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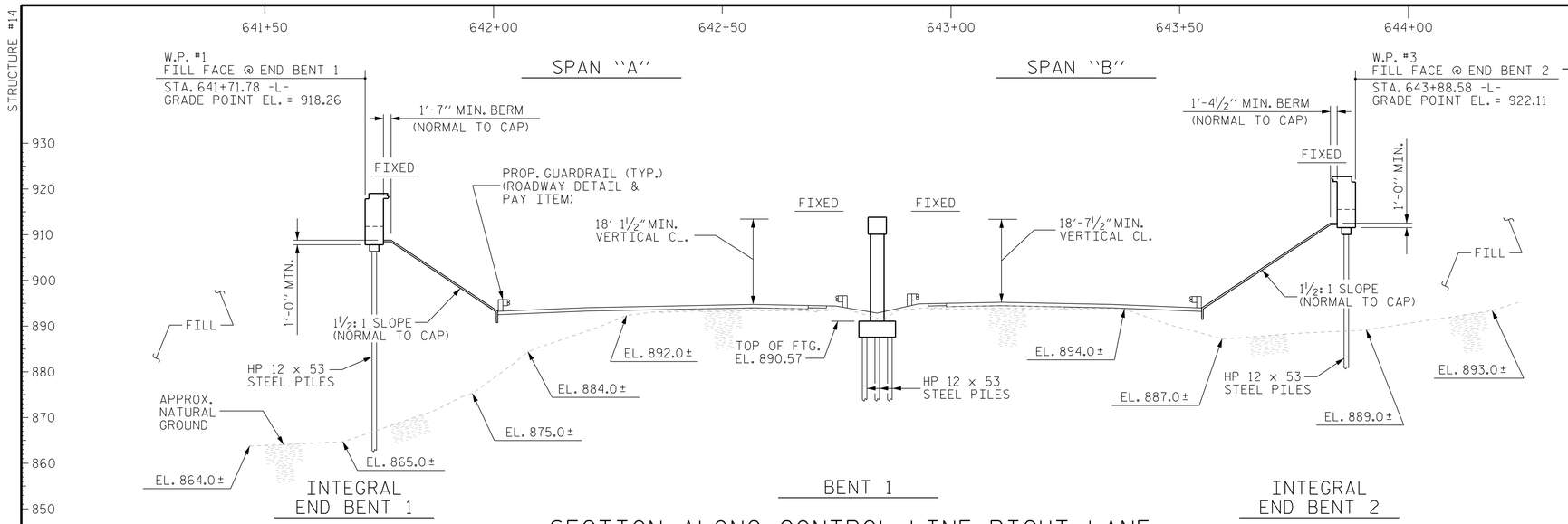
FEDERAL AID PROJECT NO. NHF-0918(93)

STRUCTURE #14



SECTION ALONG CONTROL LINE RIGHT LANE

SECTIONS AT BENT AND END BENTS ARE TAKEN AT RIGHT ANGLES

GRADE DATA -L-

(+)2.5694% △ (-)3.9666%

PI = 648+93.00 -L-
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'

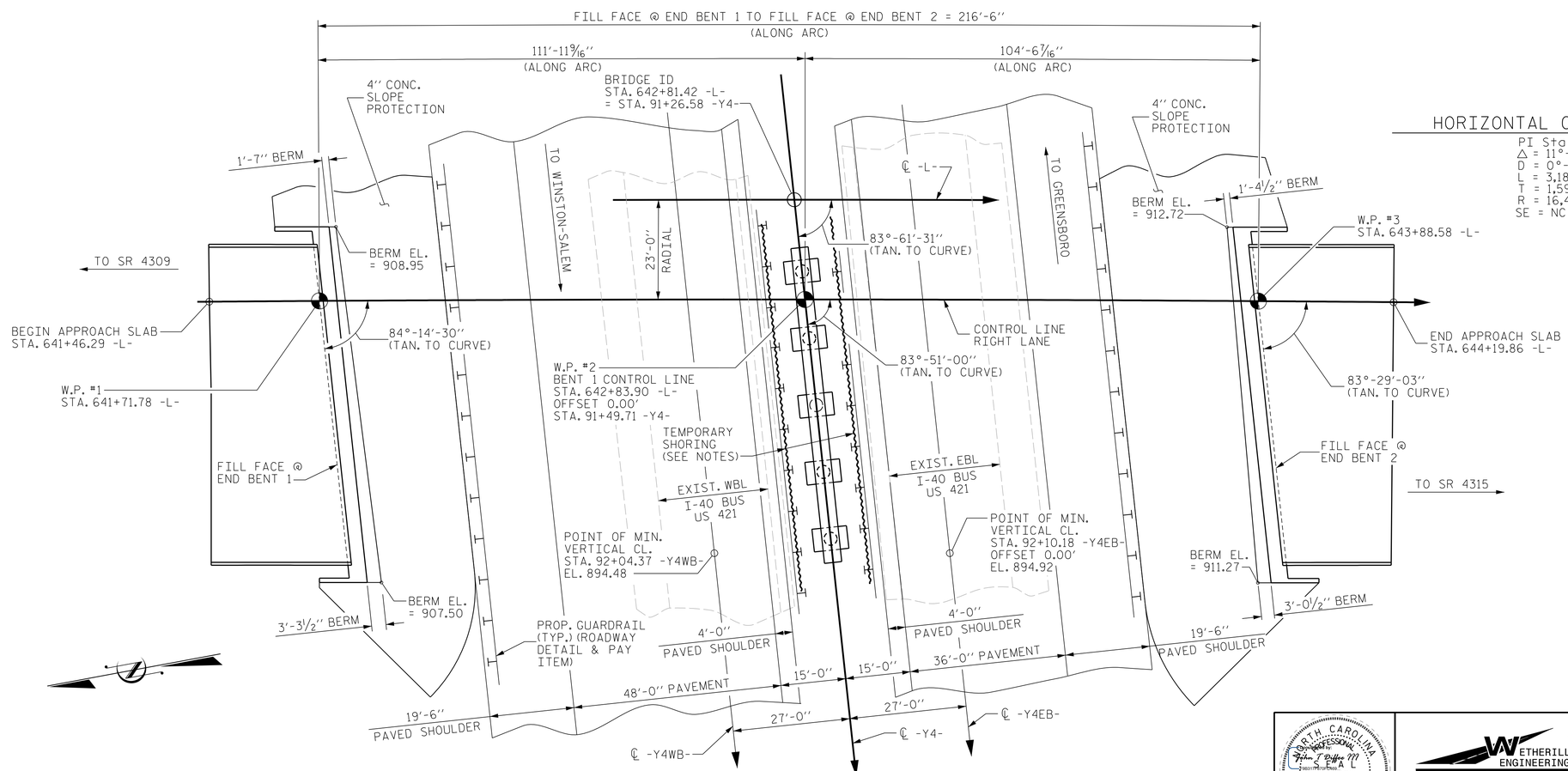
GRADE DATA -Y4EB-

(+)1.8865% △ (-)0.9559%

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

HORIZONTAL CURVE DATA -L-

PI Sta 633+75.85 -L-
△ = 11°-06'-38.0"(RT)
D = 0°-20'-57.7"
L = 3,180.22'
T = 1,595.11'
R = 16,400.00'
SE = NC



PLAN

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

PROJECT NO. U-2579B
FORSYTH COUNTY
STATION: 642+81.42 -L-
= 91+26.58-Y4-

SHEET 1 OF 4 BRIDGE NO. 679

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING
FOR
RIGHT LANE BRIDGE ON -L-
OVER I-40 BUS/US 421
BETWEEN SR 4309 AND SR 4315

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-507
1			3			TOTAL SHEETS
2			4			707

NORTH CAROLINA PROFESSIONAL SEAL 026891 ENGINEER JOHN T. DIFFEE III

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Raleigh, N.C. 27606
Bus: 919 851 8077
Fax: 919 851 8107
License: F-0377

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

DRAWN BY :	J.M. BRITT	DATE :	3-28-13
CHECKED BY :	T. DIFFEE	DATE :	4-5-13
DESIGN ENGINEER OF RECORD :	T. DIFFEE	DATE :	4-29-14

P:\2013\13109.22 U-2579B\Structures\DGN\Str 14 (L-RtLane)\U2579B_SD_STR14_GD1_WE1.dgn
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