DocuSign Envelope ID: C727D45B-DFDC-434E-9FB6-90746DED0870

(+)5.5192% (-)0.5051%
PVI STA. = 60+87.00
PVI EL. = 2,653.04
VC = 1,370'
GRADE DATA
-L_LT-

68+00

(-)0.5051% (-)0.5984%
PVI STA. = 68+03.25
PVI EL. = 2,649.42'
VC = 0'
GRADE DATA
-L_LT-

(-)0.5984% (-)0.9178%

69+00

PVI STA. = 68+85.00
PVI EL. = 2,648.93'
VC = 140'
GRADE DATA
-L_LT-

(-)0.9178% (-)1.0796%

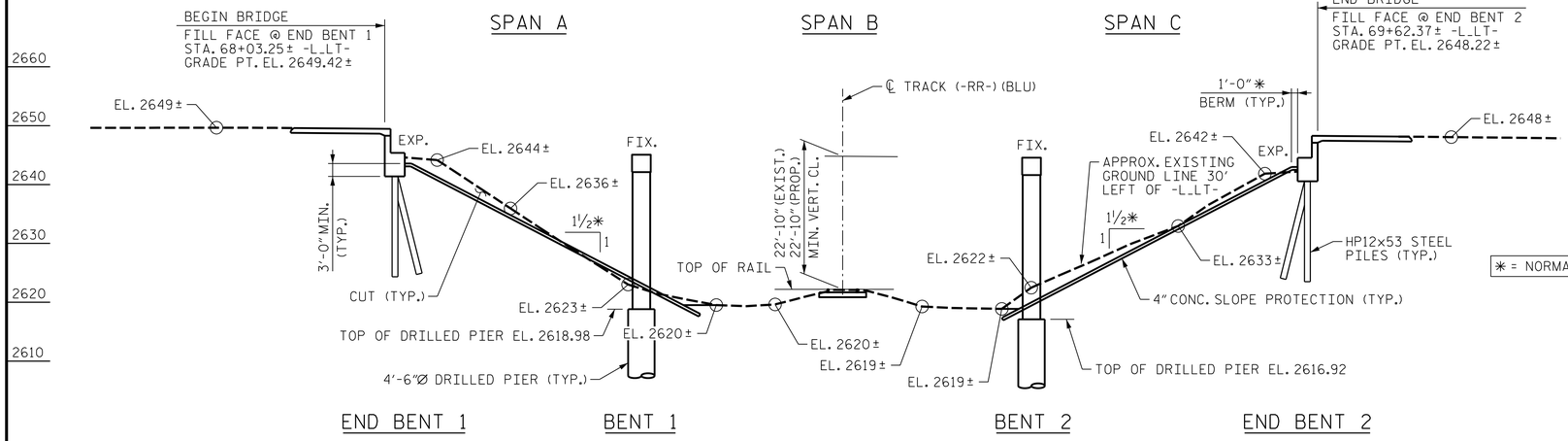
70+00

PVI STA. = 69+62.37
PVI EL. = 2,648.22'
VC = 0'
GRADE DATA
-L_LT-

(-)1.0796% (-)1.6771%
PVI STA. = 70+70.00
PVI EL. = 2,647.06'
VC = 200'
GRADE DATA
-L_LT-

NOTES

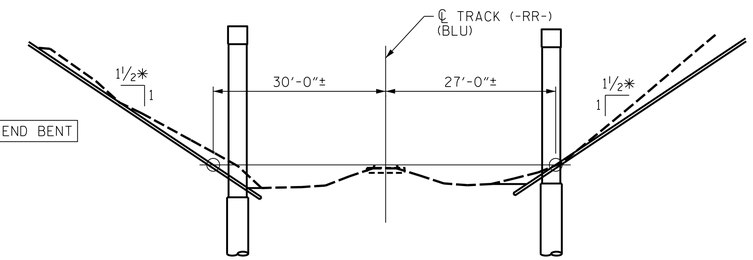
GRADE DATA, ELEVATIONS, DIMENSIONS, AND STATIONS WERE DETERMINED USING THE BEST INFORMATION AVAILABLE AND ARE PROVIDED FOR INFORMATION ONLY. THE CONTRACTOR SHALL SURVEY THE EXISTING STRUCTURE AND NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIALS.



✳ = NORMAL TO END BENT

SECTION ALONG -L_LT-

(SECTIONS AT END BENTS AND BENTS SHOWN 30' LEFT OF -L_LT- AND AT RIGHT ANGLES TO BENTS)

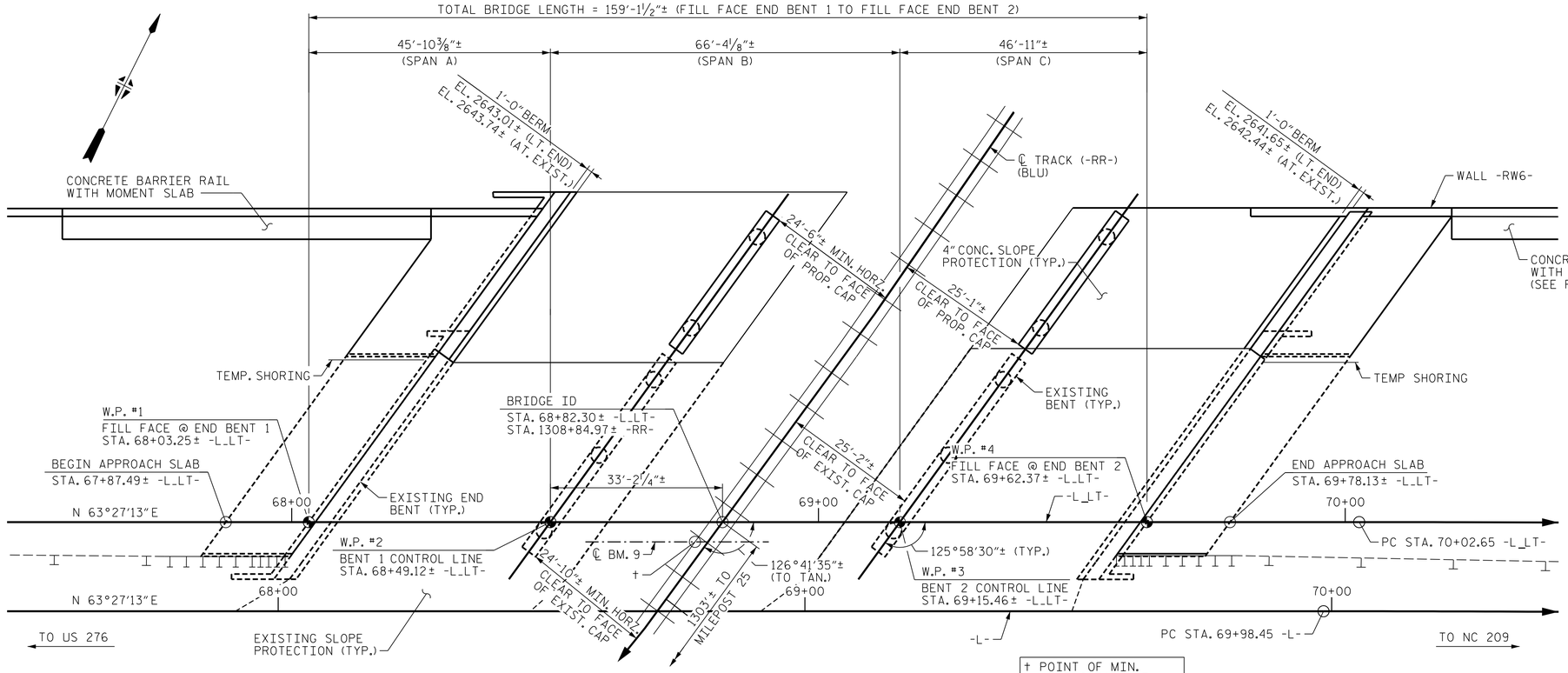


RAILROAD TYPICAL SECTION

(LOOKING IN DIRECTION OF INCREASING STATIONS ON RAILROAD)

TOP OF RAIL ELEVATIONS (STATIONS ALONG -RR-)			
LEFT RAIL		RIGHT RAIL	
STATION	ELEVATION	STATION	ELEVATION
1307+85.91	2619.31	1307+85.64	2619.29
1308+12.07	2620.04	1308+11.90	2620.05
1308+35.68	2620.71	1308+35.62	2620.71
1308+60.44	2621.54	1308+60.34	2621.47
1308+84.39	2622.21	1308+84.38	2622.15
1309+08.50	2622.88	1309+08.47	2622.80

THE RAILROAD TRACK TOP OF RAIL ELEVATIONS SHOWN ON THE PLANS ARE FROM THE BEST INFORMATION AVAILABLE. PRIOR TO BEGINNING BRIDGE CONSTRUCTION, VERIFY THE TOP OF RAIL ELEVATIONS AND REPORT ANY VARIATIONS TO THE ENGINEER. ANY PLAN REVISIONS NECESSARY TO ACHIEVE THE REQUIRED MINIMUM VERTICAL CLEARANCE WILL BE PROVIDED BY THE DEPARTMENT.



† POINT OF MIN. VERT. CLEARANCE
STA. 68+76.29 -L_LT-
OFFSET 4.10 (RT.)
EL. 2622.35

PLAN

(PILES NOT SHOWN FOR CLARITY)

PROJECT NO. B-3186/B-5898
HAYWOOD COUNTY
STATION: 68+82.30± -L_LT-
1308+84.97± -RR-
MILEPOST 24.76
SHEET 1 OF 5 WIDENING OF BRIDGE NO. 430110

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

BRIDGE ON -L_LT- (US 19/23/74 WB)
OVER THE BLUE RIDGE SOUTHERN RAILROAD
(BLU) BETWEEN US 276 AND NC 209

NORTH CAROLINA PROFESSIONAL SEAL 043854 ENGINEER ERIC M. NOLTING

Eric Nolting 1/24/2022

REVISIONS								SHEET NO. S03L-01
NO.	BY:	DATE:	NO.	BY:	DATE:			TOTAL SHEETS 44
1	--	--	3	--	--			
2	--	--	4	--	--			

HDR Engineering, Inc. of the Carolinas
555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DES BY: E. NOLTING	DATE: 03/21	DWG BY: B. PETERSON	DATE: 03/21
DES CHK: B. ROGERS	DATE: 03/21	CHK BY: B. ROGERS	DATE: 03/21

PLOT DRIVER: NCDOT STRUCTURES DEFAULT PLOTTER.plt PENTABLE: NCDOT STRUCTURES DEFAULT PEN.tbl
USER: PPETERSO DATE: 1/24/2022 TIME: 1:42:17 PM
FILE: ...\403_001_B5898B3186_SMU_GD_001_430110.dgn