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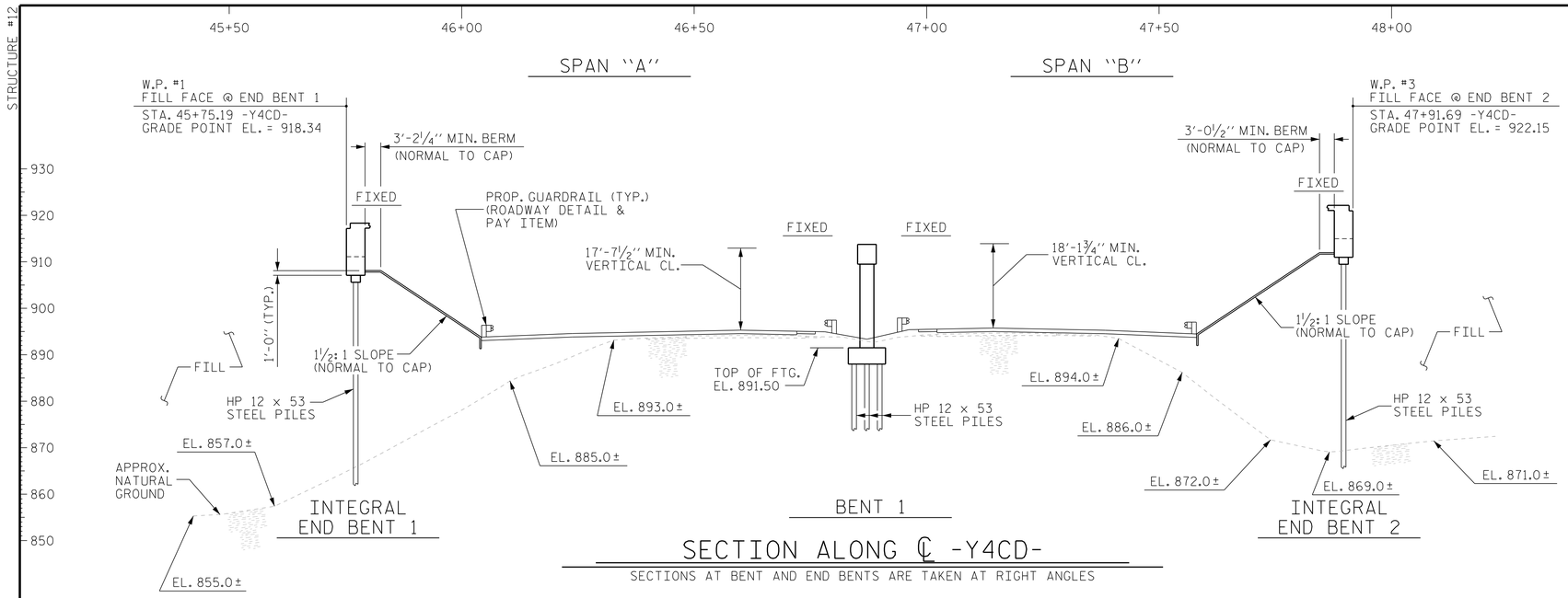
STRUCTURE #12

FEDERAL AID PROJECT NO. NHF-0918(93)



SECTION ALONG ℄ -Y4CD-

SECTIONS AT BENT AND END BENTS ARE TAKEN AT RIGHT ANGLES

GRADE DATA -Y4CD-

(+)2.5694% △ (-)3.9666%

PI = 52+93.00 -Y4CD-
EL = 936.95
K = 248'
VC = 1,620'
SSD = 731'

GRADE DATA -Y4WB-

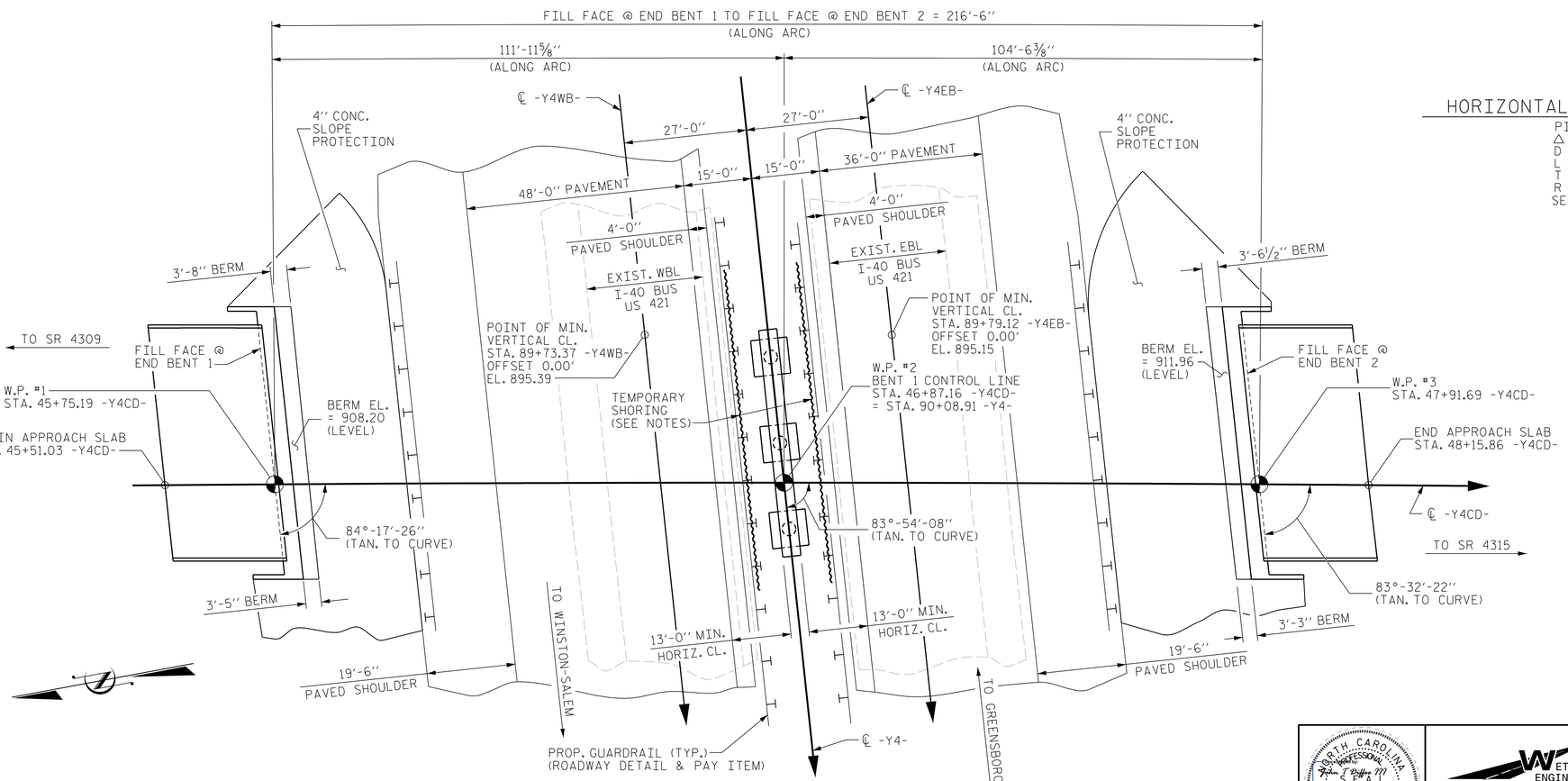
(+)1.8511% △ (-)0.8334%

PI = 84+45.00 -Y4WB-
EL = 901.09
K = 715
VC = 1,920'
SSD = 1242'

GRADE DATA -Y4EB-

(+)1.8865% △ (-)0.9559%

PI = 84+72.00 -Y4EB-
EL = 902.57
K = 725
VC = 2,060'
SSD = 1251'



PLAN

BENT AND END BENTS ARE PARALLEL TO ℄ -Y4-
(PILES NOT SHOWN IN PLAN VIEW)

HORIZONTAL CURVE DATA -Y4CD-

PI Sta 45+09.60
△ = 6°-04'-22.6"(RT)
D = 0°-20'-48.8"
L = 1,750.69'
T = 876.16'
R = 16,517.00'
SE = NC

PROJECT NO. U-2579B
FORSYTH COUNTY
STATION: 46+87.16-Y4CD-
= 90+08.91-Y4-

SHEET 1 OF 4 BRIDGE NO. 677

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

FOR BRIDGE ON -Y4CD-
OVER I-40 BUS/US 421
BETWEEN
SR 4309 AND SR 4315

REVISIONS							SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:		S-434
1			3				TOTAL SHEETS
2			4				707

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 026891 JOHN T. DIFFEE III

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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

DRAWN BY : J.M. BRITT DATE : 3-21-13
CHECKED BY : T. DIFFEE DATE : 3-25-13
DESIGN ENGINEER OF RECORD : T. DIFFEE DATE : 3-24-14

P:\2013\13109.22 U-2579B\Structures\DGN\Str 12 (Y4CD)U2579B_SD_STR12_GD1_WE1.dgn
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