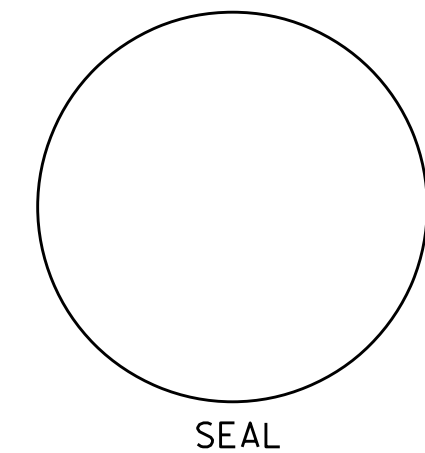


I HEREBY CERTIFY THESE PLANS ARE THE AS-BUILT PLANS.

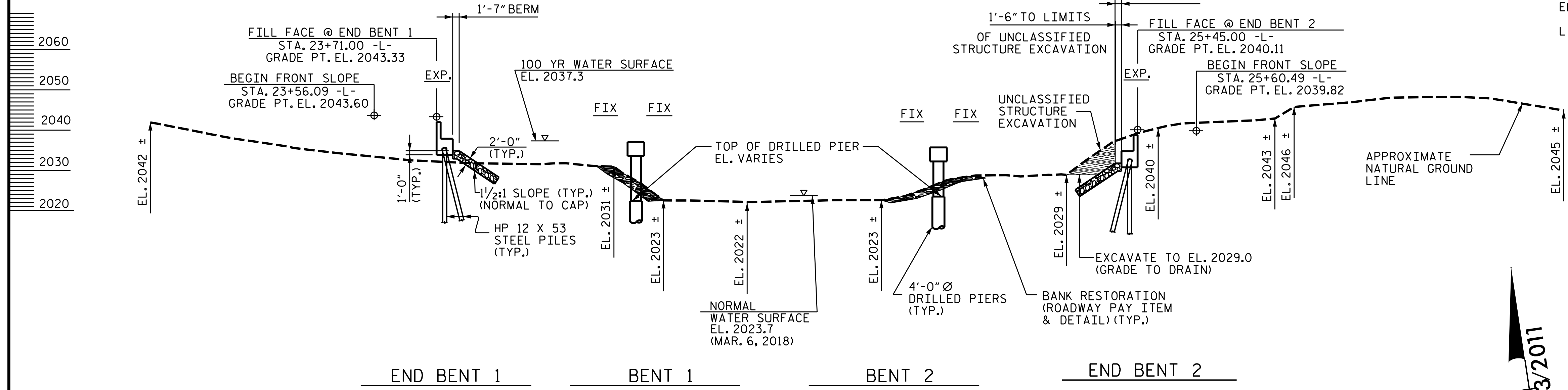


23+00 23+50 24+00 24+50 25+00 25+50 26+00 26+50

SPAN A SPAN B SPAN C

**GRADE DATA**

(-) 1.8509% (-) 0.6008%  
 PI STA. = 27+76.00 -L-  
 EL. = 2,035.83  
 L = 200'



**SECTION ALONG -L-**

SECTION THRU END BENTS & BENTS ARE AT RIGHT ANGLES

HYDRAULIC DATA:	
DESIGN DISCHARGE	6,400 CFS
FREQUENCY OF DESIGN DISCHARGE	50 YRS.
DESIGN HIGH WATER ELEVATION	2036.2
DRAINAGE AREA	36.6 SQ. MI.
BASE DISCHARGE	7,070 CFS
FREQUENCY OF BASE DISCHARGE	100 YRS.
BASE HIGH WATER ELEVATION	2037.3

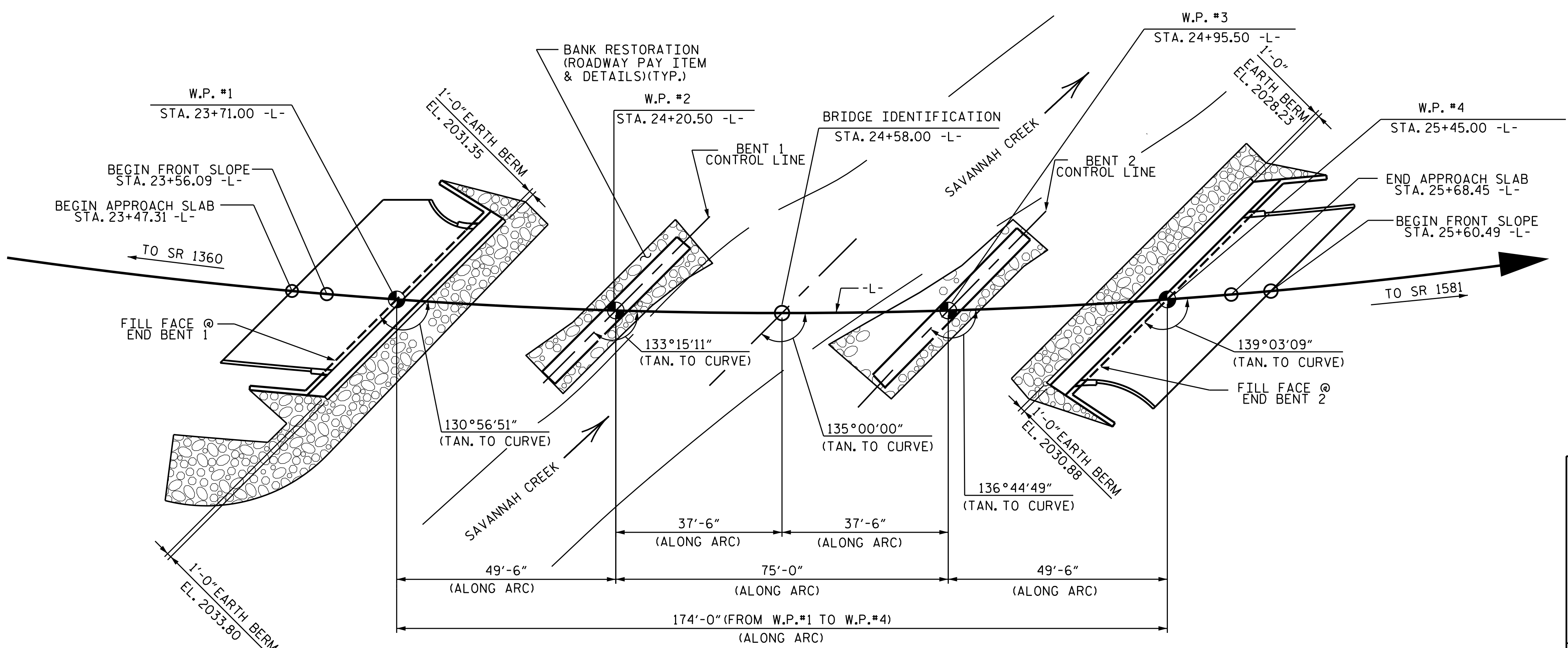
OVERTOPPING FLOOD DATA:	
OVERTOPPING DISCHARGE	10,000 CFS
FREQUENCY OF OVERTOPPING FLOOD	500 YRS.
OVERTOPPING FLOOD ELEVATION	2041.80

LOW CHORD ELEVATION	
EB1	2037.67
EB2	2034.51

**-L- CURVE DATA**

PI Sta	28+38.66
Δ	72° 56' 10.9" (LT)
D	4° 39' 29.5"
L	1,565.76'
T	909.10'
R	1,230.00'

NAD 83/2011



**PLAN**

PILES AND COLUMNS NOT SHOWN IN PLAN VIEW

PROJECT NO. 17BP.14.R.204  
 JACKSON COUNTY  
 STATION: 24+58.00-L-  
 SHEET 1 OF 5 REPLACES BRIDGE NO. 490032

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**GENERAL DRAWING FOR BRIDGE OVER SAVANNAH CREEK ON NC 116 BETWEEN SR 1360 AND SR 1581**

11/15/2023 | 7:42 AM EST

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

TGS ENGINEERS  
 201 W. MARION ST STE 200  
 SHELBY, NC 28150  
 PH (704) 476-0003  
 CORP. LICENSE NO.: C-0275

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-1
1			3			TOTAL SHEETS
2			4			47

DRAWN BY : LAB/JLA DATE : 9/22  
 CHECKED BY : MGC DATE : 9/22