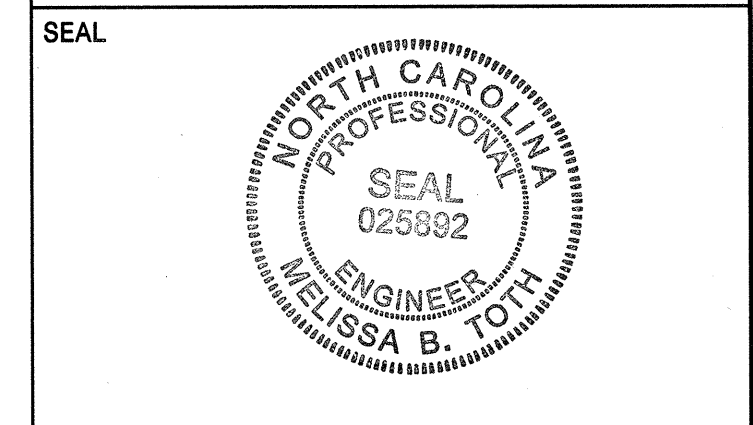


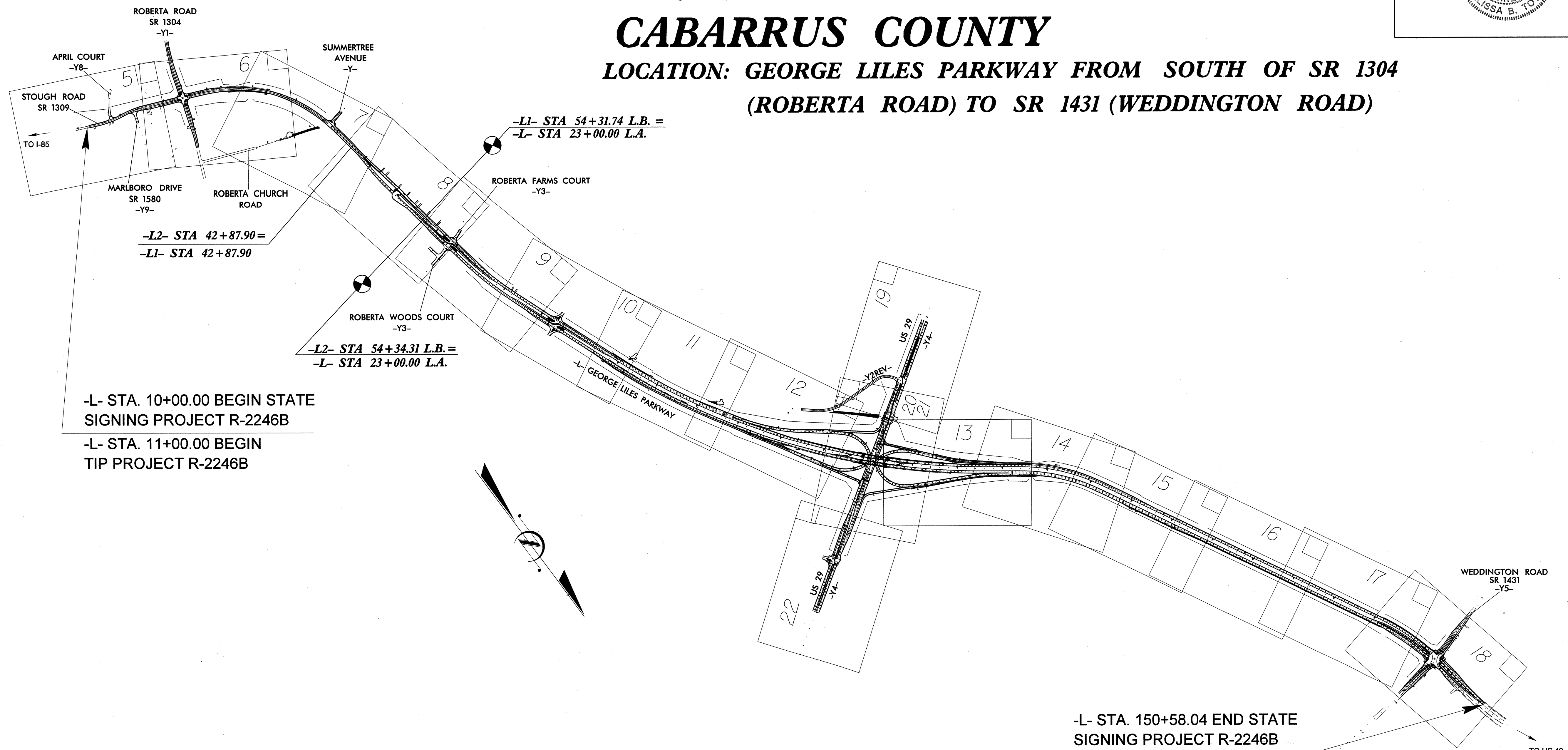
APPROVED: *Melissa B. Toth*
 DATE: 01/04/2013



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
CABARRUS COUNTY

LOCATION: GEORGE LILES PARKWAY FROM SOUTH OF SR 1304
 (ROBERTA ROAD) TO SR 1431 (WEDDINGTON ROAD)



-L- STA. 10+00.00 BEGIN STATE
 SIGNING PROJECT R-2246B
 -L- STA. 11+00.00 BEGIN
 TIP PROJECT R-2246B

-L- STA. 150+58.04 END STATE
 SIGNING PROJECT R-2246B
 -L- STA. 150+58.04 END
 TIP PROJECT R-2246B

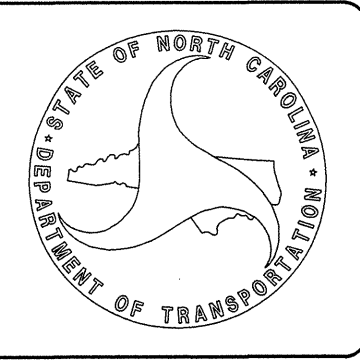
T.I.P.: R-2246B

CONTRACT: 203093

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 AT RAL20A14307B
 12054

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

KELVIN JORDAN SIGNING & DELINEATION REGIONAL ENGINEER
 BOBBY NAVARRETE SIGNING & DELINEATION PROJECT DESIGN ENGINEER



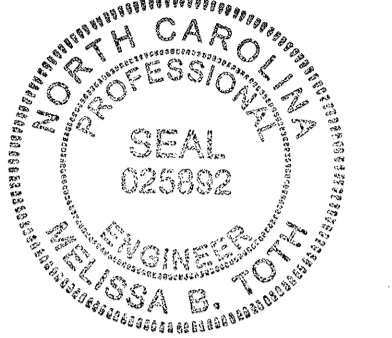
PLAN PREPARED BY:

ATKINS 1616 EAST MILLBROOK ROAD, SUITE 310
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEE #F-0326

MELISSA TOTH, PE SIGNING PROJECT ENGINEER
 ABRAHAM WILES SIGNING DESIGN TECHNICIAN

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2	NOTES
SIGN-2A & 2B	SUPPORT INFORMATION
SIGN-3	E AND F SHEETS
SIGN-4A-4M	SIGN DESIGNS AND OVERHEAD DETAILS
SIGN-5-22	SIGNING PLAN SHEETS

TIP NO.	SHEET NO.
R-2246B	SIGN-2
APPROVED: <i>Melissa Brote</i>	
DATE: <i>1-23-2013</i>	
SEAL	
	

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:

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
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

PAY ITEM NOTES

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

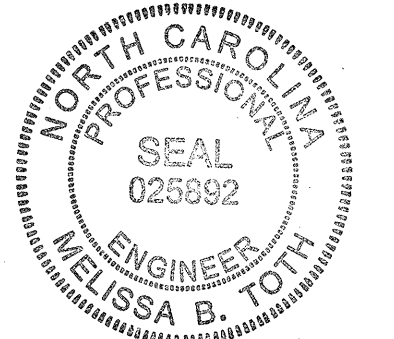
SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4048000000	902	REINFORCED CONCRETE SIGN FOUNDATION	7	CY
4054000000	902	PLAIN CONCRETE FOOTING	2	CY
4057000000	SP	OVERHEAD FOOTING	120	CY
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM	7750	LB
4066000000	903	SUPPORTS, SIMPLE STEEL BEAM	0	LB
4072000000	903	SUPPORTS, 3-LB STEEL U-CHANNEL	2119	LF
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE @ STA. 67+05 -L-	1	LS
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE @ STA. 22+50 -RPC-	1	LS
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE @ STA. 26+80 -Y4-	1	LS
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE @ STA. 17+30 -Y4-	1	LS
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE @ STA. 20+50 -RPA-	1	LS
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE @ STA. 93+50 -L-	1	LS
4096000000	904	SIGN ERECTION, TYPE D	7	EA
4102000000	904	SIGN ERECTION, TYPE E	122	EA
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	8	EA
4110000000	904	SIGN ERECTION, TYPE B (GROUND MOUNTED)	4	EA
4116100000	904	SIGN ERECTION, RELOCATE, TYPE E (GROUND MOUNTED)	1	EA
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	69	EA

GENERAL NOTES

- SIGNS FURNISHED BY STATE
- 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.

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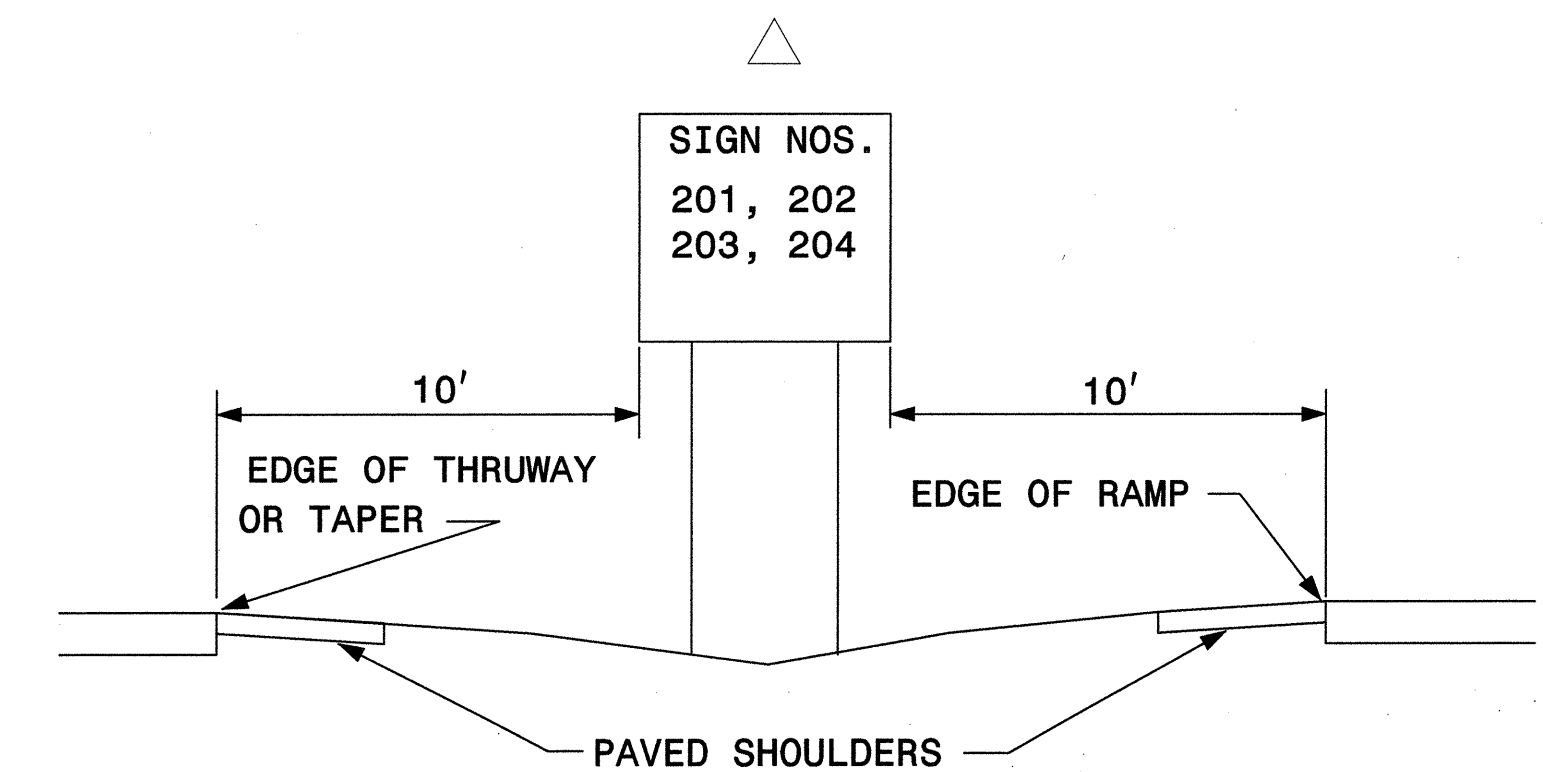
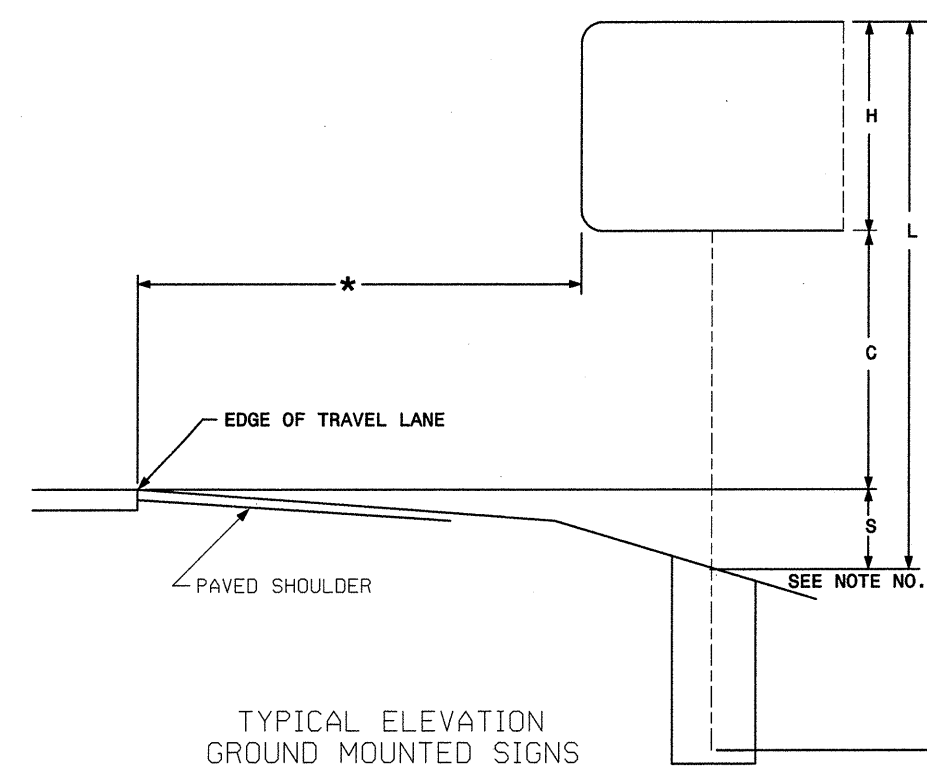
PROJ. REFERENCE NO.	SHEET NO.
R-2246B	SIGN-2A
APPROVED: <i>Melissa B. Toth</i>	DATE: 01/04/13
SEAL	
	

SIGN NO.	SIGN TYPE	SIGN SIZE (in.)			ROADWAY STATION	NO. OF SUP.	BEAM SECTION	SUPPORT TYPE BA or S	ATTACH METHOD	MOUNTING METHOD	HORIZ CLR. (ft.)	LENGTH (ft)			LEFT SUPPORT (ft)			CENTER SUPPORT (ft)			RIGHT SUPPORT (ft)			FOOTING DIAMETER (ft.)	FOOTING DEPTH (ft.)	B/A SUPPORT WEIGHTS (lbs.)	SIMPLE SUPPORT WEIGHTS (lbs.)	REINF. FTGS. (c.y.)	PLAIN FTGS. (c.y.)	FIELD VERIFIED SEE NOTE 2 (mm/dd/yy)												
		w	x	h								SNS HT	MTG HT	EMBEDMENT	S	L	TOTAL LENGTH	S	L	TOTAL LENGTH	S	L	TOTAL LENGTH																			
101	A	216	X	120	45+30	2	V6x16	BA	N/A	N/A	30.00	10.00	7.00	6	0.80	17.80	23.80	0.00	0.00	0.00	1.13	18.13	24.13	1.5	6.5	899.38	0.00	0.85	0.00													
102	A	210	X	120	43+70	2	V8x21	BA	N/A	N/A	30.00	10.00	9.33	6	-2.33	17.00	23.00	0.00	0.00	0.00	2.47	21.80	27.80	2	6.5	1252.42	0.00	1.51	0.00													
103	A	210	X	120	116+60	2	V10x26	BA	N/A	N/A	30.00	10.00	7.00	6	5.56	22.56	28.56	0.00	0.00	0.00	6.77	23.77	29.77	2.5	6.5	1804.72	0.00	2.36	0.00													
104	A	216	X	120	144+00	2	V6x16	BA	N/A	N/A	30.00	10.00	7.61	6	-0.61	17.00	23.00	0.00	0.00	0.00	-0.08	17.53	23.53	1.5	6.5	876.93	0.00	0.85	0.00													
105	B	108	X	48	145+50	2	S4x7.7	BA	N/A	N/A	30.00	4.00	7.36	4	3.14	14.50	18.50	0.00	0.00	0.00	-0.36	11.00	15.00	1	4.5	298.56	0.00	0.00	0.26													
106	B	108	X	48	153+70	2	V6x16	BA	N/A	N/A	30.00	4.00	7.00	4	9.44	20.44	24.44	0.00	0.00	0.00	12.56	23.56	27.56	1.5	4.5	964.38	0.00	0.59	0.00													
107	A	120	X	54	Y4 32+80	2	S4x7.7	BA	N/A	N/A	31.00	4.50	7.00	4	1.39	12.89	16.89	0.00	0.00	0.00	3.06	14.56	18.56	1.00	4.5	313.60	0.00	0.00	0.26													
108	A	120	X	54	Y4 10+50	2	V6x9	BA	N/A	N/A	30.00	4.50	7.00	4	5.56	17.06	21.06	0.00	0.00	0.00	4.79	16.29	20.29	1.50	4.5	435.27	0.00	0.59	0.00													
201	A	72	X	60	70+71 -L-	2	S3x5.7	BA	N/A	N/A	10.00	5.00	7.00	3.5	1.56	13.56	17.06	0.00	0.00	0.00	1.85	13.85	17.35	1	4	231.67	0.00	0.00	0.23													
202	A	72	X	60	19+00 -Y4-	2	S3x5.7	BA	N/A	N/A	10.00	5.00	7.00	3.5	0.89	12.89	16.39	0.00	0.00	0.00	1.17	13.17	16.67	1	4	223.98	0.00	0.00	0.23													
203	A	72	X	60	25+60 -Y4-	2	S3x5.7	BA	N/A	N/A	10.00	5.00	7.00	3.5	1.70	13.70	17.20	0.00	0.00	0.00	1.54	13.54	17.04	1	4	230.70	0.00	0.00	0.23													
204	A	72	X	60	89+30 -L-	2	S3x5.7	BA	N/A	N/A	10.00	5.00	8.21	3.5	-1.21	12.00	15.50	0.00	0.00	0.00	-0.21	13.00	16.50	1	4	217.93	0.00	0.00	0.23													
																							TOTAL	7749.55	0.00	6.76	1.45															

USE: 7750 0 7 2

NOTES

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



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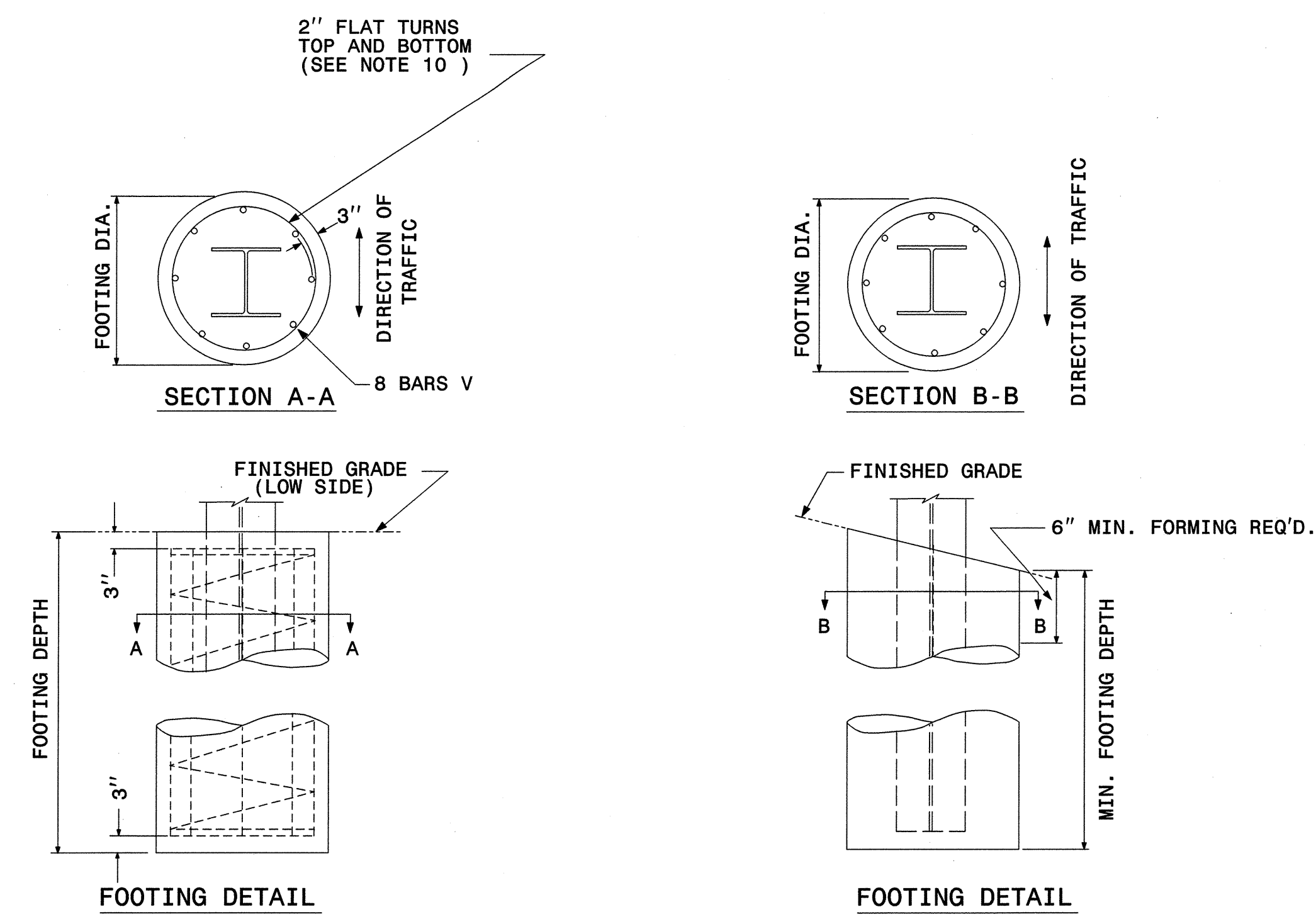
TYPE "A" AND TYPE "B"

STATE OF
 NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
GROUND MOUNTED SIGN SUPPORTS

SHEET 2 OF 3
903D10

BEAM SHAPE	BOLT SIZE	SLIP BASE PLATE DATA							KEEPER PLATE DATA							HINGE CONNECTION DATA							BREAK AWAY SUPPORT WEIGHT CONSTANT LBS.			
		A ₁	B ₁	C ₁	D ₁	E ₁	T ₁	R ₁	A ₂	B ₂	C ₂	D ₂	E ₂	R ₂	T ₂	BOLT SIZE	F	G	H	I	J	K		L	R ₃	T ₃
S3X5.7	1/2" DIA. X 3"	7"	4"	1"	3/4"	2 1/2"	1"	9/32"	7"	4"	1"	3/4"	2 1/2"	9/32"	28 GAUGE	1/2" DIA. X 1 1/4"	2 1/4"	3 1/2"	4"	1 1/2"	1"	1 1/2"	2"	9/32"	3/8"	18
S4X7.7	1/2" DIA. X 3"	8"	4"	1"	3/4"	2 1/2"	1"	9/32"	8"	4"	1"	3/4"	2 1/2"	9/32"	28 GAUGE	1/2" DIA. X 1 1/4"	2 5/8"	3 1/2"	4"	1 1/2"	1"	1 1/2"	2"	9/32"	3/8"	20
W6X9	1/2" DIA. X 3"	10"	5"	1"	3/4"	3 1/2"	1"	9/32"	10"	5"	1"	3/4"	3 1/2"	9/32"	28 GAUGE	1/2" DIA. X 1 1/4"	4"	3 1/2"	4"	3/4"	1"	1 1/2"	2"	9/32"	3/8"	32
W6X12	5/8" DIA. X 3 3/4"	11"	5"	1 1/4"	7/8"	3 1/4"	1 1/4"	1 1/32"	11"	5"	1 1/4"	7/8"	3 1/4"	1 1/32"	28 GAUGE	5/8" DIA. X 2 1/4"	4"	4"	4 1/2"	3/4"	1 1/8"	5/8"	2 1/4"	1 1/32"	3/8"	39
W6X16	5/8" DIA. X 3 3/4"	12"	6"	1 1/4"	7/8"	4 1/4"	1 1/2"	1 1/32"	12"	6"	1 1/4"	7/8"	4 1/4"	1 1/32"	28 GAUGE	5/8" DIA. X 2 1/4"	4"	4"	4 1/2"	3/4"	1 1/8"	5/8"	2 1/4"	1 1/32"	1/2"	47
W8X18	5/8" DIA. X 4 1/4"	13 1/2"	6 1/2"	1 1/4"	7/8"	4 3/4"	1 1/2"	1 1/32"	13 1/2"	6 1/2"	1 1/4"	7/8"	4 3/4"	1 1/32"	28 GAUGE	5/8" DIA. X 2 1/4"	5 1/4"	4"	4 1/2"	1"	1 1/8"	5/8"	2 1/4"	1 1/32"	1/2"	70
W8X21	3/4" DIA. X 4 1/4"	14"	7"	1 1/2"	1"	5"	1 1/2"	1 1/32"	14"	7"	1 1/2"	1"	5"	1 1/32"	28 GAUGE	3/4" DIA. X 2 3/4"	5 1/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	1 1/32"	1/2"	73
W10X22	3/4" DIA. X 4 1/4"	16"	8"	1 1/2"	1"	6"	1 1/2"	1 1/32"	16"	8"	1 1/2"	1"	6"	1 1/32"	28 GAUGE	3/4" DIA. X 2 3/4"	5 3/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	1 1/32"	1/2"	119
W10X26	3/4" DIA. X 4 3/4"	16 1/2"	8"	1 1/2"	1"	6"	1 3/4"	1 1/32"	16 1/2"	8"	1 1/2"	1"	6"	1 1/32"	28 GAUGE	3/4" DIA. X 2 3/4"	5 3/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	1 1/32"	5/8"	140
W12X26	3/4" DIA. X 4 3/4"	18 1/2"	9"	1 1/2"	1"	7"	1 3/4"	1 1/32"	18 1/2"	9"	1 1/2"	1"	7"	1 1/32"	28 GAUGE	3/4" DIA. X 2 3/4"	6 1/2"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	1 1/32"	5/8"	176
W14X30	1" DIA. X 5"	22"	9"	2"	1 1/2"	6"	2"	1 7/32"	22"	9"	2"	1 1/2"	6"	1 7/32"	28 GAUGE	1" DIA. X 3"	6 3/4"	7"	8"	1 1/4"	2"	1"	4"	1 7/32"	5/8"	205
W16X31	1" DIA. X 5"	24"	9"	2"	1 1/2"	6"	2"	1 7/32"	24"	9"	2"	1 1/2"	6"	1 7/32"	28 GAUGE	1" DIA. X 3 1/4"	5 1/2"	7"	8"	1 1/4"	2"	1"	4"	1 7/32"	3/4"	223
W18X35	1" DIA. X 5"	25"	9"	2"	1 1/2"	6"	2"	1 7/32"	25"	9"	2"	1 1/2"	6"	1 7/32"	28 GAUGE	1" DIA. X 3 1/4"	6"	7"	8"	1 1/4"	2"	1"	4"	1 7/32"	3/4"	243
W18X40	1" DIA. X 5 1/2"	26"	9"	2"	1 1/2"	6"	2 1/4"	1 7/32"	26"	9"	2"	1 1/2"	6"	1 7/32"	28 GAUGE	1" DIA. X 3 3/4"	6"	7"	8"	1 1/4"	2"	1"	4"	1 7/32"	7/8"	278
W21X44	1" DIA. X 5 1/2"	29"	9"	2"	1 1/2"	6"	2 1/2"	1 7/32"	29"	9"	2"	1 1/2"	6"	1 7/32"	28 GAUGE	1" DIA. X 3 3/4"	6 1/2"	7"	8"	1 1/4"	2"	1"	4"	1 7/32"	7/8"	310



FOUNDATION DATA *		
FOOTING DIAMETER	REINFORCEMENT	SPIRAL BAR
1' 6"	8 # 6 BARS	#3 BAR, 6" PITCH
2'	8 # 7 BARS	#3 BAR, 6" PITCH
2' 6"	8 # 9 BARS	#3 BAR, 6" PITCH
3'	8 # 11 BARS	#3 BAR, 6" PITCH
3' 6"	8 # 12 BARS	#3 BAR, 6" PITCH
4'	8 # 14 BARS	#3 BAR, 6" PITCH

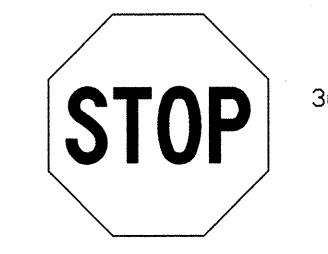

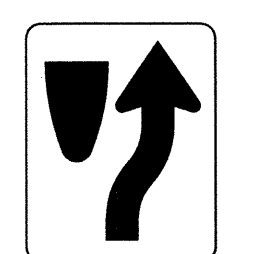
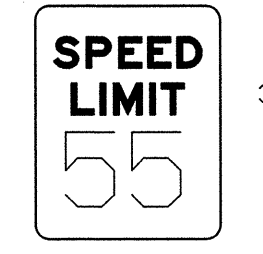

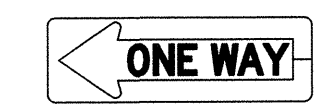
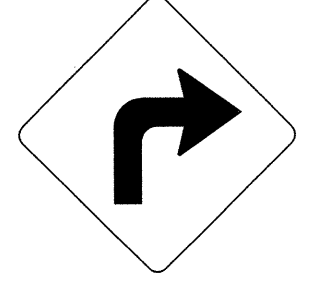
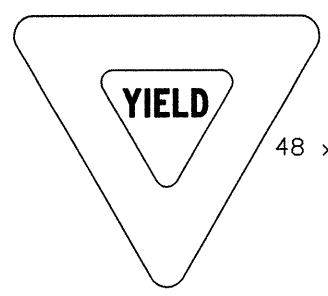

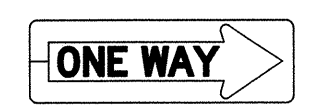
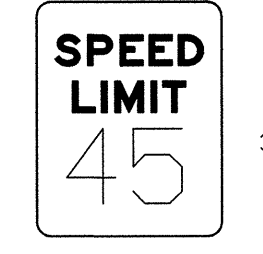
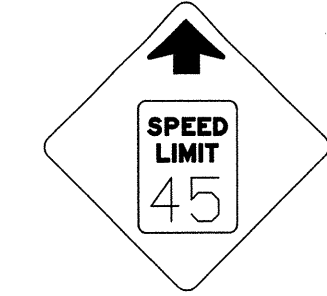

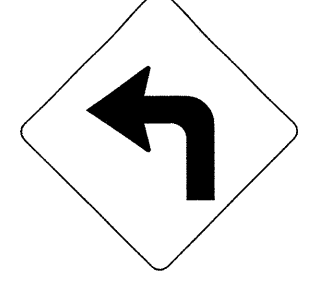
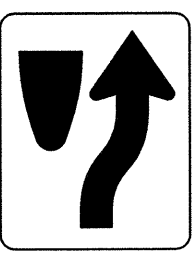
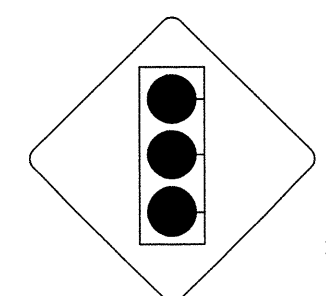

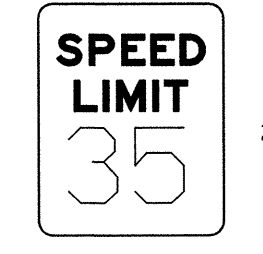


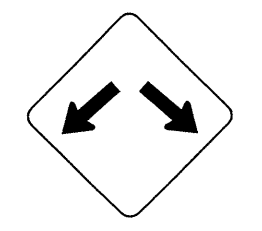
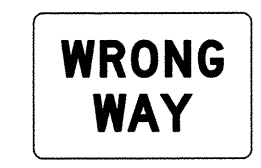
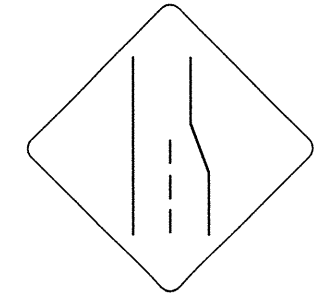

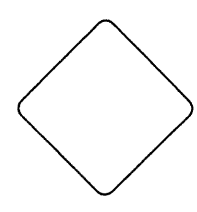
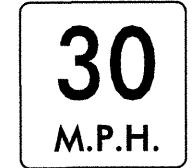
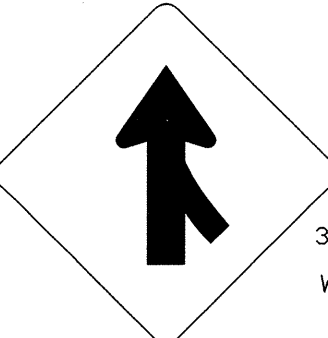
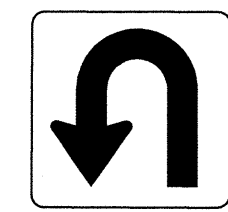
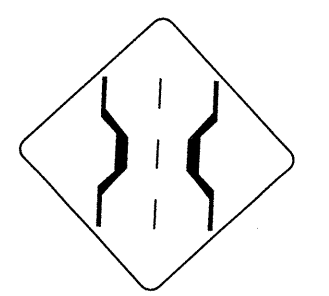
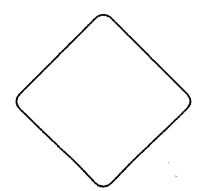
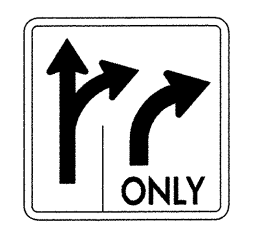
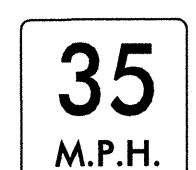
* FOUNDATION DIMENSIONS ARE SHOWN IN PLANS

STATE OF
 NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
GROUND MOUNTED SIGN SUPPORTS

SHEET 2 OF 3
903D10

04-JAN-2013 09:34
 C:\Transportation\Traffic\Cur\00030391R-2246B 6L Pkwy SPM\Signing\R-2246B supports 2.dgn
 12054 AT RAL20140110

<p>401 QUANTITY REQ'D .12</p>  <p>36 X 36 R1-1</p> <p>ONE "U" POST PER SIGN: 3 MOUNT UNDER SIGN 412 IN 9 INSTALLATIONS</p>	<p>406 QUANTITY REQ'D .10</p>  <p>36 X 36 R5-1</p> <p>ONE "U" POST PER SIGN</p>	<p>411 QUANTITY REQ'D .3</p>  <p>24 X 30 R4-7</p> <p>ONE "U" POST PER SIGN</p>	<p>416 QUANTITY REQ'D .12</p>  <p>36 X 48 R2-1</p> <p>TWO "U" POSTS PER SIGN</p>	<p>421 QUANTITY REQ'D .1</p>  <p>36 X 36 W8-18</p> <p>ONE "U" POST PER SIGN</p>	<p>426 QUANTITY REQ'D .3</p>  <p>54 X 18 R6-1 (L)</p> <p>TWO "U" POSTS PER SIGN</p>	<p>431 QUANTITY REQ'D .1</p>  <p>36 X 36 W1-1 (R)</p> <p>ONE "U" POST PER SIGN</p>
<p>402 QUANTITY REQ'D .2</p>  <p>48 X 48 X 48 R1-2</p> <p>TWO "U" POSTS PER SIGN</p>	<p>407 QUANTITY REQ'D .2</p>  <p>36 X 36 W14-2</p> <p>ONE "U" POST PER SIGN</p>	<p>412 QUANTITY REQ'D .9</p>  <p>54 X 18 R6-1 (R)</p> <p>TWO "U" POSTS PER SIGN</p>	<p>417 QUANTITY REQ'D .5</p>  <p>30 X 36 R2-1</p> <p>ONE "U" POST PER SIGN</p>	<p>422 QUANTITY REQ'D .1</p>  <p>36 X 36 W9-1 (R)</p> <p>ONE "U" POST PER SIGN</p>	<p>427 QUANTITY REQ'D .1</p>  <p>36 X 36 W1-2 (R)</p> <p>ONE "U" POST PER SIGN</p>	<p>432 QUANTITY REQ'D .1</p>  <p>36 X 36 W1-1 (L)</p> <p>ONE "U" POST PER SIGN</p>
<p>403 QUANTITY REQ'D .2</p>  <p>18 X 30 R4-7c</p> <p>ONE "U" POST PER SIGN</p>	<p>408 QUANTITY REQ'D .5</p>  <p>36 X 36 W3-3</p> <p>ONE "U" POST PER SIGN</p>	<p>413 QUANTITY REQ'D .1</p>  <p>30 X 30 R5-2</p> <p>MOUNT UNDER SIGN 410 IN ONE INSTALLATION</p>	<p>418 QUANTITY REQ'D .2</p>  <p>24 X 30 R2-1</p> <p>ONE "U" POST PER SIGN</p>	<p>423 QUANTITY REQ'D .2</p>  <p>30 X 30 R3-7</p> <p>ONE "U" POST PER SIGN</p>	<p>428 QUANTITY REQ'D .1</p>  <p>36 X 36 W1-2 (L)</p> <p>ONE "U" POST PER SIGN</p>	
<p>404 QUANTITY REQ'D .2</p>  <p>36 X 36 W12-1</p> <p>ONE "U" POST PER SIGN</p>	<p>409 QUANTITY REQ'D .6</p>  <p>42 X 30 R5-1a</p> <p>ONE "U" POST PER SIGN</p>	<p>414 QUANTITY REQ'D .4</p>  <p>48 X 48 W4-2 (R)</p> <p>TWO "U" POSTS PER SIGN</p>	<p>419 QUANTITY REQ'D .1</p>  <p>24 X 30 R2-1</p> <p>ONE "U" POST PER SIGN</p>	<p>424 QUANTITY REQ'D .9</p>  <p>18 X 18 DM4-3</p> <p>ONE "U" POST PER SIGN</p>	<p>429 QUANTITY REQ'D .2</p>  <p>24 X 24 W13-1</p> <p>MOUNT UNDER SIGNS 431 & 432 IN 2 INSTALLATIONS</p>	
<p>405 QUANTITY REQ'D .4</p>  <p>36 X 36 W4-1 (R)</p> <p>ONE "U" POST PER SIGN</p>	<p>410 QUANTITY REQ'D .2</p>  <p>24 X 24</p> <p>ONE "U" POST PER SIGN</p>	<p>415 QUANTITY REQ'D .1</p>  <p>36 X 36 W5-2a</p> <p>ONE "U" POST PER SIGN</p>	<p>420 QUANTITY REQ'D .10</p>  <p>18 X 18 DM1-3</p> <p>MOUNT UNDER SIGNS 403 & 411 IN 10 INSTALLATIONS</p>	<p>425 QUANTITY REQ'D .2</p>  <p>36 X 36 R3-8</p> <p>ONE "U" POST PER SIGN</p>	<p>430 QUANTITY REQ'D .2</p>  <p>24 X 24 W13-1</p> <p>MOUNT UNDER SIGNS 427 & 428 IN 2 INSTALLATIONS</p>	

23-JAN-2013 14:41
 O:\Transportation\Traffic\Cur\N00030391R-2246B GL Pkwy SPM\Signing\sign legend.dgn
 12054 AT RAL2UA430Y7D

SIGN NUMBER: 1, 12 TYPE: A BACKG COLOR: Green COPY COLOR: White DESIGN BY: MB Toth CHECKED BY: JT Brooks DATE: Jan 03, 2013 PROJECT ID: R-2246B DIV: 10

QUANTITY: 2

SYMBOL	X	Y	WID	HT
M1_4	88.8	78.1	36	36
AR_Type A	19.2	10.5	22.2	35
AR_Type A	169.2	10.5	22.2	35

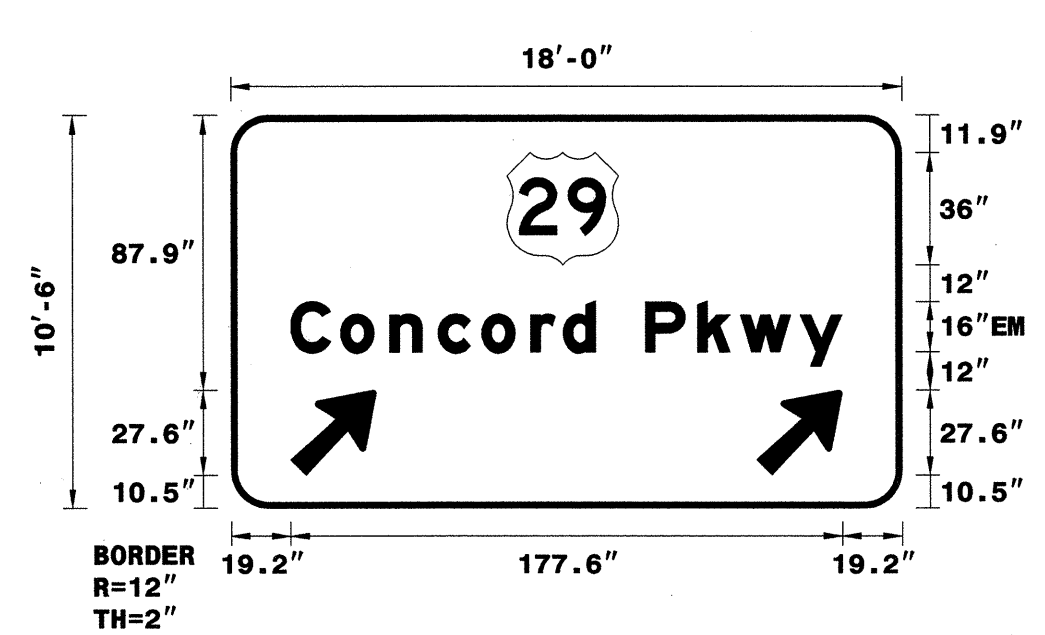
SIGN WIDTH: 18'-0" HEIGHT: 10'-6" TOTAL AREA: 189.0 Sq.Ft.

BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12"

NO. Z BARS: 3 LENGTH: 208.0 MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1,2,3

- 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	177.6

FILENAME: R-2246B sign designs NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 2 TYPE: A BACKG COLOR: Green COPY COLOR: White DESIGN BY: MB Toth CHECKED BY: JT Brooks DATE: Jan 03, 2013 PROJECT ID: R-2246B DIV: 10

QUANTITY: 1

SYMBOL	X	Y	WID	HT
M1_4	52.6	100.5	36	36
ARDOWN	18	12.9	32	22
ARDOWN	166	12.9	32	22

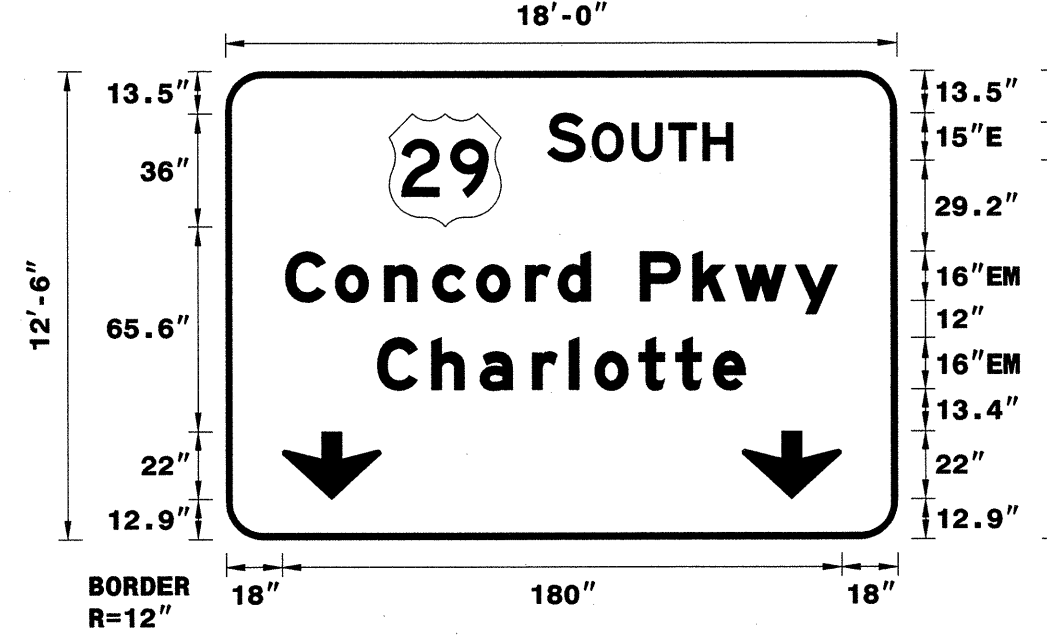
SIGN WIDTH: 18'-0" HEIGHT: 12'-6" TOTAL AREA: 225.0 Sq.Ft.

BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12"

NO. Z BARS: 4 LENGTH: 208.0 MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1,2,3

- 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
EM 2000	177.6
EM 2000	118.6

FILENAME: R-2246B sign designs NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 3 TYPE: A BACKG COLOR: Green COPY COLOR: White DESIGN BY: MB Toth CHECKED BY: JT Brooks DATE: Jan 03, 2013 PROJECT ID: R-2246B DIV: 10

QUANTITY: 1

SYMBOL	X	Y	WID	HT
M1_4	54	100.5	36	36
ARDOWN	92	13	32	22

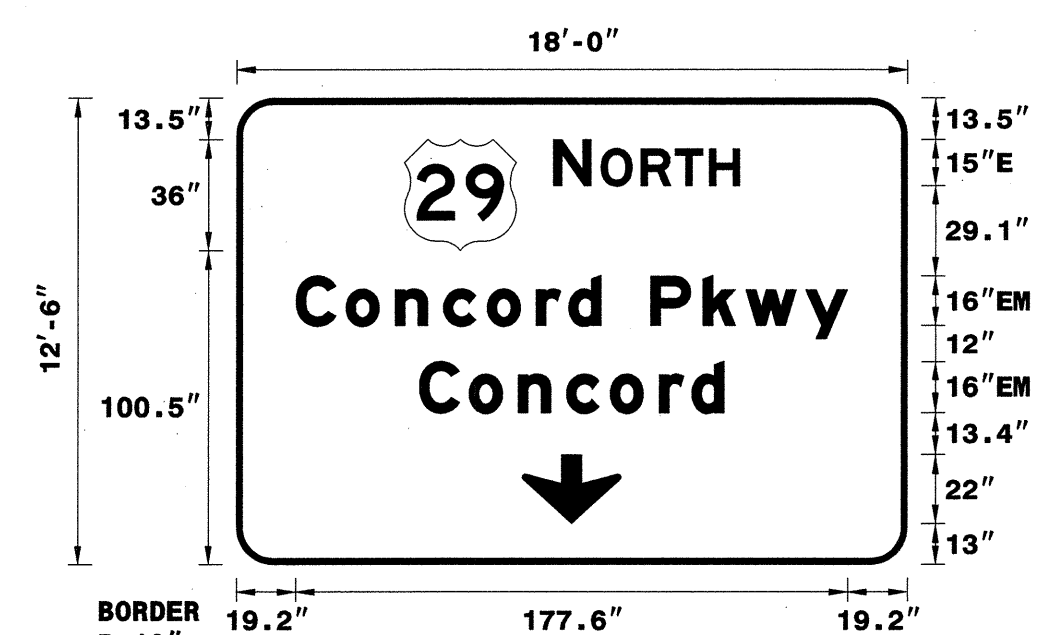
SIGN WIDTH: 18'-0" HEIGHT: 12'-6" TOTAL AREA: 225.0 Sq.Ft.

BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12"

NO. Z BARS: 4 LENGTH: 208.0 MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1,2,3

- 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	59.9
EM 2000	177.6
EM 2000	98.2

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 4 TYPE: A BACKG COLOR: Green COPY COLOR: White DESIGN BY: MB Toth CHECKED BY: JT Brooks DATE: Dec 13, 2012 PROJECT ID: R-2246B DIV: 10

QUANTITY: 1

SYMBOL	X	Y	WID	HT
ARBOL1	42.5	10.7	33	33
ARBOL1	194.5	10.7	33	33

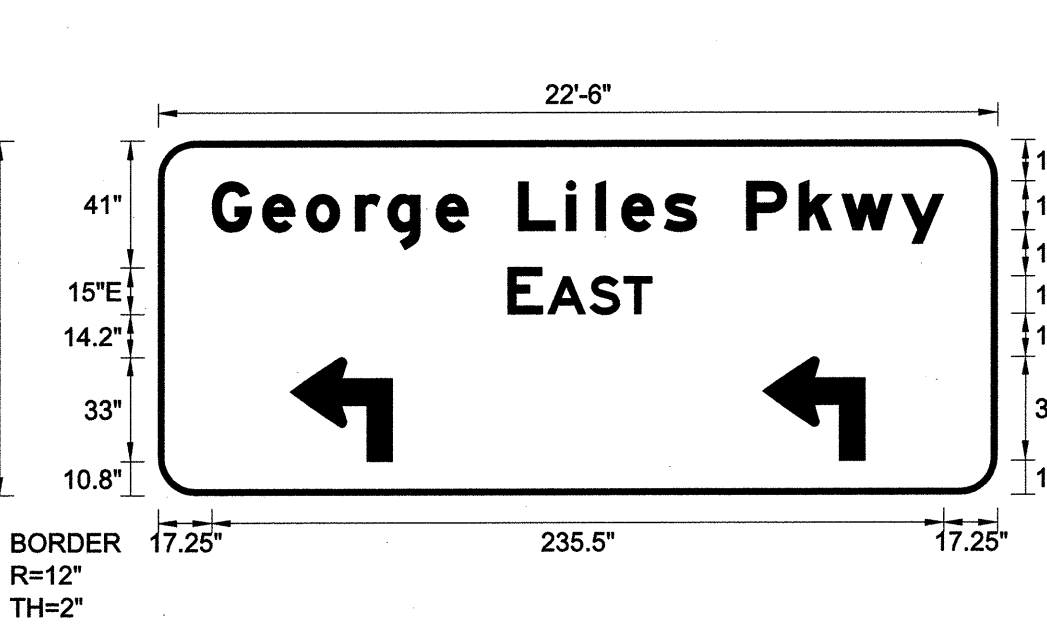
SIGN WIDTH: 22'-6" HEIGHT: 9'-6" TOTAL AREA: 213.8 Sq.Ft.

BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12"

NO. Z BARS: 3 LENGTH: 262.0 MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1,2,3

- 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

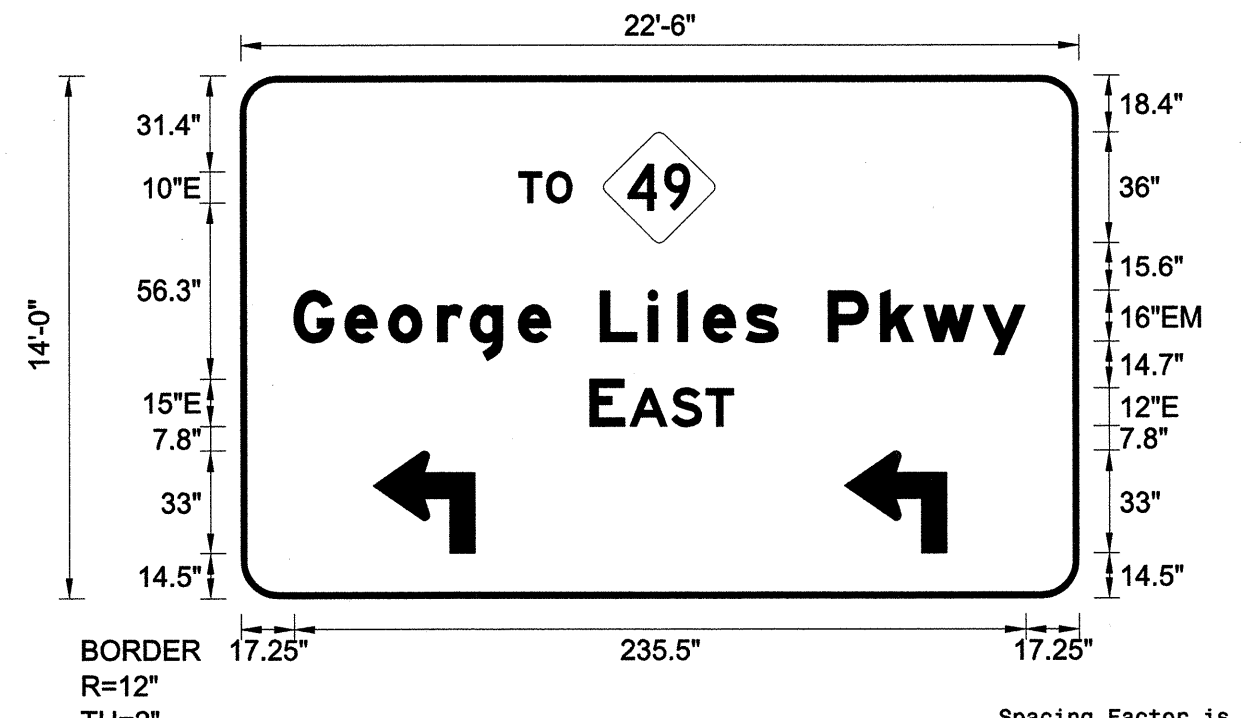
Series/Size	Text Length
EM 2000	235.5
E 2000	46.4

FILENAME: R-2246B sign designs NORTH CAROLINA D.O.T. SIGN DETAIL

04-JAN-2013 09:46 05:\Transportation\Traffic\Curr\00030391R-2246B GI Pkwy SPM\Signing\sign design sheets.dgn AT_RAL2UJ430YTD

SIGN NUMBER: 4 FUTURE TYPE: A BACKG COLOR: Green COPY COLOR: White
 QUANTITY: 1
 SIGN WIDTH: 22'-6" HEIGHT: 14'-0" TOTAL AREA: 315.0 Sq.Ft.
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12"
 NO. Z BARS: 4 LENGTH: 262.0
 MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: MB Toth CHECKED BY: JT Brooks DATE: Dec 13, 2012
 PROJECT ID: R-2246B DIV: 10



USE NOTES: 1,2,3
 1. Legend and border(except those that are colored black) shall be direct applied Grade A 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.

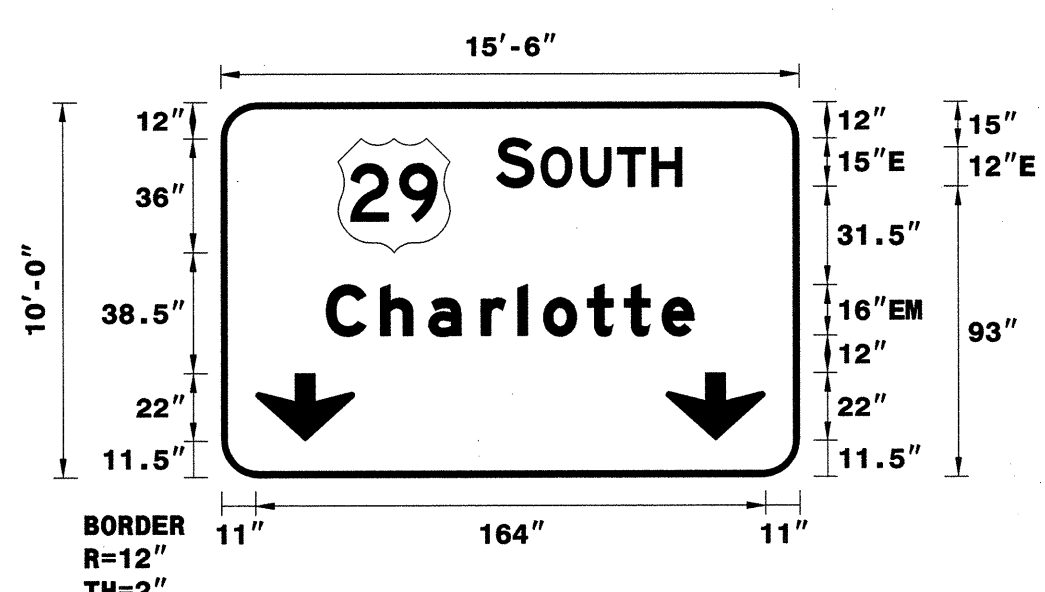
LETTER POSITIONS
 Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	17.3
EM 2000	235.5
E 2000	46.4

Spacing Factor is 1 unless specified otherwise

SIGN NUMBER: 5 TYPE: A BACKG COLOR: Green COPY COLOR: White
 QUANTITY: 1
 SIGN WIDTH: 15'-6" HEIGHT: 10'-0" TOTAL AREA: 155.0 Sq.Ft.
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12"
 NO. Z BARS: 3 LENGTH: 178.0
 MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: MB Toth CHECKED BY: JT Brooks DATE: Jan 03, 2013
 PROJECT ID: R-2246B DIV: 10



USE NOTES: 1,2,3
 1. Legend and border(except those that are colored black) shall be direct applied Grade A 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 2000	59.8
EM 2000	118.6

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS
 Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	17.3
EM 2000	235.5
E 2000	46.4

FILENAME: R-2246B sign designs NORTH CAROLINA D.O.T. SIGN DETAIL

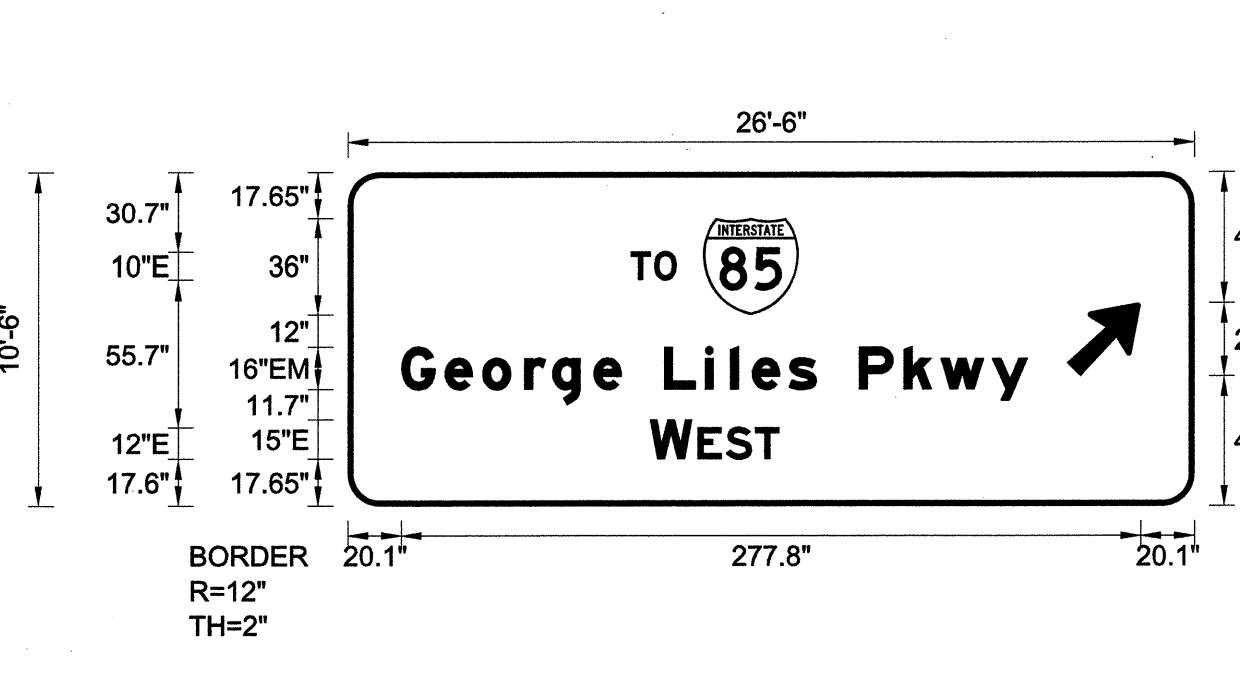
LETTER POSITIONS
 Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	59.8
EM 2000	118.6

FILENAME: R-2246B sign designs NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 6 TYPE: A BACKG COLOR: Green COPY COLOR: White
 QUANTITY: 1
 SIGN WIDTH: 26'-6" HEIGHT: 10'-6" TOTAL AREA: 278.3 Sq.Ft.
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12"
 NO. Z BARS: 3 LENGTH: 310.0
 MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: MB Toth CHECKED BY: JT Brooks DATE: Dec 13, 2012
 PROJECT ID: R-2246B DIV: 10



USE NOTES: 1,2,3
 1. Legend and border(except those that are colored black) shall be direct applied Grade A 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.

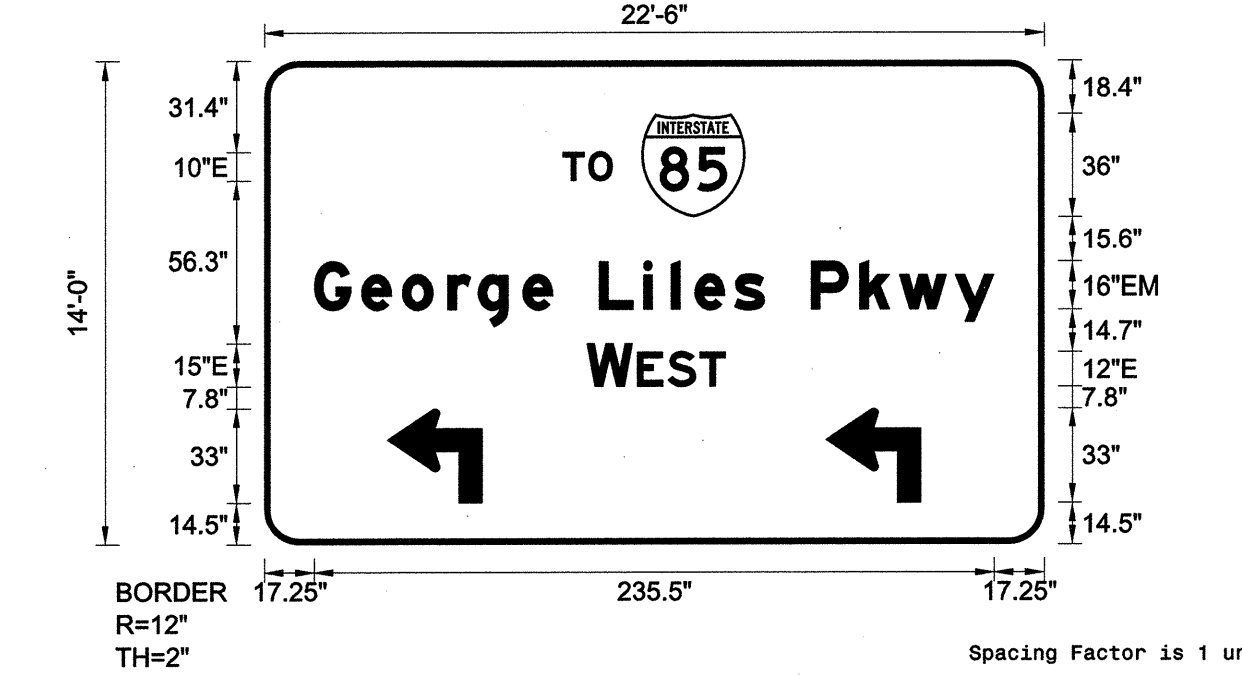
LETTER POSITIONS
 Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	17.3
EM 2000	235.5
E 2000	48.8

Spacing Factor is 1 unless specified otherwise

SIGN NUMBER: 7 TYPE: A BACKG COLOR: Green COPY COLOR: White
 QUANTITY: 1
 SIGN WIDTH: 22'-6" HEIGHT: 14'-0" TOTAL AREA: 315.0 Sq.Ft.
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12"
 NO. Z BARS: 4 LENGTH: 262.0
 MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: MB Toth CHECKED BY: JT Brooks DATE: Dec 13, 2012
 PROJECT ID: R-2246B DIV: 10



USE NOTES: 1,2,3
 1. Legend and border(except those that are colored black) shall be direct applied Grade A 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 2000	17.3
EM 2000	235.5
E 2000	48.2

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS
 Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	17.3
EM 2000	235.5
E 2000	48.8

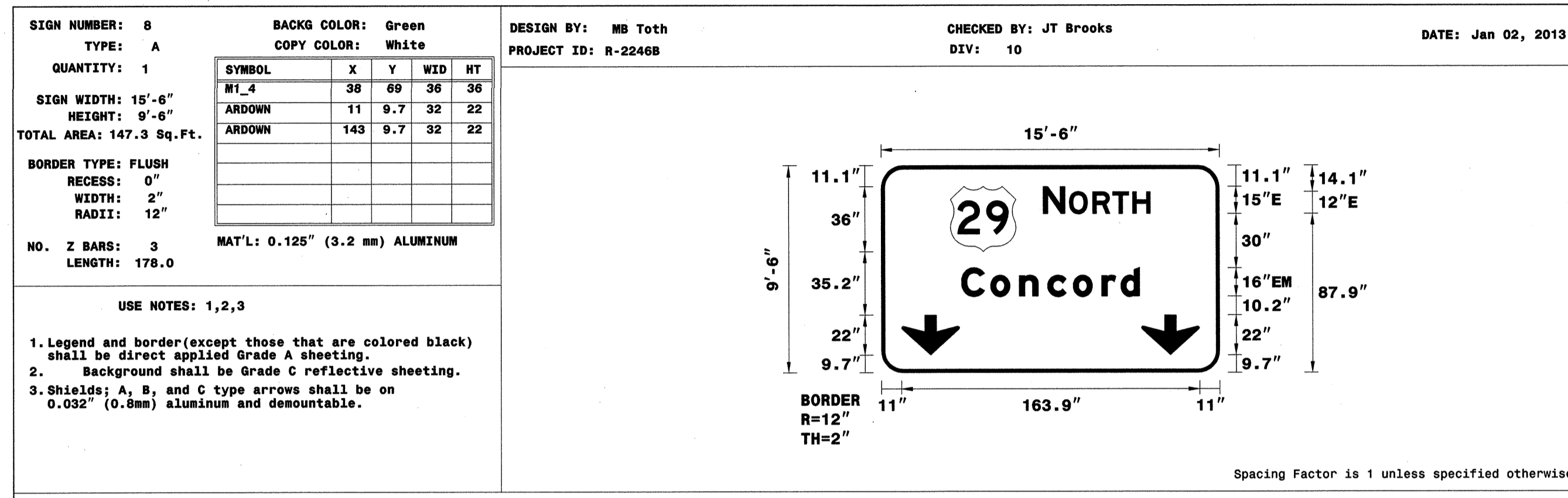
FILENAME: R-2246B sign designs NORTH CAROLINA D.O.T. SIGN DETAIL

LETTER POSITIONS
 Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	17.3
EM 2000	235.5
E 2000	48.2

FILENAME: R-2246B sign designs NORTH CAROLINA D.O.T. SIGN DETAIL

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 AT RAL2U4307D

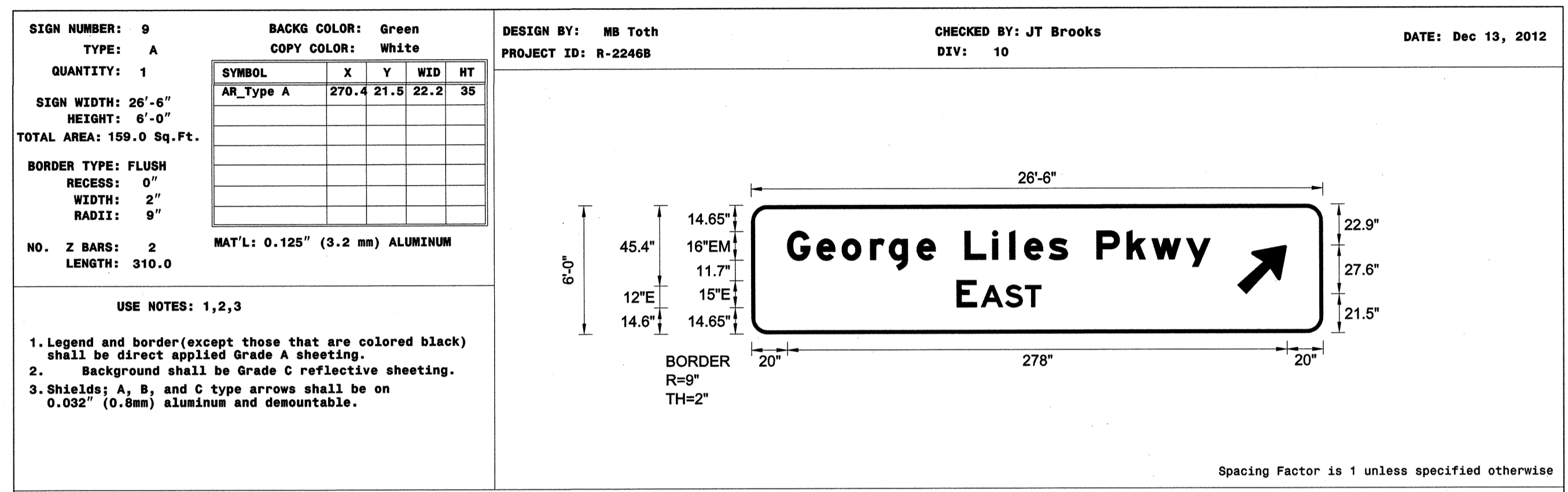


LETTER POSITIONS

Letter spacings are to start of next letter

N		O		R		T		H		
89	12.2	2.3	12.8	11	11	9.7	38			Series/Size
										E 2000
										59.1
C		o		n		c		o		
										E 2000
										98.2
43.9	16	15.8	15.5	14.1	15.8	10.4	10.6	43.9		Text Length

FILENAME: guidesign_english_final NORTH CAROLINA D.O.T. SIGN DETAIL

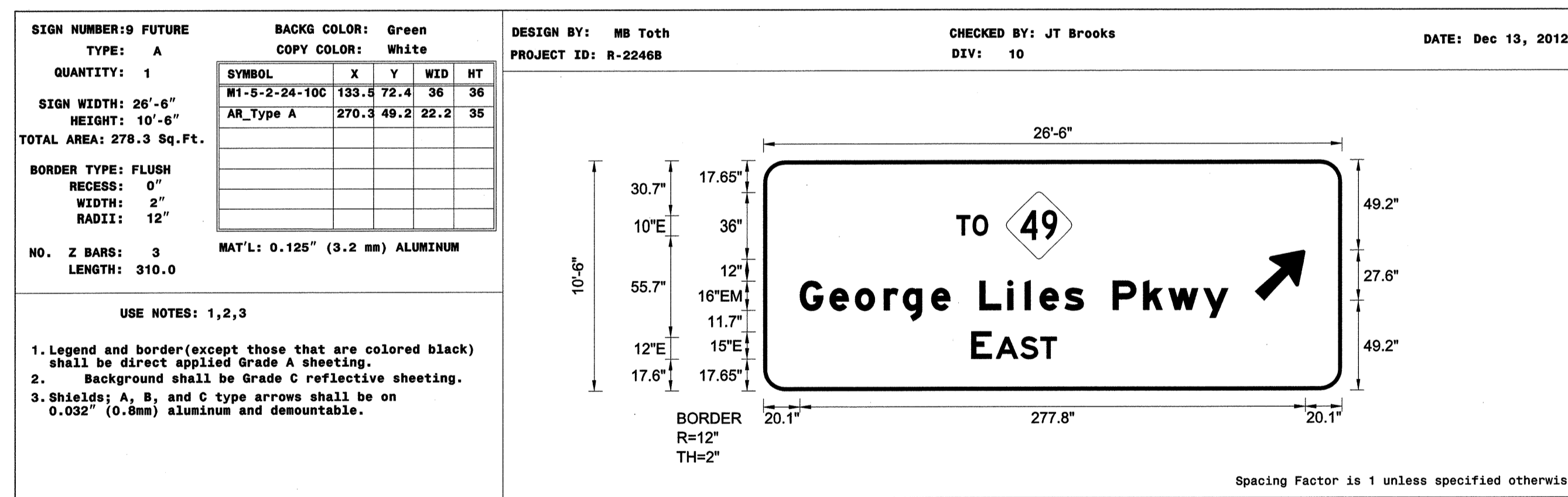


LETTER POSITIONS

Letter spacings are to start of next letter

G		e		o		r		g		e		L		i		l		e		s		P		k		w		y		
20	16.3	14.1	15.8	10.4	15.5	10.6	16	15.4	9.6	8.2	13.8	10.6	16	16.8	13.8	19.2	13.6	62.5			Series/Size									
																					E 2000									
																					235.5									
E		A		S		T																								
																					E 2000									
																					47.1									
114.2	11.2	2.2	13.6	11	9	156.7															Text Length									

FILENAME: R-2246B sign designs NORTH CAROLINA D.O.T. SIGN DETAIL

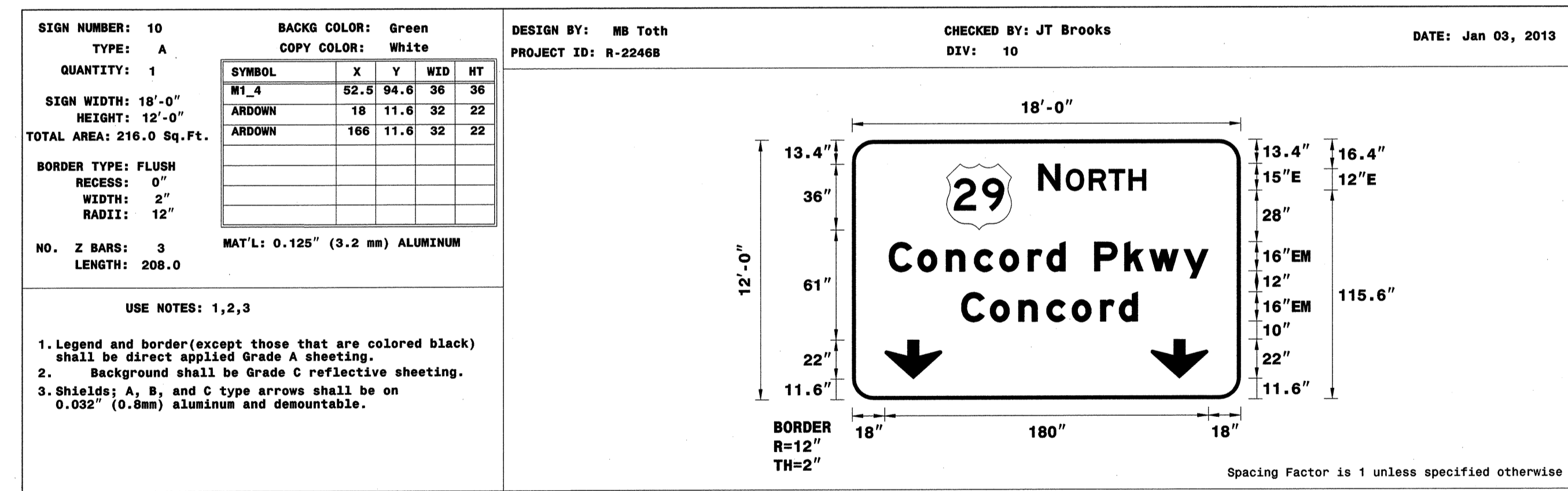


LETTER POSITIONS

Letter spacings are to start of next letter

T		O		G		e		o		r		g		e		L		i		l		e		s		P		k		w		y		
106.2	8.9	8.4	194.5																														Series/Size	
																												E 2000						
																												17.3						
G		e		o		r		g		e		L		i		l		e		s		P		k		w		y						
																												E 2000						
																												235.5						
E		A		S		T																												
																												E 2000						
																												47						
114.3	11.2	2.2	13.6	11	9	156.6																										Text Length		

FILENAME: R-2246B sign designs NORTH CAROLINA D.O.T. SIGN DETAIL



LETTER POSITIONS

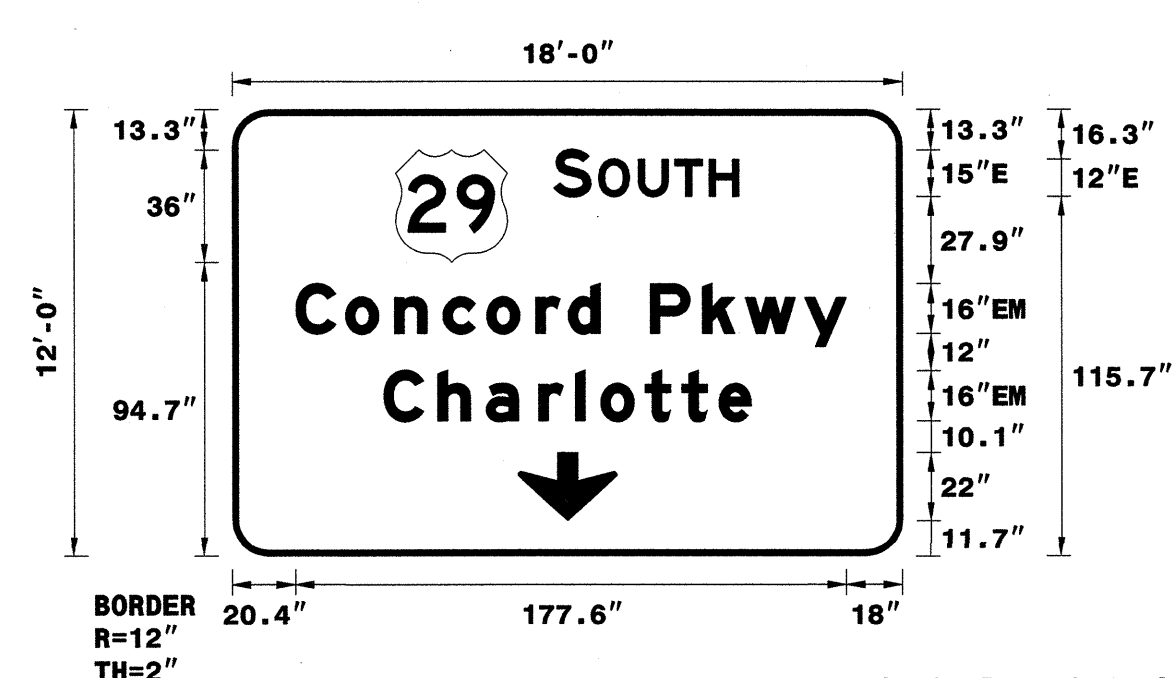
Letter spacings are to start of next letter

N		O		R		T		H						
103.5	12.2	3.1	12.8	11	11	9.7	52.5			Series/Size				
										E 2000				
										59.9				
C		o		n		c		o						
										E 2000				
										177.6				
20.4		16	15.8	15.5	14.1	15.8	10.4	10.6	18	16.8	13.8	19.2	13.6	18
										E 2000				
										98.2				
C		o		n		c		o						
										E 2000				
										98.2				
60.6	16	15.8	15.5	14.1	15.8	10.4	10.6	57.1		Text Length				

FILENAME: R-2246B sign designs NORTH CAROLINA D.O.T. SIGN DETAIL

04-JAN-2013 09:16 G:\Transportation\Traffic\Curr\10003039\R-2246B 01 Pkwy SPMA\Signing\sign design sheets.dgn AT RAL21041430YD

SIGN NUMBER: 11 TYPE: A QUANTITY: 1 SIGN WIDTH: 18'-0" HEIGHT: 12'-0" TOTAL AREA: 216.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" NO. Z BARS: 3 LENGTH: 208.0	BACKG COLOR: Green COPY COLOR: White SYMBOL X Y WID HT M1_4 52.6 94.7 36 36 ARDOWN 92 11.6 32 22 MAT'L: 0.125" (3.2 mm) ALUMINUM	DESIGN BY: MB Toth PROJECT ID: R-2246B	CHECKED BY: JT Brooks DIV: 10	DATE: Jan 03, 2013
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USE NOTES: 1,2,3

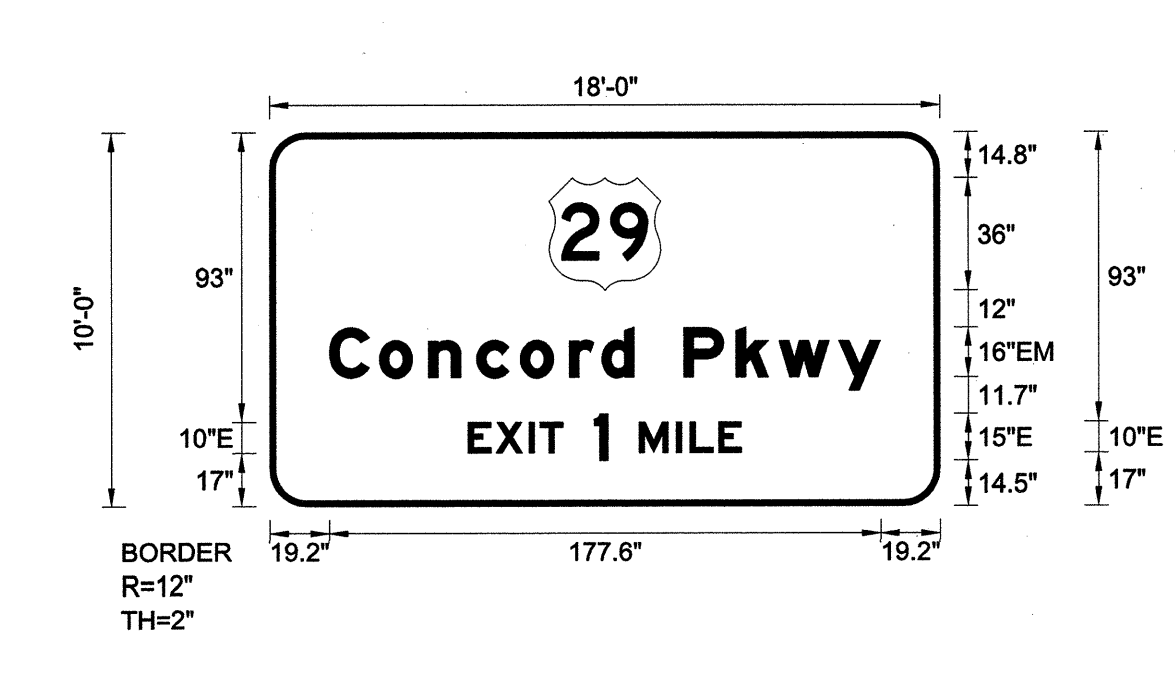
- Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size
													Text Length
S	O	U	T	H									E 2000
103.6	12.2	2.2	12.8	11.8	11	9.7	52.6						99.8
C	O	N	C	O	R	D	P	K	W	Y			EM 2000
20.4	16	15.8	15.5	14.1	15.8	10.4	10.6	16	16.8	13.8	19.2	13.6	177.6
C	H	A	R	L	O	T	T	E					E 2000
48.7	17.4	15.5	17	11.8	8.2	14.2	11.8	12	10.6	48.7			118.6

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 101,104 TYPE: A QUANTITY: 2 SIGN WIDTH: 18'-0" HEIGHT: 10'-0" TOTAL AREA: 180.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" NO. Z BARS: 3 LENGTH: 208.0	BACKG COLOR: Green COPY COLOR: White SYMBOL X Y WID HT M1_4 90 69.2 36 36 MAT'L: 0.125" (3.2 mm) ALUMINUM	DESIGN BY: MBToth PROJECT ID: R-2246B	CHECKED BY: JT Brooks DIV: 10	DATE: Dec 17, 2012
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USE NOTES: 1,2,3

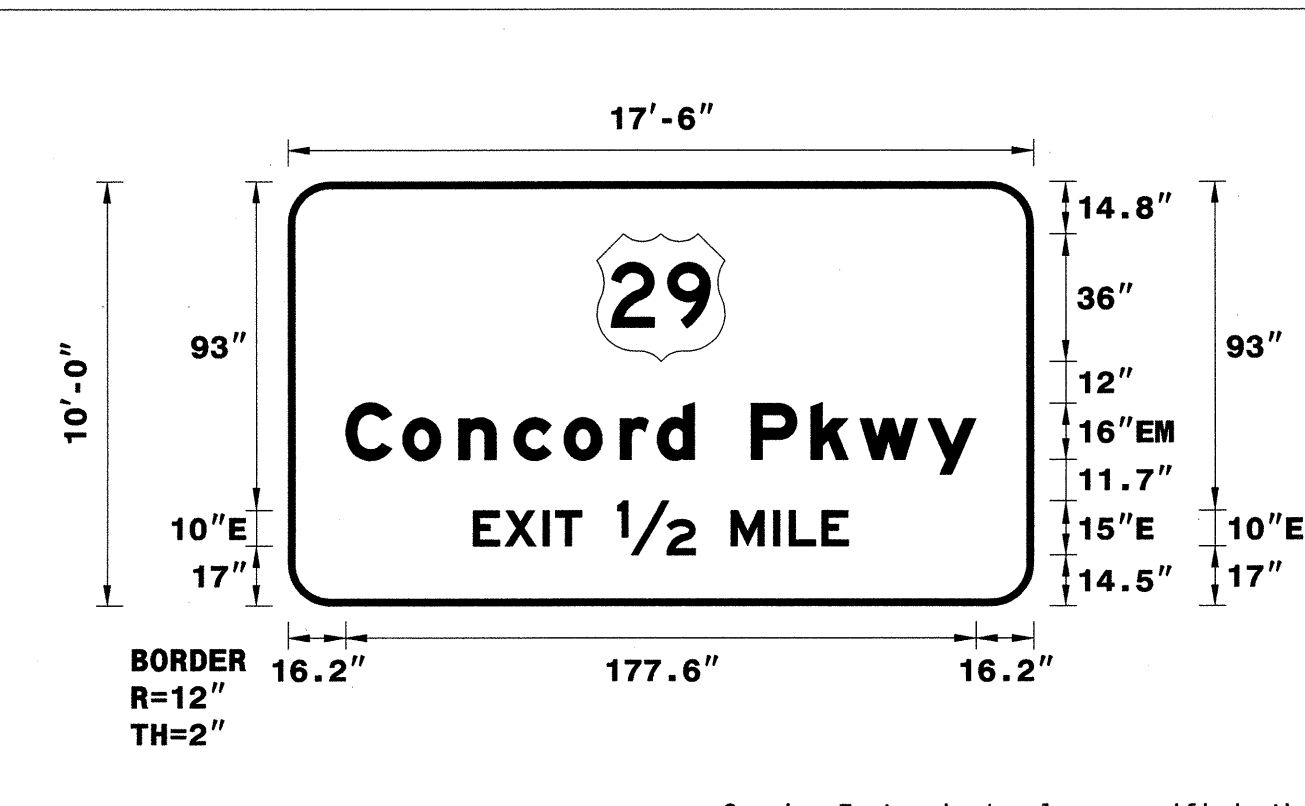
- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.
- Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size
													Text Length
C	O	N	C	O	R	D	P	K	W	Y			EM 2000
19.2	16	15.8	15.5	14.1	15.8	10.4	10.6	16	16.8	13.8	19.2	13.6	177.6
E	X	I	T	M	I	L	E						E 2000
63.9	8.9	10.7	3.5	7.5	10	4.5	10	12	4.4	9.2	7.5	63.9	88.2

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 102,103 TYPE: A QUANTITY: 2 SIGN WIDTH: 17'-6" HEIGHT: 10'-0" TOTAL AREA: 175.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" NO. Z BARS: 3 LENGTH: 202.0	BACKG COLOR: Green COPY COLOR: White SYMBOL X Y WID HT M1_4 87 69.2 36 36 MAT'L: 0.125" (3.2 mm) ALUMINUM	DESIGN BY: MB Toth PROJECT ID: R-2246B	CHECKED BY: JT Brooks DIV: 10	DATE: Dec 17, 2012
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USE NOTES: 1,2,3

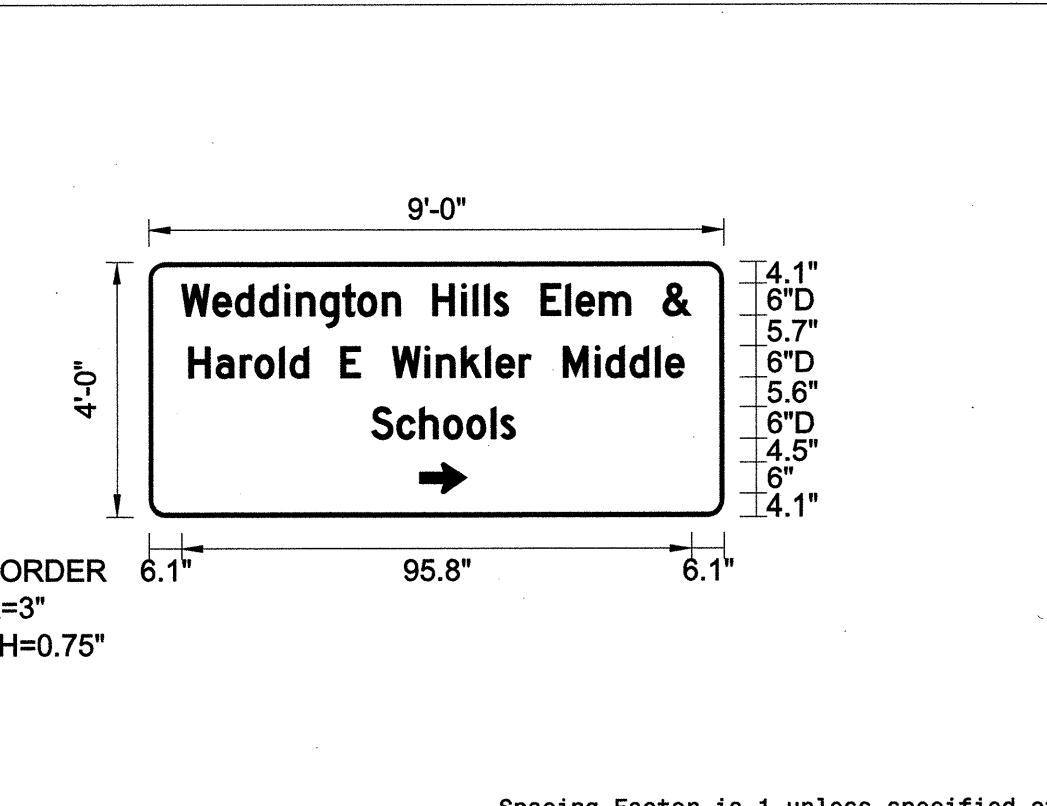
- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.
- Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size
													Text Length
C	O	N	C	O	R	D	P	K	W	Y			EM 2000
16.2	16	15.8	15.5	14.1	15.8	10.4	10.6	16	16.8	13.8	19.2	13.6	177.6
E	X	I	T	1/2	M	I	L	E					E 2000
52.2	8.9	10.7	3.5	7.5	10	22	10	12	4.4	9.2	7.5	52.2	105.7

FILENAME: Guidesign_English NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 105 TYPE: B QUANTITY: 1 SIGN WIDTH: 9'-0" HEIGHT: 4'-0" TOTAL AREA: 36.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.75" RADII: 3" NO. Z BARS: 2 LENGTH: 100.0	BACKG COLOR: Green COPY COLOR: White SYMBOL X Y WID HT AR_Type D 50.8 4 6 9 MAT'L: 0.125" (3.2 mm) ALUMINUM	DESIGN BY: MB Toth PROJECT ID: ID	CHECKED BY: DIV	DATE: Dec 10, 2012
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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													Series/Size												
													Text Length												
W	E	D	D	I	N	G	T	O	N	H	I	L	L	S	E	L	E	M	&			D 2000			
6.1	5.9	4.1	4.6	4.8	2.2	4.4	4.3	2.8	4.6	3.5	6	5.4	2.2	2.2	1.8	2.8	6	4.6	1.9	4.4	5.9	6	5.3	6.1	95.8
H	A	R	O	L	D	E	W	I	N	K	L	E	R	M	I	D	D	L	E						D 2000
7.4	5.1	4.6	2.8	4.6	1.9	3.6	6	3.7	6	6.1	2.2	4.7	4.6	1.9	4.4	2.3	6	6	1.9	4.6	4.8	1.9	3.5	7.4	93.1
S	C	H	O	O	L	S																			D 2000
41.8	4.7	4.3	4.4	4.4	4.6	1.8	2.8	39.1																	27.1

FILENAME: R-2246B sign designs NORTH CAROLINA D.O.T. SIGN DETAIL

04-JAN-2013 09:16 O:\Transportation\Traffic\Currr\100030391R-2246B GL Pkwy SPW\Signing\sign design sheets.dgn AT RAL2UAI430YD

SEAL



SIGN NUMBER: 106
 TYPE: B
 QUANTITY: 1
 SIGN WIDTH: 9'-0"
 HEIGHT: 4'-0"
 TOTAL AREA: 36.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 0.75"
 RADII: 3"
 NO. Z BARS: 2
 LENGTH: 100.0

BACKG COLOR: Green
 COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	50.8	4.2	6	9

DESIGN BY: none
 CHECKED BY: none
 PROJECT ID: ID
 DIV: DIV
 DATE: Dec 10, 2012

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
D 2000	95.8
D 2000	93.1
D 2000	27.1

FILENAME: R-2246B sign designs
 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 107
 TYPE: B
 QUANTITY: 1
 SIGN WIDTH: 10'-0"
 HEIGHT: 4'-6"
 TOTAL AREA: 45.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 1.5"
 RADII: 7"
 NO. Z BARS: 2
 LENGTH: 112.0

BACKG COLOR: Green
 COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	50.8	4.2	6	9

DESIGN BY: MB Toth
 CHECKED BY: JT Brooks
 PROJECT ID: R-2246B
 DIV: 10
 DATE: Dec 17, 2012

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 2000	96.7
D 2000	19.6
D 2000	20.8
D 2000	41.9
D 2000	46.3

FILENAME: Guidesign_English
 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 108
 TYPE: B
 QUANTITY: 1
 SIGN WIDTH: 10'-0"
 HEIGHT: 4'-6"
 TOTAL AREA: 45.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 1.5"
 RADII: 7"
 NO. Z BARS: 2
 LENGTH: 112.0

BACKG COLOR: Green
 COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type A	22.2	7.5	18.2	30

DESIGN BY: MB Toth
 CHECKED BY: JT Brooks
 PROJECT ID: R-2246B
 DIV: 10
 DATE: Dec 17, 2012

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 2000	96.7
D 2000	20.5
D 2000	19.9
D 2000	41.9
D 2000	46.3

FILENAME: Guidesign_English
 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 201,202,203,204
 TYPE: A
 QUANTITY: 4
 SIGN WIDTH: 6'-0"
 HEIGHT: 5'-0"
 TOTAL AREA: 30.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 1.5"
 RADII: 6"
 NO. Z BARS: 2
 LENGTH: 64.0

BACKG COLOR: Green
 COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type A	22.2	7.5	18.2	30

DESIGN BY: MB Toth
 CHECKED BY: JT Brooks
 PROJECT ID: R-2246B
 DIV: 10
 DATE: Dec 13, 2012

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
E 2000	45

FILENAME: R-2246B sign designs
 NORTH CAROLINA D.O.T. SIGN DETAIL

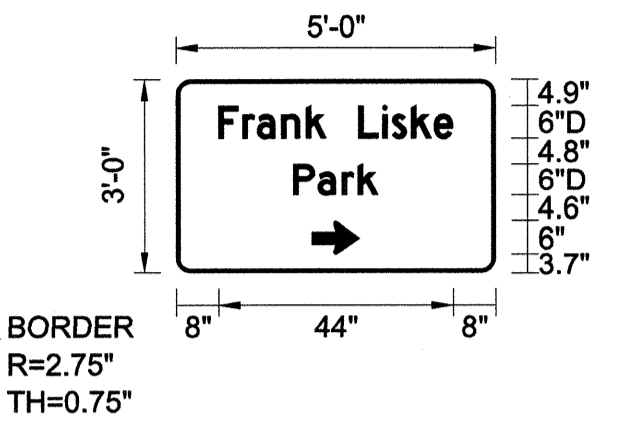
04-JAN-2013 09:16
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 12054 AT RAL20A14307D

SIGN NUMBER: 301
TYPE: D
QUANTITY: 1
SIGN WIDTH: 5'-0"
HEIGHT: 3'-0"
TOTAL AREA: 15.0 Sq.Ft.

BACKG COLOR: Brown
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	25.5	3.6	6	9

DESIGN BY: MB Toth
PROJECT ID: R-2246B
CHECKED BY: JT Brooks
DIV: 10
DATE: Dec 13, 2012



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.

NO. Z BARS: LENGTH:

MAT'L: 0.125" (3.2 mm) ALUMINUM

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	44
D 2000	16

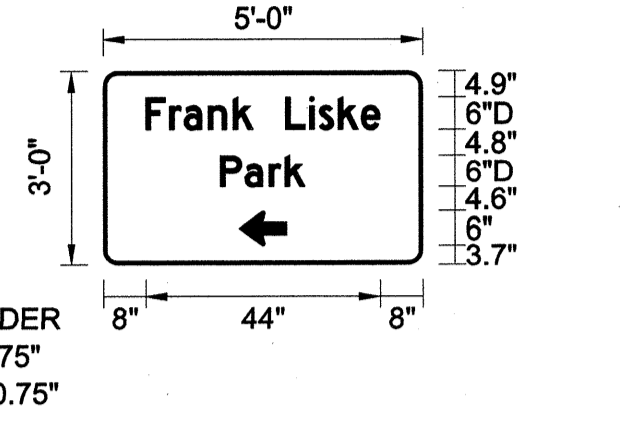
FILENAME: R-2246B sign designs
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 302
TYPE: D
QUANTITY: 1
SIGN WIDTH: 5'-0"
HEIGHT: 3'-0"
TOTAL AREA: 15.0 Sq.Ft.

BACKG COLOR: Brown
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	25.5	3.7	6	9

DESIGN BY: MB Toth
PROJECT ID: R-2246B
CHECKED BY: JT Brooks
DIV: 10
DATE: Dec 13, 2012



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.

NO. Z BARS: LENGTH:

MAT'L: 0.125" (3.2 mm) ALUMINUM

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	44
D 2000	16

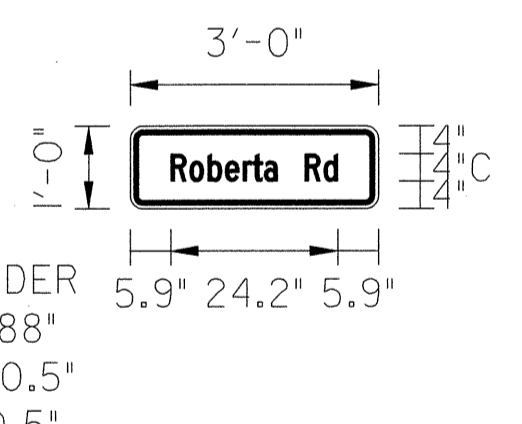
FILENAME: R-2246B sign designs
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 303,306
TYPE: D
QUANTITY: 2
SIGN WIDTH: 3'-0"
HEIGHT: 1'-0"
TOTAL AREA: 3.0 Sq.Ft.

BACKG COLOR: Yellow
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
AR_THRU	16.3	16.9	3	9.4
AR_THRU	16.2	4.7	3	9.4

DESIGN BY: MB Toth
PROJECT ID: R-2246B
CHECKED BY: JT Brooks
DIV: 10
DATE: Nov 09, 2012



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.

NO. Z BARS: LENGTH:

MAT'L: 0.080" (2.0 mm) ALUMINUM

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

Series/Size	Text Length
C 2000	24.2

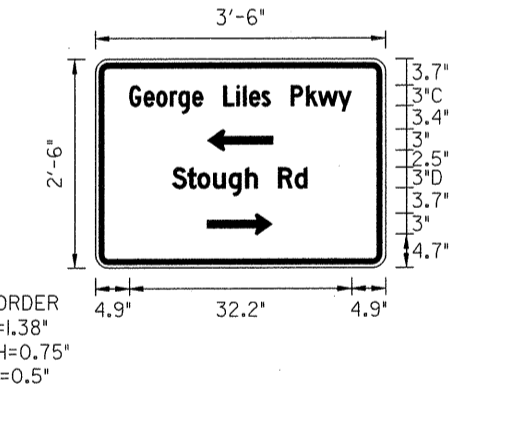
FILENAME: sign designs2
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 304
TYPE: D
QUANTITY: 1
SIGN WIDTH: 3'-6"
HEIGHT: 2'-6"
TOTAL AREA: 8.8 Sq.Ft.

BACKG COLOR: Yellow
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
AR_THRU	16.3	16.9	3	9.4
AR_THRU	16.2	4.7	3	9.4

DESIGN BY: MB Toth
PROJECT ID: R-2246B
CHECKED BY: JT Brooks
DIV: 10
DATE: Nov 09, 2012



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.

NO. Z BARS: LENGTH:

MAT'L: 0.080" (2.0 mm) ALUMINUM

Spacing Factor is 1 unless specified otherwise

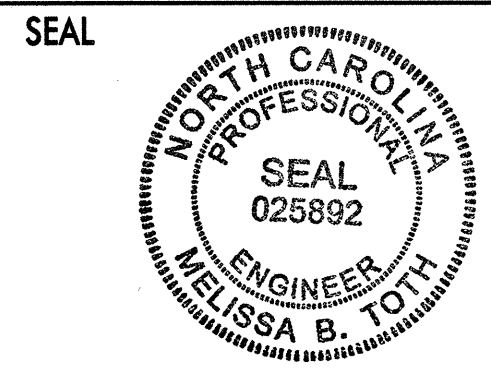
LETTER POSITIONS

Letter locations are panel edge to lower left corner

Series/Size	Text Length
C 2000	32.2
D 2000	19.5

FILENAME: sign designs2
NORTH CAROLINA D.O.T. SIGN DETAIL

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12054 AT RAL2UAI4307D



SIGN NUMBER: 305 BACKG COLOR: Yellow
 TYPE: D COPY COLOR: Black
 QUANTITY: 1
 SIGN WIDTH: 3'-6"
 HEIGHT: 2'-6"
 TOTAL AREA: 8.8 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0.5"
 WIDTH: 0.75"
 RADII: 1.38"
 NO. Z BARS: MAT'L: 0.080" (2.0 mm) ALUMINUM
 LENGTH:

SYMBOL	X	Y	WID	HT
AR_THRU	16.3	16.9	3	9.4
intersection arrow6	15.6	6	20.7	
intersection arrow1	3.7	6	20.7	
AR_THRU	15.8	4.7	3	9.4

DESIGN BY: MB Toth CHECKED BY:
 PROJECT ID: R-2246B DIV: 10 DATE: Nov 09, 2012

BORDER
 R=1.38"
 TH=0.75"
 IN=0.5"

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 locations are panel edge to lower left corner

Letter locations are panel edge to lower left corner																				Series/Size	Text Length	
g	e	o	r	g	e	L	i	l	e	s	P	k	w	y							C 2000	32.2
4.9	7.1	8.9	10.9	12.1	14.1	15.6	18.6	20.5	21.5	22.3	24.1	25.4	28.4	30.6	32.3	35.2						
s	t	o	u	g	h	R	d														D 2000	19.5
11.2	13.4	14.8	17.1	19.3	21.7	23.5	26.5	28.9														

FILENAME: sign designs2 NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 307 BACKG COLOR: Yellow
 TYPE: D COPY COLOR: Black
 QUANTITY: 1
 SIGN WIDTH: 3'-6"
 HEIGHT: 1'-0"
 TOTAL AREA: 3.5 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0.5"
 WIDTH: 0.5"
 RADII: 1.88"
 NO. Z BARS: MAT'L: 0.080" (2.0 mm) ALUMINUM
 LENGTH:

SYMBOL	X	Y	WID	HT

DESIGN BY: MB Toth CHECKED BY:
 PROJECT ID: R-2246B DIV: 10 DATE: Nov 09, 2012

BORDER
 R=1.88"
 TH=0.5"
 IN=0.5"

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

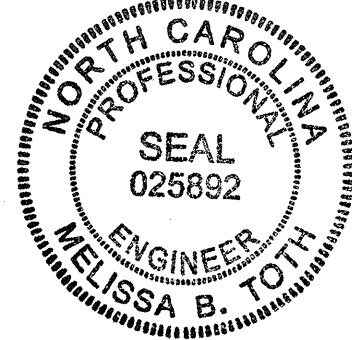
LETTER POSITIONS

Letter locations are panel edge to lower left corner

Letter locations are panel edge to lower left corner																Series/Size	Text Length					
w	e	d	d	i	n	g	t	o	n	R	d										C 2000	32.7
4.6	8	10.5	13.1	15.9	17.2	19.8	22.2	23.9	26.6	28.6	32.6	35.3										

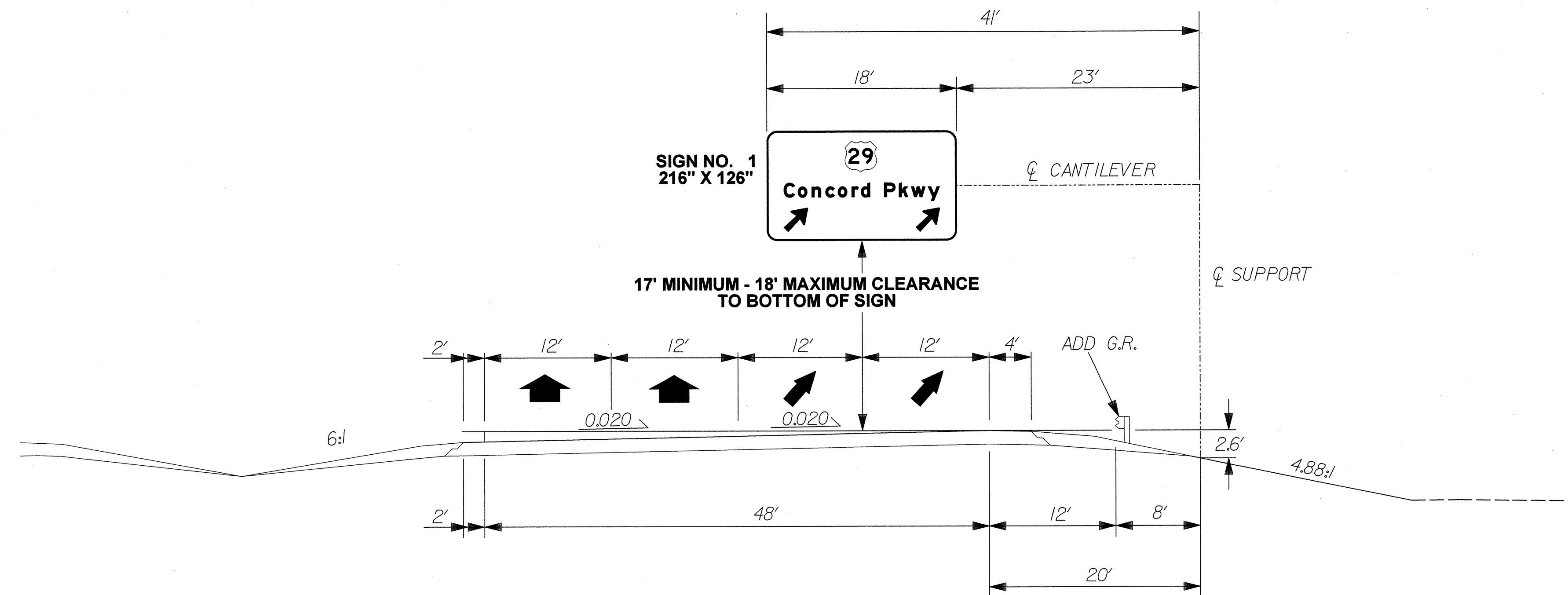
FILENAME: sign designs2 NORTH CAROLINA D.O.T. SIGN DETAIL

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 12054 AT RAL2UAI430YTD

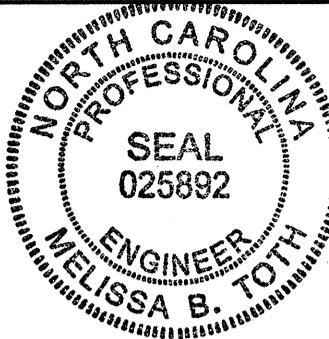
PROJ. REFERENCE NO. R-2246B	SHEET NO. SIGN-4H
APPROVED: <i>Melissa B. Toti</i> DATE: 1/04/13	
SEAL	
	

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.

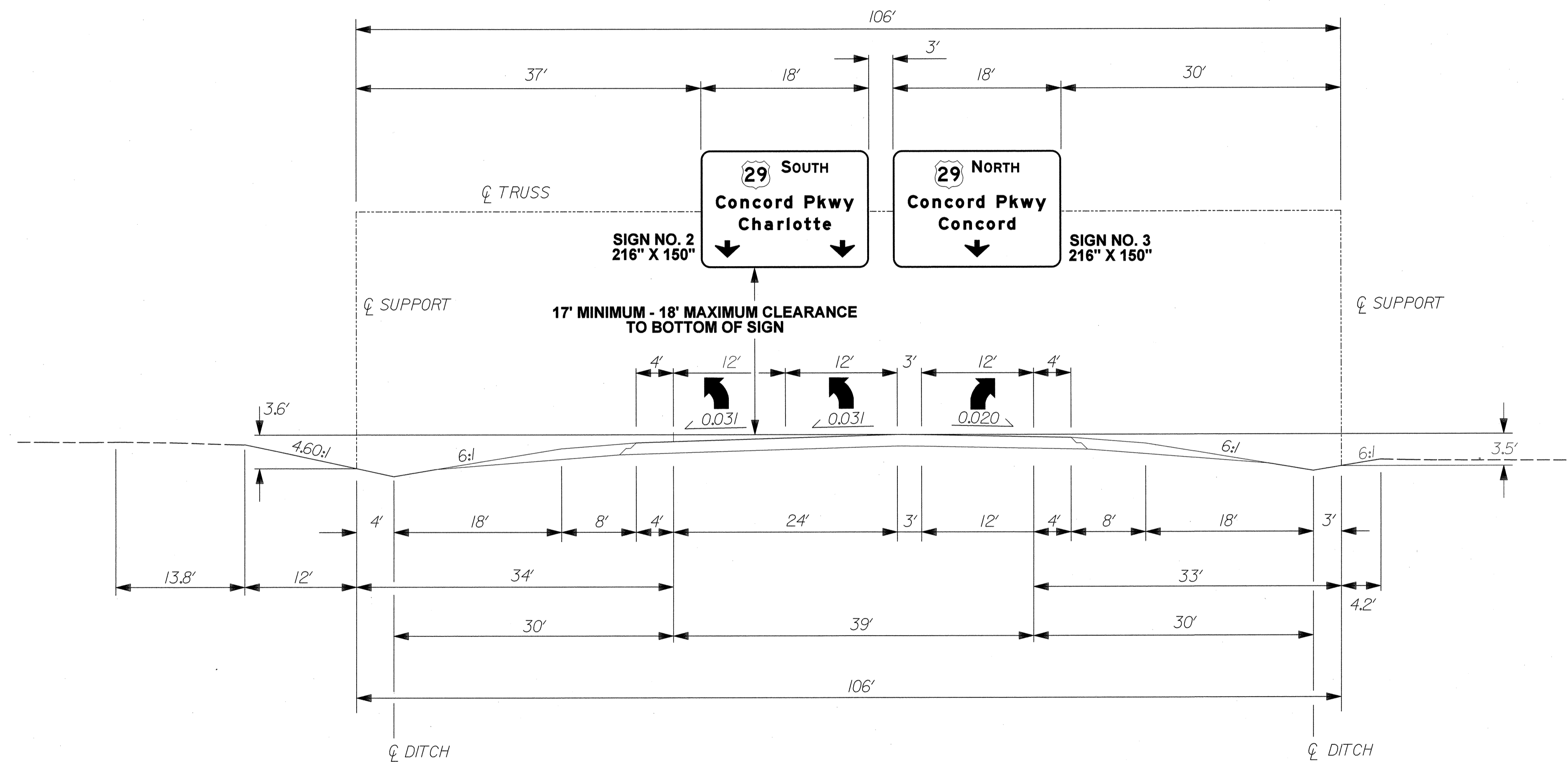


04-JAN-2013 09:43
 O:\Transportation\Traffic\Cur\00030391R-2246B 0L Pkwy SPM\Signing\structural\line drawings.dgn
 12054 AT RAL20143077D

PROJ. REFERENCE NO.	SHEET NO.
R-2246B	SIGN-4I
APPROVED: <i>Melissa B. Toth</i>	DATE: 1/04/13
SEAL	
	

NOTES:

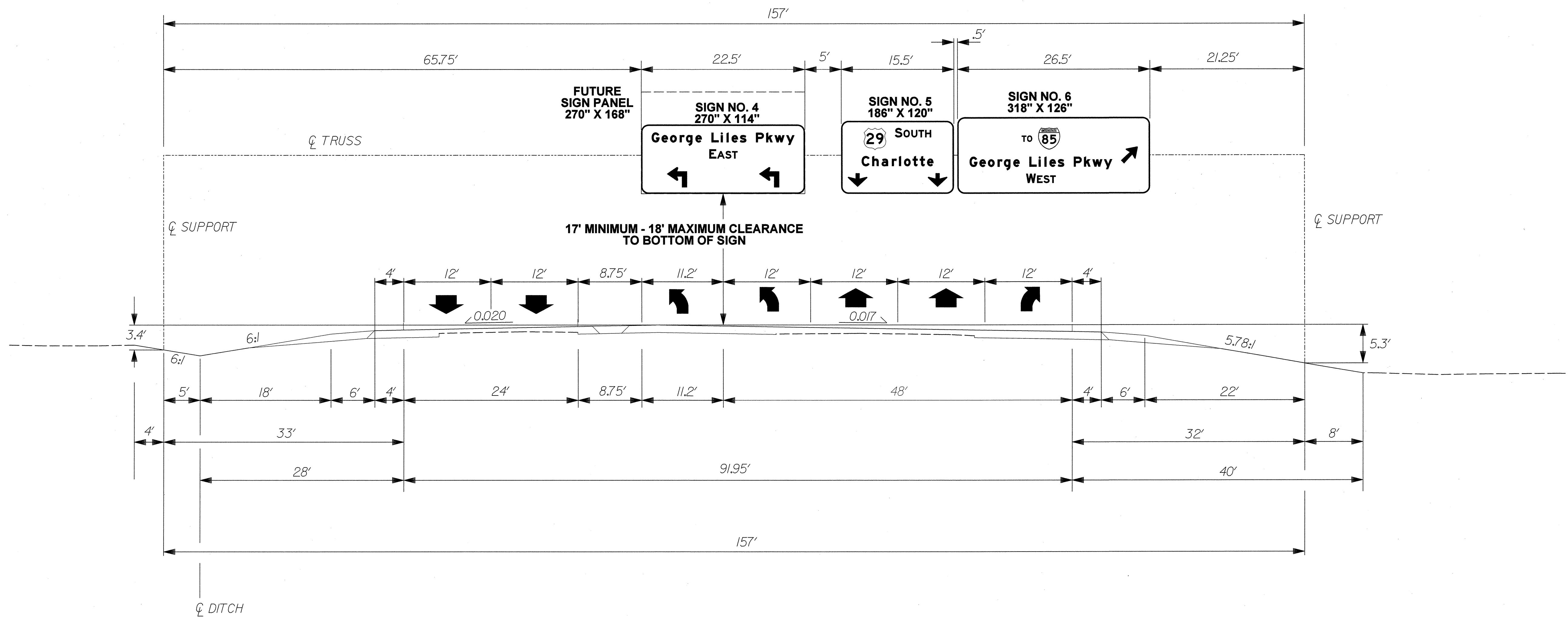
1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 4 INCHES AND NOT MORE THAN 24 INCHES ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.



04-JAN-2013 09:43
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 12054 AT RAL2UAI43077D

NOTES:

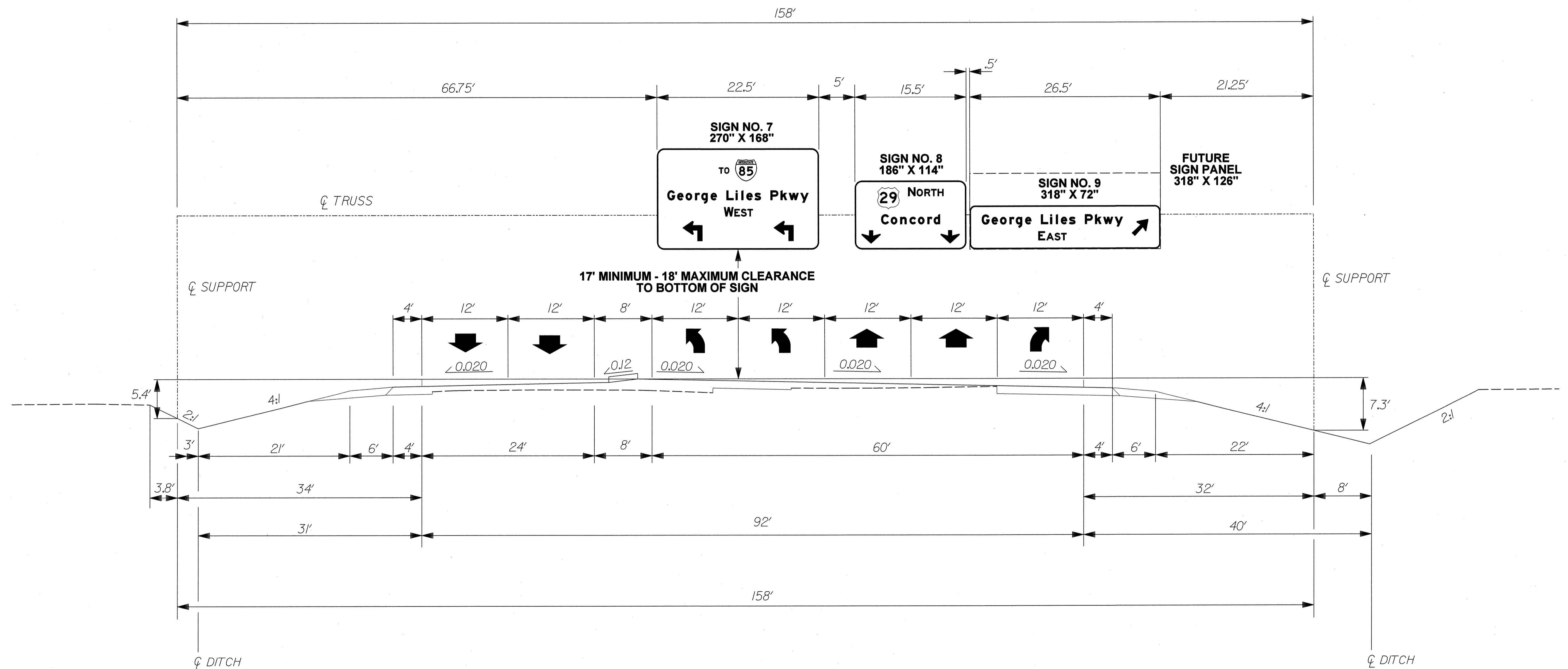
- IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
- MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
- FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE 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.



04-JAN-2013 09:43
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 12054 AT RAL2UAI#3017D

NOTES:

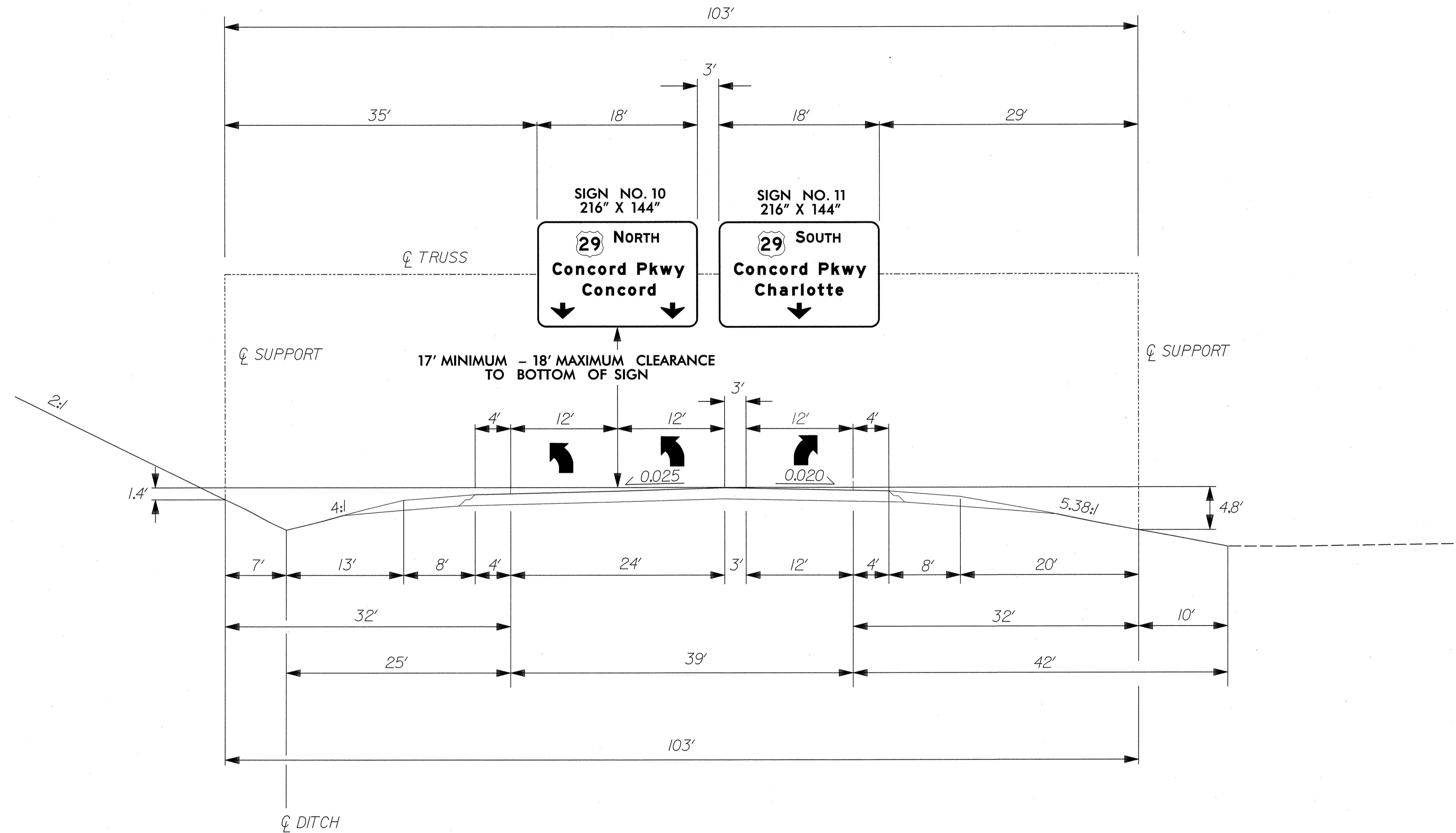
- IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
- MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
- FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
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- 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.



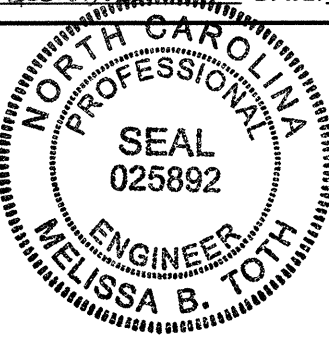
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 12054 AT RALC244301710

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.PH.

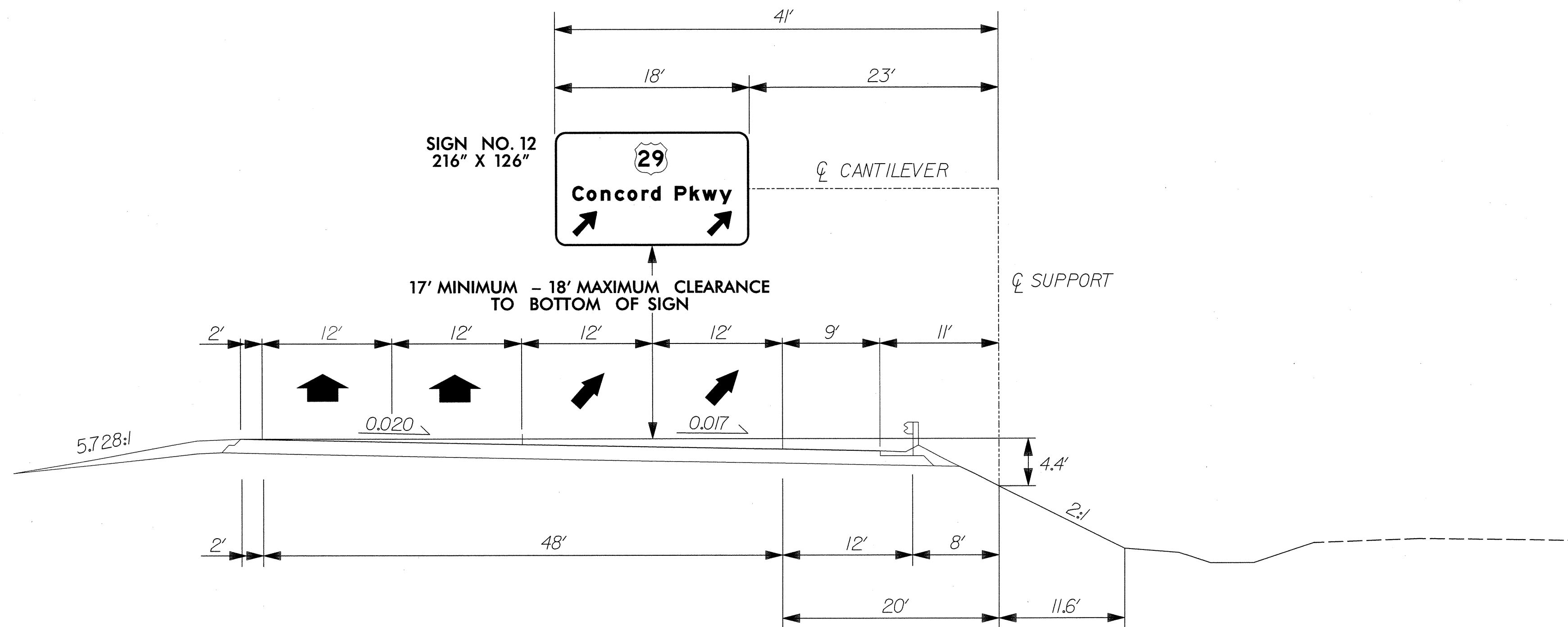


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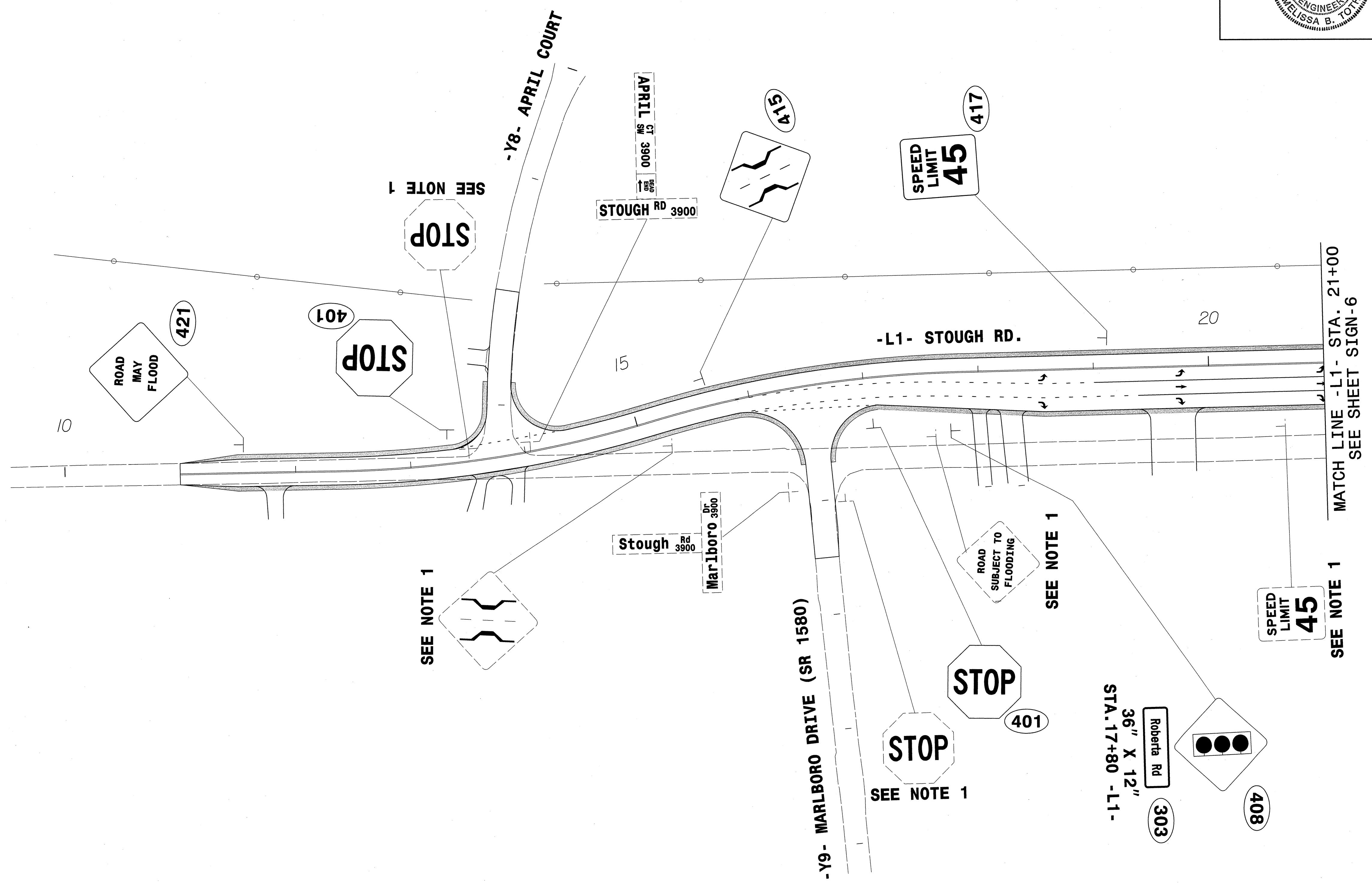
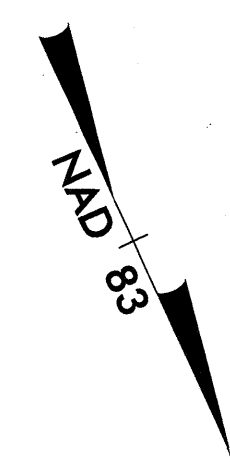
PROJ. REFERENCE NO.	SHEET NO.
R-2246B	SIGN-4M
APPROVED: <i>Melissa B. Toti</i>	DATE: 1/24/13
	

NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 4 INCHES AND NOT MORE THAN 24 INCHES ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.



04-JAN-2013 09:43
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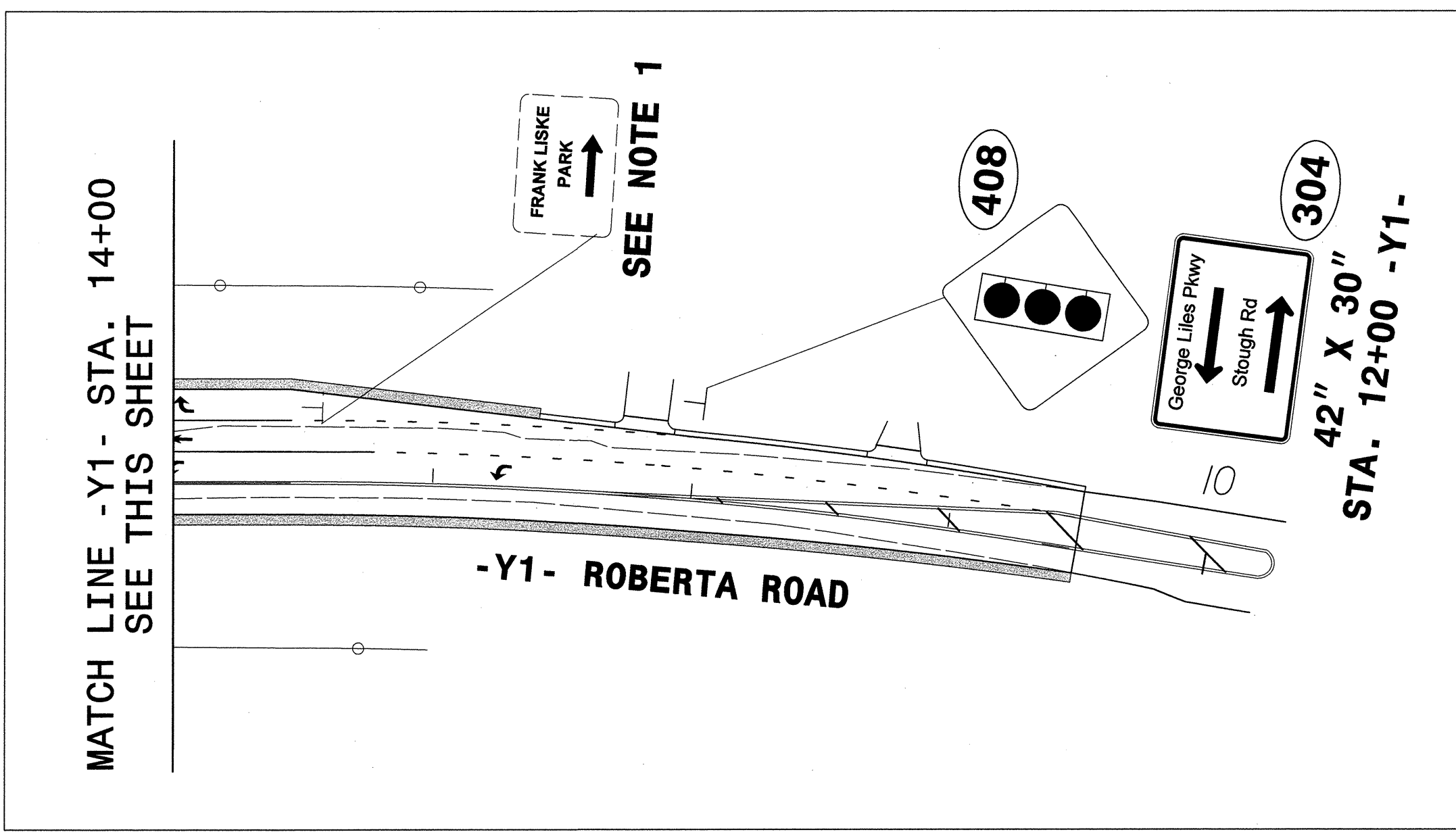
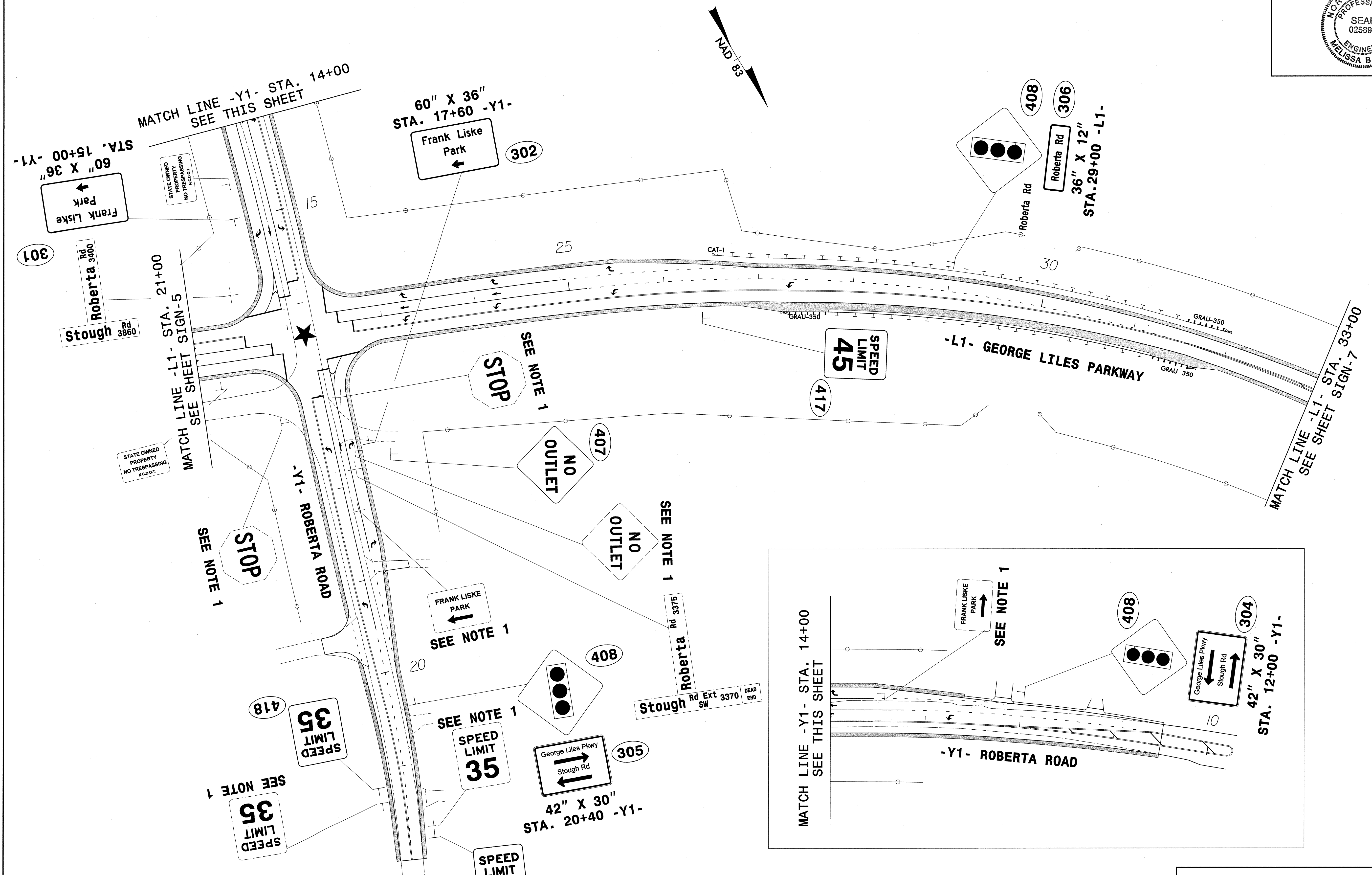


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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 310
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBES #F-0326


EXISTING & PROPOSED SIGNS
 -L1- STA. 11+00 TO STA. 21+00
 STOUGH ROAD

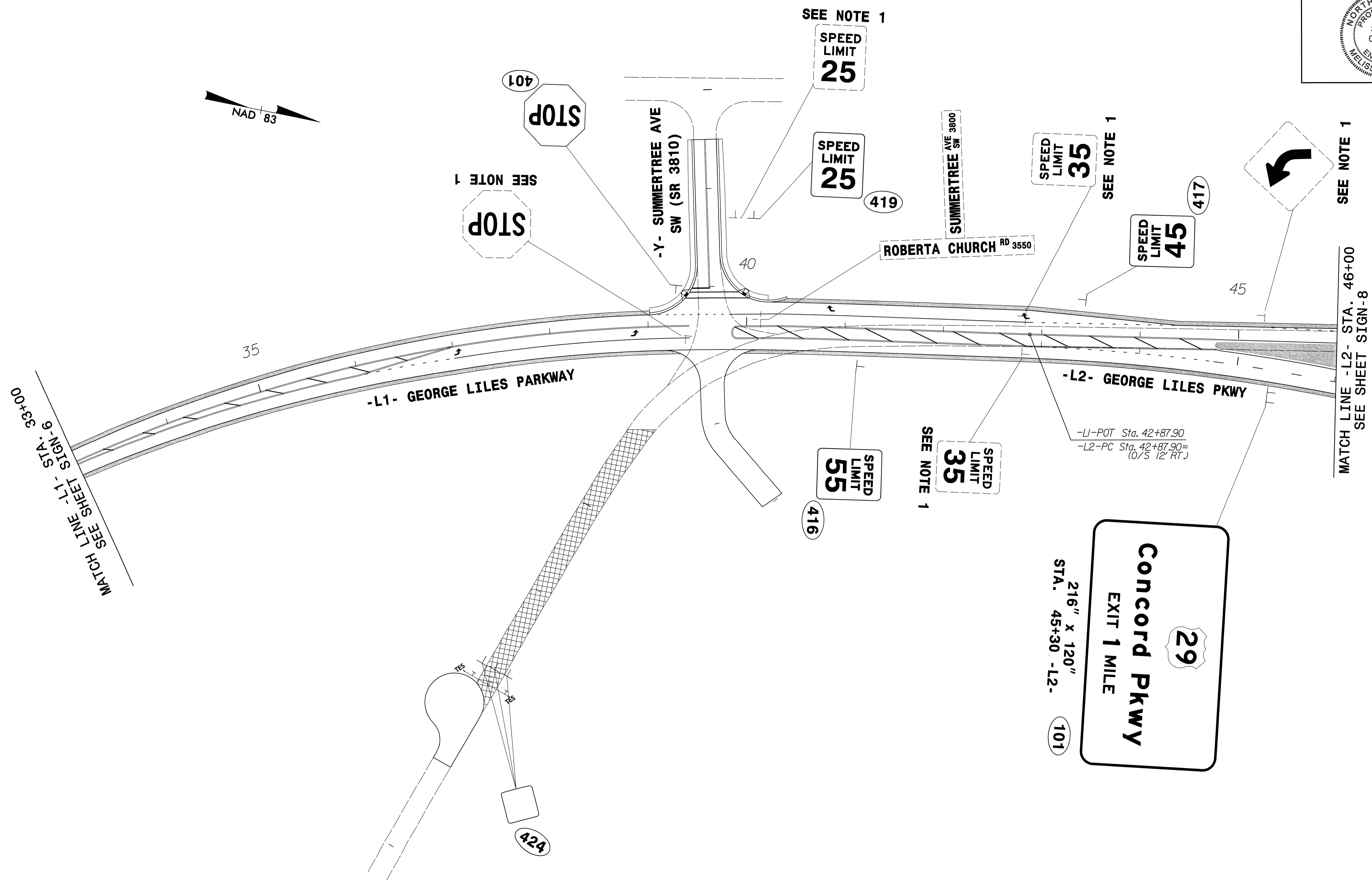
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 2094 - AT PAL2044501.D



ATKINS 1616 EAST MILLBROOK ROAD, SUITE 310
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEEES #F-0326

EXISTING & PROPOSED SIGNS
 -L1- STA. 21+00 TO STA. 33+00
 -Y1- STA. 10+50 TO STA. 22+00


PROJ. REFERENCE NO. R-2246B	SHEET NO. SIGN-7
APPROVED: <i>MB</i>	DATE: 1-23-13
SEAL	
	

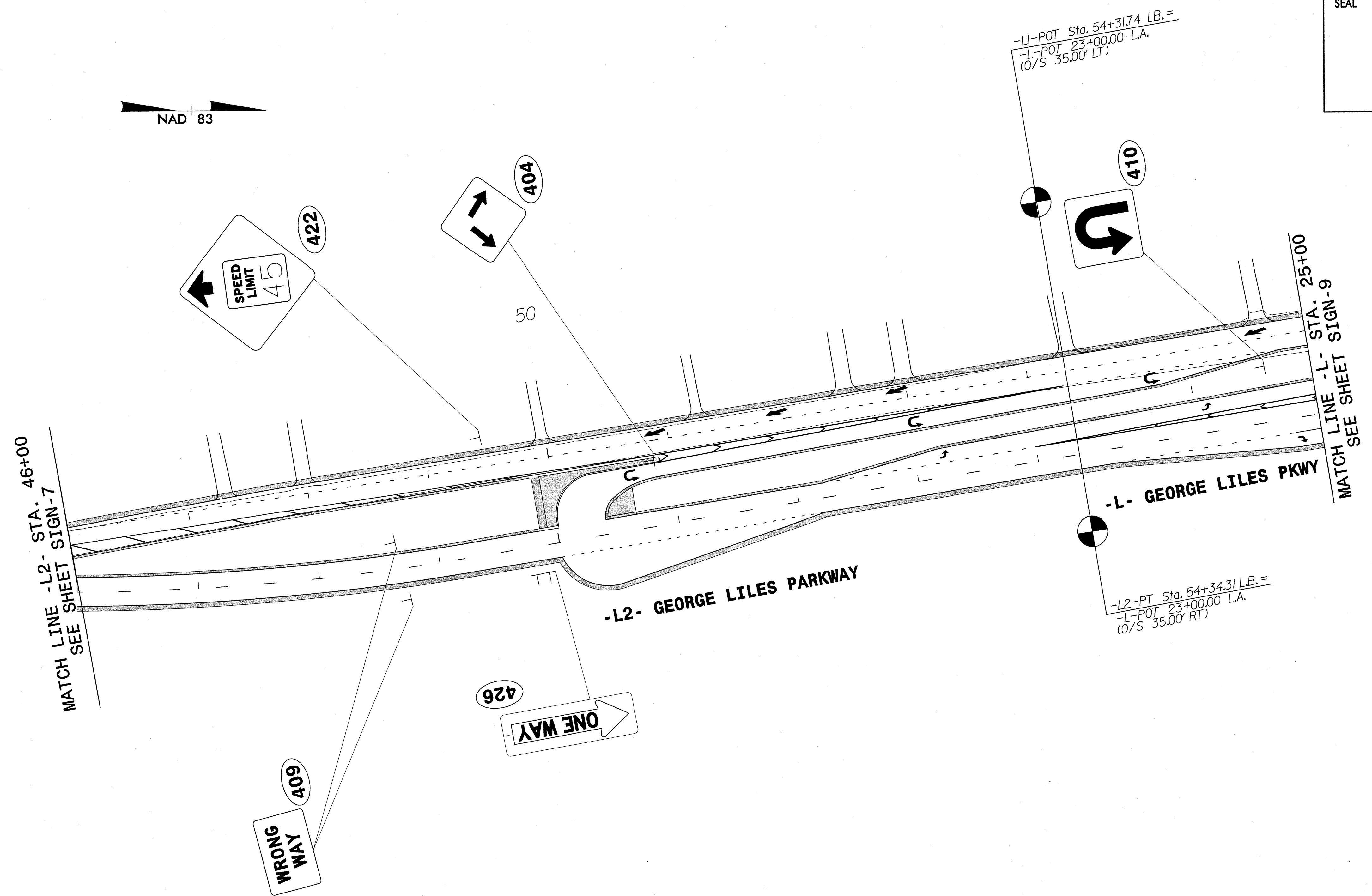
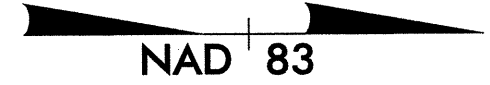


23-JAN-2013 13:02
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ATKINS 1616 EAST MILLBROOK ROAD, SUITE 310
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEEES #F-0326

EXISTING & PROPOSED SIGNS
 -L1- STA. 33+00 TO
 -L2- STA. 46+00

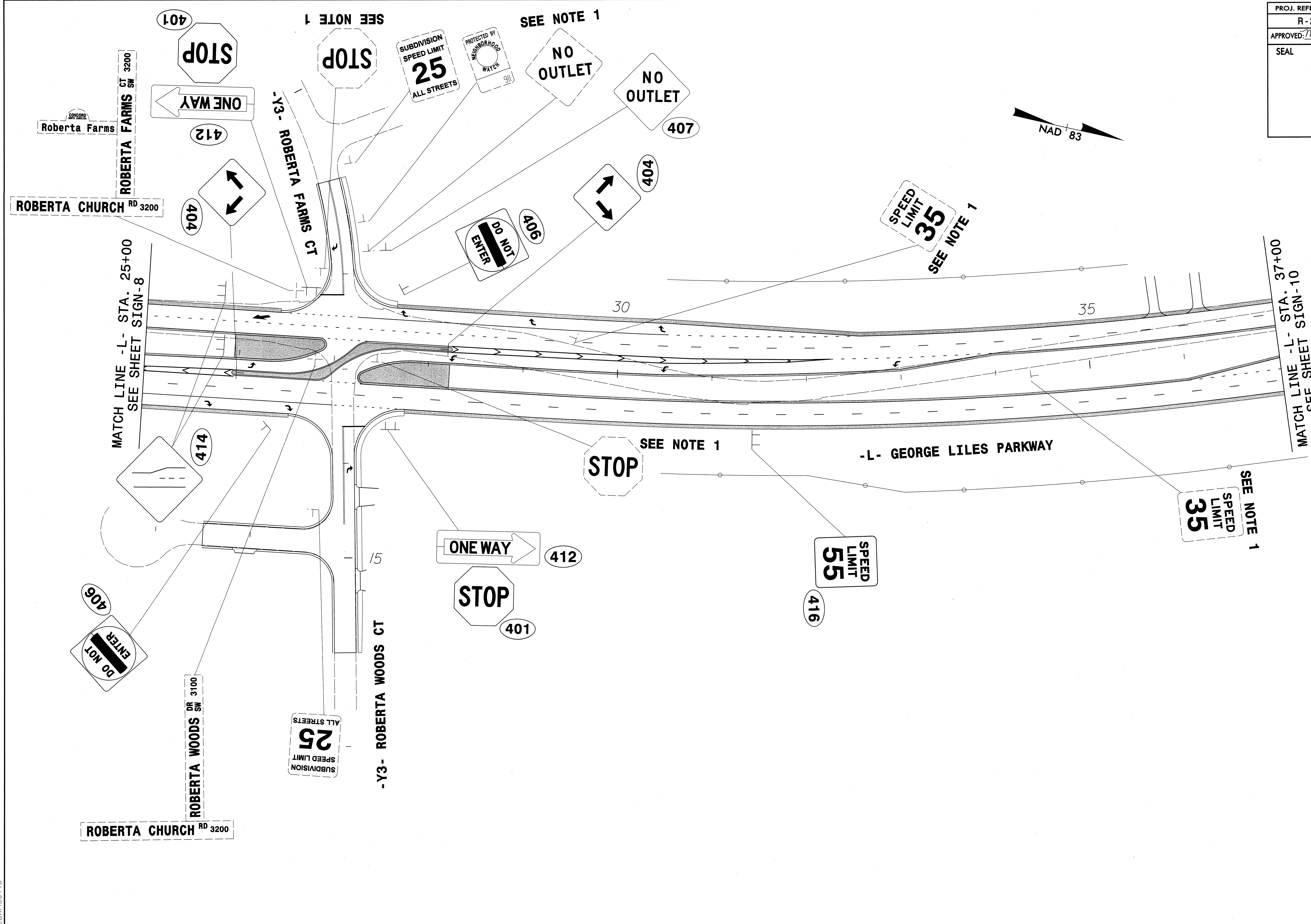
PROJ. REFERENCE NO.	SHEET NO.
R-2246B	SIGN-8
APPROVED: <i>Melissa B. Toth</i>	DATE: 1/04/13
SEAL	
	



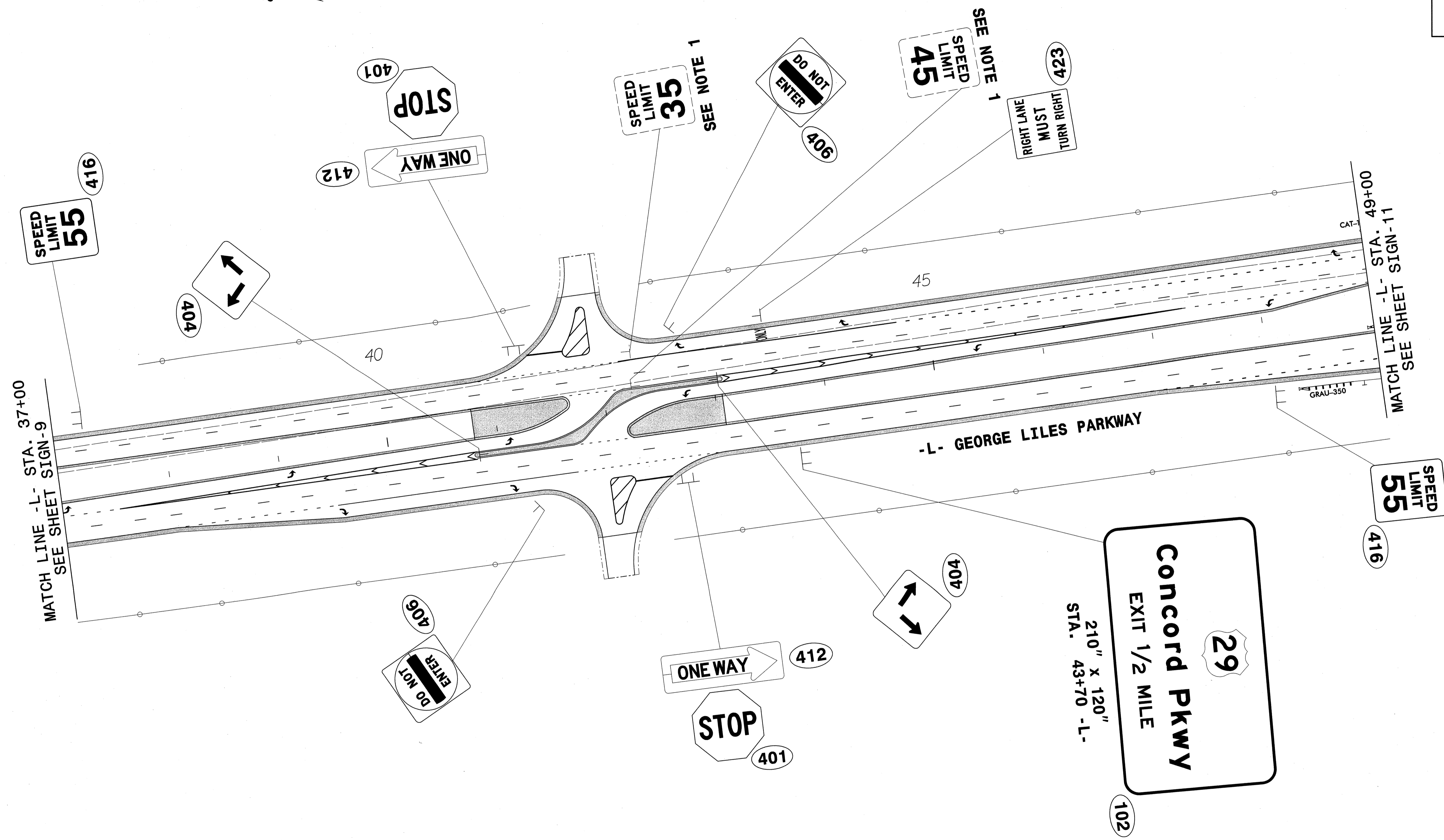
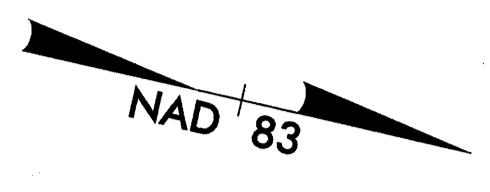
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 12054 AT RAL2UAI4307FD

ATKINS 1616 EAST MILLBROOK ROAD, SUITE 310
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBES #F-0326

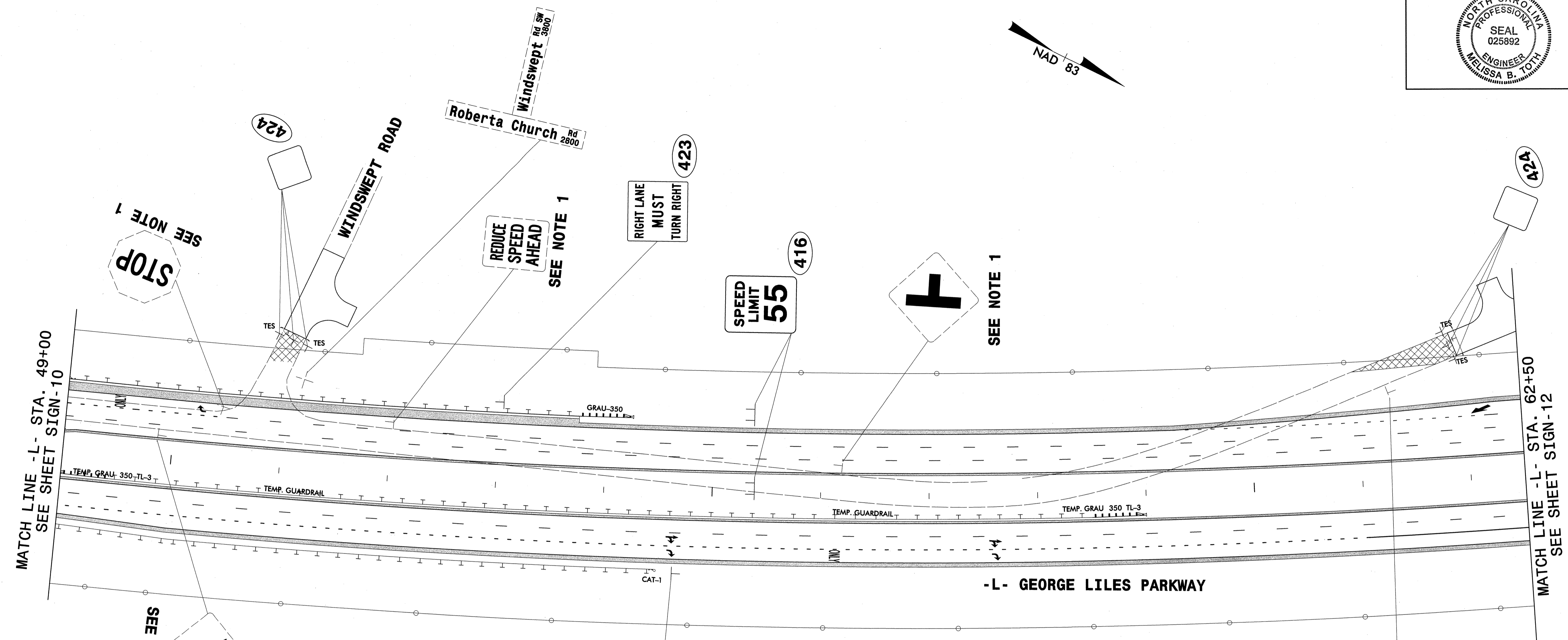
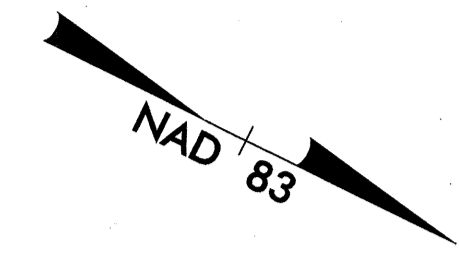
EXISTING & PROPOSED SIGNS
 -L2- STA. 46+00 TO
 -L- STA. 25+00



04-JAN-2013 08:59
 O:\Transportation\Traffic\Curr\100030391R-2246B GL Pkwy SPM\Signing\proposed signs psh05.dgn
 12054 AT RAL2U4430YTD



04-JAN-2013 08:59
 G:\Transportation\Traffic\Curr\100030391R-2246B GL Pkwy SPM\Signing\proposed signs psh06.dgn
 12054 AT RAL2UAI430YTD



MATCH LINE -L- STA. 49+00
SEE SHEET SIGN-10

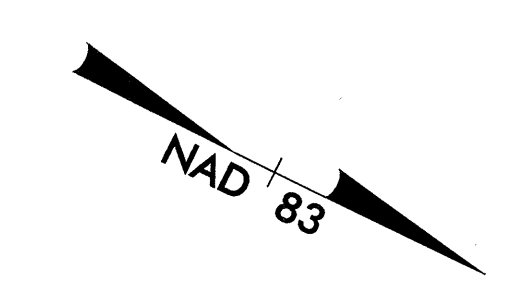
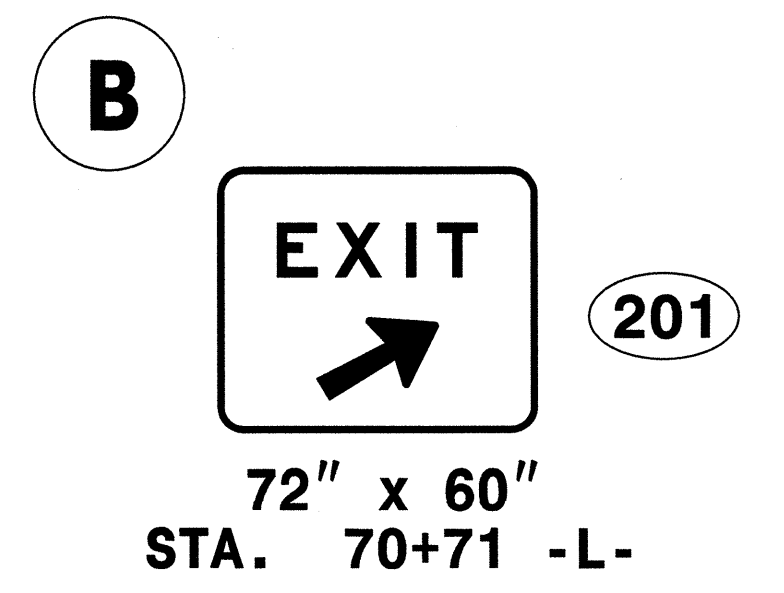
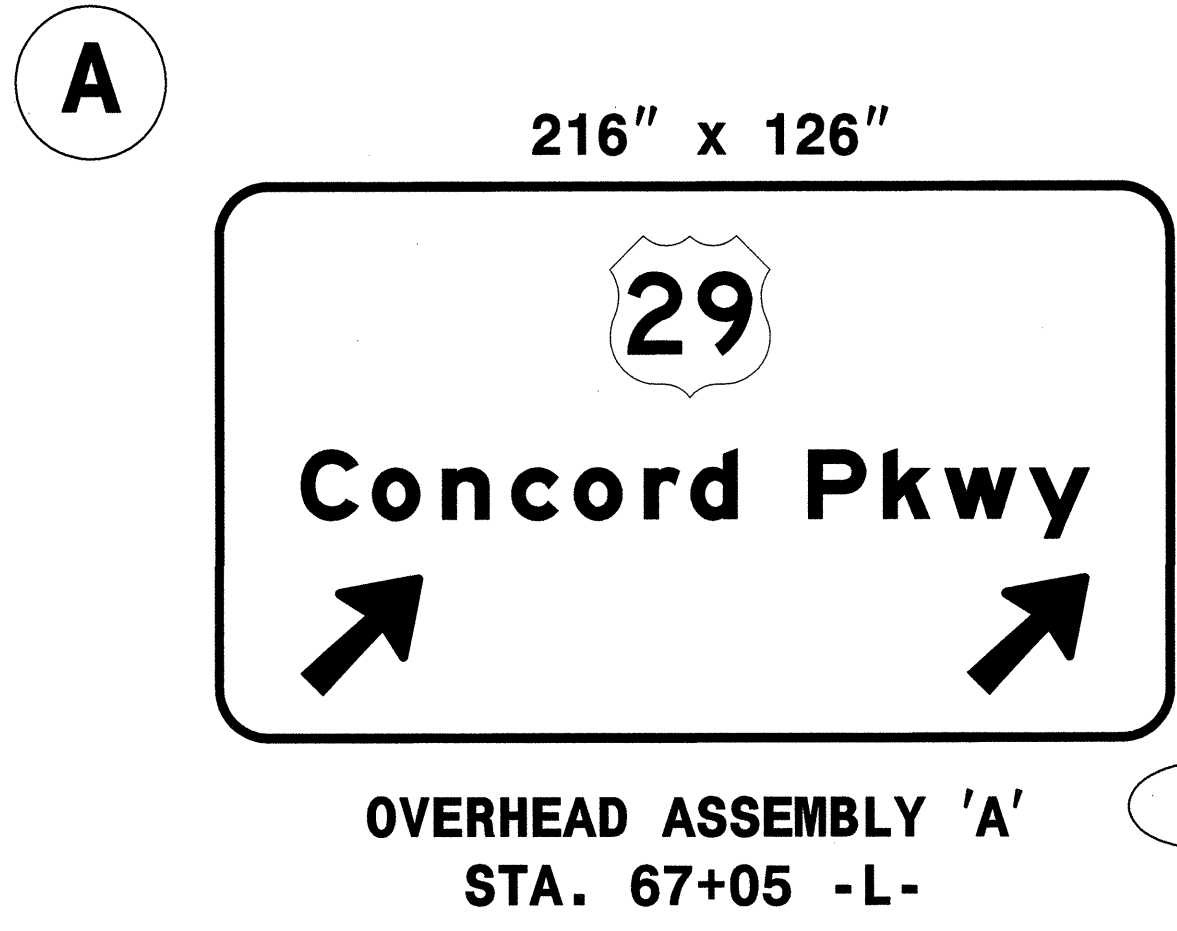
MATCH LINE -L- STA. 62+50
SEE SHEET SIGN-12

-L- GEORGE LILES PARKWAY

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 2094 AT RAL2JAN14301FD

ATKINS 1616 EAST MILLBROOK ROAD, SUITE 310
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEES #F-0326

EXISTING & PROPOSED SIGNS
 -L- STA. 49+00 TO STA. 62+50
 GEORGE LILES PARKWAY



MATCH LINE
-Y2REV- STA. 18+00
SEE SHEET SIGN-19

MATCH LINE -L- STA. 62+50
SEE SHEET SIGN-11

MATCH LINE -L- STA. 75+00
SEE SHEET SIGN-20 & 21

-L- GEORGE LILES PARKWAY

OAKVIEW RD

ROBERTA CHURCH RD 2550

SR 1310 ROBERTA CHURCH RD

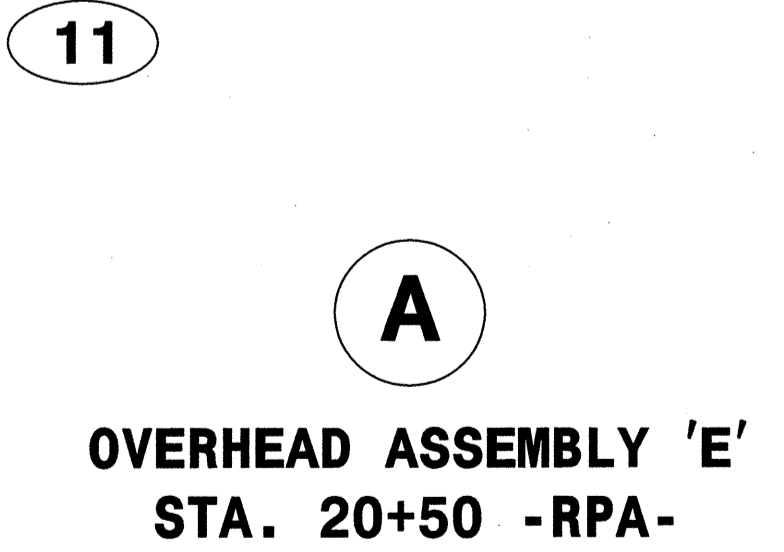
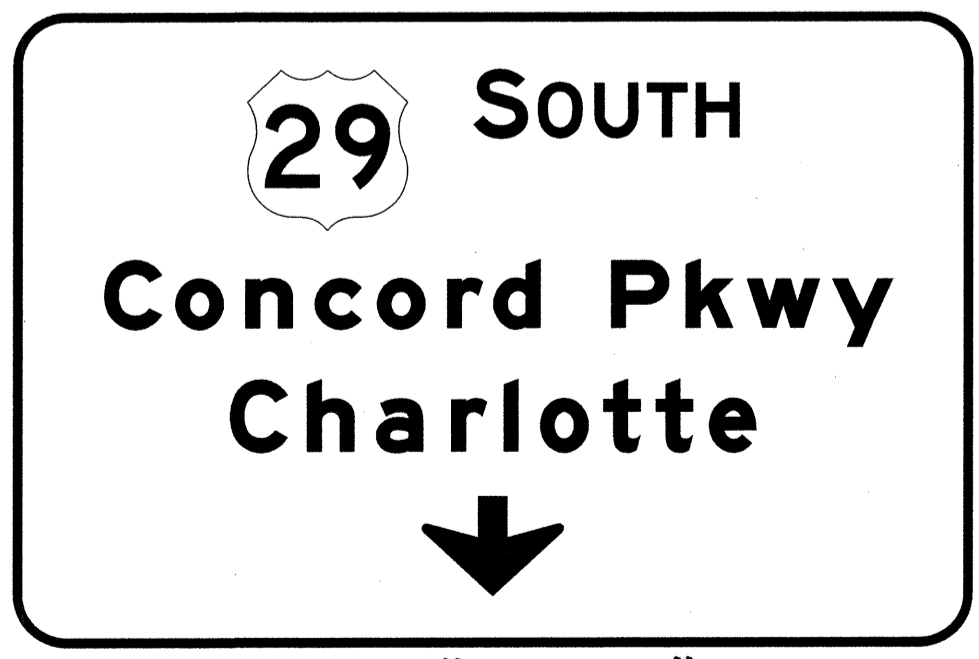
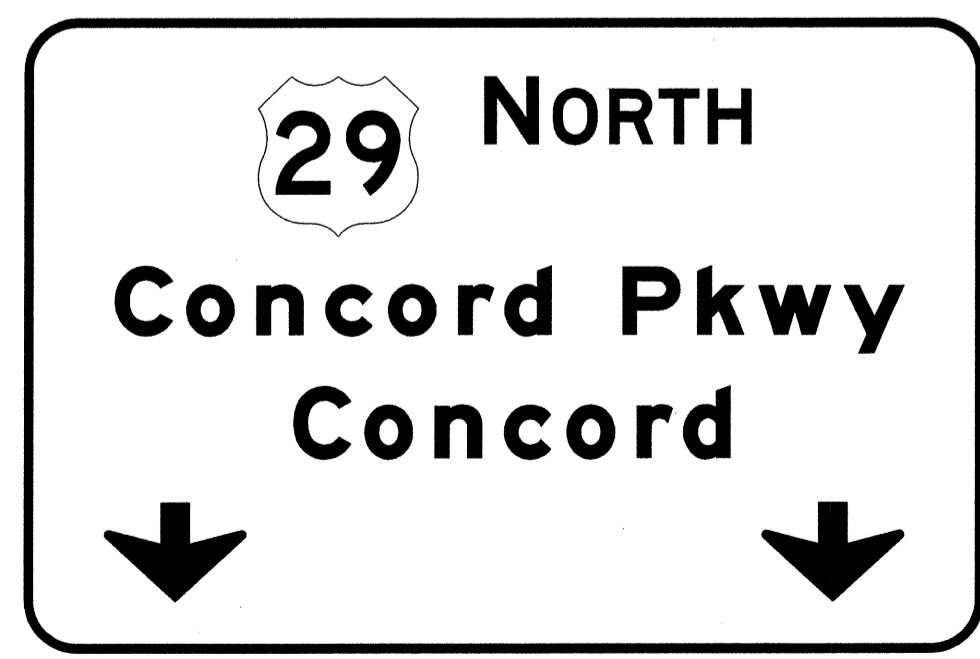
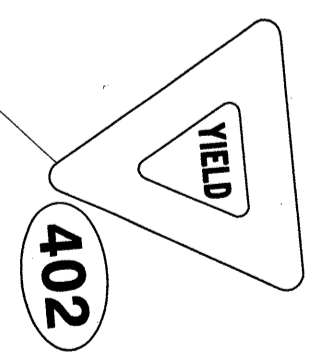
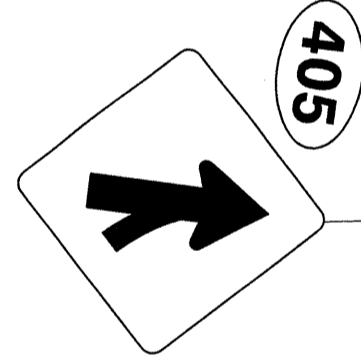
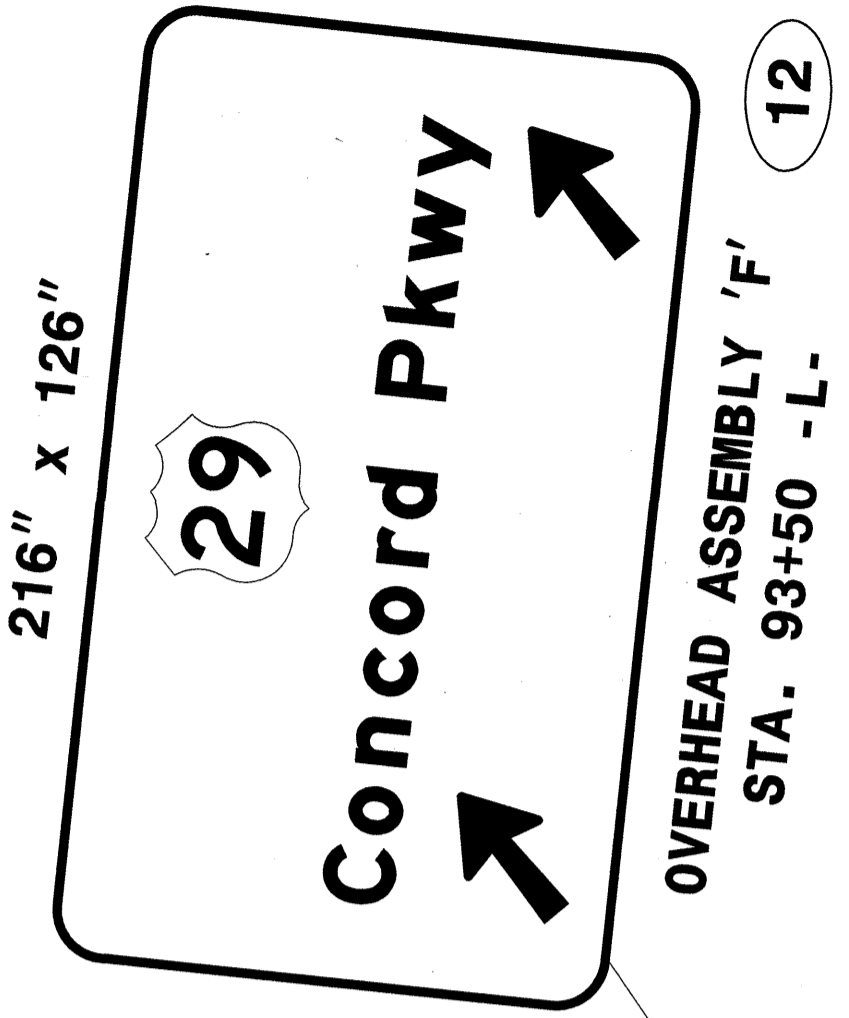
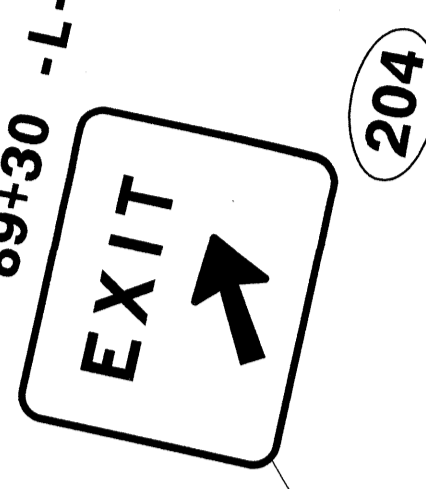
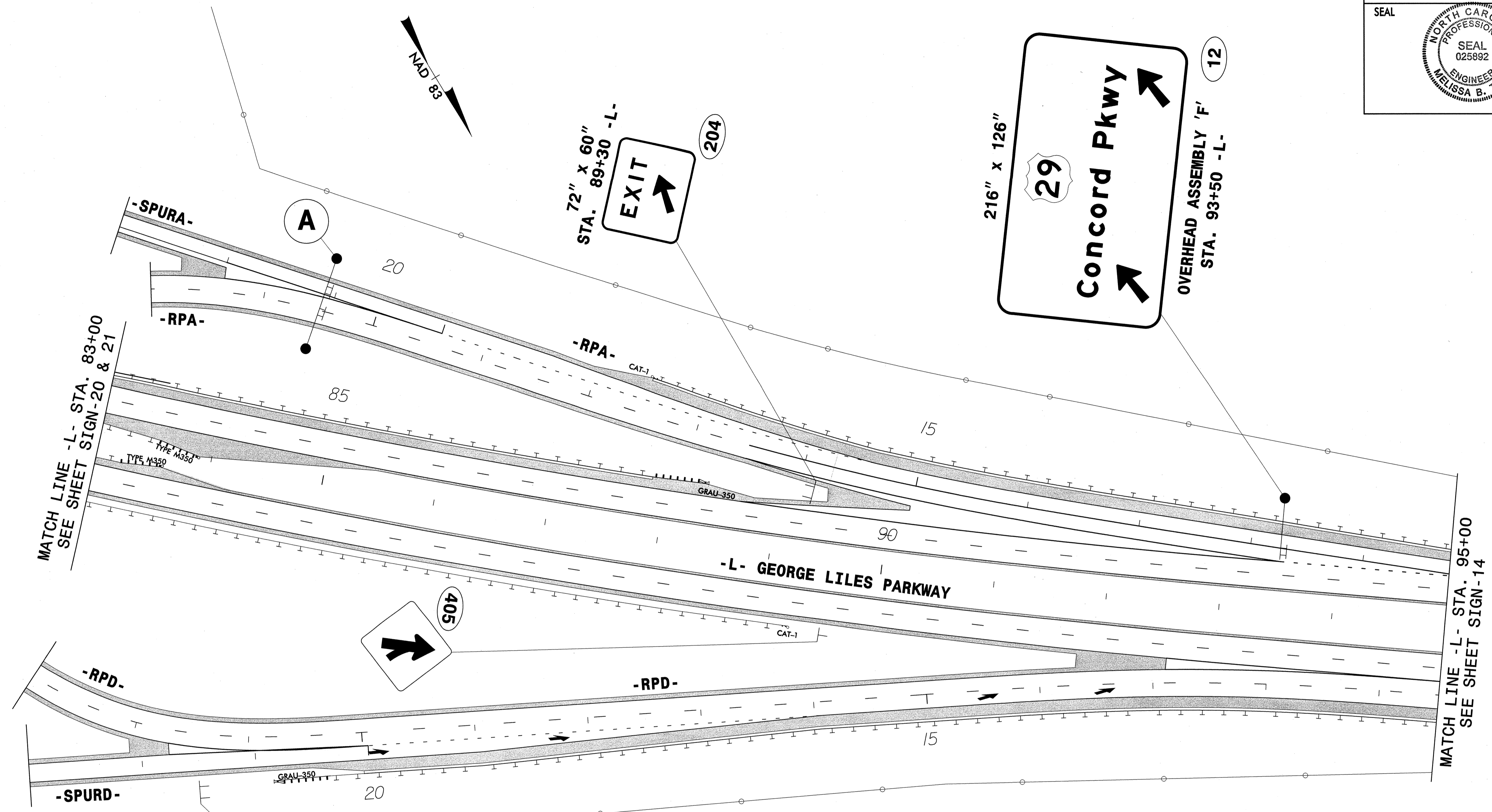
B

A

ATKINS 1616 EAST MILLBROOK ROAD, SUITE 310
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBEES #F-0326

EXISTING & PROPOSED SIGNS
-L- STA. 62+00 TO STA. 75+00
GEORGE LILES PARKWAY

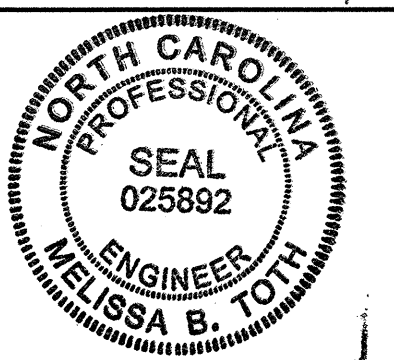
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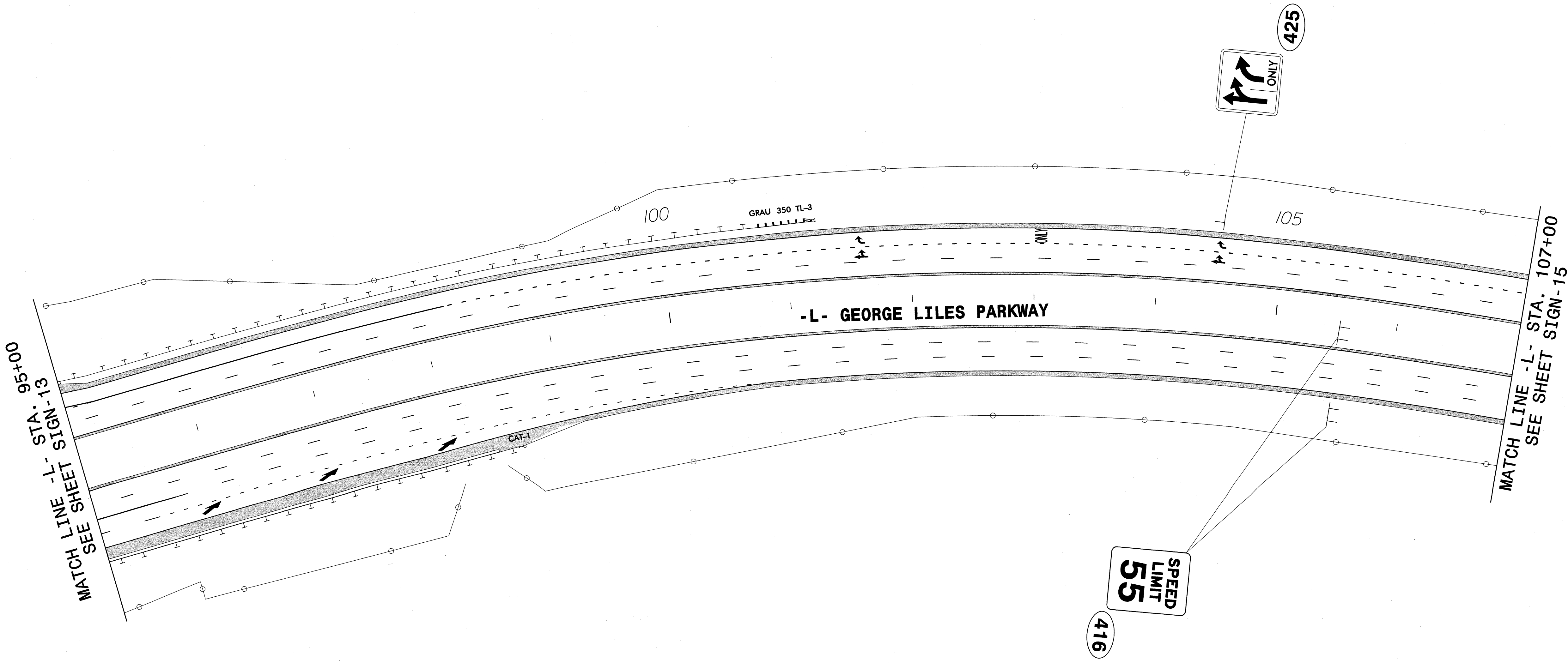
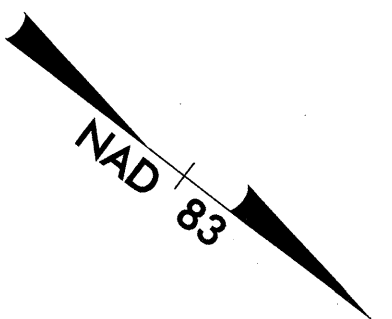


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 12054 AT RAL2U0430YTD

ATKINS 1616 EAST MILLBROOK ROAD, SUITE 310
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEES #F-0326

EXISTING & PROPOSED SIGNS
 -L- STA. 83+00 TO STA. 95+00
 GEORGE LILES PARKWAY

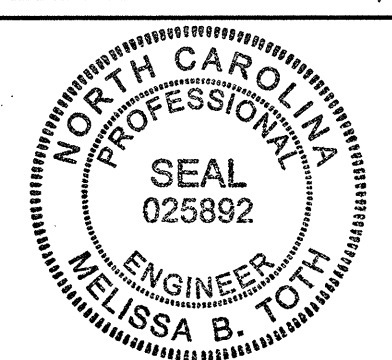
PROJ. REFERENCE NO.	SHEET NO.
R-2246B	SIGN-14
APPROVED: <i>Melissa Toth</i>	DATE: 1/04/13
SEAL	
	

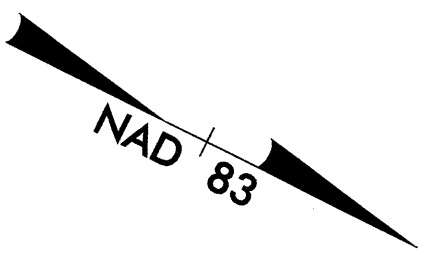


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 12054 AT RAL2U0450Y7D

ATKINS 1616 EAST MILLBROOK ROAD, SUITE 310
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBES #F-0326

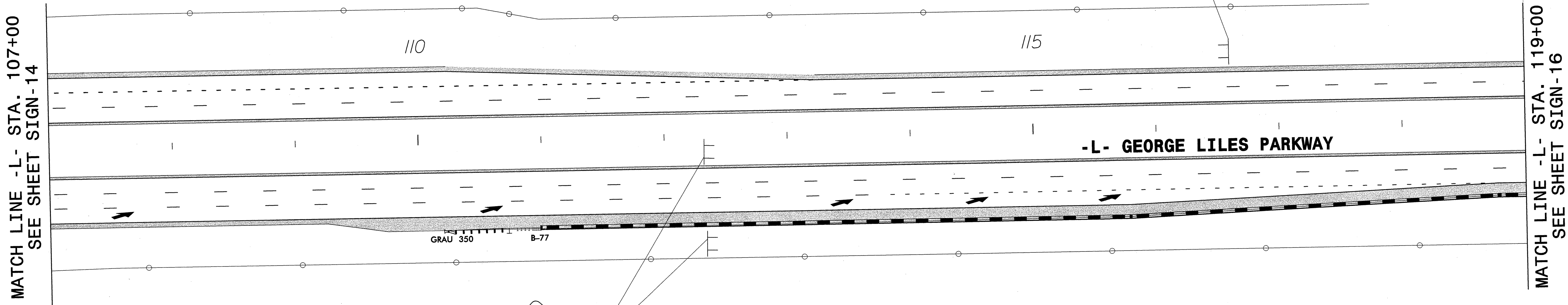
EXISTING & PROPOSED SIGNS
 -L- STA. 95+00 TO STA. 107+00
 GEORGE LILES PARKWAY

PROJ. REFERENCE NO.	SHEET NO.
R-2246B	SIGN-15
APPROVED: <i>Missi Ath</i> DATE: 1/04/13	
SEAL	
	



29
Concord Pkwy
 EXIT 1/2 MILE

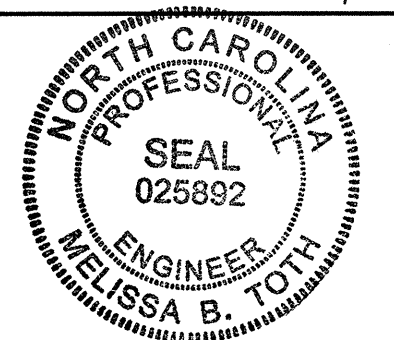
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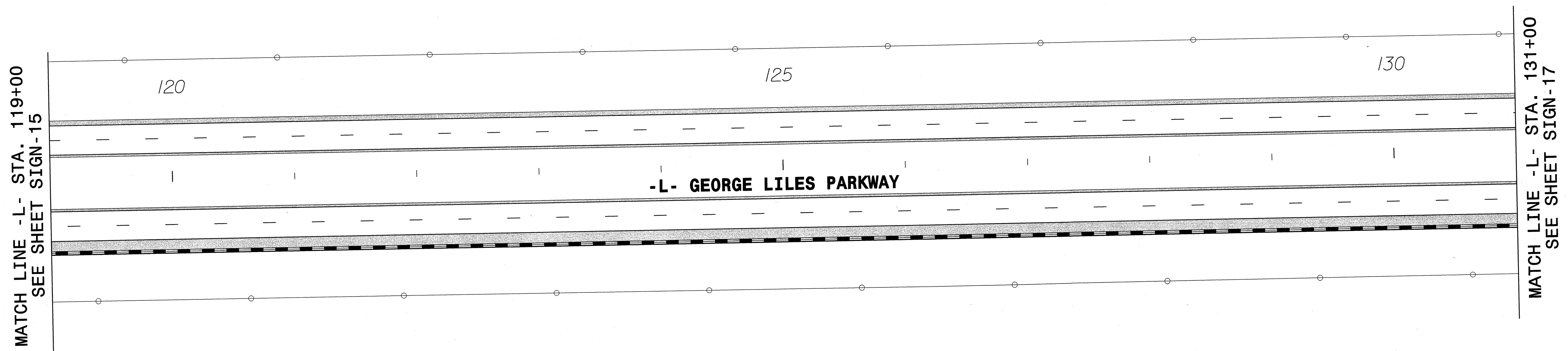
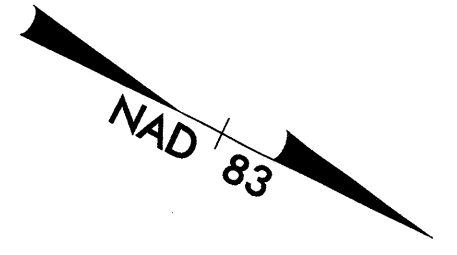
 210" x 120"
 STA. 116+60 -L-


04-JAN-2013 08:59
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 AT RAL2UAI4307FD

ATKINS 1616 EAST MILLBROOK ROAD, SUITE 310
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEES #F-0326

EXISTING & PROPOSED SIGNS
 -L- STA. 107+00 TO STA. 119+00
 GEORGE LILES PARKWAY

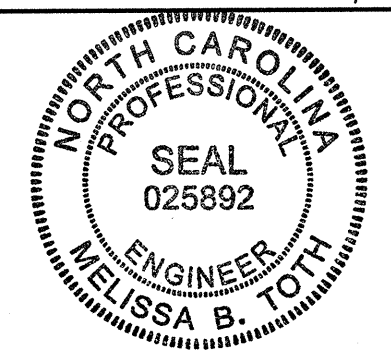
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R-2246B	SIGN-16
APPROVED: <i>Melissa B. Toth</i>	DATE: 1/04/13
SEAL	
	

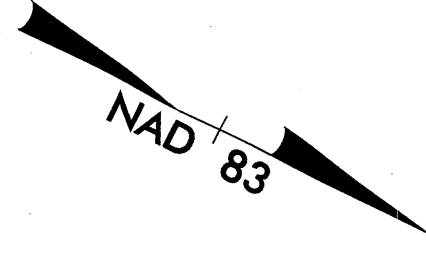


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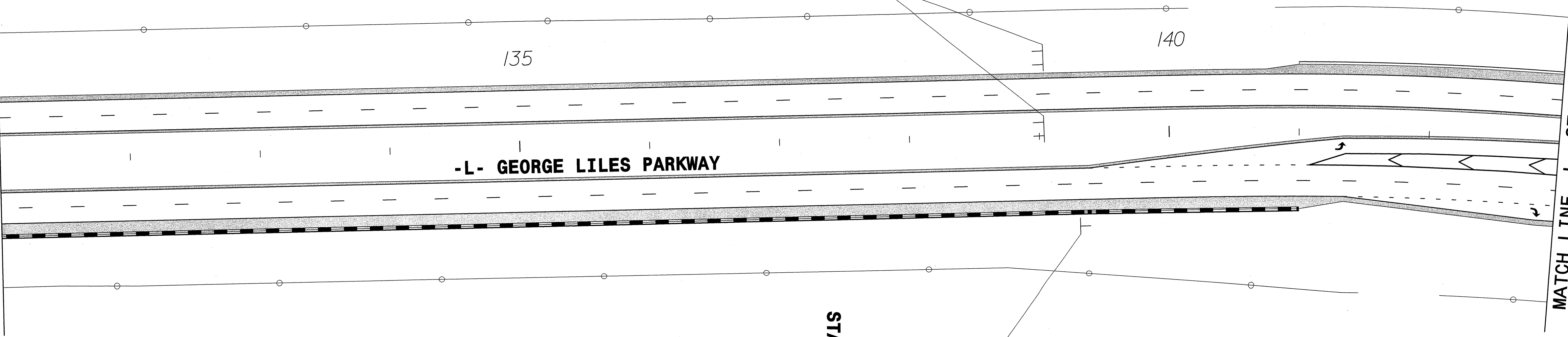
ATKINS 1616 EAST MILLBROOK ROAD, SUITE 310
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBES #F-0326

EXISTING & PROPOSED SIGNS
-L- STA. 119+00 TO STA. 131+00
GEORGE LILES PARKWAY

PROJ. REFERENCE NO. R-2246B	SHEET NO. SIGN-17
APPROVED: <i>Missi</i>	DATE: 1/04/13
SEAL	
	



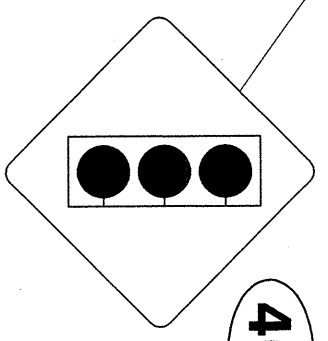
MATCH LINE -L- STA. 131+00
SEE SHEET SIGN-16



MATCH LINE -L- STA. 143+00
SEE SHEET SIGN-18

STA. 139+30 -L-
42" x 12"

Weddington Rd
307



408


SPEED
LIMIT
55
416

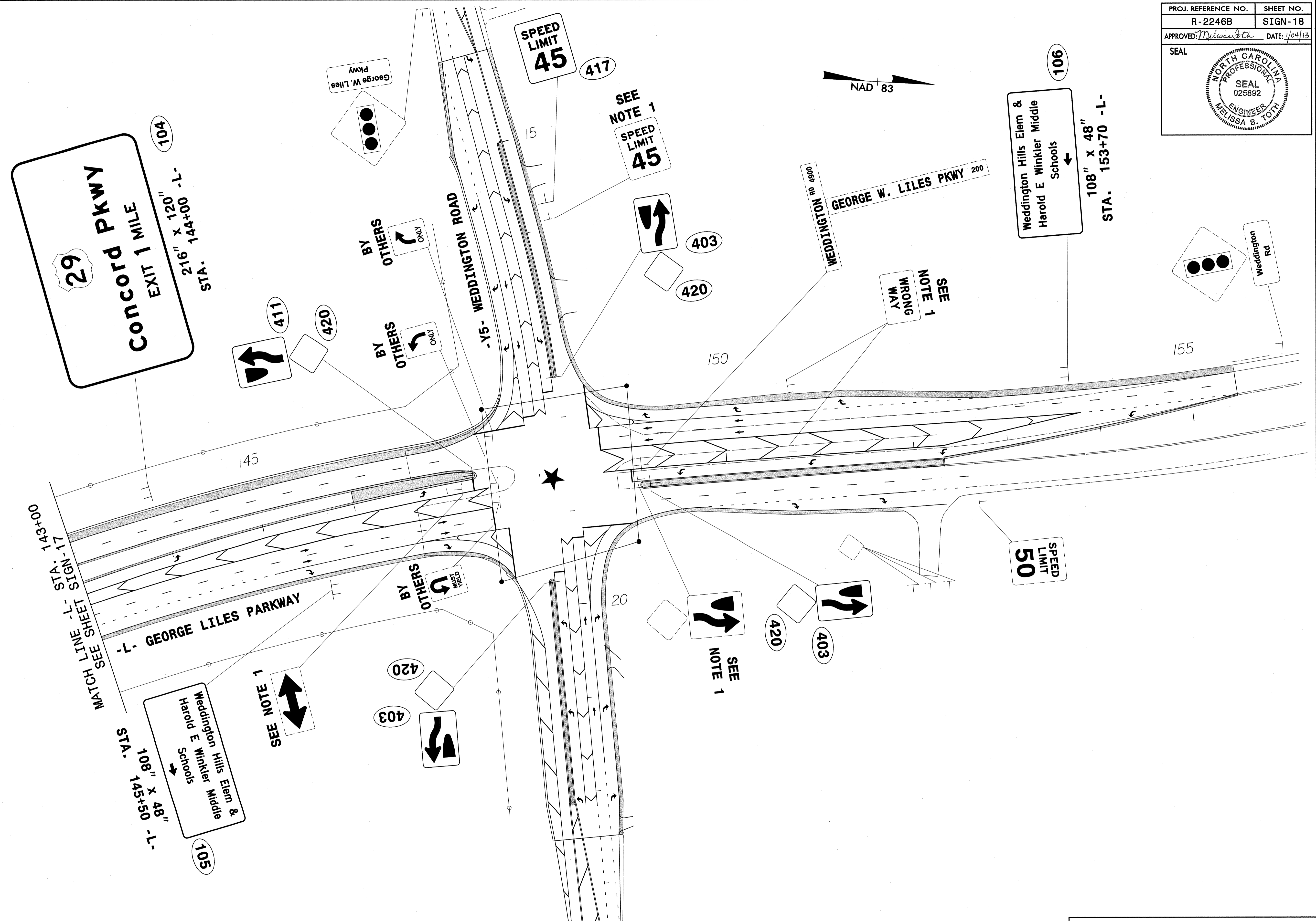
-L- GEORGE LILES PARKWAY

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 12054 AT RAL2UA4501.D

ATKINS 1616 EAST MILLBROOK ROAD, SUITE 310
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEES #F-0326

EXISTING & PROPOSED SIGNS
 -L- STA. 131+00 TO STA. 143+00
 GEORGE LILES PARKWAY

PROJ. REFERENCE NO.	SHEET NO.
R-2246B	SIGN-18
APPROVED: <i>Melissa B. Toth</i>	DATE: 1/04/13
SEAL	
	

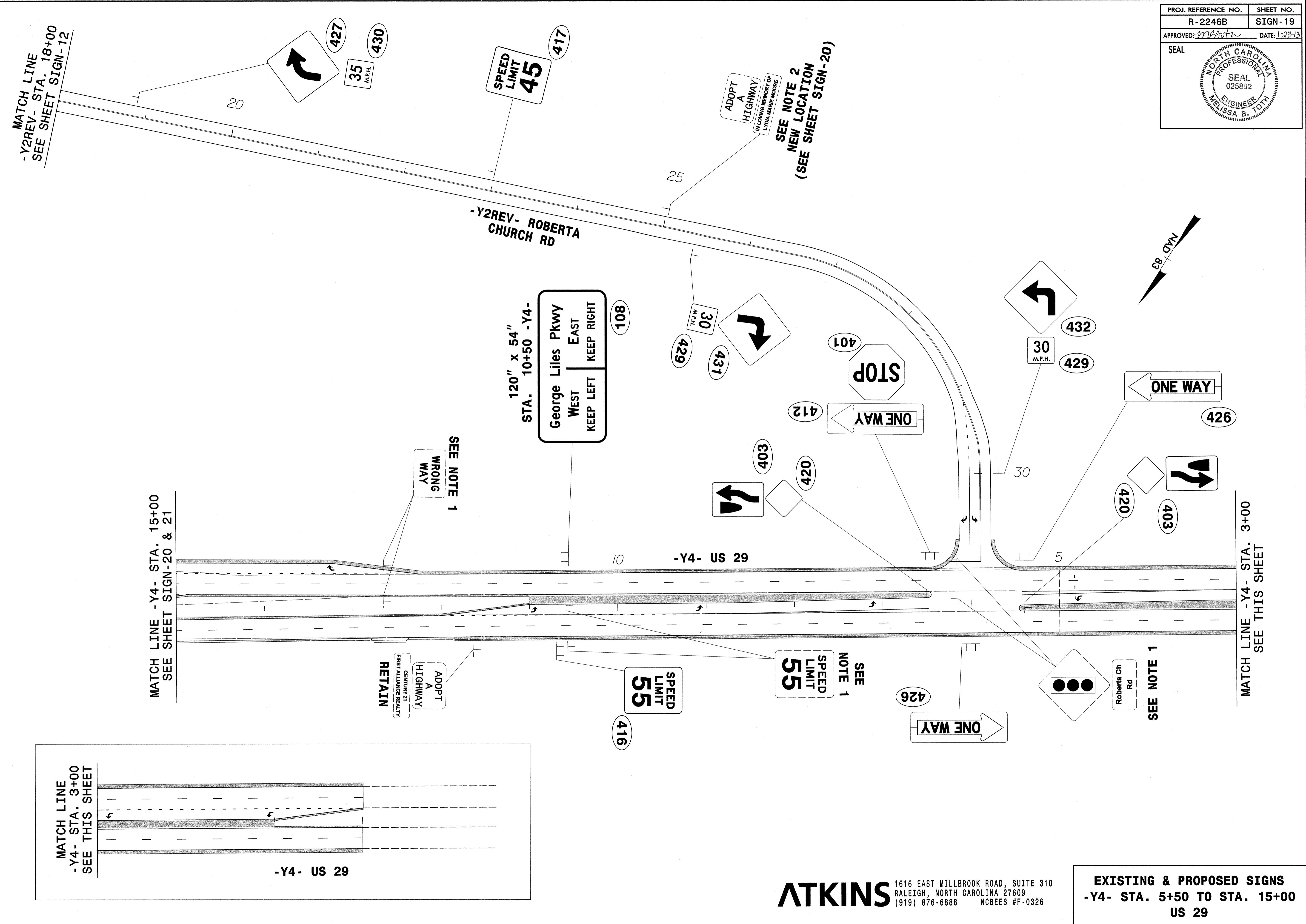


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 12054 AT RAL2U4450YTD

ATKINS 1616 EAST MILLBROOK ROAD, SUITE 310
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBES #F-0326

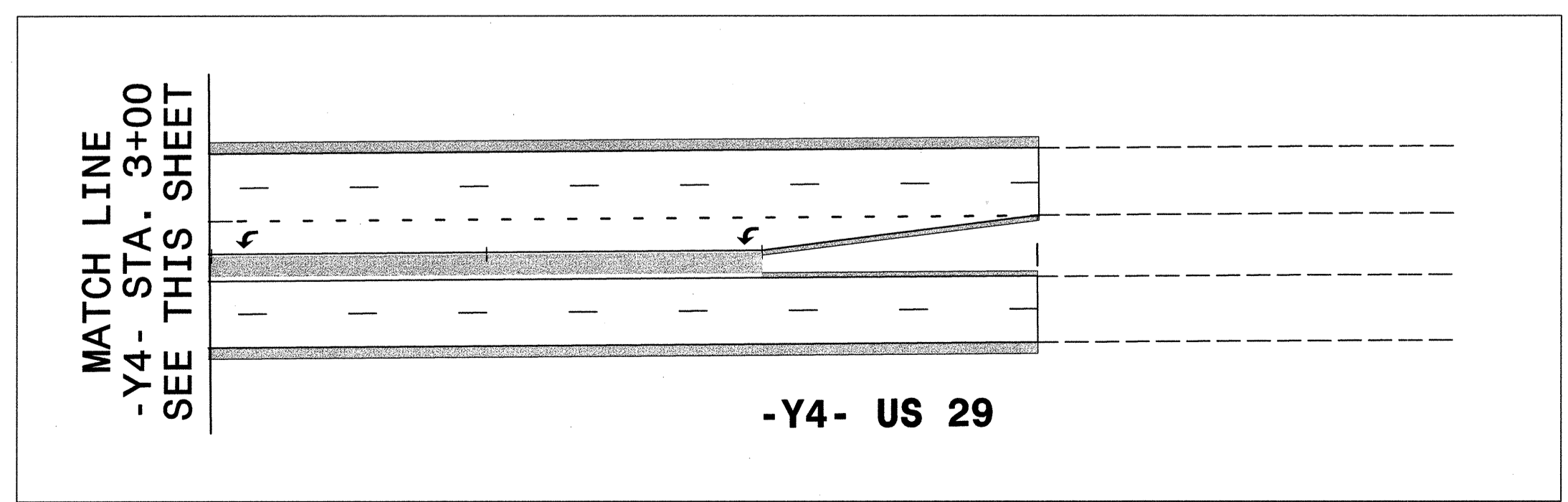
EXISTING & PROPOSED SIGNS
 -L- STA. 143+00 TO STA. 155+50
 -Y5- STA. 14+00 TO STA. 22+50

MATCH LINE
-Y2REV- STA. 18+00
SEE SHEET SIGN-12



MATCH LINE -Y4- STA. 15+00
SEE SHEET SIGN-20 & 21

MATCH LINE -Y4- STA. 3+00
SEE THIS SHEET



120" x 54"
STA. 10+50 -Y4-
George Liles Pkwy
WEST KEEP LEFT
EAST KEEP RIGHT

ADOPT A HIGHWAY
CENTURY 21
FIRST ALLIANCE REALTY
RETAIN

ADOPT A HIGHWAY
IN LOVING MEMORY OF
LYDIA MARIE MOORE


SEE NOTE 2
NEW LOCATION
(SEE SHEET SIGN-20)

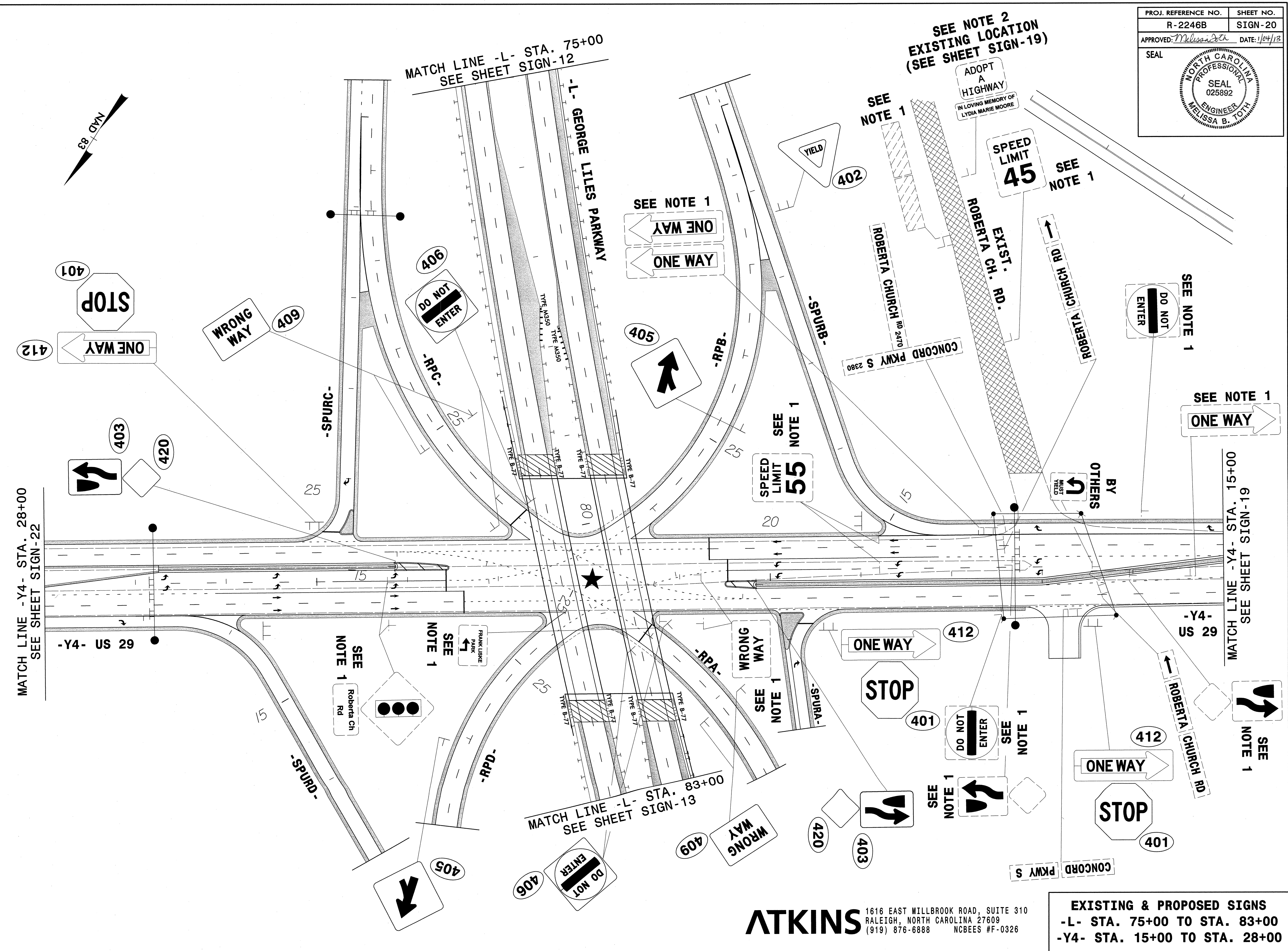
SEE NOTE 1
WRONG WAY

SEE NOTE 1

SEE NOTE 1

23-JAN-2013 13:03
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 12054 AT RAL2JAM30YTD

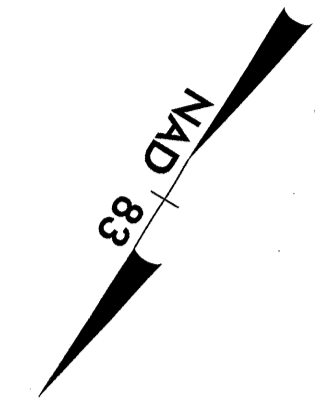
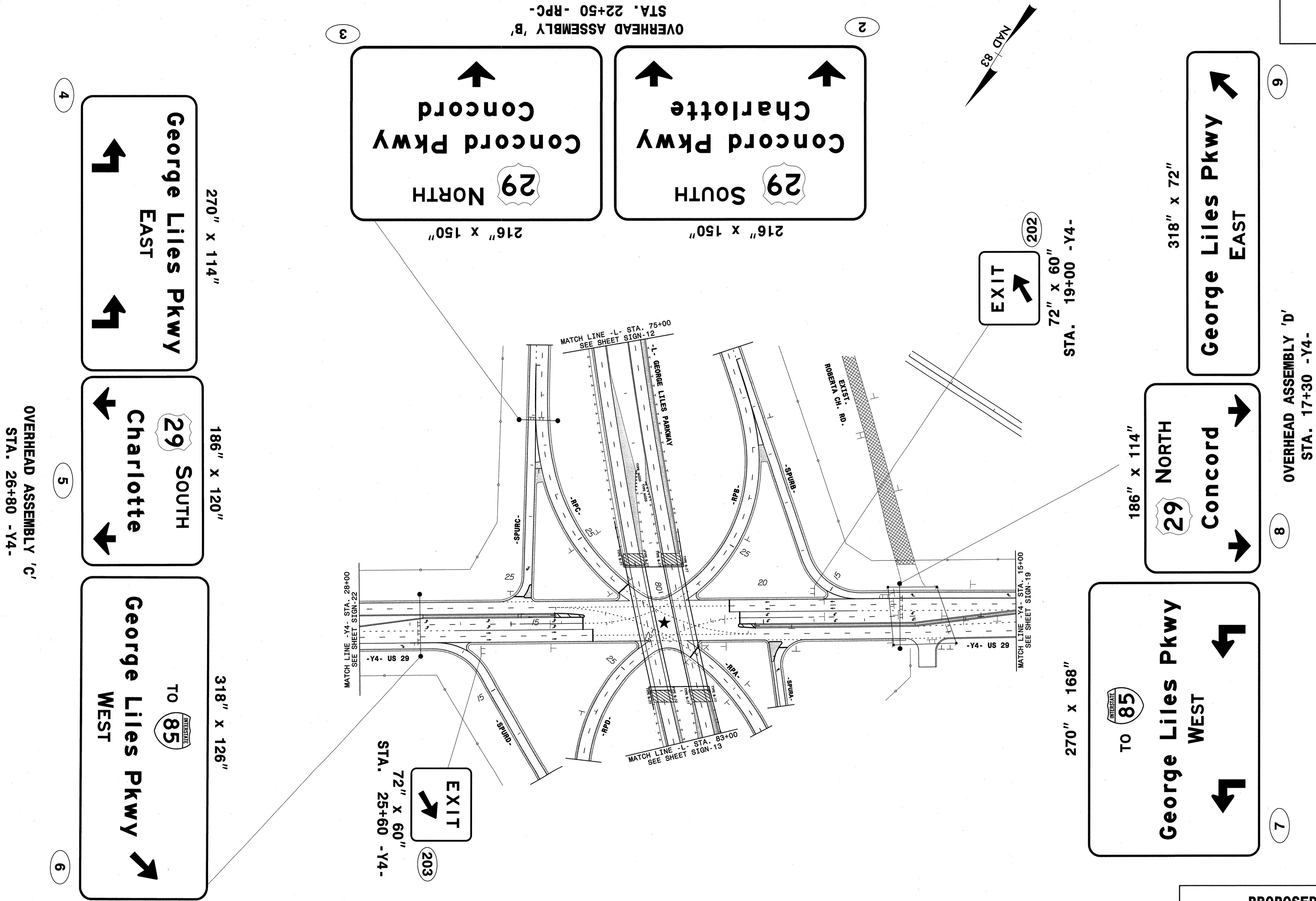
PROJ. REFERENCE NO. R-2246B	SHEET NO. SIGN-20
APPROVED: <i>Melissa B. Toth</i>	DATE: 1/24/13
SEAL  NORTH CAROLINA PROFESSIONAL ENGINEER 025892 MELISSA B. TOTH	



04-JAN-2013 08:59
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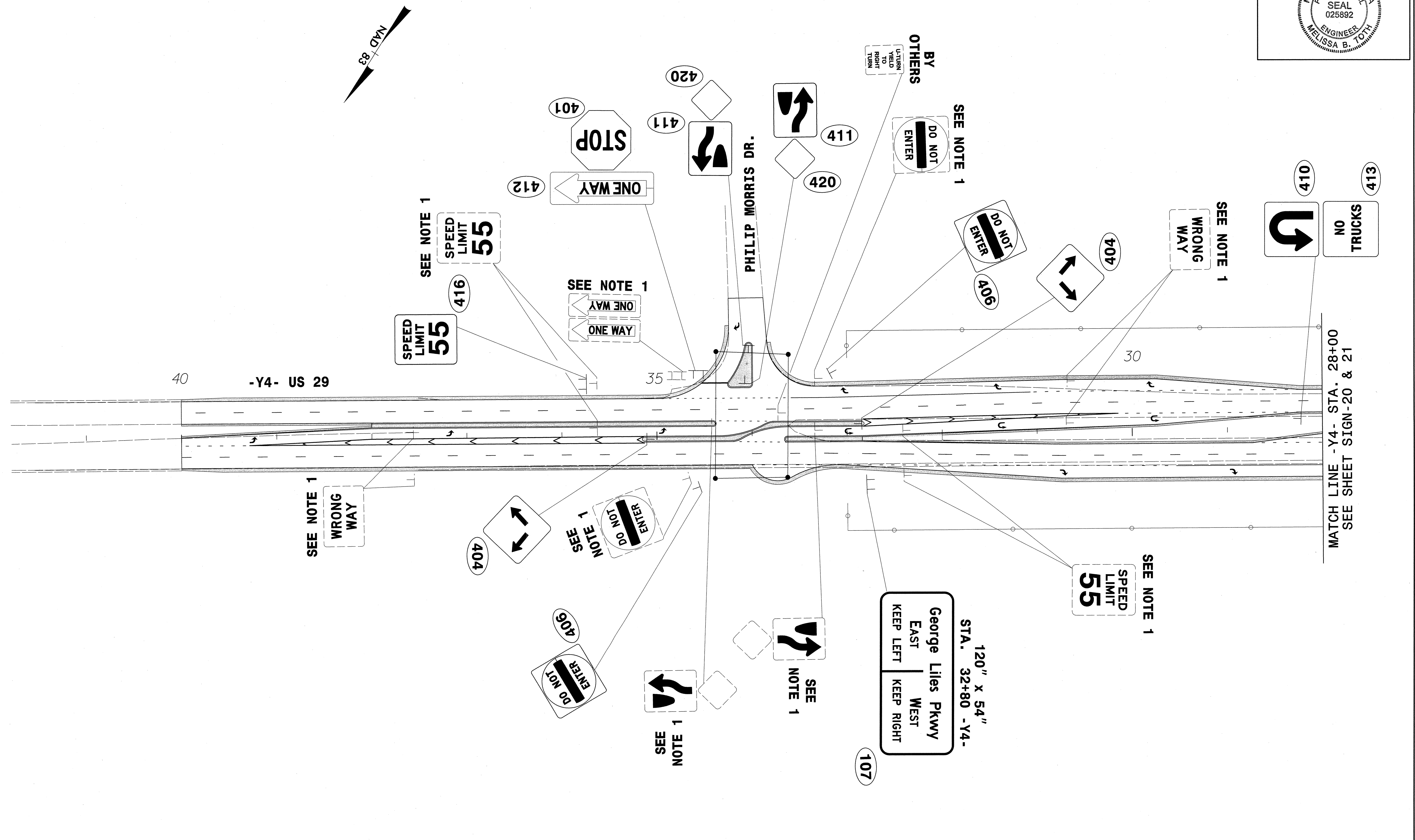
ATKINS 1616 EAST MILLBROOK ROAD, SUITE 310
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBES #F-0326

EXISTING & PROPOSED SIGNS
 -L- STA. 75+00 TO STA. 83+00
 -Y4- STA. 15+00 TO STA. 28+00



ATKINS 1616 EAST MILLBROOK ROAD, SUITE 310
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBES #F-0326

**PROPOSED SIGNS
 INTERCHANGE
 -L- AND -Y4-**



04-JAN-2013 08:59
 C:\Users\panspoc\Documents\Projects\100030391R-2246B 6L Pkwy SPM\Signing\proposed signs psh17.dgn
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