

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
HAYWOOD COUNTY
LOCATION: *BRIDGE NO. 236 OVER SR 1513 ON I-40*

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:

<u>STD. NO.</u>	<u>TITLE</u>
901.10	TYPE 'A' SIGNS
901.70	SIGN STRINGERS AND SUPPORT SPACING
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

GENERAL NOTES

- A) SIGNS SHALL BE FURNISHED BY THE CONTRACTOR.
- B) IF REMOVAL OR RELOCATIONS OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- C) DO NOT BEGIN FABRICATION FOR TYPE A & B SIGNS MOUNTED ON STEEL SUPPORTS UNTIL 'S' DIMENSIONS HAVE BEEN FIELD VERIFIED.
- D) SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.
- E) SIGNING PLANS DO NOT INCLUDE TEMPORARY CONSTRUCTION, SIGNING, OR PAVEMENT MARKING. SEE TRAFFIC MANAGEMENT PLANS.

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000-E	901	CONTRACTOR FURNISHED, TYPE A SIGN	80	S.F.
4048000000-E	902	REINFORCED CONCRETE SIGN FOUNDATION	1	C.Y.
4060000000-E	903	SUPPORTS, BREAKAWAY STEEL BEAM	833	LB.
4110000000-N	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	2	EA.

INDEX

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
SIGN-01	TITLE, GENERAL NOTES, SCHEDULE, AND SUMMARY OF QUANTITIES SHEET
SIGN-02	TYPE 'A' AND 'B' GROUND MOUNTED SIGNS
SIGN-03	SIGN DESIGNS
SIGN-04-06	SIGNING PLAN SHEETS

PLAN PREPARED BY: DRMP, INC

BRITTANY GROOME, PE, PTOE, RSP1 PROJECT MANAGER
DARREN WHITE TRAFFIC DESIGN ENGINEER

Plans Prepared By:
DRMP
DRMP, Inc.
8210 University Executive Park Dr, Suite 220
Charlotte, NC 28262
NC License No. F-1524 (704) 549-4260

B-5541

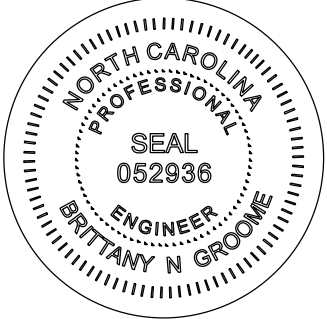
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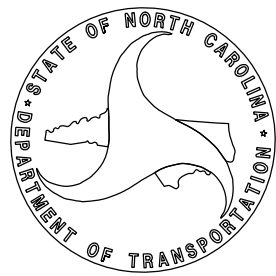
NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

Signed by:
Brittany N Groome

APPROVED:
1E0934DE1B84484

DATE: 3/6/2025

SEAL:


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T.I.P.: B-5541

CONTRACT: N/A

B-5541

SIGN02

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DEPARTMENT OF TRANSPORTATION

Signed by:

APPROVED:Brittany N Groom1E09340E104484...

DATE:3/6/2025

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PROFESSIONAL
SEAL
052936
ENGINEER
BRITTANY N GROOM

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SUPPORT CHART

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					
NUMBER	TYPE	SIZE (in.)												SNS HT	MTG HT	EMBED- MENT										B/A (lbs.)	SIMPLE (lbs.)	DIAMETER (ft.)	DEPTH (ft.)	REINFORCED (c.y.)	PLAIN (c.y.)		
		w	x	h										"H"	"C"		S	L	LENGTH	S	L	LENGTH	S	L	LENGTH								
101	A	96	x	60	-L- 41+00	2	W6x9	BA	N/A	N/A	N/A	7.80	4.69	5.00	7.00	3.0	4.50	16.50	19.50	0.00	0.00	0.00	6.85	18.85	21.85	436.15	0	1.5	3.5	0.46	0.00		
102	A	96	x	60	-L- 41+00	2	W6x9	BA	N/A	N/A	N/A	7.80	4.69	5.00	7.00	2.5	4.90	16.90	19.40	0.00	0.00	0.00	3.00	15.00	17.50	396.10	0	1.5	3	0.39	0.00		
																								TOTAL	TOTAL	TOTAL				TOTAL			
																								832.25	0.00			0.85	0.00				
USE:																								833.00	0.00			1.00	0.00				

NOTES

- DIMENSION "S" REPRESENTS AN INCREASE (+), OR A DECREASE (-) IN POLE LENGTH, RELATIVE TO THE ELEVATION OF THE EDGE OF TRAVEL LANE.
- 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
- 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.

Plans Prepared By:

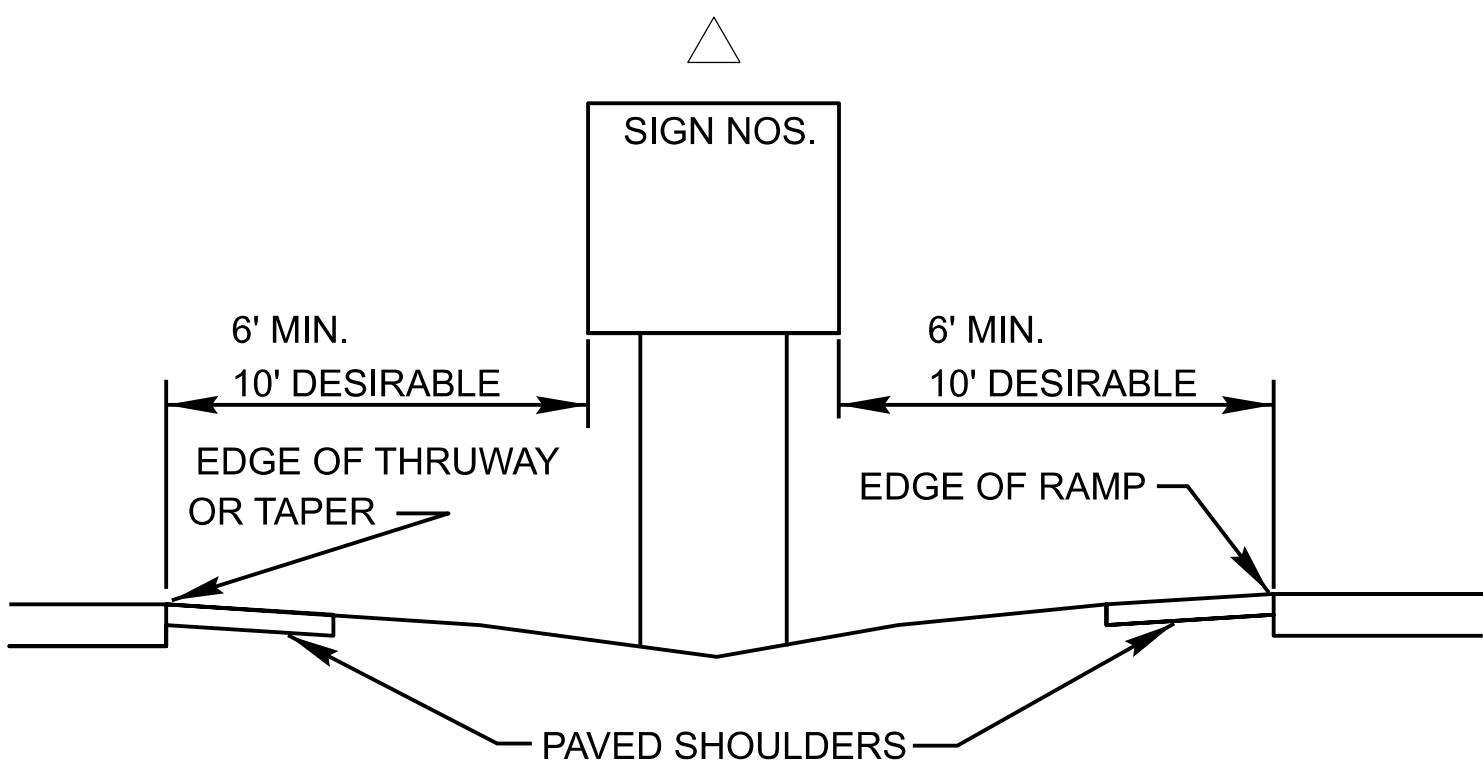
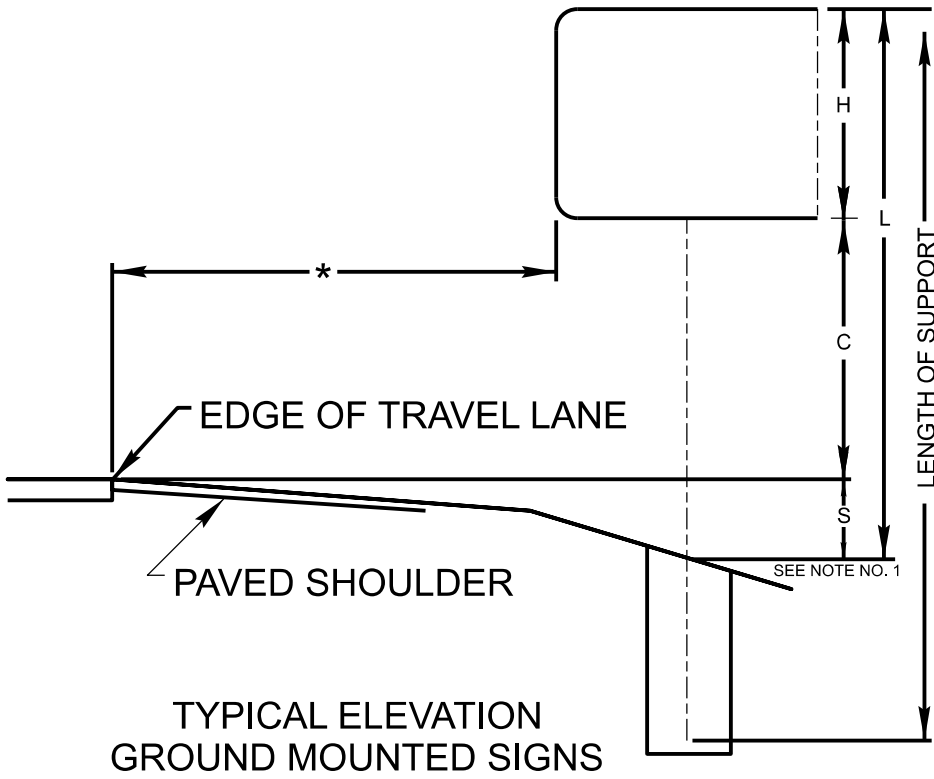
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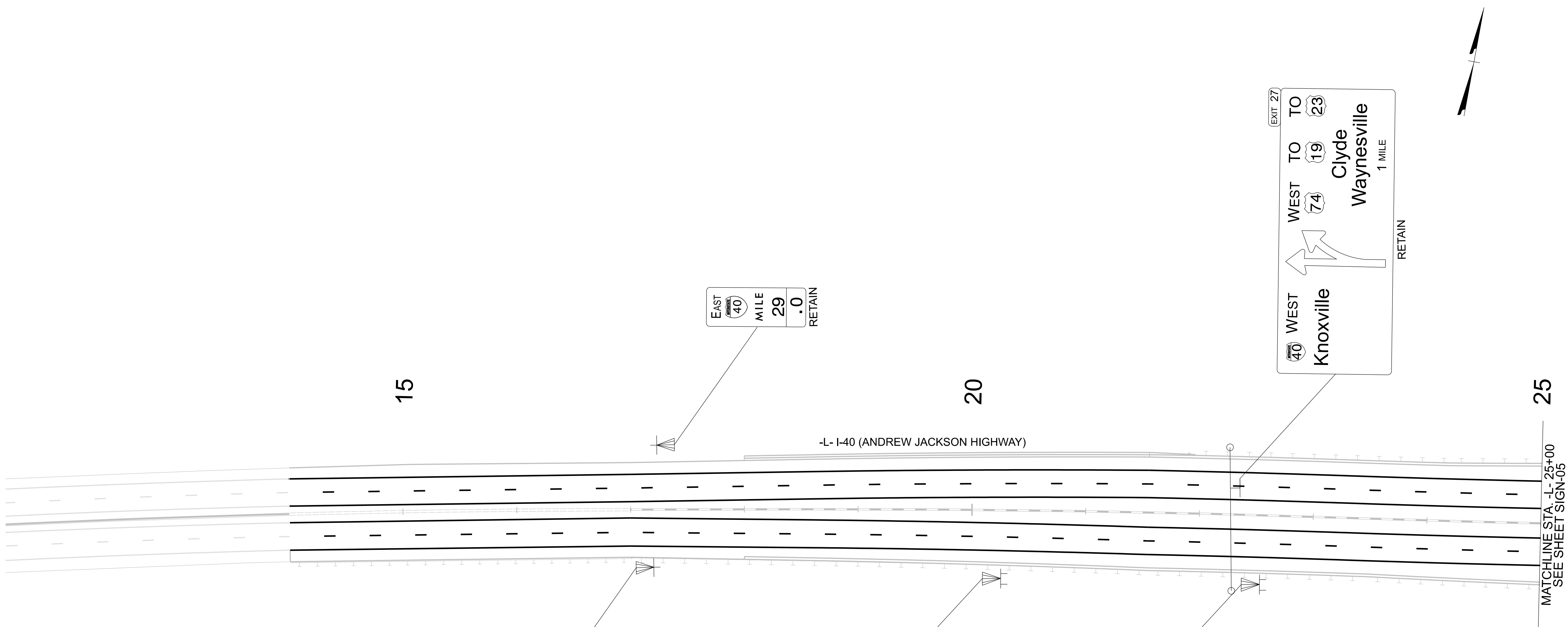
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EAST
40
MILE
29
.0
RETAIN

EAST
40
MILE
29
.0
RETAIN

RETAIN
SPEED
LIMIT
60

RETAIN
EXIT 31
215
Canton
2 MILES

WEST TO
40
Knoxville
WEST TO
74
Clyde
TO
19
Waynesville
TO
23
1 MILE
RETAIN

MATCHLINE STA. -L- 25+00
SEE SHEET SIGN-05

B-5541

SIGN04

NORTH CAROLINA
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Signed by:

APPROVE:Brittany N Groom1ED9340E1634484...

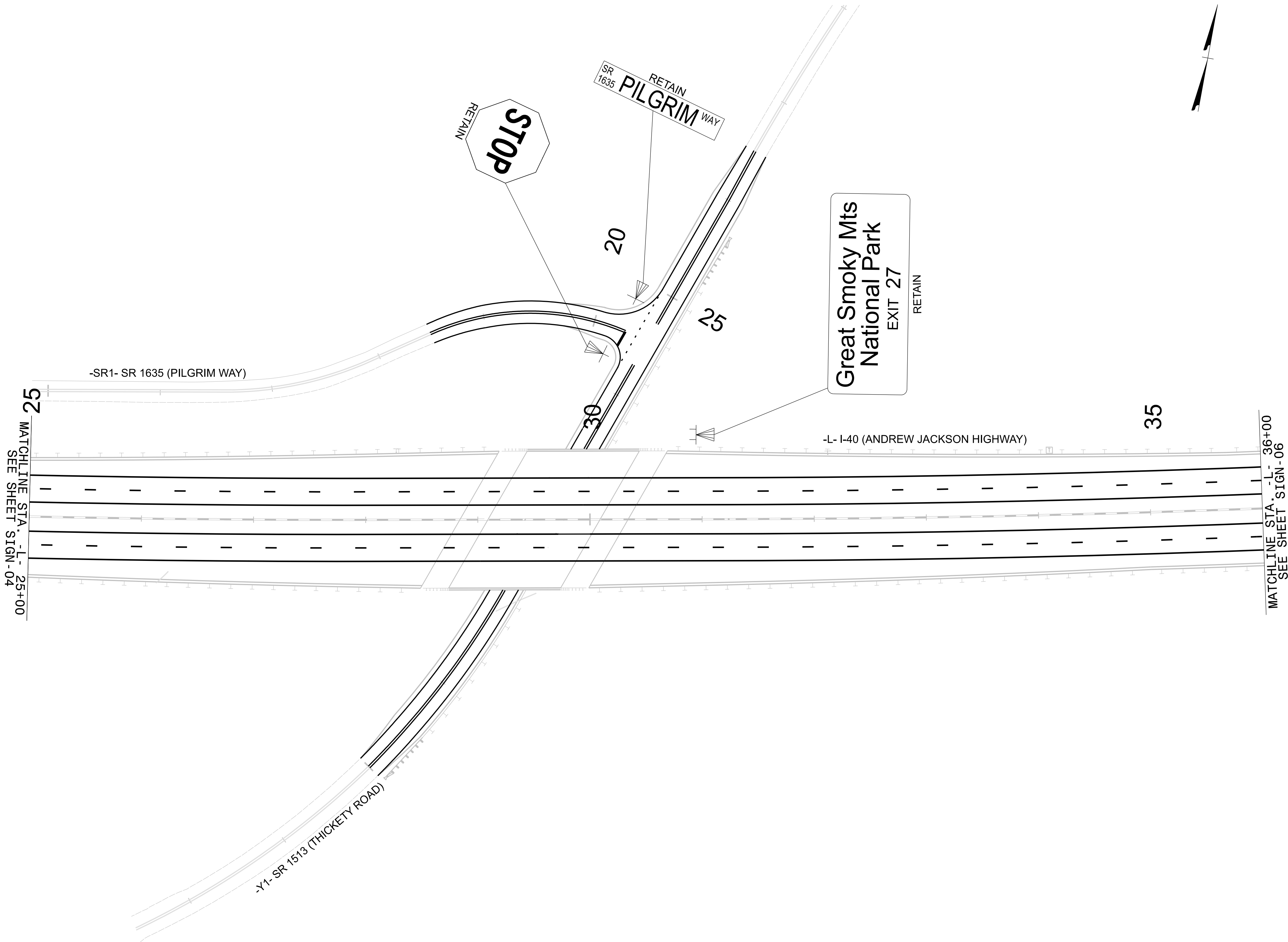
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ENGINEER
BRITTANY N GROOM

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SIGN05

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Signed by:
APPROVEDBrittany N. Groom, Inc.
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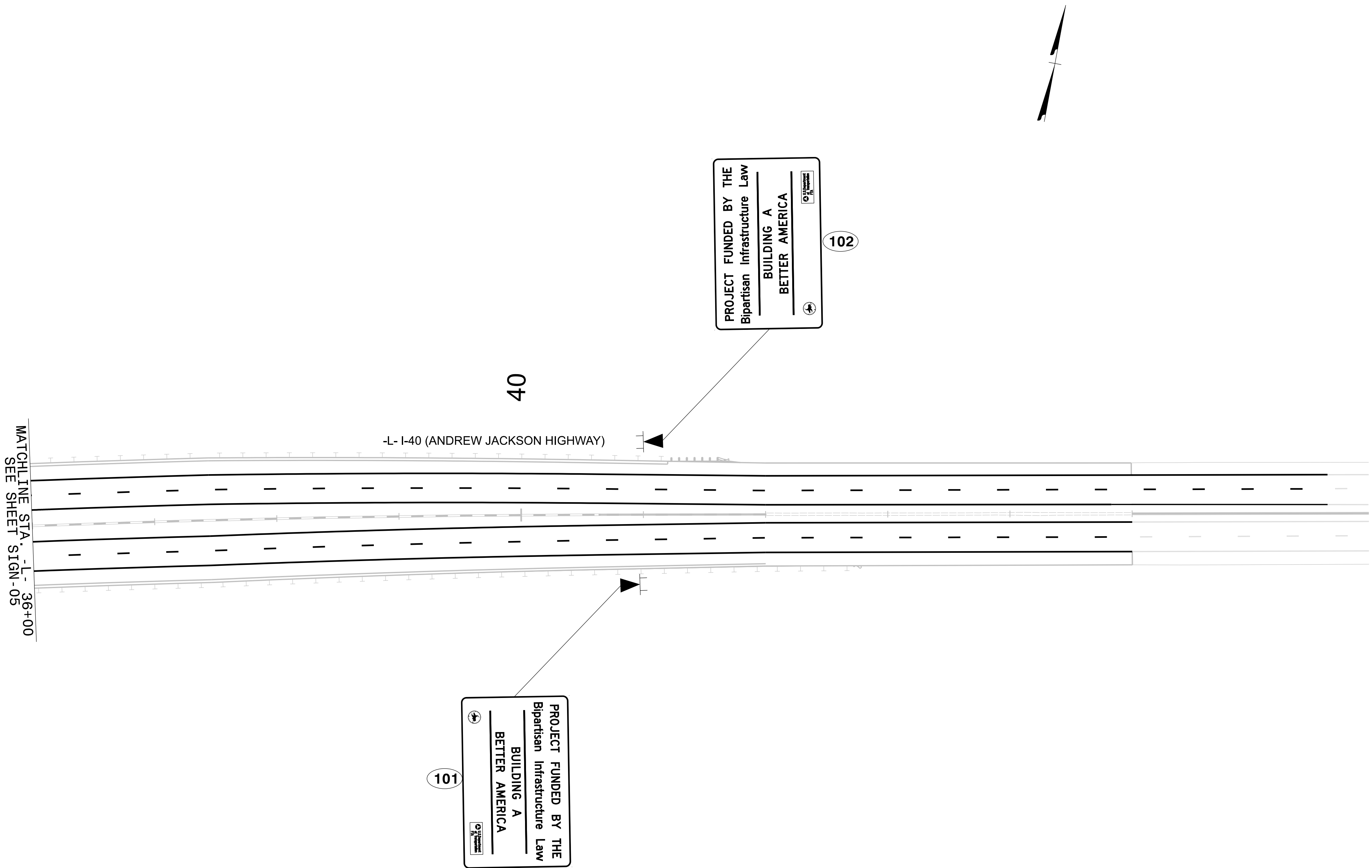
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SIGN06

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