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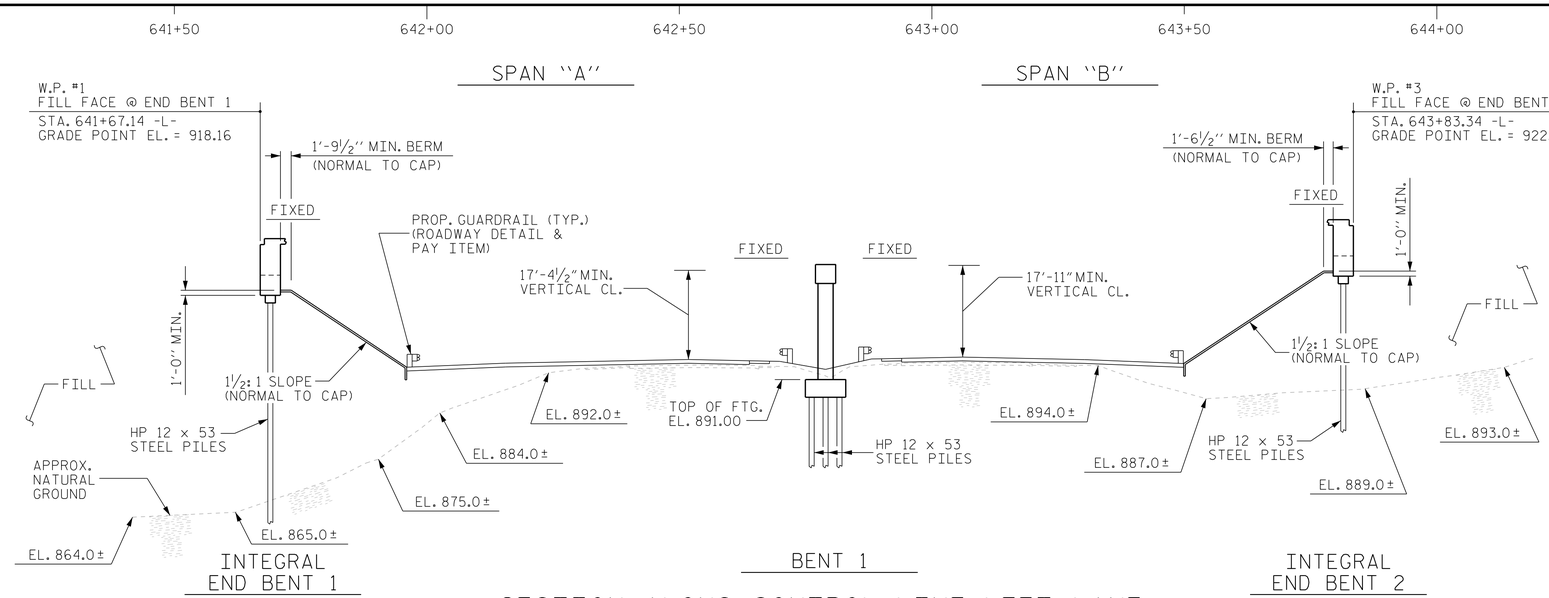
FEDERAL AID PROJECT NO. NHF-0918(93)

STRUCTURE #13



SECTION ALONG CONTROL LINE LEFT 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-

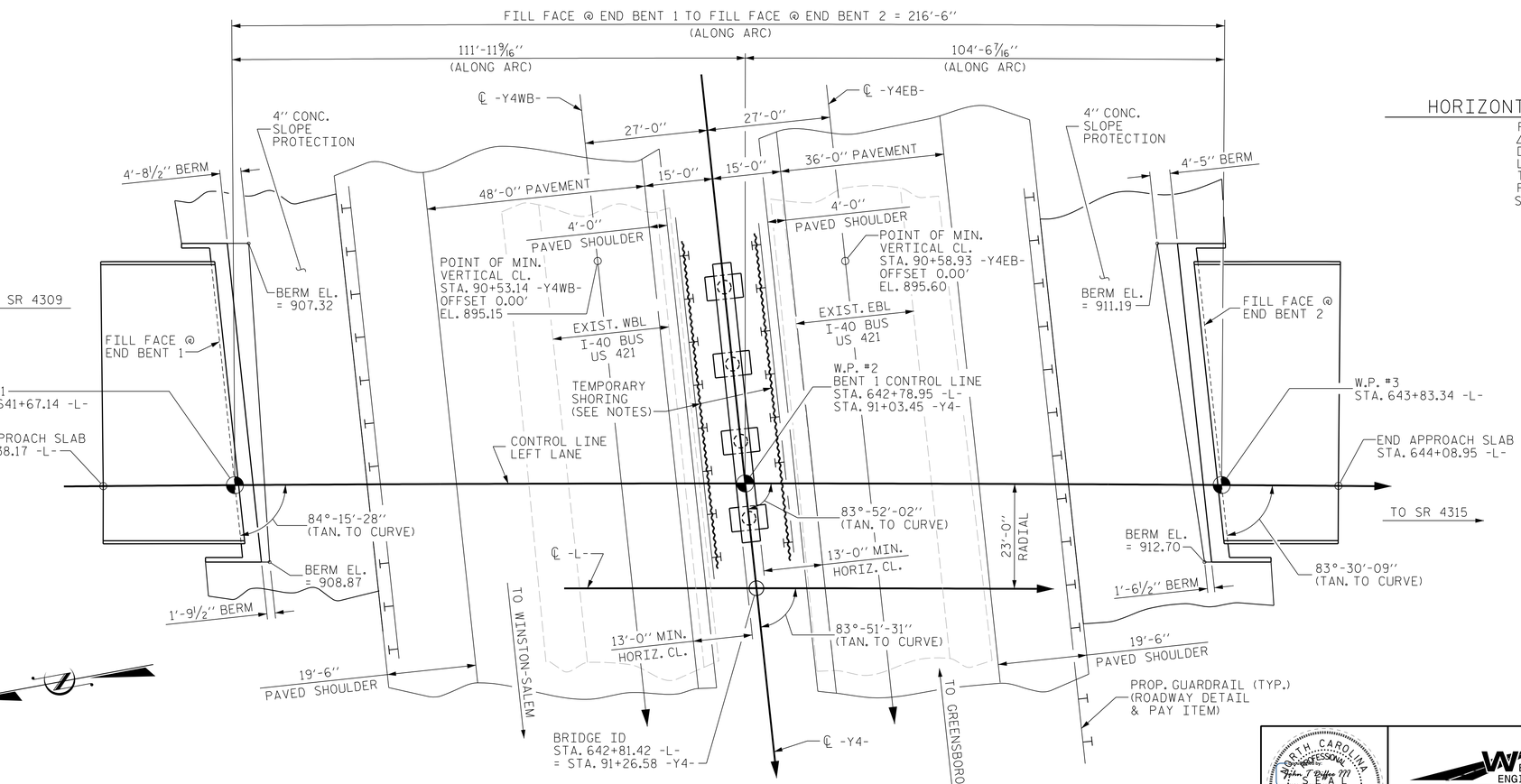
(+)1.8511% △ (-)0.8334%

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'



PLAN

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

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

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

SHEET 1 OF 4 BRIDGE NO. 678

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING
FOR
LEFT 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-470
1			3			TOTAL SHEETS
2			4			707

NORTH CAROLINA PROFESSIONAL SEAL 026891 ENGINEER JOHN T. DIFFEE

WETHERILL ENGINEERING
559 Jones Franklin Rd. Suite 164
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 : 3-26-13
CHECKED BY : T. DIFFEE DATE : 4-4-13
DESIGN ENGINEER OF RECORD : T. DIFFEE DATE : 4-29-14

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