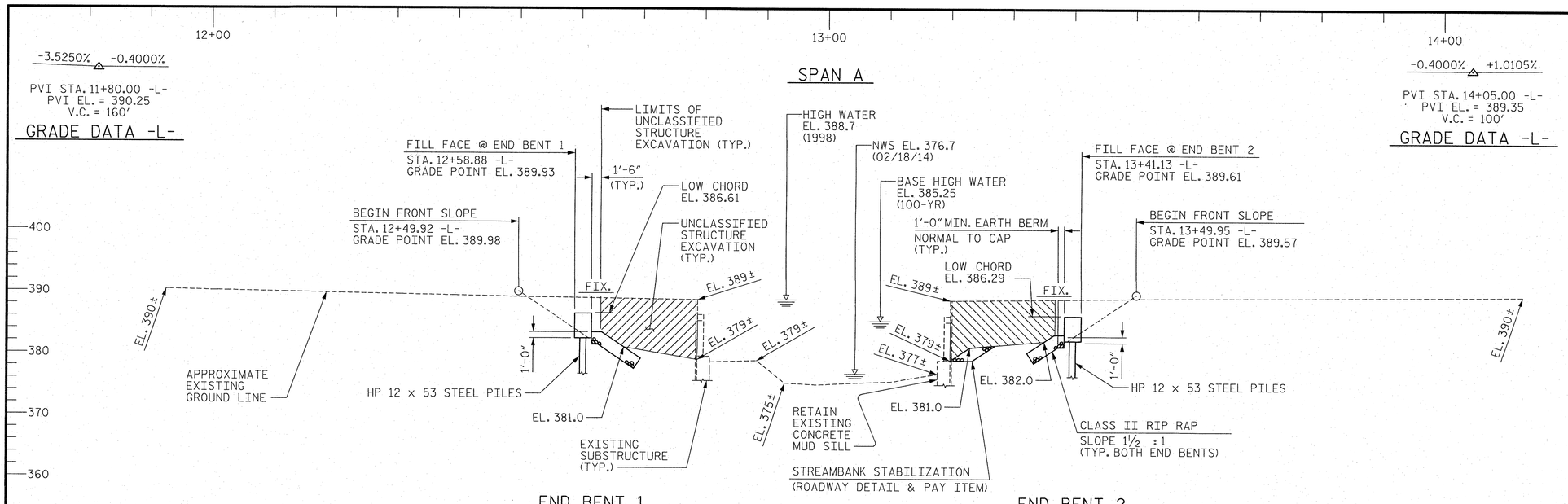
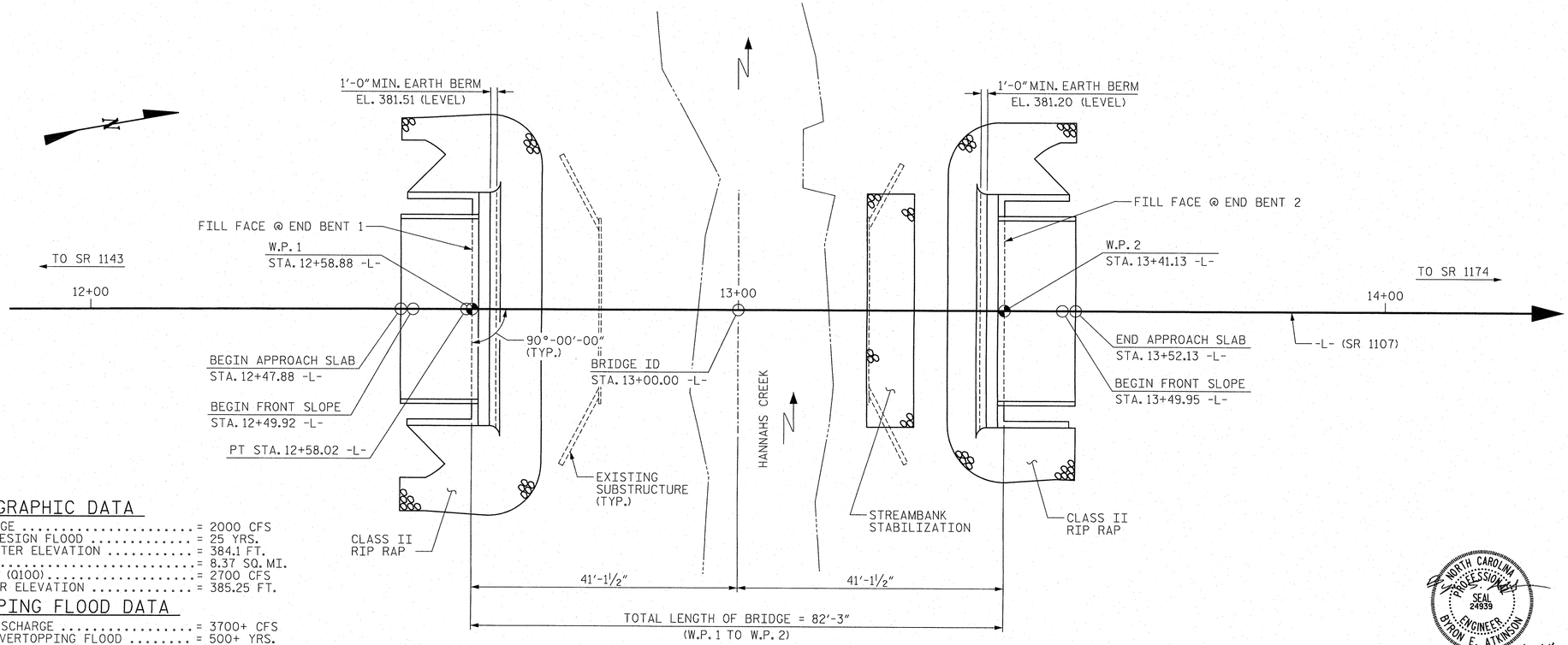


SECTION ALONG -L-

(SECTION TAKEN AT RIGHT ANGLES TO END BENTS)



PLAN

(PILES NOT SHOWN FOR CLARITY)

HYDROGRAPHIC DATA

DESIGN DISCHARGE	= 2000 CFS
FREQUENCY OF DESIGN FLOOD	= 25 YRS.
DESIGN HIGH WATER ELEVATION	= 384.1 FT.
DRAINAGE AREA	= 8.37 SQ. MI.
BASE DISCHARGE (Q100)	= 2700 CFS
BASE HIGH WATER ELEVATION	= 385.25 FT.

OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE	= 3700+ CFS
FREQUENCY OF OVERTOPPING FLOOD	= 500+ YRS.
OVERTOPPING FLOOD ELEVATION	= 389.5 FT.

I HEREBY CERTIFY THESE PLANS ARE THE AS-BUILT PLANS

PROJECT NO. 17BP.8.R.77
RANDOLPH COUNTY
STATION: 13+00.00 -L-

SHEET 1 OF 2 REPLACES BRIDGE NO. 232

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

FOR BRIDGE ON SR 1107
OVER HANNAHS CREEK
BETWEEN SR 1143 & SR 1174

NORTH CAROLINA PROFESSIONAL SEAL 24939 ENGINEER BYRON E. ATKINSON
12/02/14

DRAWN BY : J.S. ISRAELNAIM DATE : 10/14
CHECKED BY : B.E. ATKINSON DATE : 11/14
DESIGN ENGINEER OF RECORD : B.E. ATKINSON DATE : 11/14

MI ENGINEERING
1011 SCHAUB DRIVE, SUITE 100
RALEIGH, NC 27606
(919) 851-6606
FIRM PE NUMBER : P-0671

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-1
1			3			TOTAL SHEETS
2			4			15

12/2/2014
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