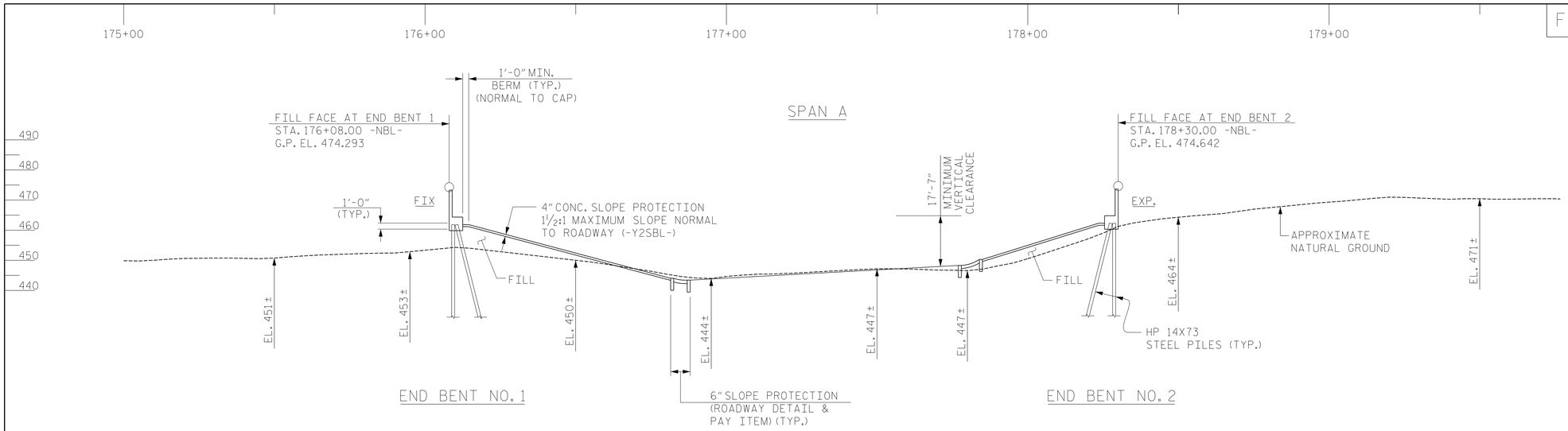
F.A. PROJECT NO.: IMS-085-4(116)215



SECTION ALONG -NBL-

SECTIONS AT END BENTS ARE AT RIGHT ANGLES

VERTICAL GRADE DATA

(+)2.1152% (-)1.4850%

PI = 176+80.00
EL = 478.63'
VC = 890'

-NBL-

(-)2.5441% (+)5.8084%

PI = 22+85.00
EL = 441.50'
VC = 660'

-Y2SBL-

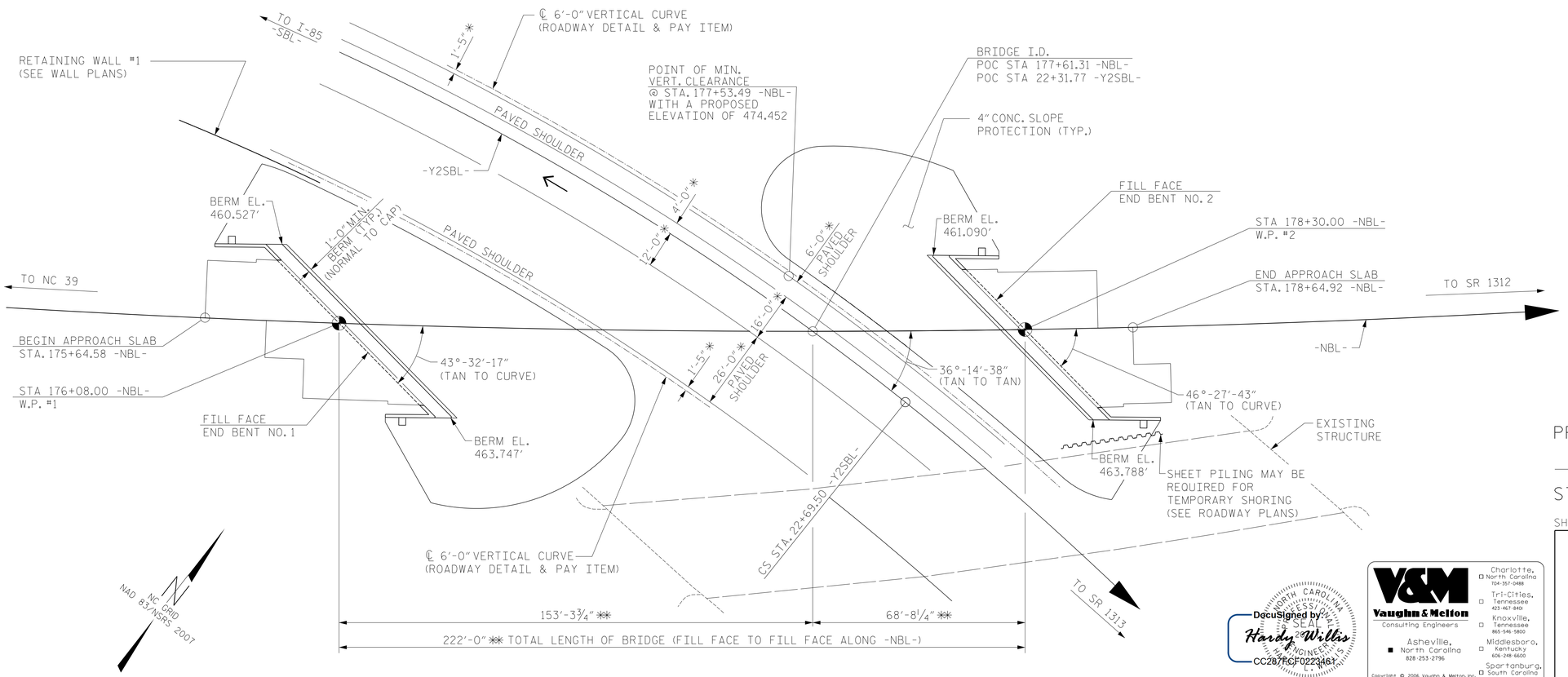
HORIZONTAL CURVE DATA

-NBL-

PI STA 174+70.17
△ = 26° 01' 03.8" (LT)
D = 1° 19' 01.7"
L = 1,975.31'
T = 1,004.98'
R = 4,350.00'

-Y2SBL-

PI STA 20+80.71
△ = 24° 24' 46.6" (RT)
D = 6° 21' 58.3"
L = 383.48'
T = 194.69'
R = 900.00'



PLAN

NOTES:
END BENTS ARE PARALLEL.
PILES NOT SHOWN IN PLAN VIEW FOR CLARITY.

✱ RADIAL DIMENSIONS
✱✱ DIMENSION MEASURED ALONG ARC

PROJECT NO. I-0914BA
VANCE COUNTY
STATION: 177+61.31 -NBL-
22+31.77 -Y2SBL-

SHEET 1 OF 4 REPLACES BRIDGE NO. 50

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

FOR BRIDGE OVER US 158 SBL
ON I-85 NBL BETWEEN
NC 39 AND SR 1312

NORTH CAROLINA PROFESSIONAL SEAL ENGINEER
DocuSigned by: Hardy Willis
CC287FCF0223461...
12/17/2014

V&M Vaughn & Melton Consulting Engineers
Charlotte, North Carolina 704-357-0488
Tri-Cities, Tennessee 423-467-8401
Knoxville, Tennessee 865-546-5800
Asheville, North Carolina 828-253-2796
Middlesboro, Kentucky 606-248-6600
Spartanburg, South Carolina 864-574-4775
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SHEET 1 OF 37		REVISIONS						SHEET NO.
DWN. BY: MAF	DATE: 5/14	NO.	BY:	DATE:	NO.	BY:	DATE:	S-49
CHKD. BY: HLW	DATE: 5/14	1			3			TOTAL SHEETS
DES. EGR. OF RECORD: RTS	DATE: 5/14	2			4			177