

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
DAVIE COUNTY

LOCATION: REALIGNMENT AND EXTENSION OF SR 1630 (BALTIMORE ROAD)
FROM SOUTH OF US 158 TO A NEW INTERCHANGE AT I-40

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4048000000	902	REINFORCED CONCRETE SIGN FOUNDATION	4	C.Y.
4054000000	902	PLAIN CONCRETE SIGN FOUNDATION	1	C.Y.
4057000000	SP	OVERHEAD FOOTING	17	C.Y.
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM	4,877	LB.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	1,636	L.F.
4078000000	903	SUPPORTS, 2 LB STEEL U-CHANNEL	2	EA.
4080200000	903	SUPPORTS, STEEL SQUARE TUBE	91	L.F.
4096000000	904	SIGN ERECTION, TYPE D	3	EA.
4102000000	904	SIGN ERECTION, TYPE E	56	EA.
4108000000	904	SIGN ERECTION, TYPE F	17	EA.
4109000000	904	SIGN ERECTION, TYPE A (OVERHEAD)	2	EA.
4109000000	904	SIGN ERECTION, TYPE B (OVERHEAD)	2	EA.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	7	EA.
4110000000	904	SIGN ERECTION, TYPE B (GROUND MOUNTED)	5	EA.
4114000000	904	SIGN ERECTION, MILEMARKERS	2	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE A (GROUND MOUNTED)	1	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE D (GROUND MOUNTED)	1	EA.
4130000000	906	SUPPORTS, OVERHEAD SIGN STRUCTURE @ -Y2- STA. 31+66	1	L.S.
4138000000	907	DISPOSAL OF SUPPORT, STEEL BEAM	2	EA.
4152000000	907	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	3	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	14	EA.
4192000000	907	DISPOSAL OF SUPPORT, U-CHANNEL	1	EA.
4360000000	SP	OMNI-DIRECTIONAL BREAKWAY SIGN SUPPORT	7	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 MAY BE 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
901.60	RIVET SPACING FOR OVERLAYED SIGNS
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
903.20	WOOD SIGN SUPPORT
903.30	BARRIER SIGN SUPPORT ASSEMBLY
903.40	MEDIAN BARRIER SIGN SUPPORT AND ANCHORAGE
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.20	SECONDARY SIGN MOUNTING
904.30	SUPPLEMENTAL SIGN MOUNTING
904.40	MILEPOST AND PLACEMENT
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS
910.10	HIGHWAY-RAIL GRADE CROSSINGS (RURAL DISTRICT/ BUSINESS OR RESIDENCE DISTRICT)
910.20	SIGNING SCHOOL ZONE WITH/WITHOUT MARKED CROSSWALK WHERE SPEED REDUCTION IS/ IS NOT REQUIRED
910.30	SIGNING UNSIGNALIZED/ SIGNALIZED REDUCED CONFLICT INTERSECTION
910.40	SINGLE/TWO LANE ROUNDABOUT SIGNING
910.50	SIGNING FOR SPEED REDUCTION ZONE

GENERAL NOTES

- SIGNS FURNISHED BY STATE (BUNN SIGN PLANT)
- CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.
- ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO U-CHANNEL POSTS UNLESS OTHERWISE INDICATED ON THE PLANS.
- IF REMOVAL OR RELOCATION 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.
- 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.

PROJECT NOTES

- | | |
|---|--|
| 1 | DISPOSAL OF SIGN SYSTEM, U-CHANNEL |
| 2 | DISPOSAL OF SIGN SYSTEM, STEEL BEAM |
| 3 | DISPOSAL OF SUPPORT, U-CHANNEL |
| 4 | DISPOSAL OF SUPPORT, STEEL BEAM |
| 5 | RELOCATE SIGN, TYPE A (GROUND MOUNTED) |
| 6 | RELOCATE SIGN, TYPE D |

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2	SUPPORT INFORMATION
SIGN-3-3A	TYPE "E" AND "F" SIGNS AND MILE MARKERS
SIGN-4-4D	SIGN DESIGNS AND OVERHEAD DETAILS
SIGN-5-17	SIGN DETAIL SHEETS

U-6187

SIGN001

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DAVIE COUNTY

SIGNING AND DELINEATION UNIT

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DAVIE COUNTY

SEAL
031533
JOHN C. TOWNSEND
ENGINEER

8/20/2025

PREPARED BY

VHB Engineering NC, P.C. (C-3705)
940 Main Campus Drive, Suite 500
Raleigh, NC 27605

SIGNING
TITLE SHEET

CONTRACT: C205093 TIP PROJECT: U-6187

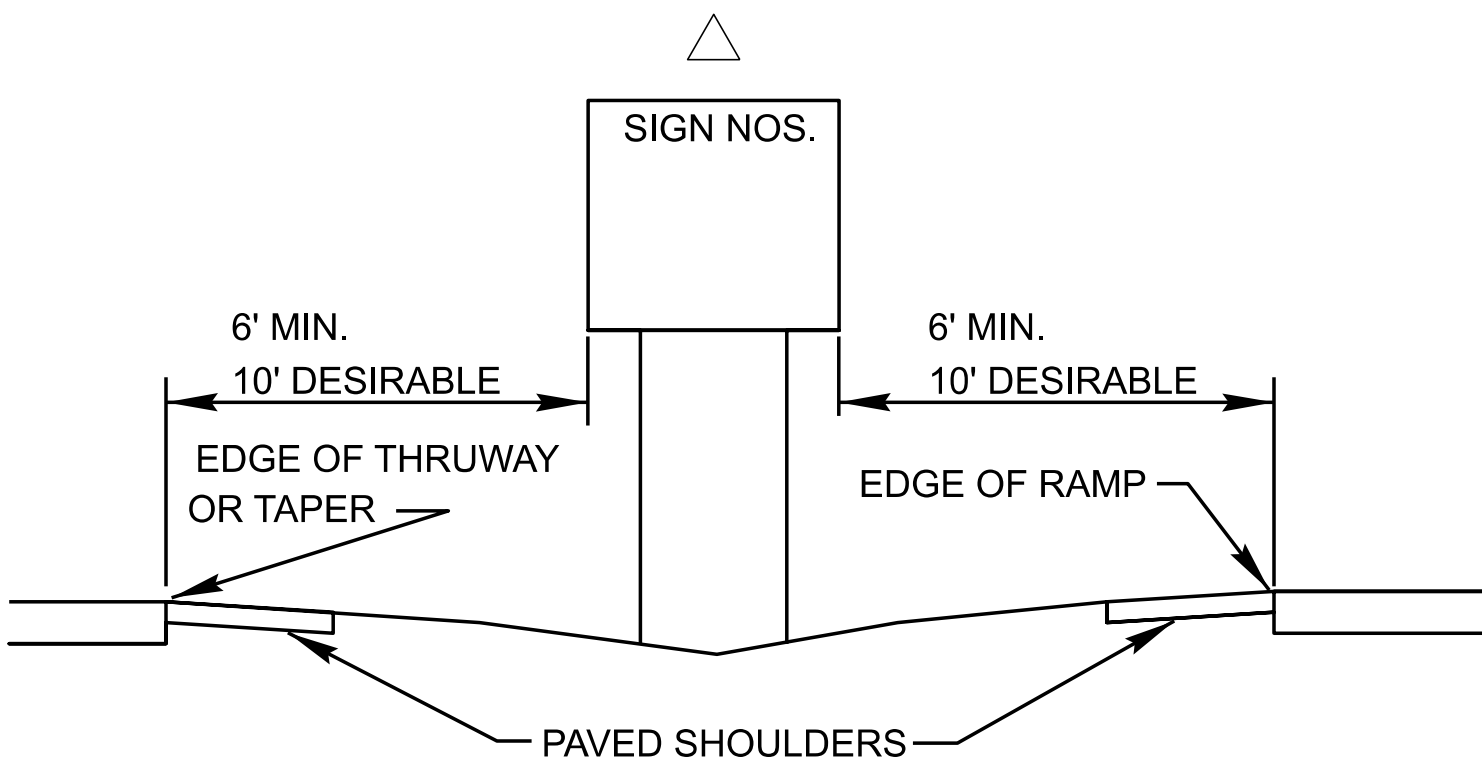
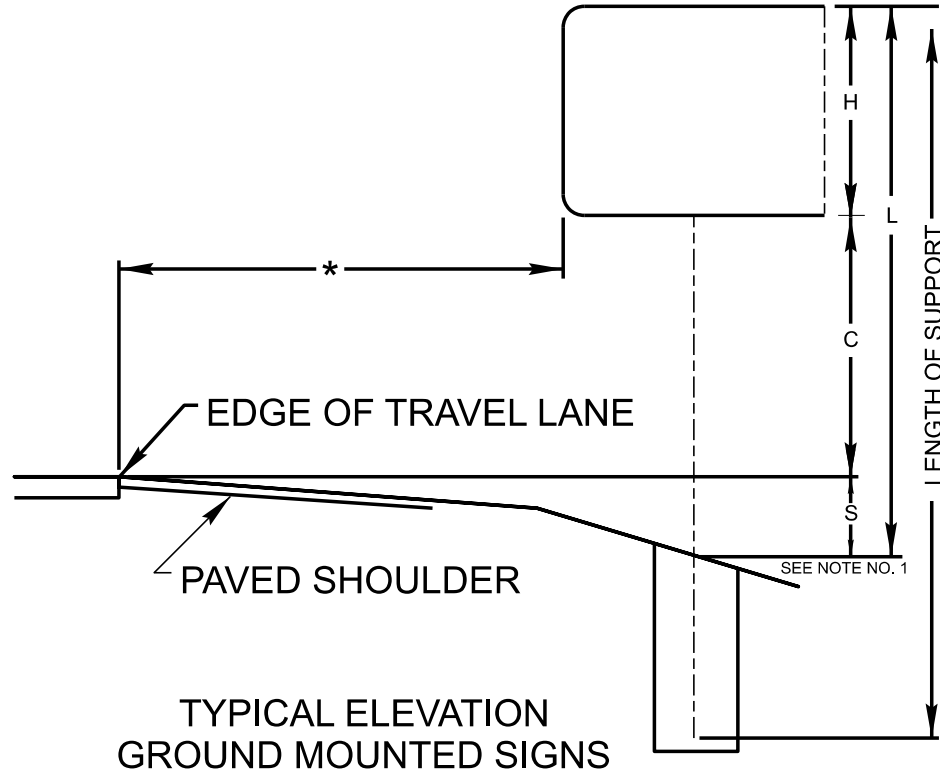
11/14/23

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										B/A (lbs.)	SIMPLE (lbs.)	DIAMETER (ft.)	DEPTH (ft.)	REINFORCED (c.y.)	PLAIN (c.y.)	
		w	x	h										"H"	"C"																	
101A 101B	B A	132 204	x x	30 78	-Y2- -22+00	2	W6x16	BA	N/A	1-R N/A	N/A N/A	30.00	9.96	6.50	7.00	4.5	4.32	17.82	22.32	0.00	0.00	0.00	5.90	19.40	23.90	833.52	0	1.5	5	0.65	0.00	_____
102A 102B	B A	132 204	x x	30 78	-Y2- 4+50	2	W6x16	BA	N/A	1-R N/A	N/A N/A	30.00	9.96	6.50	10.61	4.0	-0.52	16.59	20.59	0.00	0.00	0.00	-3.61	13.50	17.50	703.43	0	1.5	4.5	0.59	0.00	_____
103	A	168	x	84	-Y2- 65+00	2	W6x16	BA	N/A	N/A	N/A	16.00	8.20	7.00	7.00	4.0	3.40	17.40	21.40	0.00	0.00	0.00	6.50	20.50	24.50	828.40	0	1.5	4.5	0.59	0.00	_____
104A 104B	B A	132 204	x x	30 78	-Y2- 75+00	2	W6x16	BA	N/A	1-R N/A	N/A N/A	30.00	9.96	6.50	9.40	4.5	0.24	16.14	20.64	0.00	0.00	0.00	-2.40	13.50	18.00	712.24	0	1.5	5	0.65	0.00	_____
105A 105B	B A	132 204	x x	30 96	-Y2- 53+79	2	W6x16	BA	N/A	1-R N/A	N/A N/A	30.00	9.96	8.00	11.10	4.0	-3.20	15.90	19.90	0.00	0.00	0.00	-4.10	15.00	19.00	716.40	0	1.5	4.5	0.59	0.00	_____
201	A	96	x	60	-Y2- 37+05	2	S3x5.7	BA	N/A	N/A	N/A	Δ	4.69	5.00	7.90	2.5	-0.40	12.50	15.00	0.00	0.00	0.00	-0.90	12.00	14.50	204.15	0	1.0	3	0.00	0.17	_____
202A 202B	A B	96 72	x x	60 24	-Y2- 42+71	2	S4x7.7	BA	N/A	N/A N/A	N/A II	Δ	4.69	7.00	7.60	3.0	-0.60	14.00	17.00	0.00	0.00	0.00	-0.01	14.59	17.59	306.34	0	1.0	3.5	0.00	0.20	_____
901	A	180	x	114	-Y2- 45+62	2	W6x12	BA	N/A	N/A	N/A	30.00	8.79	9.50	9.30	4.0	-2.10	16.70	20.70	0.00	0.00	0.00	-2.30	16.50	20.50	572.40	0	1.5	4.5	0.59	0.00	_____

TOTAL	TOTAL	TOTAL	TOTAL
4876.88	0.00	3.67	0.38
USE:	4877.00	0.00	4.00 1.00

NOTES

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



U-6187

SIGN002

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DAVIE COUNTY

SIGNING AND DELINEATION UNIT

8/20/2025

PREPARED BY

VHB Engineering, Inc. P.C. (C-3705)
940 Main Campus Drive, Suite 500
Raleigh, NC 27606

TYPE "A" AND TYPE "B"
GROUND MOUNTED
SIGNS

TIP PROJECT: U-6187

							U-6187	
							SIGN 003	
							NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DAVIE COUNTY	
							SIGNING AND DELINEATION UNIT	
							PROFESSIONAL SEAL JOHN G. TOWNSEND ENGINEER 031533 NC-C-11069	
							8/20/2025	
							PREPARED BY vhb VHB Engineering NC, P.C. (C-3705) 540 Main Campus Drive, Suite 500 Raleigh, NC 27605	
							TYPE "E" SIGNS	
							TIP PROJECT: U-6187	

11/14/23

501 TO INTERSTATE 40 ↑ WEST 158 ← EAST 158 → 1 - 24 X 12 1 - 24 X 24 1 - 21 X 15 2 - 24 X 12 2 - 30 X 24 2 - 21 X 15 TWO "U" POSTS PER ASSEMBLY	506 JCT INTERSTATE 40 1 - 21 X 15 1 - 24 X 24 ONE "U" POST PER ASSEMBLY	511 TO 158 → 1 - 24 X 12 1 - 30 X 24 1 - 21 X 15 MOUNT BACK TO BACK WITH SIGN 412 IN 1 INSTALLATION	516517 JCT 158 1 - 21 X 15 1 - 30 X 24 ONE "U" POST PER ASSEMBLY		QUANTITY REQ'D <u>2</u> MILE 1 7 9 D10-3 12 X 48 ONE "U" POST PER ASSEMBLY	
502 EAST 158 1 - 24 X 12 1 - 30 X 24 ONE "U" POST PER ASSEMBLY	507 WEST INTERSTATE 40 ↑ EAST INTERSTATE 40 → 2 - 24 X 12 2 - 24 X 24 2 - 21 X 15 TWO "U" POSTS PER ASSEMBLY	512 TO 158 ↑ 1 - 24 X 12 1 - 30 X 24 1 - 21 X 15 ONE "U" POST PER ASSEMBLY				
503 TO INTERSTATE 40 → 1 - 24 X 12 1 - 24 X 24 1 - 21 X 15 ONE "U" POST PER ASSEMBLY	508 WEST INTERSTATE 40 ↑ 1 - 24 X 12 1 - 24 X 24 1 - 21 X 15 ONE "U" POST PER ASSEMBLY	513 TO INTERSTATE 40 ← 1 - 24 X 12 1 - 24 X 24 1 - 21 X 15 ONE "U" POST PER ASSEMBLY				
504 EAST 158 ← WEST 158 → 2 - 24 X 12 2 - 30 X 24 2 - 21 X 15 TWO "U" POSTS PER ASSEMBLY	509 EAST INTERSTATE 40 ↙ TO 158 ↑ 2 - 24 X 12 1 - 24 X 24 1 - 30 X 24 2 - 21 X 15 TWO "U" POSTS PER ASSEMBLY	514 WEST INTERSTATE 40 1 - 36 X 18 1 - 36 X 36 ONE "U" POST PER ASSEMBLY				
505 WEST 158 1 - 24 X 12 1 - 30 X 24 ONE "U" POST PER ASSEMBLY	510 EAST INTERSTATE 40 ← TO 158 ↑ 2 - 24 X 12 1 - 24 X 24 1 - 30 X 24 2 - 21 X 15 TWO "U" POSTS PER ASSEMBLY	515 EAST INTERSTATE 40 1 - 36 X 18 1 - 36 X 36 ONE "U" POST PER ASSEMBLY				

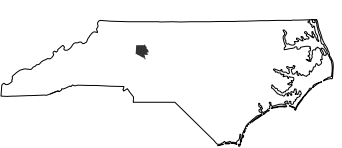
U-6187

SIGN003A

NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

DAVIE COUNTY



SIGNING AND DELINEATION UNIT

STATE OF NORTH CAROLINA

PROFESSIONAL SEAL

031533

JOHN C. TOWNSEND

ENGINEER

8/20/2025

PREPARED BY



vhb

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Raleigh, NC 27605

TYPE "F" SIGNS AND
MILE MARKERS

TIP PROJECT: U-6187

[illegible][illegible][illegible][illegible]

[illegible][illegible][illegible][illegible]

U-6187	
SIGN	004A
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DAVIE COUNTY	
	
SIGNING AND DELINEATION UNIT	
	
8/20/2025	
PREPARED BY	
 VHB Engineering Inc. P.C. (C-3705) 940 Nantuxum Drive, Suite 500 Raleigh, NC 27605	

SIGN DESIGNS

TIP PROJECT: U-6187

11/14/23

SIGN NUMBER: 105B
TYPE: A
QUANTITY: 1
SIGN WIDTH: 17'-0"
HEIGHT: 8'-0"
TOTAL AREA: 136 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 196.0

BACKG COLOR: Green
COPY COLOR: White
SYMBOL X Y WID HT
AR_Type A 88.2 18.7 22.2 35
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: VHB
PROJECT ID: U-6187
CHECKED BY:
LOCATION:
May 02, 2025
DIV: 09

USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum with Grade C reflective sheeting and demountable.

LETTER POSITIONS
Letter spacings are to start of next letter
Series/Size Text Length
EM 2000 165.75
NORTH CAROLINA D.O.T. SIGN DETAIL
FILENAME: U-6187_SGN_SSD

SIGN NUMBER: 201, 202A
TYPE: B
QUANTITY: 2
SIGN WIDTH: 8'-0"
HEIGHT: 5'-0"
TOTAL AREA: 40 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1-1/2"
RADII: 8"
NO. Z BARS: 2
LENGTH: 88.0

BACKG COLOR: Green
COPY COLOR: White
SYMBOL X Y WID HT
AR_Type A 67.7 6.7 18 28.4
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: VHB
PROJECT ID: U-6187
CHECKED BY:
LOCATION:
May 02, 2025
DIV: 09

USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum with Grade C reflective sheeting and demountable.

LETTER POSITIONS
Letter spacings are to start of next letter
Series/Size Text Length
EM 2000 37
E 2000 40.7
NORTH CAROLINA D.O.T. SIGN DETAIL
FILENAME: U-6187_SGN_SSD

SIGN NUMBER: 202B
TYPE: B
QUANTITY: 1
SIGN WIDTH: 6'-0"
HEIGHT: 2'-0"
TOTAL AREA: 12.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0.63"
WIDTH: 0.75"
RADII: 1.88"
NO. Z BARS:
LENGTH:

BACKG COLOR: Yellow
COPY COLOR: Black
SYMBOL X Y WID HT
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: VHB
PROJECT ID: U-6187
CHECKED BY:
LOCATION:
Feb 19, 2025
DIV: 09

USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum with Grade C reflective sheeting and demountable.

LETTER POSITIONS
Letter spacings are to start of next letter
Series/Size Text Length
E 2000 29.6
E 2000 22.3
NORTH CAROLINA D.O.T. SIGN DETAIL
FILENAME: U-6187_SGN_SSD

SIGN NUMBER: 301
TYPE: D
QUANTITY: 1
SIGN WIDTH: 6'-6"
HEIGHT: 2'-6"
TOTAL AREA: 16.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0-3/4"
RADII: 2-1/4"
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White
SYMBOL X Y WID HT
AR_Type D 5.8 19.3 6 9
AR_Type D 63.2 4.7 6 9
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: VHB
PROJECT ID: U-6187
CHECKED BY:
LOCATION:
Mar 13, 2025
DIV: 09

USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum with Grade C reflective sheeting and demountable.

LETTER POSITIONS
Letter spacings are to start of next letter
Series/Size Text Length
D 2000 36.5
D 2000 50.75
NORTH CAROLINA D.O.T. SIGN DETAIL
FILENAME: U-6187_SGN_SSD

U-6187

SIGN 0048

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DAVIE COUNTY

SIGNING AND DELINEATION UNIT

8/20/2025

PREPARED BY
vhb
VHB Engineering NC, P.C. (C-3705)
940 Main Campus Drive, Suite 500
Raleigh, NC 27606

SIGN DESIGNS

TIP PROJECT: U-6187

11/14/23

SIGN NUMBER: 302
TYPE: D
QUANTITY: 1
SIGN WIDTH: 6'-6"
HEIGHT: 2'-6"
TOTAL AREA: 16.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0-3/4"
RADII: 2-1/4"
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White
SYMBOL
AR_Type D
AR_Type D
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: VHB
PROJECT ID: U-6187
CHECKED BY:
LOCATION:
Mar 13, 2025
DIV: 09

← Bermuda Run
Mocksville →

2' 6" 6' 6" 19.3 4.7 6 4.7 19.3 5.8 66.4 5.8 4.7 6 4.7 19.3 4.7 6 4.7

BORDER
R=2.25 in
TH=0.75 in

Spacing Factor is 1 unless specified otherwise

USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum with Grade C reflective sheeting and demountable.

LETTER POSITIONS
Letter spacings are to start of next letter
Series/Size
Text Length
D 2000
50.75
D 2000
36.5
FILENAME: U-6187_SGN_SSD
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 303
TYPE: D
QUANTITY: 1
SIGN WIDTH: 6'-6"
HEIGHT: 2'-6"
TOTAL AREA: 16.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 2.25"
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White
SYMBOL
AR_Type D
AR_Type D
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: VHB
PROJECT ID: U-6187
CHECKED BY:
LOCATION:
Mar 13, 2025
DIV: 09

↑ Statesville
Winston-Salem →

2' 6" 6' 6" 14.625 4.7 3.2 9 7.1 6 4.7 19.3 5.8 66.4 5.8 4.7 6 4.7 14.625 4.7 3.2 9 7.1 6 4.7

BORDER
R=2.25 in
TH=0.75 in

Spacing Factor is 1 unless specified otherwise

USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum with Grade C reflective sheeting and demountable.

LETTER POSITIONS
Letter spacings are to start of next letter
Series/Size
Text Length
D 2000
35.9
D 2000
51.4
FILENAME: U-6187_SGN_SSD
NORTH CAROLINA D.O.T. SIGN DETAIL

U-6187
SIGN 004C
NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DAVIE COUNTY
SIGNING AND DELINEATION UNIT

PROFESSIONAL SEAL
031533
JOHN C. TOWNSEND
ENGINEER

8/20/2025

PREPARED BY
vhb
VHB Engineering NC, P.C. (C-3705)
940 Main Campus Drive, Suite 500
Raleigh, NC 27606

SIGN DESIGNS

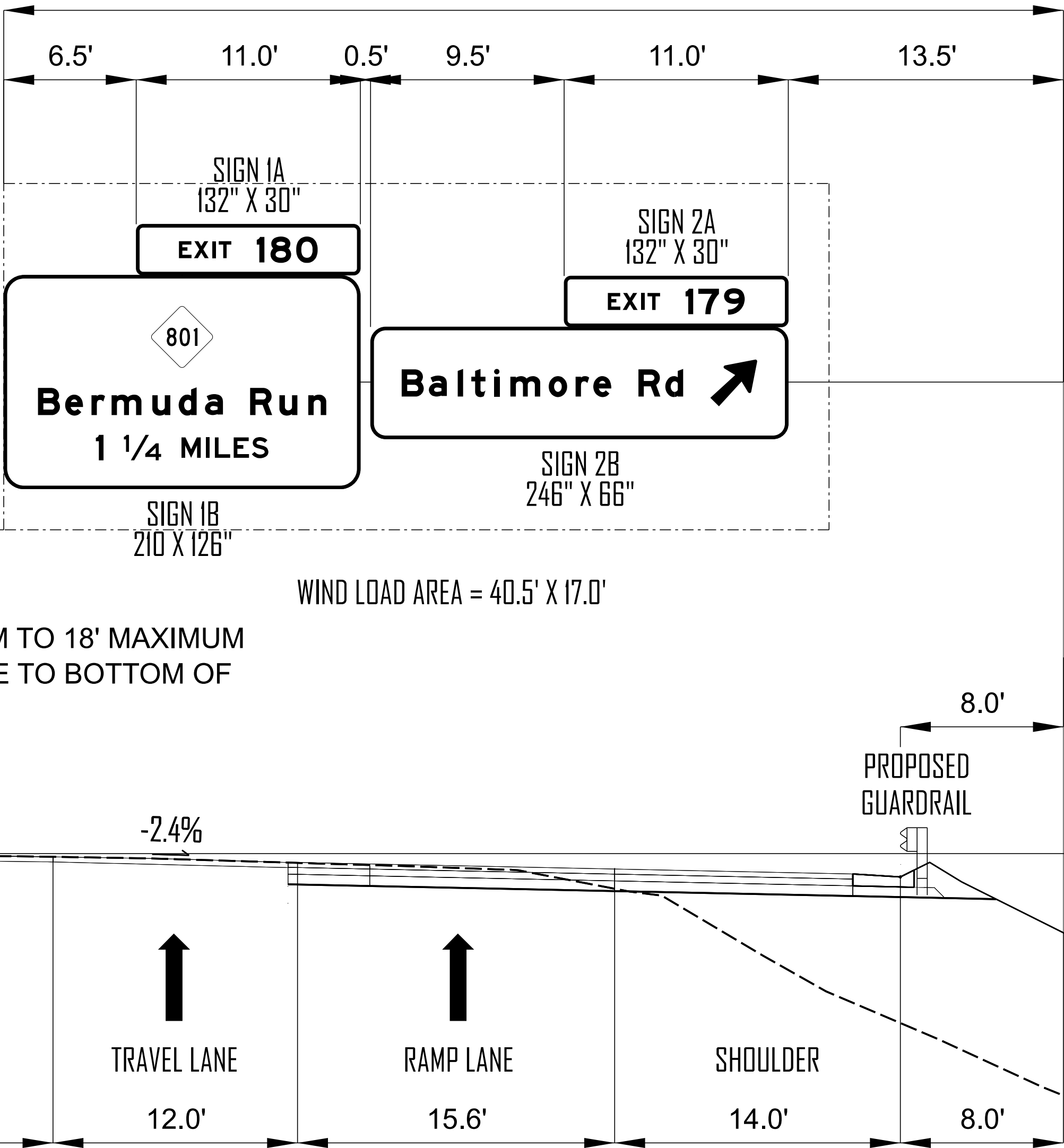
TIP PROJECT: U-6187

11/14/23

-Y2-

OVERHEAD SIGN ASSEMBLY "A"

52.0'



I-40 EASTBOUND

- NOTES:
1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
 2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
 3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
 4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 4 INCHES AND NOT MORE THAN 24 INCHES ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
 5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
 6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 110 M.P.H.

U-6187

SIGN0040

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DAVIE COUNTY

SIGNING AND DELINEATION UNIT

8/20/2025

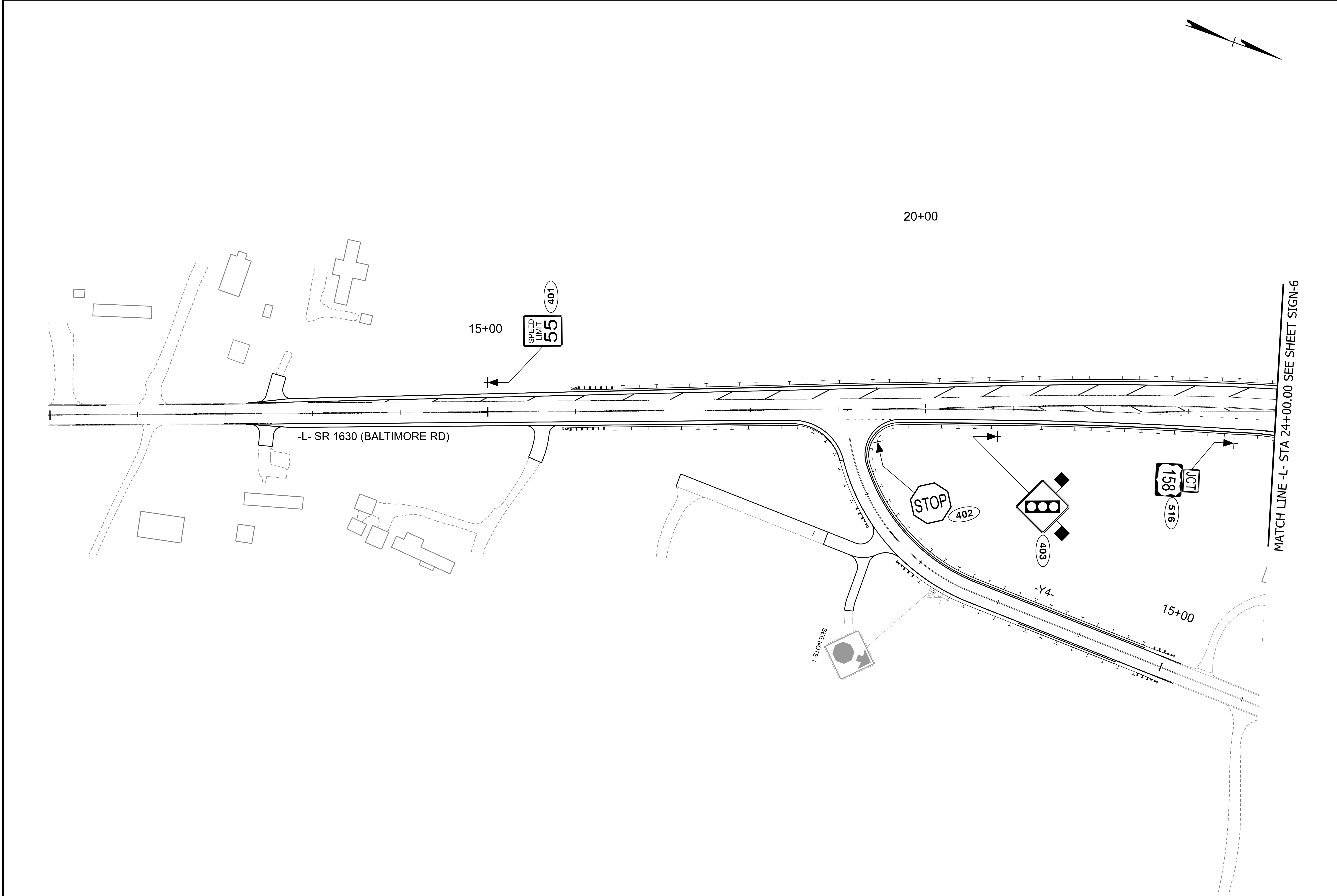
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vhb Engineering NC, P.C. (C-3705)
940 Main Campus Drive, Suite 500
Raleigh, NC 27605

OVERHEAD SIGN
ASSEMBLY "A"
-Y2- STA. 31+66

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U-6187

SIGN	005
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DAVIE COUNTY

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JOHN G. TOWNSEND

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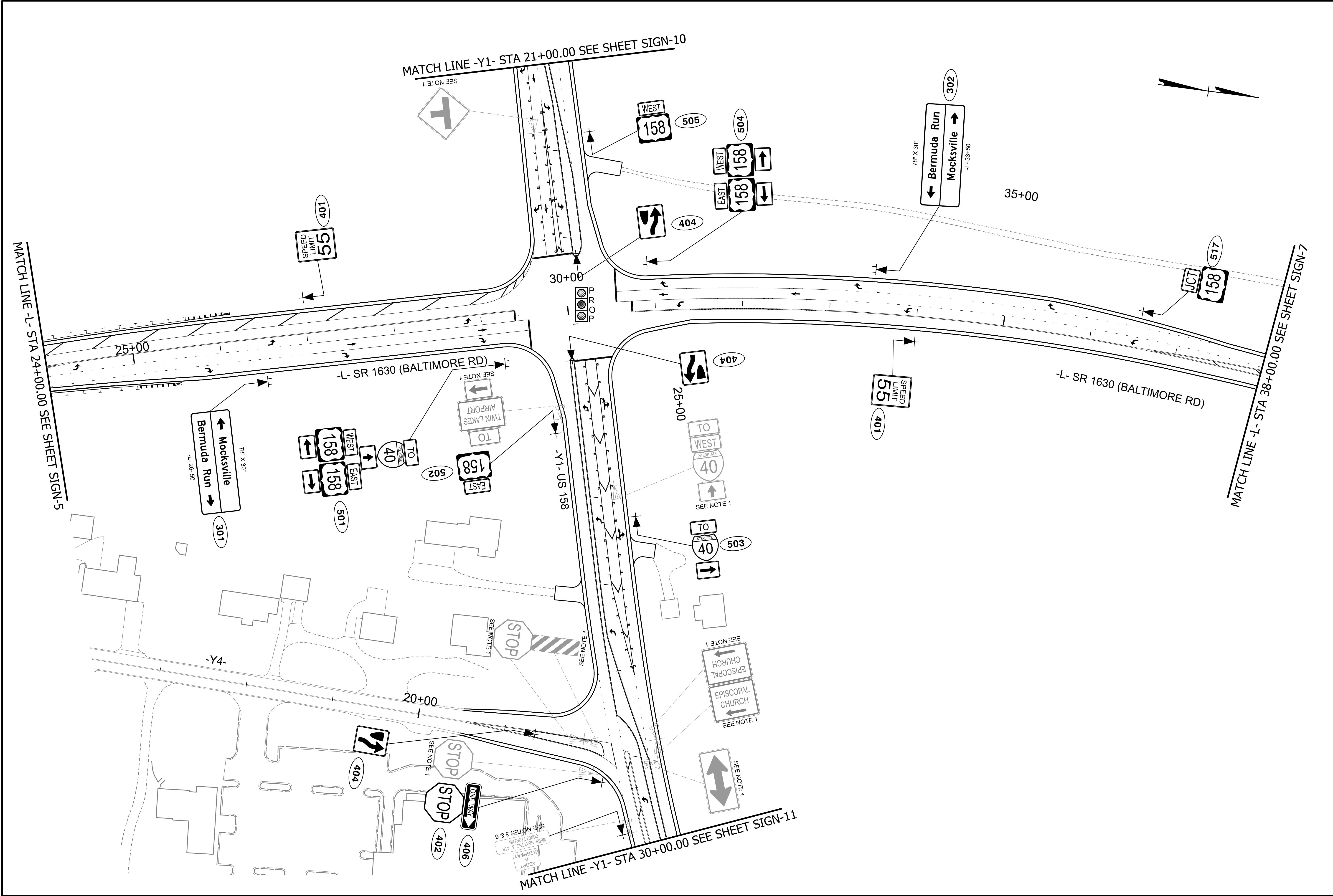
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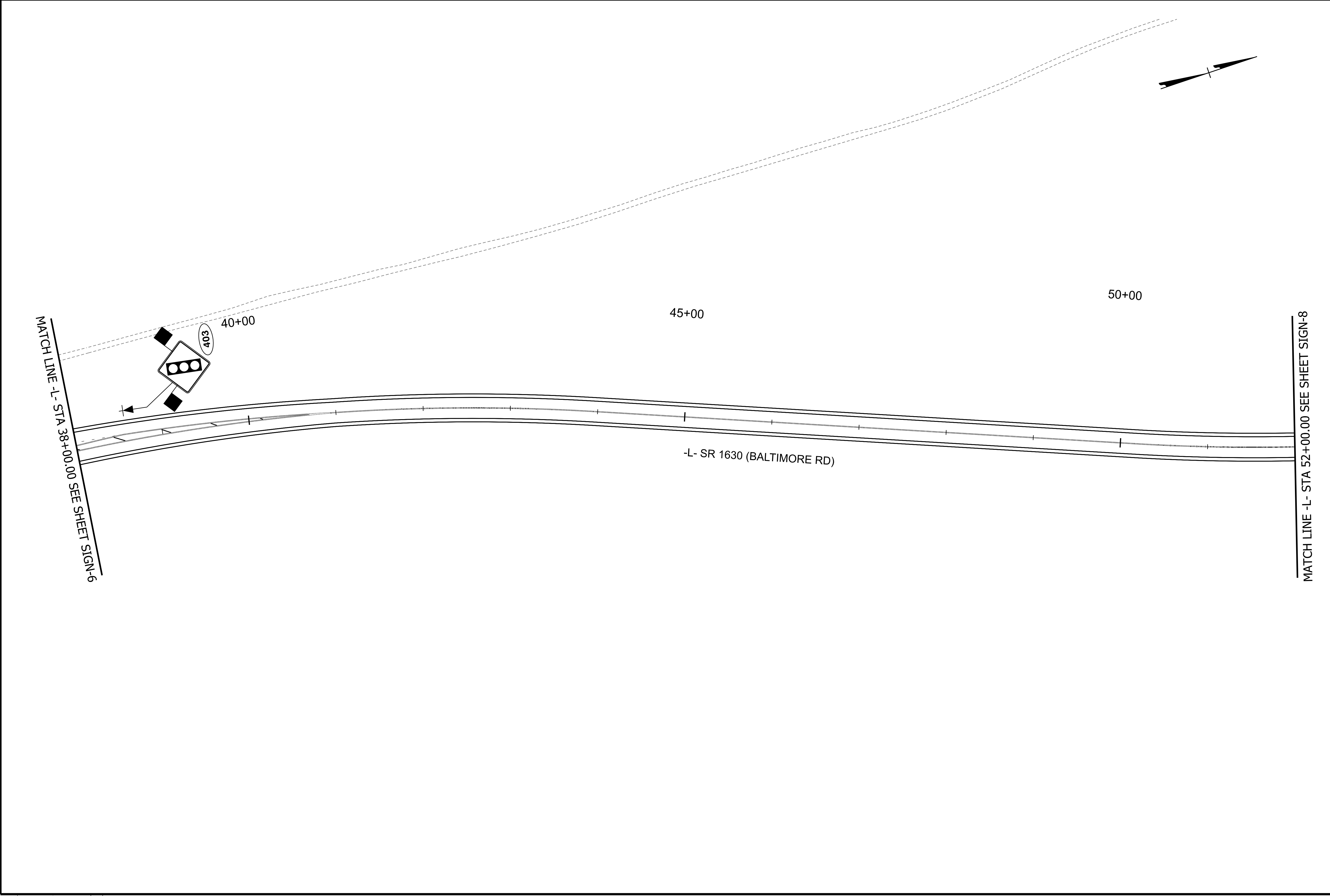
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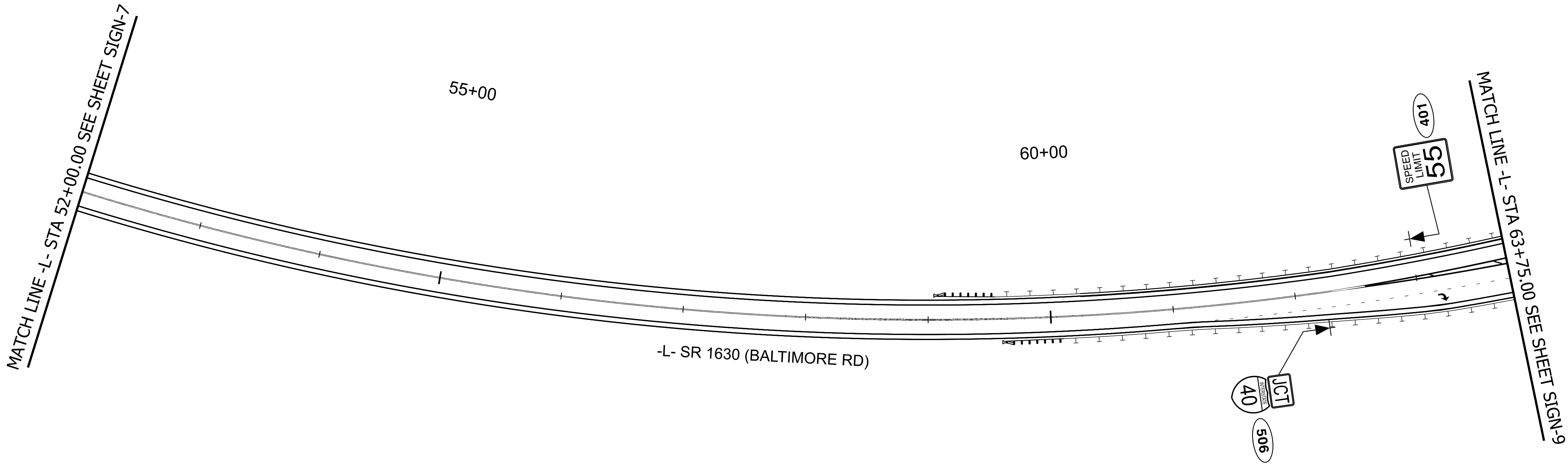
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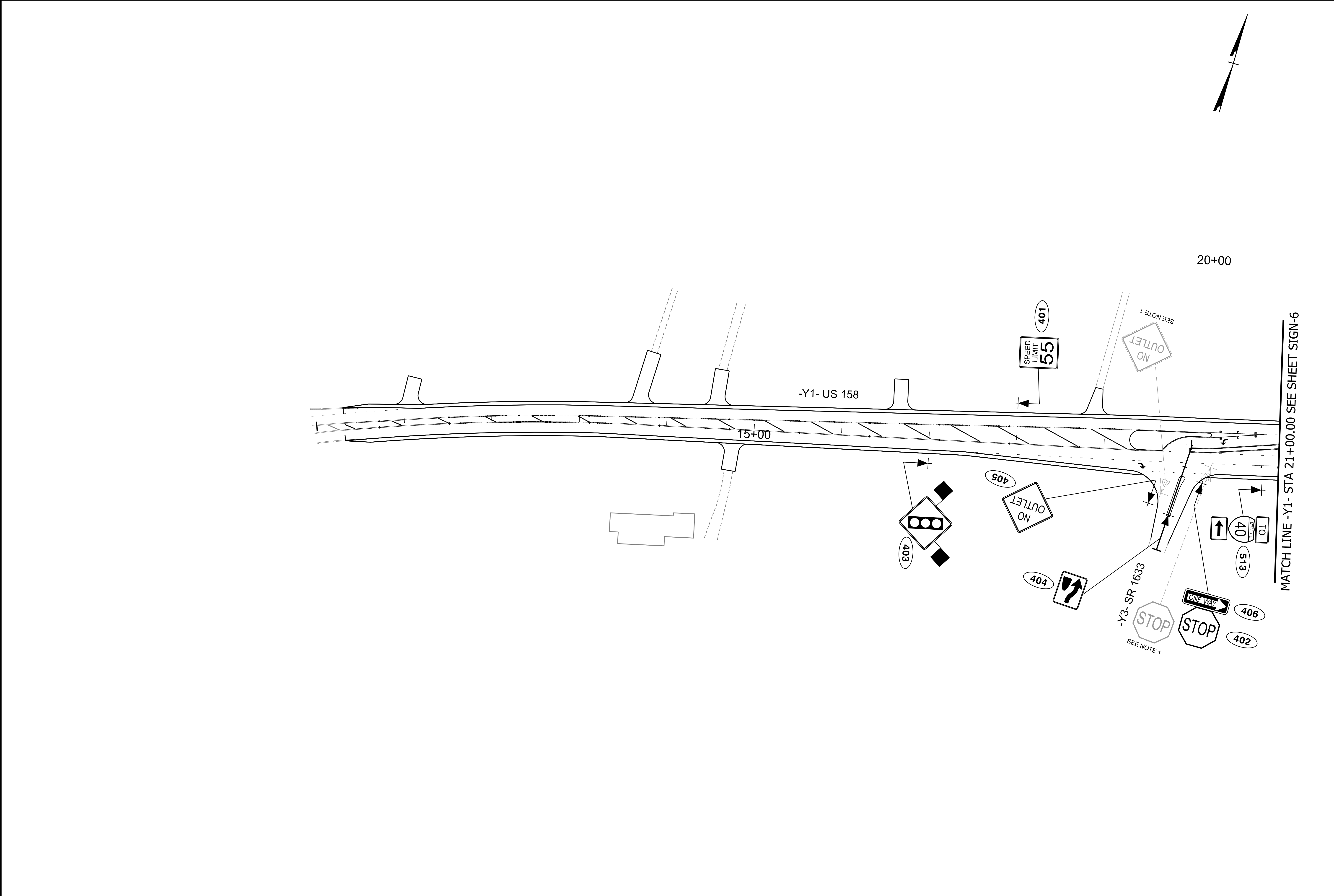
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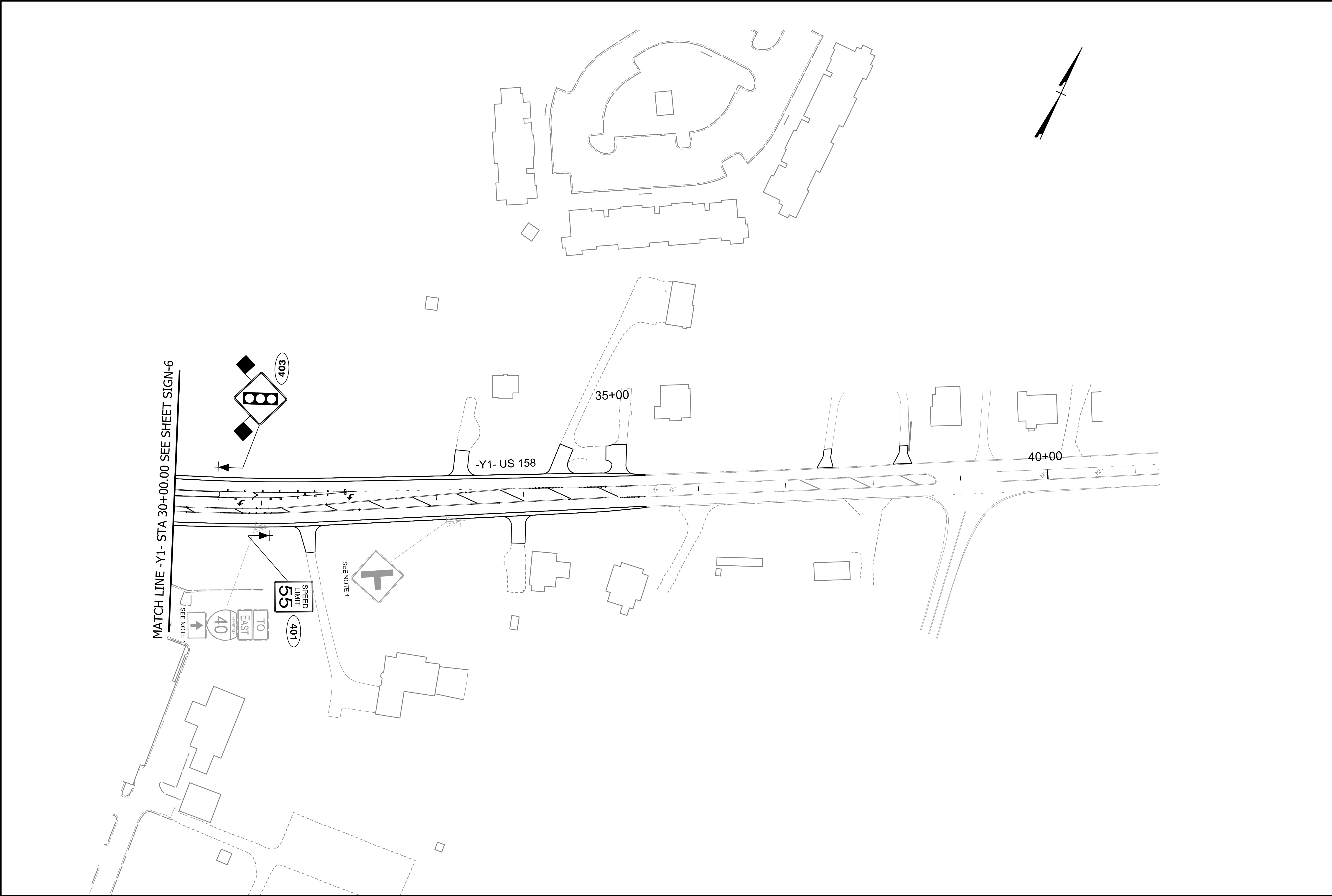
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