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**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
MACON COUNTY**

**LOCATION: BRIDGE NO. 22 OVER LITTLE TENNESSEE
RIVER ON US 441 BUSINESS**

PROJECT REFERENCE NO. B-5125	SHEET NO. SIGN-1
APPROVED: <i>Row King</i> <small>069074877CADC...</small>	
DATE: 5/3/2016	
SEAL 	
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T.I.P.: B-5125

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000	901	CONTRACTOR FURNISHED, TYPE D SIGN	50	S.F.
4025000000	901	CONTRACTOR FURNISHED, TYPE E SIGN	105	S.F.
4025000000	901	CONTRACTOR FURNISHED, TYPE F SIGN	32	S.F.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	455	L.F.
4102000000	904	SIGN ERECTION, TYPE E	18	EA.
4096000000	904	SIGN ERECTION, TYPE D	4	EA.
4108000000	904	SIGN ERECTION, TYPE F	2	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE E (GROUND MOUNTED)	2	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	15	EA.

GENERAL NOTES

- . SIGNS FURNISHED BY CONTRACTOR
- . 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.
- . SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

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 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

- 904.10 ORIENTATION OF GROUND MOUNTED SIGNS
- 904.50 MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

PAY ITEM NOTES

- | | |
|---|-------------------------------------|
| 1 | DISPOSAL OF SIGN SYSTEM, U-CHANNEL |
| 2 | SIGN ERECTION, RELOCATE SIGN TYPE E |

PROJECT NOTES

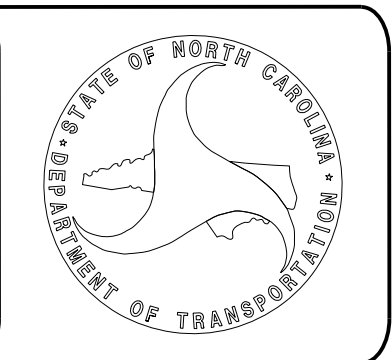
- | | |
|---|---|
| A | DIVISION 14 TRAFFIC SERVICE TO REMOVE AND STOCKPILE "BLUE STAR MEMORIAL" SIGN PRIOR TO CONSTRUCTION |
|---|---|

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2	E & F SHEET
SIGN-3	SIGN DESIGN
SIGN-4-5	SIGN DETAIL SHEETS

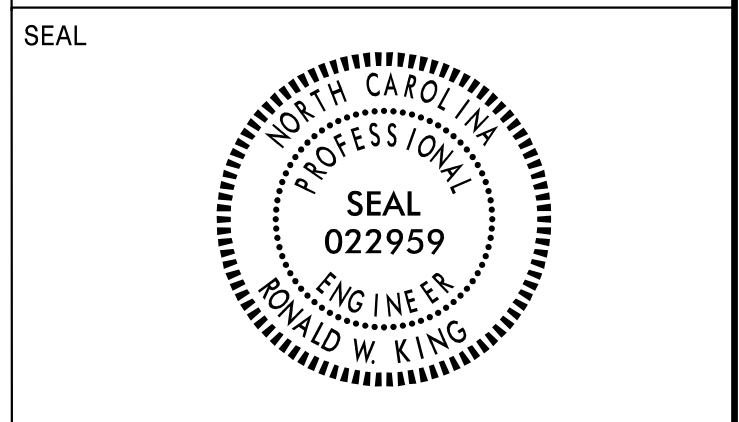
PLAN PREPARED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT

Kelvin Jordan SIGNING & DELINEATION REGIONAL ENGINEER
J. Navarrete SIGNING & DELINEATION PROJECT DESIGN ENGINEER



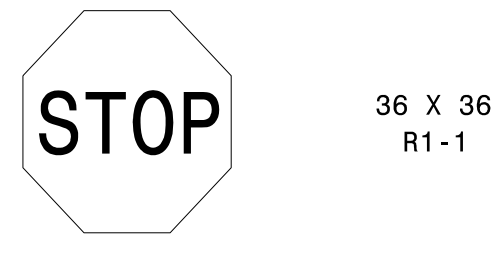
5/3/2016 P:\TIP\Projects-B\B5125\Traffic\Signing\CADD\Signing Layout Plans\B-5125_Sgn_S01.dgn User: jnavarrete

APPROVED: *Ron King*
06907A877C4DC...
 DATE: 5/3/2016



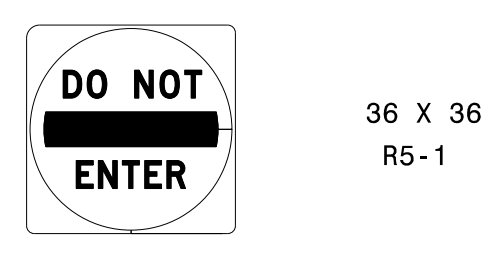
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401 QUANTITY REQ'D 2



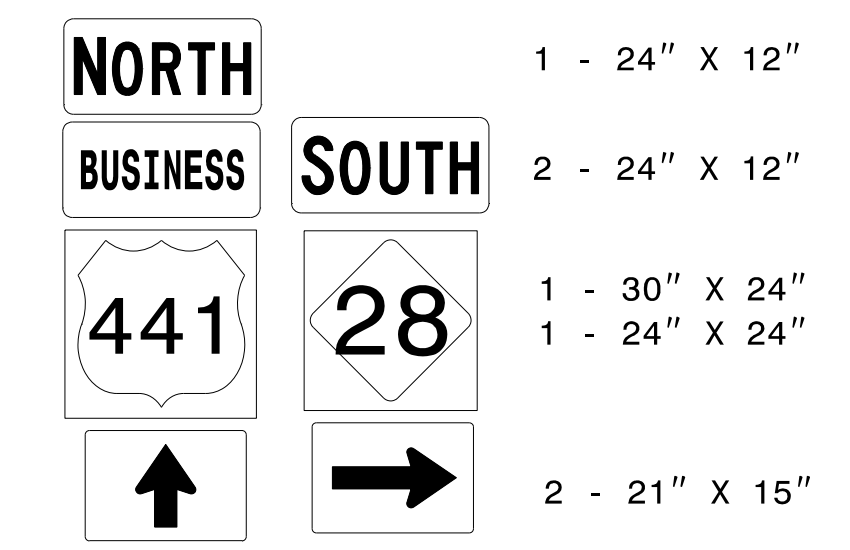
ONE "U" POST PER SIGN

406 QUANTITY REQ'D 4

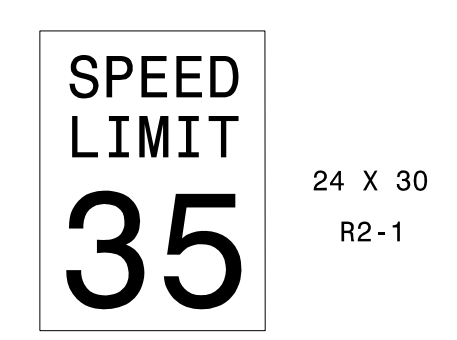


ONE "U" POST PER SIGN

501



402 QUANTITY REQ'D 1



ONE "U" POST PER SIGN

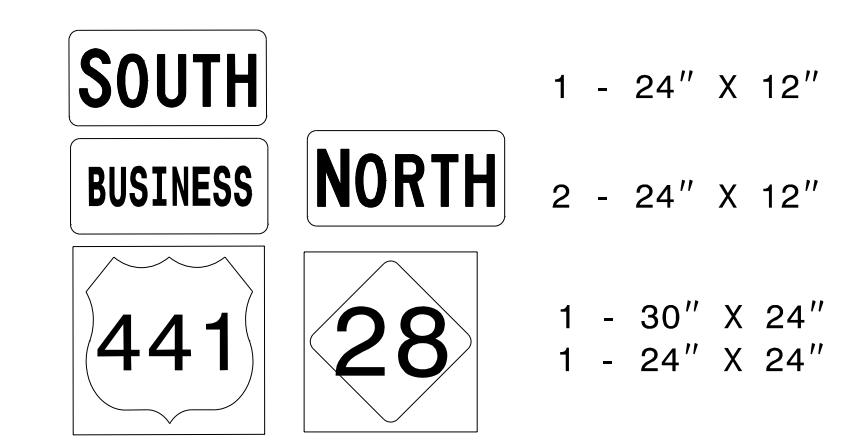
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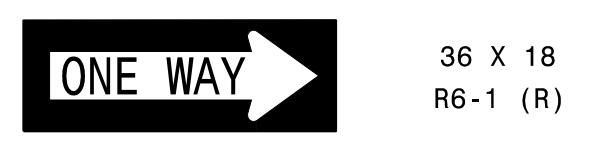
MOUNT ABOVE SIGN 401
IN 2 INSTALLATIONS

ONE "U" POST PER SIGN

502

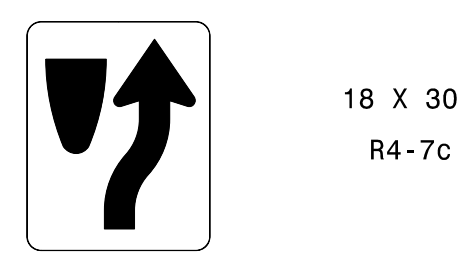


403 QUANTITY REQ'D 3



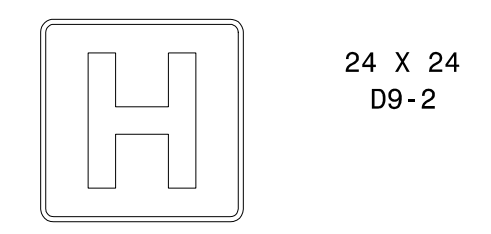
ONE "U" POST PER SIGN

408 QUANTITY REQ'D 1



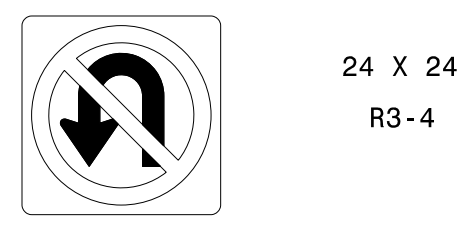
ONE "U" POST PER SIGN

404 QUANTITY REQ'D 1



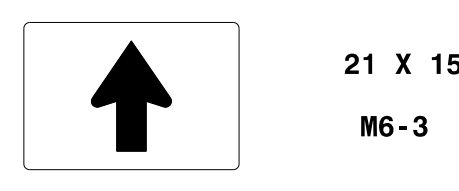
ONE "U" POST PER SIGN

409 QUANTITY REQ'D 1



ONE "U" POST PER SIGN

405 QUANTITY REQ'D 1

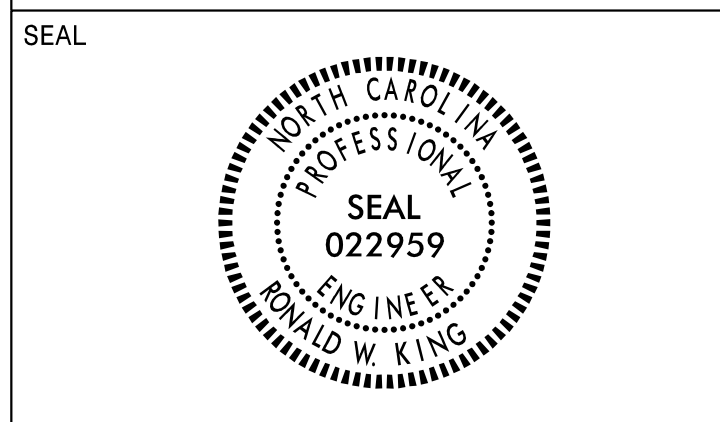


MOUNT BELOW SIGN 407
IN 1 INSTALLATIONS
ONE "U" POSTS PER SIGN

TYPE "E" or "F" SIGNS

5/3/2016 P:\Projects-B\B5125\Traffic\Signing\CADD\Signing Layout Plans\B-5125_Sgn_Sign.dgn
 User: rking

APPROVED: *Ron King*
069074877CAD...
 DATE: 5/3/2016



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

SIGN NUMBER: 301 TYPE: D QUANTITY: 1
 SIGN WIDTH: 5'-6" HEIGHT: 2'-6" TOTAL AREA: 13.8 Sq.Ft.
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1" RADIUS: 3"
 NO. Z BARS: LENGTH: MAT'L: 0.125" (3.2 mm) ALUMINUM

BACKG COLOR: Green COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	6.6	17	6	9
AR_Type D	50.4	4	6	9

DESIGN BY: J.Navarrete CHECKED BY: Apr 19, 2016
 PROJECT ID: B-5125 LOCATION: DIV: 14

USE NOTES: 1,2
 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
S	y	l	v	a									D 2000
18.6	4.5	5.2	1.7	4.7	3.4	27.9							19.5
H	i	g	h	l	a	n	d	s					D 2000
9.5	5.4	1.9	4.8	4.7	1.9	4.6	4.4	4.4	2.8	21.6			34.9

FILENAME: B-5125_Sgn_design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 302 TYPE: D QUANTITY: 1
 SIGN WIDTH: 6'-0" HEIGHT: 3'-6" TOTAL AREA: 21.0 Sq.Ft.
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1" RADIUS: 3"
 NO. Z BARS: LENGTH: MAT'L: 0.125" (3.2 mm) ALUMINUM

BACKG COLOR: Green COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	6.6	17	6	9
AR_Type D	50.4	4	6	9

DESIGN BY: J.Navarrete CHECKED BY: Apr 01, 2016
 PROJECT ID: B-5125 LOCATION: DIV: DIV

USE NOTES: 1,2
 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						
D	a	v	i	d	E	H	e	n	s	o	n		D 2000						
5.7	5	4.1	5	1.9	3.6	6	3.7	6	5.2	4.4	4.3	3.4	4.6	3.5	5.7	60.7			
B	r	i	d	g	e											D 2000			
24.7	5	3	1.9	4.6	4.6	3.5	24.7									22.6			
L	i	t	t	l	e	T	e	n	n	e	s	s	e	e		D 2000			
6.4	4.5	1.6	2.5	3.1	1.9	3.5	6	4.3	4.4	4.7	4.4	4	3.2	3.4	4.1	3.5	6.4	59.2	
R	i	v	e	r															D 2000
27	5	1.7	4.7	4.4	2.3	27												18.1	

FILENAME: B-5125_Sgn_design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 303,304 TYPE: D QUANTITY: 2
 SIGN WIDTH: 6'-0" HEIGHT: 2'-0" TOTAL AREA: 12.0 Sq.Ft.
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1" RADIUS: 3"
 NO. Z BARS: LENGTH: MAT'L: 0.125" (3.2 mm) ALUMINUM

BACKG COLOR: Green COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	6.6	17	6	9
AR_Type D	50.4	4	6	9

DESIGN BY: J.Navarrete CHECKED BY: Sep 01, 2015
 PROJECT ID: B-5125 LOCATION: DIV: 14

USE NOTES: 1,2
 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

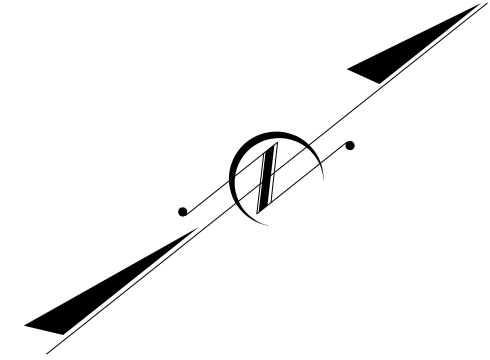
LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size						
													Text Length						
L	i	t	t	l	e	T	e	n	n	e	s	s	e	e		D 2000			
6.4	4.5	1.6	2.5	3.1	1.9	3.5	6	4.3	4.4	4.7	4.4	4	3.2	3.4	4.1	3.5	6.4	59.2	
R	i	v	e	r															D 2000
27	5	1.7	4.7	4.4	2.3	27												18.1	

FILENAME: B-5125_Sgn_design NORTH CAROLINA D.O.T. SIGN DETAIL

5/3/2016
 P:\IP\Projects-B\B5125\Traffic\Signing\CADD\Sign_Designs\B-5125_Sgn_design.dgn
 User: jnavarrete

SIGN DESIGN

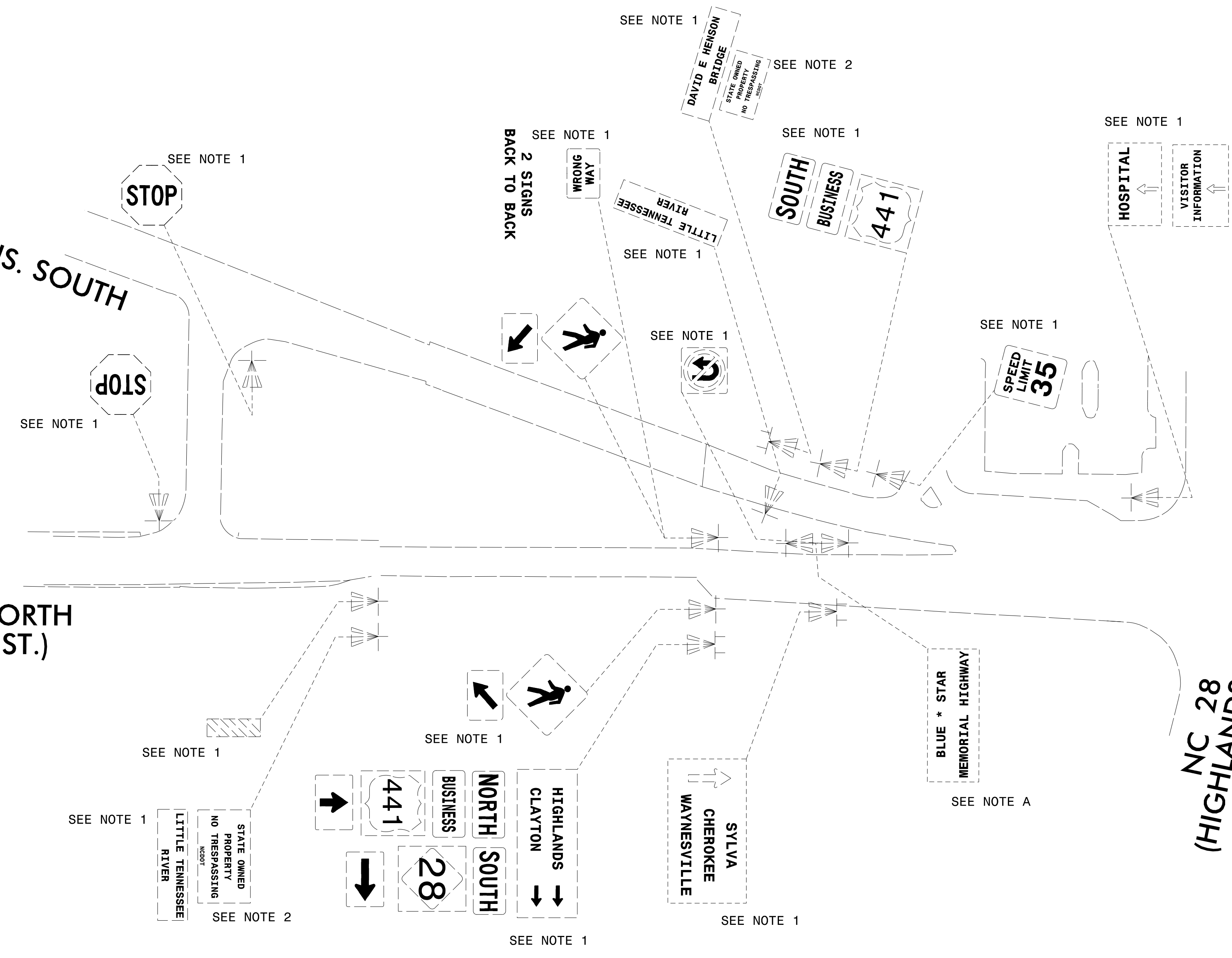


NC HWY 28 NORTH /US 441 US. SOUTH
(NORTHEAST MAIN ST.)

US 441 BUS. NORTH
(EAST MAIN ST.)

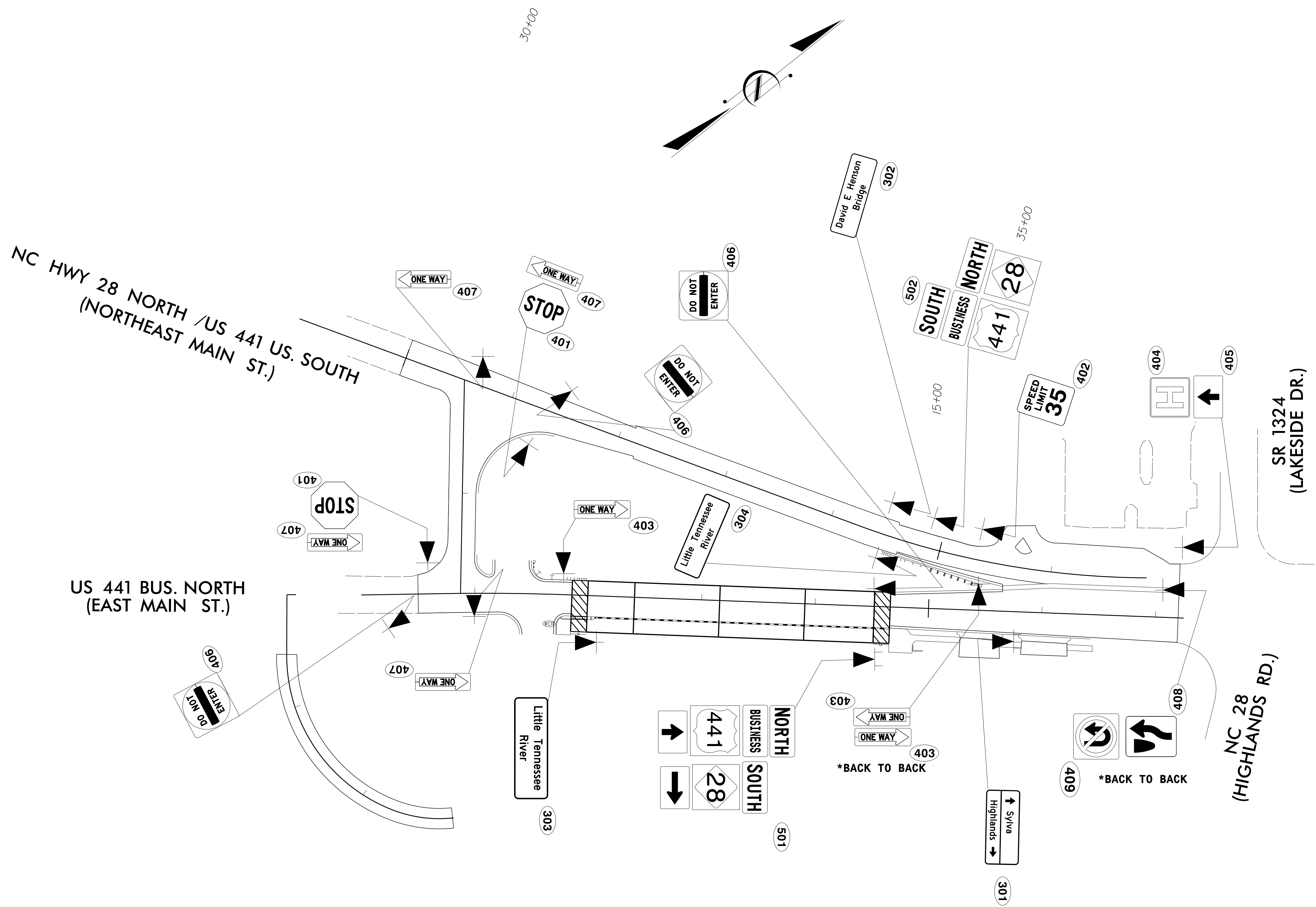
SR 1324
(LAKESIDE DR.)

NC 28
(HIGHLANDS RD.)



5/3/2016
 P:\Projects-B\B5125\Traffic\Signing\CADD\Signing Layout Plans\B-5125_Sgn_S01.dgn
 User: rnavarrete

SIGN DETAIL SHEET



5/3/2016
 P:\Projects-B\B5125\Traffic\Signing\CADD\Signing Layout Plans\B-5125_Sgn_SGN2.dgn
 User: rnavarrete

SIGN DETAIL SHEET