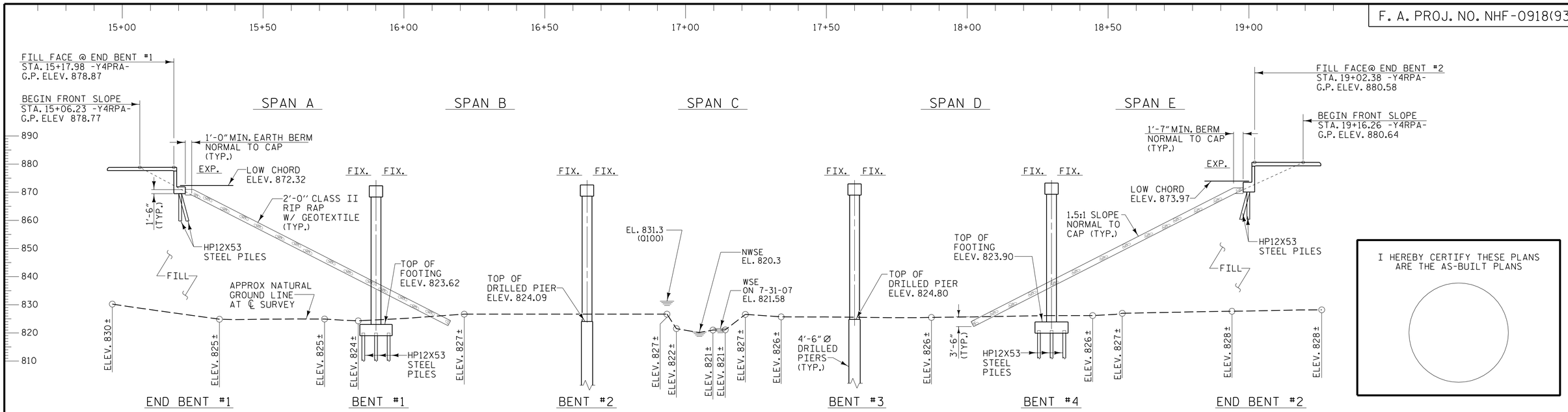
F. A. PROJ. NO. NHF-0918(93)



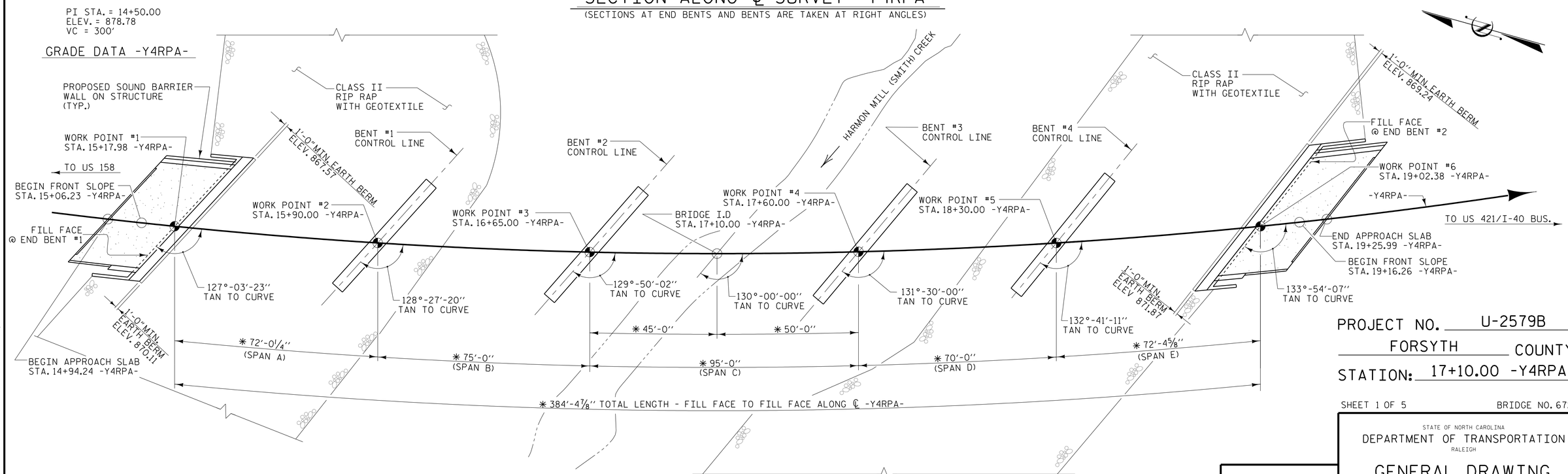
SECTION ALONG ℄ SURVEY -Y4RPA-

(SECTIONS AT END BENTS AND BENTS ARE TAKEN AT RIGHT ANGLES)

(+) 1.9823% △ (+) 0.3984%

PI STA. = 14+50.00
ELEV. = 878.78
VC = 300'

GRADE DATA -Y4RPA-



HORIZONTAL CURVE DATA -Y4RPA-

PI STA. = 28+67.56 -Y4RPA-
△ = 82°-14'-46.6" (LT)
D = 2°-59'-59.2"
L = 2741.74'
T = 1667.56'
R = 1910.00'

✱ DIMENSIONS MEASURED
ALONG ARC

PLAN

(PILES & COLUMNS NOT SHOWN FOR CLARITY)

PROJECT NO. U-2579B
FORSYTH COUNTY
STATION: 17+10.00 -Y4RPA-

SHEET 1 OF 5 BRIDGE NO. 672

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

FOR BRIDGE ON -Y4RPA- OVER
HARMON MILL (SMITH) CREEK
BETWEEN
US 158 AND US421/I-40 BUS.

PLANS PREPARED BY:
MULKEY ENGINEERS & CONSULTANTS
PO Box 33127
Raleigh, N.C. 27636
(919) 851-1912
(919) 851-1918 (FAX)
WWW.MULKEYINC.COM
NC LICENSE NO. C-1051

NORTH CAROLINA PROFESSIONAL SEAL 034352 ENGINEER TERRE R. PETERSON
5/19/2014
DocuSigned by: Terre R. Peterson
6DC417164 7CD40F

DWG. NO. RPA-1

REVISIONS							
NO.	BY:	DATE:	NO.	BY:	DATE:		
1			3				
2			4				

SHEET NO. S-218
TOTAL SHEETS 707

STR #7

DRAWN BY :	Z. H. BROWN	DATE :	2/13
CHECKED BY :	T. R. PETERSON	DATE :	2/13
DESIGN ENGINEER OF RECORD:	T. R. PETERSON	DATE :	4/23/14

5/9/2014 7:53:35 AM R:\Structures\U-2579B Ramp A\U-2579B_RPA_SD_GD_01.dgn