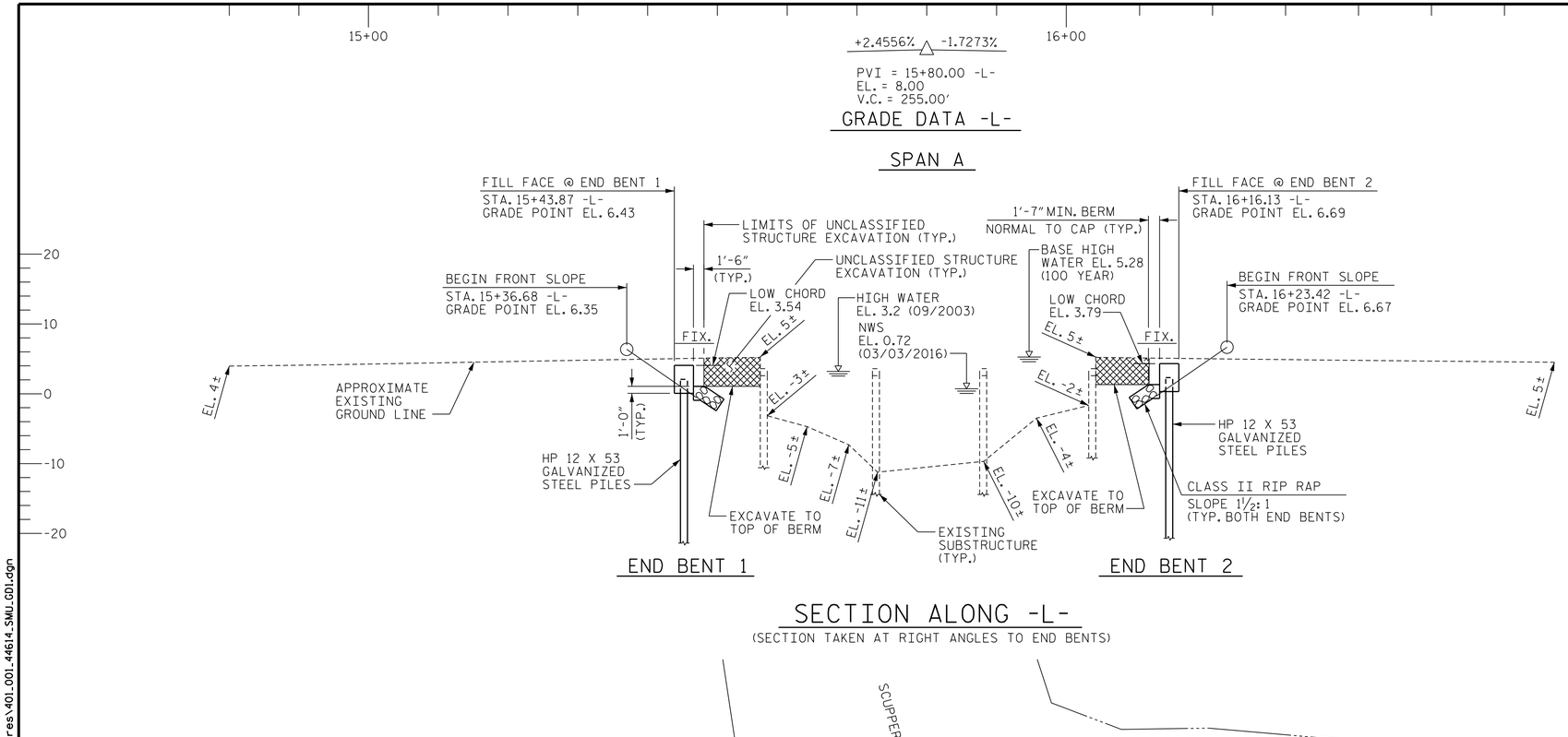
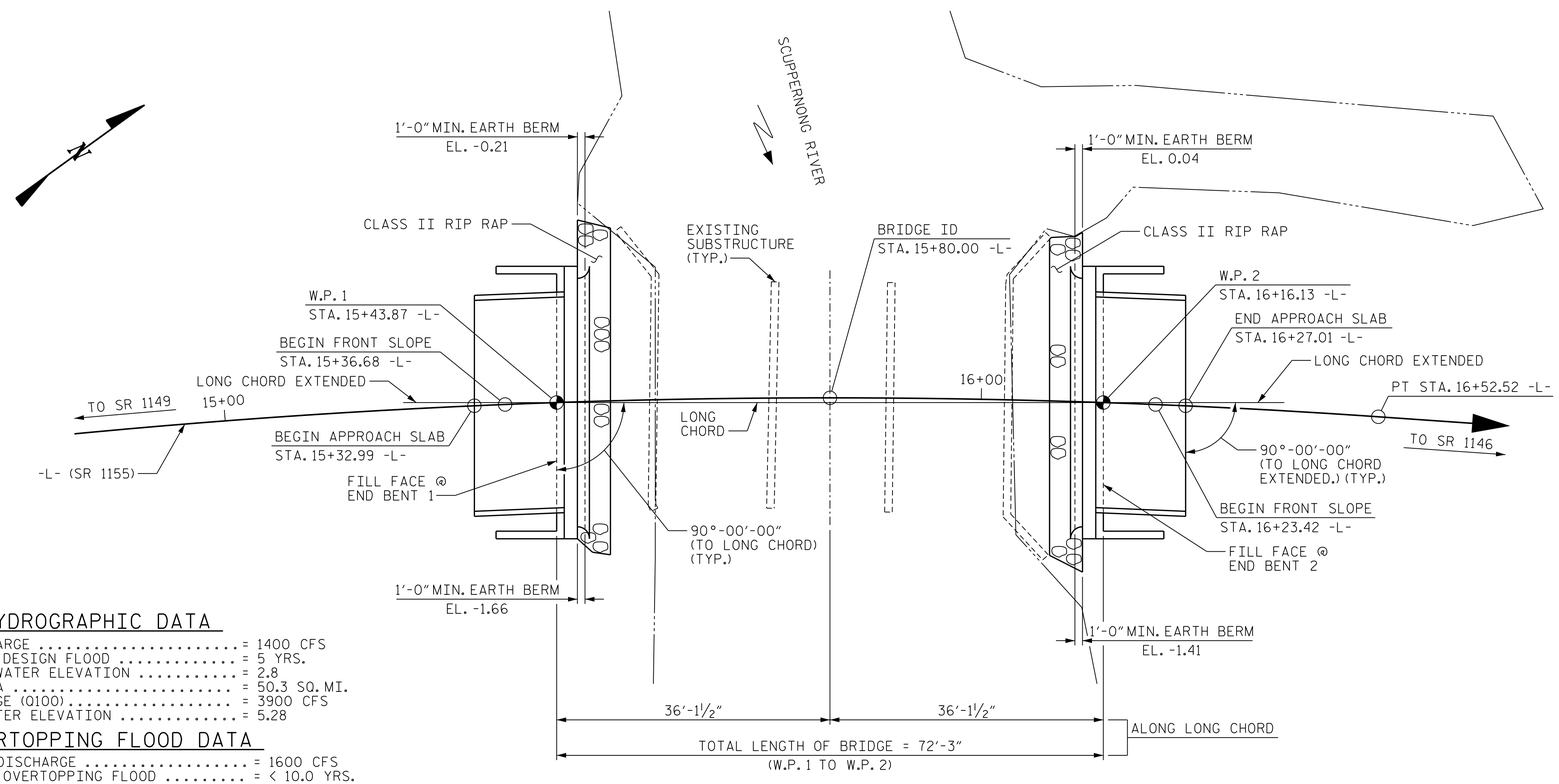


SECTION ALONG -L-

(SECTION TAKEN AT RIGHT ANGLES TO END BENTS)



PLAN

(PILES NOT SHOWN FOR CLARITY)

I HEREBY CERTIFY THESE PLANS ARE THE AS-BUILT PLANS

HORIZ. CURVE DATA -L-

PI STA. 15+08.06 -L-
Δ = 15°52'03.6" (RT.)
D = 5°27'24.3"
L = 290.79'
T = 146.33'
R = 1050.00'

HYDROGRAPHIC DATA

DESIGN DISCHARGE	= 1400 CFS
FREQUENCY OF DESIGN FLOOD	= 5 YRS.
DESIGN HIGH WATER ELEVATION	= 2.8
DRAINAGE AREA	= 50.3 SQ. MI.
BASE DISCHARGE (Q100)	= 3900 CFS
BASE HIGH WATER ELEVATION	= 5.28

OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE	= 1600 CFS
FREQUENCY OF OVERTOPPING FLOOD	= < 10.0 YRS.
OVERTOPPING FLOOD ELEVATION	= 3.0

PROJECT NO. 44614
WASHINGTON COUNTY
STATION: 15+80.00 -L-

SHEET 1 OF 2 REPLACES BRIDGE NO. 26

NORTH CAROLINA PROFESSIONAL SEAL 24939 ENGINEER BYRON E. ATKINSON
12/19/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

FOR BRIDGE ON SR 1155 OVER SCUPPERNONG RIVER BETWEEN SR 1149 AND SR 1146

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					13

DRAWN BY :	B.E. LANNING	DATE :	06/17
CHECKED BY :	B.E. ATKINSON	DATE :	06/17
DESIGN ENGINEER OF RECORD :	B.E. ATKINSON	DATE :	06/17

12/19/2017
2:30:31 PM
User: blanning
Filename: P:\NC Bridges\MI6003_VHB_Div. 1 Br. Repl. (4 Bridges)\MI6003.01_Washington 26_SPN 44614\44614\Structures\401_001_44614_SMU_G01.dgn