

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
BEAUFORT & HYDE COUNTY

LOCATION: BRIDGE NO. 66 ON US 264 OVER PUNGO RIVER

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
901.70	SIGN STRINGERS AND SUPPORT SPACING
901.80	SIGN MOUNTING DETAILS - FOR TYPE A AND TYPE B SIGNS
903.20	WOOD SIGN SUPPORTS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.30	SUPPLEMENTAL SIGN MOUNTING

GENERAL NOTES

- SIGNS FURNISHED BY STATE
- 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.

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	233	L.F.
4082000000	903	SUPPORTS, WOOD	88	L.F.
4096000000	904	SIGN ERECTION, TYPE D	4	EA.
4102000000	904	SIGN ERECTION, TYPE E	6	EA.
4110000000	904	SIGN ERECTION, TYPE B (GROUND MOUNTED)	4	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE D (GROUND MOUNTED)	1	EA.
4158000000	907	DISPOSAL OF SIGN SYSTEM, WOOD	14	EA.

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2	SUPPORT CHART
SIGN-3	E SHEET
SIGN-4 AND 4A	SIGN DESIGNS
SIGN-5 AND 6	SIGNING PLAN SHEETS

PLAN SUBMITTED TO: N.C.D.O.T. SIGNING AND DELINEATION UNIT

MITCH EATON, P.E. SIGNING & DELINEATION REGIONAL ENGINEER
MATTHEW TRACY, P.E. SIGNING & DELINEATION PROJECT DESIGN ENGINEER

PLAN PREPARED BY: HDR ENGINEERING, INC OF THE CAROLINAS

MIKE RZEPKA, P.E. SIGNING & DELINEATION PROJECT DESIGN ENGINEER
CHRIS HARNDEN SIGNING & DELINEATION PROJECT DESIGNER

HDR HDR Engineering, Inc. of the Carolinas
555 Fayetteville St, Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

BR-0004

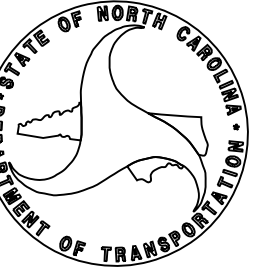
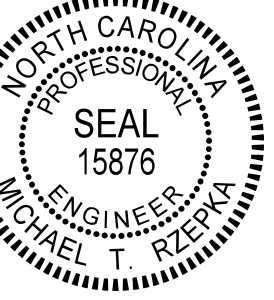
SIGN 1

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

APPROVED: *Michael T. Rzepka*

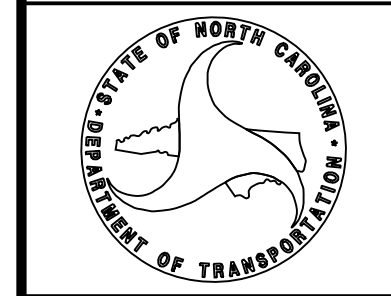
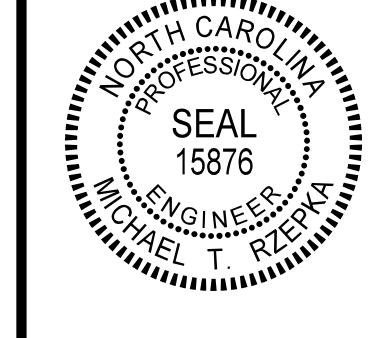
DATE: 3/6/2026

SEAL:



T.I.P.: BR-0004

CONTRACT: C205106



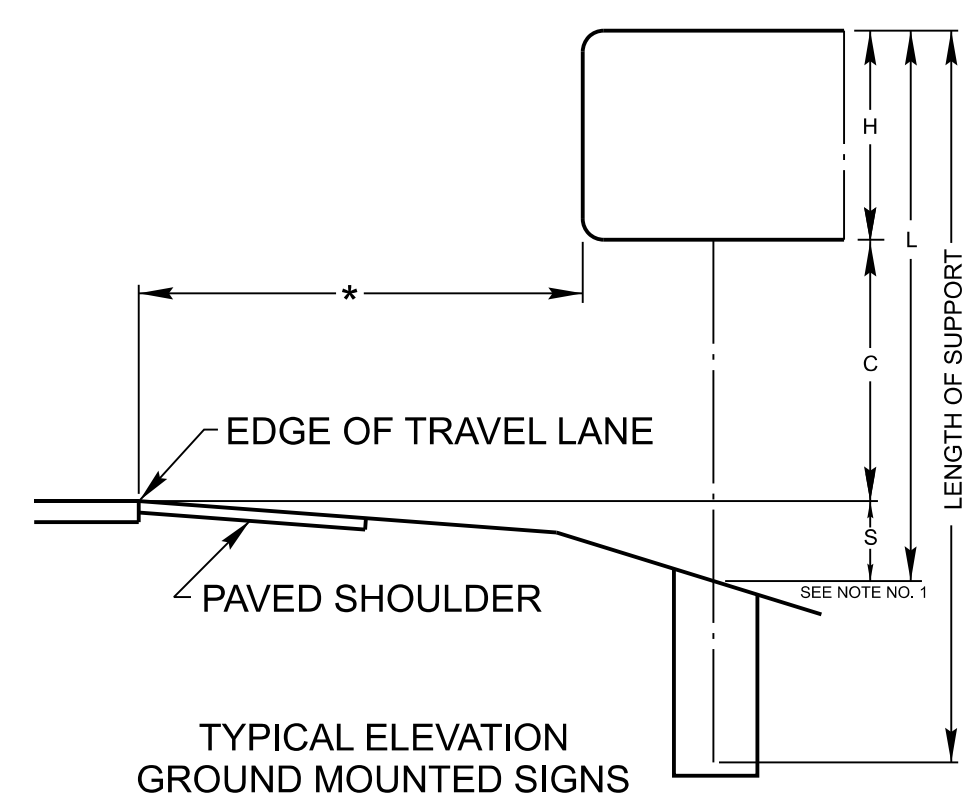
SIGN		SIZE (in.)			ROADWAY STATION	NUMBER OF SUPPORTS	BEAM SECTION	SUPPORT TYPE BA or S	ATTACHMENT METHOD	MOUNTING METHOD	HORIZONTAL CLEARANCE* (ft.)	SUPPORT SPACING	LENGTH (ft)			LEFT SUPPORT (ft)			CENTER SUPPORT (ft)			RIGHT SUPPORT (ft)			WOOD SUPPORT (LF)	FIELD VERIFIED SEE NOTE 2 (mm/dd/yy)
NUMBER	TYPE	w	x	h									SNS HT H	MTG HT C	EMBED-MENT	S	L	LENGTH	S	L	LENGTH	S	L	LENGTH		
101A 101B	B B	84 84	x x	48 24	19+50	2	6in x 6in	BA	N/A N/A	N/A II	18.00	4.10	6.00	7.00	5.25	2.73	15.73	20.98	0.00	0.00	0.00	4.27	17.27	22.52	43.49	_____
102A 102B	B B	84 84	x x	48 24	27+00	2	6in x 8in	BA	N/A N/A	N/A II	12.00	4.10	6.00	7.00	6.00	1.75	14.75	20.75	0.00	0.00	0.00	4.48	17.48	23.48	44.23	_____

TOTAL
87.73

USE: 88.00

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.



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

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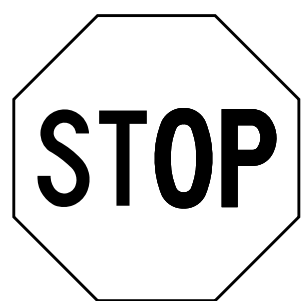
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TIME: 11:03:03 AM

DATE: 12/3/2025

USER: CHARNDEN

401 QUANTITY REQ'D _2_



30" X 30"
R1-1

ONE "U" POST PER SIGN

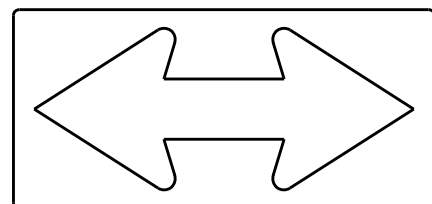
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30" X 30"
W14-1

ONE "U" POST PER SIGN

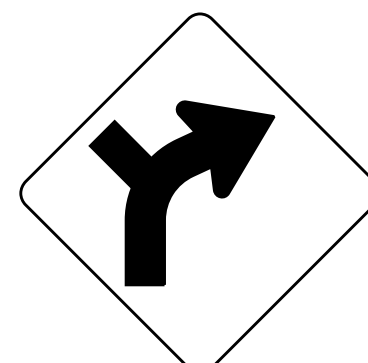
403 QUANTITY REQ'D _1_



48" X 24"
W1-7

ONE "U" POST PER SIGN

404 QUANTITY REQ'D _1_



30" X 30"
W1-10R

ONE "U" POST PER SIGN

405 QUANTITY REQ'D _1_



24" X 24"
EM-1

ONE "U" POST PER SIGN

HDR HDR Engineering, Inc. of the Carolinas
555 Fayetteville St, Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

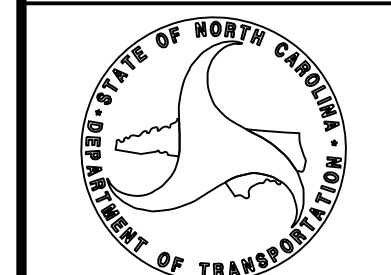
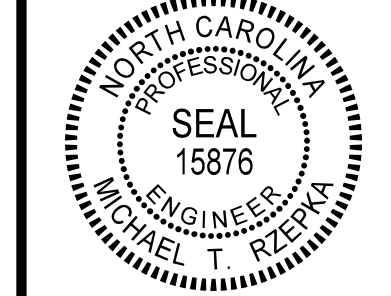
BR-0004
SIGN 3

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

APPROVED: *Michael T. Rzepka*

DATE: 1/8/2026

SEAL:



TYPE "E" AND TYPE "F" SIGNS

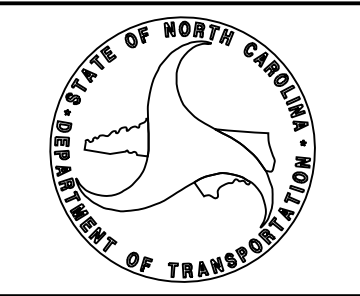
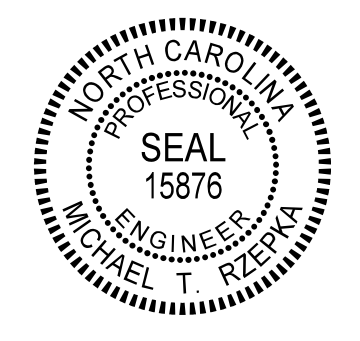
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DATE: 12/3/2025

USER: CHARNDEN



SIGN NUMBER: 101A, 102A BACKG COLOR: Green
TYPE: B COPY COLOR: White

DESIGN BY: R. DRAYTON CHECKED BY: M. RZEPKA Jul 22, 2024
PROJECT ID: BR-0004 DIV: 1 & 2

QUANTITY: 2

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 7'-0"
HEIGHT: 4'-0"
TOTAL AREA: 28.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 6"

NO. Z BARS: 2 MAT'L: 0.125" (3.2 mm) ALUMINUM
LENGTH: 76.0

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.
- Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum with Grade C reflective sheeting and demountable.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Arrow shall be on 0.032" aluminum, black non-reflective sheeting an demountable. Yellow panel is:

BORDER R=6" TH=0.75"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size
													Text Length
	P	A	R	T	O	F	T	H	E				C 2000
18.4	4.1	4.7	3.9	3.1	6	4.7	3.1	6	3.9	4.7	3.1	18.4	47.2
	T	a	r	-	P	a	m	l	i	c	o		C 2000
17.4	4.6	5.2	3	3.9	5.5	5.2	8.1	2.6	2.3	4.7	4.1	17.4	49.3
	R	i	v	e	r	B	a	s	i	n			C 2000
17.1	5.7	2	5.4	5.1	2.6	8	5.3	4.8	4.3	2.6	4.1	17.1	49.8

FILENAME: BR-0004_SignDesigns NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 101B, 102B BACKG COLOR: Green
TYPE: B COPY COLOR: White

DESIGN BY: R. DRAYTON CHECKED BY: M. RZEPKA Jul 22, 2024
PROJECT ID: BR-0004 DIV: 1 & 2

QUANTITY: 2

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 7'-0"
HEIGHT: 2'-0"
TOTAL AREA: 14.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 3"

NO. Z BARS: 2 MAT'L: 0.125" (3.2 mm) ALUMINUM
LENGTH: 76.0

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.

BORDER R=3" TH=1"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

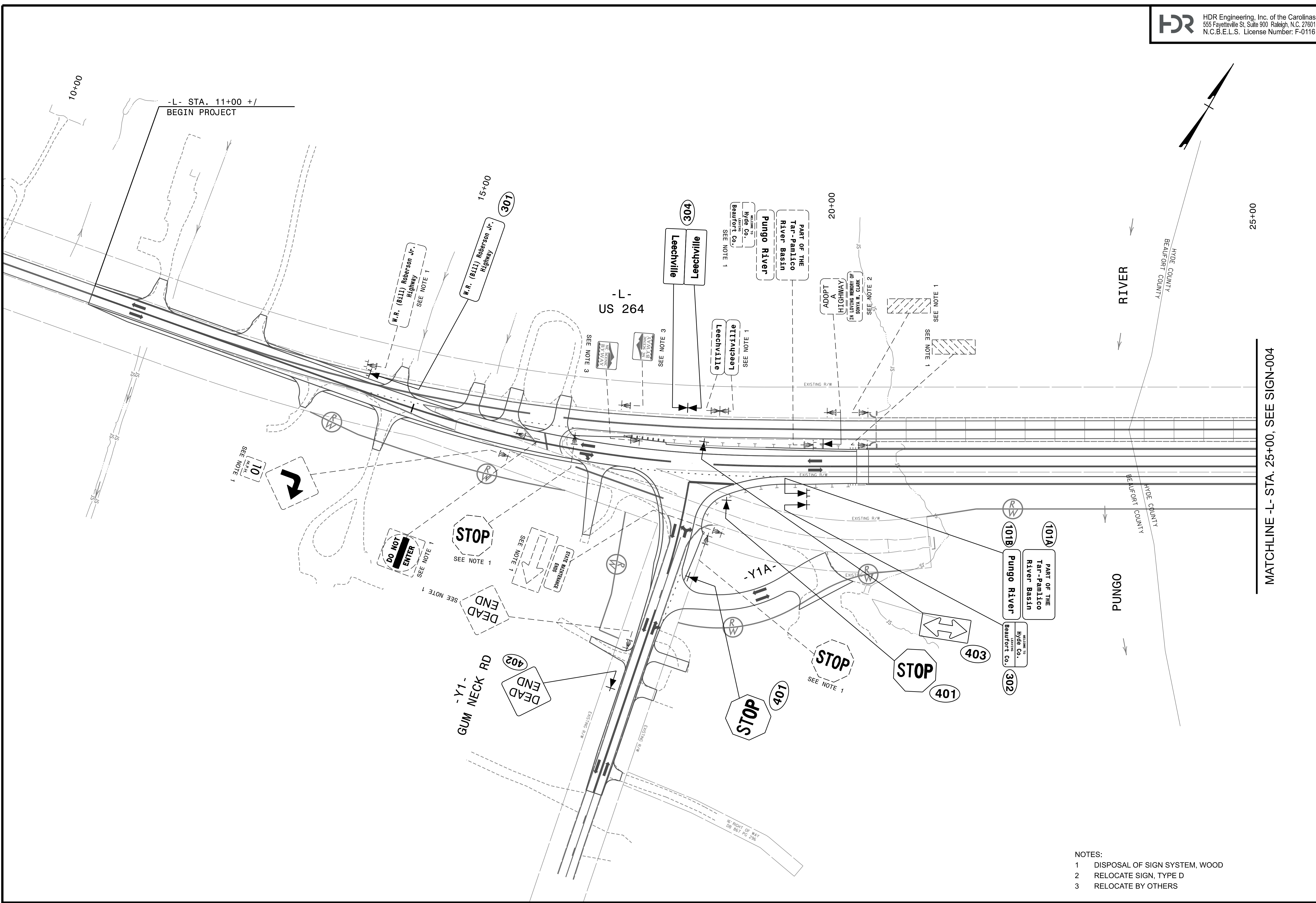
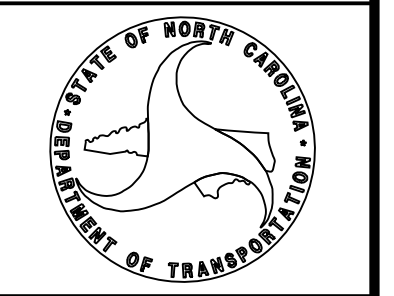
Letter spacings are to start of next letter													Series/Size
													Text Length
	P	u	n	g	o	R	i	v	e	r			D 2000
11.2	6.4	6.3	5.9	6.1	4.9	8	6.6	2.2	6.3	5.8	3	11.2	61.7

FILENAME: BR-0004_SignDesigns NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN DESIGNS

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USER: CHARNDEN

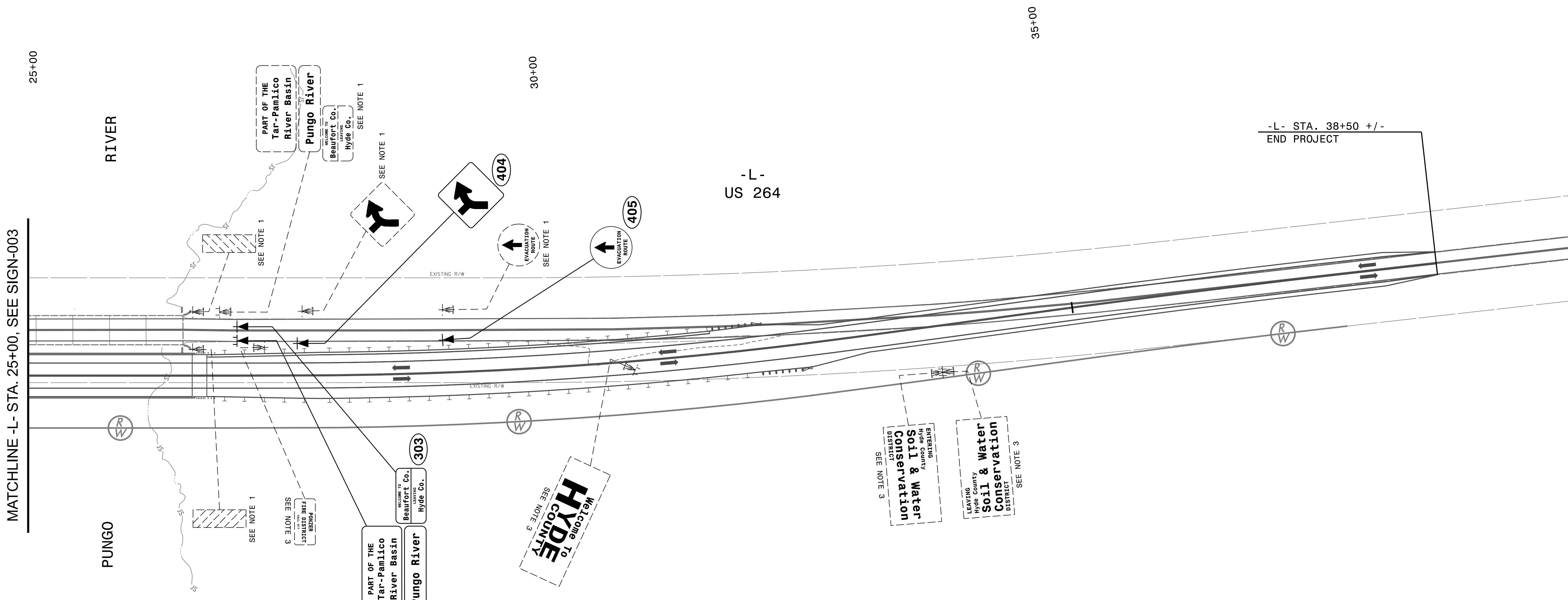
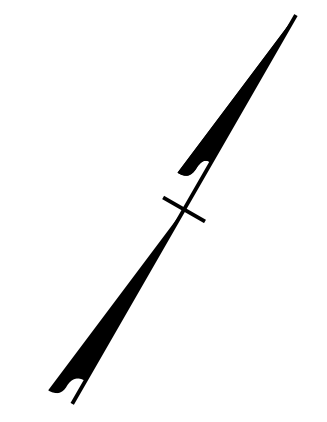
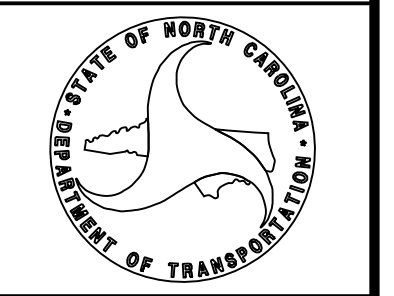
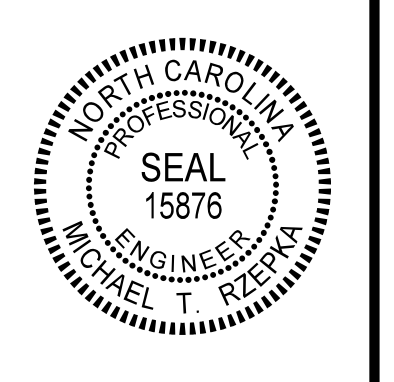
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MATCHLINE -L- STA. 25+00, SEE SIGN-004

- NOTES:
- 1 DISPOSAL OF SIGN SYSTEM, WOOD
 - 2 RELOCATE SIGN, TYPE D
 - 3 RELOCATE BY OTHERS

EXISTING AND PROPOSED SIGNING PLANS



MATCHLINE -L- STA. 25+00, SEE SIGN-003

-L- STA. 38+50 +/-
END PROJECT

-L-
US 264

- NOTES:
- 1 DISPOSAL OF SIGN SYSTEM, WOOD
 - 2 RELOCATE SIGN, TYPE D
 - 3 RELOCATE BY OTHERS

EXISTING AND PROPOSED SIGNING PLANS