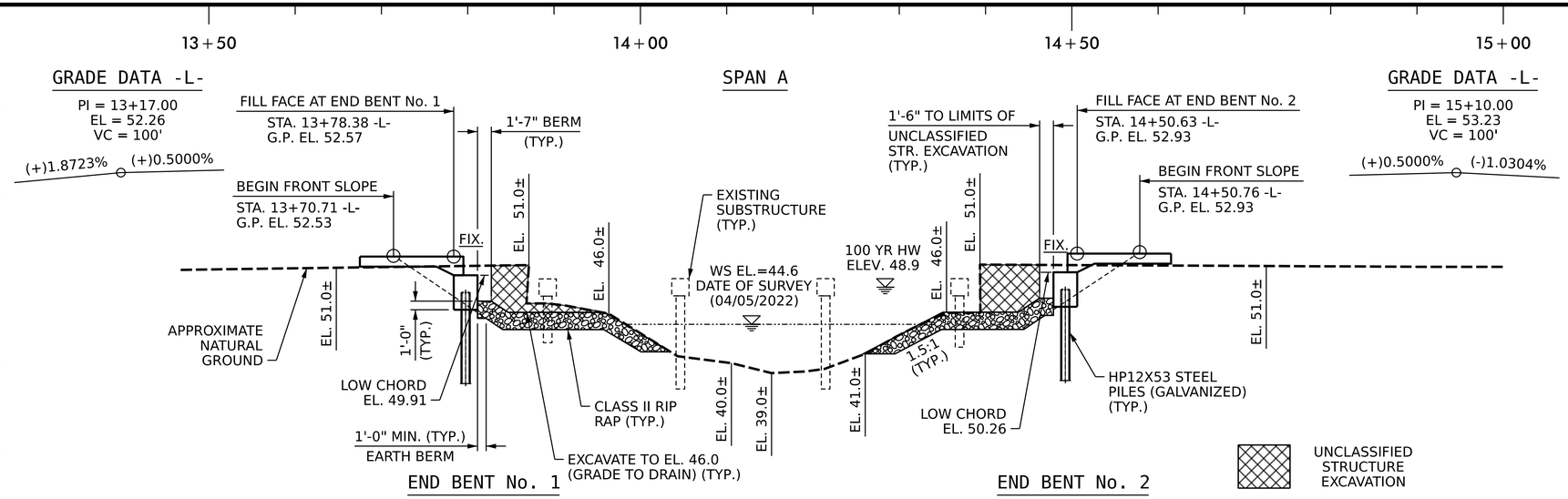
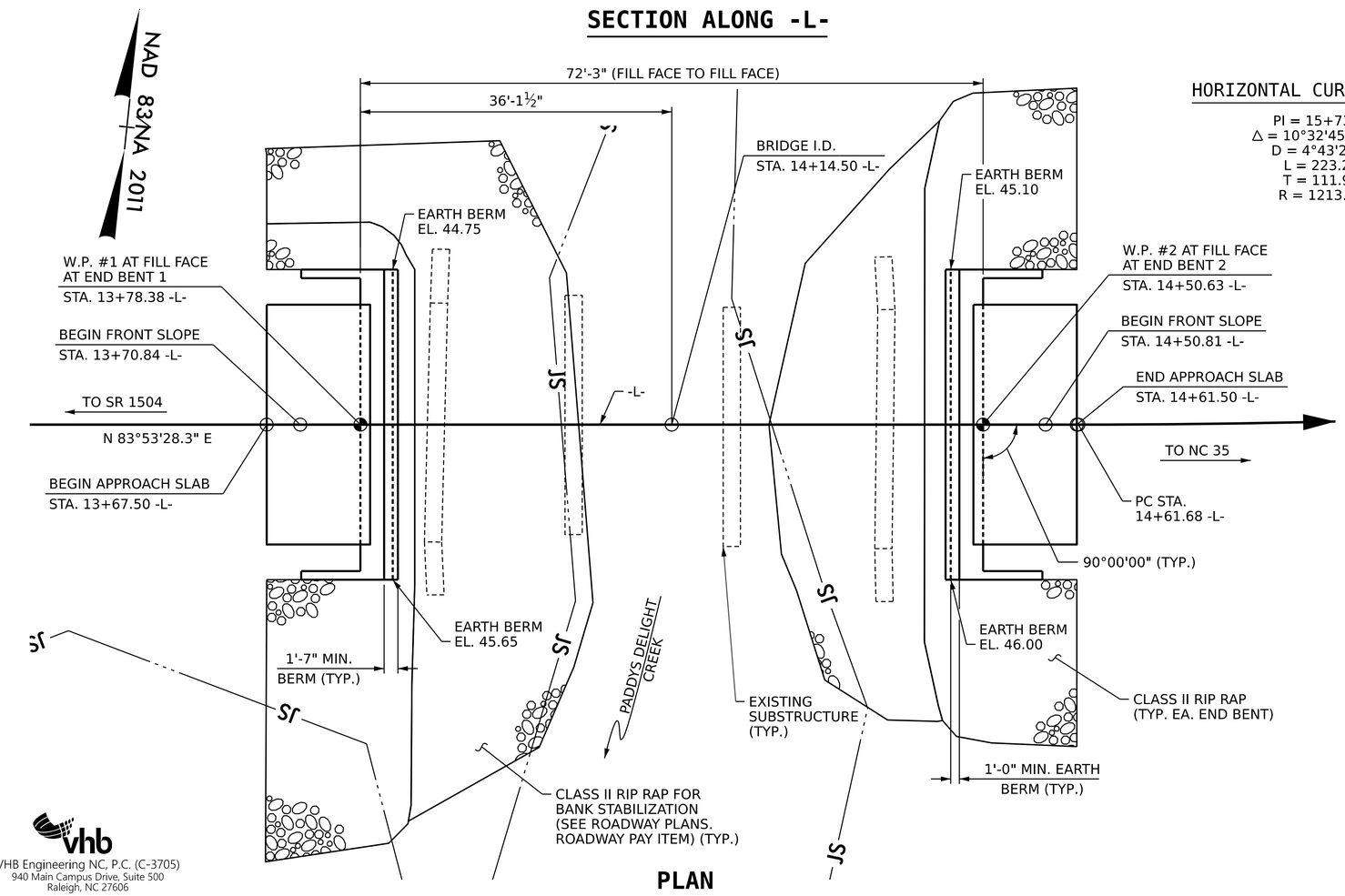


SECTION ALONG -L-



PLAN

(STEEL PILES NOT SHOWN FOR CLARITY)

HORIZONTAL CURVE DATA -L-

PI = 15+73.63
Δ = 10°32'45.5" (LT)
D = 4°43'24.5"
L = 223.27'
T = 111.95'
R = 1213.00'

I HEREBY CERTIFY THESE PLANS
ARE THE AS-BUILT PLANS

HYDRAULIC DATA

DESIGN DISCHARGE	= 1000 C.F.S.
FREQUENCY OF DESIGN FLOOD	= 25 YRS.
DESIGN HIGH WATER ELEVATION	= 47.4 FT
DRAINAGE AREA	= 9.8 SQ. MI.
BASIC DISCHARGE (Q100)	= 1765 C.F.S.
BASIC HIGH WATER ELEVATION	= 48.9 FT

OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE	= 3000 C.F.S.
FREQUENCY OF OVERRTOPPING FLOOD	= 500+ YRS.
OVERTOPPING FLOOD ELEVATION	= 49.2 FT*

*OT @ 10+88 -L- EOP

WS EL. Taken @ River Station 2347

PROJECT NO. BP1-R009
NORTHAMPTON COUNTY
STATION: 14+14.50 -L-

SHEET 1 OF 2 REPLACES BRIDGE NO. 650018

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

FOR BRIDGE OVER
PADDYS DELIGHT CREEK
ON JENKINS MILL RD
(SR 1510) BETWEEN
NC 35 AND SR 1504
(CREEKSVILLE RD)

NORTH CAROLINA PROFESSIONAL SEAL 048992 ENGINEER ELIZABETH C. PHELPS

DocuSigned by: Elizabeth Phelps A304598A0627455... 9/1/2023

REVISIONS							SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:		S-1
1			3				TOTAL SHEETS
2			4				14

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

vhb
VHB Engineering NC, P.C. (C-3705)
940 Main Campus Drive, Suite 500
Raleigh, NC 27606

DRAWN BY :	D.E. MORRISSETTE	DATE :	04/2023
CHECKED BY :	E.C. PHELPS	DATE :	04/2023
DESIGN ENGINEER OF RECORD:	E.C. PHELPS	DATE :	05/2023

9/1/2023
\\vhb.com\gbl\proj\Raleigh\38973.01 NCDOT_Div1_Bridge 18\NCDOT\Structures\Drawings\400_001_BP1-R009_SMU_GD01.dgn
dmorrissette

8/26/21