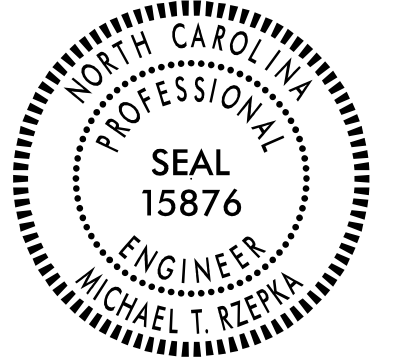


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shall not be considered a certified document.**

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

TIP NO. U-4734	SHEET NO. SIGN-1
APPROVED: <i>Michael T. Rzepka</i>	
DATE: 4/24/2018	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

**SIGNING PLAN  
FORSYTH /GUILFORD COUNTIES**

**LOCATION: KERNERSVILLE – SR 2601 (MACY GROVE RD) EXTENSION  
FROM NORTH OF SR 1005 (EAST MOUNTAIN ST) TO NC 150  
(NORTH MAIN ST)**

**T.I.P.: U-4734**

**CONTRACT: C204124**

**INDEX**

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2	SUPPORT INFORMATION
SIGN-3	'E' TYPE SIGNS
SIGN-3A	'F' TYPE SIGNS
SIGN-4-4H	SIGN DESIGNS AND OVERHEAD DETAILS
SIGN-5-11	SIGN DETAIL SHEETS

**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
901.50	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
903.10	GROUND MOUNTED SIGN SUPPORTS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.20	SECONDARY SIGN MOUNTING
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS
910.30	SIGNING UNSIGNALIZED SUPERSTREET

**SUMMARY OF QUANTITIES**

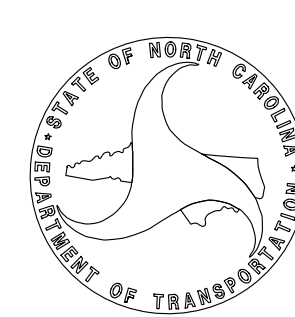
ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT
4048000000	REINFORCED CONCRETE SIGN FOUNDATION	5	C.Y.
4054000000	PLAIN CONCRETE SIGN FOUNDATION	1	C.Y.
4057000000	OVERHEAD FOOTING	17	C.Y.
4060000000	SUPPORTS, BREAKAWAY STEEL BEAM	875	LB.
4066000000	SUPPORTS, SIMPLE STEEL BEAM	3781	LB.
4072000000	SUPPORTS, 3 LB STEEL U-CHANNEL	1667	L.F.
4096000000	SIGN ERECTION, TYPE D	4	EA.
4102000000	SIGN ERECTION, TYPE E	41	EA.
4108000000	SIGN ERECTION, TYPE F	38	EA.
4109000000	SIGN ERECTION, TYPE A (OVERHEAD)	4	EA.
4110000000	SIGN ERECTION, TYPE A (GROUND MOUNTED)	5	EA.
4115000000	SIGN ERECTION, OVERLAY (OVERHEAD)	3	EA.
4116000000	SIGN ERECTION, OVERLAY (GROUND MOUNTED)	11	EA.
4116100000	SIGN ERECTION, RELOCATE SIGN TYPE B (GROUND MOUNTED)	3	EA.
4116200000	SIGN ERECTION, REPOSITION OVERHEAD	3	EA.
4082100000	SUPPORTS, OVERHEAD SIGN STRUCTURE @ EXIT 17 NB US 421	1	L.S.
4152000000	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	4	EA.
4155000000	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	52	EA.
4234000000	DISPOSAL OF SIGN, A OR B (OVERHEAD)	2	EA.

**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 GRADE 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.

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

**K. JORDAN** SIGNING & DELINEATION REGIONAL ENGINEER  
SIGNING & DELINEATION PROJECT DESIGN ENGINEER



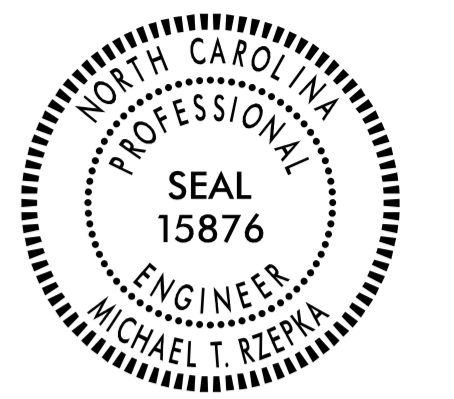
**PLAN PREPARED BY: HDRICA**

**M. T. RZEPKA, P.E.** PROJECT ENGINEER  
**Y. MARIOTTE** DESIGN ENGINEER

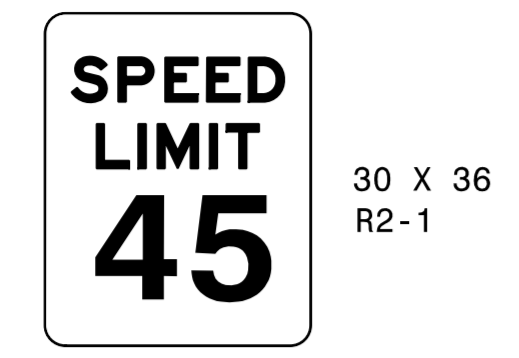


HDR Engineering, Inc. of the Carolinas  
555 Fayetteville St., Suite 900 Raleigh, N.C. 27601  
N.C.B.E.L.S. License Number: F-0116



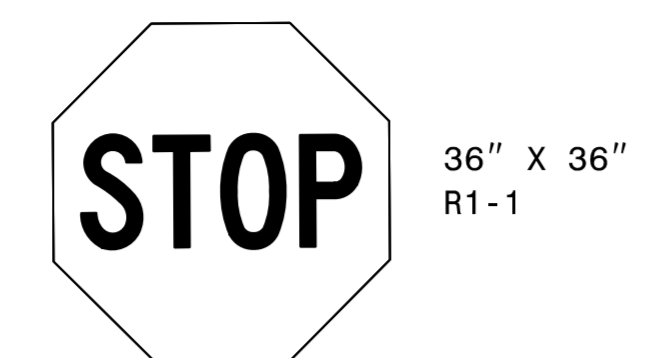
TIP NO. U-4734	SHEET NO. SIGN-3
APPROVED: <i>Michael T. Rzepka</i> <small>018C3480C26049D</small>	
DATE: 4/2/2018	
SEAL 	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

401 QUANTITY REQ'D 2



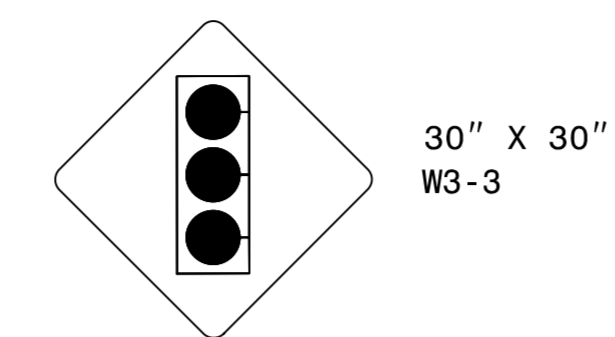
ONE "U" POST PER SIGN

402 QUANTITY REQ'D 4



TWO "U" POSTS PER SIGN

403 QUANTITY REQ'D 2



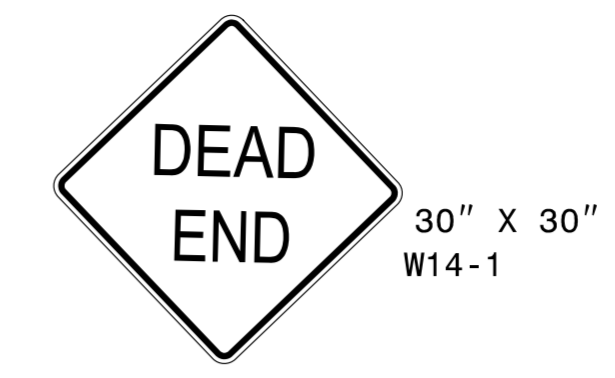
ONE "U" POST PER SIGN

404 QUANTITY REQ'D 4



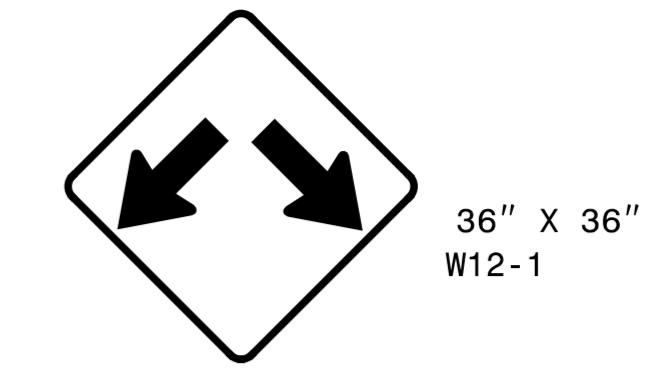
TWO "U" POSTS PER SIGN

405 QUANTITY REQ'D 2



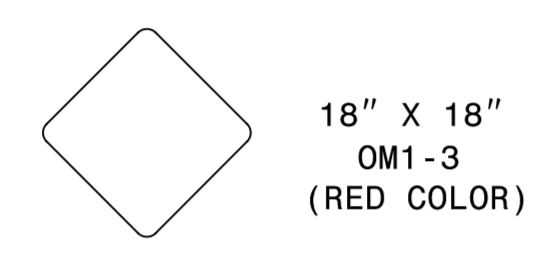
ONE "U" POST PER SIGN

406 QUANTITY REQ'D 8



ONE "U" POST PER SIGN

407 QUANTITY REQ'D 12



ONE "U" POST PER SIGN

408 QUANTITY REQ'D 3



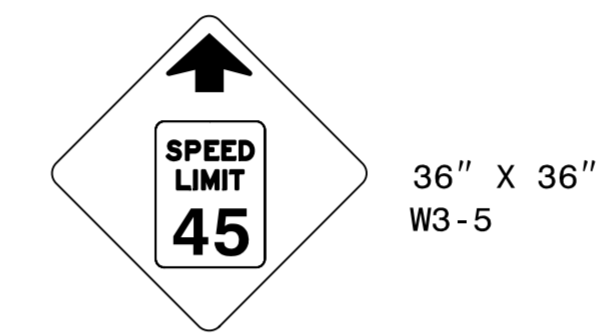
TWO "U" POSTS PER SIGN;  
MOUNT ABOVE SIGN 402  
IN 2 LOCATIONS

409 QUANTITY REQ'D 1



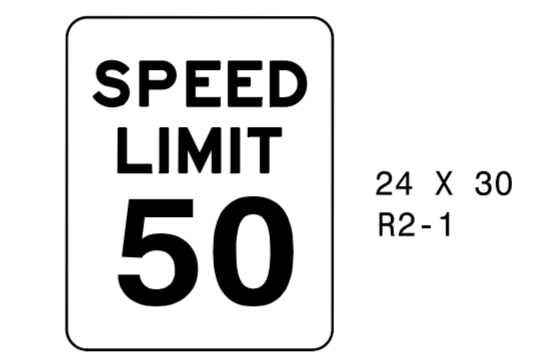
ONE "U" POST PER SIGN

410 QUANTITY REQ'D 1



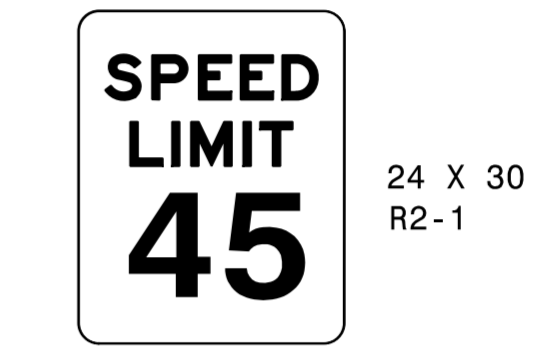
ONE "U" POST PER SIGN

411 QUANTITY REQ'D 1



ONE "U" POST PER SIGN

412 QUANTITY REQ'D 1




ONE "U" POST PER SIGN

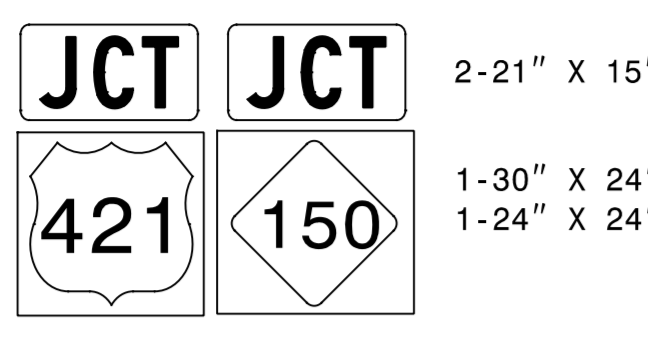


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555 Fayetteville St, Suite 900 Raleigh, N.C. 27601  
N.C.B.E.L.S. License Number: F-0116

**TYPE "E" SIGNS**

TIP NO. U-4734	SHEET NO. SIGN-3A
APPROVED: <i>Michael T. Rzepka</i> <small>DocuSigned by: Michael T. Rzepka 918C3480C28049D</small>	
DATE: 4/2/2018	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

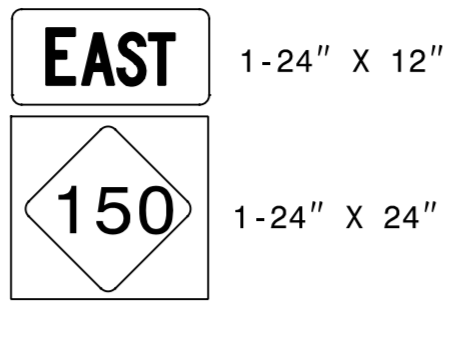
501 522  
529



2-21" X 15"  
1-30" X 24"  
1-24" X 24"

MOUNT ON TWO U-CHANNEL POSTS PER ASSEMBLY

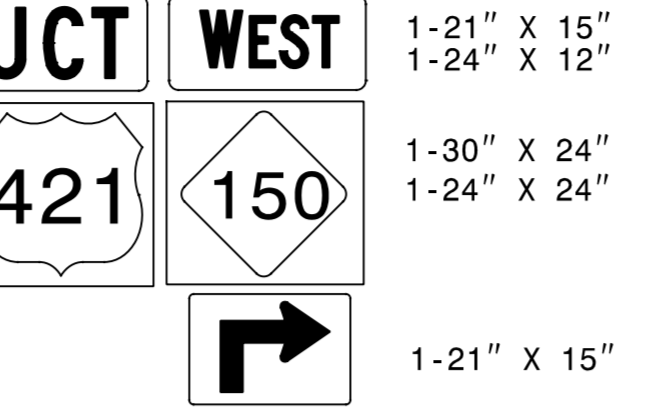
502  
506  
507  
509  
515



1-24" X 12"  
1-24" X 24"

MOUNT ON TWO U-CHANNEL POSTS PER ASSEMBLY

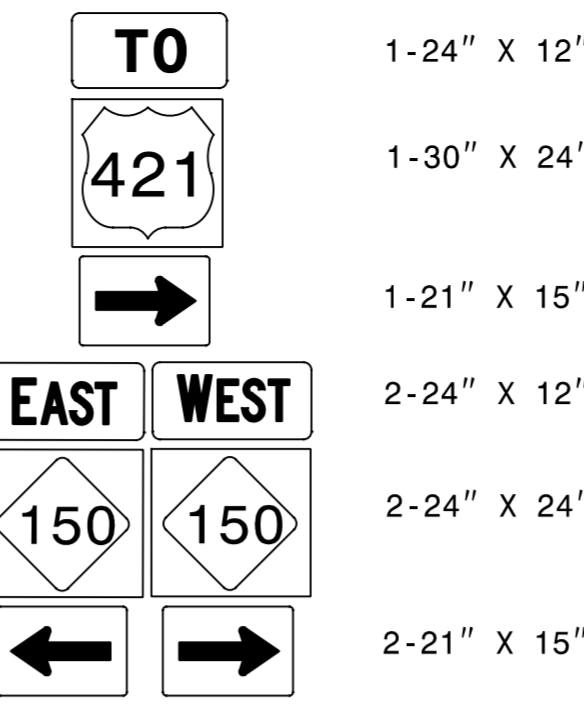
503



1-21" X 15"  
1-24" X 12"  
1-30" X 24"  
1-24" X 24"  
1-21" X 15"

MOUNT ON TWO U-CHANNEL POSTS

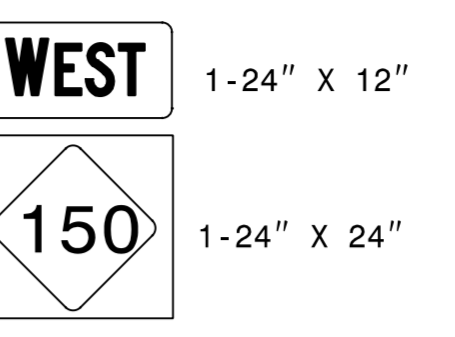
504



1-24" X 12"  
1-30" X 24"  
1-21" X 15"  
2-24" X 12"  
2-24" X 24"  
2-21" X 15"

MOUNT ON TWO U-CHANNEL POSTS

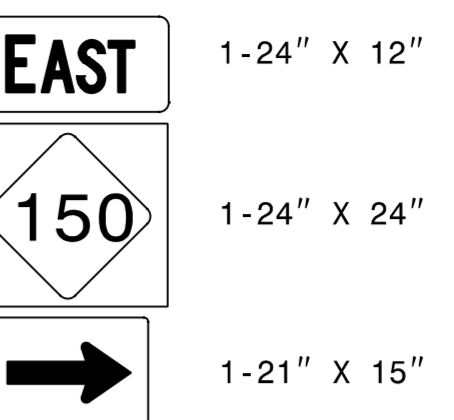
505  
508  
511



1-24" X 12"  
1-24" X 24"

MOUNT ON ONE U-CHANNEL POST PER ASSEMBLY

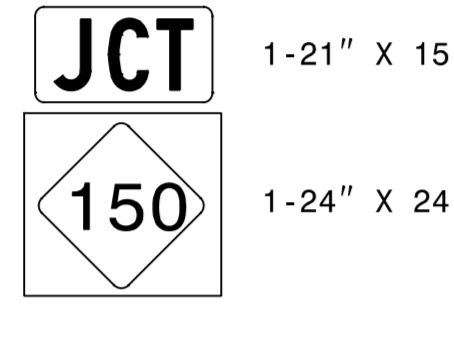
510  
538



1-24" X 12"  
1-24" X 24"  
1-21" X 15"

MOUNT ON ONE U-CHANNEL POST PER ASSEMBLY

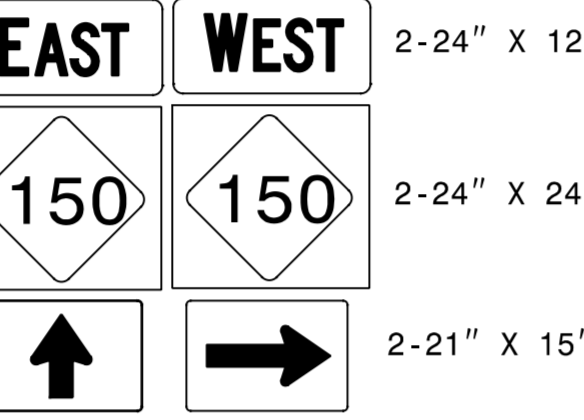
512



1-21" X 15"  
1-24" X 24"

MOUNT ON ONE U-CHANNEL POST

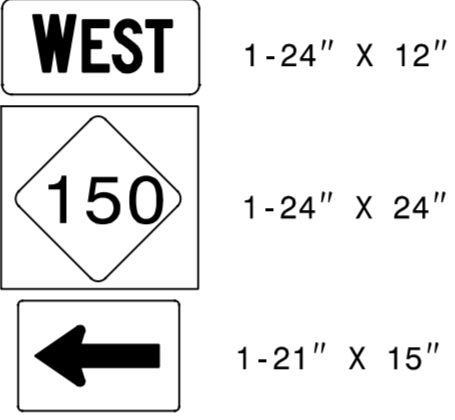
513



2-24" X 12"  
2-24" X 24"  
2-21" X 15"

MOUNT ON TWO U-CHANNEL POSTS

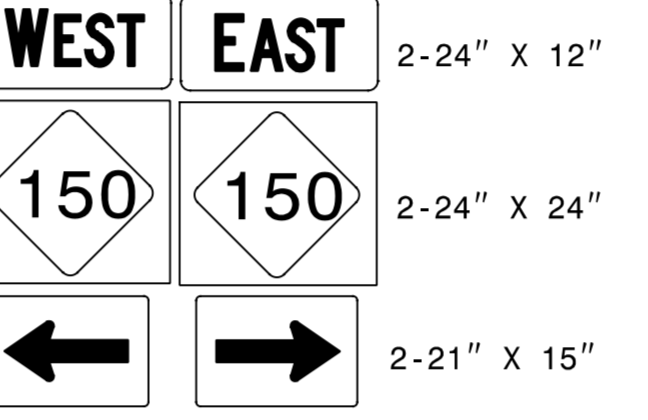
514



1-24" X 12"  
1-24" X 24"  
1-21" X 15"

MOUNT ON ONE U-CHANNEL POST

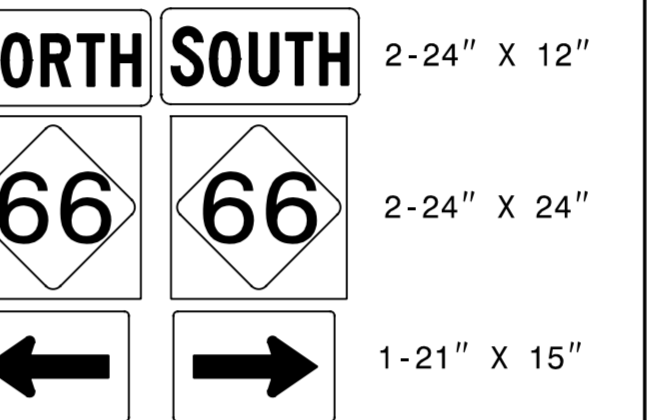
516



2-24" X 12"  
2-24" X 24"  
2-21" X 15"

MOUNT ON TWO U-CHANNEL POSTS

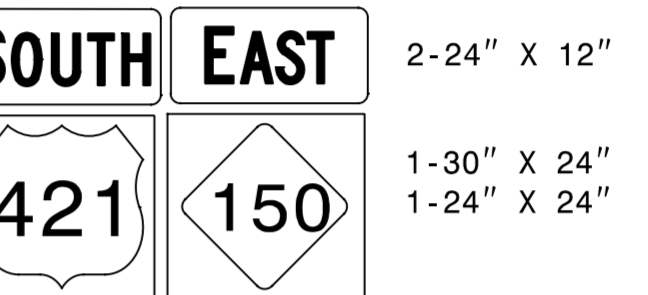
517 518  
530



2-24" X 12"  
2-24" X 24"  
1-21" X 15"

MOUNT ON TWO U-CHANNEL POSTS PER ASSEMBLY

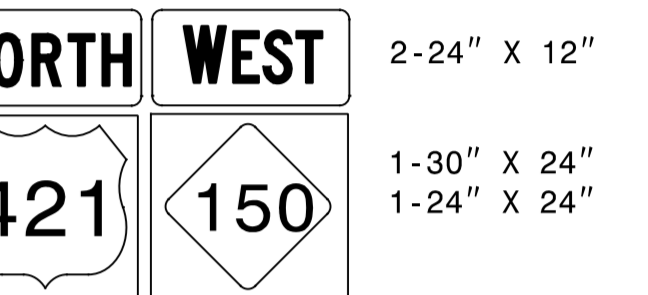
519



2-24" X 12"  
1-30" X 24"  
1-24" X 24"

MOUNT ON TWO U-CHANNEL POSTS

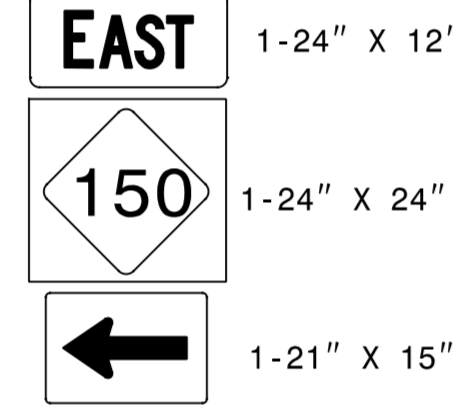
520



2-24" X 12"  
1-30" X 24"  
1-24" X 24"

MOUNT ON TWO U-CHANNEL POSTS

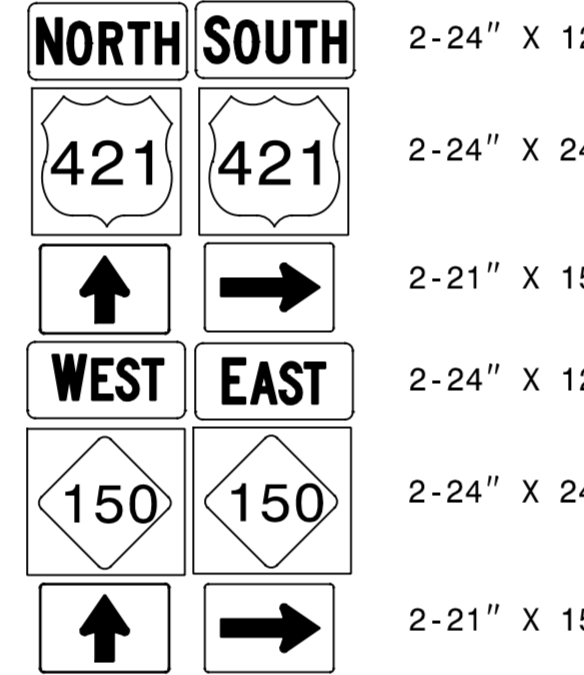
521



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1-24" X 24"  
1-21" X 15"

MOUNT ON ONE U-CHANNEL POST

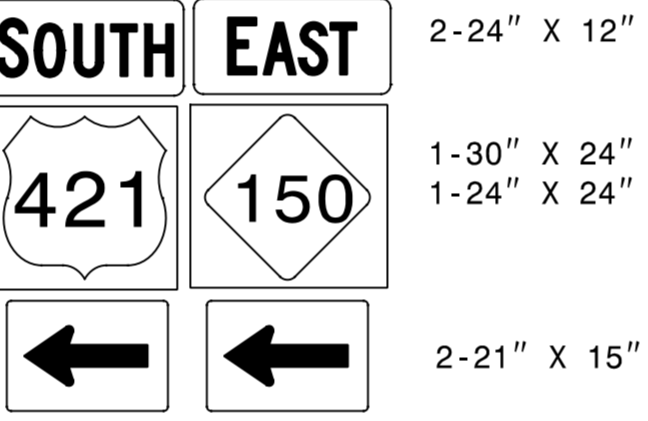
523



2-24" X 12"  
2-24" X 24"  
2-21" X 15"  
2-24" X 12"  
2-24" X 24"  
2-21" X 15"

MOUNT ON TWO U-CHANNEL POSTS

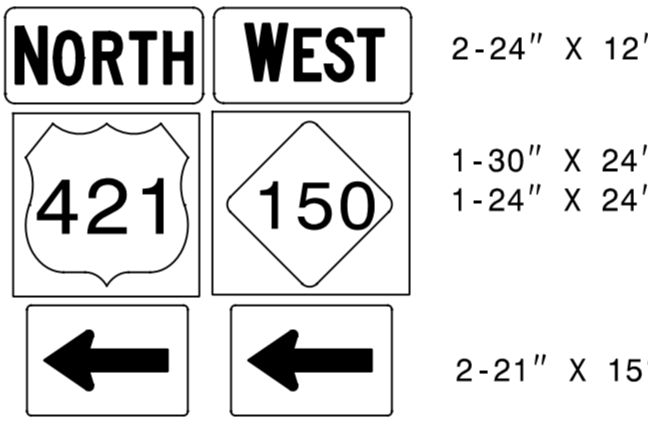
524



2-24" X 12"  
1-30" X 24"  
1-24" X 24"  
2-21" X 15"

MOUNT ON TWO U-CHANNEL POSTS

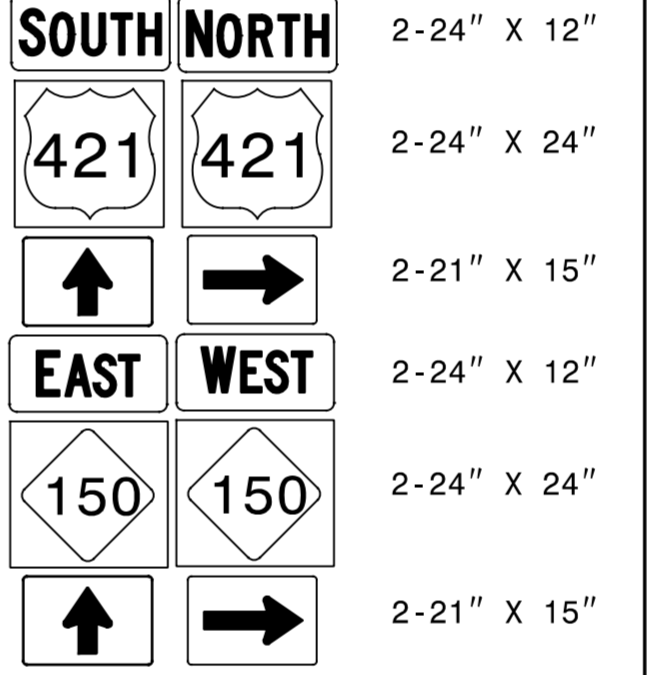
525



2-24" X 12"  
1-30" X 24"  
1-24" X 24"  
2-21" X 15"

MOUNT ON TWO U-CHANNEL POSTS

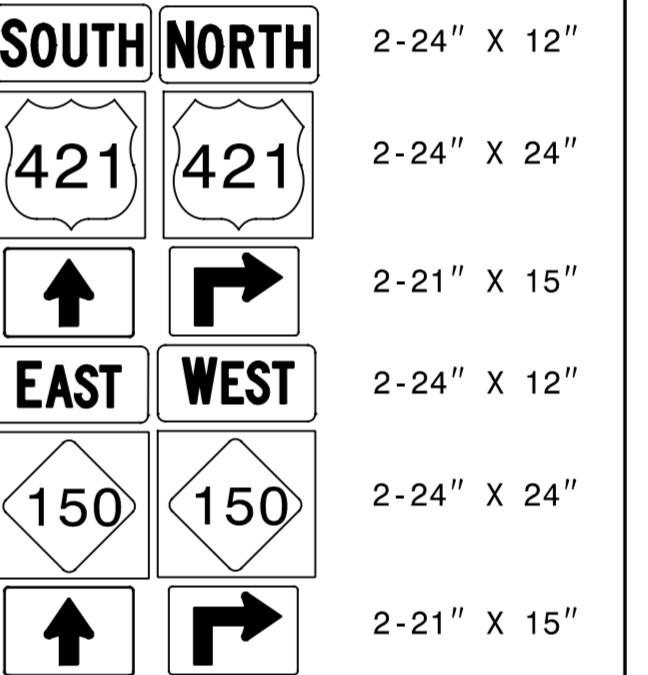
526



2-24" X 12"  
2-24" X 24"  
2-21" X 15"  
2-24" X 12"  
2-24" X 24"  
2-21" X 15"

MOUNT ON TWO U-CHANNEL POSTS

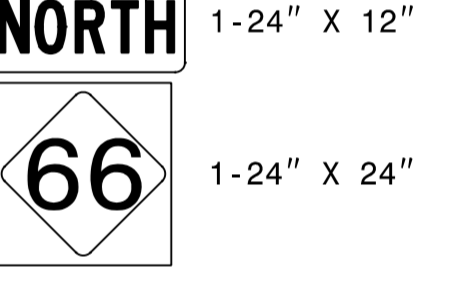
527



2-24" X 12"  
2-24" X 24"  
2-21" X 15"  
2-24" X 12"  
2-24" X 24"  
2-21" X 15"

MOUNT ON TWO U-CHANNEL POSTS

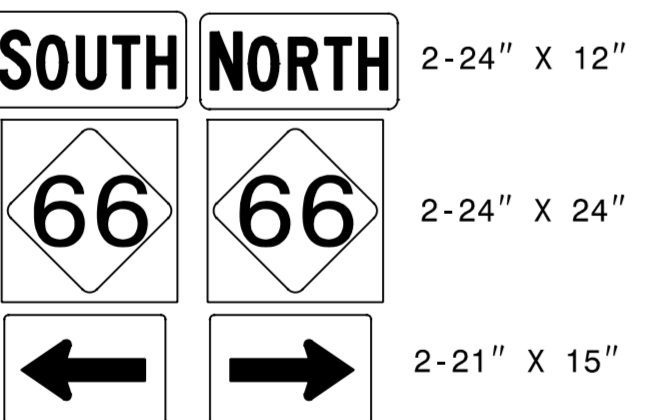
528  
533  
535



1-24" X 12"  
1-24" X 24"

MOUNT ON ONE U-CHANNEL POST PER ASSEMBLY

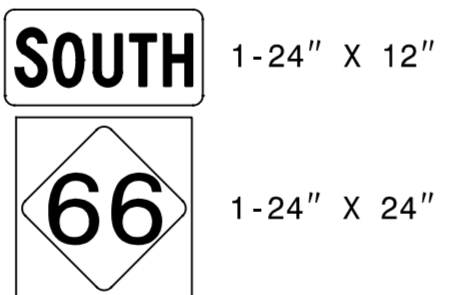
531  
536



2-24" X 12"  
2-24" X 24"  
2-21" X 15"

MOUNT ON TWO U-CHANNEL POSTS PER ASSEMBLY

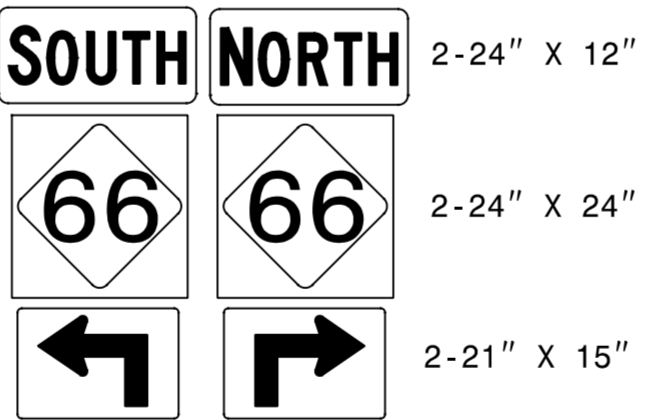
532  
534



1-24" X 12"  
1-24" X 24"

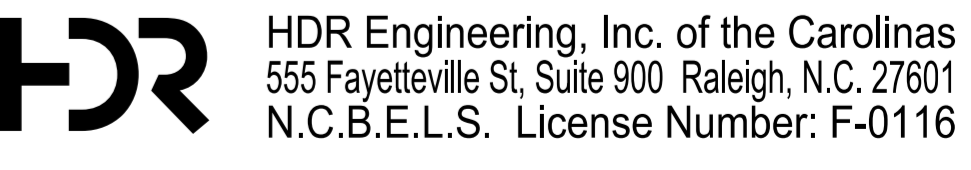
MOUNT ON TWO U-CHANNEL POSTS PER ASSEMBLY

537



2-24" X 12"  
2-24" X 24"  
2-21" X 15"

MOUNT ON TWO U-CHANNEL POSTS



TYPE "F" SIGNS

4/2/2018 11:34:25 AM I:\Projects\4734\4734\_u4734\_sign\_f\_signs\_03a.dgn

APPROVED: *Michael T. Rzepka*  
018C348C28048D...

DATE: 4/2/2018

SEAL



DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 1 TYPE: A QUANTITY: 1  
SIGN WIDTH: 18'-6" HEIGHT: 9'-0" TOTAL AREA: 166.5 Sq.Ft.  
BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12"  
NO. Z BARS: 3 LENGTH: 214.0  
MATERIAL: 0.125" (3.2 mm) ALUMINUM

SYMBOL	X	Y	WID	HT
M1-5-3-36-12D	62.3	64	36	36
ARDOWN	94	8	32	22

DESIGN BY: mtr CHECKED BY: Feb. 27, 2018 DIV: 9  
PROJECT ID: U-4734

BORDER R=12" TH=2"

Spacing Factor for "EXIT" is 1.4  
Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	46.4
EM 2000	188.5
E 2000	39.5
E 2000	47.8

FILENAME: u4734\_sign designs NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 2 TYPE: A QUANTITY: 1  
SIGN WIDTH: 18'-6" HEIGHT: 9'-0" TOTAL AREA: 166.5 Sq.Ft.  
BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12"  
NO. Z BARS: 3 LENGTH: 214.0  
MATERIAL: 0.125" (3.2 mm) ALUMINUM

SYMBOL	X	Y	WID	HT
M1-5-3-36-12D	62.3	64	36	36
AR_Type A	16.8	5	22.3	35.6
AR_Type A	177.2	5	22.3	35.6

DESIGN BY: mtr CHECKED BY: R KING Feb 27, 2018 DIV: 9  
PROJECT ID: U-4734

BORDER R=12" TH=2"

Spacing Factor for "EXIT" is 1.4  
Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	46.4
EM 2000	188.5
E 2000	39.5
E 2000	47.8

FILENAME: u4734\_sign designs NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 3 TYPE: A QUANTITY: 1  
SIGN WIDTH: 13'-0" HEIGHT: 8'-0" TOTAL AREA: 104.0 Sq.Ft.  
BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12"  
NO. Z BARS: 3 LENGTH: 148.0  
MATERIAL: 0.125" (3.2 mm) ALUMINUM

SYMBOL	X	Y	WID	HT
M1_4	23.6	16.8	45	36
M1-5-3-36-12D	97.5	16.9	36	36

DESIGN BY: MTR CHECKED BY: Jan 25, 2018 DIV: 9  
PROJECT ID: U-4734

BORDER R=12" TH=2"

Panel Style: guide\_exp\_advance\_b.ssi  
M.U.T.C.D.: 2009 Edition

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	59.9
E 2000	48.8

FILENAME: u4734\_sign designs NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 4 TYPE: A QUANTITY: 1  
SIGN WIDTH: 18'-6" HEIGHT: 11'-0" TOTAL AREA: 203.5 Sq.Ft.  
BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12"  
NO. Z BARS: 3 LENGTH: 214.0  
MATERIAL: 0.125" (3.2 mm) ALUMINUM

SYMBOL	X	Y	WID	HT
M1-5-3-36-12D	62.3	83	36	36
AR_Type A	97.2	15.5	22.3	35

DESIGN BY: mtr CHECKED BY: Jan 25, 2018 DIV: 9  
PROJECT ID: U-4734

BORDER R=12" TH=2"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	46.4
EM 2000	188.5

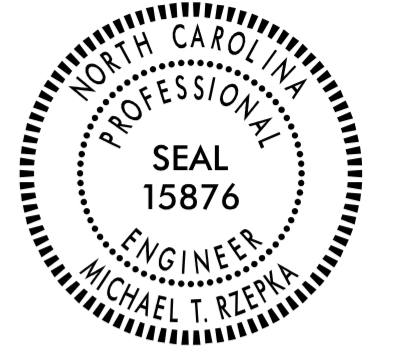
FILENAME: u4734\_sign designs NORTH CAROLINA D.O.T. SIGN DETAIL

4/2/2018 11:34:27 AM C:\Plot\4734\4734\_sign\_design\_04\_series.dgn

APPROVED: *Michael T. Rzepka*  
019C3480C20049D...

DATE: 4/2/2018

SEAL



DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

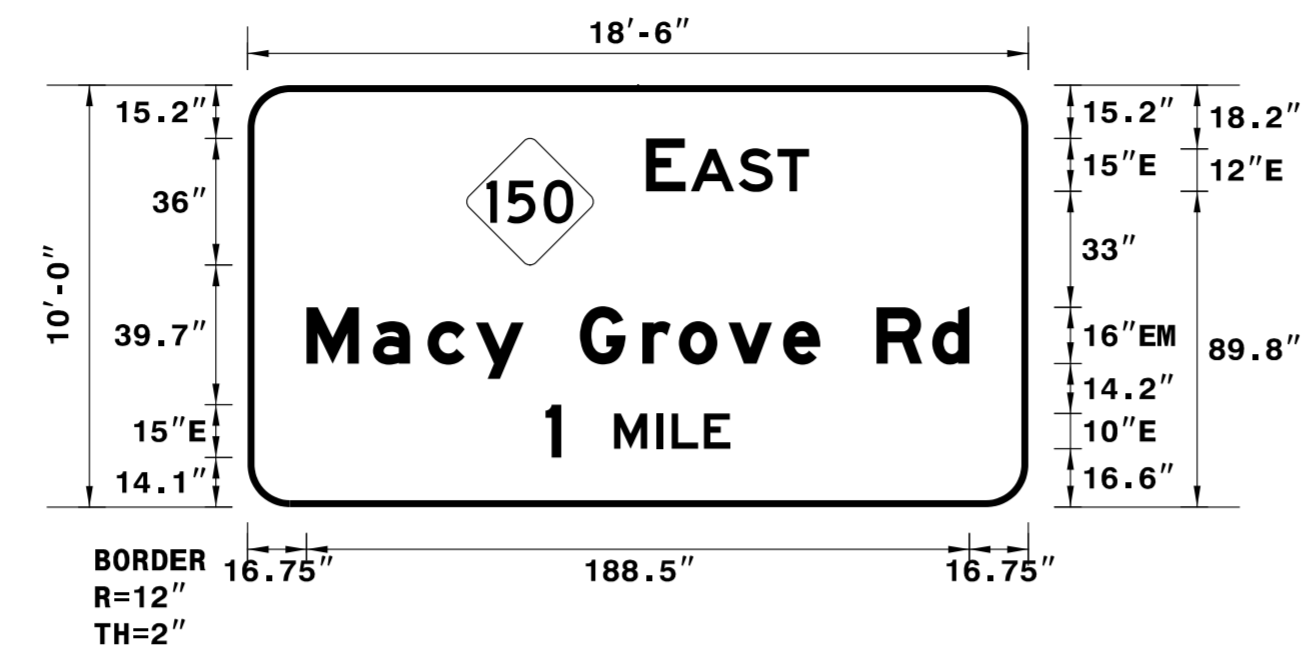
SIGN NUMBER: 101, 105  
TYPE: A  
QUANTITY: 2  
SIGN WIDTH: 18'-6"  
HEIGHT: 10'-0"  
TOTAL AREA: 185.0 Sq.Ft.  
BORDER TYPE: FLUSH  
RECESS: 0"  
WIDTH: 2"  
RADIUS: 12"  
NO. Z BARS: 3  
LENGTH: 214.0

BACKG COLOR: Green  
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1-5-3-36-12D	62.3	68.8	36	36

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: mtr  
PROJECT ID: U-4734  
CHECKED BY:  
LOCATION:  
Jan 24, 2018  
DIV: 9



USE NOTES: 1, 2 & 3  
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		
E	A	S	T										E 2000		
113.3	11.3	1.5	13.6	11	9	62.3							46.4		
M	a	c	y	G	r	o	v	e	R	d			EM 2000		
16.8	18.9	15.5	13.8	13.6	16	17.8	10.4	14.1	15.5	10.6	16	15.8	10.6	16.8	188.5
1	M	I	L	E											E 2000
84.7	4.5	15	12	4.4	9.2	7.5	84.7								52.6

FILENAME: u4734\_sign designs

NORTH CAROLINA D.O.T. SIGN DETAIL

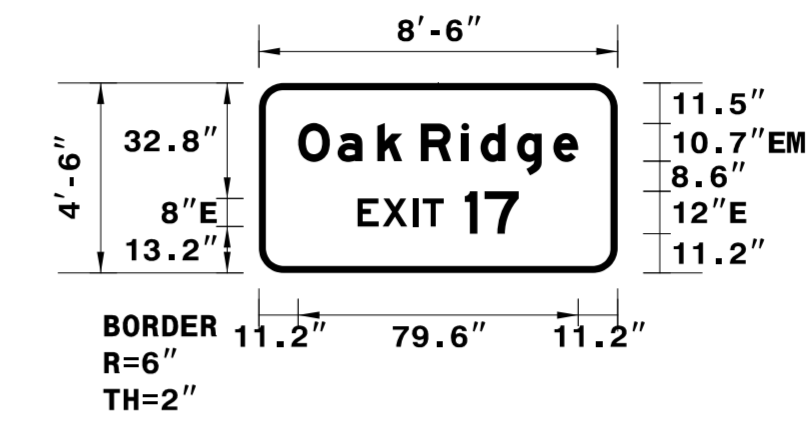
SIGN NUMBER: 102, 104  
TYPE: A  
QUANTITY: 2  
SIGN WIDTH: 8'-6"  
HEIGHT: 4'-6"  
TOTAL AREA: 38.3 Sq.Ft.  
BORDER TYPE: FLUSH  
RECESS: 0"  
WIDTH: 2"  
RADIUS: 6"  
NO. Z BARS: 2  
LENGTH: 94.0

BACKG COLOR: Green  
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	52.6	4.5	6	9

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: mtr  
PROJECT ID: U-4734  
CHECKED BY:  
LOCATION:  
Feb 27, 2018  
DIV: 9



USE NOTES: 1  
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
O	a	k	R	i	d	g	e						EM 2000
11.2	11.2	11.3	7	5.3	11.5	5.4	10.3	10.3	7	11.2			79.6
E	X	I	T	1	7								E 2000
28.1	7.1	8.6	2.8	6	6	5.6	9.7	28.1					45.8

FILENAME: u4734\_sign designs

NORTH CAROLINA D.O.T. SIGN DETAIL

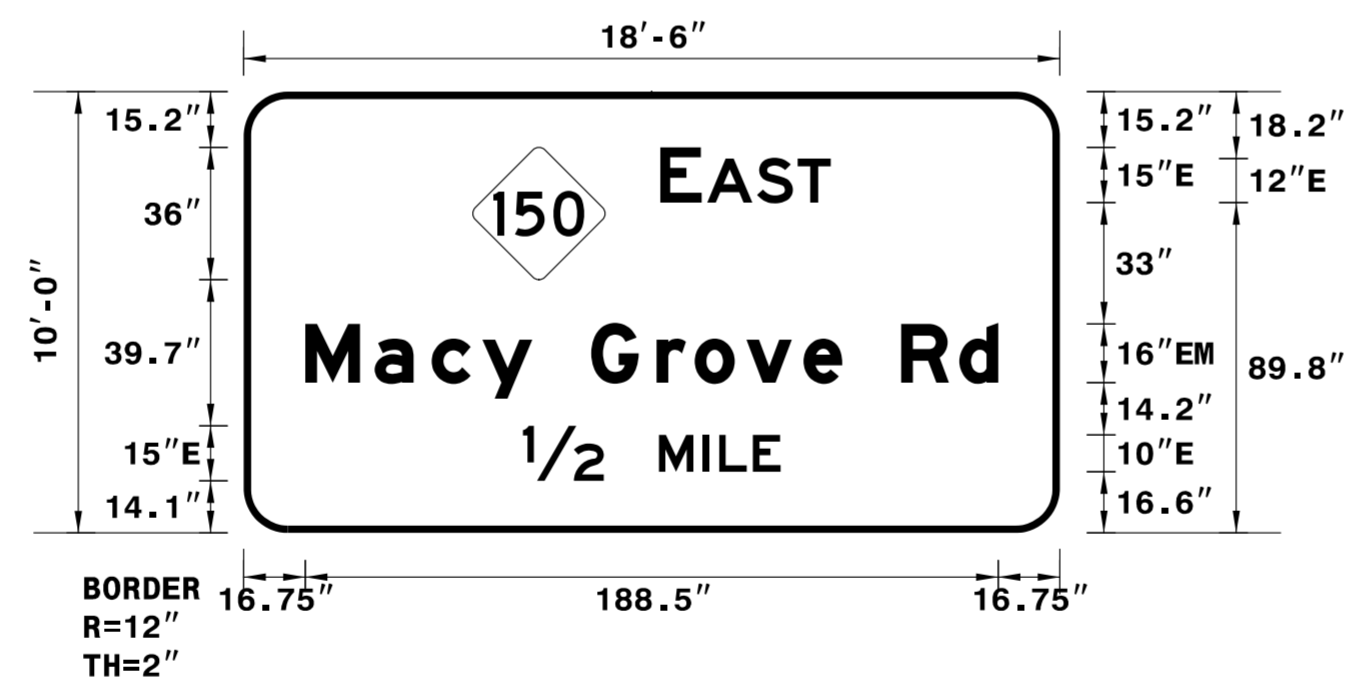
SIGN NUMBER: 103  
TYPE: A  
QUANTITY: 1  
SIGN WIDTH: 18'-6"  
HEIGHT: 10'-0"  
TOTAL AREA: 185.0 Sq.Ft.  
BORDER TYPE: FLUSH  
RECESS: 0"  
WIDTH: 2"  
RADIUS: 12"  
NO. Z BARS: 3  
LENGTH: 214.0

BACKG COLOR: Green  
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1-5-3-36-12D	62.3	68.8	36	36

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: mtr  
PROJECT ID: U-4734  
CHECKED BY:  
LOCATION:  
Jan 24, 2018  
DIV: 5



USE NOTES: 1, 2 & 3  
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		
E	A	S	T										E 2000		
113.3	11.3	1.5	13.6	11	9	62.3							46.4		
M	a	c	y	G	r	o	v	e	R	d			EM 2000		
16.8	18.9	15.5	13.8	13.6	16	17.8	10.4	14.1	15.5	10.6	16	15.8	10.6	16.8	188.5
1/2	M	I	L	E											E 2000
76	22	15	12	4.4	9.2	7.5	76								70.1

FILENAME: u4734\_sign designs

NORTH CAROLINA D.O.T. SIGN DETAIL

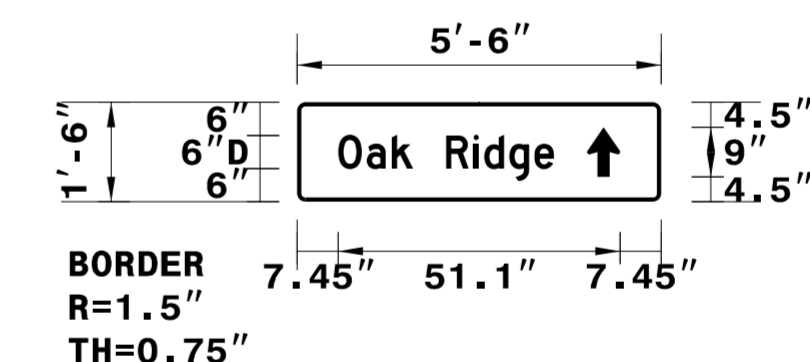
SIGN NUMBER: 301  
TYPE: D  
QUANTITY: 1  
SIGN WIDTH: 5'-6"  
HEIGHT: 1'-6"  
TOTAL AREA: 8.3 Sq.Ft.  
BORDER TYPE: FLUSH  
RECESS: 0"  
WIDTH: 0.75"  
RADIUS: 1.5"  
NO. Z BARS: 1  
LENGTH:

BACKG COLOR: Green  
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	52.6	4.5	6	9

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: mtr  
PROJECT ID: U-4734  
CHECKED BY:  
LOCATION:  
Feb 27, 2018  
DIV: 9



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.

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size
													Text Length
O	a	k	R	i	d	g	e						D 2000
7.4	5.2	4.6	3.8	6	5	1.9	4.6	4.6	3.5	19.4			39.1

FILENAME: u4734\_sign designs

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN DESIGNS - GROUND MOUNTED  
TYPE "A" & "D" SIGNS

APPROVED: *Michael T. Rzepka*  
018C348C28046D...

DATE: 4/2/2018

SEAL



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

SIGN NUMBER: 302, 304      BACKG COLOR: Green  
TYPE: D      COPY COLOR: White  
QUANTITY: 2  
SIGN WIDTH: 5'-6"  
HEIGHT: 1'-6"  
TOTAL AREA: 8.3 Sq.Ft.  
BORDER TYPE: FLUSH  
RECESS: 0"  
WIDTH: 0.75"  
RADIUS: 1.5"  
NO. Z BARS:      MAT'L: 0.125" (3.2 mm) ALUMINUM  
LENGTH:

SYMBOL	X	Y	WID	HT
AR_Type D	51.1	6	6	9

DESIGN BY: mtr      CHECKED BY:      Jan 26, 2018  
PROJECT ID: U-4734      LOCATION:      DIV: 9

BORDER R=1.5" TH=0.75"

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	
	o	a	k	R	i	d	g	e			Text Length	
	5.9	5.2	4.6	3.8	6	5	1.9	4.6	4.6	3.5	20.9	D 2000
												39.1

FILENAME: u4734\_sign designs      NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 303      BACKG COLOR: Green  
TYPE: D      COPY COLOR: White  
QUANTITY: 1  
SIGN WIDTH: 5'-6"  
HEIGHT: 1'-6"  
TOTAL AREA: 8.3 Sq.Ft.  
BORDER TYPE: FLUSH  
RECESS: 0"  
WIDTH: 1.5"  
RADIUS: 3"  
NO. Z BARS:      MAT'L: 0.125" (3.2 mm) ALUMINUM  
LENGTH:

SYMBOL	X	Y	WID	HT
AR_Type D	6	6	6	9

DESIGN BY: none      CHECKED BY:      Feb 27, 2018  
PROJECT ID: ID      LOCATION:      DIV: DIV

BORDER R=3" TH=1.5"

USE NOTES: 1 & 2  
1. Legend and border(except those that are colored black) shall be direct applied Grade B 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	
	o	a	k	R	i	d	g	e			Text Length	
	21	5.8	4.5	3.6	5	5.7	1.8	4.5	4.5	3.7	6	E 2000
												39

FILENAME: u4734\_sign designs      NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 601      BACKG COLOR: Green  
TYPE: Overlay      COPY COLOR: White  
QUANTITY: 1  
SIGN WIDTH: 7'-0"  
HEIGHT: 4'-0"  
TOTAL AREA: 30.0 Sq.Ft.  
NO. Z BARS:      MAT'L: 0.063" (1.6 mm) ALUMINUM  
LENGTH:

SYMBOL	X	Y	WID	HT
M1_4	8.7	3.3	30	24
M1-5-3-24-8D	58	3.3	24	24

DESIGN BY: mtr      CHECKED BY:      Jan 23, 2018  
PROJECT ID: U-4734      LOCATION:      DIV: 9

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.  
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
	N	O	R	T	H						Text Length
	3.8	8.1	2.1	8.6	7.4	7.4	6.5	46.3			E 2000
											40
											E 2000
	53.7	10.6	1.4	7.1	7.4	6	3.8				32.5

FILENAME: u4734\_sign designs      NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 602      BACKG COLOR: Green  
TYPE: Overlay      COPY COLOR: White  
QUANTITY: 1  
SIGN WIDTH: 7'-0"  
HEIGHT: 4'-0"  
TOTAL AREA: 28.0 Sq.Ft.  
NO. Z BARS:      MAT'L: 0.63" (1.6 mm) ALUMINUM  
LENGTH:

SYMBOL	X	Y	WID	HT
M1_4	27	3.3	30	24

DESIGN BY: mtr      CHECKED BY:      Jan 23, 2018  
PROJECT ID: U-4734      LOCATION:      DIV: 9

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.  
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
	S	O	U	T	H						Text Length
	22.1	8.1	1.5	8.6	7.8	7.4	6.5	22.1			E 2000
											39.8

FILENAME: u4734\_sign designs      NORTH CAROLINA D.O.T. SIGN DETAIL

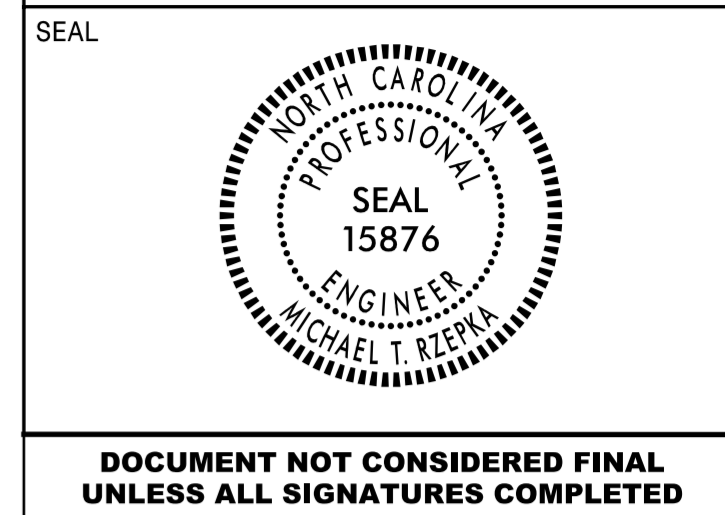
**SIGN DESIGNS - GROUND MOUNTED  
TYPE "D" & OVERLAY SIGNS**

4/2/2018 11:34:28 AM I:\Projects\Plot\4734\4734\_sign\_design\_04\_series.dgn



APPROVED: *Michael T. Rzepka*  
018C348CC28049D...

DATE: 4/2/2018



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

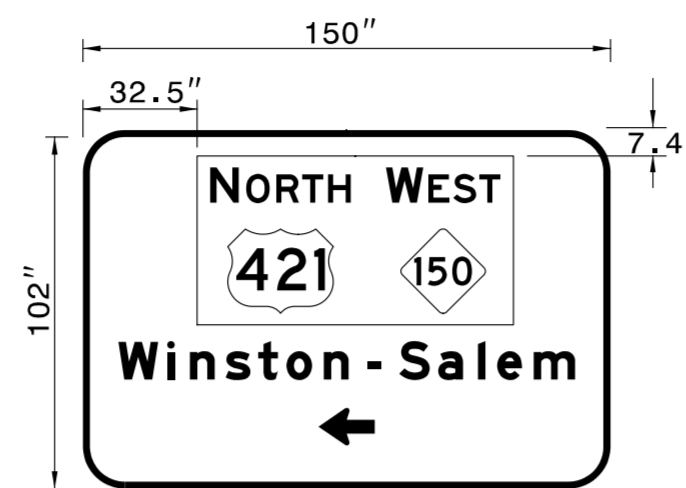
SIGN NUMBER: 603  
TYPE: Overlay  
QUANTITY: 1  
SIGN WIDTH: 7'-6"  
HEIGHT: 4'-0"  
TOTAL AREA: 30.0 Sq.Ft.

BACKG COLOR: Green  
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	8.7	3.3	30	24
M1-5-3-24-8D	58	3.3	24	24

MAT'L: 0.063" (1.6 mm) ALUMINUM

DESIGN BY: mtr  
PROJECT ID: U-4734  
CHECKED BY: LOCATION:  
Jan 23, 2018  
DIV: 9



- 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 and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size
										Text Length
	N	O	R	T	H					E 2000
3.8	8.1	2.1	8.6	7.4	7.4	6.5	46.3			40
	W	E	S	T						E 2000
53.7	10.6	1.4	7.1	7.4	6	3.8				32.5

FILENAME: u4734\_sign designs

NORTH CAROLINA D.O.T. SIGN DETAIL

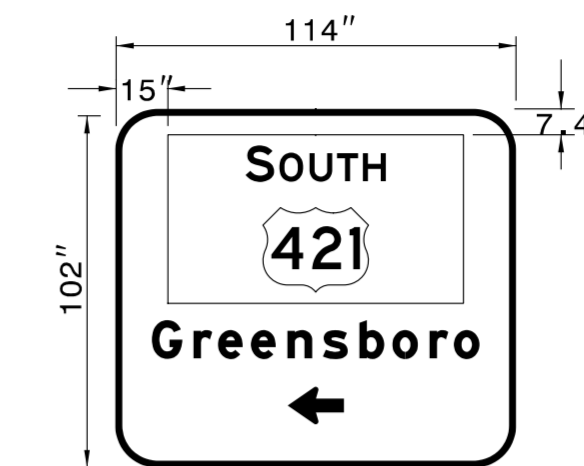
SIGN NUMBER: 604  
TYPE: Overlay  
QUANTITY: 1  
SIGN WIDTH: 7'-0"  
HEIGHT: 4'-0"  
TOTAL AREA: 28.0 Sq.Ft.

BACKG COLOR: Green  
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	27	3.3	30	24

MAT'L: 0.63" (1.6 mm) ALUMINUM

DESIGN BY: mtr  
PROJECT ID: U-4734  
CHECKED BY: LOCATION:  
Jan 23, 2018  
DIV: 9



- 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 and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size
										Text Length
	S	O	U	T	H					E 2000
22.1	8.1	1.5	8.6	7.8	7.4	6.5	22.1			39.8

FILENAME: u4734\_sign designs

NORTH CAROLINA D.O.T. SIGN DETAIL

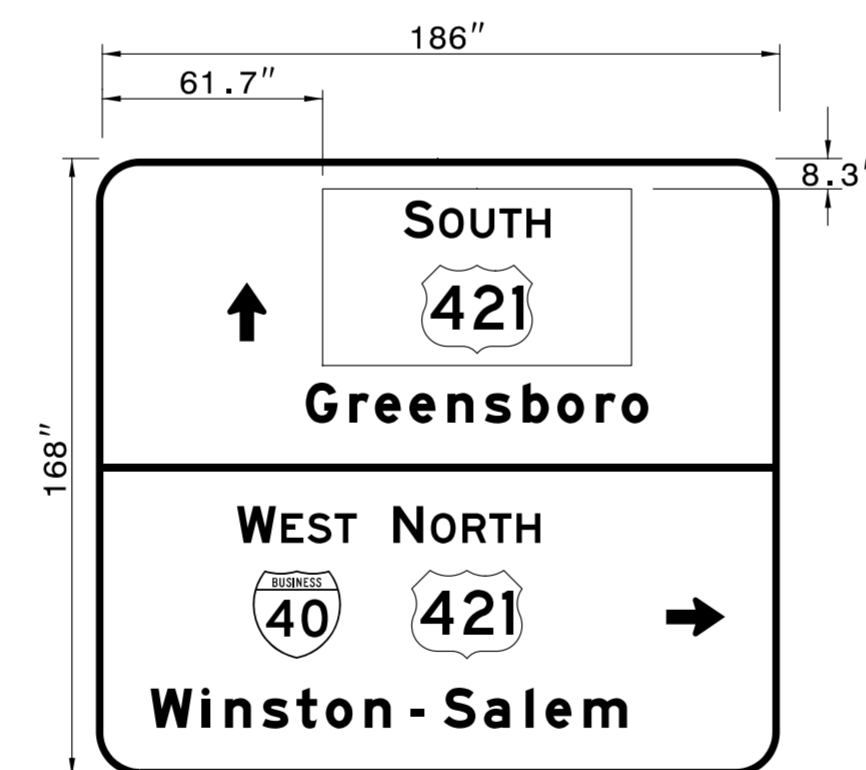
SIGN NUMBER: 605  
TYPE: Overlay  
QUANTITY: 1  
SIGN WIDTH: 7'-0"  
HEIGHT: 4'-0"  
TOTAL AREA: 28.0 Sq.Ft.

BACKG COLOR: Green  
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	27	3.3	30	24

MAT'L: 0.63" (1.6 mm) ALUMINUM

DESIGN BY: mtr  
PROJECT ID: U-4734  
CHECKED BY: LOCATION:  
Jan 23, 2018  
DIV: 9



- 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 and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size
										Text Length
	S	O	U	T	H					E 2000
22.1	8.1	1.5	8.6	7.8	7.4	6.5	22.1			39.8
	W	E	S	T						E 2000
53.7	10.6	1.4	7.1	7.4	6	3.8				32.5

FILENAME: u4734\_sign designs

NORTH CAROLINA D.O.T. SIGN DETAIL

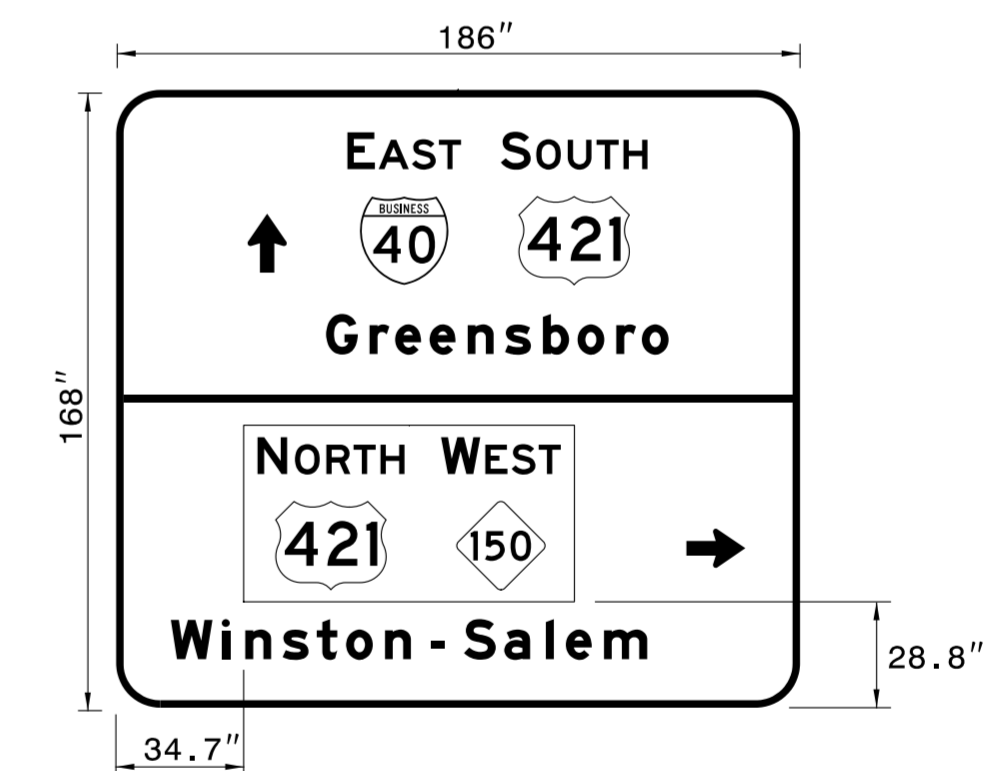
SIGN NUMBER: 606  
TYPE: Overlay  
QUANTITY: 1  
SIGN WIDTH: 7'-6"  
HEIGHT: 4'-0"  
TOTAL AREA: 30.0 Sq.Ft.

BACKG COLOR: Green  
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	8.7	3.3	30	24
M1-5-3-24-8D	58	3.3	24	24

MAT'L: 0.063" (1.6 mm) ALUMINUM

DESIGN BY: mtr  
PROJECT ID: U-4734  
CHECKED BY: LOCATION:  
Jan 23, 2018  
DIV: 9



- 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 and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size
										Text Length
	N	O	R	T	H					E 2000
3.8	8.1	2.1	8.6	7.4	7.4	6.5	46.3			40
	W	E	S	T						E 2000
53.7	10.6	1.4	7.1	7.4	6	3.8				32.5

FILENAME: u4734\_sign designs

NORTH CAROLINA D.O.T. SIGN DETAIL

**SIGN DESIGNS  
OVERLAY SIGNS**



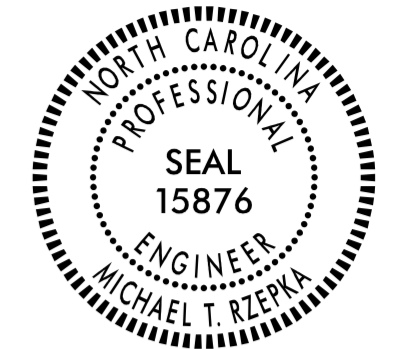
HDR Engineering, Inc. of the Carolinas  
555 Fayetteville St, Suite 900 Raleigh, N.C. 27601  
N.C.B.E.L.S. License Number: F-0116

TIP NO. U-4734 SHEET NO. SIGN-4D

APPROVED: Michael T. Rzepka  
DocuSigned by: 018C348C28048D...

DATE: 4/2/2018

SEAL



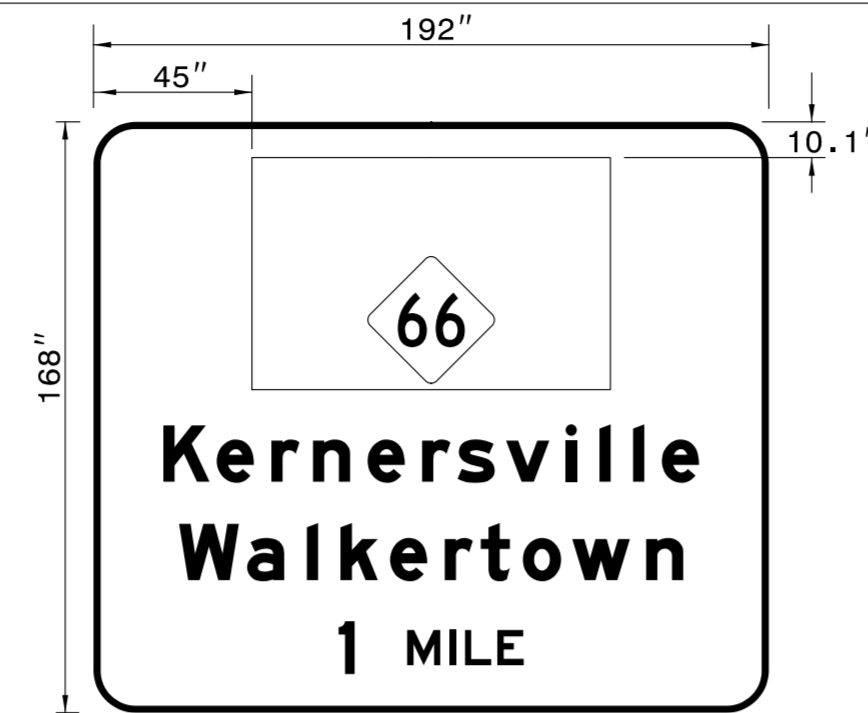
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 607	BACKG COLOR: Green	DESIGN BY: mtr	CHECKED BY:	Jan 23, 2018	
TYPE: Overlay	COPY COLOR: White	PROJECT ID: U-4734	LOCATION:	DIV: 9	
QUANTITY: 1	SYMBOL	X	Y	WID	HT
SIGN WIDTH: 8'-6"	M1-5-2-36-15C	33	1.8	36	36
HEIGHT: 5'-6"					
TOTAL AREA: 46.8 Sq.Ft.					
	MAT'L: 0.063" (1.6 mm) ALUMINUM				

**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 and demountable.

Spacing Factor is 1 unless specified otherwise



LETTER POSITIONS

Letter spacings are to start of next letter							Series/Size
							Text Length

FILENAME: u4734\_sign designs

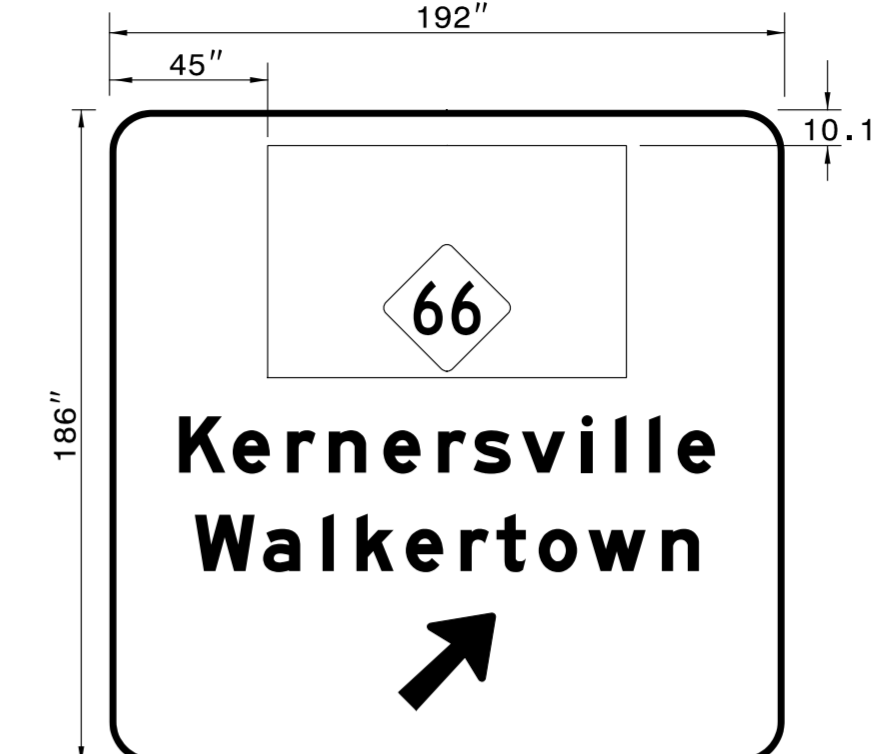
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 608	BACKG COLOR: Green	DESIGN BY: mtr	CHECKED BY:	Jan 23, 2018	
TYPE: Overlay	COPY COLOR: White	PROJECT ID: U-4734	LOCATION:	DIV: 9	
QUANTITY: 1	SYMBOL	X	Y	WID	HT
SIGN WIDTH: 8'-6"	M1-5-2-36-15C	33	1.8	36	36
HEIGHT: 5'-6"					
TOTAL AREA: 46.8 Sq.Ft.					
	MAT'L: 0.063" (1.6 mm) ALUMINUM				

**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 and demountable.

Spacing Factor is 1 unless specified otherwise



LETTER POSITIONS

Letter spacings are to start of next letter							Series/Size
							Text Length

FILENAME: u4734\_sign designs

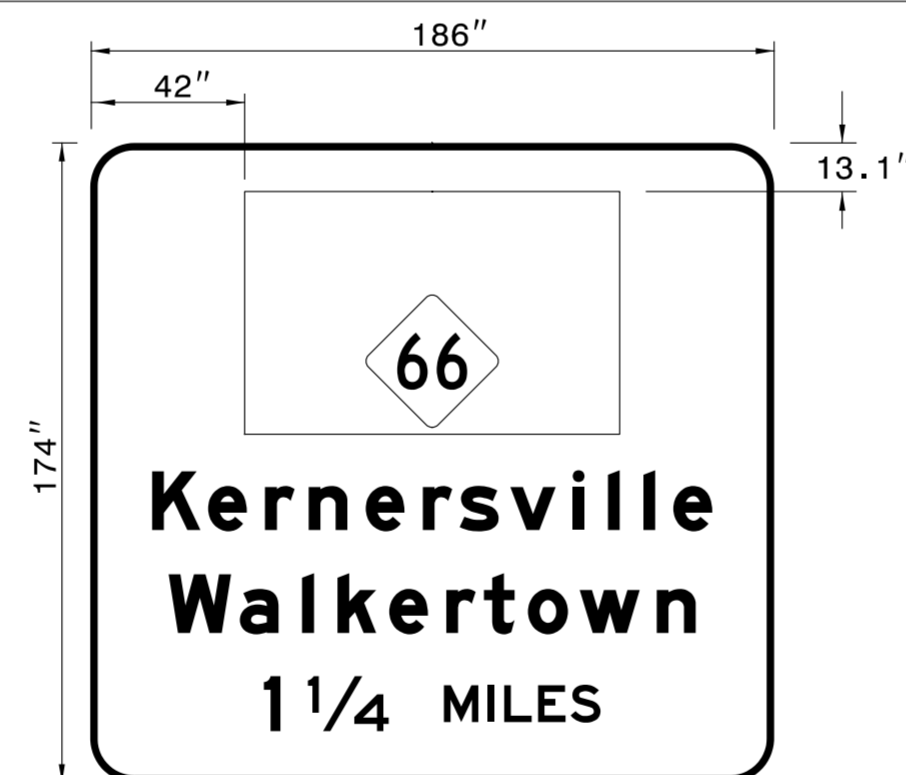
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 609	BACKG COLOR: Green	DESIGN BY: mtr	CHECKED BY:	Jan 23, 2018	
TYPE: Overlay	COPY COLOR: White	PROJECT ID: U-4734	LOCATION:	DIV: 9	
QUANTITY: 1	SYMBOL	X	Y	WID	HT
SIGN WIDTH: 8'-6"	M1-5-2-36-15C	33	1.8	36	36
HEIGHT: 5'-6"					
TOTAL AREA: 46.8 Sq.Ft.					
	MAT'L: 0.063" (1.6 mm) ALUMINUM				

**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 and demountable.

Spacing Factor is 1 unless specified otherwise



LETTER POSITIONS

Letter spacings are to start of next letter							Series/Size
							Text Length

FILENAME: u4734\_sign designs

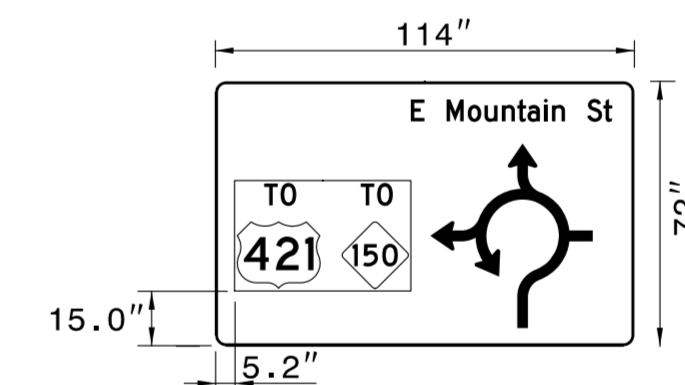
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 610	BACKG COLOR: Green	DESIGN BY: mtr	CHECKED BY:	Jan 26, 2018	
TYPE: Overlay	COPY COLOR: White	PROJECT ID: U-4734	LOCATION:	DIV: 9	
QUANTITY: 1	SYMBOL	X	Y	WID	HT
SIGN WIDTH: 4'-0"	M1_4	0.8	0.8	22.5	18
HEIGHT: 2'-6"	M1-5-3-36-12D	29.3	0.8	18	18
TOTAL AREA: 10.0 Sq.Ft.					
	MAT'L: 0.063" (1.6 mm) ALUMINUM				

**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 and demountable.

Spacing Factor is 1 unless specified otherwise



LETTER POSITIONS

Letter spacings are to start of next letter							Series/Size
							Text Length

FILENAME: u4734\_sign designs

NORTH CAROLINA D.O.T. SIGN DETAIL

4/2/2018 11:34:30 AM C:\Plot\4734\4734\_sign\_design\_04\_series.dgn

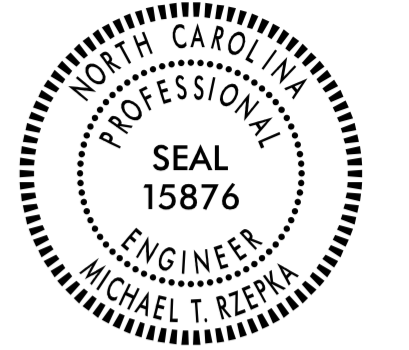
**SIGN DESIGNS  
OVERLAY SIGNS**



APPROVED: *Michael T. Rzepka*  
-018C348C28040D-

DATE: 4/2/2018

SEAL



DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 611      BACKG COLOR: Green  
TYPE: Overlay      COPY COLOR: Green

DESIGN BY: mtr      CHECKED BY:      Jan 25, 2018  
PROJECT ID: U-4734      DIV: 9

QUANTITY: 1

SYMBOL	X	Y	WID	HT
M1_4	0.8	0.8	22.5	18
M1-5-3-36-12D	29.3	0.8	18	18

SIGN WIDTH: 4'-0"  
HEIGHT: 2'-6"  
TOTAL AREA: 10.0 Sq.Ft.

MAT'L: 0.063" (1.6 mm) ALUMINUM

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 and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	8.8
D 2000	8.8

FILENAME: u4734\_sign designs      NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 801      BACKG COLOR: Green  
TYPE: Overlay      COPY COLOR: White

DESIGN BY: mtr      CHECKED BY:      Jan 23, 2018  
PROJECT ID: U-4734      LOCATION:      DIV: 9

QUANTITY: 1

SYMBOL	X	Y	WID	HT
M1-5-2-36-15C	33	1.8	36	36

SIGN WIDTH: 8'-6"  
HEIGHT: 5'-6"  
TOTAL AREA: 46.8 Sq.Ft.

MAT'L: 0.063" (1.6 mm) ALUMINUM

USE NOTES: 1 & 2

- Legend and border(except those that are colored black) shall be direct applied Grade A 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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	8.8
D 2000	8.8

FILENAME: u4734\_sign designs      NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 802      BACKG COLOR: Green  
TYPE: Overlay      COPY COLOR: White

DESIGN BY: mtr      CHECKED BY:      Jan 23, 2018  
PROJECT ID: U-4734      LOCATION:      DIV: 9

QUANTITY: 1

SYMBOL	X	Y	WID	HT
M1-5-2-36-15C	33	1.8	36	36

SIGN WIDTH: 8'-6"  
HEIGHT: 5'-6"  
TOTAL AREA: 46.8 Sq.Ft.

MAT'L: 0.063" (1.6 mm) ALUMINUM

USE NOTES: 1 & 2

- Legend and border(except those that are colored black) shall be direct applied Grade A 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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	59.8

FILENAME: u4734\_sign designs      NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 803      BACKG COLOR: Green  
TYPE: Overlay      COPY COLOR: White

DESIGN BY: mtr      CHECKED BY:      Jan 25, 2018  
PROJECT ID: U-4734      LOCATION:      DIV: 9

QUANTITY: 1

SYMBOL	X	Y	WID	HT
M1_4	40.5	1.8	45	36

SIGN WIDTH: 10'-6"  
HEIGHT: 5'-6"  
TOTAL AREA: 57.8 Sq.Ft.

MAT'L: 0.063" (1.6 mm) ALUMINUM

USE NOTES: 1 & 2

- Legend and border(except those that are colored black) shall be direct applied Grade A 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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	59.8

FILENAME: u4734\_sign designs      NORTH CAROLINA D.O.T. SIGN DETAIL

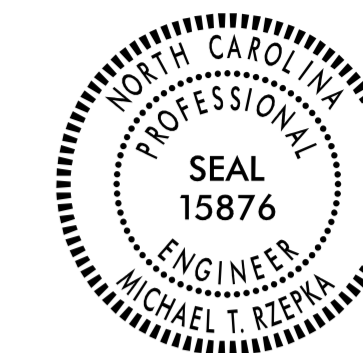
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SIGN DESIGNS  
OVERLAY SIGNS

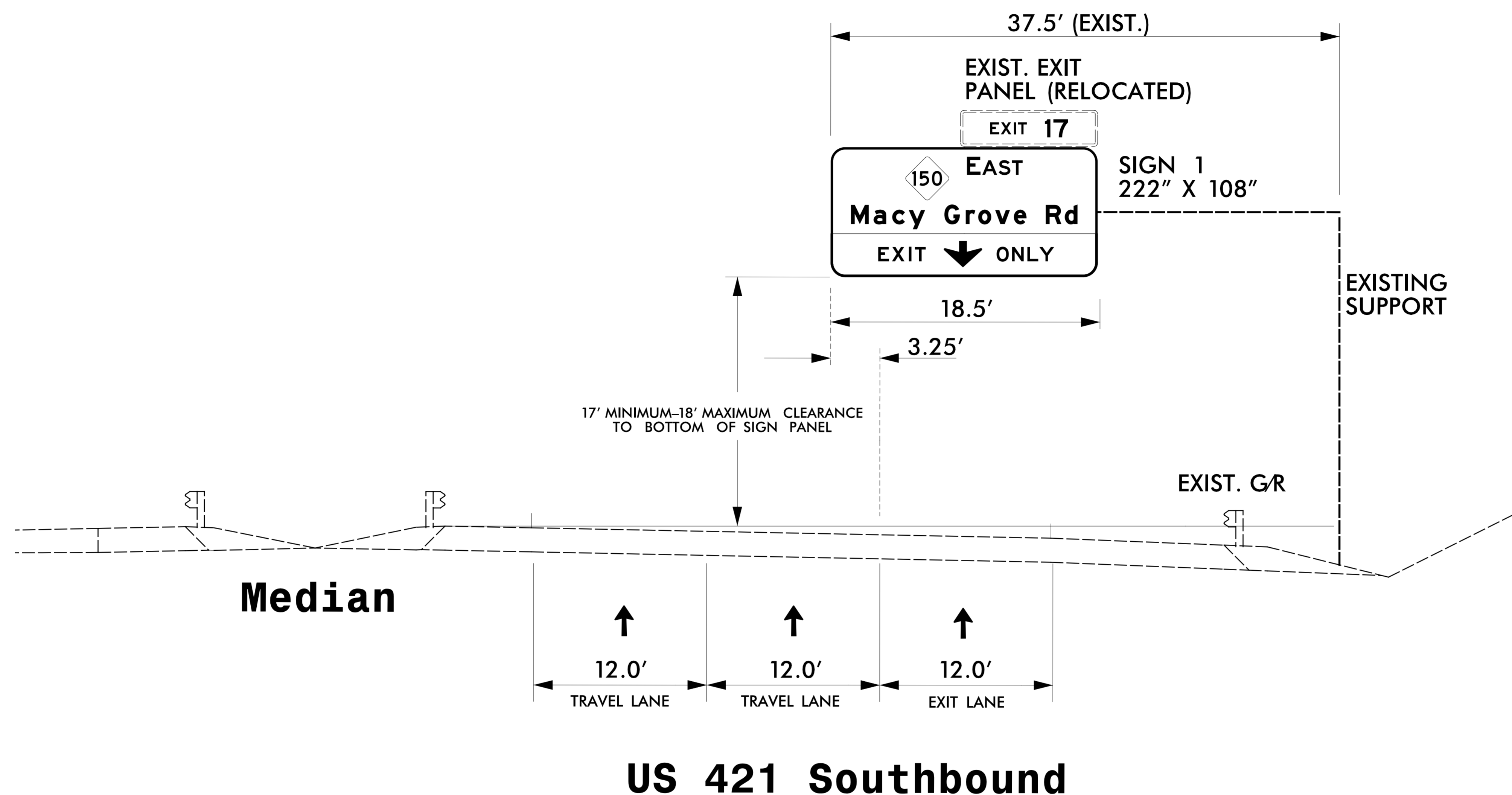
APPROVED: *Michael T. Rzepka*  
DocuSigned by:  
 Michael T. Rzepka  
 018C3480C29046D

DATE: 4/2/2018

SEAL



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 UNLESS ALL SIGNATURES COMPLETED



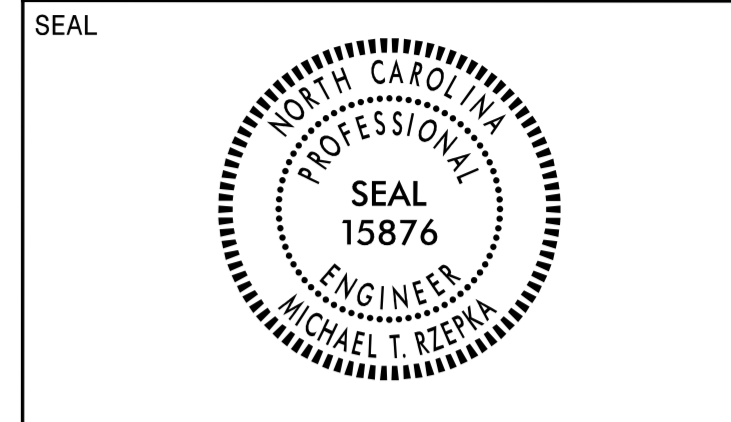
NOTES:

1. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
2. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
3. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

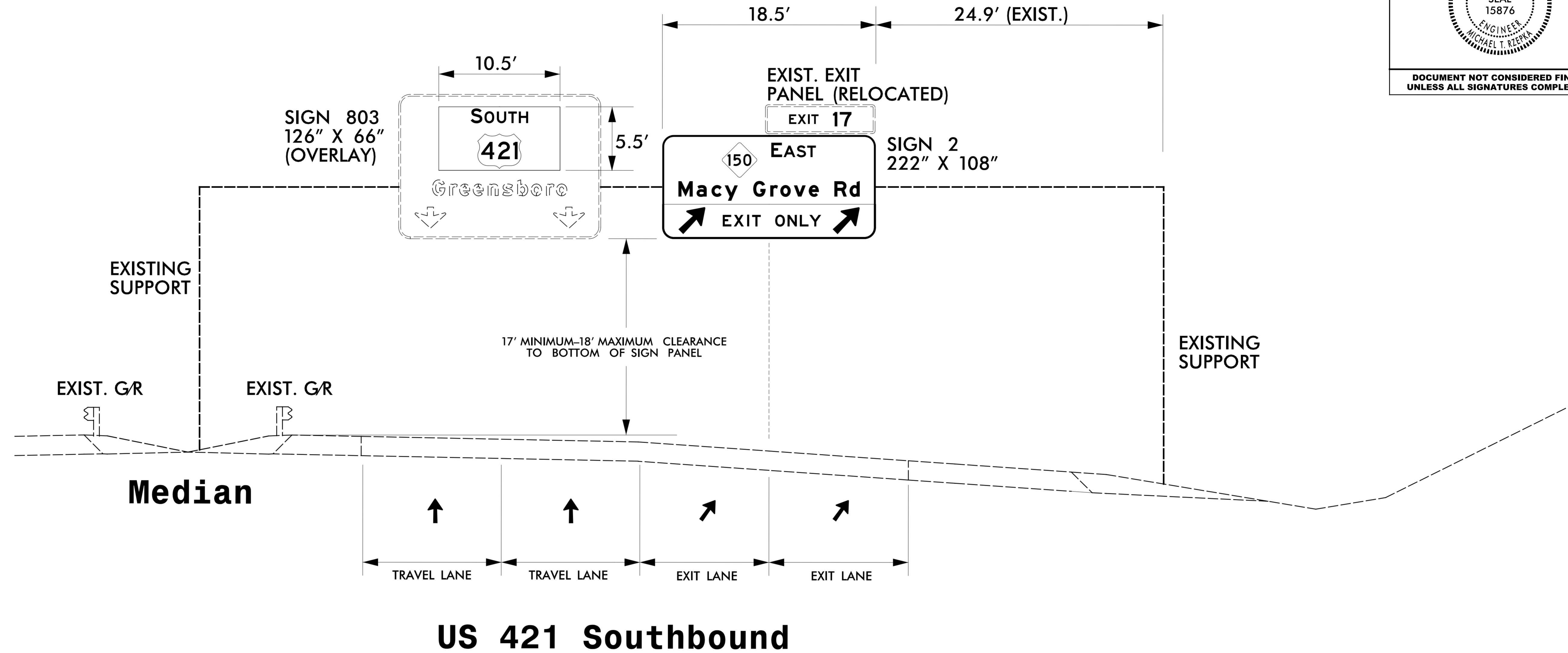
4/2/2018 11:34:32 AM C:\Plot\4734\4734-sign.sld.dwg

**EXISTING OVERHEAD  
 SIGN ASSEMBLY "A"**

APPROVED: *Michael T. Rzepka*  
DocuSigned by:  
Michael T. Rzepka  
018C348C26949D  
 DATE: 4/2/2018



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 UNLESS ALL SIGNATURES COMPLETED



**US 421 Southbound**

- NOTES:
1. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
  2. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
  3. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

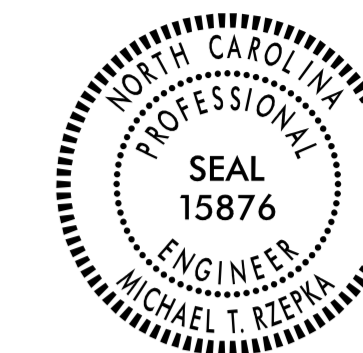
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**EXISTING OVERHEAD  
 SIGN ASSEMBLY "B"**

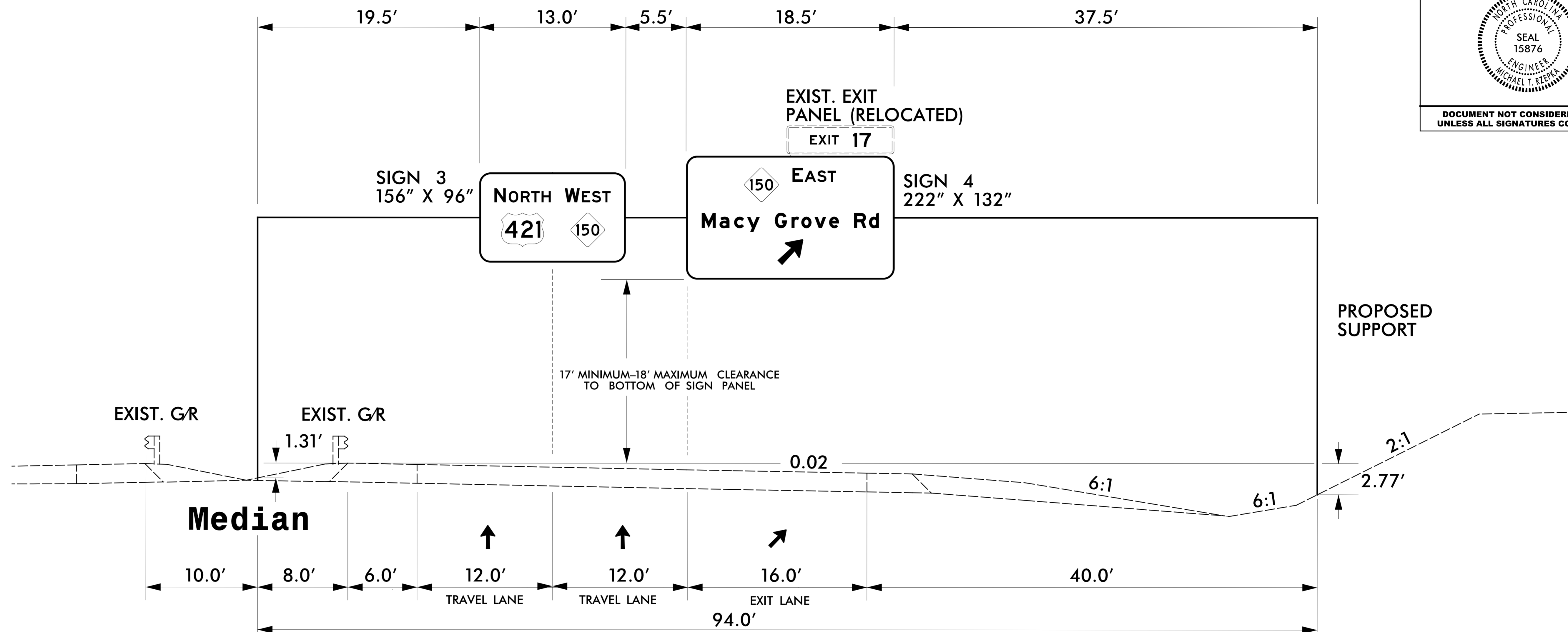
APPROVED: *Michael T. Rzepka*  
018C3480C28049D

DATE: 4/2/2018

SEAL



DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



### US 421 Northbound

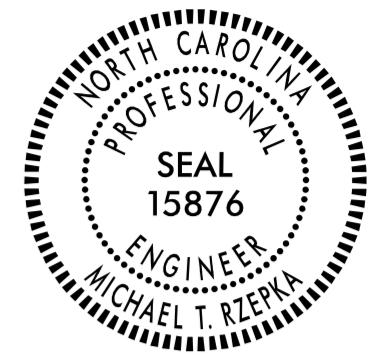
NOTES:

- IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
- MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
- 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.
- 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.
- SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
- DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

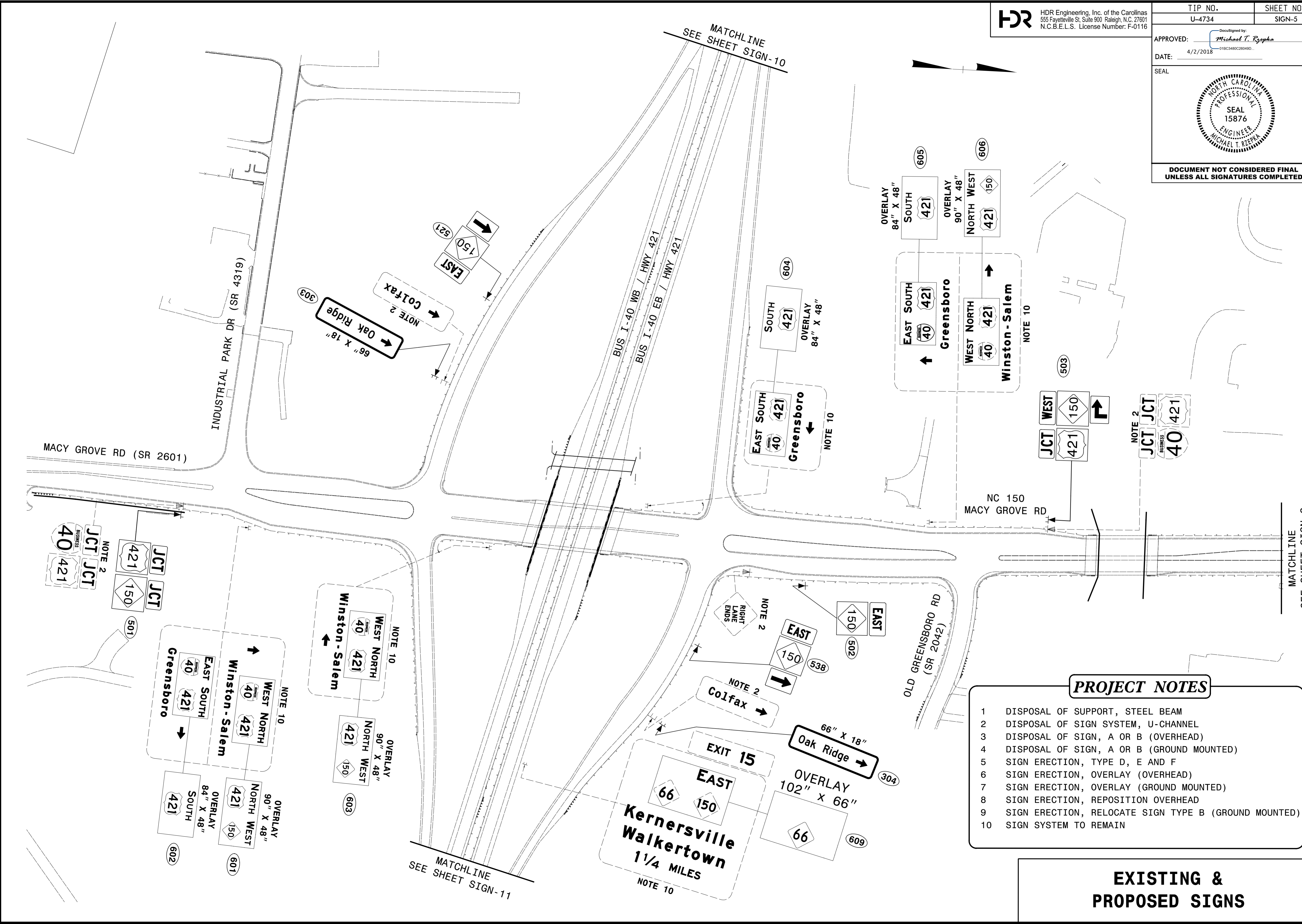
**PROPOSED OVERHEAD  
SIGN ASSEMBLY "C"**

4/2/2018 11:34:33 AM C:\Plot\U4734\U4734-sign.sld.04h.dgn

APPROVED: *Michael T. Rzepka*  
DATE: 4/2/2018



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UNLESS ALL SIGNATURES COMPLETED



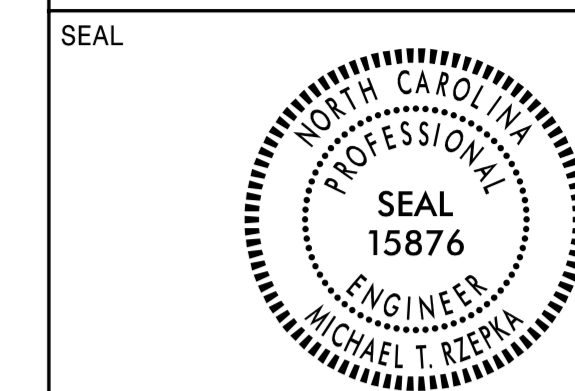
**PROJECT NOTES**

- 1 DISPOSAL OF SUPPORT, STEEL BEAM
- 2 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 3 DISPOSAL OF SIGN, A OR B (OVERHEAD)
- 4 DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
- 5 SIGN ERECTION, TYPE D, E AND F
- 6 SIGN ERECTION, OVERLAY (OVERHEAD)
- 7 SIGN ERECTION, OVERLAY (GROUND MOUNTED)
- 8 SIGN ERECTION, REPOSITION OVERHEAD
- 9 SIGN ERECTION, RELOCATE SIGN TYPE B (GROUND MOUNTED)
- 10 SIGN SYSTEM TO REMAIN

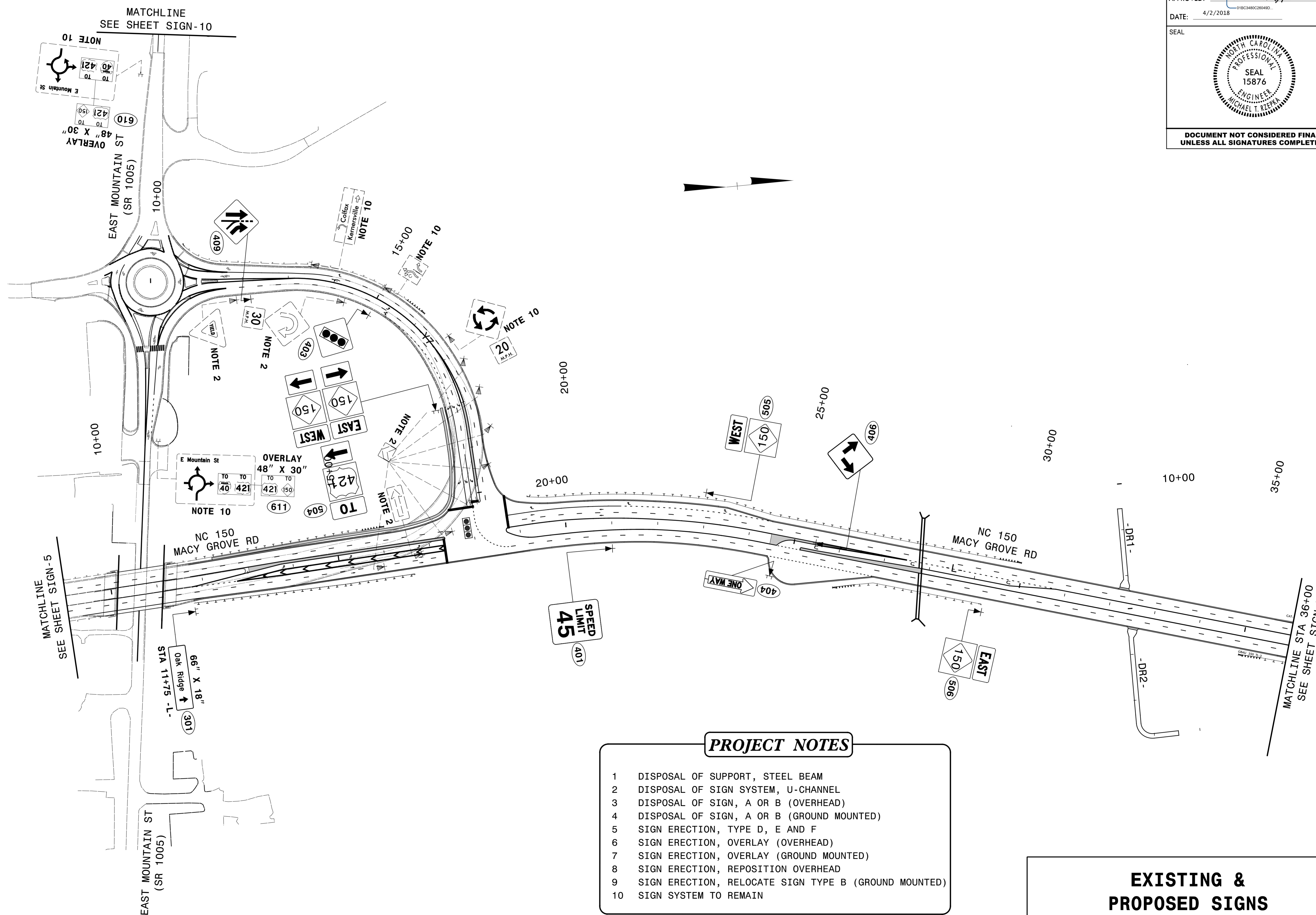
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APPROVED: *Michael T. Rzepka*  
DATE: 4/2/2018



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**PROJECT NOTES**

- 1 DISPOSAL OF SUPPORT, STEEL BEAM
- 2 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 3 DISPOSAL OF SIGN, A OR B (OVERHEAD)
- 4 DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
- 5 SIGN ERECTION, TYPE D, E AND F
- 6 SIGN ERECTION, OVERLAY (OVERHEAD)
- 7 SIGN ERECTION, OVERLAY (GROUND MOUNTED)
- 8 SIGN ERECTION, REPOSITION OVERHEAD
- 9 SIGN ERECTION, RELOCATE SIGN TYPE B (GROUND MOUNTED)
- 10 SIGN SYSTEM TO REMAIN

**EXISTING & PROPOSED SIGNS**

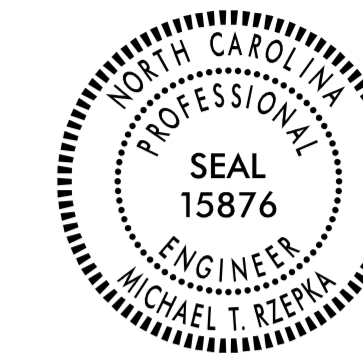
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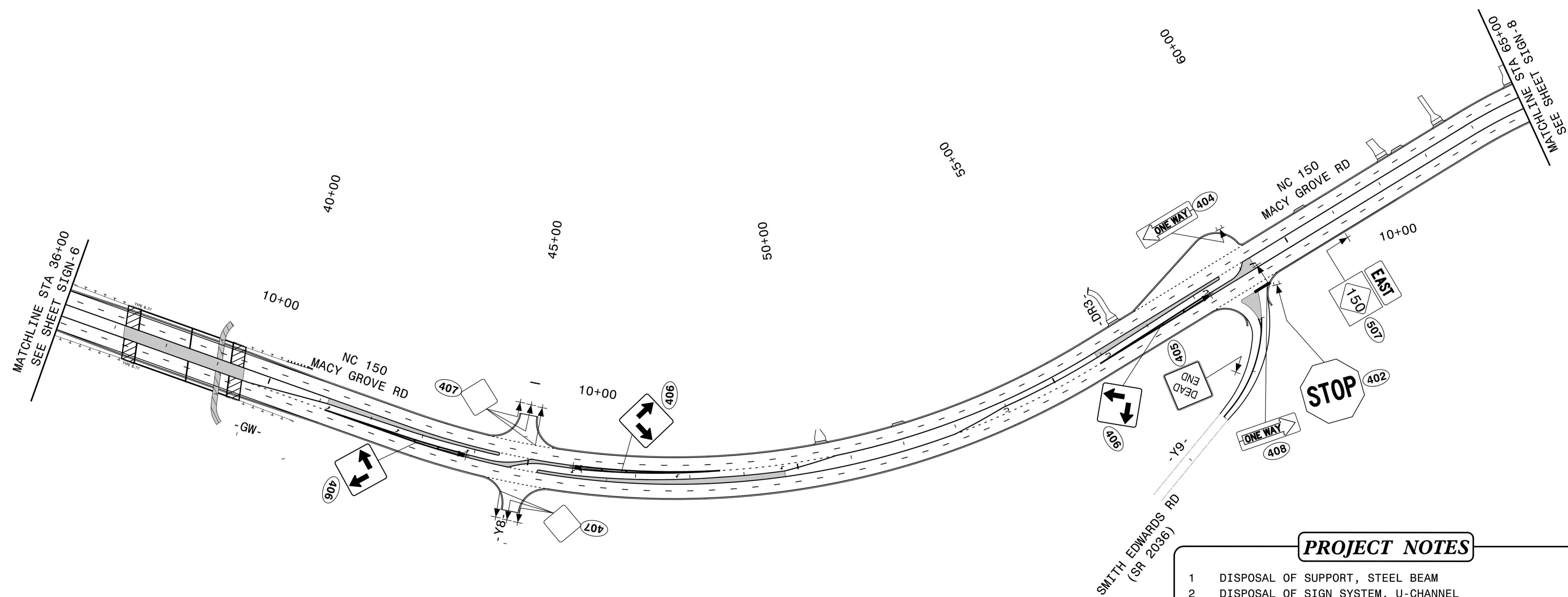
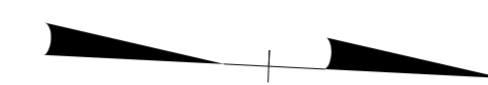
APPROVED: *Michael T. Rzepka*  
DocuSigned by:  
 Michael T. Rzepka  
 918C3480C28046D...

DATE: 4/2/2018

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 UNLESS ALL SIGNATURES COMPLETED**



**PROJECT NOTES**

- 1 DISPOSAL OF SUPPORT, STEEL BEAM
- 2 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 3 DISPOSAL OF SIGN, A OR B (OVERHEAD)
- 4 DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
- 5 SIGN ERECTION, TYPE D, E AND F
- 6 SIGN ERECTION, OVERLAY (OVERHEAD)
- 7 SIGN ERECTION, OVERLAY (GROUND MOUNTED)
- 8 SIGN ERECTION, REPOSITION OVERHEAD
- 9 SIGN ERECTION, RELOCATE SIGN TYPE B (GROUND MOUNTED)
- 10 SIGN SYSTEM TO REMAIN

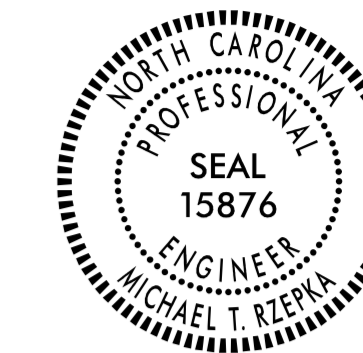
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 PROPOSED SIGNS**

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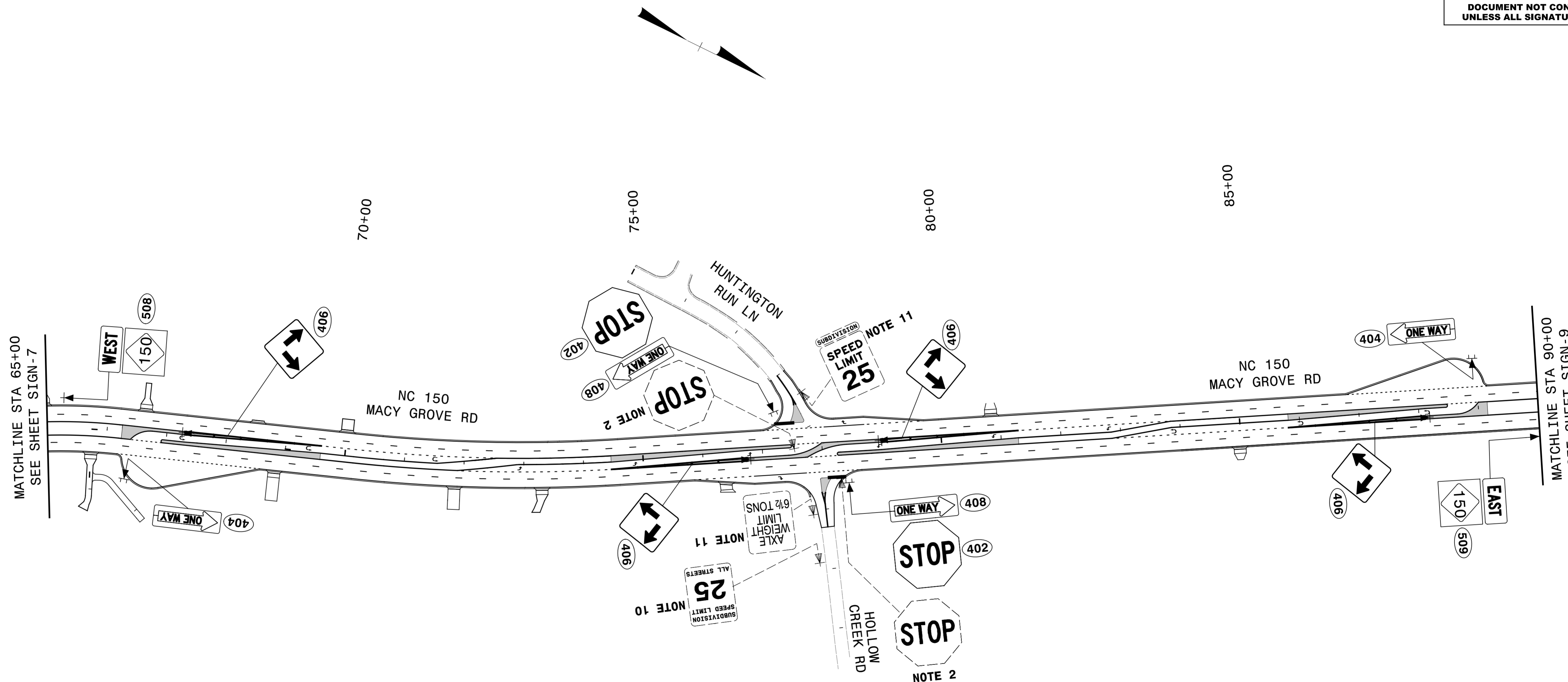
APPROVED: *Michael T. Rzepka*  
018C3480C26049D

DATE: 4/2/2018

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**PROJECT NOTES**

- 1 DISPOSAL OF SUPPORT, STEEL BEAM
- 2 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 3 DISPOSAL OF SIGN, A OR B (OVERHEAD)
- 4 DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
- 5 SIGN ERECTION, TYPE D, E AND F
- 6 SIGN ERECTION, OVERLAY (OVERHEAD)
- 7 SIGN ERECTION, OVERLAY (GROUND MOUNTED)
- 8 SIGN ERECTION, REPOSITION OVERHEAD
- 9 SIGN ERECTION, RELOCATE SIGN TYPE B (GROUND MOUNTED)
- 10 SIGN SYSTEM TO REMAIN
- 11 SIGN REMOVED/REPLACED BY OTHERS

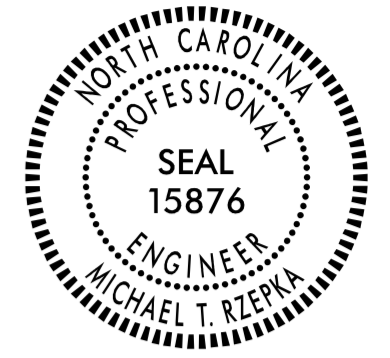
**EXISTING & PROPOSED SIGNS**

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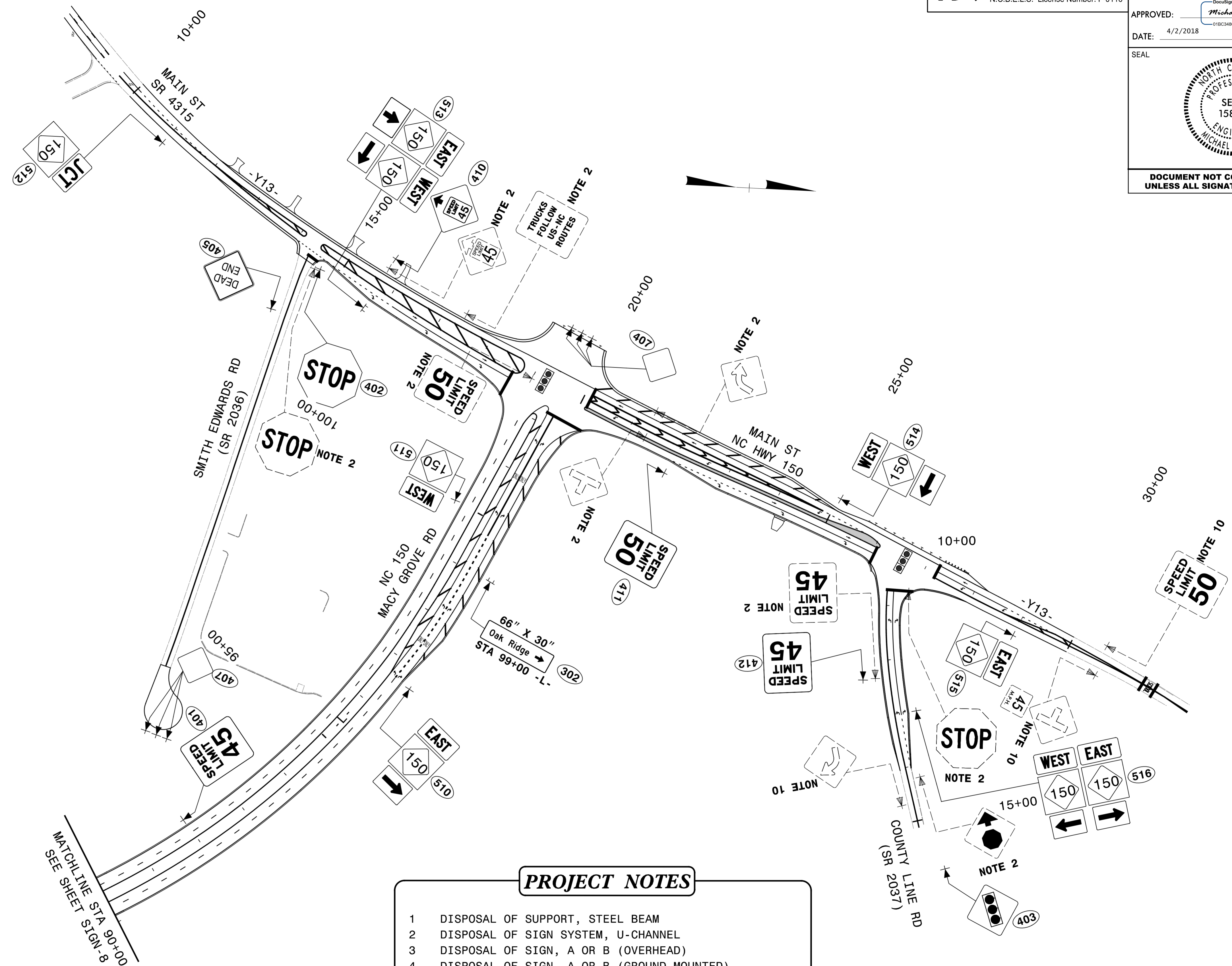
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018C348C28649D...

DATE: 4/2/2018

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**PROJECT NOTES**

- 1 DISPOSAL OF SUPPORT, STEEL BEAM
- 2 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 3 DISPOSAL OF SIGN, A OR B (OVERHEAD)
- 4 DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
- 5 SIGN ERECTION, TYPE D, E AND F
- 6 SIGN ERECTION, OVERLAY (OVERHEAD)
- 7 SIGN ERECTION, OVERLAY (GROUND MOUNTED)
- 8 SIGN ERECTION, REPOSITION OVERHEAD
- 9 SIGN ERECTION, RELOCATE SIGN TYPE B (GROUND MOUNTED)
- 10 SIGN SYSTEM TO REMAIN

**EXISTING & PROPOSED SIGNS**

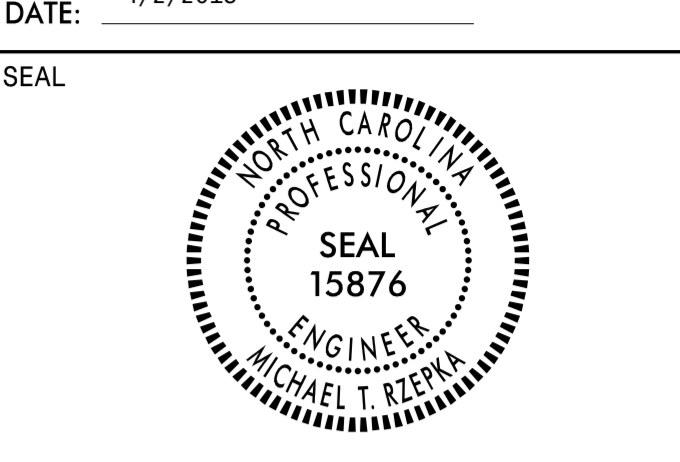
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HDR Engineering, Inc. of the Carolinas  
555 Fayetteville St., Suite 900 Raleigh, N.C. 27601  
N.C.B.E.L.S. License Number: F-0116

TIP NO. U-4734 SHEET NO. SIGN-10

APPROVED: *Michael T. Rzepka*  
DATE: 4/2/2018



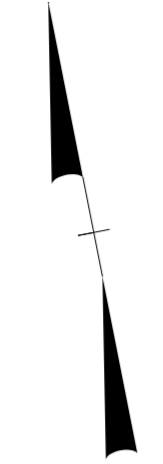
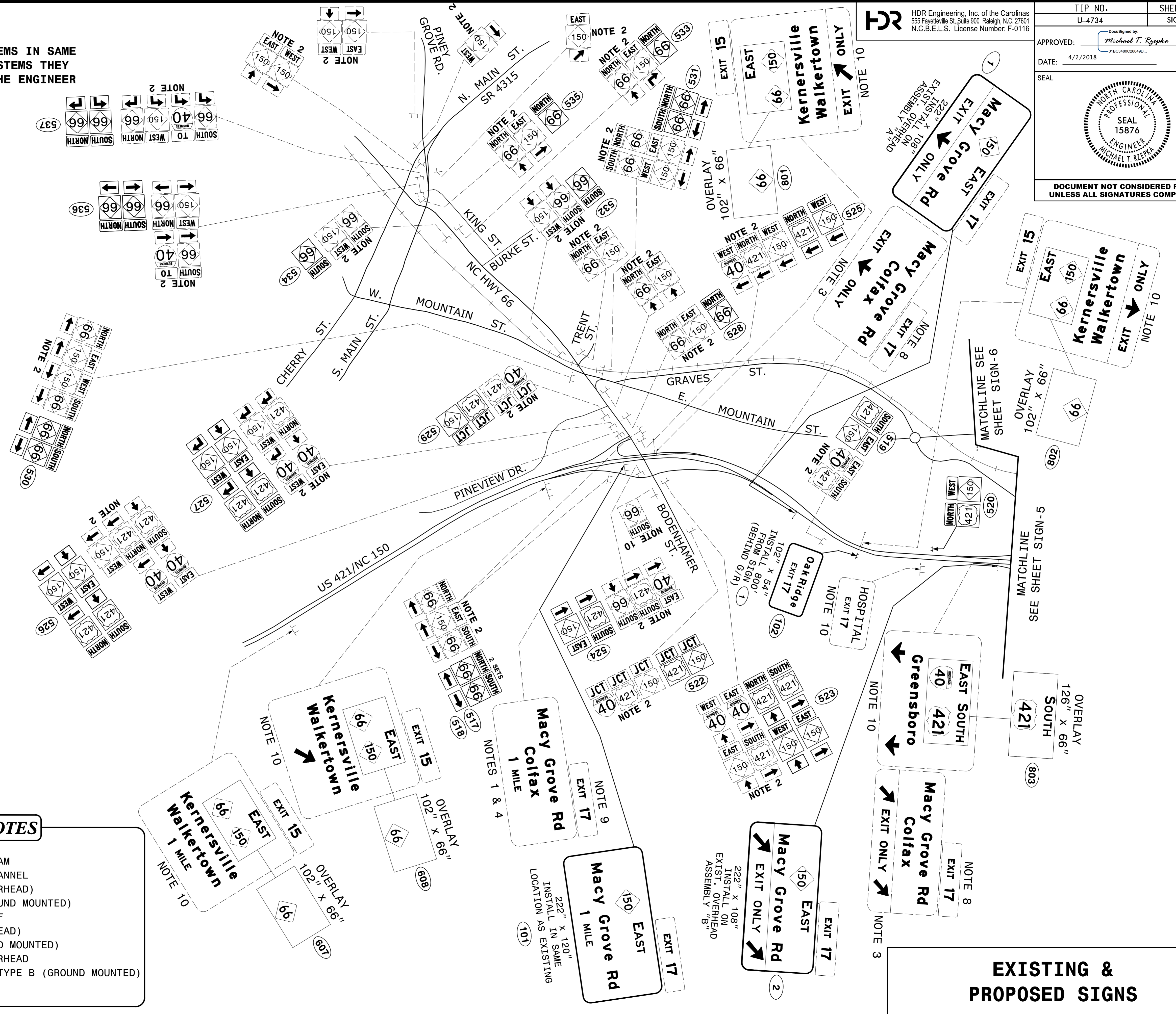
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

**NOTE:**

- PLACE PROPOSED "F" SIGN SYSTEMS IN SAME LOCATION AS EXISTING SIGN SYSTEMS THEY REPLACE, OR AS DIRECTED BY THE ENGINEER

- PROJECT NOTES**
- DISPOSAL OF SUPPORT, STEEL BEAM
  - DISPOSAL OF SIGN SYSTEM, U-CHANNEL
  - DISPOSAL OF SIGN, A OR B (OVERHEAD)
  - DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
  - SIGN ERECTION, TYPE D, E AND F
  - SIGN ERECTION, OVERLAY (OVERHEAD)
  - SIGN ERECTION, OVERLAY (GROUND MOUNTED)
  - SIGN ERECTION, REPOSITION OVERHEAD
  - SIGN ERECTION, RELOCATE SIGN TYPE B (GROUND MOUNTED)
  - SIGN SYSTEM TO REMAIN

**EXISTING & PROPOSED SIGNS**

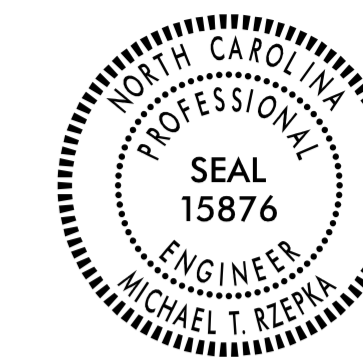


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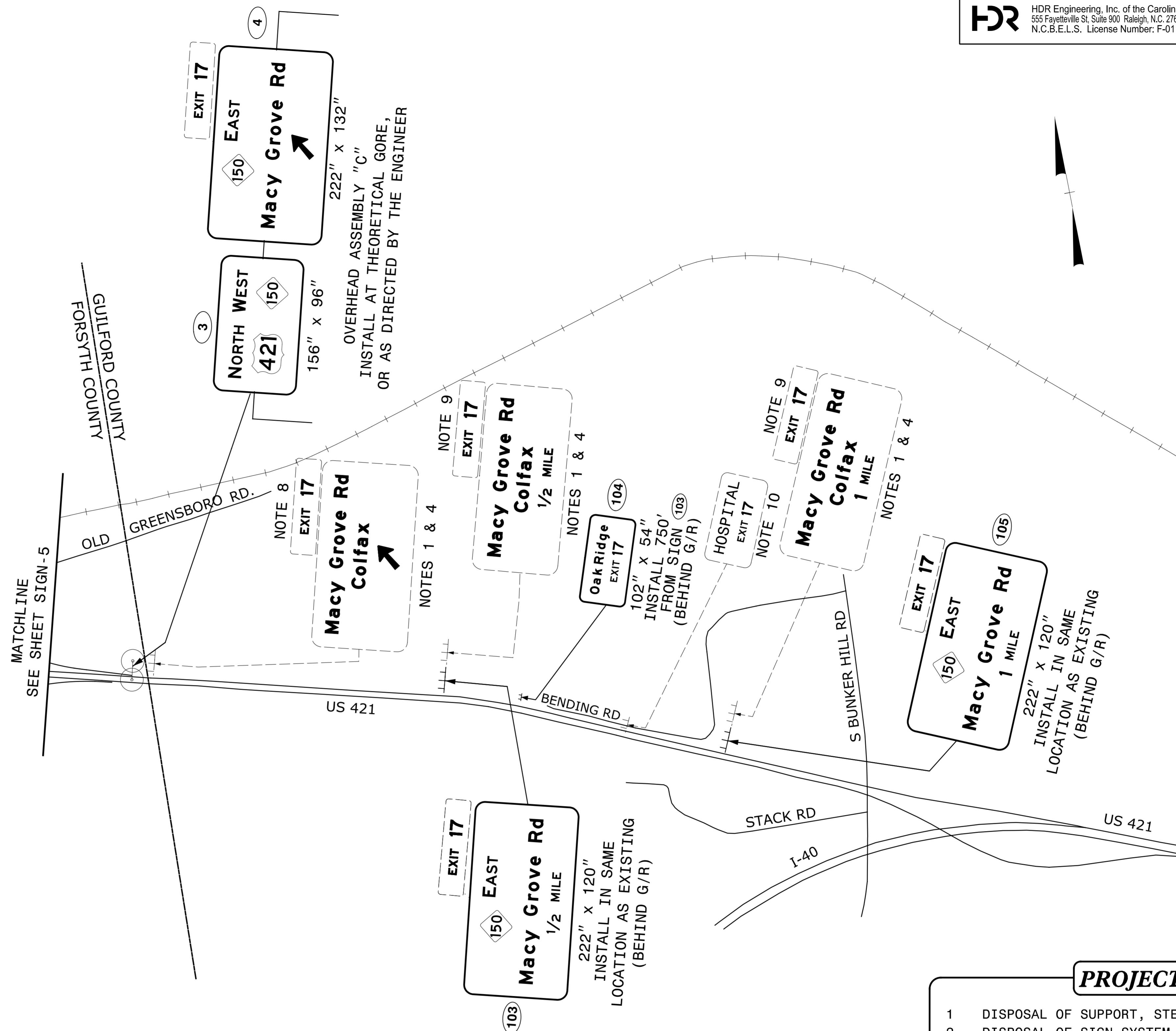
APPROVED: *Michael T. Rzepka*  
DocuSigned by:  
Michael T. Rzepka  
01BC3480C28046D...

DATE: 4/2/2018

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DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



**PROJECT NOTES**

- 1 DISPOSAL OF SUPPORT, STEEL BEAM
- 2 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 3 DISPOSAL OF SIGN, A OR B (OVERHEAD)
- 4 DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
- 5 SIGN ERECTION, TYPE D, E AND F
- 6 SIGN ERECTION, OVERLAY (OVERHEAD)
- 7 SIGN ERECTION, OVERLAY (GROUND MOUNTED)
- 8 SIGN ERECTION, REPOSITION OVERHEAD
- 9 SIGN ERECTION, RELOCATE SIGN TYPE B (GROUND MOUNTED)
- 10 SIGN SYSTEM TO REMAIN

**EXISTING & PROPOSED SIGNS**