

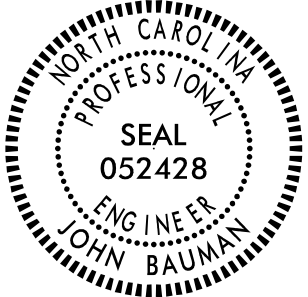
V:\2026\SE22.285.00 BR-0140\TP\Traffic\Signing\BR-0140 SIGN-1 Title.dgn
1/9/2026
John Bauman

TIP PROJECT: BR-0140

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
DAVIDSON COUNTY

LOCATION: REPLACE BRIDGES 87 AND 89 ON US 29/70
OVER WSSB RAILROAD

PROJECT NO.	SHEET NO.
BR-0140	SIGN-1
APPROVED:  77FD584C378AD1	
DATE: 2/6/2026	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

PROJECT NOTES

- DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- DISPOSAL OF SIGN SYSTEM, STEEL BEAM
- DISPOSAL OF SUPPORT, STEEL BEAM
- SIGN ERECTION, RELOCATE SIGN TYPE A (GROUND MOUNTED)
- SIGN ERECTION, RELOCATE SIGN TYPE B (GROUND MOUNTED)

GENERAL NOTES

- SIGNS FURNISHED BY CONTRACTOR
- CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.
- WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER
- 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.

PLAN PREPARED BY: TRANSYSTEMS

TRAFFIC DESIGNER
John Bauman, P.E. TRAFFIC PROJECT MANAGER

TRANSYSTEMS
1 Glenwood Avenue
Raleigh, NC 27603
Tel: 919.789.9977
Fax: 919.789.9591
License: F-0453

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2	SIGN DESIGNS
SIGN-2A	SUPPORT CHART
SIGN-3	TYPE E SIGNS
SIGN-4-5	EXISTING SIGNS
SIGN-6-7	PROPOSED SIGNS

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000	901	CONTRACTOR FURNISHED, TYPE A SIGN	396	SF
4025000000	901	CONTRACTOR FURNISHED, TYPE E SIGN	30	SF
4048000000	902	REINFORCED CONCRETE SIGN FOUNDATION	6	CY
4066000000	903	SUPPORTS, SIMPLE STEEL BEAM	5098	LB
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	65	LF
4102000000	904	SIGN ERECTION, TYPE E	3	EA
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	2	EA
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE A (GROUND MOUNTED)	2	EA
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE B (GROUND MOUNTED)	1	EA
4138000000	907	DISPOSAL OF SUPPORT, STEEL BEAM	4	EA
4152000000	907	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	2	EA
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	4	EA

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 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
901.10	TYPE 'A' SIGNS
901.20	TYPE 'B' SIGNS
901.50	ARROWS AND SHIELDS
901.70	SIGN STRINGERS AND SUPPORT SPACING
901.80	SIGN MOUNTING DETAILS - FOR TYPE A AND TYPE B SIGNS
902.10	FOUNDATIONS FOR GROUND MOUNTED SIGNS
903.10	GROUND MOUNTED SIGN SUPPORTS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.30	SUPPLEMENTAL SIGN MOUNTING
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

TIP NO.
BR - 0140

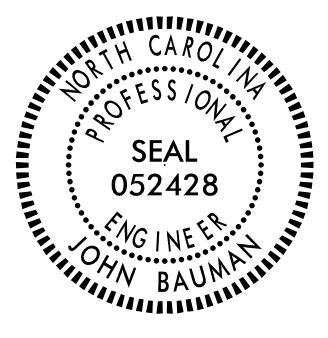
SHEET NO.
SIGN - 2

DocuSigned by:
John Bauman
77F058AC37884D1...

APPROVED:

DATE: 2/6/2026

SEAL



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SIGN NUMBER: 101 TYPE: A QUANTITY: 1 BACKG. COLOR: Green COPY COLOR: White SIGN WIDTH: 14' - 6" HEIGHT: 10' - 6" TOTAL AREA: 152.3 Sq. Ft. ROUTE MARKERS: 36.0" x 36.0" (M1-4) BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADIUS: 12" NO. Z BARS: 3 LENGTH: 166.0 MAT'L: 1.6 mm ALUMINUM DESIGN BY: JWB PROJECT ID: BR-0140 CHECKED BY: JWB DIV: 9 STD #: 901.10 DATE: Jan 19, 2026	 Panel Style: guide_exp_advance_a.ssi M.U.T.C.D.: 2009 Edition NORTH CAROLINA D.O.T. SIGN DETAIL																																																																	
LETTER POSITIONS <table><tr><td>W</td><td>E</td><td>S</td><td>T</td><td></td><td></td></tr><tr><td>83.9</td><td>15.9</td><td>2.7</td><td>10.7</td><td>11</td><td>9</td></tr><tr><td>40.8</td><td></td><td></td><td></td><td></td><td>49.3</td></tr><tr><td>M</td><td>O</td><td>C</td><td>K</td><td>S</td><td>V</td></tr><tr><td>21.4</td><td>18.9</td><td>14.4</td><td>15.5</td><td>13.8</td><td>13.8</td></tr><tr><td>17</td><td>9.6</td><td>9.6</td><td>8.2</td><td>10.6</td><td>21.4</td></tr><tr><td>131.2</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>E</td><td>X</td><td>I</td><td>T</td><td>1/4</td><td>M</td></tr><tr><td>25.8</td><td>10.7</td><td>12.8</td><td>4.2</td><td>9</td><td>12</td></tr><tr><td>22</td><td>12</td><td>14.4</td><td>5.3</td><td>11</td><td>9</td></tr><tr><td>25.8</td><td></td><td></td><td></td><td></td><td>122.4</td></tr></table> Letter positions are to the lower left corners	W	E	S	T			83.9	15.9	2.7	10.7	11	9	40.8					49.3	M	O	C	K	S	V	21.4	18.9	14.4	15.5	13.8	13.8	17	9.6	9.6	8.2	10.6	21.4	131.2						E	X	I	T	1/4	M	25.8	10.7	12.8	4.2	9	12	22	12	14.4	5.3	11	9	25.8					122.4
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USE NOTES: 1, 3, 4, 6

1. Legend and border shall be direct applied encapsulated lens reflective sheeting.

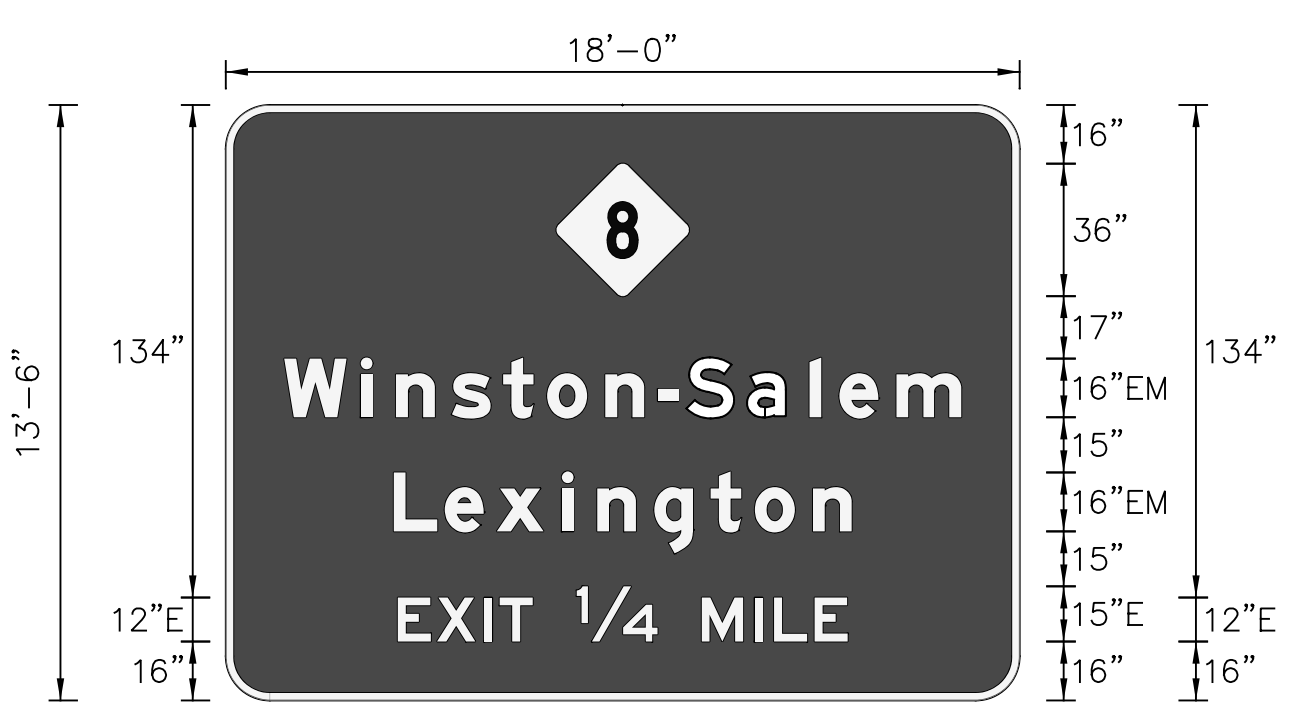
2. Legend and border shall be direct applied enclosed lens reflective sheeting.

3. Shields shall be encapsulated lens reflective sheeting on 0.8mm aluminum and demountable.

4. Background shall be encapsulated lens reflective sheeting.

5. Background shall be enclosed lens reflective sheeting.

6. Center arrows vertically on sign.

SIGN NUMBER: 102 TYPE: A QUANTITY: 1 BACKG. COLOR: Green COPY COLOR: White SIGN WIDTH: 18' - 0" HEIGHT: 13' - 6" TOTAL AREA: 243.0 Sq. Ft. ROUTE MARKERS: 36.0" x 36.0" (M1-5-2-36-15C) BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADIUS: 12" NO. Z BARS: 4 LENGTH: 208.0 MAT'L: 1.6 mm ALUMINUM DESIGN BY: JWB PROJECT ID: BR-0140 CHECKED BY: JWB DIV: 9 STD #: 901.10 DATE: Jan 19, 2026	 Panel Style: guide_exp_advance_a.ssi M.U.T.C.D.: 2009 Edition NORTH CAROLINA D.O.T. SIGN DETAIL																																																																																																								
LETTER POSITIONS <table><tr><td>W</td><td>i</td><td>n</td><td>s</td><td>t</td><td>o</td><td>n</td><td>-</td><td>S</td><td>a</td><td>l</td><td>e</td><td>m</td><td></td><td></td></tr><tr><td>15.9</td><td>20.8</td><td>9.6</td><td>15.2</td><td>13.9</td><td>12</td><td>15.8</td><td>14.2</td><td>7.8</td><td>16.5</td><td>17</td><td>8.2</td><td>15.5</td><td>17.6</td><td>15.9</td></tr><tr><td>184.2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>L</td><td>e</td><td>x</td><td>i</td><td>n</td><td>g</td><td>t</td><td>o</td><td>n</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>45.7</td><td>13.9</td><td>14.1</td><td>17.8</td><td>9.6</td><td>15.5</td><td>15.4</td><td>12</td><td>15.8</td><td>10.6</td><td>45.7</td><td></td><td></td><td></td><td>124.6</td></tr><tr><td>E</td><td>X</td><td>I</td><td>T</td><td>1/4</td><td>M</td><td>I</td><td>L</td><td>E</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>46.8</td><td>10.7</td><td>12.8</td><td>4.2</td><td>9</td><td>12</td><td>22</td><td>12</td><td>14.4</td><td>5.3</td><td>11</td><td>9</td><td>46.8</td><td></td><td>122.4</td></tr></table> Letter positions are to the lower left corners	W	i	n	s	t	o	n	-	S	a	l	e	m			15.9	20.8	9.6	15.2	13.9	12	15.8	14.2	7.8	16.5	17	8.2	15.5	17.6	15.9	184.2															L	e	x	i	n	g	t	o	n							45.7	13.9	14.1	17.8	9.6	15.5	15.4	12	15.8	10.6	45.7				124.6	E	X	I	T	1/4	M	I	L	E							46.8	10.7	12.8	4.2	9	12	22	12	14.4	5.3	11	9	46.8		122.4
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John Bauman

TIP NO.
BR - 0140

SHEET NO.
SIGN - 2A

APPROVED:

DocuSigned by:
John Bauman
77F058AC37884D1...

DATE: 2/6/2026

SEAL

NORTH CAROLINA
PROFESSIONAL
ENGINEER
JOHN BAUMAN

SEAL
052428

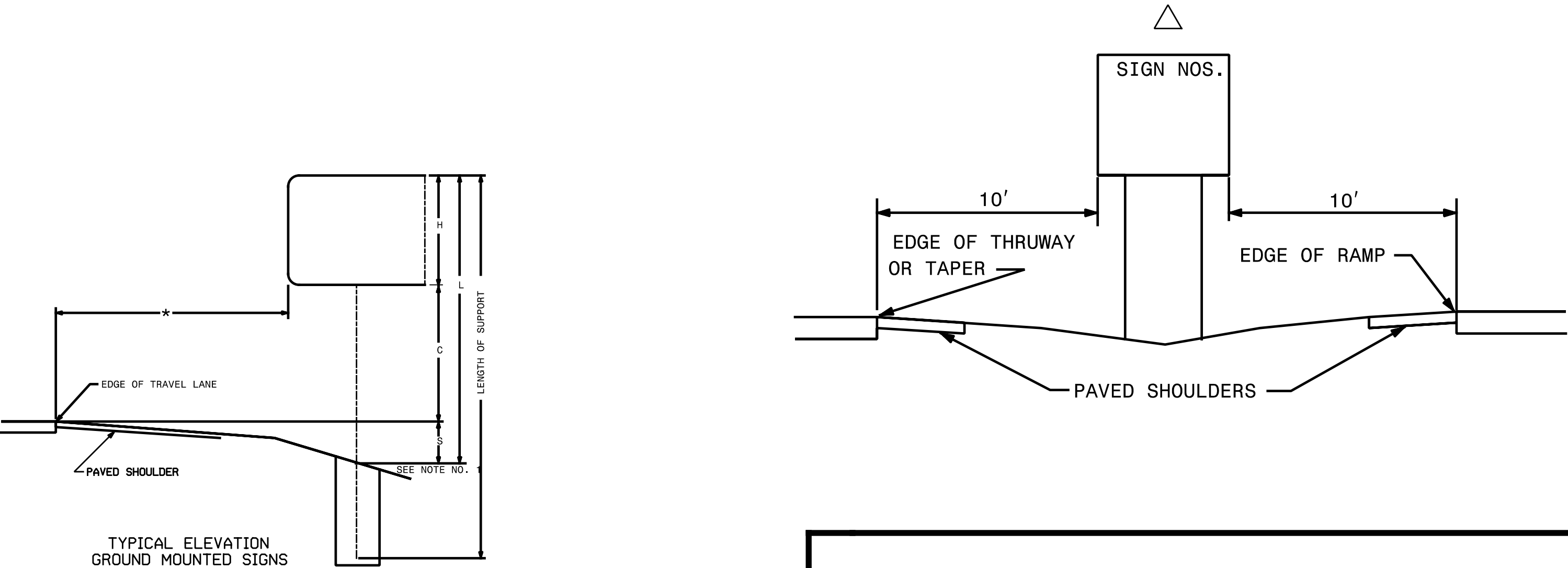
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Version: 3.2 Posted: 7/5/2023

SIGN					ROADWAY STATION	NUMBER OF SUPPORTS	BEAM SECTION	SUPPORT TYPE BA or S	OMNI COUPLER	ATTACHMENT METHOD	MOUNTING METHOD	HORIZONTAL CLEARANCE* (ft.)	SUPPORT SPACING	LENGTH (ft)			LEFT SUPPORT (ft)			CENTER SUPPORT (ft)			RIGHT SUPPORT (ft)			SUPPORT WEIGHTS		FOOTINGS				FIELD VERIFIED SEE NOTE 2 (mm/dd/yy)	
NUMBER	TYPE	SIZE (in.)												SNS HT	MTG HT	EMBED- MENT												DIAMETER (ft.)	DEPTH (ft.)	REINFORCED (c.y.)	PLAIN (c.y.)		
		w	x	h													"H"	"C"	B/A (lbs.)	SIMPLE (lbs.)													
101	A	174	x	126	30+85	2	W6x16	S	N/A	N/A	N/A	18.00	8.50	10.50	7.00	4.5	0.50	18.00	22.50	0.00	0.00	0.00	3.00	20.50	25.00	0.00	760	1.5	5	0.65	0.00	_____	
102	A	216	x	162	41+39	3	W10x26	S	N/A	N/A	N/A	18.00	6.39	13.50	7.00	4.0	3.00	23.50	27.50	6.00	26.50	30.50	9.00	29.50	33.50	0.00	2379	2.5	4.5	2.45	0.00	_____	
901	A	144	x	168	38+87	2	W8x18	S	N/A	N/A	N/A	18.00	7.03	14.00	7.00	4.5	2.00	23.00	27.50	0.00	0.00	0.00	4.00	25.00	29.50	0.00	1026	2.0	5	1.16	0.00	_____	
902	B	108	x	30	41+39	2	S3x5.7	S	N/A	N/A	N/A	18.00	5.27	2.50	7.00	2.0	1.00	10.50	12.50	0.00	0.00	0.00	2.00	11.50	13.50	0.00	148.2	1.0	2.5	0.15	0.00	_____	
903	A	180	x	138	49+95	2	W6x16	S	N/A	N/A	N/A	18.00	8.79	11.50	7.00	4.5	1.00	19.50	24.00	0.00	0.00	0.00	2.00	20.50	25.00	0.00	784	1.5	5	0.65	0.00	_____	
																											0.00	5097.20		5.08	0.00		
																											USE:	0.00	5098.00		6.00	0.00	

NOTES

1. DIMENSION "S" REPRESENTS AN INCREASE (+), OR A DECREASE (-) IN POLE LENGTH, RELATIVE TO THE ELEVATION OF THE EDGE OF PAVEMENT.
2. FIELD VERIFICATIONS SHALL BE REQUIRED FOR ALL SUPPORTS, SEE (*) ARTICLE 903-3. FABRICATORS SHALL BE AISC CERTIFIED IN CATEGORY 1, SEE (*) ARTICLE 1072-1. (*) = N.C.D.O.T. STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES
3. PLAN LOCATIONS FOR EXISTING UTILITIES ARE BASED ON THE BEST AVAILABLE INFORMATION AND, THEREFORE MAY NOT BE PRECISELY ACCURATE. THEREFORE, IT IS INCUMBENT UPON THE CONTRACTOR TO DETERMINE THE EXACT LOCATION OF UTILITIES BEFORE BEGINNING WORK IN A LOCATION.



TRANSYSTEMS

1 Glenwood Avenue
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SUPPORT CHART

401 QUANTITY REQ'D .2. BRIDGE ICES BEFORE ROAD W8-13 36" X 36" ONE "U" POST PER SIGN						TIP NO. BR-0140 SHEET NO. SIGN-3 APPROVED: DocuSigned by: John Bauman 7F1D58AC37884D1... DATE: 2/6/2026 SEAL NORTH CAROLINA PROFESSIONAL SEAL 052428 ENGINEER JOHN BAUMAN DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
	402 QUANTITY REQ'D .1. SPEED LIMIT 55 R2-1 (55) 36" X 48" TWO "U" POST PER SIGN						
			TRANSYSTEMS 1 Glenwood Avenue Raleigh, NC 27603 Tel:919.789.9977 Fax:919.789.9591 License: F-0453				
TYPE "E" SIGNS							

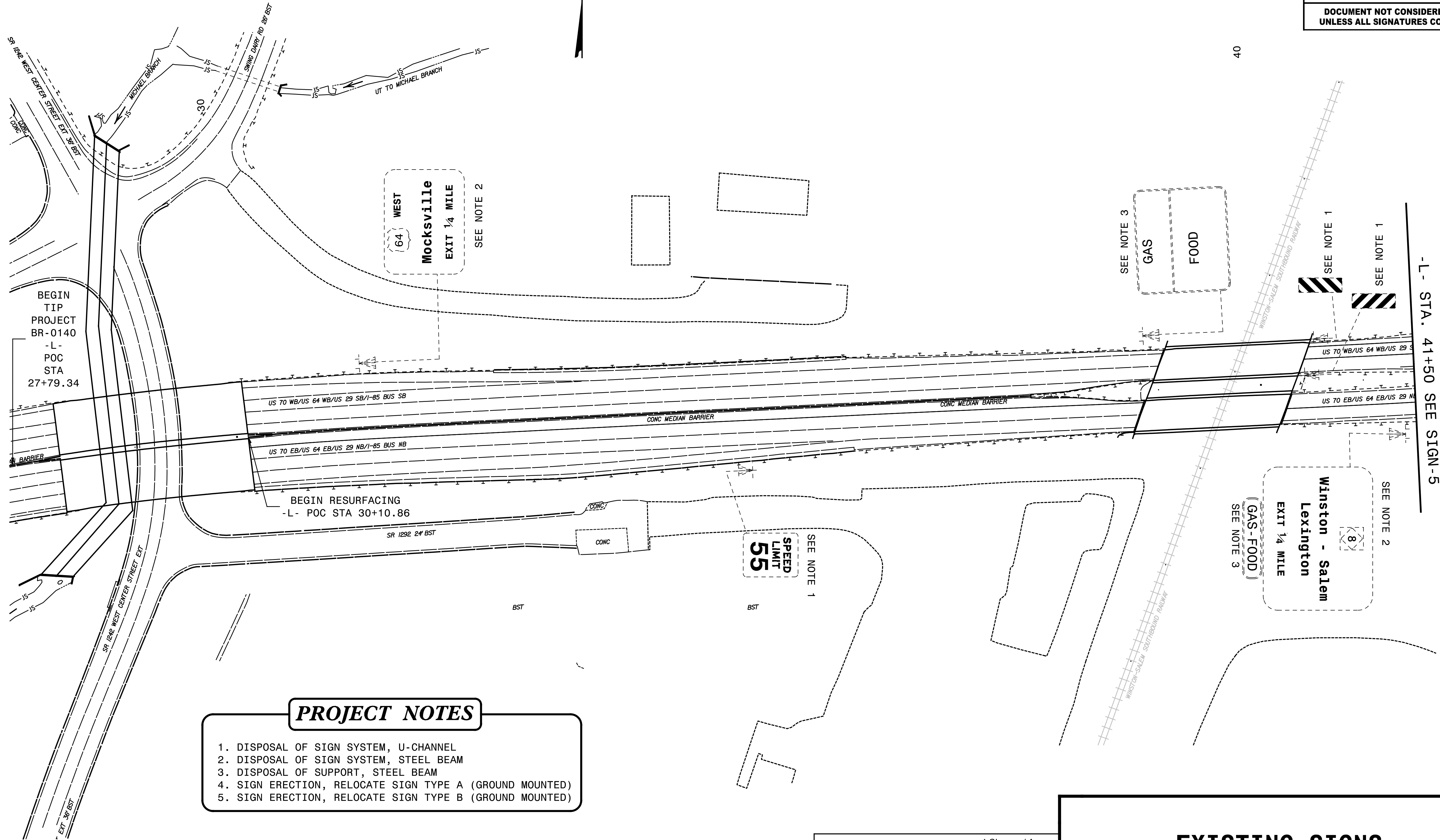
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DATE: 2/6/2026

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PROJECT NOTES

1. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
2. DISPOSAL OF SIGN SYSTEM, STEEL BEAM
3. DISPOSAL OF SUPPORT, STEEL BEAM
4. SIGN ERECTION, RELOCATE SIGN TYPE A (GROUND MOUNTED)
5. SIGN ERECTION, RELOCATE SIGN TYPE B (GROUND MOUNTED)

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EXISTING SIGNS

TIP NO.
BR - 0140

SHEET NO.
SIGN - 5

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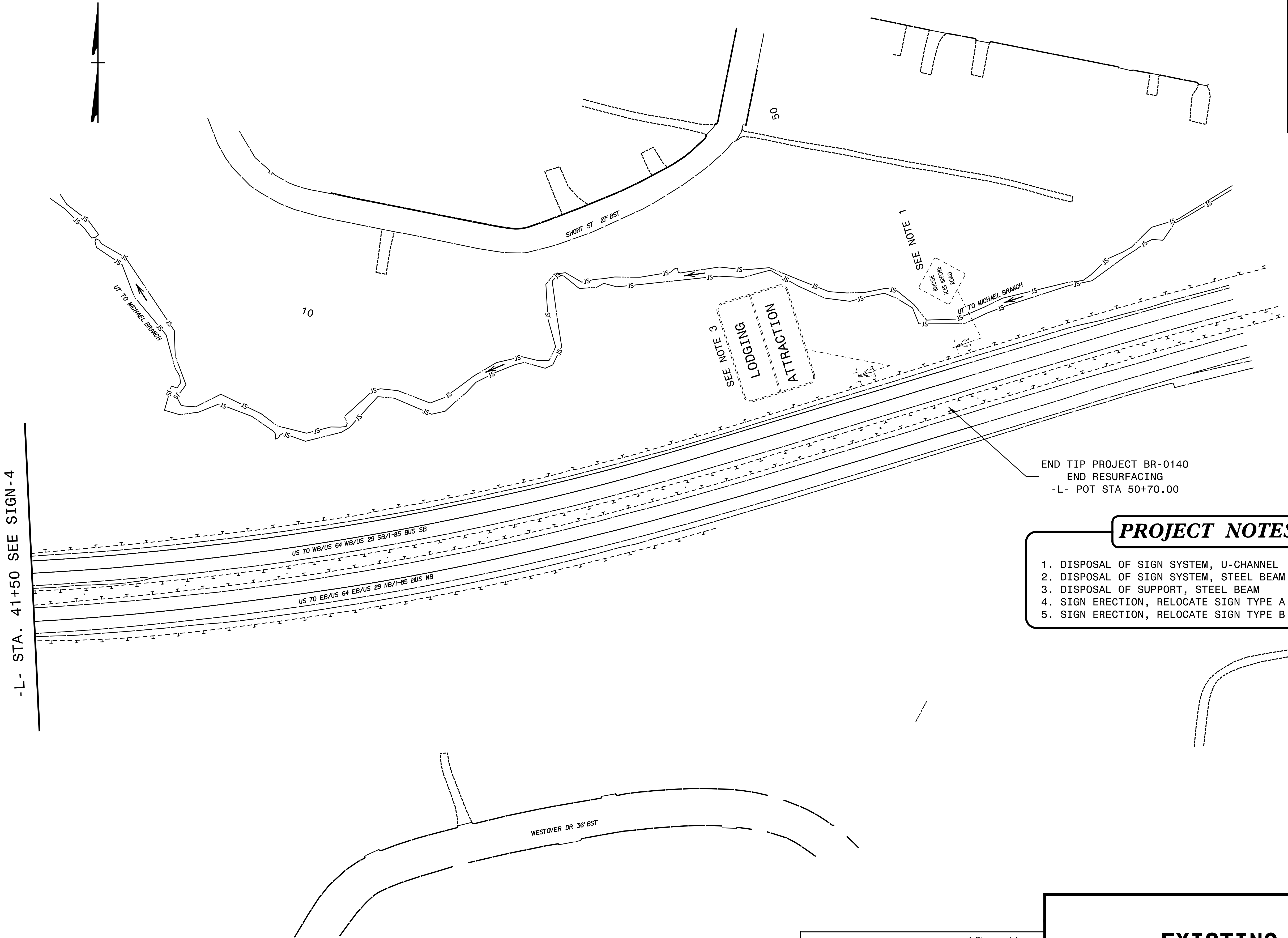
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ENGINEER
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052428
JOHN BAUMAN

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END TIP PROJECT BR-0140
END RESURFACING
-L- POT STA 50+70.00

PROJECT NOTES

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EXISTING SIGNS

TIP NO.
BR-0140

SHEET NO.
SIGN-6

APPROVED:

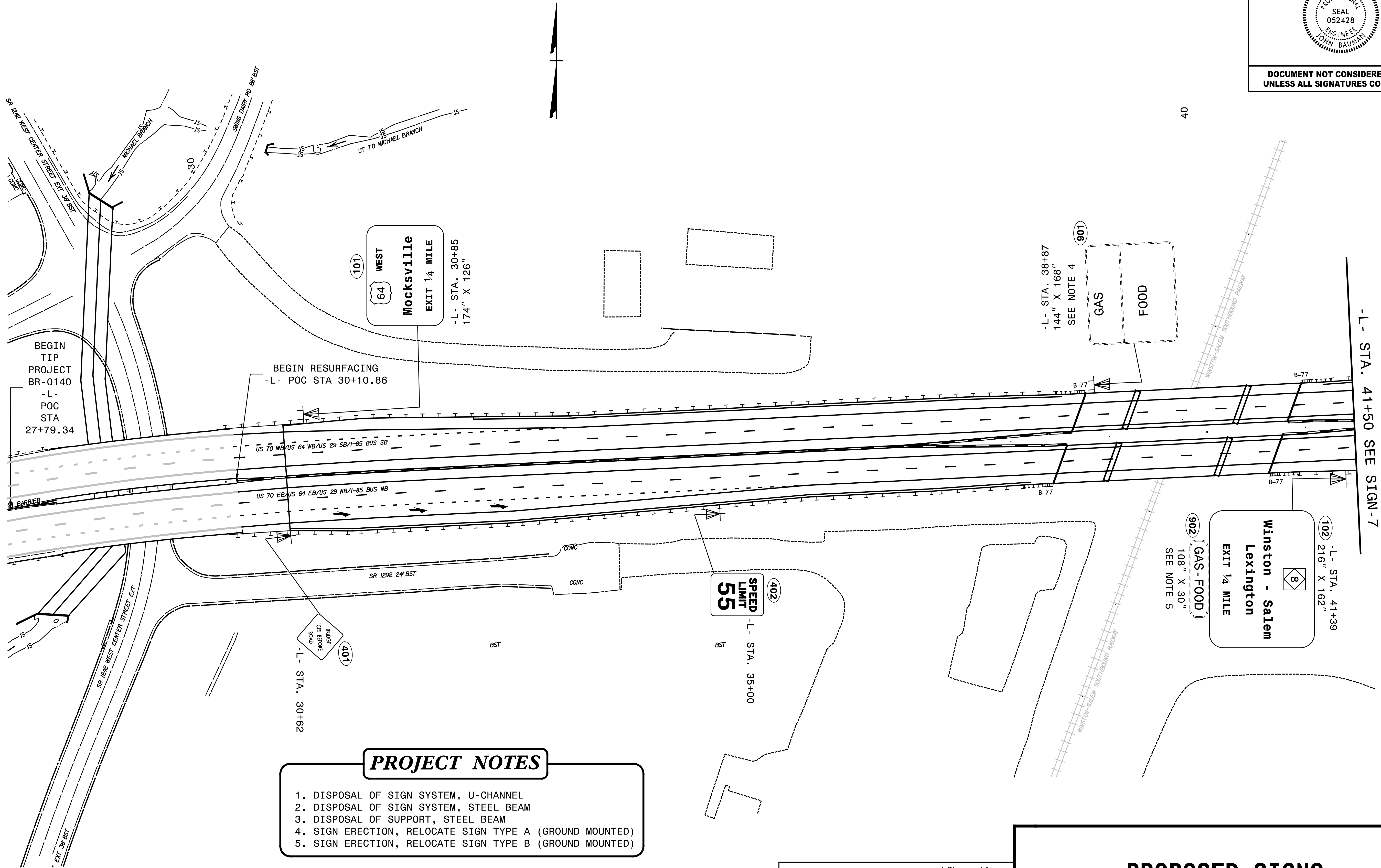
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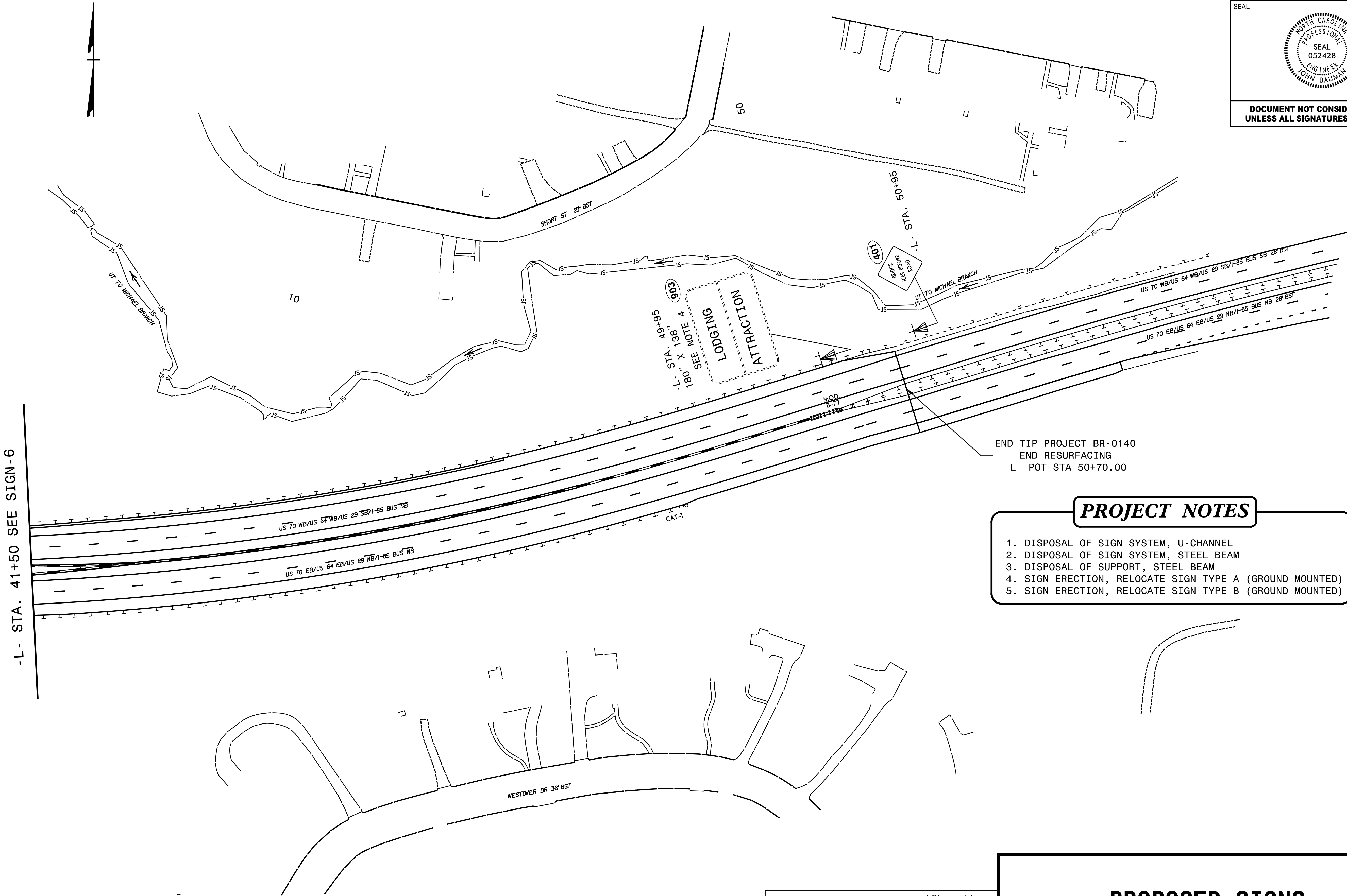
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License: F-0453

PROPOSED SIGNS

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2/6/2026 10:00 AM John Bauman

TIP NO.	SHEET NO.
BR - 0140	SIGN - 7
APPROVED: DocuSigned by: <i>John Bauman</i> 77F058AC37884D1	
DATE: 2/6/2026	
SEAL	
PROFESSIONAL SEAL 052428 ENGINEER JOHN BAUMAN	
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PROPOSED SIGNS