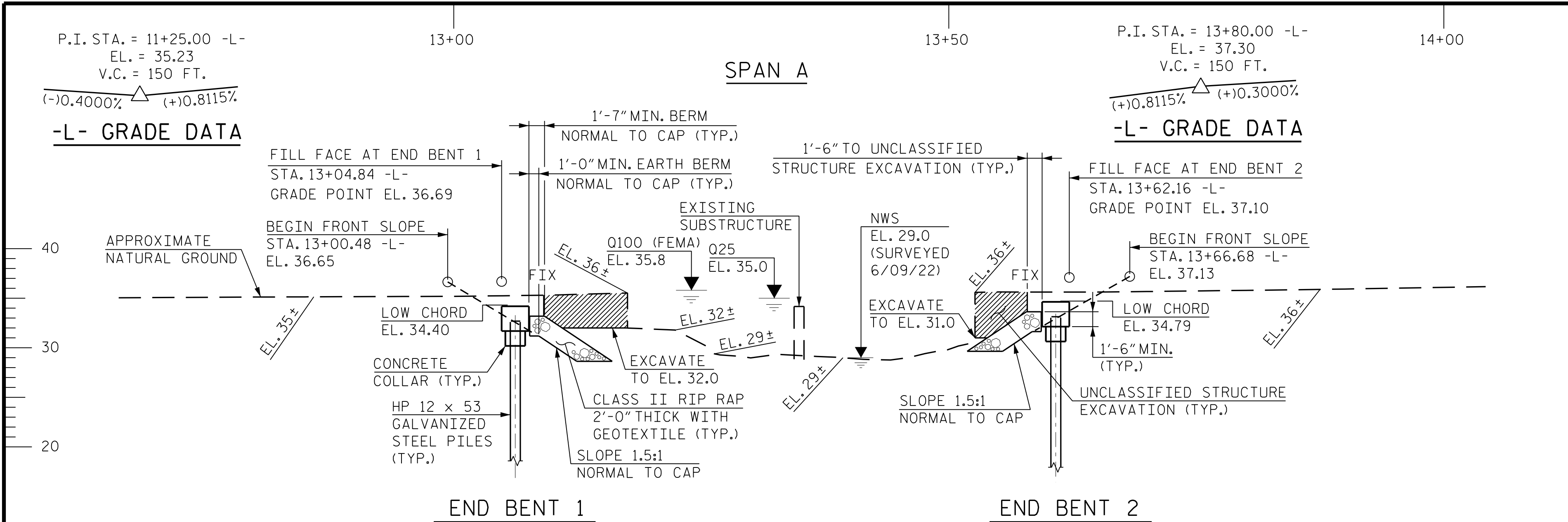


R:\Structures\GON\Final\BP1.R021.1.SMU.GD_570025.dgn
7/6/2026
bgonfa



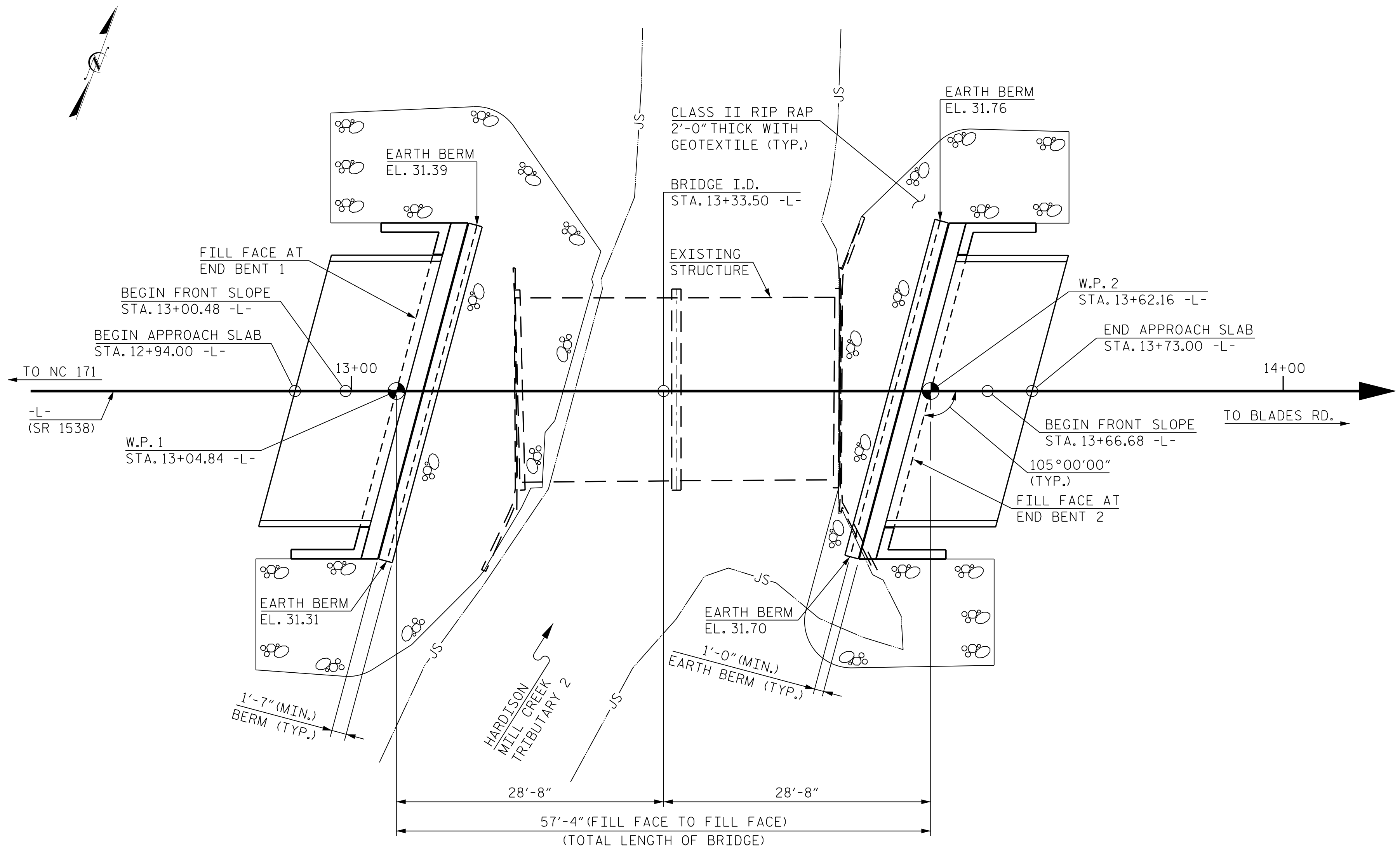
HYDRAULIC DATA

DESIGN DISCHARGE..... 1,200 C.F.S.
FREQUENCY OF DESIGN FLOOD..... 25 YRS.
DESIGN HIGH WATER ELEVATION..... 35.0
DRAINAGE AREA..... 13.5 SQ. MI.
BASE DISCHARGE (Q100)..... 1,819 C.F.S.
BASE HIGH WATER ELEVATION..... 35.80

OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE..... 1,500
FREQUENCY OF OVERTOPPING FLOOD..... 50 YR.
OVERTOPPING FLOOD ELEVATION..... 35.5 AT STA. 11+05.00 -L-

WS ELEVATION TAKEN AT RIVER STATION 17712.7



PLAN

(PILES NOT SHOWN IN PLAN VIEW FOR CLARITY)

PROJECT NO. BP1.R021.1
MARTIN COUNTY
STATION: 13+33.50 -L-

SHEET 1 OF 4 REPLACES BRIDGE NO. 570025

BRIDGE NO. 570025



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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING
FOR BRIDGE OVER HARDISON MILL
CREEK (TRIB. 2) ON SR 1538
(WAINRIGHT RD.) BETWEEN NC-171
AND BLADES ROAD

REVISIONS

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

SHEET NO.

S-1

TOTAL SHEETS

16

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**