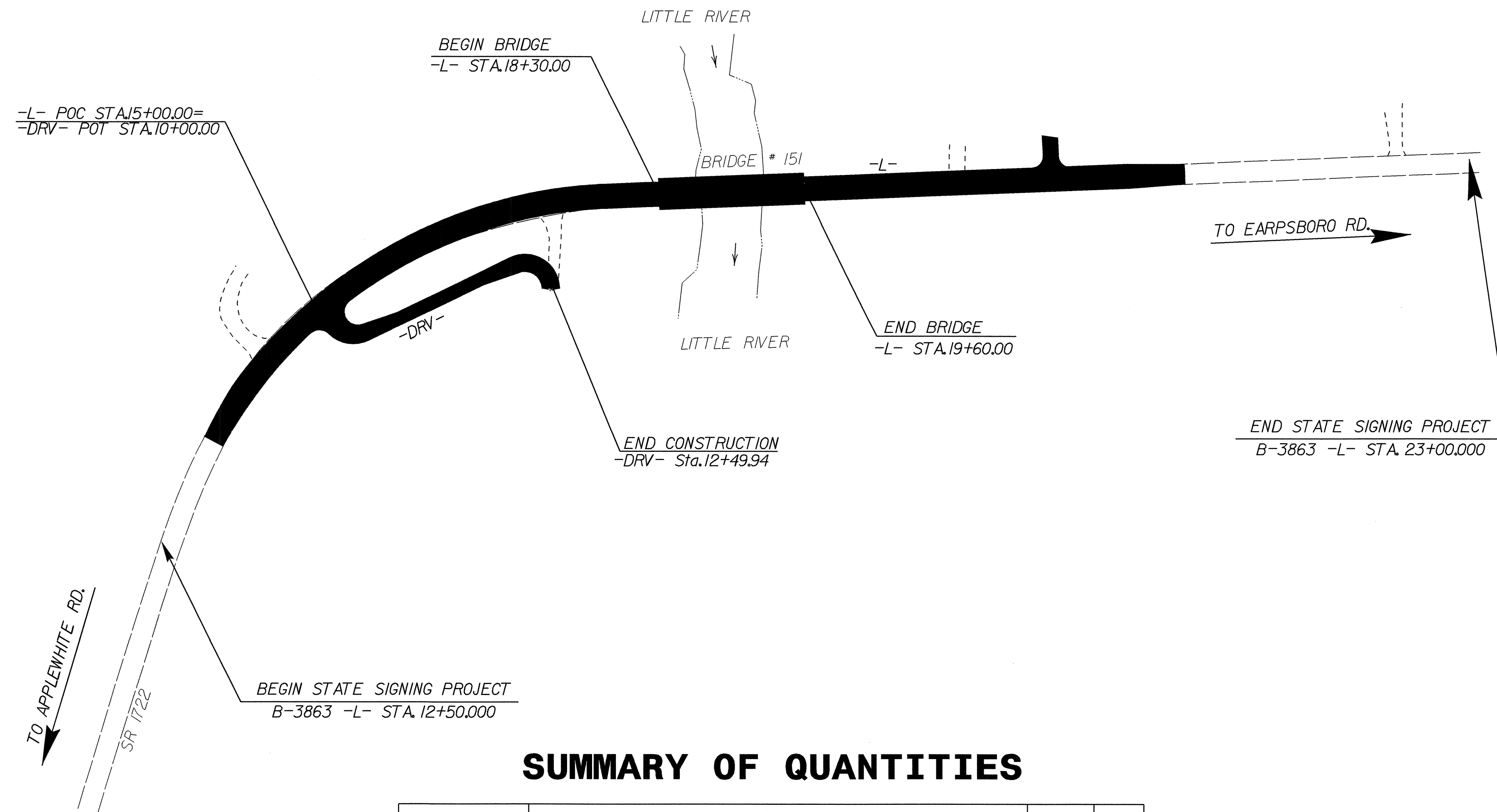


STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

TIP NO. B-3863	SHEET NO. SIGN-1
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SIGNING PLANS
JOHNSTON COUNTY

LOCATION: REPLACEMENT OF BRIDGE NO. 151 ON SR 1722 OVER LITTLE RIVER



SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000	901	CONTRACTOR FURNISHED, TYPE D SIGN.....	16.60	S.F.
4025000000	901	CONTRACTOR FURNISHED, TYPE E SIGN.....	42.25	S.F.
4072000000	903	SUPPORTS, 3-LB STEEL U-CHANNEL.....	173	L.F.
4096000000	904	SIGN ERECTION, TYPE D.....	2	EA.
4102000000	904	SIGN ERECTION, TYPE E.....	13	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE E.....	2	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL.....	13	EA.
4158000000	907	DISPOSAL OF SIGN SYSTEM, WOOD.....	2	EA.
4192000000	907	DISPOSAL OF SUPPORT, U-CHANNEL.....	1	EA.

ROADWAY STANDARD DRAWINGS
APPLICABLE TO THESE SIGNING PLANS
901.50 904.10 904.50

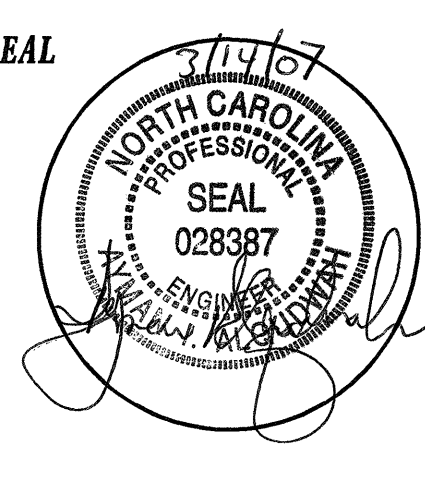
INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	SIGN DESIGN & TYPE "E" SIGNS
3	EXISTING/PROPOSED ROADWAY

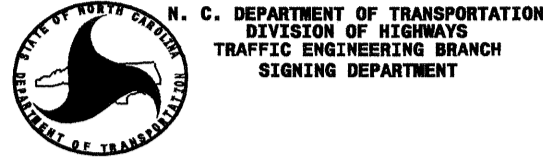
PLAN PREPARED BY: N.C.D.O.T. SIGNING SECTION

SEAL

R. W. KING, P.E. SIGNING ENGINEER
A. I. ALQUDWAH, P.E. SIGNING PROJECT ENGINEER
D. M. EATON SIGNING PROJECT DESIGN ENGINEER
R. R. HENNEIN SIGNING DESIGNER

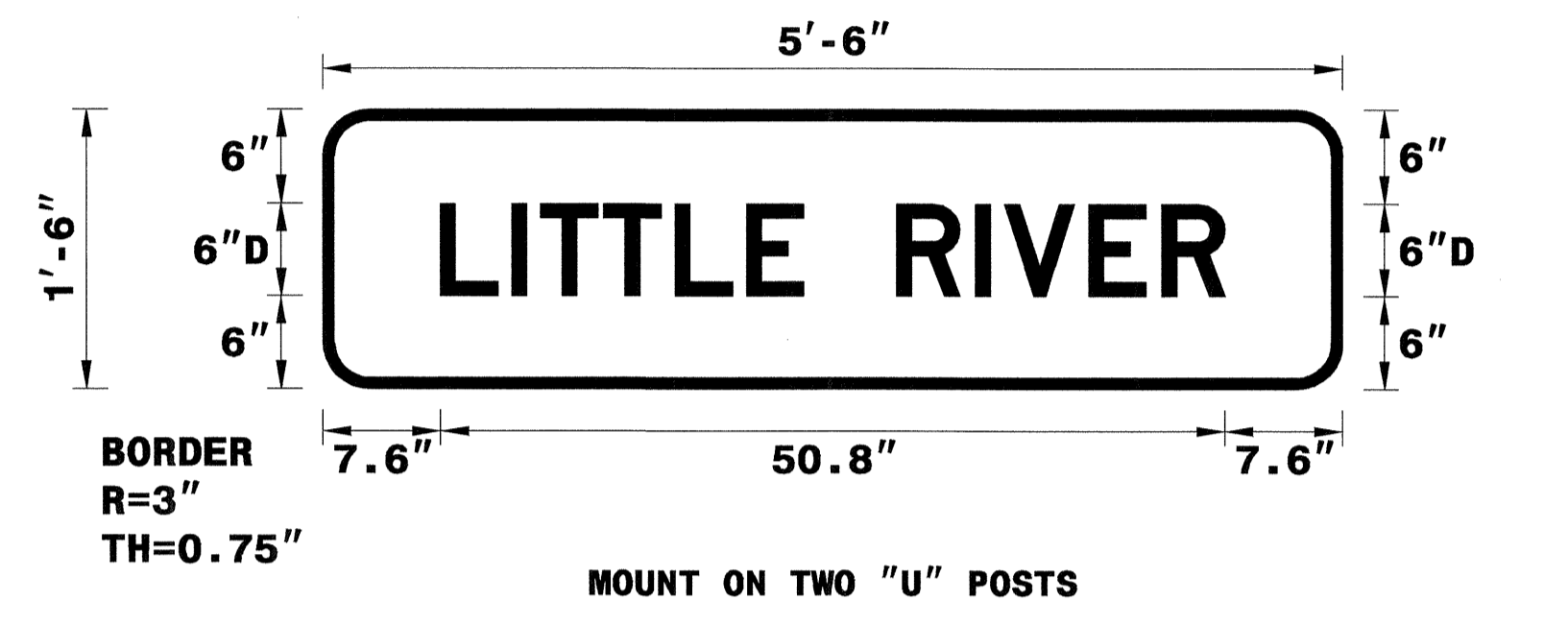


CONTRACT NO.: C201643 T.I.P.: B-3863



SIGN NUMBER: 301,302
TYPE: D
QUANTITY: 2
SIGN WIDTH: 66"
HEIGHT: 18"
TOTAL AREA: 8.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"
NO. Z BARS:
LENGTH:
BACKG COLOR: Green
COPY COLOR: White
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R. HENNEIN
PROJECT ID: B-3863
CHECKED BY:
DIV: 4
STD #: N/A
DATE: Mar 02,2007



LETTER POSITIONS

Letter spacings are to start of next letter

Letter spacings are to start of next letter													Series/Size	Text Length
L	I	T	T	L	E	R	I	V	E	R			D 2000	50.8
7.6	4.6	1.9	4.1	4.6	3.7	6	5.1	1.9	5.5	4.7	4.1	7.6		

Spacing Factor is 1 unless specified otherwise

FILENAME: signdesign

NORTH CAROLINA D.O.T. SIGN DETAIL

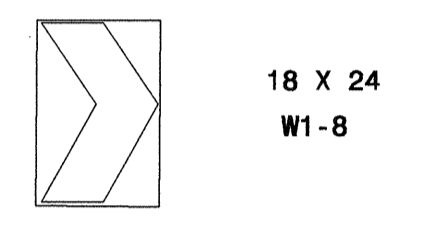
TIP NO. B-3863	SHEET NO. SIGN-2
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464 QUANTITY REQ'D _1_



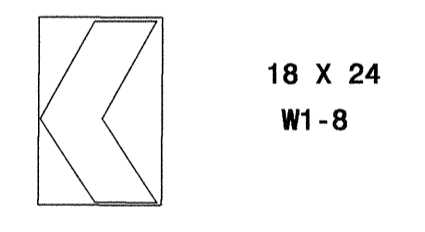
ONE "U" POST PER SIGN

465 QUANTITY REQ'D _6_



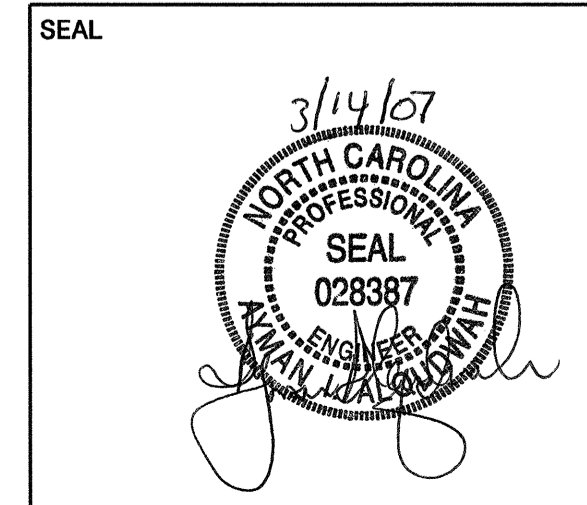
ONE "U" POST PER SIGN

466 QUANTITY REQ'D _6_

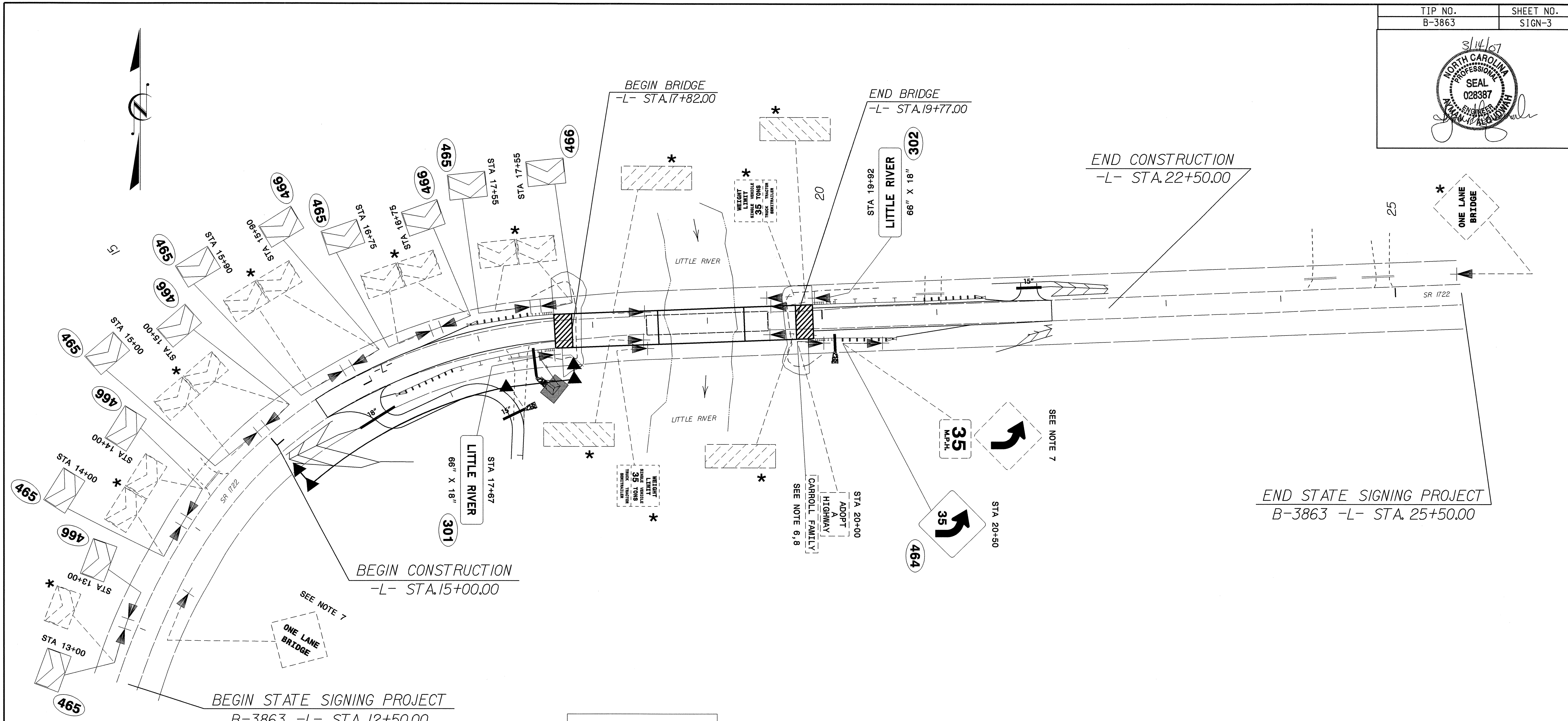
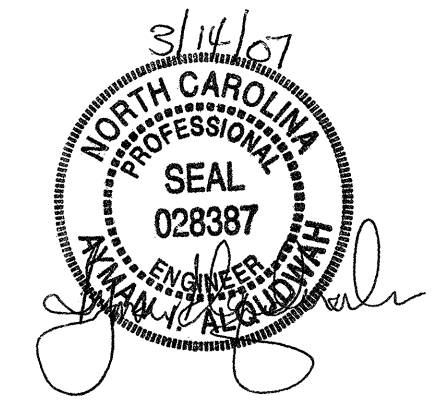


MOUNT BACK TO BACK WITH SIGN 465
IN 6 INSTALLATIONS

NOTE: THIS DRAWING IS DIMENSIONED
IN INCHES UNLESS OTHERWISE
DEPICTED WITHIN THE DRAWING.



**SIGN DESIGN
&
TYPE "E" SIGNS**



WARNING SIGNS PLACEMENT CHART

POSTED OR 85TH PERCENTILE SPEED MPH (KMH)	MUTCD DISTANCE FT (M)	SUGGESTED LOCATION FT (M)	SUGGESTED MAXIMUM FT (M)
30 (50)	450 (140)	475 (145)	575 (175)
35 (55)	550 (170)	575 (175)	675 (205)
40 (65)	650 (200)	675 (205)	775 (235)
45 (70)	750 (230)	775 (235)	875 (270)
50 (80)	850 (260)	875 (270)	975 (300)
55 (90)	950 (290)	975 (300)	1075 (330)
60 (95)	1100 (335)	1125 (345)	1225 (375)
65 (105)	1200 (365)	1225 (375)	1325 (405)
70 (115)	1250 (380)	1275 (390)	1375 (420)

*** SEE NOTE 5**

1. SEE ROADWAY STANDARD NO. 904.50 FOR MOUNTING OF TYPE 'D', 'E', AND 'F' SIGNS ON 'U' CHANNEL POSTS.
2. SEE CHART FOR PLACEMENT OF WARNING SIGNS. DISTANCES SHOWN IN MINIMUM ROAD COLUMNS ARE FOR LEVEL ROADWAYS. MAKE CORRECTIONS FOR GRADES. IF 48-INCH (1219 MM) SIGNS ARE USED, THE LEGIBILITY DISTANCE MAY BE INCREASED TO 200 FEET (61 M). THIS WOULD ALLOW REDUCING THE CHART SPECIFIED DISTANCE BY 75 FEET (23 M).
3. IF THE BRIDGE IS OVER A MAJOR STREAM OR RIVER, A SIGN FOR THE NAME OF THE STREAM OR RIVER SHOULD BE INSTALLED AT EACH APPROACH. THESE DESIGNS WILL BE COMPLETED BY THE SIGNING SECTION UPON REQUEST.
4. SIGNS FURNISHED BY CONTRACTOR. BACKGROUND SHEETING SHALL BE TYPE III REFLECTIVE SHEETING.
5. DISPOSAL OF SIGN SYSTEM, U-CHANNEL.
6. SIGN ERECTION, RELOCATE SIGN TYPE D, E, OR F.
7. DISPOSAL OF SIGN SYSTEM, WOOD.
8. DISPOSAL OF SUPPORT, U-CHANNEL.
9. DISPOSAL OF SIGN, TYPE D, E, OR F.

EXISTING/PROPOSED ROADWAY
 SR 1722
 STA 12+50 TO 25+50