F. A. PROJECT No.: NHP-0918(062)

20+00 20+50 21+00 21+50 22+00 22+50

960 950 940 930 920

SPAN A SPAN B

FILL FACE @ END BENT 1
STA. 20+18.77 -Y2-
GRADE PT. EL. 953.87

BERM VARIES
NORMAL TO CAP
(TYP.)

EL. 954.0±

1'-0"
(TYP.)

FIX.

4" CONCRETE
SLOPE PROTECTION
(TYP.)

HP 12 X 53
STEEL PILES

℄ DITCH & PI
OF 6' V.C.
(ROADWAY DETAIL &
PAY ITEM) (TYP.)

18'-0⅛"
MIN. VERT.
CLEARANCE

FIX. FIX.

EL. 955.0±

18'-7⅝"
MIN. VERT.
CLEARANCE

HP 14 X 73
STEEL PILES

TOP OF FOOTING
EL. 924.88

BENT 1

FILL FACE @ END BENT 2
STA. 22+40.02 -Y2-
GRADE PT. EL. 956.00

FIX.

APPROXIMATE
NATURAL GROUND
LINE

EL. 956.0±

1½:1 SLOPE
(NORMAL TO CAP)
(TYP.)

HP 12 X 53
STEEL PILES

INTEGRAL
END BENT 1

INTEGRAL
END BENT 2

GRADE DATA

(-)1.0174% (+)1.1223%

PI STA. = 16+10.00 -Y2-
EL. = 948.93
L = 1220'

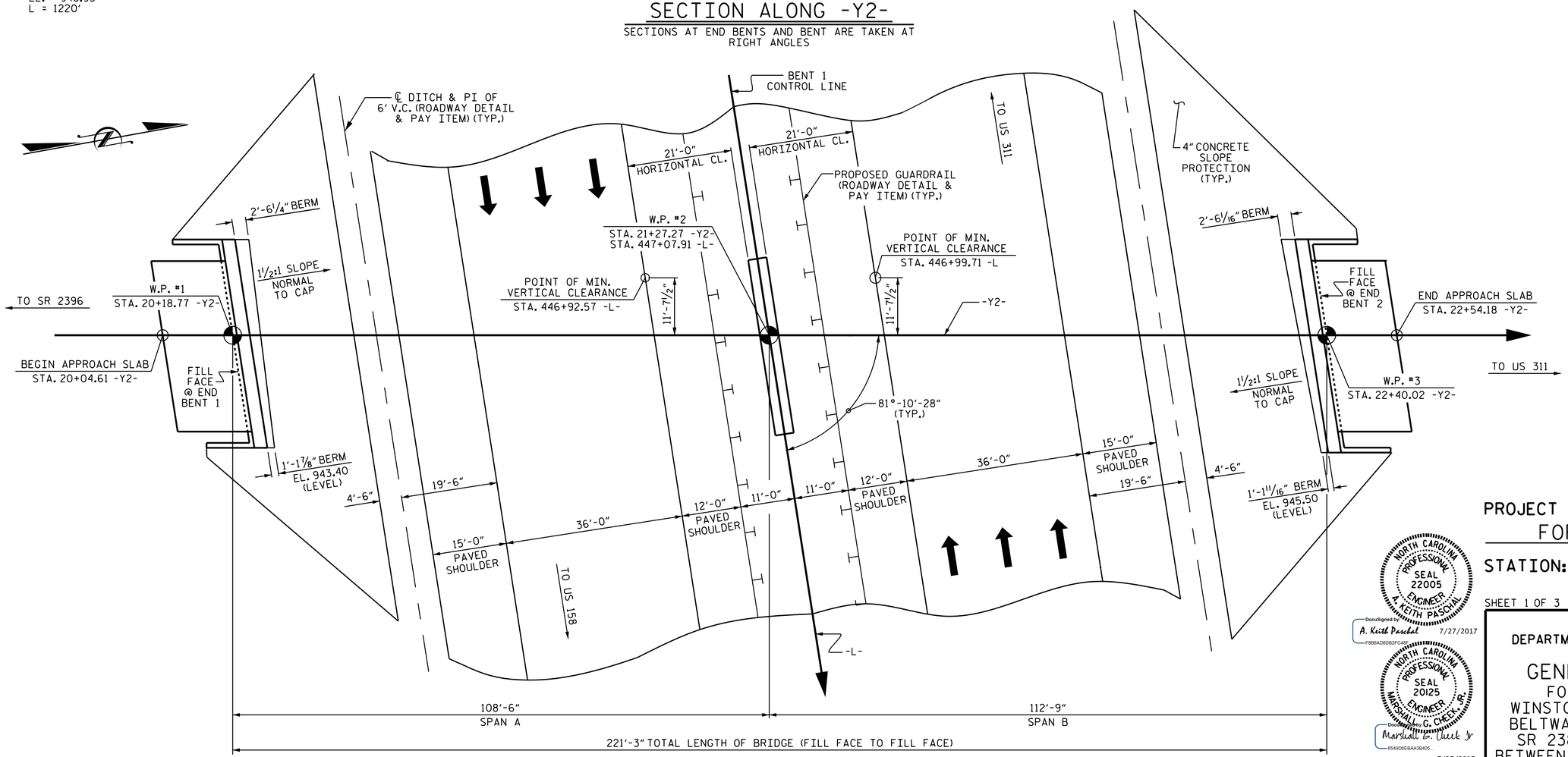
GRADE DATA

(+)1.1223% (+)1.3023%

PI STA. = 25+50.00 -Y2-
EL. = 959.48
L = 200'

SECTION ALONG -Y2-

SECTIONS AT END BENTS AND BENT ARE TAKEN AT RIGHT ANGLES



PLAN

(PILES, COLUMNS, & FOOTINGS NOT SHOWN FOR CLARITY)

NORTH CAROLINA PROFESSIONAL SEAL 22005 ENGINEER A. KEITH PASCHAL
DocuSigned by: A. Keith Paschal 7/27/2017
F8B6AD6DB2FC4BC...

NORTH CAROLINA PROFESSIONAL SEAL 20125 ENGINEER MARSHALL G. CHEEK, JR.
DocuSigned by: Marshall G. Cheek Jr
6549D6EBAA3B405...
7/27/2017

PROJECT NO. U-2579C
FORSYTH COUNTY
STATION: 447+07.91 -L-
21+27.27 -Y2-

SHEET 1 OF 3 BRIDGE NO. 701

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING
FOR BRIDGE OVER
WINSTON-SALEM NORTHERN
BELTWAY (FUTURE I-74) ON
SR 2381 (WILLISTON RD.)
BETWEEN SR 2396 AND US 311

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S2-1
1			3			TOTAL SHEETS
2			4			30

DRAWN BY : ARIADNE L. PALMA P. DATE : 09/19/16
CHECKED BY : T. L. AVERETTE DATE : 04/24/17
DESIGN ENGINEER OF RECORD: H.A. LOCKLEAR DATE : 6/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

26-JUL-2017 15:05
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mcheek

STR #2