000%

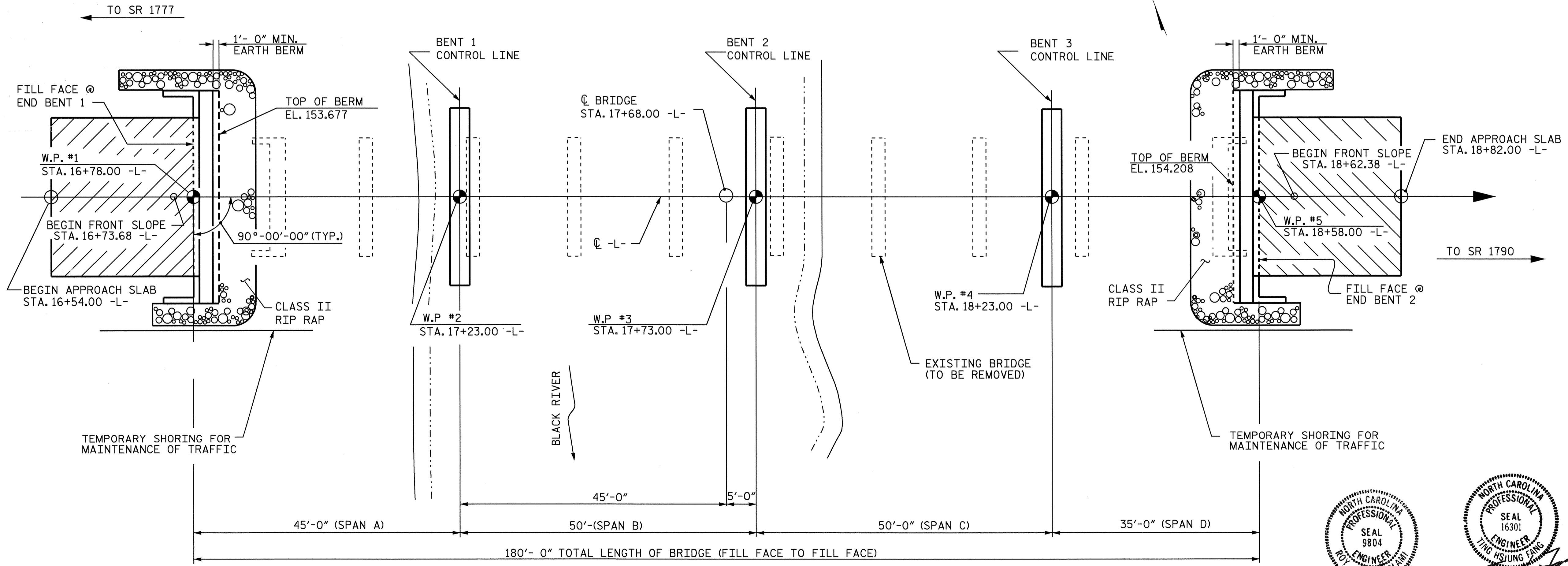


HYDRAULIC DATA

DESIGN DISCHARGE	3100 CFS
FREQUENCY OF DESIGN FLOOD	25 YEARS
DESIGN HIGH WATER ELEVATION	154.9
DRAINAGE AREA	48.3 SQ. MI.
BASIC DISCHARGE (Q100)	5650 CFS
BASIC HIGH WATER ELEVATION	156.1

OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE	3100 CFS
FREQUENCY OF OVERTOPPING FLOOD	25 YRS.±
OVERTOPPING FLOOD ELEVATION	153.8



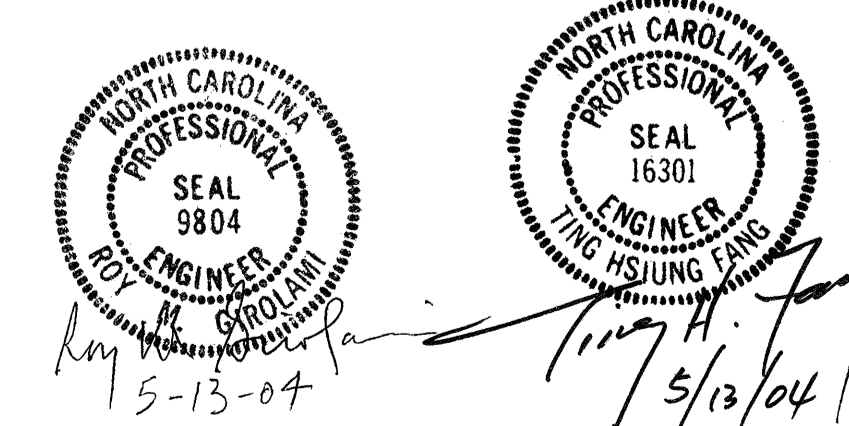
PLAN

(PILES NOT SHOWN FOR CLARITY)

PROJECT NO. B-4139  
HARNETT COUNTY  
 STATION: 17+68.00 -L-  
 SHEET 1 OF 3      REPLACES BRIDGE NO. 106

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

GENERAL DRAWING  
 FOR BRIDGE ON SR 1780  
 OVER BLACK RIVER BETWEEN  
 SR 1777 AND SR 1790



DRAWN BY : N. Q. TRAN      DATE : 3-20-03  
 CHECKED BY : M. A. ALLEN      DATE : 11-11-03

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S-1	
1			3			TOTAL SHEETS	22
2			4				