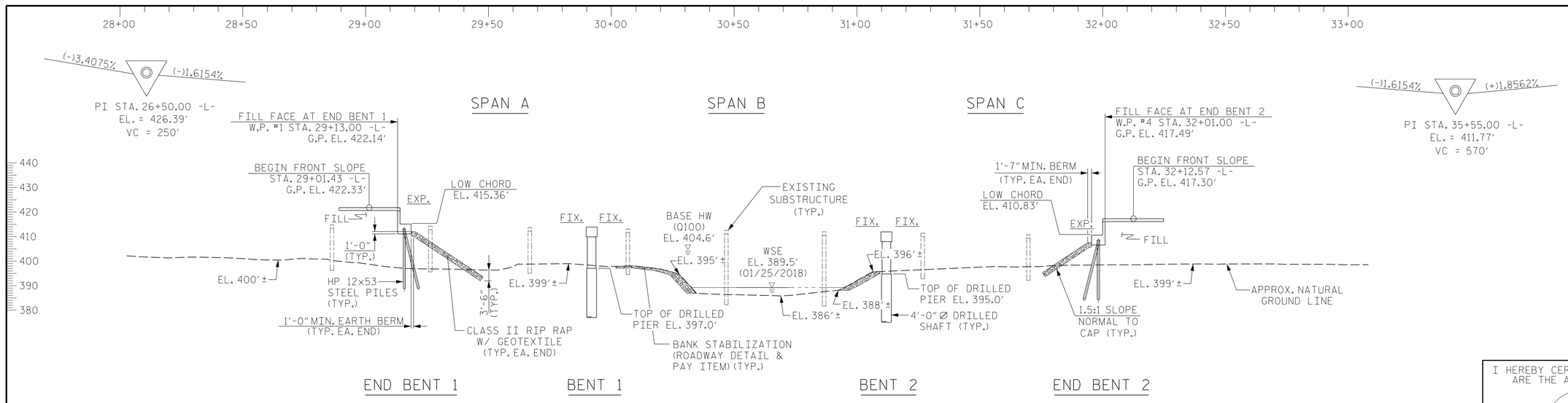
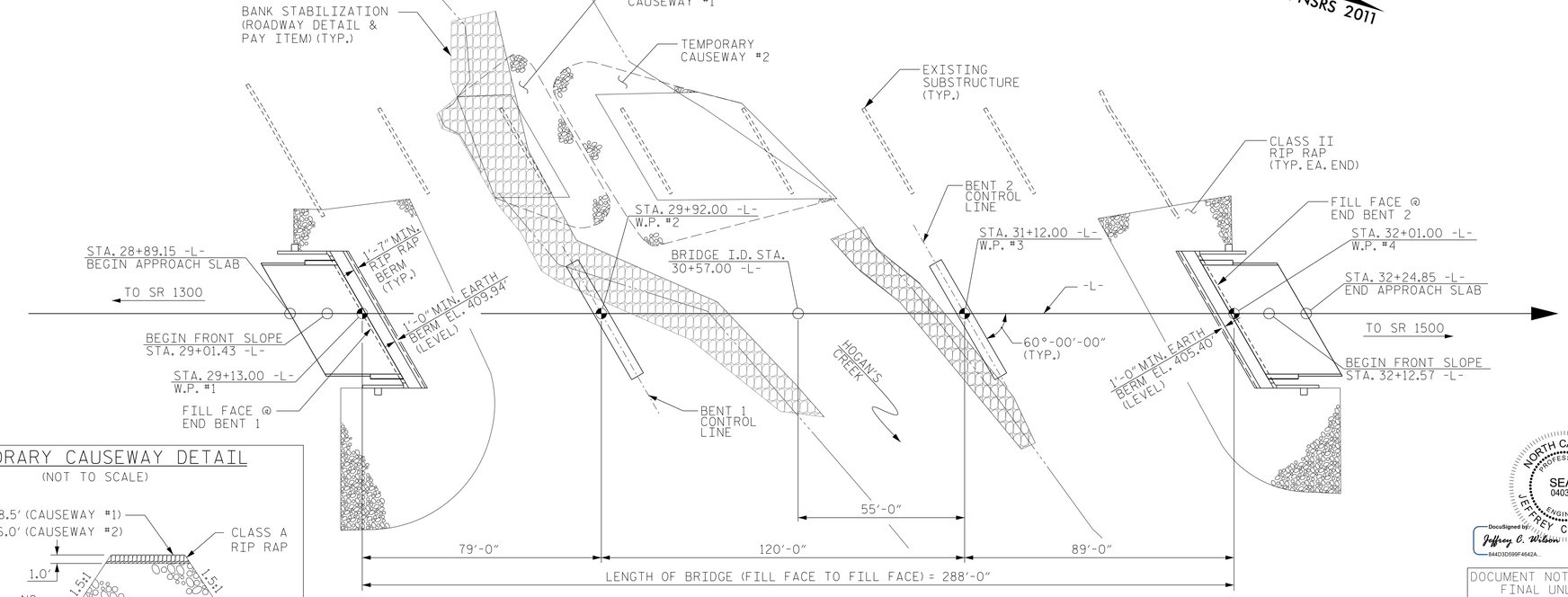


SECTION ALONG -L-

SECTION AT END BENTS AND BENTS ARE AT RIGHT ANGLES

I HEREBY CERTIFY THESE PLANS ARE THE AS-BUILT PLANS



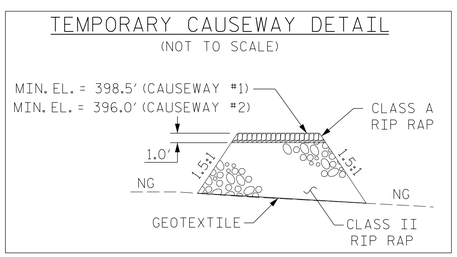
PLAN

(PILES AND DRILLED PIERS NOT SHOWN FOR CLARITY)

NAD 83/NSRS 2011

TEMPORARY CAUSEWAY DETAIL

(NOT TO SCALE)



HYDRAULIC DATA	
DESIGN DISCHARGE	10,864 CFS
FREQUENCY OF DESIGN FLOOD	50 YR.
DESIGN HIGHWATER EL.	403.4 FT.
DRAINAGE AREA	94.5 SQ. MI.
BASE DISCHARGE (Q100)	12,846 CFS
BASE HIGHWATER EL.	404.6 FT.

OVERTOPPING FLOOD DATA	
OVERTOPPING DISCHARGE	>18,260 CFS
FREQUENCY OF OVERTOPPING FLOOD	500+ YR.
OVERTOPPING FLOOD EL.	✳ 414.6 FT.

✳ OVERTOPS AT STA. 35+35.20 @ EOP

NORTH CAROLINA PROFESSIONAL SEAL 040384 ENGINEER JEFFREY C. WILSON

DocuSigned by: Jeffrey C. Wilson 844D3D599F4642A...

11/7/2022

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PROJECT NO. BR-0070

CASWELL COUNTY

STATION: 30+57.00 -L-

SHEET 1 OF 4 REPLACES BRIDGE NO. 160061

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING FOR BRIDGE OVER HOGAN'S CREEK ON NC 86 BETWEEN SR 1300 AND SR 1500

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-1
1			3			TOTAL SHEETS
2			4			39

STEWART
Firm License No. C-1051
223 S West St,
Suite 1100
Raleigh, NC 27603
T 919.380.8750
www.stewartinc.com

DRAWN BY:	J. WILSON	DATE : 11/22
CHECKED BY:	D. RUGGLES	DATE : 11/22
DESIGN ENGINEER OF RECORD:	J. WILSON	DATE : 11/22

BR-0070

11/7/2022
...\BR-0070_SMU_GD1_160061.dgn
USER:jwilson