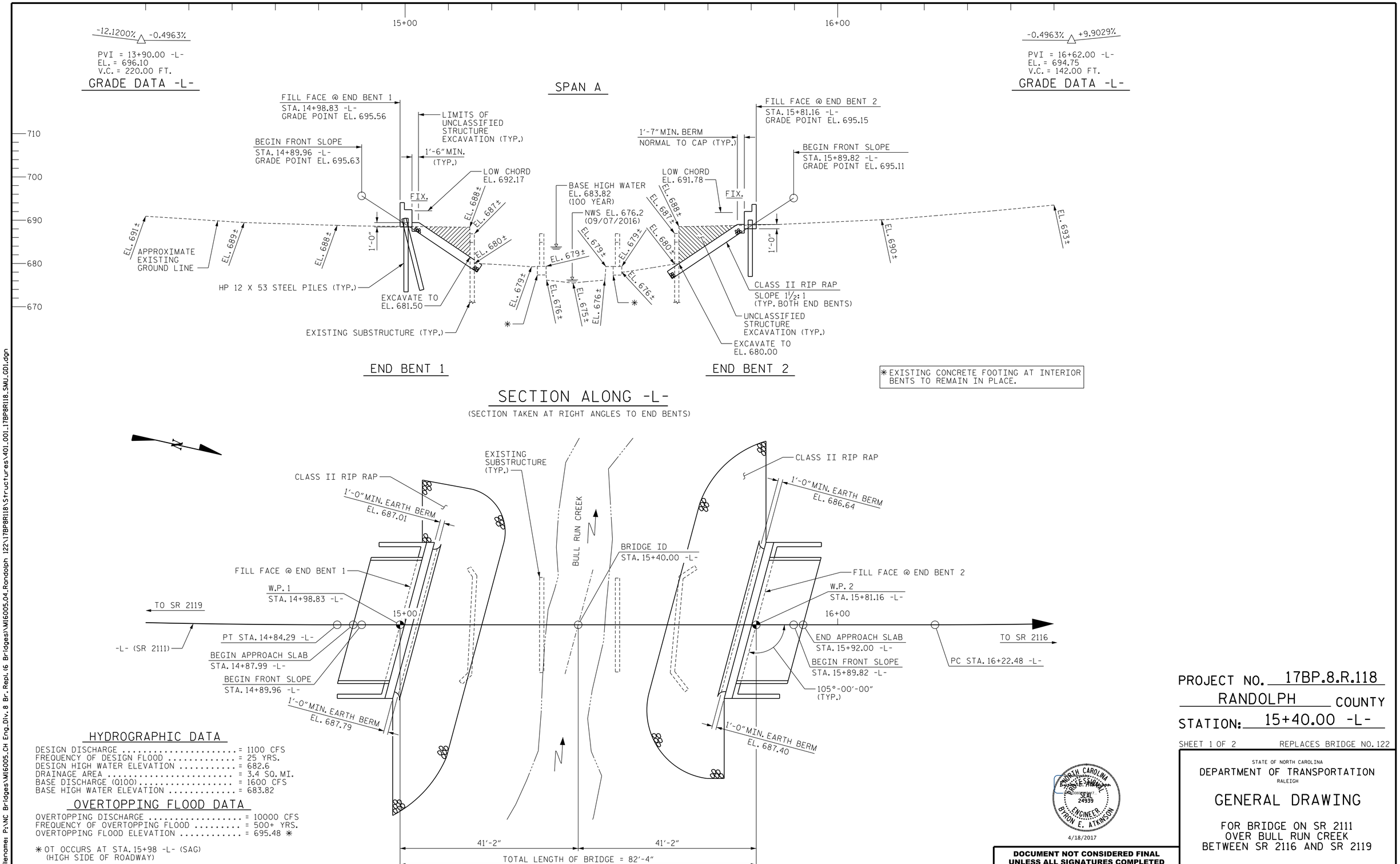

HYDROGRAPHIC DATA

DESIGN DISCHARGE ..... = 1100 CFS
FREQUENCY OF DESIGN FLOOD ..... = 25 YRS.
DESIGN HIGH WATER ELEVATION ..... = 682.6
DRAINAGE AREA ..... = 3.4 SQ. MI.
BASE DISCHARGE (Q100) ..... = 1600 CFS
BASE HIGH WATER ELEVATION ..... = 683.82

OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE ..... = 10000 CFS
FREQUENCY OF OVERTOPPING FLOOD ..... = 500+ YRS.
OVERTOPPING FLOOD ELEVATION ..... = 695.48 *

* OT OCCURS AT STA. 15+98 -L- (SAG)
(HIGH SIDE OF ROADWAY)

DRAWN BY : B.E. LANNING DATE : 01/17
CHECKED BY : B.E. ATKINSON DATE : 02/17
DESIGN ENGINEER OF RECORD : B.E. ATKINSON DATE : 03/17

4/18/2017
1:49:55 PM
User: blanning
Filename: P:\NC Bridges\M16005_CH Eng_Div. 8 Br. Repl. 16 Bridges\M16005.04_Randolph 122\17BP8R118\Structures\401.001.17BP8R118_SMU_GD1.dgn

PROJECT NO. 17BP.8.R.118
RANDOLPH COUNTY
STATION: 15+40.00 -L-

SHEET 1 OF 2 REPLACES BRIDGE NO. 122

NORTH CAROLINA PROFESSIONAL SEAL 24939 ENGINEER BYRON E. ATKINSON
4/18/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

FOR BRIDGE ON SR 2111
OVER BULL RUN CREEK
BETWEEN SR 2116 AND SR 2119

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