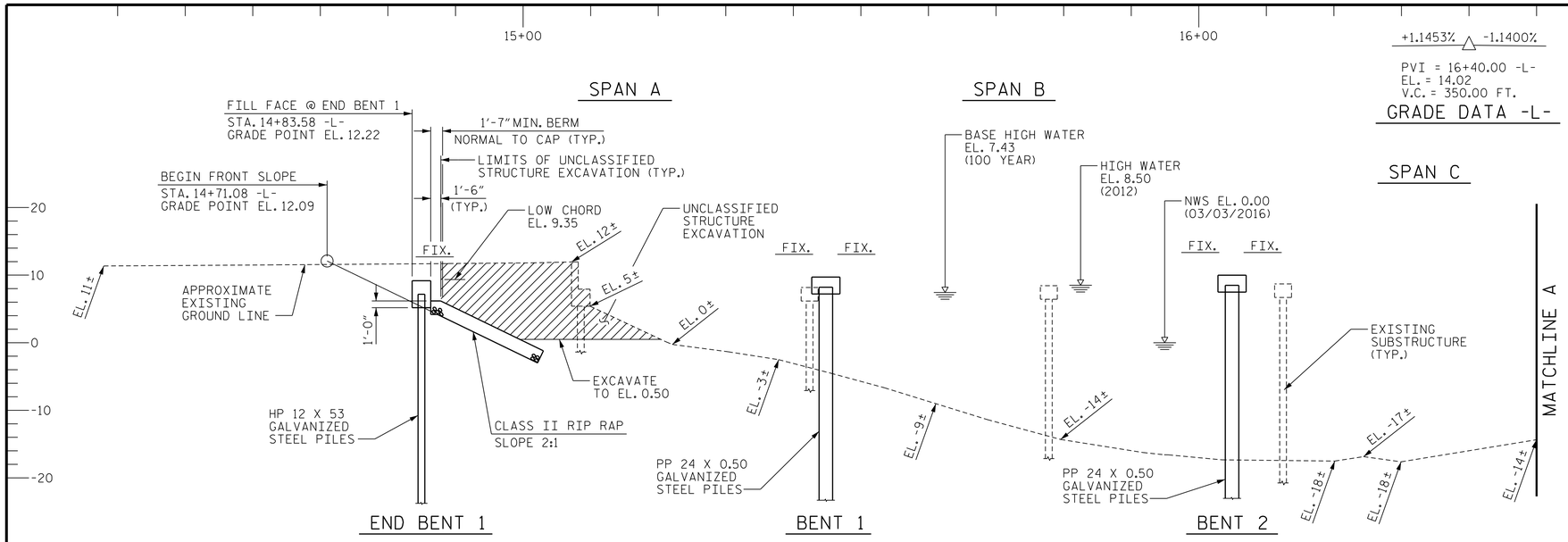
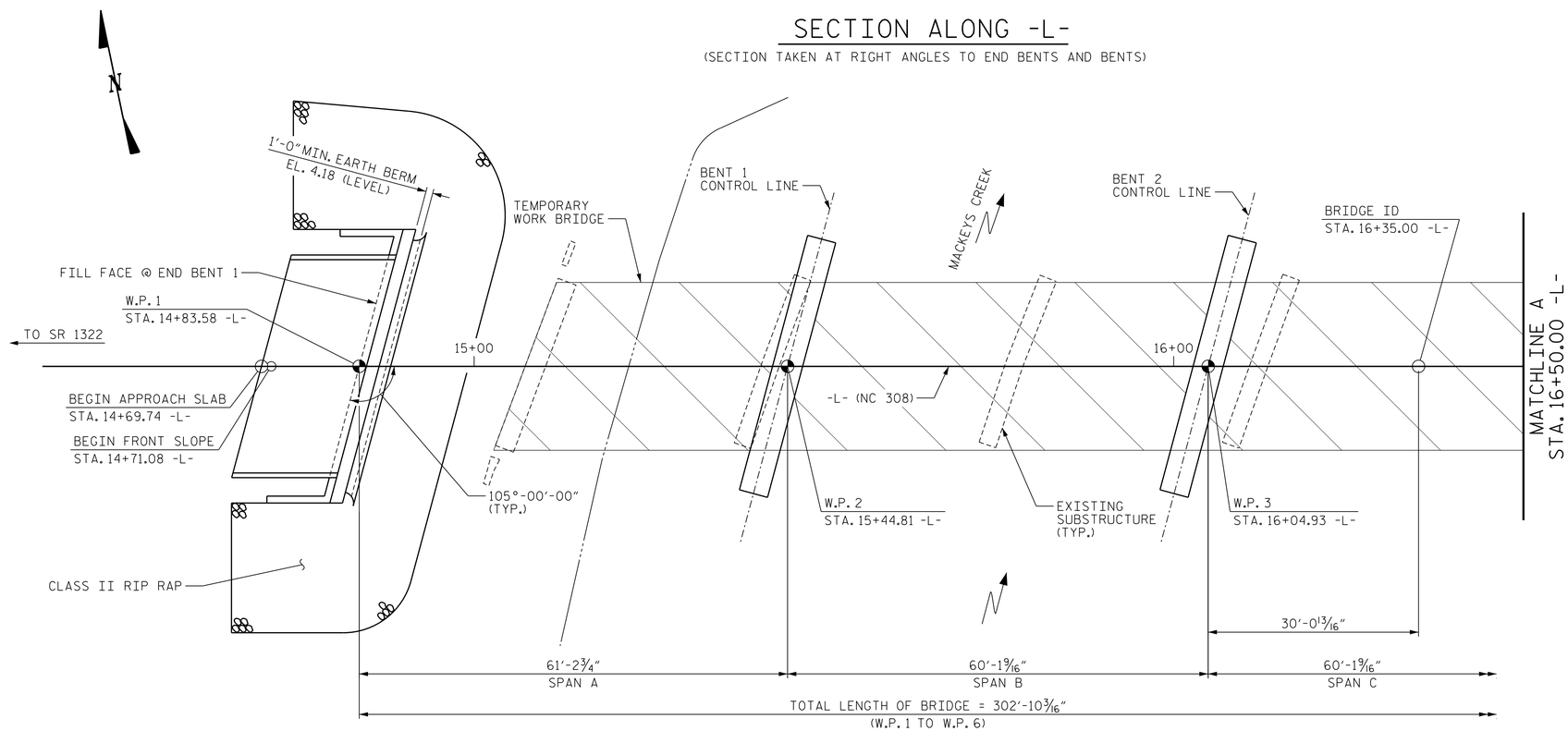


SECTION ALONG -L-

(SECTION TAKEN AT RIGHT ANGLES TO END BENTS AND BENTS)



PLAN

(PILES NOT SHOWN FOR CLARITY)

HYDROGRAPHIC DATA

DESIGN DISCHARGE ..... = 4000 CFS
FREQUENCY OF DESIGN FLOOD ..... = 50 YRS.
DESIGN HIGH WATER ELEVATION ..... = 6.5
DRAINAGE AREA ..... = 71.0 SQ. MI.
BASE DISCHARGE (0100) ..... = 4800 CFS
BASE HIGH WATER ELEVATION ..... = 7.43

OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE ..... = 4800 CFS
FREQUENCY OF OVERTOPPING FLOOD ..... = 100(-) YRS.
OVERTOPPING FLOOD ELEVATION ..... = 7.1 ✳

✳ OCCURS AT ℄ ROADWAY STA. 9+25 -L-

PROJECT NO. B-5601
WASHINGTON COUNTY
STATION: 16+35.00 -L-

SHEET 1 OF 4 REPLACES BRIDGE NO. 11

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

FOR BRIDGE ON NC 308
OVER MACKEYS CREEK
BETWEEN SR 1322 AND NC 32

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 24939 BYRON E. ATKINSON
10/17/2017

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

REVISIONS								SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:			S-1
1			3					TOTAL SHEETS
2			4					31

DRAWN BY : B.E. LANNING DATE : 08/17
CHECKED BY : B.E. ATKINSON DATE : 08/17
DESIGN ENGINEER OF RECORD : B.E. ATKINSON DATE : 08/17

10/17/2017
11:43:00 AM
User: blanning
Filename: P:\NC Bridges\MI6003_VHB_Div.1 Br. Repl. (4 Bridges)\MI6003.02_Washington 11_B-5601\B-5601\Structures\401_001_B5601_SMU_GD1.dgn