


STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN  
FORSYTH COUNTY

LOCATION: BRIDGES NO. 319 AND NO. 335 ON US 52 OVER  
SR 1620 (TOBACCOVILLE RD.)

TIP NO. B-4506	SHEET NO. SIGN-1
APPROVED: <i>[Signature]</i>	
DATE: 1/3/12	
SEAL	
	

T.I.P.: B-4506

CONTRACT: C202812

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
901.80	SIGN MOUNTING DETAILS - FOR TYPE A AND TYPE B SIGNS
903.10	GROUND MOUNTED SIGN SUPPORTS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

SUMMARY OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT
4048000000	REINFORCED CONCRETE SIGN FOUNDATION	1	C.Y.
4054000000	PLAIN CONCRETE SIGN FOUNDATION	1	C.Y.
4060000000	SUPPORTS, BREAKAWAY STEEL BEAM	1024	LB.
4072000000	SUPPORTS, 3 LB STEEL U-CHANNEL	64	L.F.
4078000000	SUPPORTS, 2 LB STEEL U-CHANNEL	2	EA.
4096000000	SIGN ERECTION, TYPE D	2	EA.
4102000000	SIGN ERECTION, TYPE E	2	EA.
4108000000	SIGN ERECTION, TYPE F	1	EA.
4110000000	SIGN ERECTION, TYPE A (GROUND MOUNTED)	1	EA.
4110000000	SIGN ERECTION, TYPE B (GROUND MOUNTED)	1	EA.
4152000000	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	2	EA.
4155000000	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	11	EA.

GENERAL NOTES

- SIGNS FURNISHED BY STATE
- ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO U-CHANNEL POSTS UNLESS OTHERWISE INDICATED ON THE PLANS.
- SIGNING PLANS DO NOT INCLUDE TEMPORARY CONSTRUCTION SIGNING OR PAVEMENT MARKING PLANS. SEE TRAFFIC CONTROL PLANS.
- WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER
- ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON PLANS.
- WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE C REFLECTIVE SHEETING.
- DO NOT BEGIN FABRICATION FOR TYPES A & B SIGNS MOUNTED ON OVERHEAD STRUCTURES OR STEEL SUPPORTS UNTIL "S" DIMENSIONS HAVE BEEN FIELD VERIFIED.
- SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

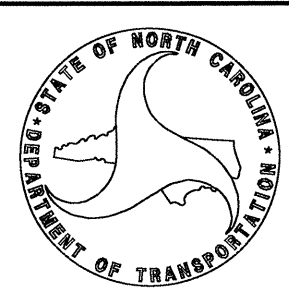
SUPPORT INFORMATION

SIGN NO.	SIGN TYPE	SIGN SIZE (w x h)	ROADWAY STATION	NO. OF SUP.	BEAM SECTION	SUPPORT TYPE	ATTACH METHOD	MOUNTING METHOD	HORIZ. CLR. (ft.)	LENGTH (ft.)			FIELD VERIFIED (mm/dd/yy)														
										LEFT SUPPORT	CENTER SUPPORT	RIGHT SUPPORT															
101	B	126 X36	13+00 SBL	2	S3x5.7	BA	N/A	N/A	30.00	3.00	7.00	3.5	3.12	13.12	16.62	0.00	0.00	0.00	1.31	11.31	14.81	1	4	214.70	0.00	0.00	0.23
102	A	174 X90	12+00 NBL	2	W6x16	BA	N/A	N/A	30.00	7.50	7.27	5	2.98	17.75	22.75	0.00	0.00	0.00	-0.27	14.50	19.50	1.5	5.5	808.38	0.00	0.72	0.00

TOTAL	1023.08	0.00	0.72	0.23
USE:	1024	0	1	1

PLAN PREPARED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT

SUSAN B. KUNZ SIGNING & DELINEATION REGIONAL ENGINEER  
STACEY JOHNS SIGNING & DELINEATION PROJECT DESIGN ENGINEER



"E" & "F" SIGNS

401 QUANTITY REQ'D \_1\_

SPEED LIMIT  
**65**  
36 X 48  
R2-1

TWO "U" POSTS PER SIGN

402 QUANTITY REQ'D \_1\_

SPEED LIMIT  
**45**  
30 X 36  
R2-1

TWO "U" POSTS PER SIGN

501

SOUTH  
**50**  
24 X 12  
24 X 24

ONE "U" POST PER SIGN

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE NOTES, SUPPORT INFORMATION, E AND F SHEET
SIGN-2	SIGN DESIGNS
SIGN-3-5	SIGN DETAIL SHEETS

TIP NO. B-4506	SHEET NO. SIGN-2
APPROVED: <i>[Signature]</i>	
DATE: 11/3/12	
SEAL	

<b>SIGN NUMBER:</b> 101 <b>TYPE:</b> B <b>QUANTITY:</b> 1 <b>SIGN WIDTH:</b> 10'-6" <b>HEIGHT:</b> 3'-0" <b>TOTAL AREA:</b> 31.5 Sq.Ft. <b>BORDER TYPE:</b> FLUSH <b>RECESS:</b> 0" <b>WIDTH:</b> 1" <b>RADII:</b> 6" <b>NO. Z BARS:</b> 2 <b>LENGTH:</b> 118.0	<b>BACKG COLOR:</b> Green <b>COPY COLOR:</b> White <table border="1"> <tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>	SYMBOL	X	Y	WID	HT																										<b>DESIGN BY:</b> S.JOHNS <b>CHECKED BY:</b> S.KUNZ <b>PROJECT ID:</b> B-4506 <b>DIV:</b> 9 <b>DATE:</b> Oct 13, 2011
SYMBOL	X	Y	WID	HT																												

USE NOTES: 1,2

- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

Letter spacings are to start of next letter

Series/Size	Text Length
EM 2000	95.1
EM 2000	6.5
EM 2000	62.3
EM 2000	6.5

FILENAME: SignDesigns NORTH CAROLINA D.O.T. SIGN DETAIL

<b>SIGN NUMBER:</b> 301,302 <b>TYPE:</b> D <b>QUANTITY:</b> 2 <b>SIGN WIDTH:</b> 2'-6" <b>HEIGHT:</b> 1'-0" <b>TOTAL AREA:</b> 2.5 Sq.Ft. <b>BORDER TYPE:</b> FLUSH <b>RECESS:</b> 0" <b>WIDTH:</b> 0.75" <b>RADII:</b> 3" <b>NO. Z BARS:</b> 1 <b>LENGTH:</b>	<b>BACKG COLOR:</b> Green <b>COPY COLOR:</b> White <table border="1"> <tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>	SYMBOL	X	Y	WID	HT																										<b>DESIGN BY:</b> S.JOHNS <b>CHECKED BY:</b> S.KUNZ <b>PROJECT ID:</b> B-4506 <b>DIV:</b> 9 <b>DATE:</b> Oct 18, 2011
SYMBOL	X	Y	WID	HT																												

USE NOTES: 1,2

- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

Letter spacings are to start of next letter

Series/Size	Text Length
C 2000	21.2

FILENAME: SignDesigns NORTH CAROLINA D.O.T. SIGN DETAIL

<b>SIGN NUMBER:</b> 102 <b>TYPE:</b> A <b>QUANTITY:</b> 1 <b>SIGN WIDTH:</b> 14'-6" <b>HEIGHT:</b> 7'-6" <b>TOTAL AREA:</b> 108.8 Sq.Ft. <b>BORDER TYPE:</b> FLUSH <b>RECESS:</b> 0" <b>WIDTH:</b> 2" <b>RADII:</b> 12" <b>NO. Z BARS:</b> 3 <b>LENGTH:</b> 166.0	<b>BACKG COLOR:</b> Brown <b>COPY COLOR:</b> White <table border="1"> <tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>	SYMBOL	X	Y	WID	HT																										<b>DESIGN BY:</b> S.JOHNS <b>CHECKED BY:</b> S.KUNZ <b>PROJECT ID:</b> B-4506 <b>DIV:</b> 9 <b>DATE:</b> Oct 27, 2011
SYMBOL	X	Y	WID	HT																												

USE NOTES: 1, 2

- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

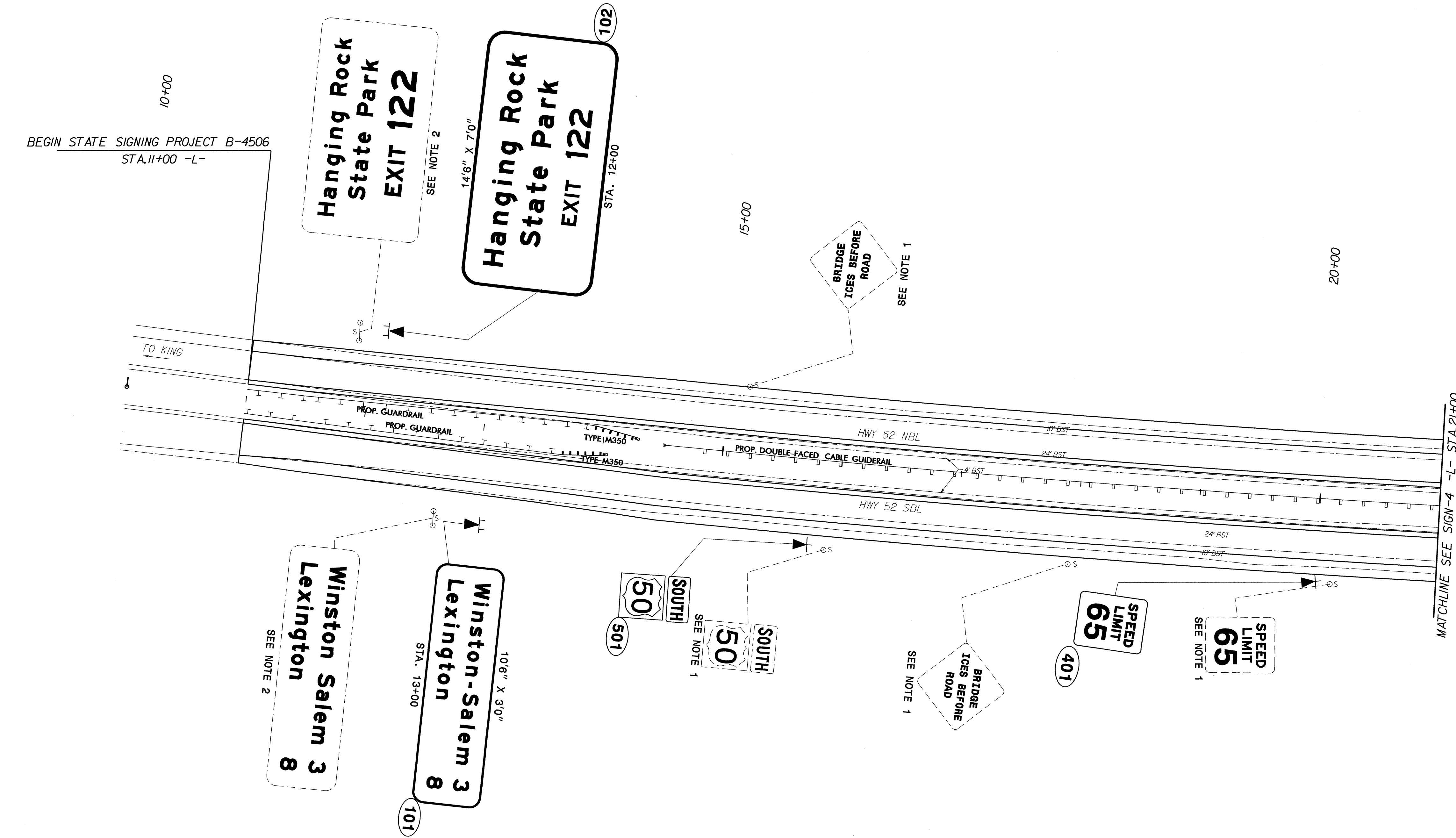
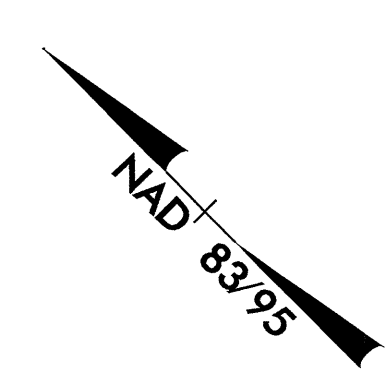
Letter spacings are to start of next letter

Series/Size	Text Length
EM 2000	145.3
EM 2000	114.1
E 2000	79.5

FILENAME: SignDesigns NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN DESIGNS

03-Jan-2012 12:35 PM C:\Users\sjohns\Desktop\Traffic\Signing\CADD\Sign Designs\SignDesigns.dgn sjohns 11/24/12

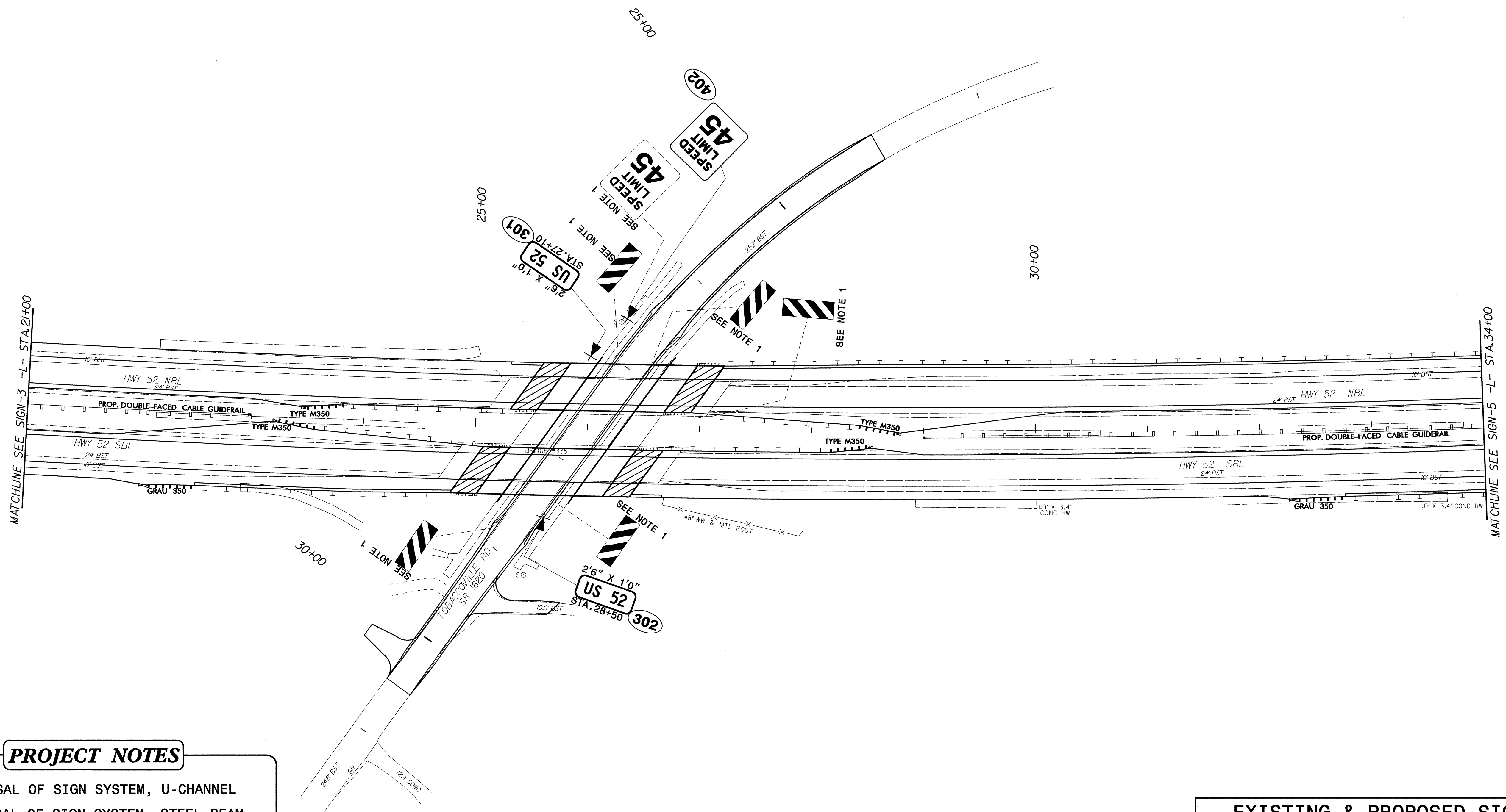
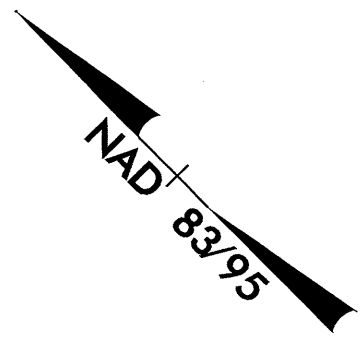
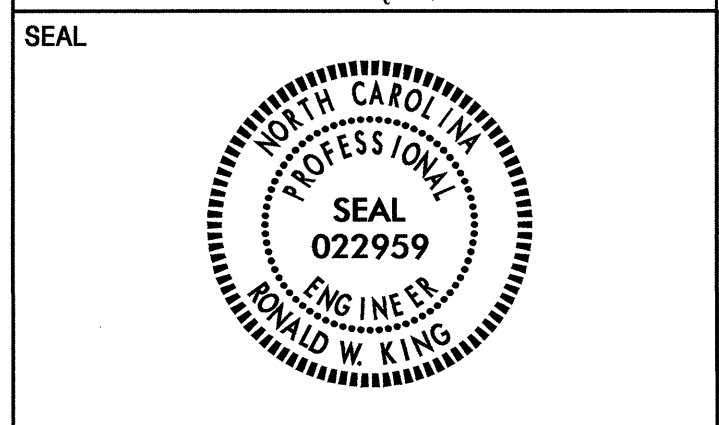


- PROJECT NOTES**
- DISPOSAL OF SIGN SYSTEM, U-CHANNEL
  - DISPOSAL OF SIGN SYSTEM, STEEL BEAM

**EXISTING & PROPOSED SIGNS  
STA. 11+00 TO STA. 21+00  
US 52(-L-)**

03-JAN-2012 11:53  
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APPROVED: *[Signature]*  
 DATE: 1/27/12

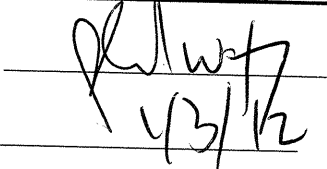



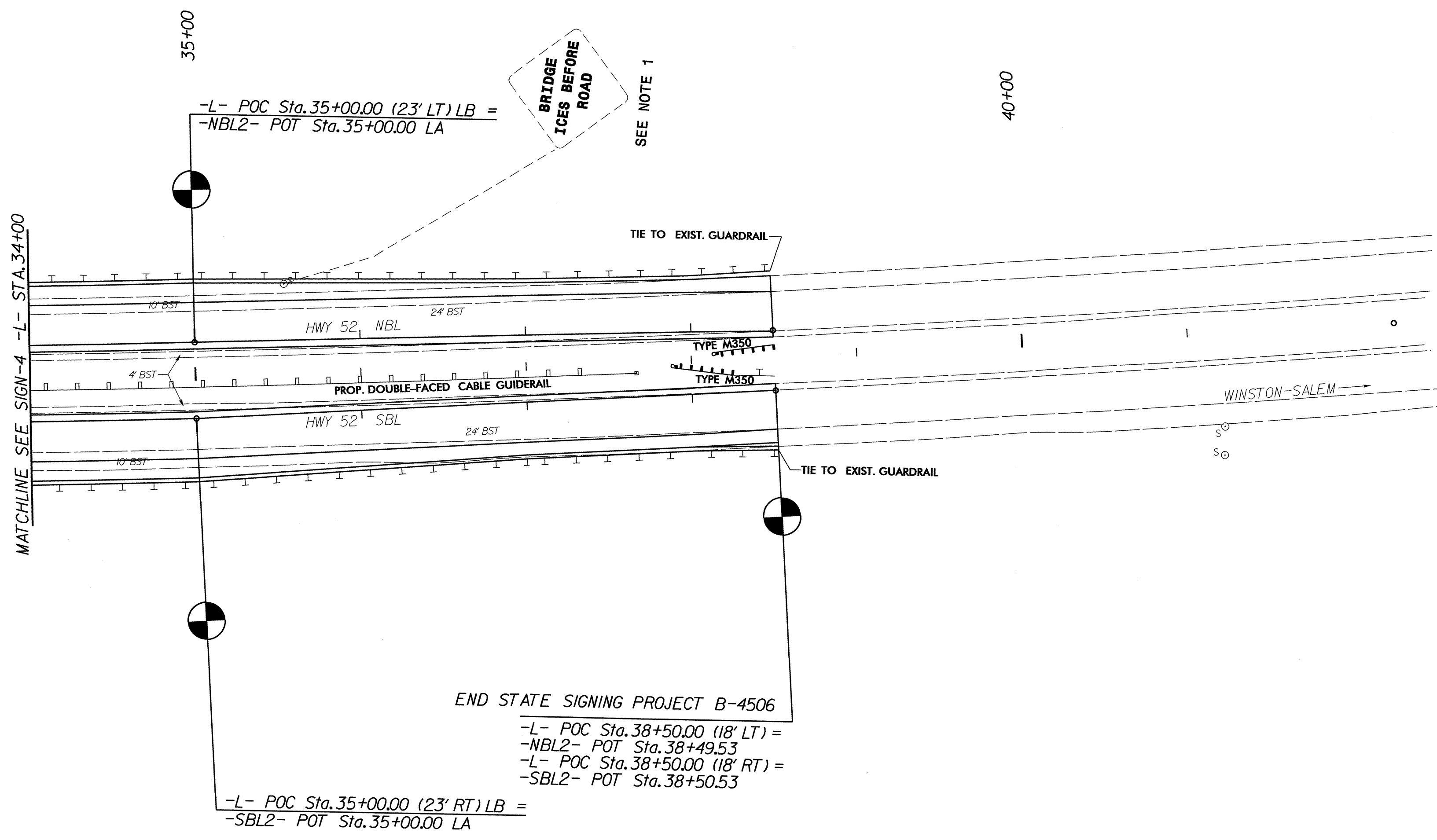
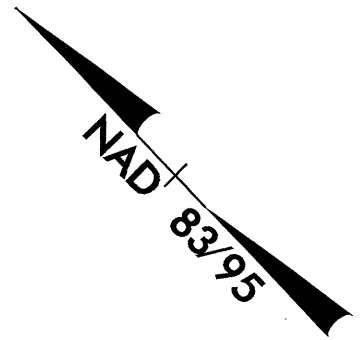
**PROJECT NOTES**

- 1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 2 DISPOSAL OF SIGN SYSTEM, STEEL BEAM

**EXISTING & PROPOSED SIGNS  
 STA. 21+00 TO STA. 34+00  
 US 52 (-L-)**

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TIP NO. B-4506	SHEET NO. SIGN-5
APPROVED: 	
DATE: _____	
SEAL	
	



**PROJECT NOTES**

- 1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 2 DISPOSAL OF SIGN SYSTEM, STEEL BEAM

**EXISTING & PROPOSED SIGNS  
STA. 34+00 TO STA. 38+50  
US 52 (-L-)**

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