

**NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
COLUMBUS COUNTY**

LOCATION: US 74 AT SR 1506 (OLD BOARDMAN RDMACEDONIA CHURCH RD)

R-5797

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 2018 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
903.10	GROUND MOUNTED SIGN SUPPORTS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.30	SUPPLEMENTAL SIGN MOUNTING
904.40	MILEPOST AND PLACEMENT
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS
910.40	SINGLE/TWO LANE ROUNDABOUT WITH PEDESTRIAN

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2	SUPPORT INFORMATION
SIGN-3A	TYPE E SIGNS
SIGN-3B	TYPE F SIGNS & MILEMARKERS
SIGN-4A THRU 4E	SIGN DESIGNS
SIGN-5A THRU 5F	SIGNING PLAN SHEETS

SUMMARY OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT
4025000000	CONTRACTOR FURNISHED, TYPE A SIGN	535	S.F.
4025000000	CONTRACTOR FURNISHED, TYPE B SIGN	165	S.F.
4025000000	CONTRACTOR FURNISHED, TYPE D SIGN	115	S.F.
4025000000	CONTRACTOR FURNISHED, TYPE E SIGN	450	S.F.
4025000000	CONTRACTOR FURNISHED, TYPE F SIGN	170	S.F.
4025000000	CONTRACTOR FURNISHED, MILEMARKER SIGN	8	S.F.
4048000000	REINFORCED CONCRETE SIGN FOUNDATION	4	C.Y.
4054000000	PLAIN CONCRETE SIGN FOUNDATION	1	C.Y.
4060000000	SUPPORTS, BREAKAWAY STEEL BEAM	853	LB.
4066000000	SUPPORTS, SIMPLE STEEL BEAM	2,517	LB.
4072000000	SUPPORTS, 3 LB STEEL U-CHANNEL	1,330	L.F.
4078000000	SUPPORTS, 2 LB STEEL U-CHANNEL	2	EA.
4096000000	SIGN ERECTION, TYPE D	8	EA.
4102000000	SIGN ERECTION, TYPE E	58	EA.
4108000000	SIGN ERECTION, TYPE F	9	EA.
4110000000	SIGN ERECTION, TYPE A (GROUND MOUNTED)	8	EA.
4110000000	SIGN ERECTION, TYPE B (GROUND MOUNTED)	6	EA.
4114000000	SIGN ERECTION, MILEMARKERS	2	EA.
4151000000	STOCKPILE SIGN SYSTEM, STEEL BEAM	4	EA.
4155000000	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	38	EA.


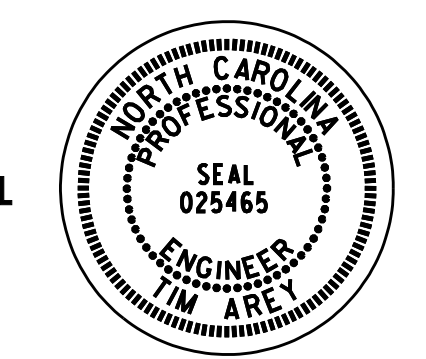
GENERAL NOTES

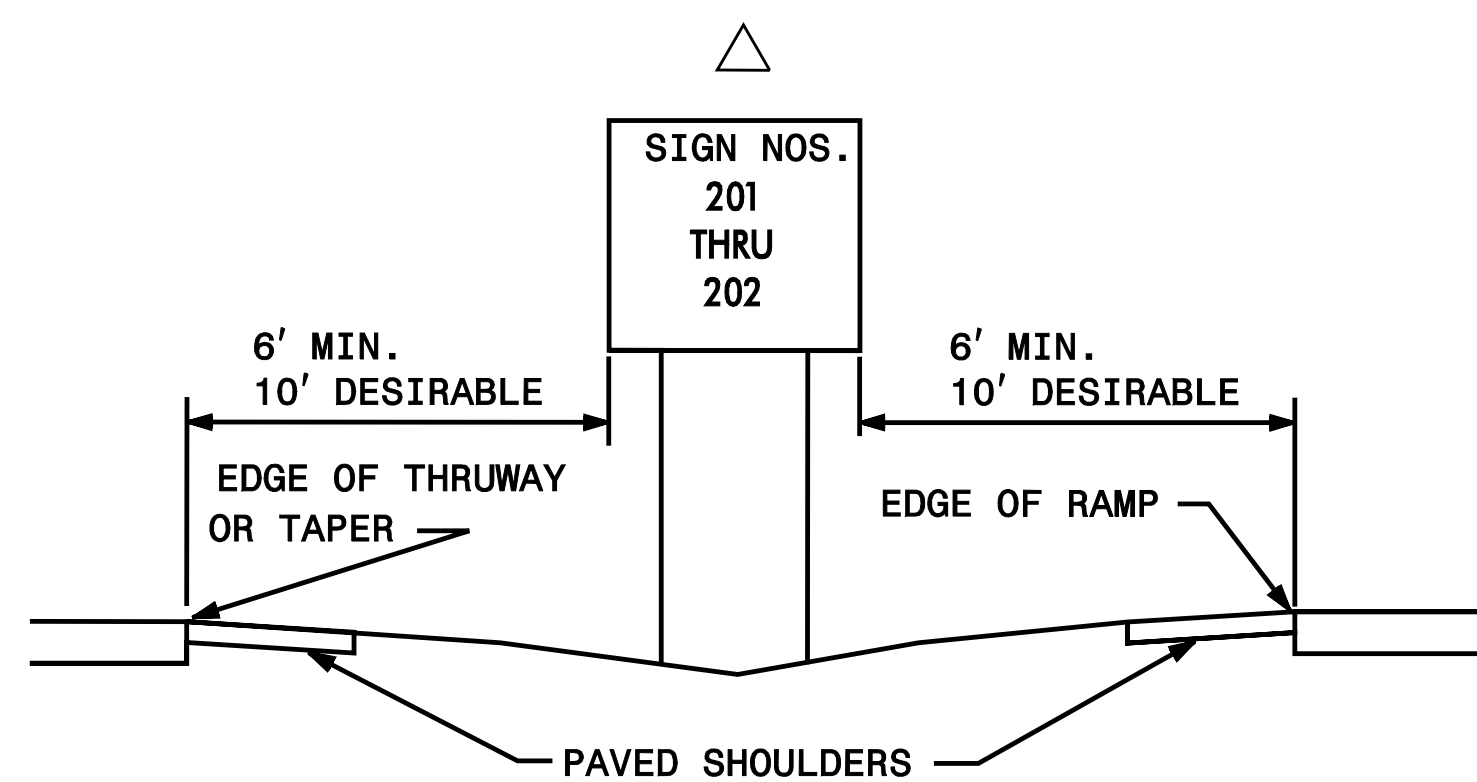
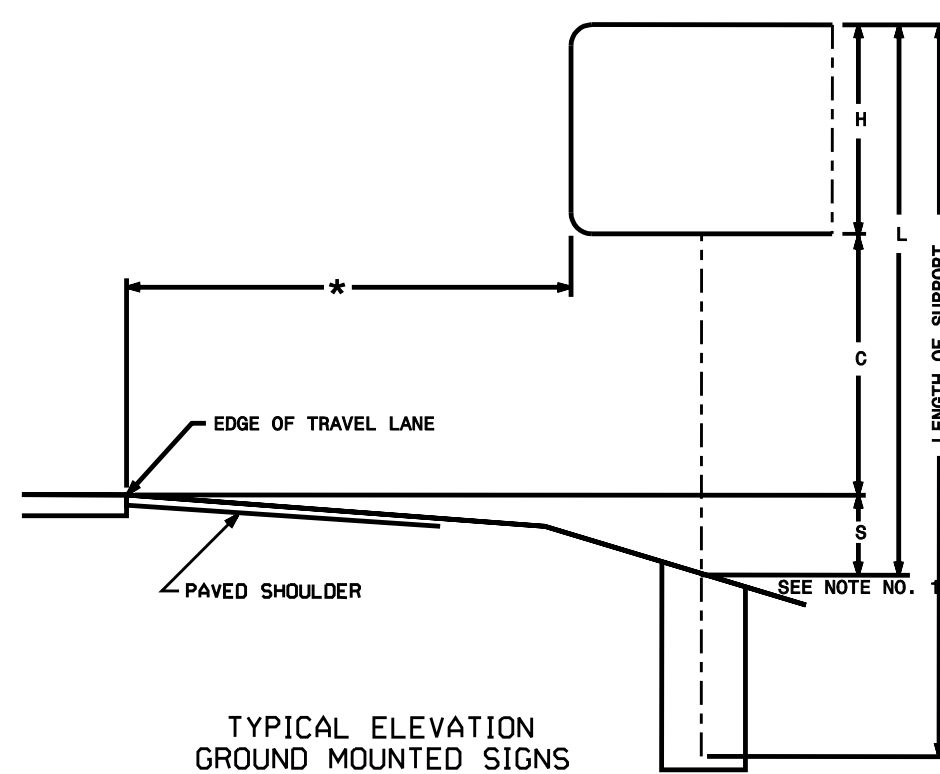
- ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO U-CHANNEL POSTS UNLESS OTHERWISE INDICATED ON THE PLANS.
- IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- WHEN NOT 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

- DISPOSAL OF SIGN SYSTEM, (U-CHANNEL)
- STOCKPILE OF SIGN SYSTEM, (U-CHANNEL))

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

	APPROVED: <i>Tim Are</i> DATE: 01/25/21		SIGNING PLAN
	SEAL		



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 "H"	MTG HT "C"	EMB-D-MENT	S	L	LENGTH	S	L	LENGTH	S	L	LENGTH	S	L	LENGTH	B/A (lbs.)	SIMPLE (lbs.)	DIAMETER (ft)	
101A	B	132	x	30	_____	2	W6x12	S	N/A	1-R	N/A	20.00	7.62	6.50	7.00	3.5	0.50	14.00	17.50	0.00	0.00	0.00	1.00	14.50	18.00	0.00	426	1.5	4	0.52	0.00	_____
101B	A	156	x	78																												
102A	B	132	x	30	_____	2	W6x12	S	N/A	1-R	N/A	20.00	7.62	6.50	7.00	3.5	0.50	14.00	17.50	0.00	0.00	0.00	1.00	14.50	18.00	0.00	426	1.5	4	0.52	0.00	_____
102B	A	156	x	78																												
103A	B	132	x	30	_____	2	W6x12	BA	N/A	1-R	N/A	30.00	7.62	8.00	7.00	4.0	0.50	15.50	19.50	0.00	0.00	0.00	1.00	16.00	20.00	552.00	0	1.5	4.5	0.59	0.00	_____
103B	A	156	x	96																												
104A	B	132	x	30	_____	2	W6x12	BA	N/A	1-R	N/A	30.00	7.62	6.50	7.00	3.5	0.50	14.00	17.50	0.00	0.00	0.00	1.00	14.50	18.00	504.00	0	1.5	4	0.52	0.00	_____
104B	A	156	x	78																												
105A	B	132	x	30	_____	2	W6x12	BA	N/A	1-R	N/A	30.00	7.62	6.50	7.00	3.5	0.50	14.00	17.50	0.00	0.00	0.00	1.00	14.50	18.00	504.00	0	1.5	4	0.52	0.00	_____
105B	A	156	x	78																												
106A	B	132	x	30	_____	2	W6x12	BA	N/A	1-R	N/A	30.00	7.62	8.00	7.00	4.0	0.50	15.50	19.50	0.00	0.00	0.00	1.00	16.00	20.00	552.00	0	1.5	4.5	0.59	0.00	_____
106B	A	156	x	96																												
201	A	96	x	60	_____	2	S3x5.7	BA	N/A	N/A	N/A	Δ	4.69	5.00	7.00	2.5	0.10	12.10	14.60	0.00	0.00	0.00	0.10	12.10	14.60	202.44	0	1.0	3	0.00	0.17	_____
202	A	96	x	60	_____	2	S3x5.7	BA	N/A	N/A	N/A	Δ	4.69	5.00	7.00	2.5	0.10	12.10	14.60	0.00	0.00	0.00	0.10	12.10	14.60	202.44	0	1.0	3	0.00	0.17	_____


TOTAL	2516.88	TOTAL	852.00	TOTAL	3.27	TOTAL	0.35
USE:	2517.00		853.00		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 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.
 4. IF GROUNDWATER IS ENCOUNTERED AT A DEPTH SHALLOWER THAN 7 FEET, THE SIGN FOUNDATION MUST BE REDESIGNED BASED UPON THE ACTUAL FIELD CONDITIONS. THE FOUNDATION DESIGN DOES NOT APPLY TO VERY SOFT OR LOOSE SOIL, MUCK, WEATHERED ROCK, OR HARD ROCK.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PLAN PREPARED IN THE OFFICE OF: PROGRESSIVE DESIGN GROUP, INC. ENGINEERS • CONSULTANTS	APPROVED: <i>Tim Arney</i> DATE: 3/10/2020		TYPE "A" AND TYPE "B" GROUND MOUNTED SIGNS
	SEAL		

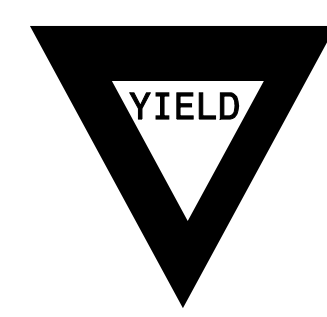
(401) QUANTITY REQ'D 2



R2-1
48" X 60"

TWO "U" POSTS PER SIGN

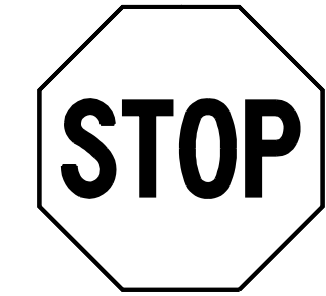
(405) QUANTITY REQ'D 14



R1-2
36" X 36" X 36"

ONE "U" POST PER SIGN

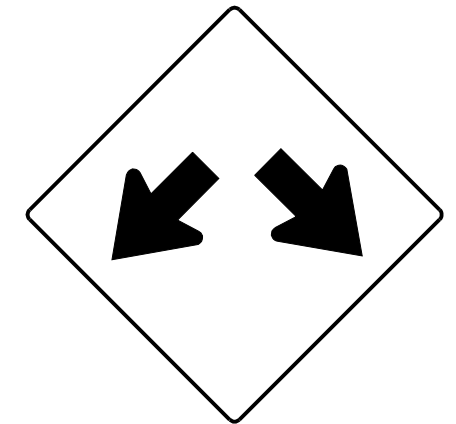
(409) QUANTITY REQ'D 3



R1-1
36" X 36"

ONE "U" POST PER SIGN

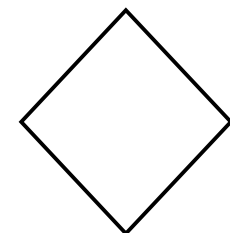
(412) QUANTITY REQ'D 1



W12-1
24" X 24"

ONE "U" POST PER SIGN

(415) QUANTITY REQ'D 3




OM1-3
18" X 18"

MOUNT BELOW SIGN NO. 408
IN 1 INSTALLATION PER SIGN

ONE "U" POST PER SIGN

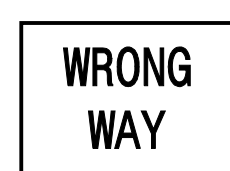
(402) QUANTITY REQ'D 2



R2-1
24" X 30"

ONE "U" POST PER SIGN

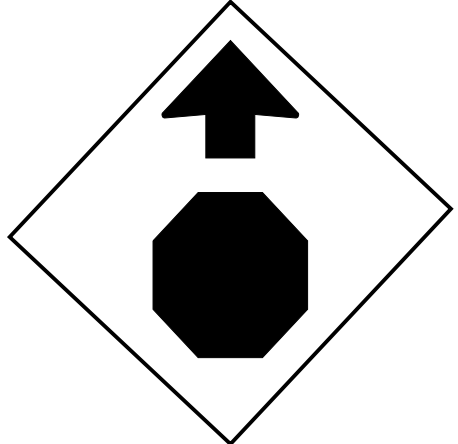
(406) QUANTITY REQ'D 4



R5-1a
36" X 24"

ONE "U" POST PER SIGN


(410) QUANTITY REQ'D 1



W3-1a
36" X 36"

ONE "U" POST PER SIGN


(413) QUANTITY REQ'D 1



W3-8a
24" X 30"

ONE "U" POST PER SIGN

(416) QUANTITY REQ'D 2



W3-5
48" X 48"

TWO "U" POSTS PER SIGN


(403) QUANTITY REQ'D 4



W2-6
36" X 36"

ONE "U" POST PER SIGN

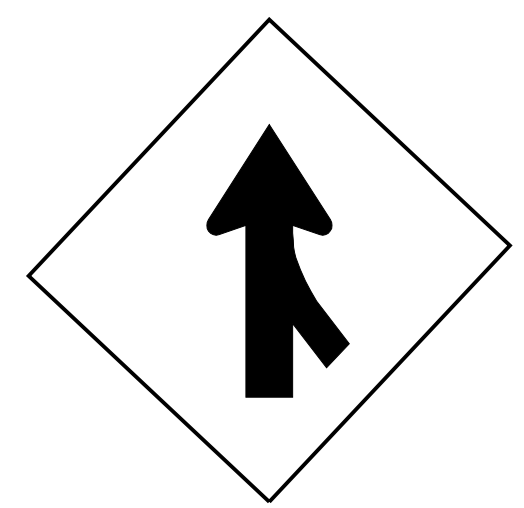
(407) QUANTITY REQ'D 4



R5-1
36" X 36"

ONE "U" POST PER SIGN


(411) QUANTITY REQ'D 2



W4-1 (R)
48" X 48"

TWO "U" POSTS PER SIGN

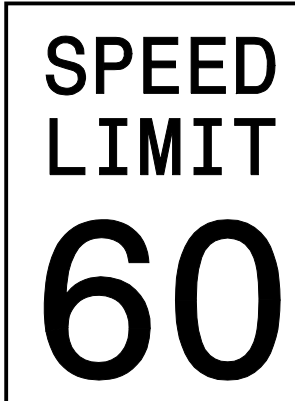
(414) QUANTITY REQ'D 6



R6-4
30" X 24"

ONE "U" POST PER SIGN

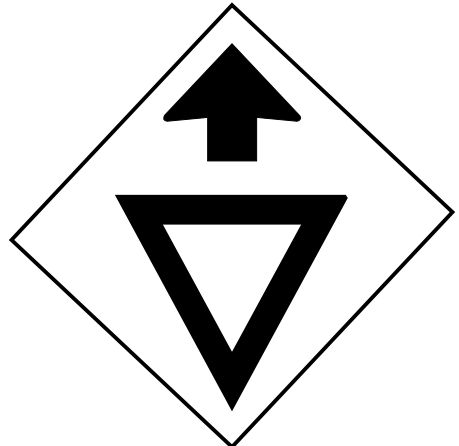
(417) QUANTITY REQ'D 2



R2-1
48" X 60"

TWO "U" POSTS PER SIGN

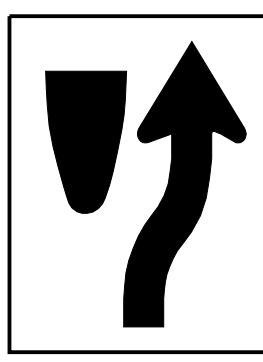
(404) QUANTITY REQ'D 4



W3-2a
36" X 36"

TWO "U" POSTS PER SIGN

(408) QUANTITY REQ'D 3



R4-7
24" X 30"


MOUNT ABOVE SIGN NO. 415
IN 1 INSTALLATION PER SIGN

ONE "U" POST PER SIGN

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

PLAN PREPARED IN THE OFFICE OF:

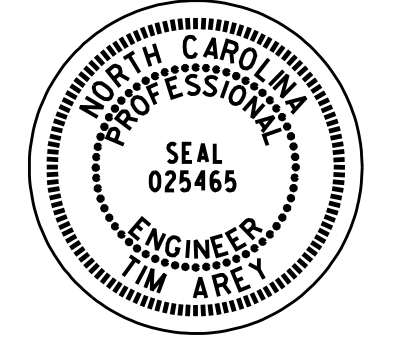
PROGRESSIVE
DESIGN GROUP, INC.



ENGINEERS • CONSULTANTS

APPROVED: *Jim Arroy* DATE: 3/10/2020

SEAL



SIGNING PLAN
TYPE "E" SIGNS

(501) QUANTITY REQ'D 1

MOUNT BELOW SIGN #305

ONE "U" POST PER SIGN ASSEMBLY

(505) QUANTITY REQ'D 1

MOUNT BELOW SIGN #305

ONE "U" POST PER SIGN ASSEMBLY

(509) QUANTITY REQ'D 1

MOUNT BELOW SIGN #309

ONE "U" POST PER SIGN ASSEMBLY

QUANTITY REQ'D: 1 EAST, 1 WEST

ONE "U" POST PER SIGN

(502) QUANTITY REQ'D 1

MOUNT BELOW SIGN #306

ONE "U" POST PER SIGN ASSEMBLY

(506) QUANTITY REQ'D 1

MOUNT BELOW SIGN #306

ONE "U" POST PER SIGN ASSEMBLY

(503) QUANTITY REQ'D 1

MOUNT BELOW SIGN #303

ONE "U" POST PER SIGN ASSEMBLY

(507) QUANTITY REQ'D 1

MOUNT BELOW SIGN #307

ONE "U" POST PER SIGN ASSEMBLY

(504) QUANTITY REQ'D 1

MOUNT BELOW SIGN #304

ONE "U" POST PER SIGN ASSEMBLY

(508) QUANTITY REQ'D 1

MOUNT BELOW SIGN #308

ONE "U" POST PER SIGN ASSEMBLY

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

PLAN PREPARED IN THE OFFICE OF:

PROGRESSIVE
DESIGN GROUP, INC.

ENGINEERS • CONSULTANTS

APPROVED: *Tim Are* DATE: 3/10/2020

SEAL

SIGNING PLAN
TYPE "F" SIGNS &
MILEMARKERS

SIGN NUMBER: 101A,102A,103A,104A,105A,106A BACKG COLOR: Green
 TYPE: B COPY COLOR: White
 QUANTITY: 6
 SIGN WIDTH: 11'-0"
 HEIGHT: 2'-6"
 TOTAL AREA: 27.5 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 12"
 NO. Z BARS: 2
 LENGTH: 124.0
 MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: CHECKED BY:
 PROJECT ID: R-5797 DIV: DATE: Jan 14, 2020

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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length										
E 2000	21.9	4.2	11.1	3.8	7.5	15	14.7	14.7	12.2	21.9	88.1

FILENAME: R-5797.sign designs NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 103B,106B BACKG COLOR: Green
 TYPE: A COPY COLOR: White
 QUANTITY: 2
 SIGN WIDTH: 13'-0"
 HEIGHT: 5'-6"
 TOTAL AREA: 71.5 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 9"
 NO. Z BARS: 2
 LENGTH: 148.0
 MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: PDG CHECKED BY:
 PROJECT ID: R-5797 DIV: DATE: Mar 05, 2020

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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length										
E 2000	15.6	16	14.4	17	18.4	17	22.6	17	18.6	15.6	124.8
E 2000	51.7	4.5	15	12	4.4	9.2	7.5	51.7			52.6

FILENAME: R-5797.sign designs NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 101B,104B BACKG COLOR: Green
 TYPE: A COPY COLOR: White
 QUANTITY: 2
 SIGN WIDTH: 13'-0"
 HEIGHT: 5'-6"
 TOTAL AREA: 71.5 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 9"
 NO. Z BARS: 2
 LENGTH: 148.0
 MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: PDG CHECKED BY:
 PROJECT ID: R-5797 DIV: DATE: Mar 05, 2020

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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length										
E 2000	15.6	16	14.4	17	18.4	17	22.6	17	18.6	15.6	124.8
E 2000	41.1	12.2	15	12	4.4	9.2	8.9	8.1	41.1		69.8

FILENAME: R-5797.sign designs NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 103B,106B BACKG COLOR: Green
 TYPE: A COPY COLOR: White
 QUANTITY: 2
 SIGN WIDTH: 13'-0"
 HEIGHT: 6'-6"
 TOTAL AREA: 84.5 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 9"
 NO. Z BARS: 2
 LENGTH: 148.0
 MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: PDG CHECKED BY:
 PROJECT ID: R-5797 DIV: DATE: Mar 05, 2020

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 and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length										
E 2000	15.6	16	14.4	17	18.4	17	22.6	17	18.6	15.6	124.8

FILENAME: R-5797.sign designs NORTH CAROLINA D.O.T. SIGN DETAIL

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

PLAN PREPARED IN THE OFFICE OF:

PROGRESSIVE
 DESIGN GROUP, INC.

ENGINEERS • CONSULTANTS

APPROVED: *Tim Are* DATE: 3/10/2020

SEAL

SIGNING PLAN
 TYPE A & B SIGN DESIGNS

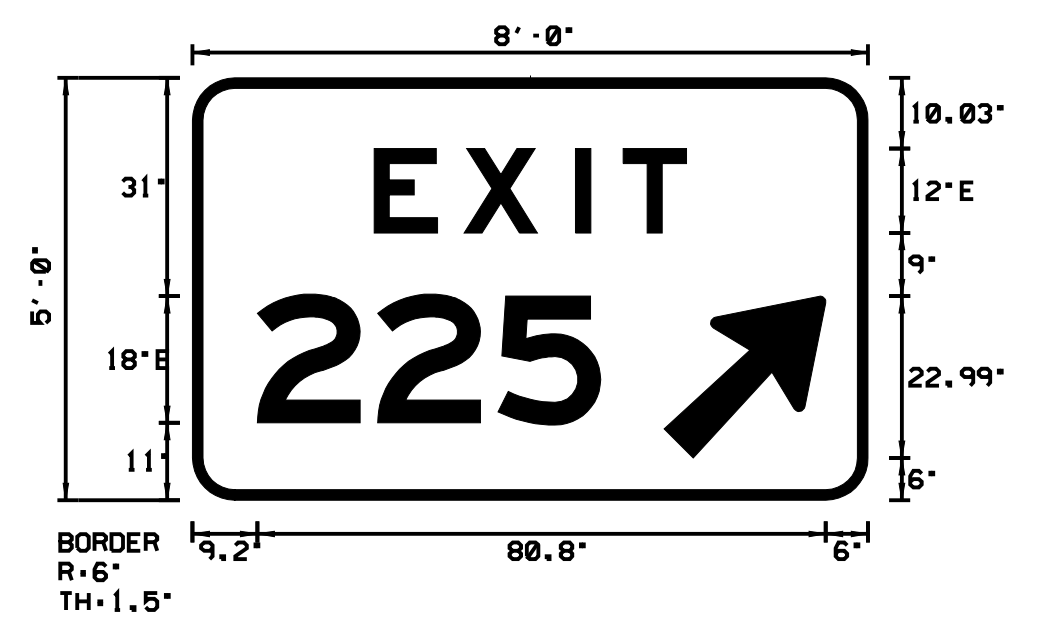
SIGN NUMBER: 201,202
 TYPE: A
 QUANTITY: 2
 SIGN WIDTH: 8'-0"
 HEIGHT: 5'-0"
 TOTAL AREA: 40.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 1.5"
 RADII: 6"
 NO. Z BARS: 2
 LENGTH: 88.0

BACKG COLOR: Green
 COPY COLOR: White

SYMBOL	X	Y	WID	HT
ALPHA A	67	6	18.3	24.3

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: PDG
 PROJECT ID: R-5797
 CHECKED BY:
 DIV: -
 DATE: Jan 14, 2020



Spacing Factor is 1 unless specified otherwise

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

LETTER POSITIONS

Letter spacings are to start of next letter

Letter	E	I	L	T	S	Series/Size	Text Length
E	25.8	12.8	15.8	6.8	4	E 2000	44.4
I	2	2	5			E 2000	48.8
L	4.2	11.1	11.1	14.6	38		
T							
S							

FILENAME: R-5797.sign designs
 NORTH CAROLINA D.O.T. SIGN DETAIL

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

PLAN PREPARED IN THE OFFICE OF:

PROGRESSIVE
 DESIGN GROUP, INC.

ENGINEERS • CONSULTANTS

APPROVED: *Tim Are* DATE: 3/10/2020

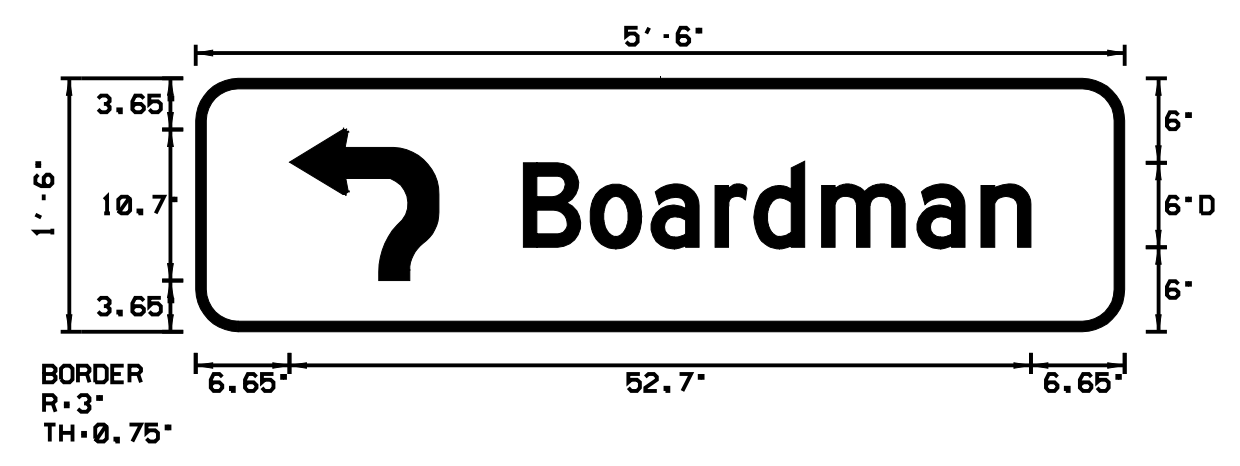
SEAL

SIGNING PLAN
 TYPE A & B SIGN DESIGNS

SIGN NUMBER: 301
 TYPE: D
 QUANTITY: 1
 SIGN WIDTH: 5'-6"
 HEIGHT: 1'-6"
 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		
SYMBOL	X	Y	WID	HT
ALTRFD	6.7	3.6	18.5	18.7

DESIGN BY: PDG
 PROJECT ID: R-5797
 CHECKED BY:
 DIV: -
 DATE: Jan 14, 2020



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 and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter

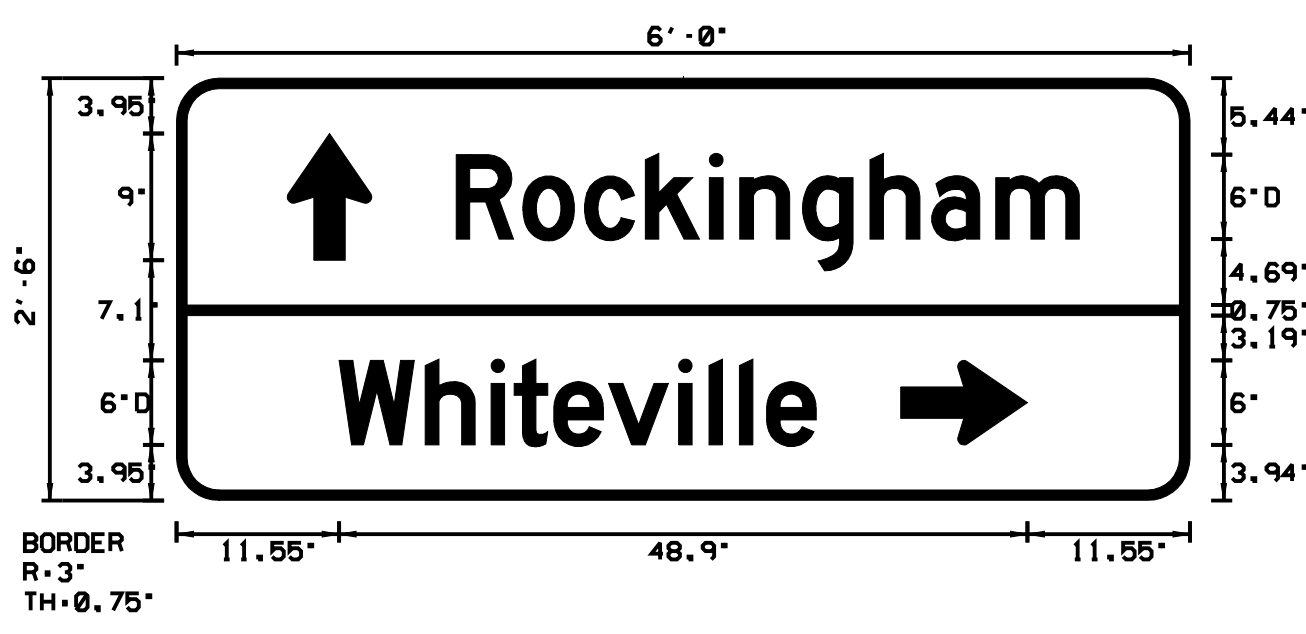
Series/Size	Text Length
0.2000	36.1

FILENAME: R-5797.sign designs
 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 303
 TYPE: D
 QUANTITY: 1
 SIGN WIDTH: 6'-0"
 HEIGHT: 2'-6"
 TOTAL AREA: 15.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 0.75"
 RADII: 3"
 NO. Z BARS: LENGTH:

BACKG COLOR: Green		COPY COLOR: White		
SYMBOL	X	Y	WID	HT
ALTRFD	7.4	11.1	6	9
ALTRFD	51.5	3.9	6	9

DESIGN BY: PDG
 PROJECT ID: R-5797
 CHECKED BY:
 DIV: -
 DATE: Jan 14, 2020



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 and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter

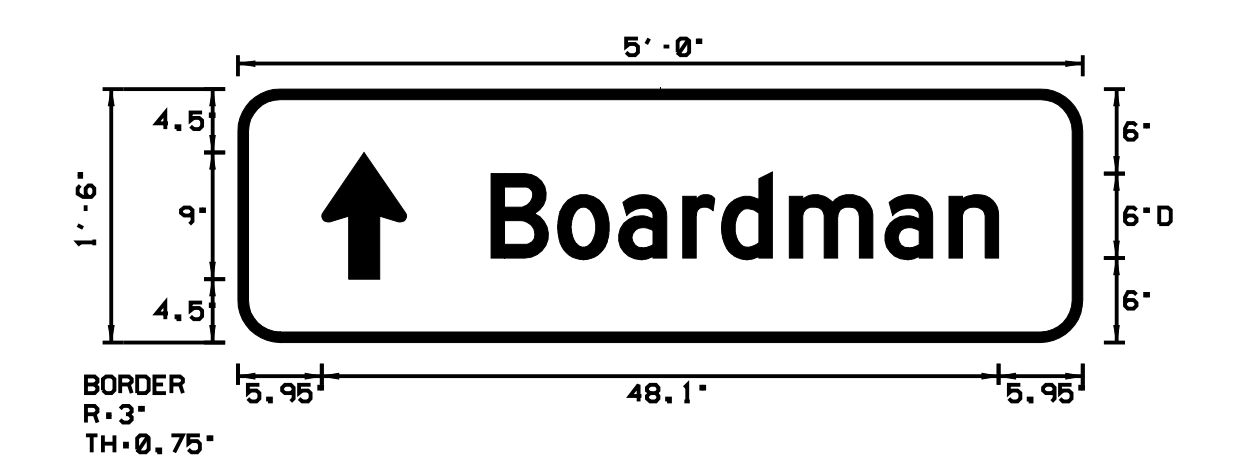
Series/Size	Text Length
0.2000	41.3
0.2000	33.9

FILENAME: R-5797.sign designs
 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 302
 TYPE: D
 QUANTITY: 1
 SIGN WIDTH: 5'-0"
 HEIGHT: 1'-6"
 TOTAL AREA: 7.5 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 0.75"
 RADII: 3"
 NO. Z BARS: LENGTH:

BACKG COLOR: Green		COPY COLOR: White		
SYMBOL	X	Y	WID	HT
ALTRFD	6	4.5	6	9

DESIGN BY: PDG
 PROJECT ID: R-5797
 CHECKED BY:
 DIV: -
 DATE: Jan 16, 2020



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 and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter

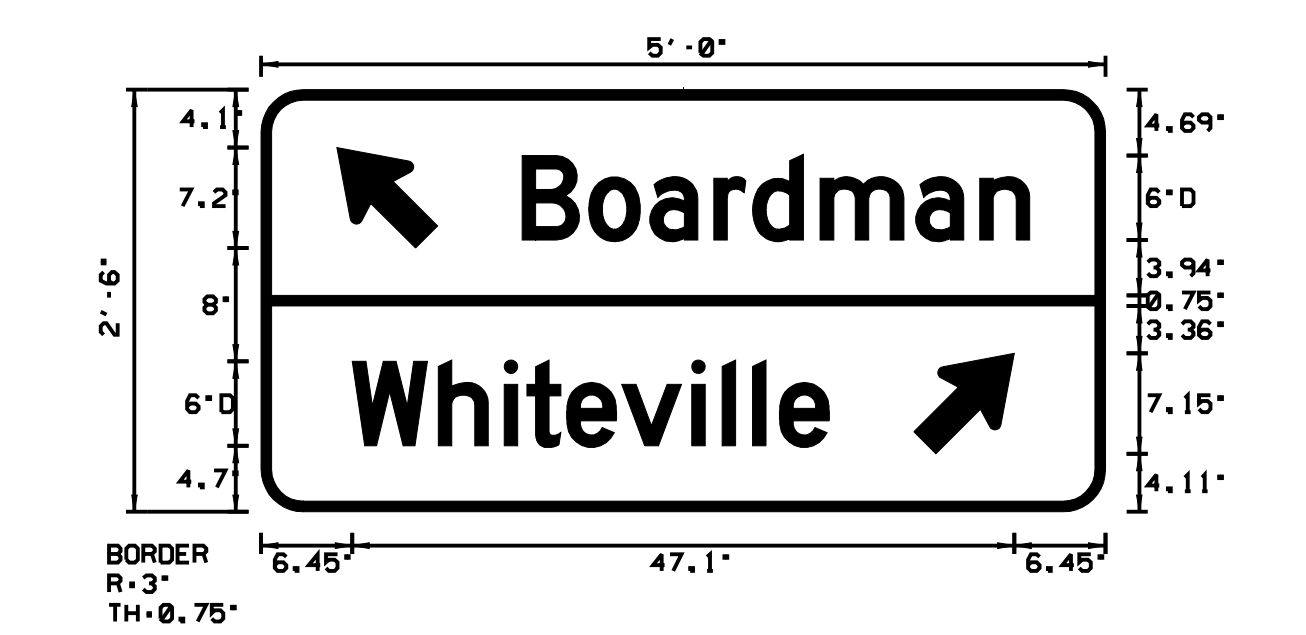
Series/Size	Text Length
0.2000	36.1

FILENAME: R-5797.sign designs
 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 304
 TYPE: D
 QUANTITY: 1
 SIGN WIDTH: 5'-0"
 HEIGHT: 2'-6"
 TOTAL AREA: 12.5 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 0.75"
 RADII: 3"
 NO. Z BARS: LENGTH:

BACKG COLOR: Green		COPY COLOR: White		
SYMBOL	X	Y	WID	HT
ALTRFD	5.4	18.7	6	9
ALTRFD	46.4	4.1	6	9

DESIGN BY: PDG
 PROJECT ID: R-5797
 CHECKED BY:
 DIV: -
 DATE: Jan 14, 2020



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 and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
0.2000	36.1
0.2000	33.9

FILENAME: R-5797.sign designs
 NORTH CAROLINA D.O.T. SIGN DETAIL

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 UNLESS ALL SIGNATURES COMPLETED

PLAN PREPARED IN THE OFFICE OF:

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 DESIGN GROUP, INC.

ENGINEERS • CONSULTANTS

APPROVED: *Jim Arty* DATE: 3/10/2020

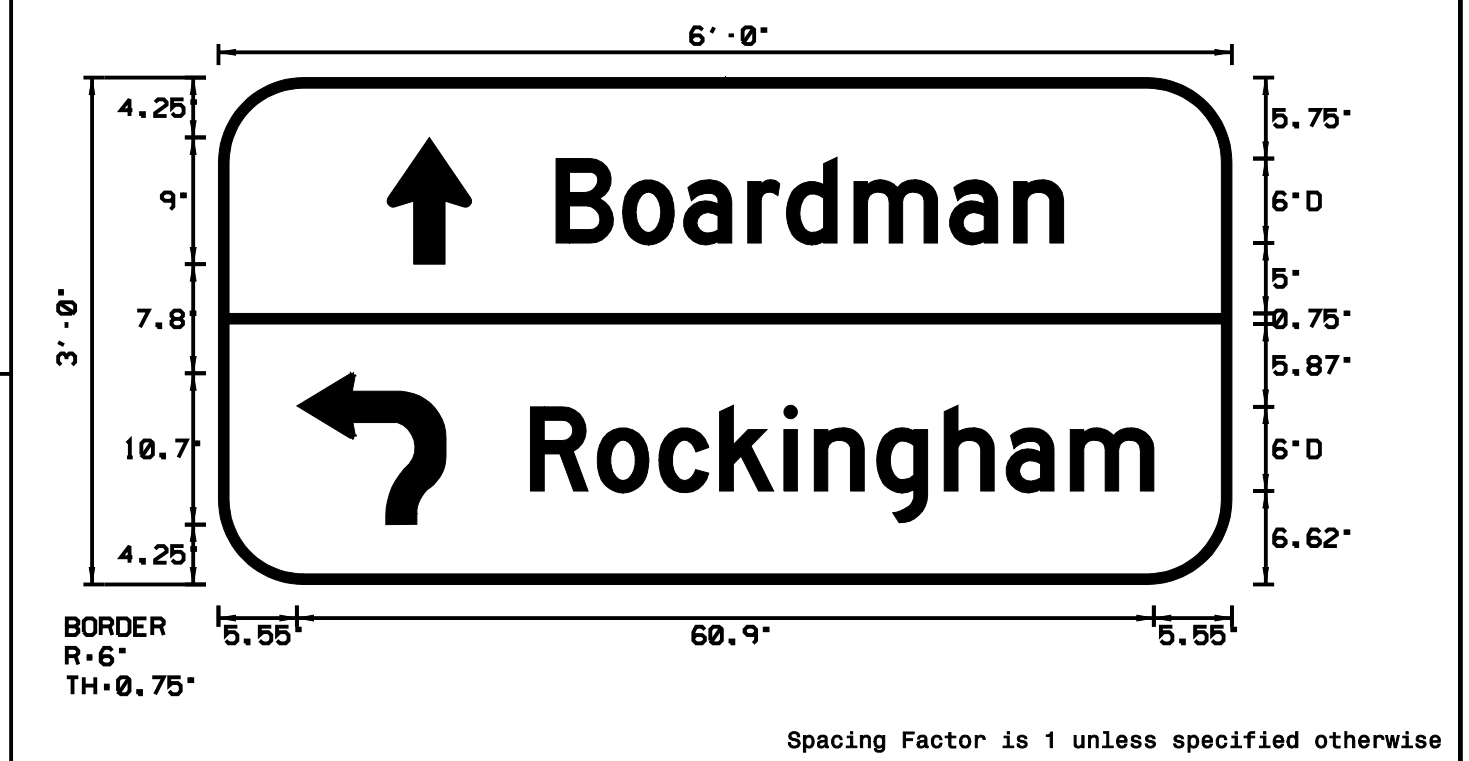
SEAL

SIGNING PLAN
 TYPE D SIGN DESIGNS

SIGN NUMBER: 305
 TYPE: D
 QUANTITY: 1
 SIGN WIDTH: 6'-0"
 HEIGHT: 3'-0"
 TOTAL AREA: 18.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 0.75"
 RADII: 6"
 NO. Z BARS:
 LENGTH:

BACKG COLOR: Green		COPY COLOR: White		
SYMBOL	X	Y	WID	HT
ALTYPE 0	12	2.7	6	9
ALTYPE 0	5.6	4.3	18.6	18.7

DESIGN BY: PDG
 PROJECT ID: R-5797
 CHECKED BY:
 DIV: -
 DATE: Jan 14, 2020



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 and demountable.

LETTER POSITIONS

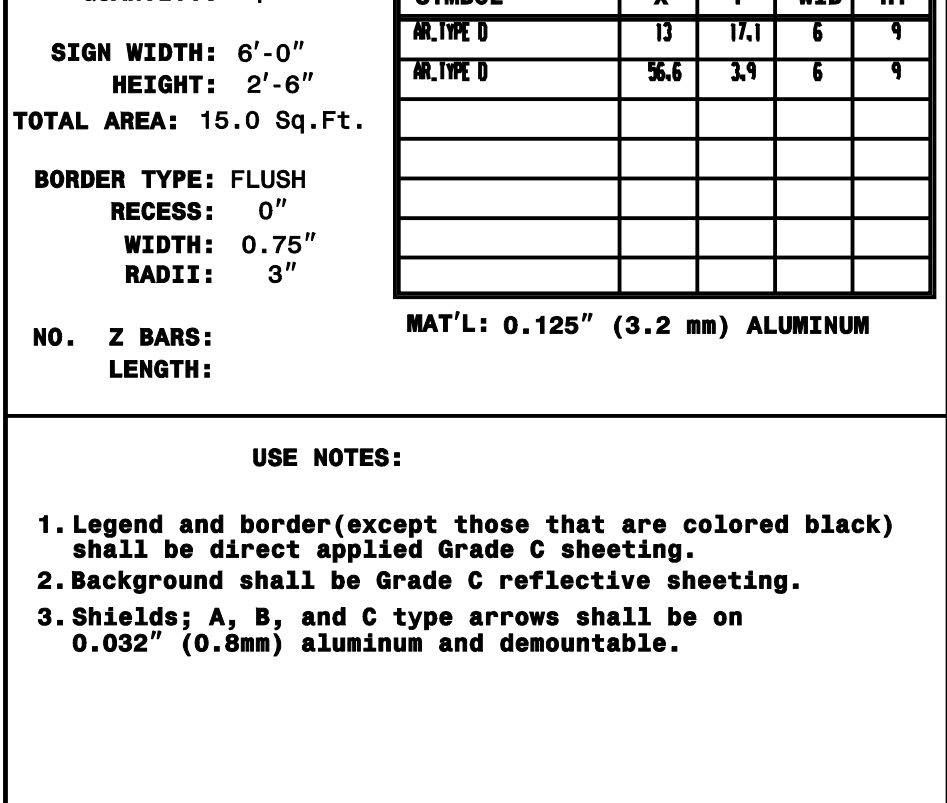
Letter spacings are to start of next letter

Series/Size	Text Length
0.200	36.1
0.200	31.9
0.200	44.3

FILENAME: R-5797.sign designs
 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 307
 TYPE: D
 QUANTITY: 1
 SIGN WIDTH: 6'-0"
 HEIGHT: 2'-6"
 TOTAL AREA: 15.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 0.75"
 RADII: 3"
 NO. Z BARS:
 LENGTH:

BACKG COLOR: Green		COPY COLOR: White		
SYMBOL	X	Y	WID	HT
ALTYPE 0	13	11.1	6	9
ALTYPE 0	5.6	3.9	6	9



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 and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter

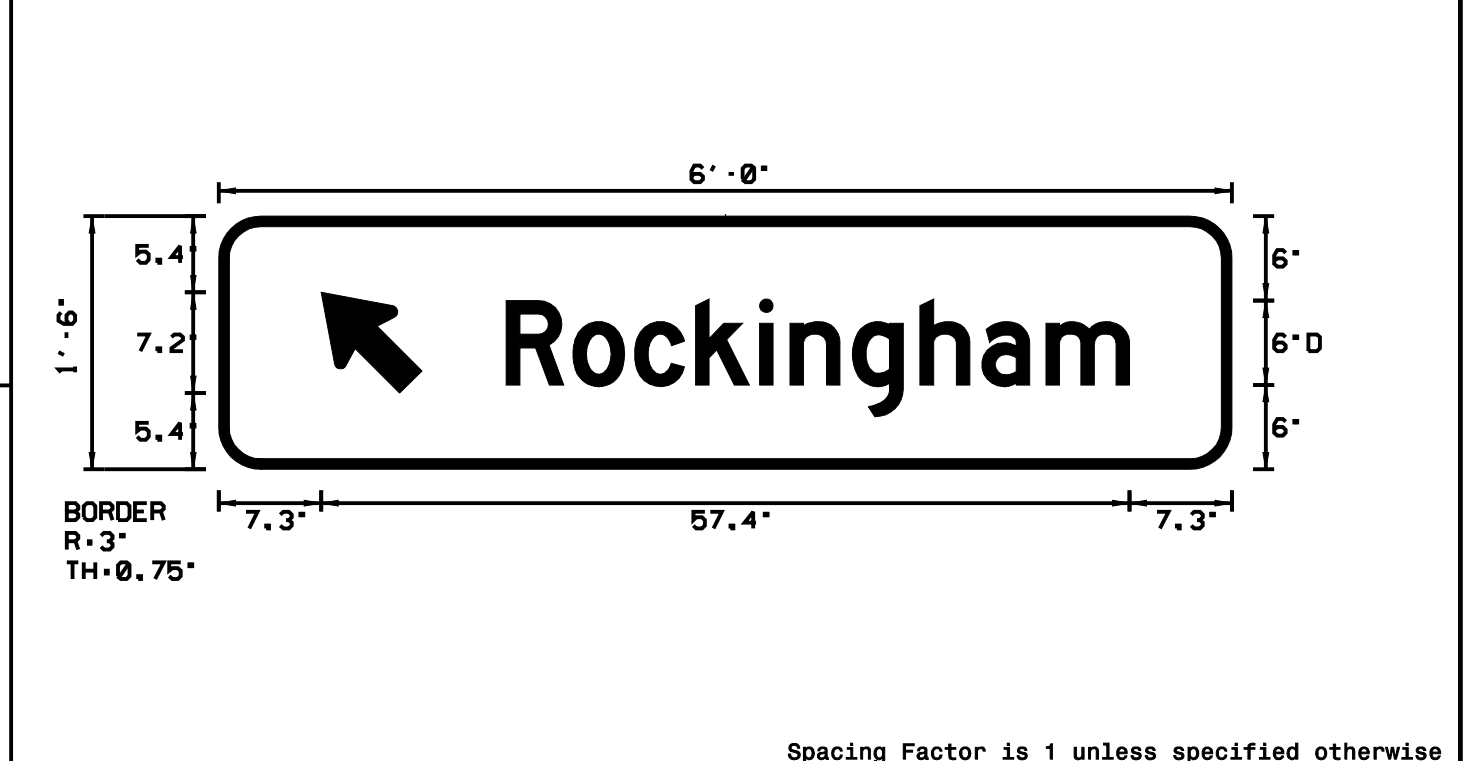
Series/Size	Text Length
0.200	31.9
0.200	44.3

FILENAME: R-5797.sign designs
 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 306
 TYPE: D
 QUANTITY: 1
 SIGN WIDTH: 6'-0"
 HEIGHT: 1'-6"
 TOTAL AREA: 9.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 0.75"
 RADII: 3"
 NO. Z BARS:
 LENGTH:

BACKG COLOR: Green		COPY COLOR: White		
SYMBOL	X	Y	WID	HT
ALTYPE 0	7.3	5.4	6	9

DESIGN BY: PDG
 PROJECT ID: R-5797
 CHECKED BY:
 DIV: -
 DATE: Jan 14, 2020



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 and demountable.

LETTER POSITIONS

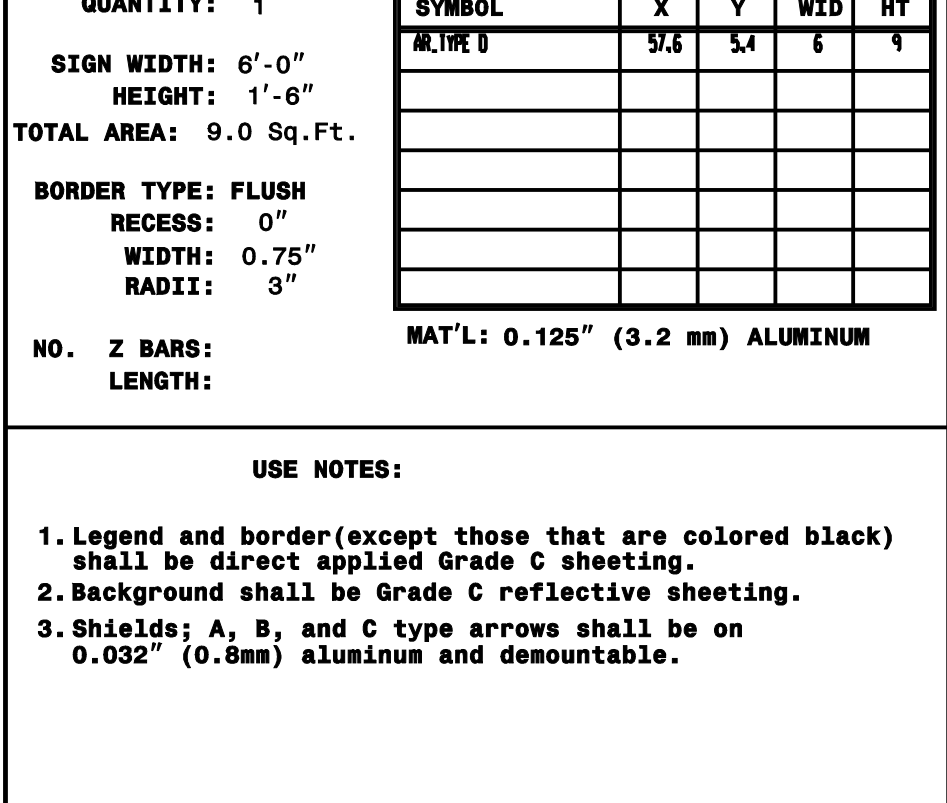
Letter spacings are to start of next letter

Series/Size	Text Length
0.200	44.3

FILENAME: R-5797.sign designs
 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 308
 TYPE: D
 QUANTITY: 1
 SIGN WIDTH: 6'-0"
 HEIGHT: 1'-6"
 TOTAL AREA: 9.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 0.75"
 RADII: 3"
 NO. Z BARS:
 LENGTH:

BACKG COLOR: Green		COPY COLOR: White		
SYMBOL	X	Y	WID	HT
ALTYPE 0	5.6	5.4	6	9



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 and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
0.200	44.3

FILENAME: R-5797.sign designs
 NORTH CAROLINA D.O.T. SIGN DETAIL

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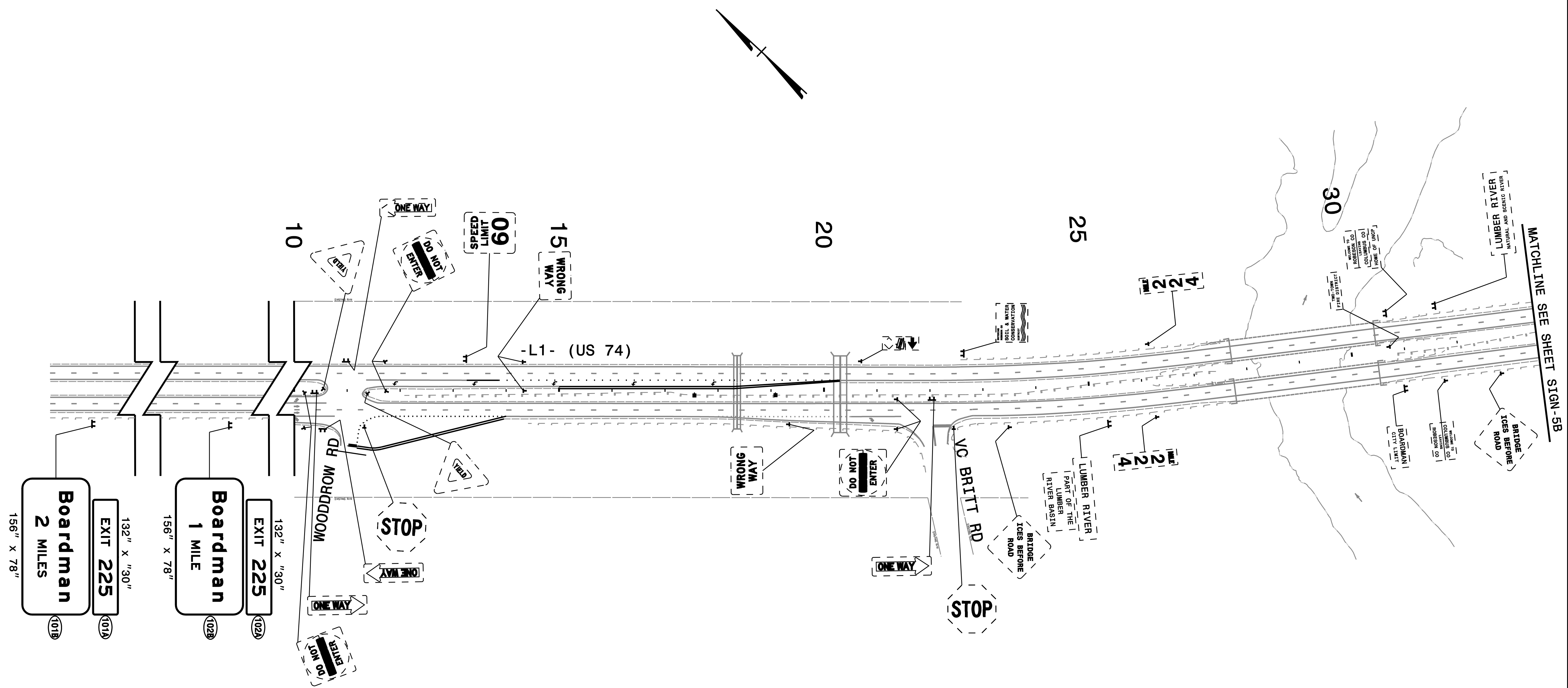
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 DESIGN GROUP, INC.

ENGINEERS • CONSULTANTS

APPROVED: *Tim Are* DATE: 3/10/2020

SEAL

SIGNING PLAN
 TYPE D SIGN DESIGNS



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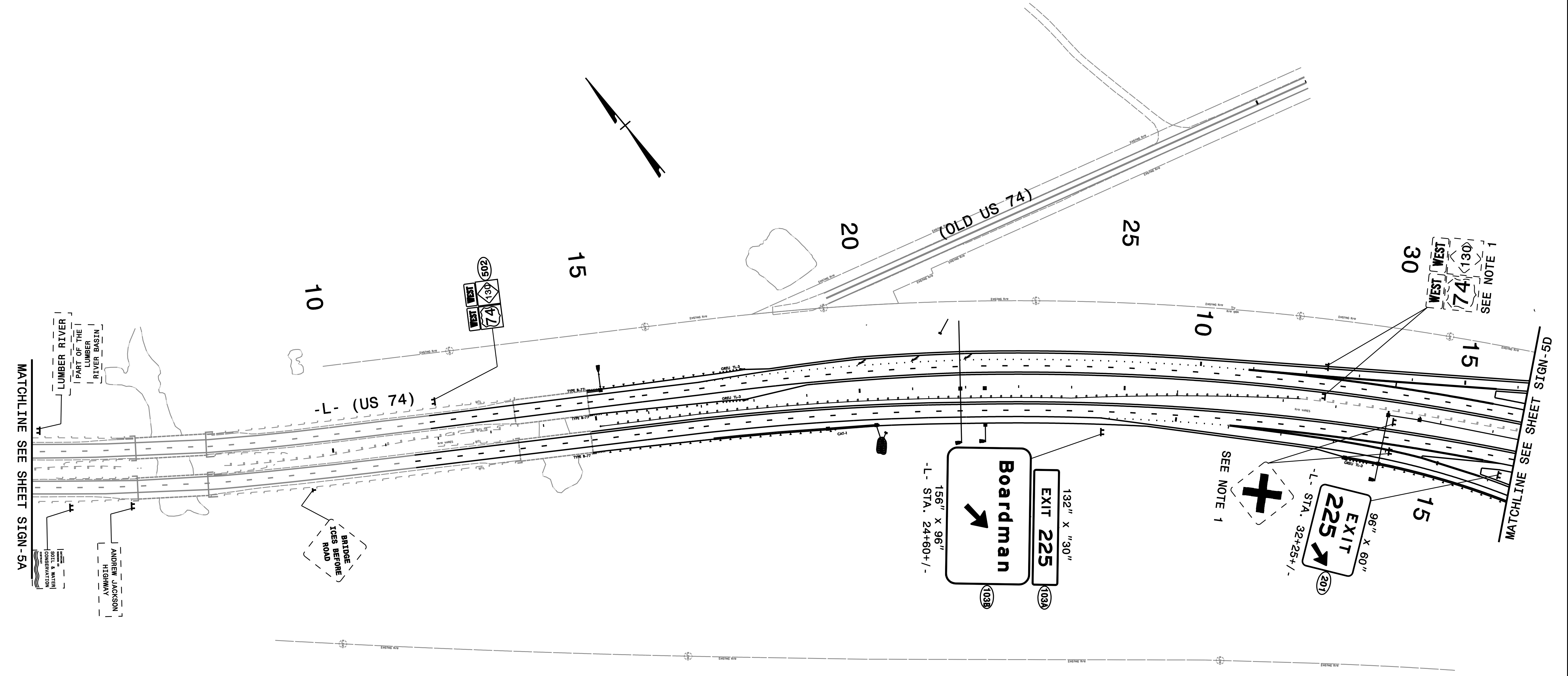
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APPROVED: *Tim Are* DATE: 3/10/2020

SEAL

SIGNING PLAN
EXISTING &
PROPOSED SIGNING

MATCHLINE SEE SHEET SIGN-5B



MATCHLINE SEE SHEET SIGN-5A

MATCHLINE SEE SHEET SIGN-5D

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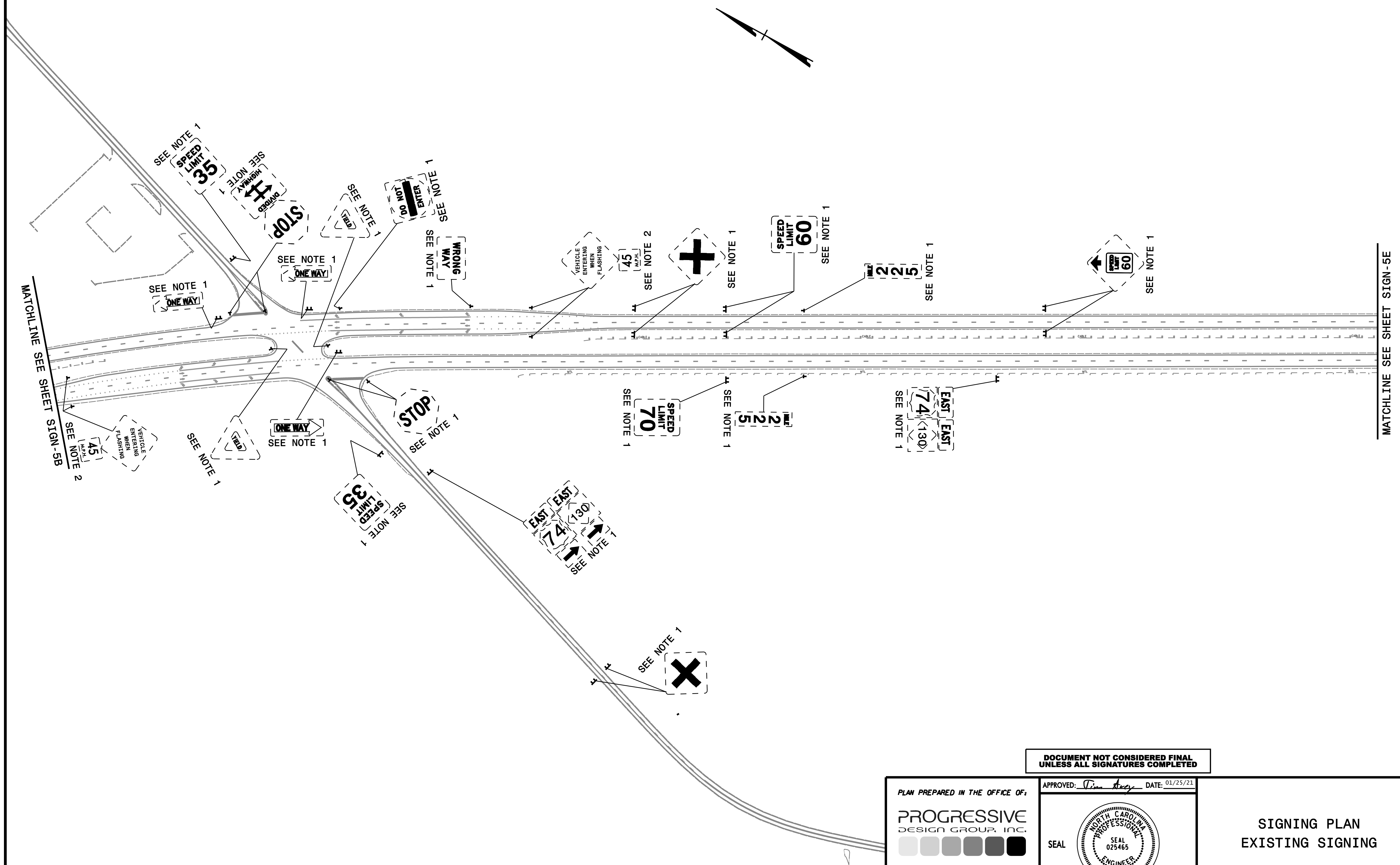
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SEAL

SIGNING PLAN
EXISTING &
PROPOSED SIGNING



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PLAN PREPARED IN THE OFFICE OF:

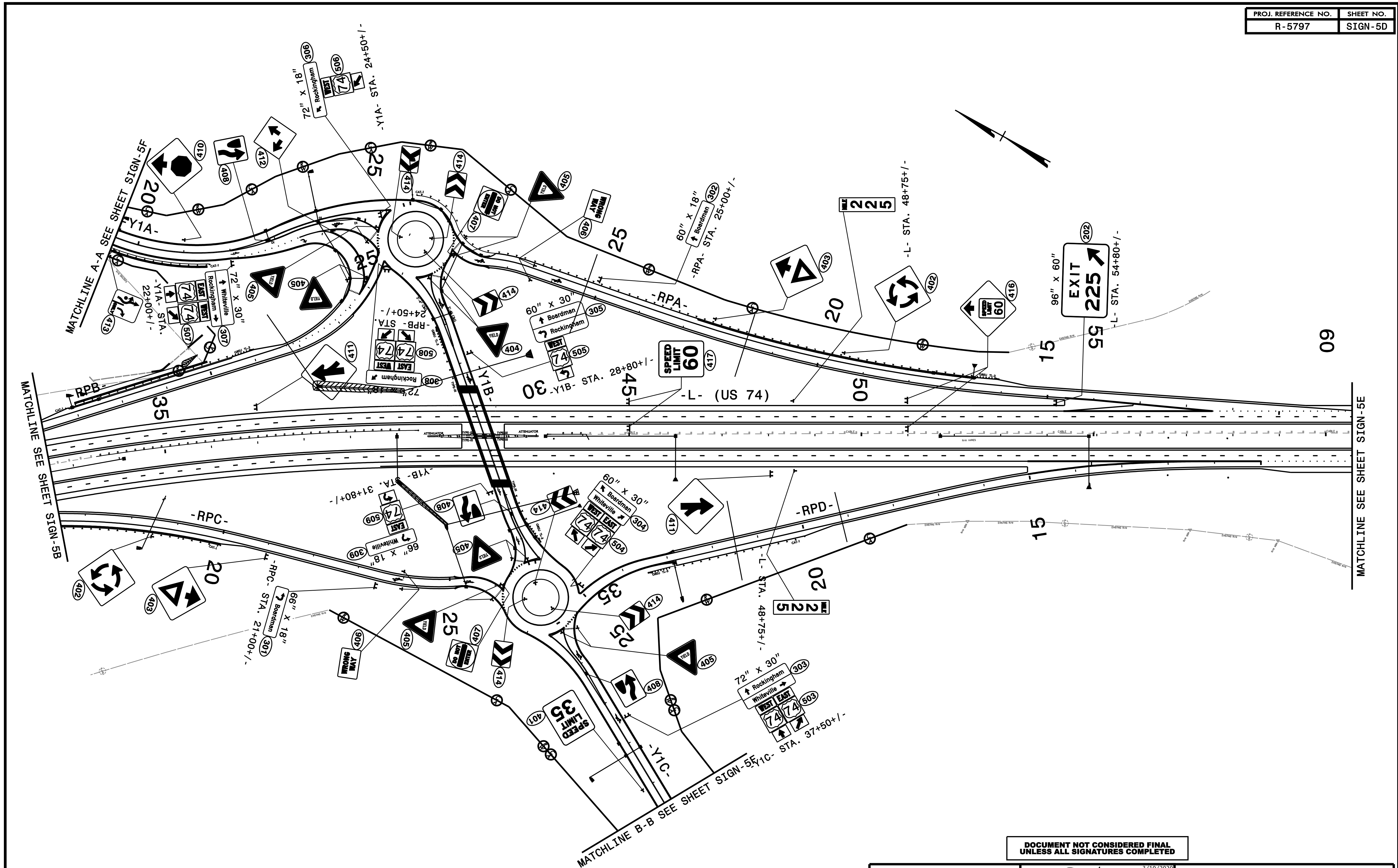
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SEAL

SIGNING PLAN
EXISTING SIGNING



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PLAN PREPARED IN THE OFFICE OF:

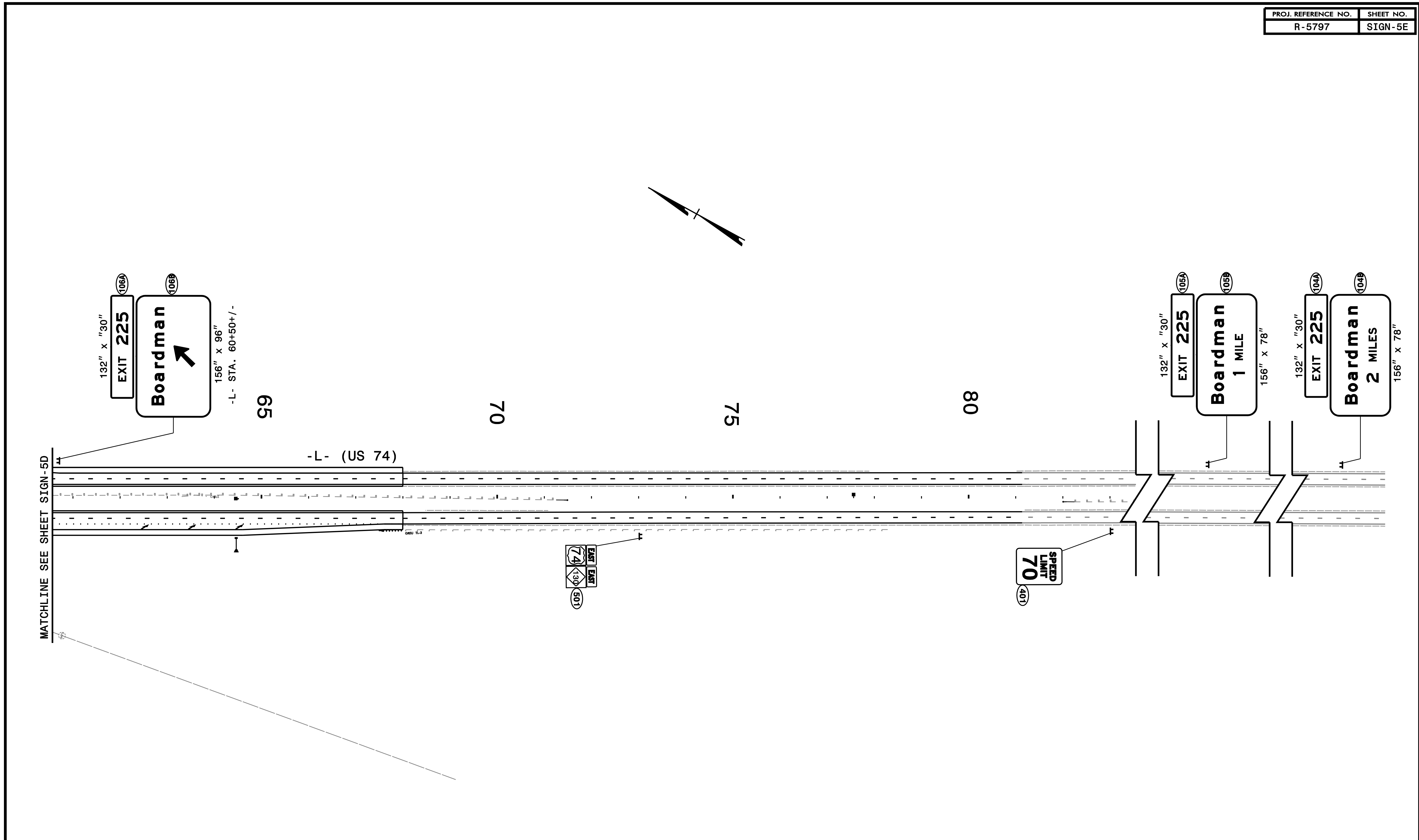
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APPROVED: *Tim Are* DATE: 3/10/2020

SEAL

SIGNING PLAN
PROPOSED SIGNING



MATCHLINE SEE SHEET SIGN-5D

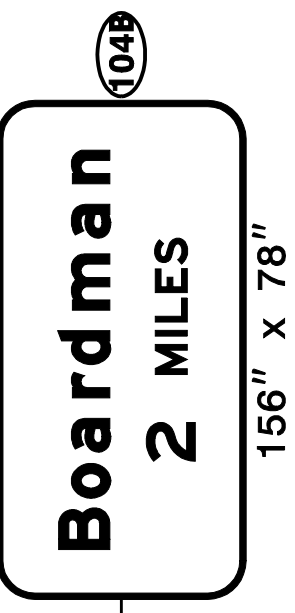
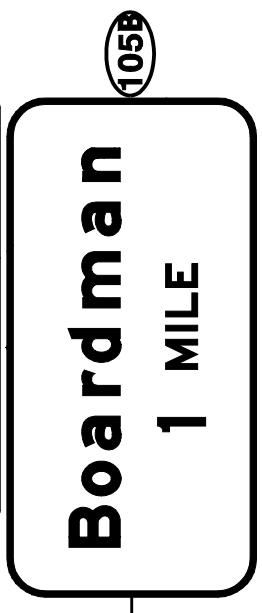
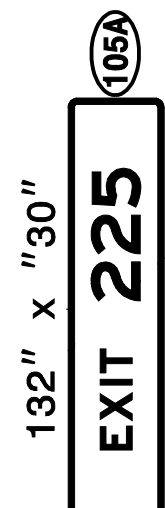
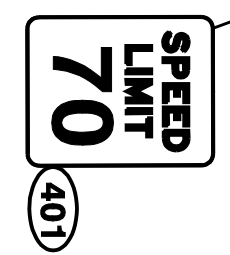
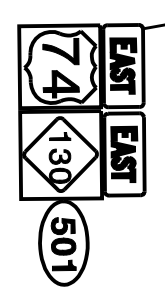
-L- (US 74)

65

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80



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PLAN PREPARED IN THE OFFICE OF:

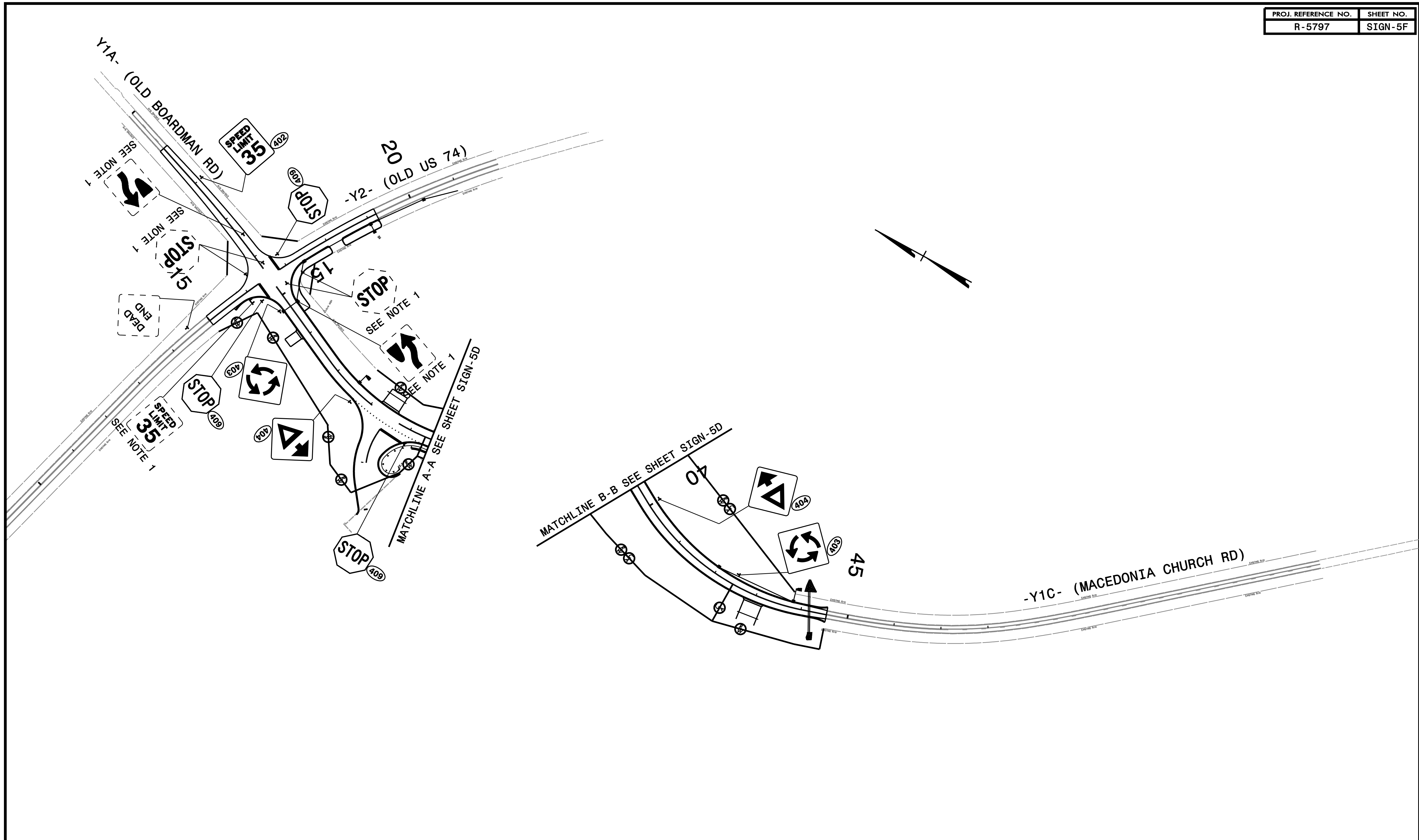
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APPROVED: *Tim Arey* DATE: 3/10/2020

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**SIGNING PLAN
EXISTING &
PROPOSED SIGNING**