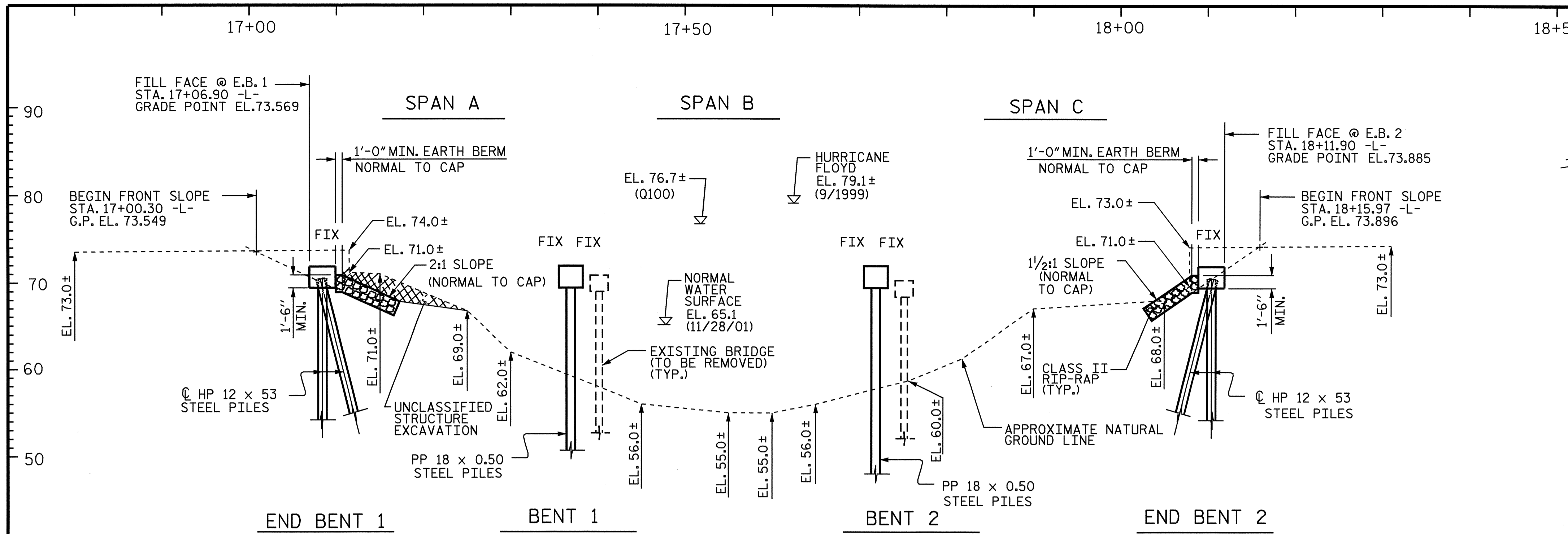


FOR NOTES, SEE SHEET 3 OF 3



GRADE DATA

PI = 19+00.000-L-
EL = 74.15
VC = 180.000

+0.3010% -1.2000%

HYDRAULIC DATA

DESIGN DISCHARGE..... 5100 c.f.s.
FREQUENCY OF DESIGN FLOOD..... 25 yr.
DESIGN HIGH WATER ELEVATION..... 74.9
DRAINAGE AREA..... 39.5 sq. MI.
BASIC DISCHARGE (Q100)..... 7400 c.f.s.
BASIC HIGH WATER ELEVATION..... 76.7

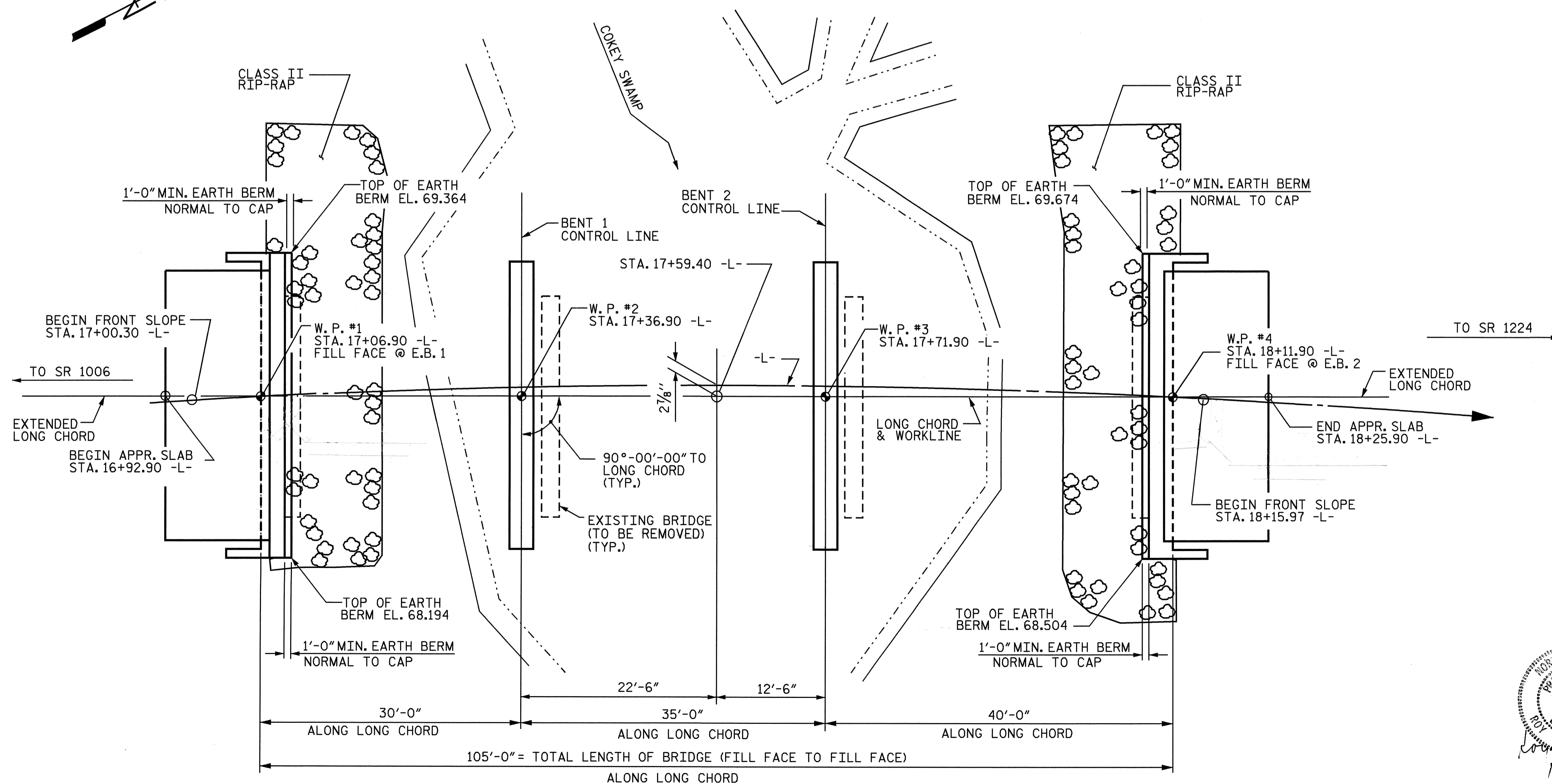
OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE 1485 c.f.s.
FREQUENCY OF OVERTOPPING FLOOD..... LESS 2 yr.
OVERTOPPING FLOOD ELEVATION..... 70.6

HORIZONTAL CURVE DATA

PI STA. 17+33.63 -L-
Δ = 7°-41'-21.1" (RT)
D = 0°-59'-47.2"
L = 771.66'
T = 386.41'
R = 5750.00'

NOTE: BRIDGE IS LAID OUT ALONG LONG CHORD FROM W.P. #1 TO W.P. #4. APPROACH SLABS ARE LOCATED ALONG EXTENDED LONG CHORD.



DRAWN BY: N. Q. TRAN DATE: 12-3-02
CHECKED BY: T. A. WALTER DATE: 3-17-03

PROJECT NO. B-3639
EDGECOMBE COUNTY
STATION: 17+59.40 -L-
SHEET 1 OF 3 REPLACES BRIDGE #60

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
GENERAL DRAWING
BRIDGE ON SR 1223 OVER
COKEY SWAMP BETWEEN
SR 1006 AND SR 1224

REVISIONS			SHEET NO.		
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

TOTAL SHEETS: 20

Professional Engineer Seal: DAVID R. AMBROSIO, No. 11259, dated 1-26-06.
Professional Engineer Seal: DAVID R. AMBROSIO, No. 9804, dated 1-26-06.