

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

TIP NO. R-4047	SHEET NO. SIGN-1
APPROVED: <i>David Kerns</i>	
DATE: 2/14/2014	
SEAL	

**SIGNING PLAN
HAYWOOD COUNTY**

LOCATION: US-19-23-74 TO SR 1523

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
904.20	SECONDARY SIGN MOUNTING
904.30	SUPPLEMENTAL SIGN MOUNTING
904.40	MILEPOST AND PLACEMENT
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

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.
- . EXACT LOCATIONS OF PIPELINE SIGNS TO BE DETERMINED BY FIELD ENGINEER.

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4048000000	902	REINFORCED CONCRETE SIGN FOUNDATION	36	C.Y.
4054000000	902	PLAIN CONCRETE SIGN FOUNDATION	1	C.Y.
4057000000	SP	OVERHEAD FOOTING	48	C.Y.
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM	16475	LB.
4066000000	903	SUPPORTS, SIMPLE STEEL BEAM	10552	LB.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	2926	L.F.
4078000000	903	SUPPORTS, 2 LB STEEL U-CHANNEL	2	EA.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION 12+50 Y2L2	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION 20+00 Y2L2	1	L.S.
4096000000	904	SIGN ERECTION, TYPE D	8	EA.
4102000000	904	SIGN ERECTION, TYPE E	130	EA.
4108000000	904	SIGN ERECTION, TYPE F	14	EA.
4109000000	904	SIGN ERECTION, TYPE A (OVERHEAD)	5	EA.
4109000000	904	SIGN ERECTION, TYPE B (OVERHEAD)	5	EA.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	20	EA.
4110000000	904	SIGN ERECTION, TYPE B (GROUND MOUNTED)	2	EA.
4114000000	904	SIGN ERECTION, MILEMARKERS	2	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE A (GROUND MOUNTED)	2	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE D	7	EA.
4138000000	907	DISPOSAL OF SUPPORT, STEEL BEAM	2	EA.
4152000000	907	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	7	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	80	EA.
4234000000	907	DISPOSAL OF SIGN, A OR B (OVERHEAD)	1	EA.
	SP	DISPOSAL OF SIGN SYSTEM ON SPAN WIRE	2	EA.

PROJECT NOTES

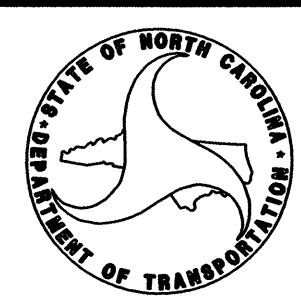
- 1 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 2 DISPOSAL OF SIGN SYSTEM, STEEL BEAM
- 3 DISPOSAL OF SIGN, A OR B (OVERHEAD)
- 4 DISPOSAL OF SUPPORT, STEEL BEAM
- 5 DISPOSAL OF SIGN SYSTEM ON SPANWIRE
- 6 RELOCATE SIGN, TYPE D (U-CHANNEL)
- 7 RELOCATE SIGN, TYPE A OR B (GROUND MOUNTED)

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2-2A	SUPPORT INFORMATION & GROUND MOUNTED SHEETS
SIGN-3-3C	E AND F SHEETS & MILEPOST & PLACEMENT STANDARDS
SIGN-4-4H	SIGN DESIGNS
SIGN-5-5B	OVERHEAD DETAILS
SIGN-6-14	ROADWAY SHEETS

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

KELVIN JORDAN SIGNING & DELINEATION REGIONAL ENGINEER
WALTER JOHNSON SIGNING & DELINEATION PROJECT DESIGN ENGINEER




PLAN PREPARED BY: **HDR** HDR Engineering, Inc. of the Carolinas
3733 National Drive, Suite 207 Raleigh, N.C. 27612
N.C.B.E.L.S. License Number: F-0116

DAVID KERNS, P.E. SIGNING ENGINEER
LEE TUPPER, EIT SIGNING DESIGN ENGINEER

2/14/2014 10:17:17 AM P:\APP\TPA01\SouthEast\Tampa\Documents\000166\CON\0073759\0000000020216453\06.00_P\Project_Design\R-4047_Traffic_Signing\CADD\R4047_SGN.TSH.dgn

T.I.P.: R-4047

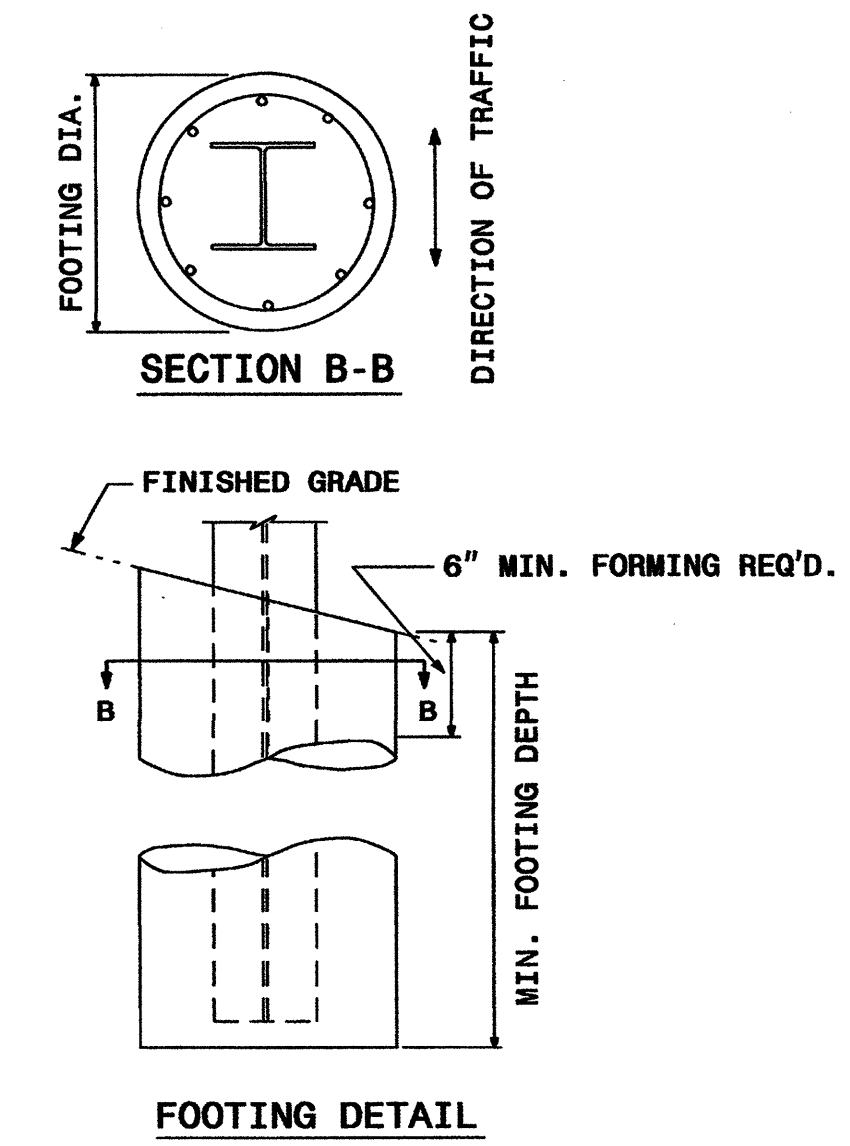
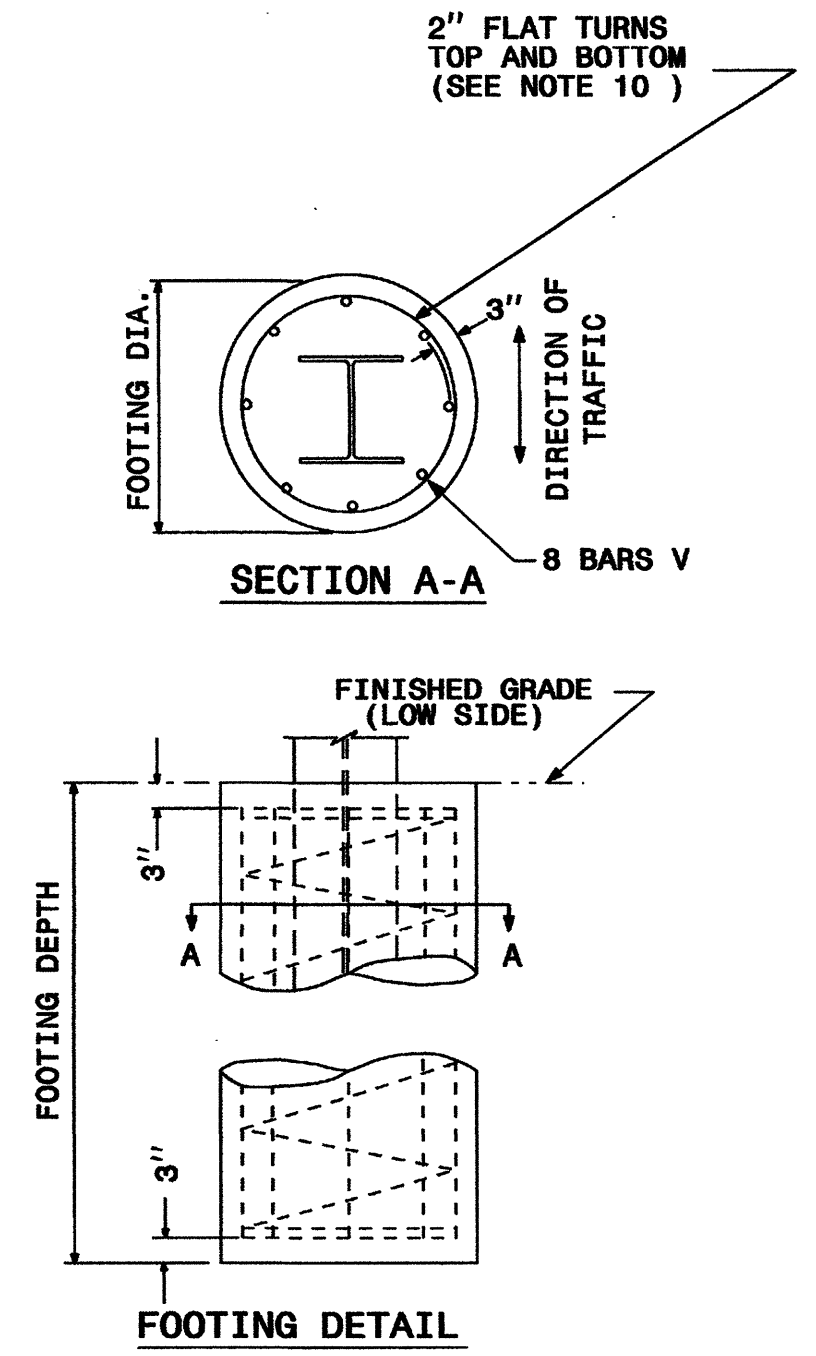
CONTRACT: C203393

TIP NO. R-4047	SHEET NO. SIGN-2A
APPROVED: <i>RAW</i>	
DATE: 3/8/12	
SEAL	
	

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"	1/2"	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"	1/2"	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"	1/2"	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"	11/32"	11"	5"	1 1/4"	7/8"	3 1/4"	11/32"	28 GAUGE	5/8"DIA. X 2 1/4"	4"	4"	4 1/2"	3/4"	1 1/8"	5/8"	2 1/4"	11/32"	3/8"	39
W6X16	5/8"DIA. X 3 3/4"	12"	6"	1 1/4"	7/8"	4 1/4"	1 1/2"	11/32"	12"	6"	1 1/4"	7/8"	4 1/4"	11/32"	28 GAUGE	5/8"DIA. X 2 1/2"	4"	4"	4 1/2"	3/4"	1 1/8"	5/8"	2 1/4"	11/32"	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"	11/32"	13 1/2"	6 1/2"	1 1/4"	7/8"	4 3/4"	11/32"	28 GAUGE	5/8"DIA. X 2 1/2"	5 1/4"	4"	4 1/2"	1"	1 1/8"	5/8"	2 1/4"	11/32"	1/2"	70
W8X21	3/4"DIA. X 4 1/4"	14"	7"	1 1/2"	1"	5"	1 1/2"	13/32"	14"	7"	1 1/2"	1"	5"	13/32"	28 GAUGE	3/4"DIA. X 2 3/4"	5 1/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	13/32"	1/2"	73
W10X22	3/4"DIA. X 4 1/4"	16"	8"	1 1/2"	1"	6"	1 1/2"	13/32"	16"	8"	1 1/2"	1"	6"	13/32"	28 GAUGE	3/4"DIA. X 2 3/4"	5 3/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	13/32"	1/2"	119
W10X26	3/4"DIA. X 4 3/4"	16 1/2"	8"	1 1/2"	1"	6"	1 3/4"	13/32"	16 1/2"	8"	1 1/2"	1"	6"	13/32"	28 GAUGE	3/4"DIA. X 2 3/4"	5 3/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	13/32"	5/8"	140
W12X26	3/4"DIA. X 4 3/4"	18 1/2"	9"	1 1/2"	1"	7"	1 3/4"	13/32"	18 1/2"	9"	1 1/2"	1"	7"	13/32"	28 GAUGE	3/4"DIA. X 2 3/4"	6 1/2"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	13/32"	5/8"	176
W14X30	1"DIA. X 5"	22"	9"	2"	1 1/2"	6"	2"	17/32"	22"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1"DIA. X 3"	6 3/4"	7"	8"	1 1/4"	2"	1"	4"	17/32"	5/8"	205
W16X31	1"DIA. X 5"	24"	9"	2"	1 1/2"	6"	2"	17/32"	24"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1"DIA. X 3 1/4"	5 1/2"	7"	8"	1 1/4"	2"	1"	4"	17/32"	3/4"	223
W18X35	1"DIA. X 5"	25"	9"	2"	1 1/2"	6"	2"	17/32"	25"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1"DIA. X 3 1/4"	6"	7"	8"	1 1/4"	2"	1"	4"	17/32"	3/4"	243
W18X40	1"DIA. X 5 1/2"	26"	9"	2"	1 1/2"	6"	2 1/4"	17/32"	26"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1"DIA. X 3 3/4"	6"	7"	8"	1 1/4"	2"	1"	4"	17/32"	7/8"	278
W21X44	1"DIA. X 5 1/2"	29"	9"	2"	1 1/2"	6"	2 1/2"	17/32"	29"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1"DIA. X 3 3/4"	6 1/2"	7"	8"	1 1/4"	2"	1"	4"	17/32"	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

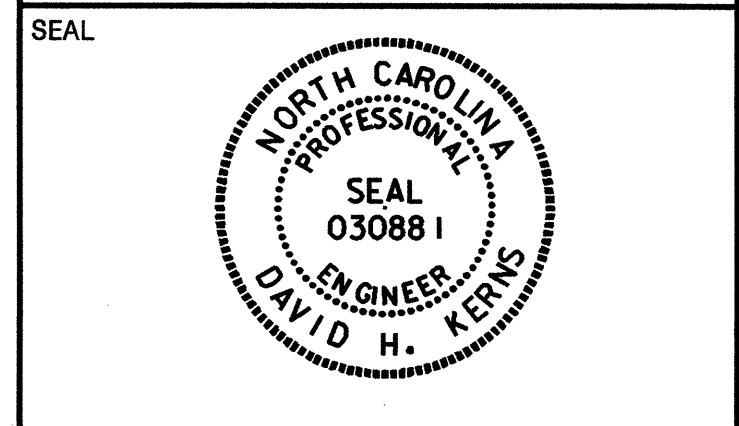
STATE OF
 NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
 GROUND MOUNTED SIGN SUPPORTS
 SHEET 2 OF 3
903D10

**REVISED SIGNING
 ROADWAY STANDARD DRAWING**

08-MAR-2012 11:00 SA 5801\Standards Group\PM\2012 Standard Drawings\Standard Dwgs 8-17-11\Revised\903D10-sgn_sht02-gm_support_Revise_Scaled.dgn AT TE24745

APPROVED: *[Signature]*
DATE: 12/18/2013



401 QUANTITY REQ'D .6_

30 X 30
R1-1

ONE "U" POST PER SIGN

406 QUANTITY REQ'D .1_

36 X 36
W3-5

ONE "U" POST PER SIGN

411 QUANTITY REQ'D .2_

36 X 48
W13-2

TWO "U" POSTS PER SIGN

416 QUANTITY REQ'D .5_

36 X 36
R3-7

ONE "U" POST PER SIGN

421 QUANTITY REQ'D .1_

30 X 36
R2-1

ONE "U" POST PER SIGN

426 QUANTITY REQ'D 1

24x24
SNC4-1a

MOUNT BELOW SIGN 407
IN 1 INSTALLATION

402 QUANTITY REQ'D .2_

48 X 48
W4-1 (R)

TWO "U" POSTS PER SIGN

407 QUANTITY REQ'D .2_

24 X 30
R2-1

ONE "U" POST PER SIGN

412 QUANTITY REQ'D 2

36 X 36
R5-1

ONE "U" POST PER SIGN

417 QUANTITY REQ'D .4_

36 X 24
R5-1a

ONE "U" POST PER SIGN

422 QUANTITY REQ'D .1_

36 X 36
W1-2R

ONE "U" POST PER SIGN

427 QUANTITY REQ'D .7_

36 x 48
W1-8R

TWO "U" POSTS PER SIGN

430 QUANTITY REQ'D .1_

48 X 48
W1-11R

TWO "U" POSTS PER SIGN

403 QUANTITY REQ'D .18

24 X 30
R4-7

MOUNT BACK TO BACK
WITH SIGN 428
IN 1 INSTALLATION

ONE "U" POST PER SIGN

408 QUANTITY REQ'D .2_

54 X 18
R6-1 (R)

TWO "U" POSTS PER SIGN

413 QUANTITY REQ'D 1

36 X 36
S1-1

YELLOW/GREEN REFLECTIVE SHEETING

ONE "U" POSTS PER SIGN

418 QUANTITY REQ'D .9_

30 X 36
R2-1

ONE "U" POST PER SIGN

423 QUANTITY REQ'D .1_

48 X 30
R3-8a

TWO "U" POST PER SIGN

428 QUANTITY REQ'D .1_

36 X 36
R3-4

MOUNT BACK TO BACK
WITH SIGN 403

431 QUANTITY REQ'D .1_

48 X 48
W1-13

TWO "U" POSTS PER SIGN

404 QUANTITY REQ'D .18

18 X 18
OM1-3

MOUNT BELOW SIGN 403
IN 20 INSTALLATIONS

409 QUANTITY REQ'D .3_

36 X 36
W3-3

ONE "U" POST PER SIGN

414 QUANTITY REQ'D .1_

60 X 30
R3-8

TWO "U" POSTS PER SIGN

419 QUANTITY REQ'D .1_

36 X 36
W14-2

ONE "U" POST PER SIGN

424 QUANTITY REQ'D .3_

30 x 30
W13-1P

MOUNT BELOW SIGN 422
IN 1 INSTALLTION

MOUNT BELOW SIGN 430
IN 1 INSTALLATION

MOUNT BELOW SIGN 431
IN 1 INSTALLATION

429 QUANTITY REQ'D .1_

36 X 36
W12-1

ONE "U" POST PER SIGN

432 QUANTITY REQ'D .2_

48 X 54
SP-03273

TWO "U" POSTS PER SIGN

405 QUANTITY REQ'D .5_

36 X 36 X 36
R1-2

ONE "U" POST PER SIGN

410 QUANTITY REQ'D .2_

36 X 48
W13-3

TWO "U" POSTS PER SIGN

415 QUANTITY REQ'D .1_

30 X 30
W3-1

ONE "U" POST PER SIGN

420 QUANTITY REQ'D .2_

48 X 48
W3-3

TWO "U" POST PER SIGN

425 QUANTITY REQ'D 1

24 X 8
S4-3

YELLOW/GREEN REFLECTIVE SHEETING

MOUNT ABOVE SIGN 407
IN 1 INSTALLATION

TYPE "E" SIGNS

12/17/2013 2:36:22 PM P:\P\WAPP\TPA01\SouthEast\Tampa\Documents\000166\CON0079759\00000000216453\06.06\Project_Design\R-4047\Traffic\Signing\CADD\R4047_Front_End_Sheets.dgn

APPROVED: *David H. Keens*
 DATE: 12/18/2013

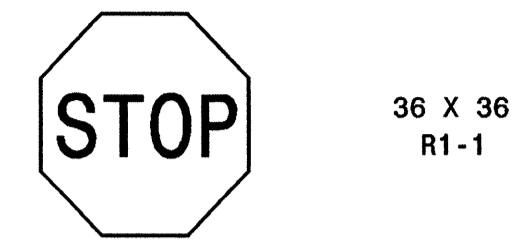


433 QUANTITY REQ'D .1_



MOUNT BELOW SIGN 409
IN 1 INSTALLATION

438 QUANTITY REQ'D .2_



ONE "U" POST PER SIGN

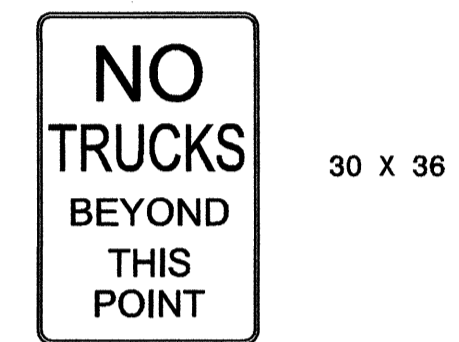
434 QUANTITY REQ'D .6_



MOUNT BELOW SIGN 504
AND 507 IN 2 INSTALLATIONS

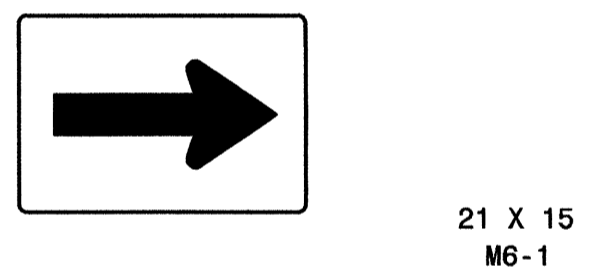
ONE "U" POST PER SIGN

439 QUANTITY REQ'D .1_



ONE "U" POST PER SIGN

435 QUANTITY REQ'D 2



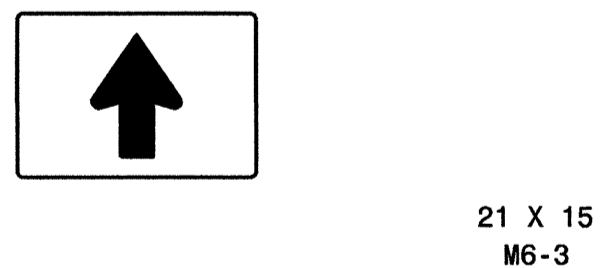
MOUNT BELOW SIGN 434
IN 2 INSTALLATIONS

440 QUANTITY REQ'D .5_



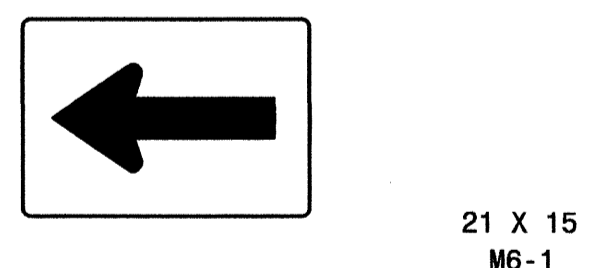
MOUNT ABOVE SIGN 438
IN 2 INSTALLATIONS
MOUNT ABOVE SIGN 401
IN 1 INSTALLATION
ONE "U" POST PER SIGN

436 QUANTITY REQ'D 2



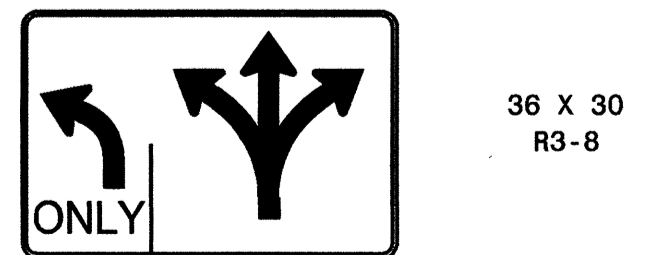
MOUNT BELOW SIGN 434
IN 2 INSTALLATION

441 QUANTITY REQ'D 2



MOUNT BELOW SIGN 434
IN 2 INSTALLATIONS

437 QUANTITY REQ'D .1_



ONE "U" POST PER SIGN


TYPE "E" SIGNS

12/17/2013 2:36:21 PM P:\Projects\SouthEast\Temp\Documents\000166\CON079759\00000000216453\06.00.Prj\Project\Design\R-4047\Traffic\Signing\CADD\R4047_Front_End_Sheets.dgn

12/17/2013 2:36:23 PM P:\VAPP\TPA01\SouthEast_Tampa\Documents\000166\CON0079759\000000000216453\06.00_Project_Design\R-4047\Traffic\Signing\CADD\R4047_Front_End_Sheets.dgn

		TIP NO. R-4047	SHEET NO. SIGN-3B
<p>501 508</p> <p>TWO "U" POST</p>	<p>506</p> <p>TWO "U" POST</p>	<p>QUANTITY REQ'D <u>2</u></p> <p>ONE "U" POST PER SIGN</p>	<p>APPROVED: <i>David H. Kenney</i></p> <p>DATE: <u>12/18/2013</u></p> <p>SEAL</p>
<p>502</p> <p>ONE "U" POST</p>	<p>509</p> <p>TWO "U" POST</p>		
<p>503</p> <p>ONE "U" POST</p>	<p>510</p> <p>TWO "U" POST</p>		
<p>504 507</p> <p>TWO "U" POST</p>	<p>512</p> <p>TWO "U" POST</p>		
<p>505 511 513</p> <p>ONE "U" POST</p>	<p>514</p> <p>TWO "U" POST</p>		

**TYPE "F" SIGNS
AND MILEPOST**

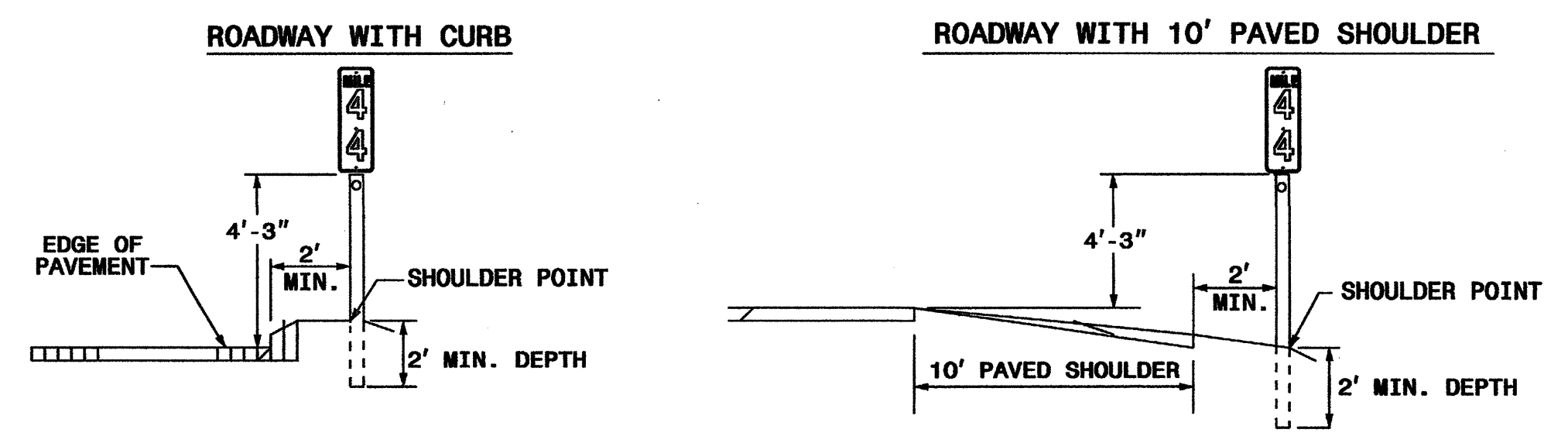
TIP NO. R-4047	SHEET NO. SIGN-3C
APPROVED: <i>[Signature]</i>	
DATE: 6/11/12	
SEAL	
	

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

ENGLISH STANDARD DRAWING FOR
MILEPOST AND PLACEMENT

SHEET 1 OF 1
904D40

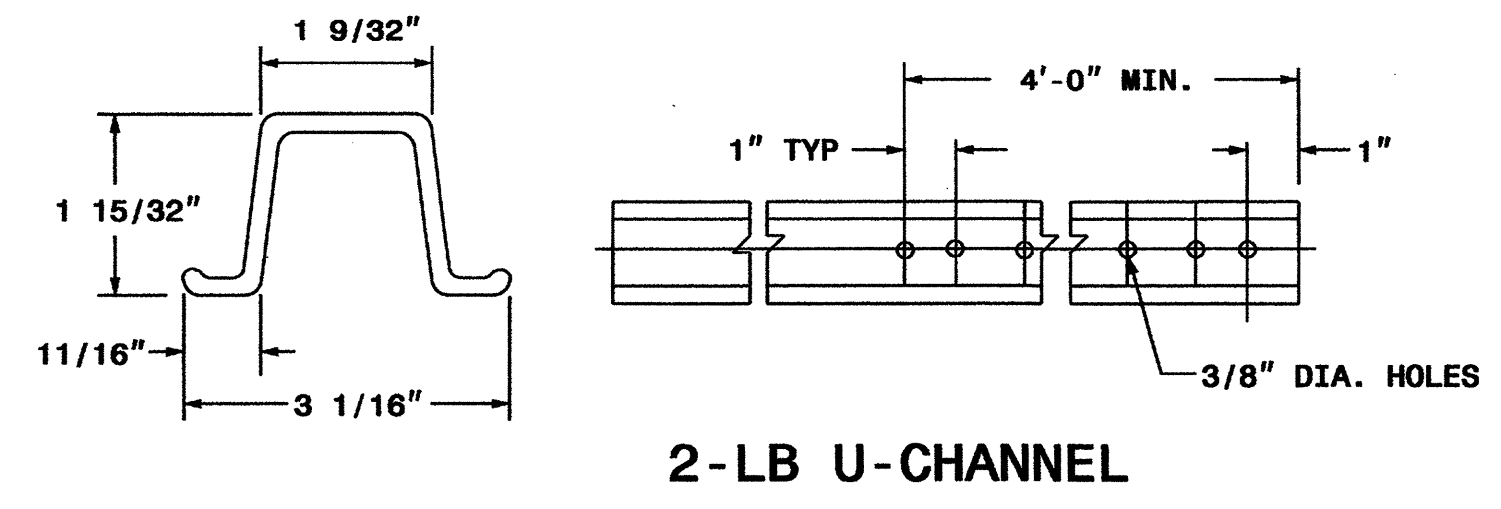
MILEPOST PLACEMENT



NOTES:

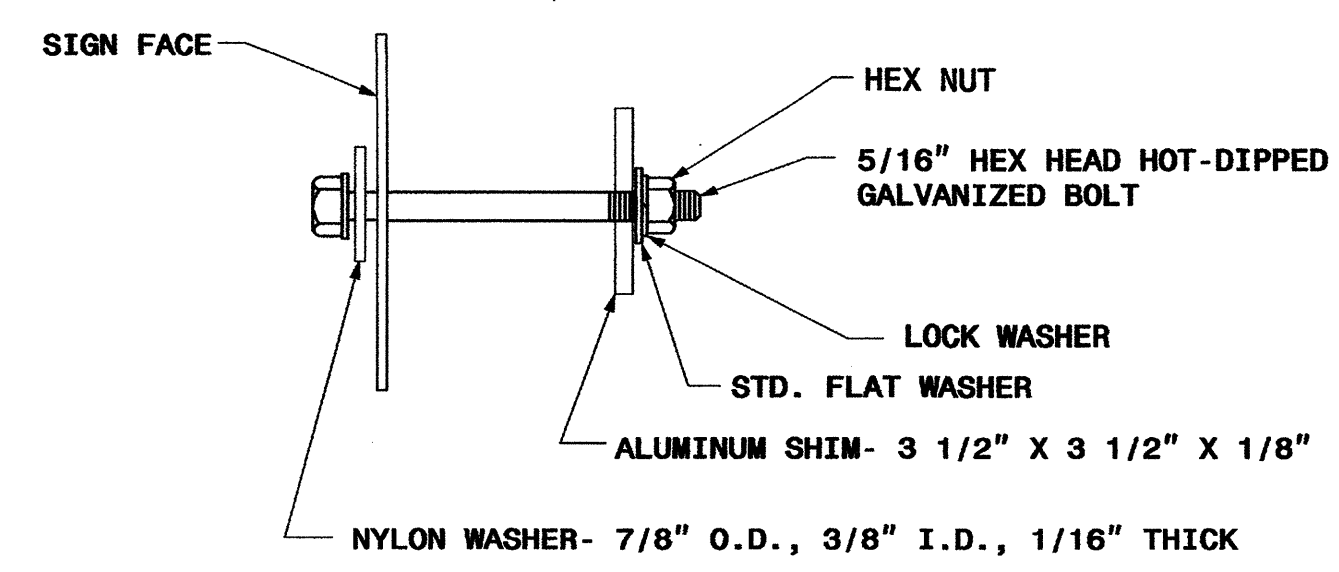
1. A MILEPOST SIGN SHALL CONSIST OF ONE (1) 12" X 24", 12" X 36" OR 12" X 48" SIGN PANEL. AN ENHANCE REFERENCE LOCATION SIGN SHALL CONSIST OF ONE (1) 18" X 54" SIGN PANEL. AN INTERMEDIATE ENHANCE REFERENCE LOCATION SIGN SHALL CONSIST OF ONE (1) 18" X 60" SIGN PANEL.
2. FABRICATE SIGNS FROM .080" SHEET ALUMINUM. EACH SIGN SHALL HAVE SILVER STUCK-ON MESSAGE AND BORDER ON GREEN BACKGROUND. MESSAGE, BORDER AND BACKGROUND TO BE REFLECTORIZED.
3. MILEPOST AND ENHANCE REFERENCE LOCATION SIGNS REQUIRE ONE (1) 2-LB GALVANIZED STEEL U-CHANNEL POST. THE POST'S LENGTH MUST MEET THE REQUIREMENTS SHOWN IN THESE STANDARDS.
4. POSTS SHALL BE DRIVEN. THE TOP OF POST SHALL NOT PROJECT ABOVE THE TOP OF SIGN.
5. ATTACH EACH SIGN TO THE WIDE FACE (FLANGES) OF THE POST BY MEANS OF THE FOLLOWING COMBINATION- 5/16" HEX HEAD BOLT, NYLON WASHER, SHIM, FLAT WASHER, LOCK WASHER, HEX NUT. FULL CONTACT BETWEEN THE SIGN AND THE POST SHALL BE ACHIEVED. NO BUCKLING OF THE SIGN WILL BE PERMITTED.
6. PLACE MILEPOST SIGNS AT THE SHOULDER POINT UNLESS THE ENGINEER DIRECTS OTHERWISE.

POST DETAILS



2-LB U-CHANNEL

FASTENER



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

ENGLISH STANDARD DRAWING FOR
MILEPOST AND PLACEMENT

SHEET 1 OF 1
904D40

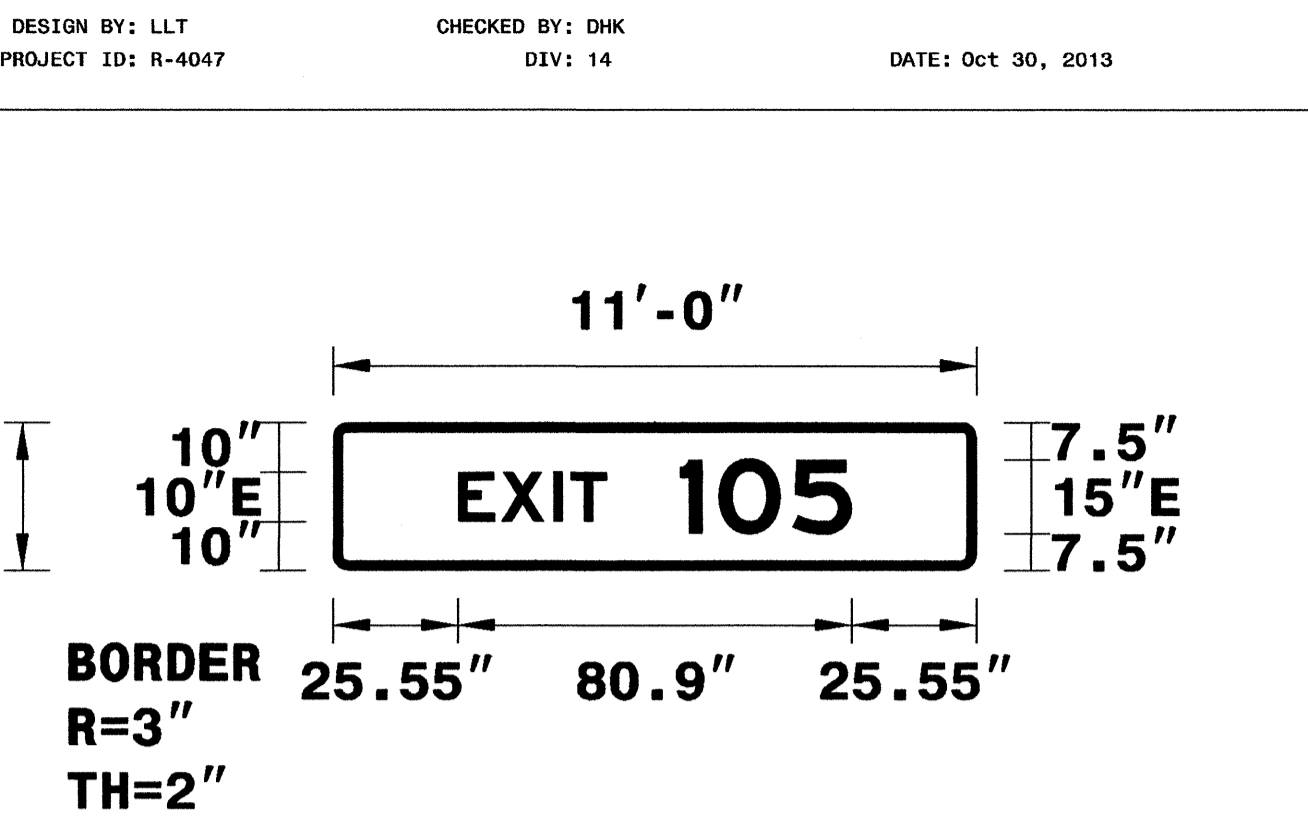
**REVISED SIGNING
ROADWAY STANDARD DRAWING**

I:\JUN-2012 10:33 S:\S&D\USStandards and Drawings\Drawings\2012 Standard Dwg\Division 9\0904.40_sgn_milepost_Rev1sed.dgn AT TE244745

SIGN NUMBER: 1A
 TYPE: B
 QUANTITY: 1
 SIGN WIDTH: 11'-0"
 HEIGHT: 2'-6"
 TOTAL AREA: 27.5 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADIUS: 3"
 NO. Z BARS: 2
 LENGTH: 124.0

SYMBOL	X	Y	WIDTH	HEIGHT

MAT'L: 0.125" (3.2 mm) ALUMINUM

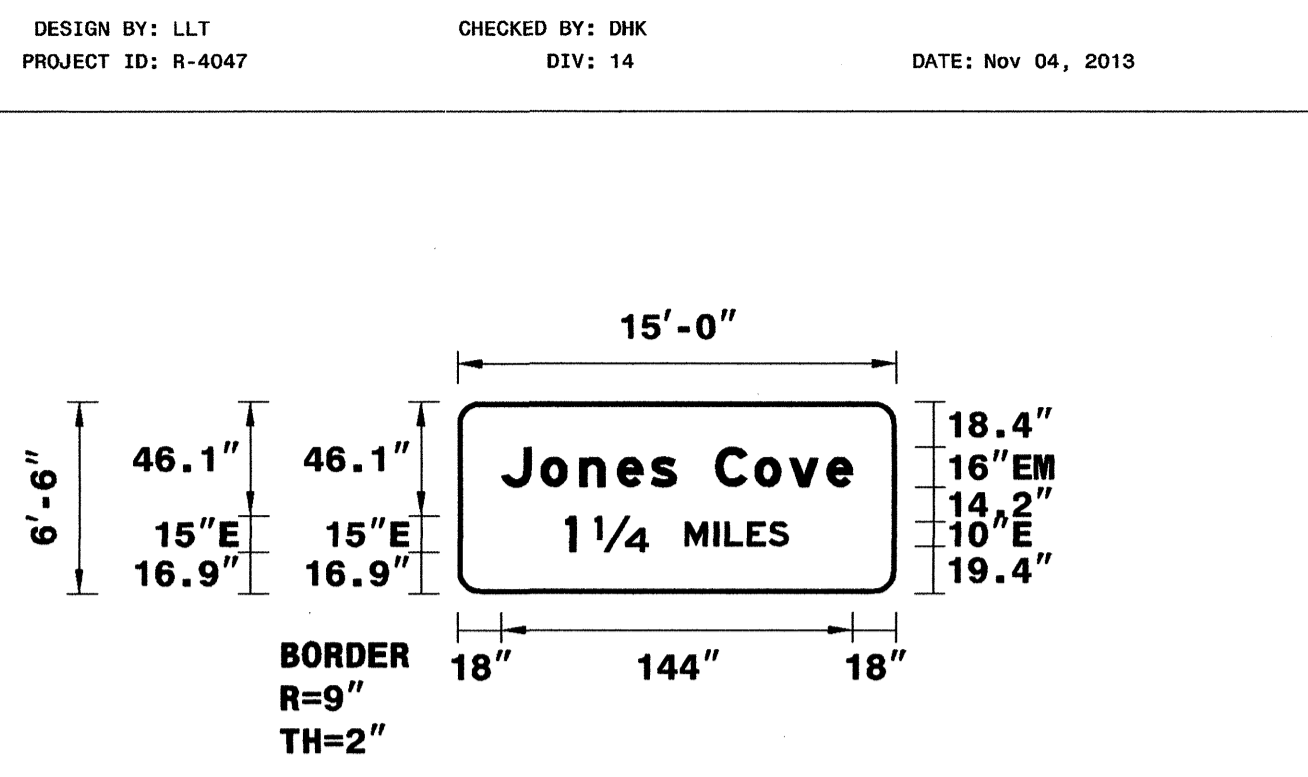


- USE NOTES: 1,2
- Legend and border shall be direct applied Grade C reflective sheeting.
 - Background shall be Grade C reflective sheeting.
 - Shields shall be Grade C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

SIGN NUMBER: 1B
 TYPE: A
 QUANTITY: 1
 SIGN WIDTH: 15'-0"
 HEIGHT: 6'-6"
 TOTAL AREA: 97.5 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADIUS: 9"
 NO. Z BARS: 2
 LENGTH: 172.0

SYMBOL	X	Y	WIDTH	HEIGHT

MAT'L: 0.125" (3.2 mm) ALUMINUM



- USE NOTES: 1,2
- Legend and border shall be direct applied Grade C reflective sheeting.
 - Background shall be Grade C reflective sheeting.
 - Shields shall be Grade C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

Letter spacings are to start of next letter

E	X	I	T	1	0	5
25.6	8.9	10.7	3.5	7.5	15	8
15.2	12.2	25.6				

Series/Size Text Length
E 2000 80.9

Letter spacings are to start of next letter

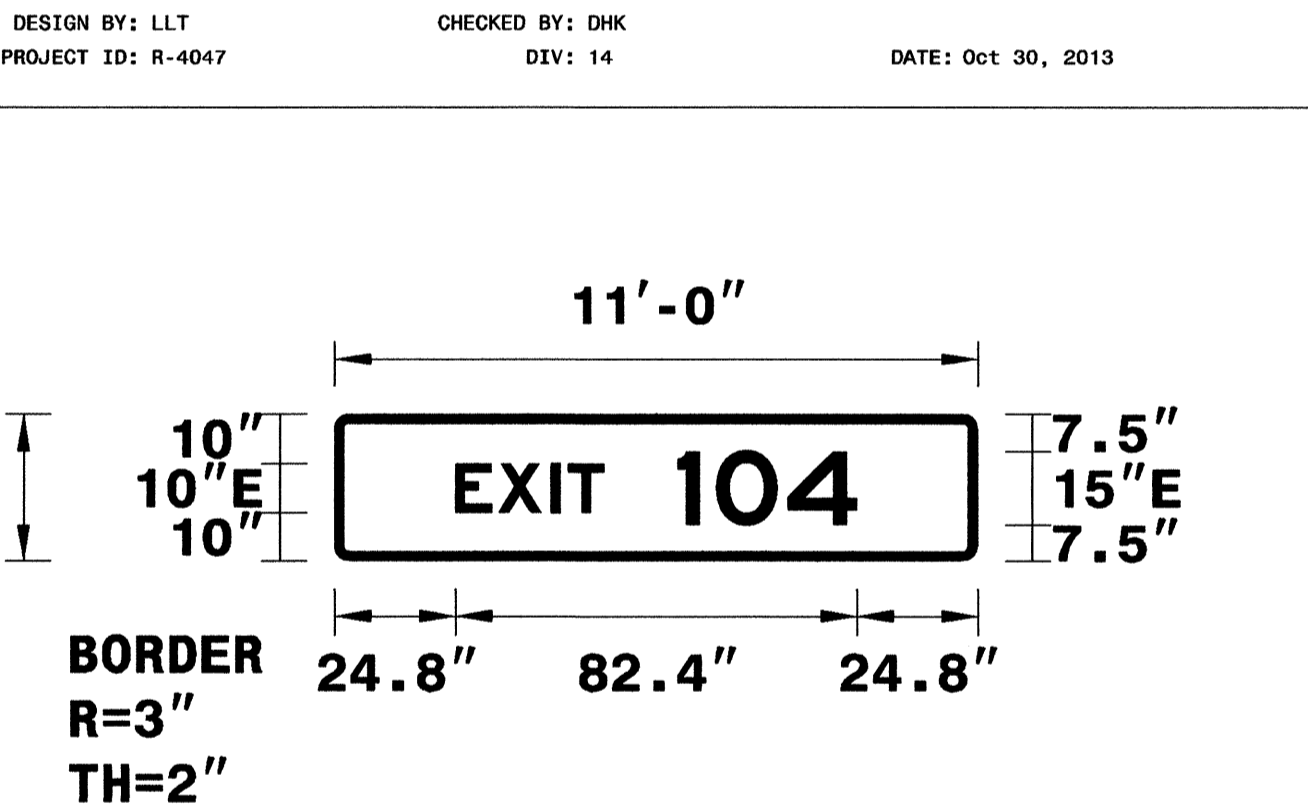
J	o	n	e	s	C	o	v	e
18	16.2	15.8	15.5	13.8	10.6	16	16	14.1
14.1	15.5	10.6	18					

Series/Size Text Length
EM 2000 144
E 2000 91.6

SIGN NUMBER: 2A 4A 5A
 TYPE: B
 QUANTITY: 3
 SIGN WIDTH: 11'-0"
 HEIGHT: 2'-6"
 TOTAL AREA: 27.5 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADIUS: 3"
 NO. Z BARS: 2
 LENGTH: 124.0

SYMBOL	X	Y	WIDTH	HEIGHT

MAT'L: 0.125" (3.2 mm) ALUMINUM

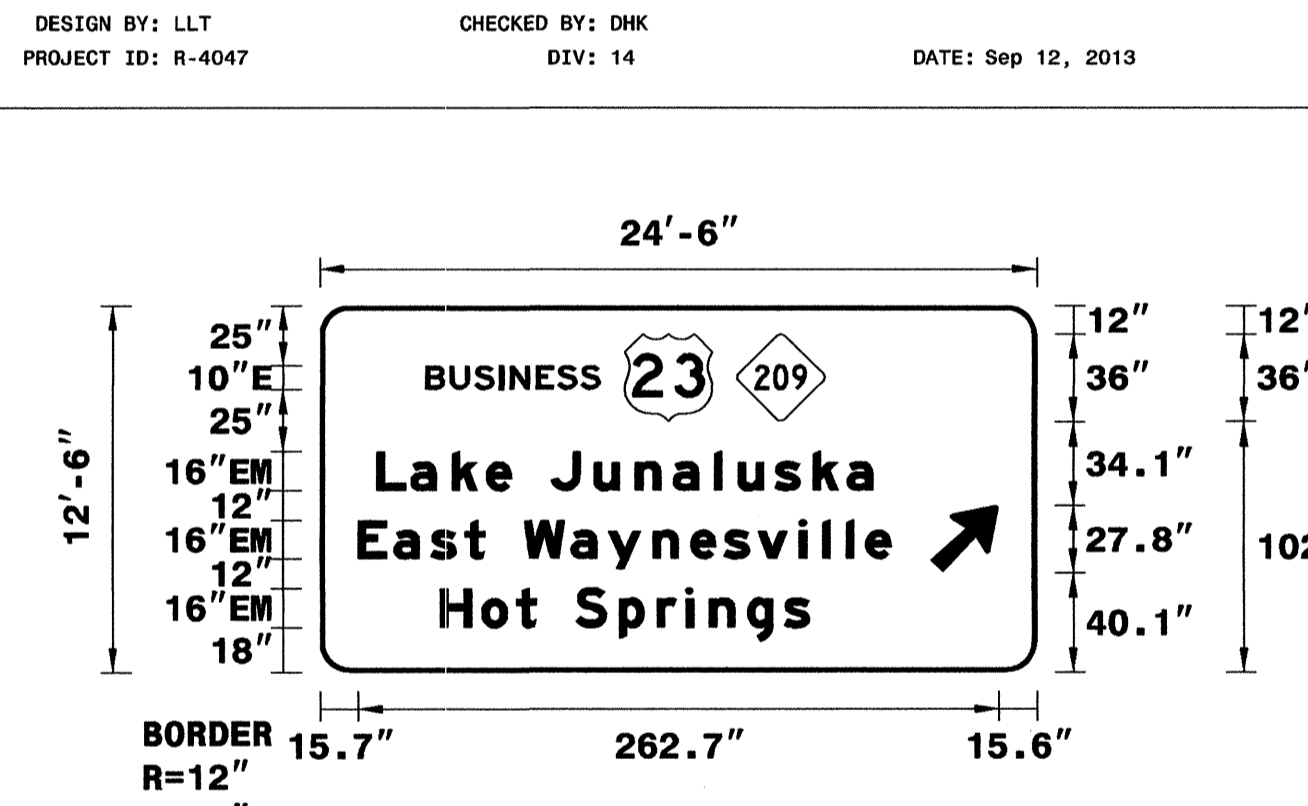


- USE NOTES: 1,2
- Legend and border shall be direct applied Grade C reflective sheeting.
 - Background shall be Grade C reflective sheeting.
 - Shields shall be Grade C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

SIGN NUMBER: 2B 4B
 TYPE: A
 QUANTITY: 2
 SIGN WIDTH: 24'-6"
 HEIGHT: 12'-6"
 TOTAL AREA: 306.3 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADIUS: 12"
 NO. Z BARS: 4
 LENGTH: 286.0

SYMBOL	X	Y	WIDTH	HEIGHT
M1_4	125	102	36	36
M1-5-3-24-7C	171	102	36	36
AR_Type A	250.5	40.1	22.4	35.3

MAT'L: 0.125" (3.2 mm) ALUMINUM



- USE NOTES: 1,2,3
- Legend and border shall be direct applied Grade A reflective sheeting.
 - Background shall be Grade C reflective sheeting.
 - Shields shall be Grade C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

Letter spacings are to start of next letter

E	X	I	T	1	0	4
24.8	8.9	10.7	3.5	7.5	15	8
14.7	14.1	24.8				

Series/Size Text Length
E 2000 82.4

Letter spacings are to start of next letter

B	U	S	I	N	E	S	S
43.1	10.1	10.1	10.1	4.4	10.7	8.9	9.5
8.1	17.9						

Series/Size Text Length
E 2000 71.9
EM 2000 203.5
EM 2000 218.9
EM 2000 151.7

PLOT DRIVER: NCD001.pdf_mono_eng_50.pit
 USER: dkersn
 DATE: 12/17/2013
 TIME: 2:36:35 PM
 SCALE: 1:4.39462
 FILE: North Carolina Dept of Transportation\2013\Mobility_Safety\LSA\MNCD001_R-4047_Sign_PW_TO_5_C\06.00-Project_Design\R-4047_Traffic_Signing\CADD\R4047_SGN_4.dgn

APPROVED: *David H. Kerns* DATE: 12/18/2013

SIGN DESIGNS

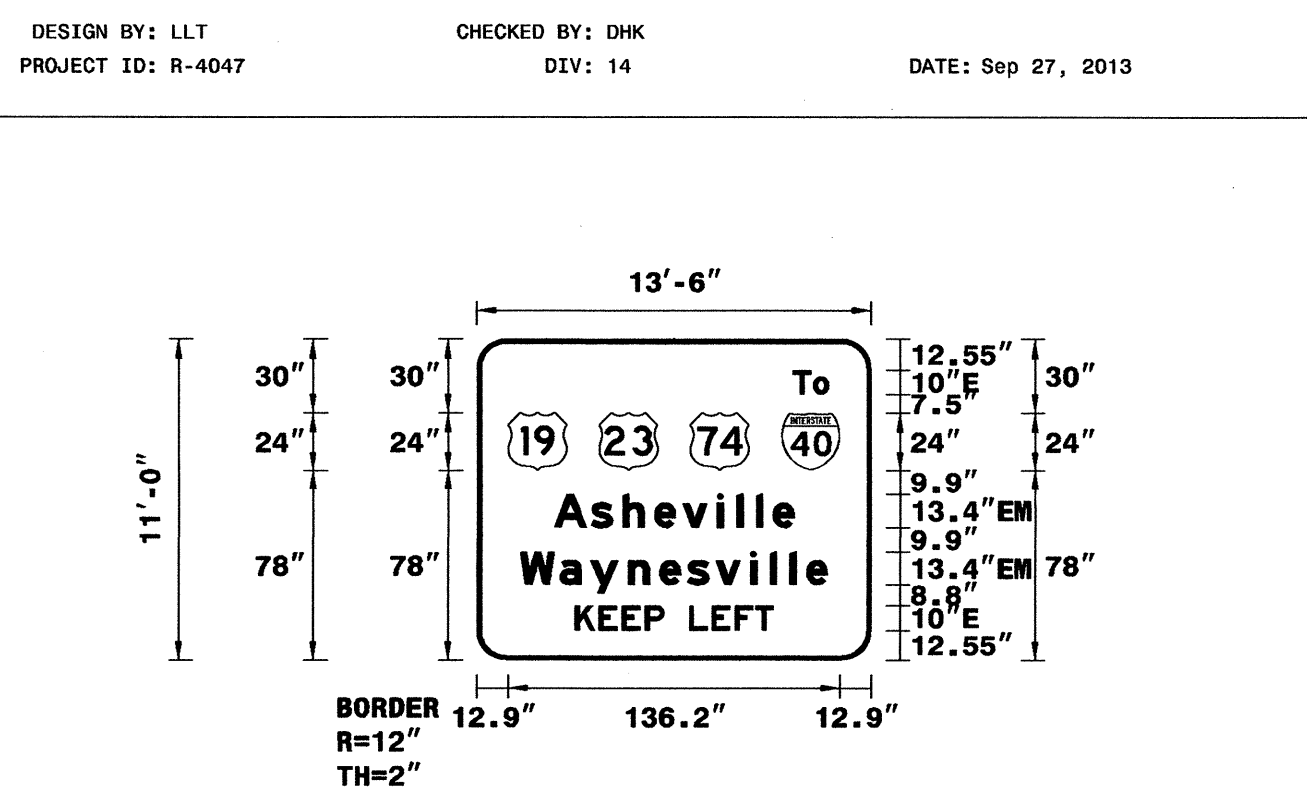
SCALE: NTS		REVISIONS
DATE: 12/17/2013		
DWG. BY:		
DESIGN BY:		
REVIEWED BY:		

PLOT DRIVER: NCDOT.pdf_mono_eng_50.ppt
 USER: dkerns
 FILE: North Carolina Dept. of Transportation\2013.Mobility_Safety_LSA_MNCDOT_R_4047_Signing\CA00\N4047_SGN_4A.dgn
 PENTABLE: NCDOT_Signing.tbl
 SCALE: 1:4.39462
 DATE: 12/17/2013
 TIME: 2:36:45 PM
 REVISIONS

SIGN NUMBER: 101
 TYPE: A
 QUANTITY: 1
 SIGN WIDTH: 13'-6"
 HEIGHT: 11'-0"
 TOTAL AREA: 148.5 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 12"
 NO. Z BARS: 3
 LENGTH: 154.0

SYMBOL	X	Y	WIDTH	HEIGHT
M1_4	12.9	78	24	24
M1_4	50.3	78	24	24
M1_4	87.7	78	24	24
M1_1	125.1	78	24	24

MAT'L: 0.125" (3.2 mm) ALUMINUM



USE NOTES: 1,2,3
 1. Legend and border shall be direct applied Grade C reflective sheeting.
 2. Background shall be Grade C reflective sheeting.
 3. Shields shall be Grade C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

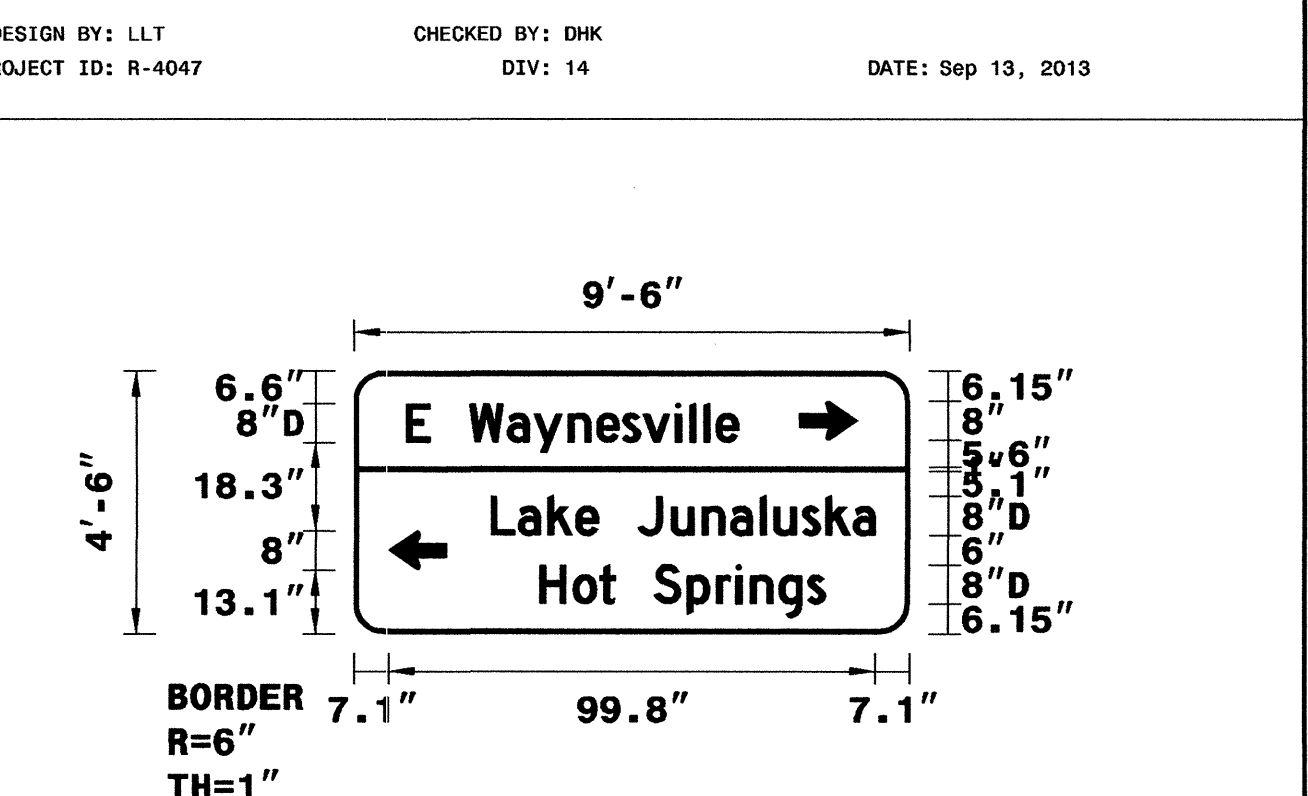
Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	14.9
EM 2000	98.8
EM 2000	126.2
E 2000	81.5

SIGN NUMBER: 103 110
 TYPE: A
 QUANTITY: 2
 SIGN WIDTH: 9'-6"
 HEIGHT: 4'-6"
 TOTAL AREA: 42.8 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 1"
 RADII: 6"
 NO. Z BARS: 2
 LENGTH: 106.0

SYMBOL	X	Y	WIDTH	HEIGHT
AR_Type D	91.3	39.9	8	12
AR_Type D	7.1	13.1	8	12

MAT'L: 0.125" (3.2 mm) ALUMINUM



USE NOTES: 1,2
 1. Legend and border shall be direct applied Grade C reflective sheeting.
 2. Background shall be Grade C reflective sheeting.
 3. Shields shall be Grade C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

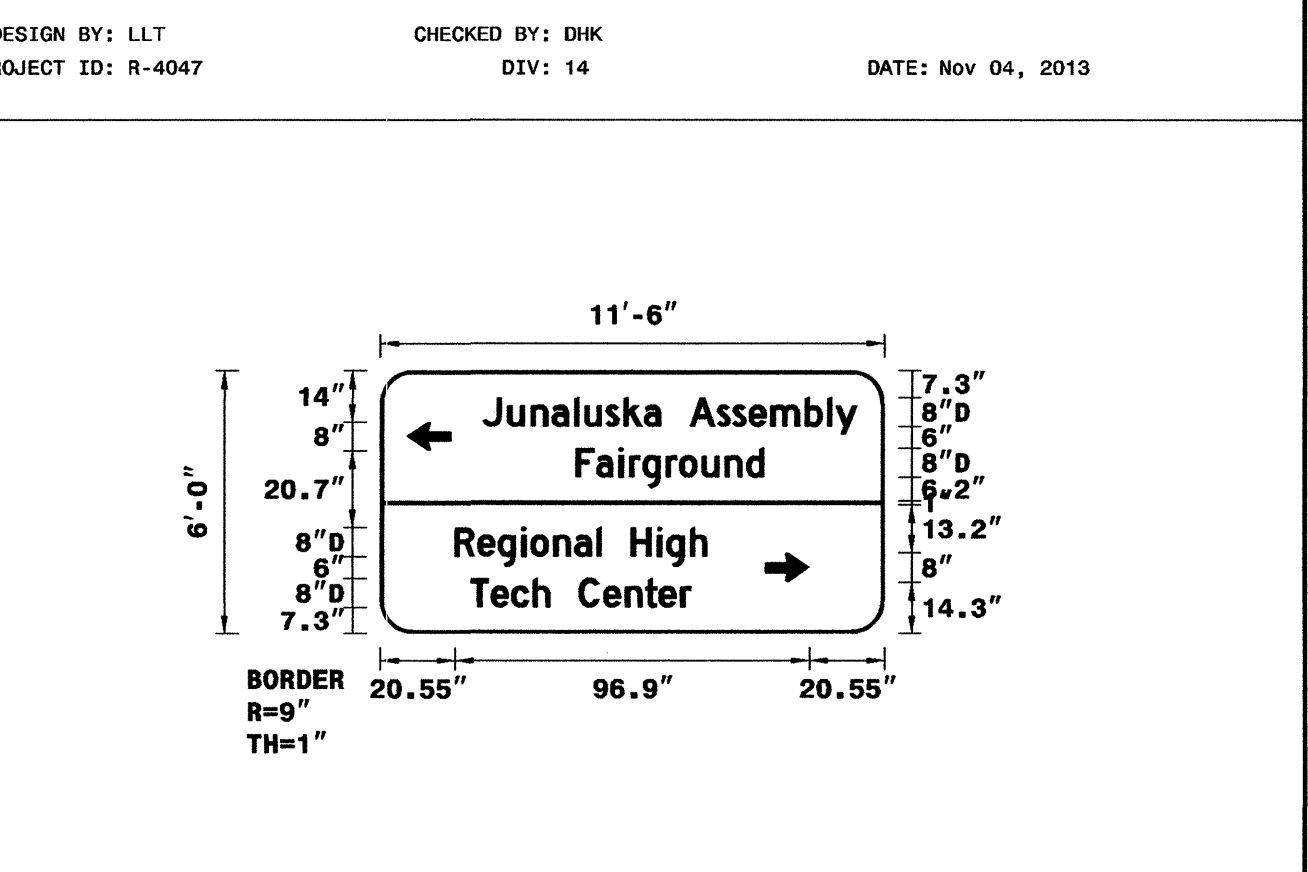
Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	68.2
D 2000	78.9
D 2000	58.7

SIGN NUMBER: 104 111
 TYPE: A
 QUANTITY: 2
 SIGN WIDTH: 11'-6"
 HEIGHT: 6'-0"
 TOTAL AREA: 69.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 1"
 RADII: 9"
 NO. Z BARS: 2
 LENGTH: 130.0

SYMBOL	X	Y	WIDTH	HEIGHT
AR_Type D	7.4	50	8	12
AR_Type D	105.6	14.3	8	12

MAT'L: 0.125" (3.2 mm) ALUMINUM



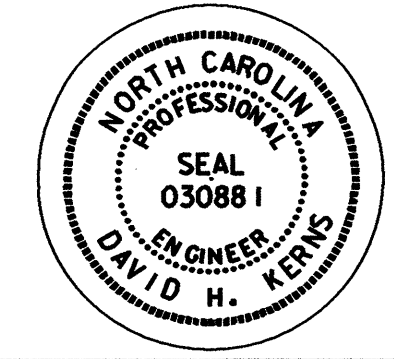
USE NOTES: 1,2
 1. Legend and border shall be direct applied Grade C reflective sheeting.
 2. Background shall be Grade C reflective sheeting.
 3. Shields shall be Grade C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	102.5
D 2000	51.4
D 2000	69
D 2000	60.4

PROJ. REFERENCE NO.	SHEET NO.
R-4047	SIGN-4A

APPROVED: *[Signature]* DATE: 12/18/2013



HDR HDR Engineering, Inc. of the Carolinas
 3733 National Drive, Suite 207 Raleigh, N.C. 27612
 N.C.B.E.L.S. License Number: F-0116

SIGN DESIGNS

SCALE: NTS	REVISIONS
DATE: 12/17/2013	
DWG. BY:	
DESIGN BY:	
REVIEWED BY:	

SIGN NUMBER: 3A
 TYPE: B
 QUANTITY: 1

BACKG COLOR: Green
 COPY COLOR: White

SYMBOL	X	Y	WIDTH	HEIGHT

SIGN WIDTH: 11'-0"
 HEIGHT: 2'-6"
 TOTAL AREA: 27.5 Sq.Ft.

BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 3"

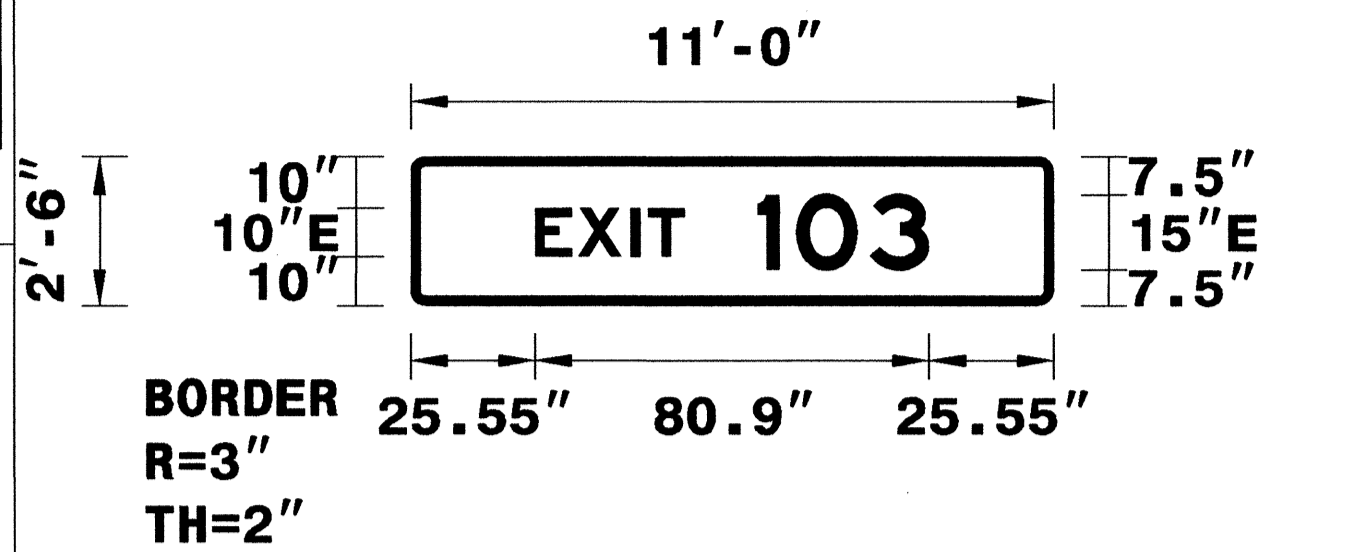
NO. Z BARS: 2
 LENGTH: 124.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: LLT
 PROJECT ID: R-4047

CHECKED BY: DHK
 DIV: 14

DATE: Oct 30, 2013



- USE NOTES: 1,2
- Legend and border shall be direct applied Grade C reflective sheeting.
 - Background shall be Grade C reflective sheeting.
 - Shields shall be Grade C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

Letter spacings are to start of next letter

Letter spacings are to start of next letter											Series/Size Text Length
E	X	I	T	1	0	3					E 2000
25.6	8.9	10.7	3.5	7.5	15	7.9	15.1	12.2	25.6		80.9

SIGN NUMBER: 3B
 TYPE: A
 QUANTITY: 1

BACKG COLOR: Green
 COPY COLOR: White

SYMBOL	X	Y	WIDTH	HEIGHT
M1_4	52.6	72.1	36	36

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

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

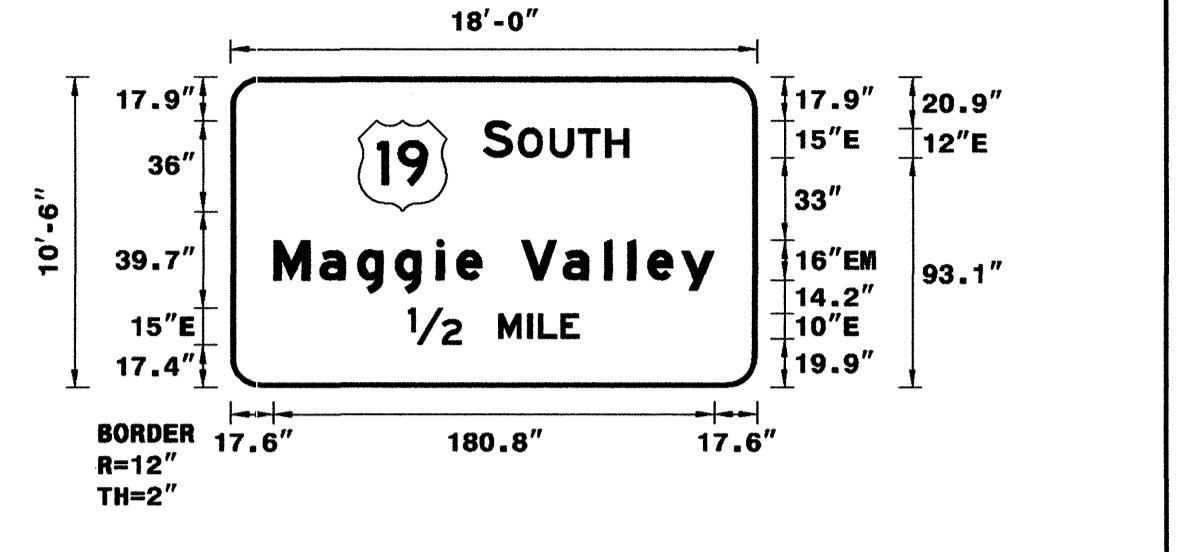
NO. Z BARS: 3
 LENGTH: 208.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: LLT
 PROJECT ID: R-4047

CHECKED BY: DHK
 DIV: 14

DATE: Sep 26, 2013



- USE NOTES: 1,2,3
- Legend and border shall be direct applied Grade A reflective sheeting.
 - Background shall be Grade C reflective sheeting.
 - Shields shall be Grade C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

Letter spacings are to start of next letter

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				59.8				
M	a	g	g	i	e	V	a	l	l	e	y	EM 2000			
17.8	18.9	15.5	15.5	17	8.2	10.6	16	17.1	17	9.6	8.2	13.8	13.6	17.6	180.8
1/2	M	I	L	E											E 2000
73	22	15	12	4.4	9.2	7.5	73								70.1

SIGN NUMBER: 5B
 TYPE: A
 QUANTITY: 1

BACKG COLOR: Green
 COPY COLOR: White

SYMBOL	X	Y	WIDTH	HEIGHT
M1_4	122.9	125.9	36	36
M1-5-3-24-7C	174.9	125.9	36	36

SIGN WIDTH: 21'-0"
 HEIGHT: 14'-6"
 TOTAL AREA: 304.5 Sq.Ft.

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

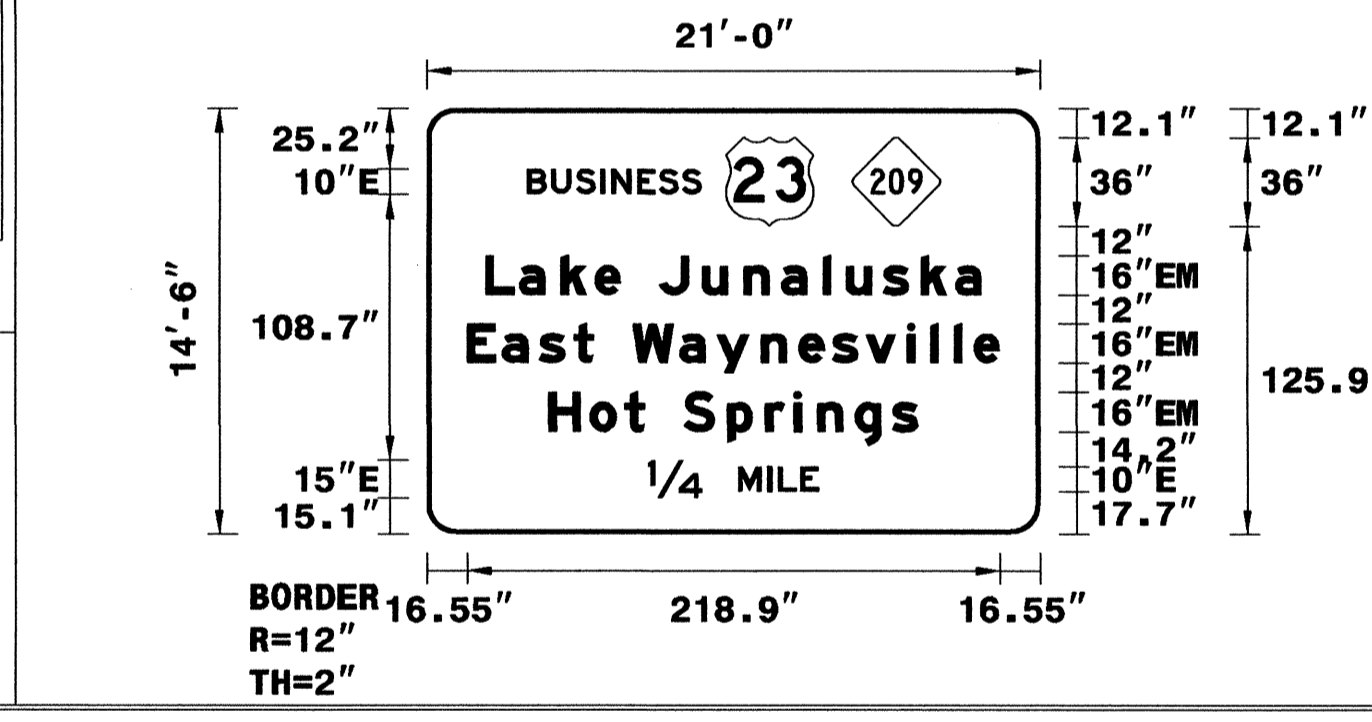
NO. Z BARS: 5
 LENGTH: 244.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: LLT
 PROJECT ID: R-4047

CHECKED BY: DHK
 DIV: 14

DATE: Sep 12, 2013



- USE NOTES: 1,2,3
- Legend and border shall be direct applied Grade A reflective sheeting.
 - Background shall be Grade C reflective sheeting.
 - Shields shall be Grade C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

Letter spacings are to start of next letter

Letter spacings are to start of next letter											Series/Size Text Length							
B	U	S	I	N	E	S	S				E 2000							
41	10.1	10.1	10.1	4.4	10.7	8.9	9.5	8.1	139.1		71.9							
L	a	k	e	J	u	n	a	l	u	s	k	a	EM 2000					
24.2	13.9	17	14.1	10.6	16	17.6	17	15.5	17	9.6	15.2	15.5	14.1	10.6	24.2	203.5		
E	a	s	t	W	a	y	n	e	s	v	i	l	e	EM 2000				
16.6	14.7	15.2	13.9	8.3	16	19.4	15.2	18.2	15.5	13.8	13.8	17	9.6	9.6	8.2	10.6	16.6	218.9
H	o	t	S	p	r	i	n	g	s									EM 2000
50.2	17	14.2	8.3	16	17.9	15.5	11.8	9.6	15.5	15.2	10.6	50.2					151.7	
1/4	M	I	L	E														E 2000
91	22	15	12	4.4	9.2	7.5	91										70.1	

SIGN NUMBER: 114
 TYPE: A
 QUANTITY: 1

BACKG COLOR: Green
 COPY COLOR: White

SYMBOL	X	Y	WIDTH	HT
M1_4	105.4	12	24	24
M1_4	142.8	12	24	24

SIGN WIDTH: 17'-0"
 HEIGHT: 6'-0"
 TOTAL AREA: 102.0 Sq.Ft.

BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 9"

NO. Z BARS: 2
 LENGTH: 196.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: LLT
 PROJECT ID: R-4047

CHECKED BY: DHK
 DIV: 14

DATE: Nov 04, 2013



- USE NOTES: 1,2,3
- Legend and border shall be direct applied Grade C reflective sheeting.
 - Background shall be Grade C reflective sheeting.
 - Shields shall be Grade C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

Letter spacings are to start of next letter

Letter spacings are to start of next letter											Series/Size Text Length							
W	C	a	r	o	l	i	n	a	U	n	i	v	EM 2000					
14.9	14.1	13.3	13.3	14.1	8.7	13.2	8	8	12.9	8.8	13.3	15.3	14.1	6.5	10.3	14.9	174.1	
F	O	L	L	O	W													E 2000
37.2	8.9	10.7	9.2	8.9	9.8	10.6	108.7										58.1	

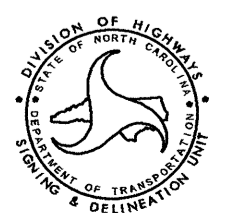
PLOT DRIVER: NCDOT - pdf_mono_eng_50.pit
 USER: dkersn
 DATE: 12/17/2013
 TIME: 2:36:55 PM
 SCALE: 1:4:39462
 FILE: North Carolina Dept. of Transportation\2013\Mobility_Safety_LSA_MNCDOT_R_4047_Sign_Plan_TO_5_C\06.00_Project_Design\R-4047\Traffic\Signing\CADD\R4047_SGN_4B.dgn

APPROVED: *[Signature]* DATE: 12/19/2013



SIGN DESIGNS

SCALE: NTS
 DATE: 12/17/2013
 DWG. BY:
 DESIGN BY:
 REVIEWED BY:



REVISIONS	

SIGN NUMBER: 105
TYPE: A
QUANTITY: 1

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WIDTH	HT
M1_4	21.6	56.9	24	24
M1_4	71.5	56.9	24	24
M1_4	117	56.9	24	24
M1_1	154.4	56.9	24	24
AR_Type A	78.7	8.3	19.2	30.2

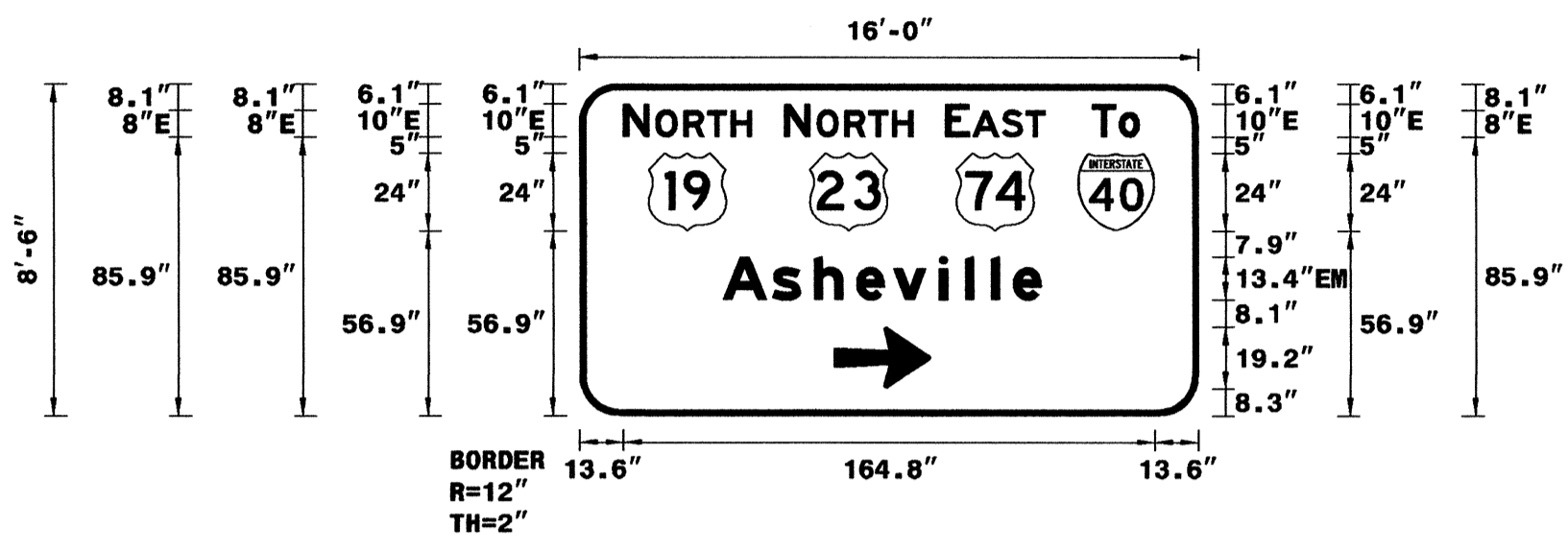
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: LLT
PROJECT ID: R-4047

CHECKED BY: DHK
DIV: 14

DATE: Dec 13, 2013

- USE NOTES: 1,2,3
- Legend and border shall be direct applied Grade C reflective sheeting.
 - Background shall be Grade C reflective sheeting.
 - Shields shall be Grade C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.



Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	40
E 2000	40
E 2000	30.9
E 2000	14.9
EM 2000	96.8

SIGN NUMBER: 107
TYPE: A
QUANTITY: 1

BACKG COLOR: Green / Green / Green
COPY COLOR: White

SYMBOL	X	Y	WIDTH	HEIGHT
AR_Type D	19.8	47.3	8	12
AR_Type D	25.5	27	8	12
AR_Type D	94.4	6.7	8	12

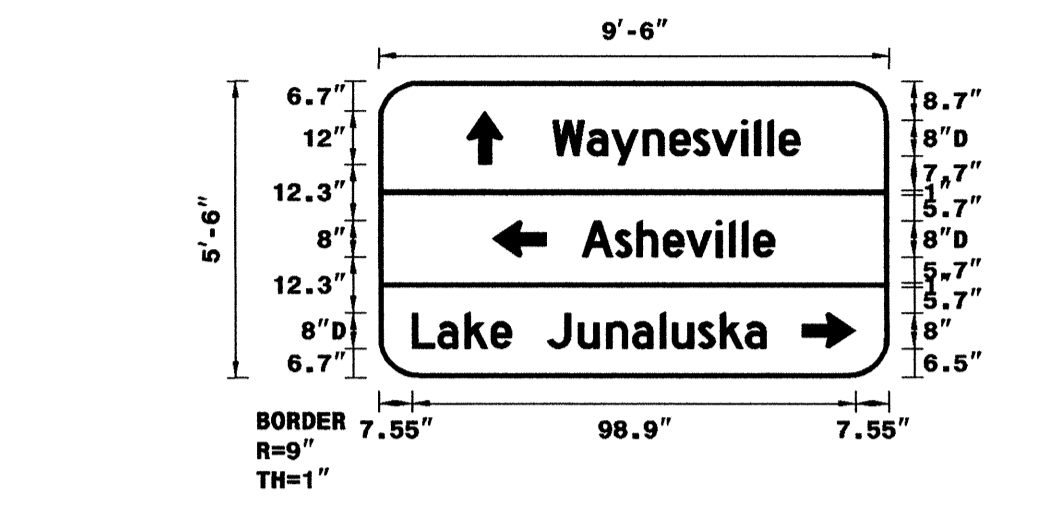
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: LLT
PROJECT ID: R-4047

CHECKED BY: DHK
DIV: 14

DATE: Sep 13, 2013

- USE NOTES: 1,2
- Legend and border shall be direct applied Grade C reflective sheeting.
 - Background shall be Grade C reflective sheeting.
 - Shields shall be Grade C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.



Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	55.3
D 2000	43
D 2000	78.9

SIGN NUMBER: 106
TYPE: A
QUANTITY: 1

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WIDTH	HT
M1_4	22.8	55.6	24	24
M1_4	72.7	55.6	24	24
M1_4	118.8	55.6	24	24
AR_Type A	65.9	6.9	19.2	30.2

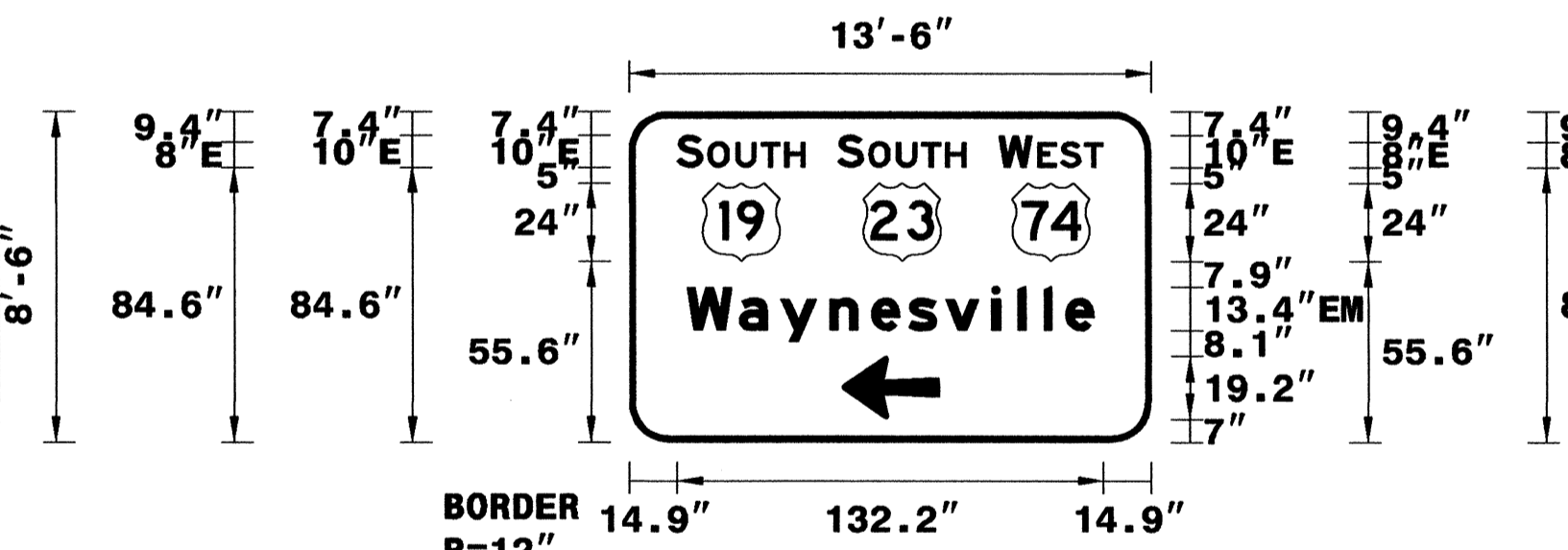
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: LLT
PROJECT ID: R-4047

CHECKED BY: DHK
DIV: 14

DATE: Dec 13, 2013

- USE NOTES: 1,2,3
- Legend and border shall be direct applied Grade C reflective sheeting.
 - Background shall be Grade C reflective sheeting.
 - Shields shall be Grade C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.



Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	39.8
E 2000	39.8
E 2000	32.5
EM 2000	126.2

SIGN NUMBER: 116B
TYPE: A
QUANTITY: 1

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WIDTH	HEIGHT
M1_4	117.7	105.1	36	36
NC363B	165.7	105.2	36	36

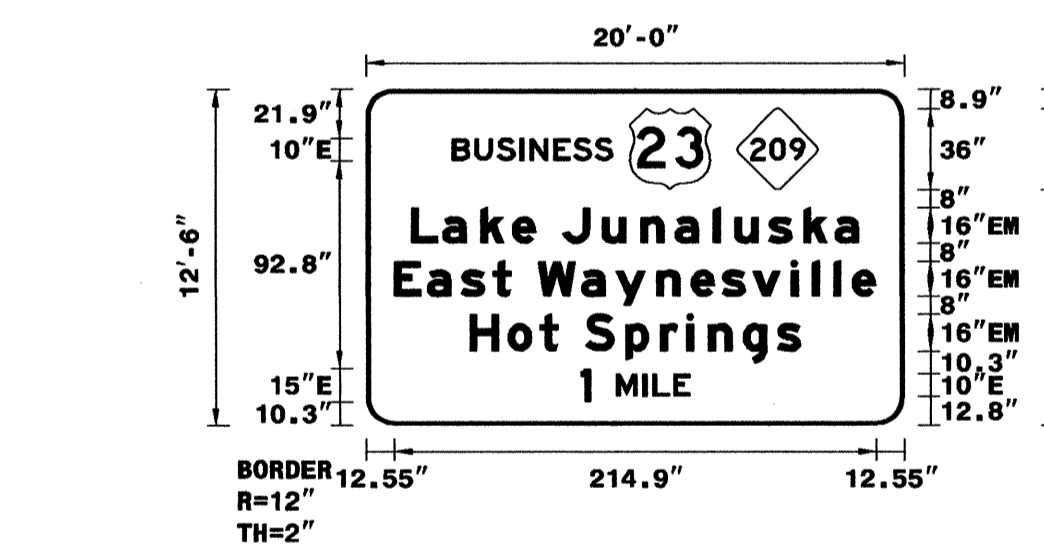
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: LLT
PROJECT ID: R-4047

CHECKED BY: DHK
DIV: 14

DATE: Dec 16, 2013

- USE NOTES: 1,2,3
- Legend and border shall be direct applied Grade C reflective sheeting.
 - Background shall be Grade C reflective sheeting.
 - Shields shall be Grade C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.



Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	71.9
EM 2000	199.5
EM 2000	214.9
EM 2000	147.7
E 2000	48.9

PLOT DRIVER: NCDOT_pdf_mono_eng_50.plt
 USER: dkersn
 DATE: 12/17/2013
 TIME: 2:37:06 PM
 SCALE: 1/4"=1'-0"
 FILE: North_Carolina_Dept_of_Transportation\2013_Mobility_Safety_LSA_M\NCDOT_R-4047_Traffic_Signing\CA\ADD\4047_SIGN_4C.dgn

APPROVED: *[Signature]* DATE: 12/19/2013

SIGN DESIGNS

SCALE: NTS		<table border="1"> <tr> <th colspan="2">REVISIONS</th> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	REVISIONS							
REVISIONS										
DATE: 12/17/2013										
DWG. BY:										
DESIGN BY:										

REVIEWED BY:

SIGN NUMBER: 109
TYPE: A
QUANTITY: 1

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WIDTH	HT
M1_4	12.9	78	24	24
M1_4	50.3	78	24	24
M1_4	87.7	78	24	24
M1_1	125.1	78	24	24

SIGN WIDTH: 13'-6"
HEIGHT: 11'-0"
TOTAL AREA: 149.5 Sq.Ft.

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

NO. Z BARS: 3
LENGTH: 154.0

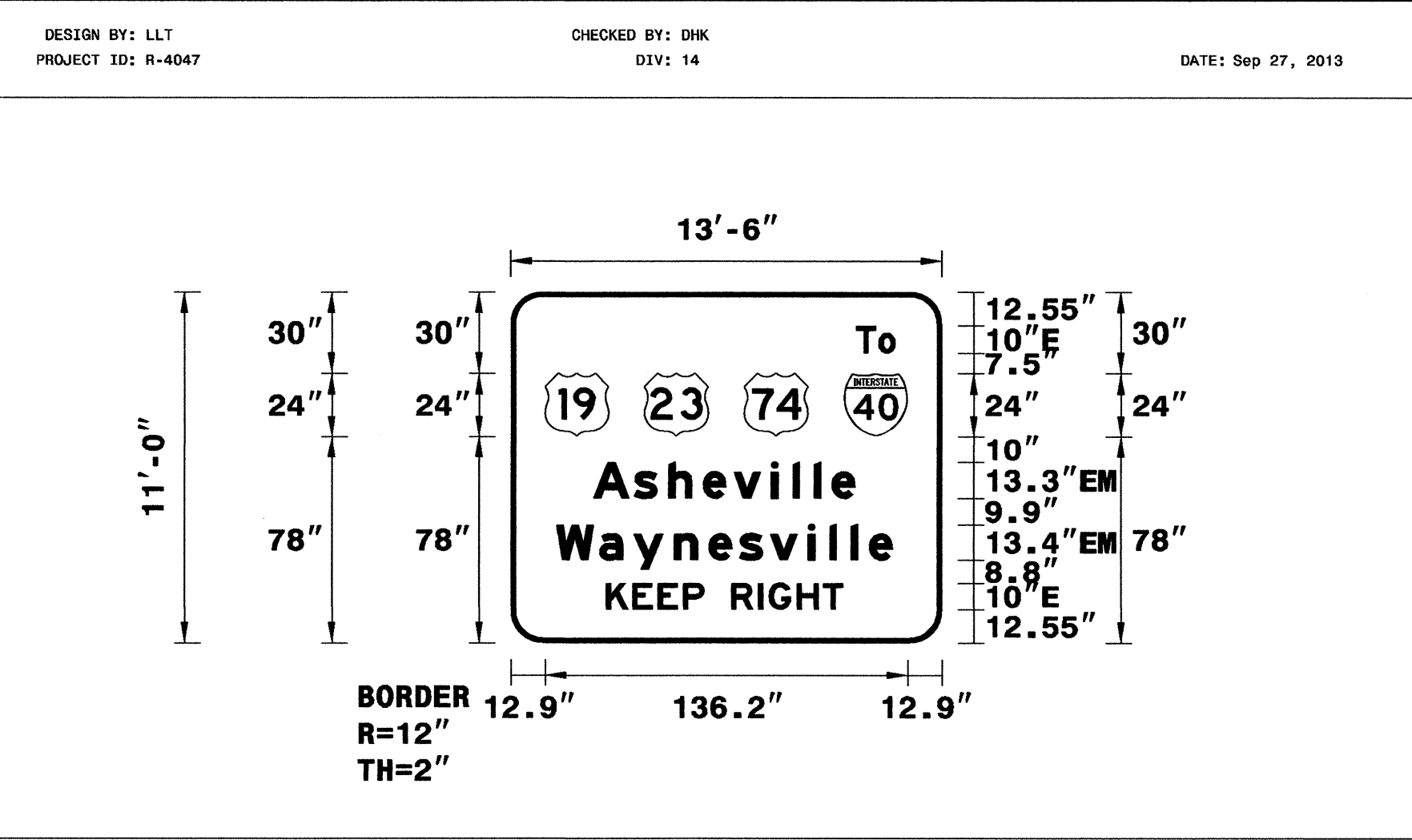
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: LLT
PROJECT ID: R-4047

CHECKED BY: DHK
DIV: 14

DATE: Sep 27, 2013

USE NOTES: 1,2,3
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields shall be Grade C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.



Letter spacings are to start of next letter

Letter spacings are to start of next letter													Series/Size Text Length
T	o												E 2000
129.7	8.5	6.4	17.4										14.9
A	s	h	e	v	i	l	i	e					EM 2000
31.3	15.2	12.9	12.9	11.5	14.1	8	8	6.8	8.8	32.5			98.2
W	a	y	n	e	s	v	i	l	i	e			EM 2000
17.3	16.2	12.7	15.3	13	11.5	11.5	14.2	8	8	6.8	8.8	18.5	126.2
K	E	E	P	R	I	G	H	T					E 2000
35.9	9.9	9.5	9.5	8.1	10	10.1	4.1	10.4	9.8	7.5	37.2		88.9

SIGN NUMBER: 1128
TYPE: A
QUANTITY: 1

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WIDTH	HEIGHT
M1_4	122.9	125.6	36	36
M1-5-3-24-7C	175	125.6	36	36

SIGN WIDTH: 21'-0"
HEIGHT: 14'-6"
TOTAL AREA: 304.5 Sq.Ft.

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

NO. Z BARS: 5
LENGTH: 244.0

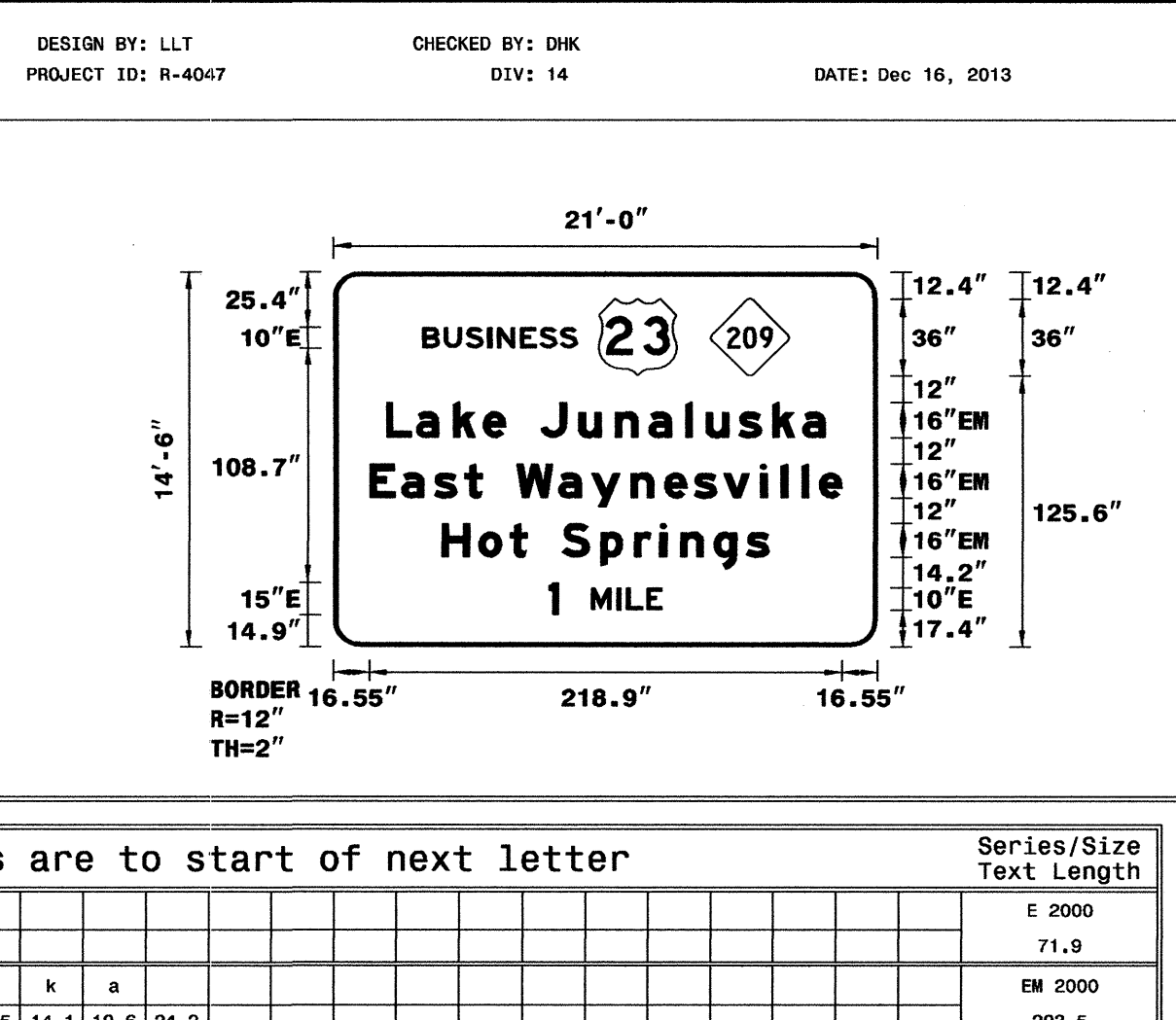
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: LLT
PROJECT ID: R-4047

CHECKED BY: DHK
DIV: 14

DATE: Dec 16, 2013

USE NOTES: 1,2,3
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields shall be Grade C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.



Letter spacings are to start of next letter

Letter spacings are to start of next letter													Series/Size Text Length					
B	U	S	I	N	E	S	S						E 2000					
41	10.1	10.1	10.1	4.4	10.7	8.9	9.5	8.1	139.1				71.9					
L	a	k	e	J	u	n	a	l	u	s	k	a	EM 2000					
24.2	13.9	17	14.1	10.6	16	17.6	17	15.5	17	9.6	15.2	15.5	14.1	10.6	24.2	203.5		
E	a	s	t	W	a	y	n	e	s	v	i	l	i	e		EM 2000		
16.6	14.7	15.2	13.9	8.3	16	19.4	15.2	18.2	15.5	13.8	13.8	17	9.6	9.6	8.2	10.6	16.6	218.9
H	o	t	S	p	r	i	n	g	s									EM 2000
50.2	17	14.2	8.3	16	17.9	15.5	11.8	9.6	15.5	15.2	10.6	50.2					151.7	
1	M	I	L	E														E 2000
99.7	4.5	15	12	4.4	9.2	7.5	99.7											52.6

SIGN NUMBER: 112A 116A
TYPE: B
QUANTITY: 2

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WIDTH	HEIGHT

SIGN WIDTH: 11'-0"
HEIGHT: 2'-6"
TOTAL AREA: 27.5 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0"
RADIUS: 3"

NO. Z BARS: 2
LENGTH: 124.0

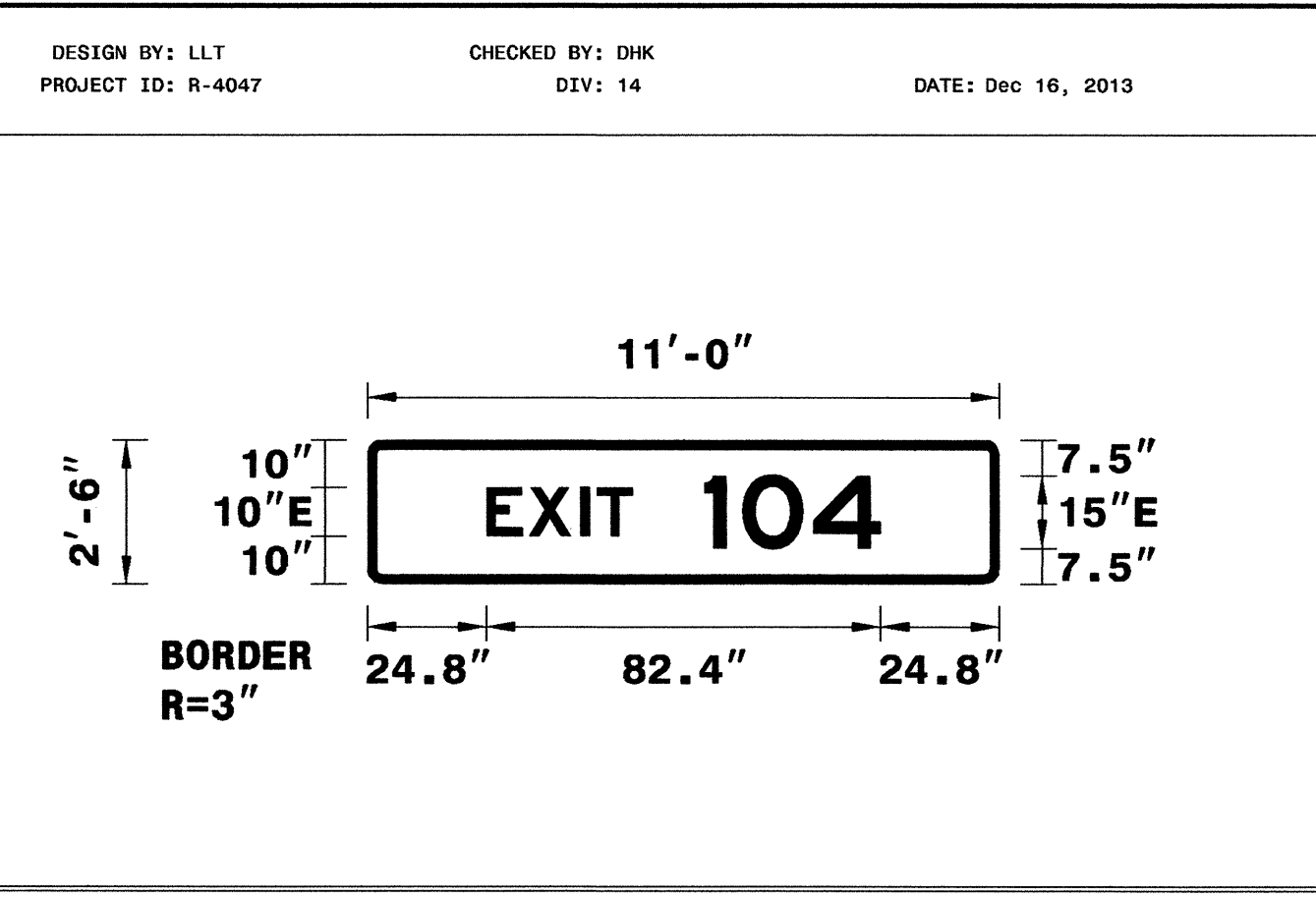
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: LLT
PROJECT ID: R-4047

CHECKED BY: DHK
DIV: 14

DATE: Dec 16, 2013

USE NOTES: 1,2,3
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields shall be Grade C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.



Letter spacings are to start of next letter

Letter spacings are to start of next letter													Series/Size Text Length
E	X	I	T	1	0	4							E 2000
24.8	8.9	10.7	3.5	7.5	15	8	14.7	14.1	24.8				82.4

SIGN NUMBER: 113 115
TYPE: A
QUANTITY: 2

BACKG COLOR: Blue / Green
COPY COLOR: White

SYMBOL	X	Y	WIDTH	HEIGHT

SIGN WIDTH: 14'-6"
HEIGHT: 11'-6"
TOTAL AREA: 166.8 Sq.Ft.

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

NO. Z BARS: 3
LENGTH: 166.0

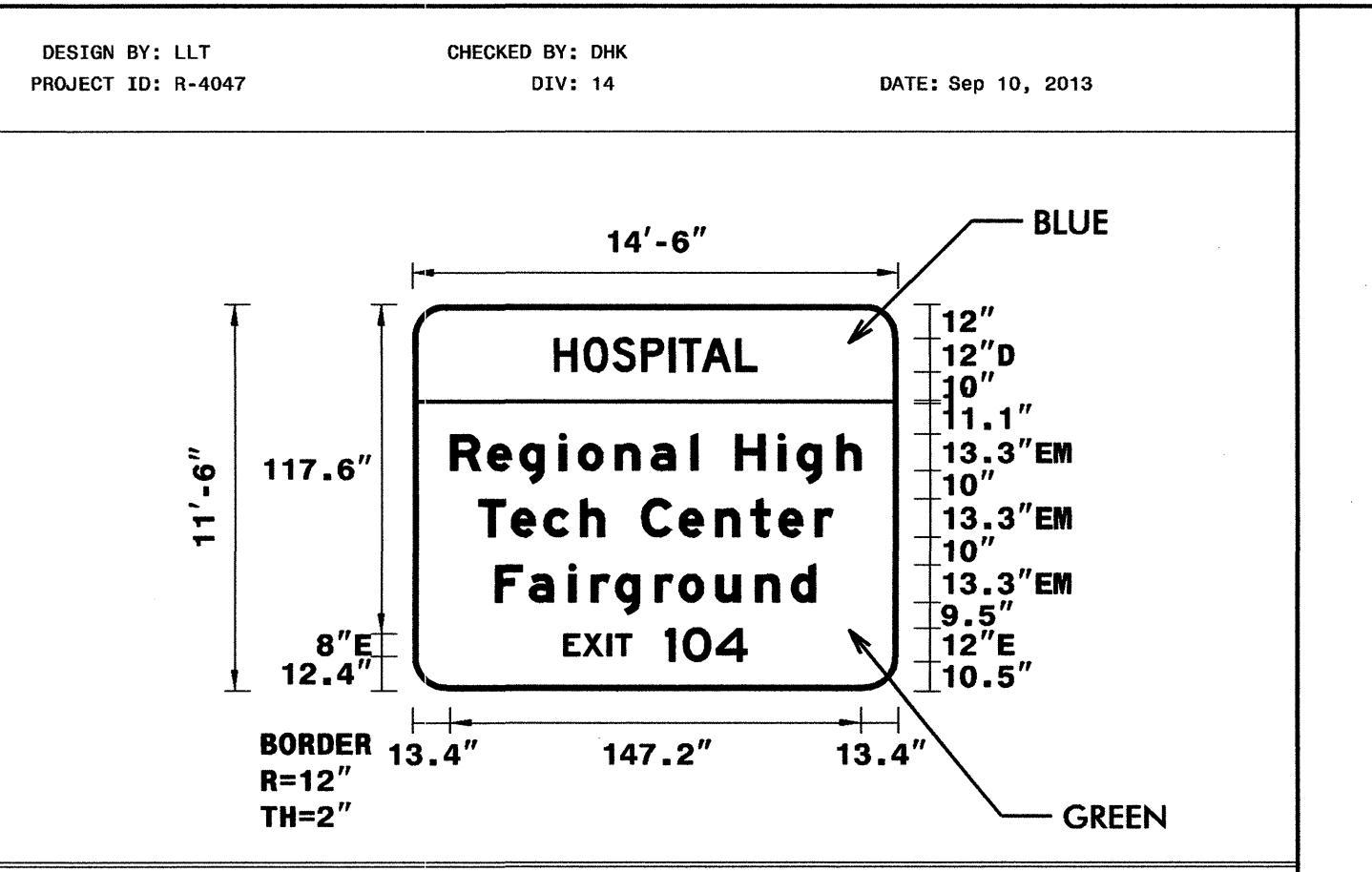
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: LLT
PROJECT ID: R-4047

CHECKED BY: DHK
DIV: 14

DATE: Sep 10, 2013

USE NOTES: 1,2
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields shall be Grade C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.



Letter spacings are to start of next letter

Letter spacings are to start of next letter													Series/Size Text Length					
H	O	S	P	I	T	A	L						D 2000					
50.7	10.8	10.3	10.2	10	3.7	8.2	12	7.4	50.7				72.6					
R	e	g	i	o	n	a	l	H	i	g	h		EM 2000					
13.4	13.2	11.7	14.1	6.8	13.2	12.9	14.1	2.7	13.3	15.3	6.8	14.1	8.8	13.4	147.2			
T	e	c	h	C	e	n	t	e	r									EM 2000
23.4	11.9	11.7	12.9	8.8	13.3	13.3	12.9	12.8	10	12.9	6.7	23.3					127.3	
F	a	i	r	g	r	o	u	n	d									EM 2000
29.5	12.3	14.1	8	8.7	14.1	8.7	13.2	14.1	12.9	8.8	29.5						114.9	
E	X	I	T	1	0	4												E 2000
54.1	7.1	8.6	2.8	6	12	6.4	11.8	11.3	54.1									65.9

PLOT DRIVER: NCDOT1.pdf.mono.eng.50.ppt
 USER: dkerns
 DATE: 12/17/2013
 TIME: 2:37:16 PM
 SCALE: 1:4.39462
 FILE: North Carolina Dept. of Transportation\2013\Mobility_Safety_LSL\MNCDOT-R-4047_Sign-PL1 TO 5.C\06.00-Project_Design\R-4047-Traffic_Signing\CADD\R4047_SGN_4D.dgn

APPROVED: *[Signature]* DATE: 12/18/2013

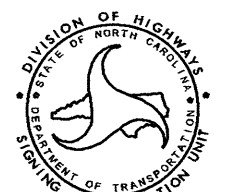
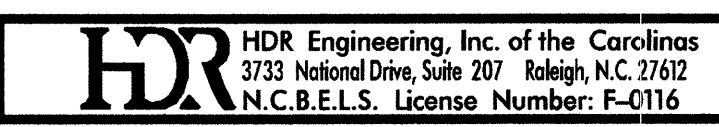
SIGN DESIGNS

SCALE: NTS
DATE: 12/17/2013
DWG. BY:
DESIGN BY:
REVIEWED BY:

REVISIONS

NO.	DESCRIPTION

CADD FILE



SIGN NUMBER: 102
TYPE: A
QUANTITY: 1

BACKG COLOR: Green / Green
COPY COLOR: White

SYMBOL	X	Y	WIDTH	HEIGHT
M1_4	59.5	123.2	24	24
M1_4	109.4	123.2	24	24
M1_4	154.7	123.2	24	24
AR_Type A	18.9	117.1	19.2	30.2
M1_4	32.2	39.1	24	24
M1_4	82.1	39.1	24	24
M1_4	128.4	39.1	24	24
M1_1	165.8	39.1	24	24
AR_Type A	14.2	12.9	19.2	30.2

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: LLT
PROJECT ID: R-4047

CHECKED BY: DHK
DIV: 14

DATE: Nov 21, 2013

USE NOTES: 1,2,3

- Legend and border shall be direct applied Grade C reflective sheeting.
- Background shall be Grade C reflective sheeting.
- Shields shall be Grade C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
- Bottom panel shall be yellow Grade C sheeting on background with black recessed border.
RECESS = 0.5" THICKNESS = 2.5"

SIGN WIDTH: 17'-0"
HEIGHT: 14'-6"
TOTAL AREA: 246.5 Sq.Ft.

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

NO. Z BARS: 5
LENGTH: 196.0

SIGN NUMBER: 108
TYPE: A
QUANTITY: 1

BACKG COLOR: Green / Green
COPY COLOR: White

SYMBOL	X	Y	WIDTH	HEIGHT
M1_4	45.6	122.4	24	24
M1_4	95.6	122.4	24	24
M1_4	141.8	122.4	24	24
M1_1	179.2	122.4	24	24
AR_Type A	12.8	116.3	19.2	30.2
M1_4	30	36.9	24	24
M1_4	79.8	36.9	24	24
M1_4	125.2	36.9	24	24
AR_Type A	163.7	36.4	19.2	30.2

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: LLT
PROJECT ID: R-4047

CHECKED BY: DHK
DIV: 14

DATE: Nov 21, 2013

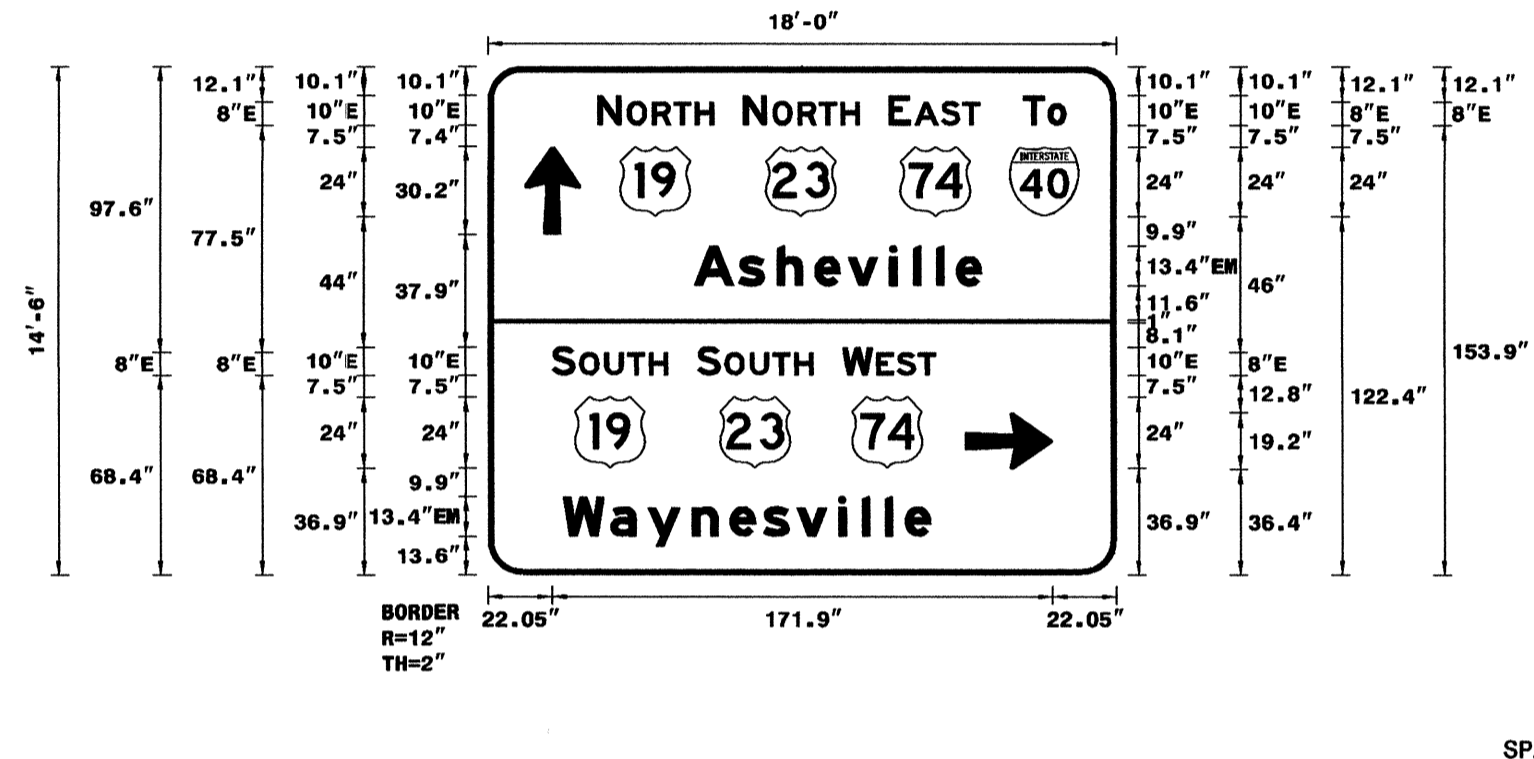
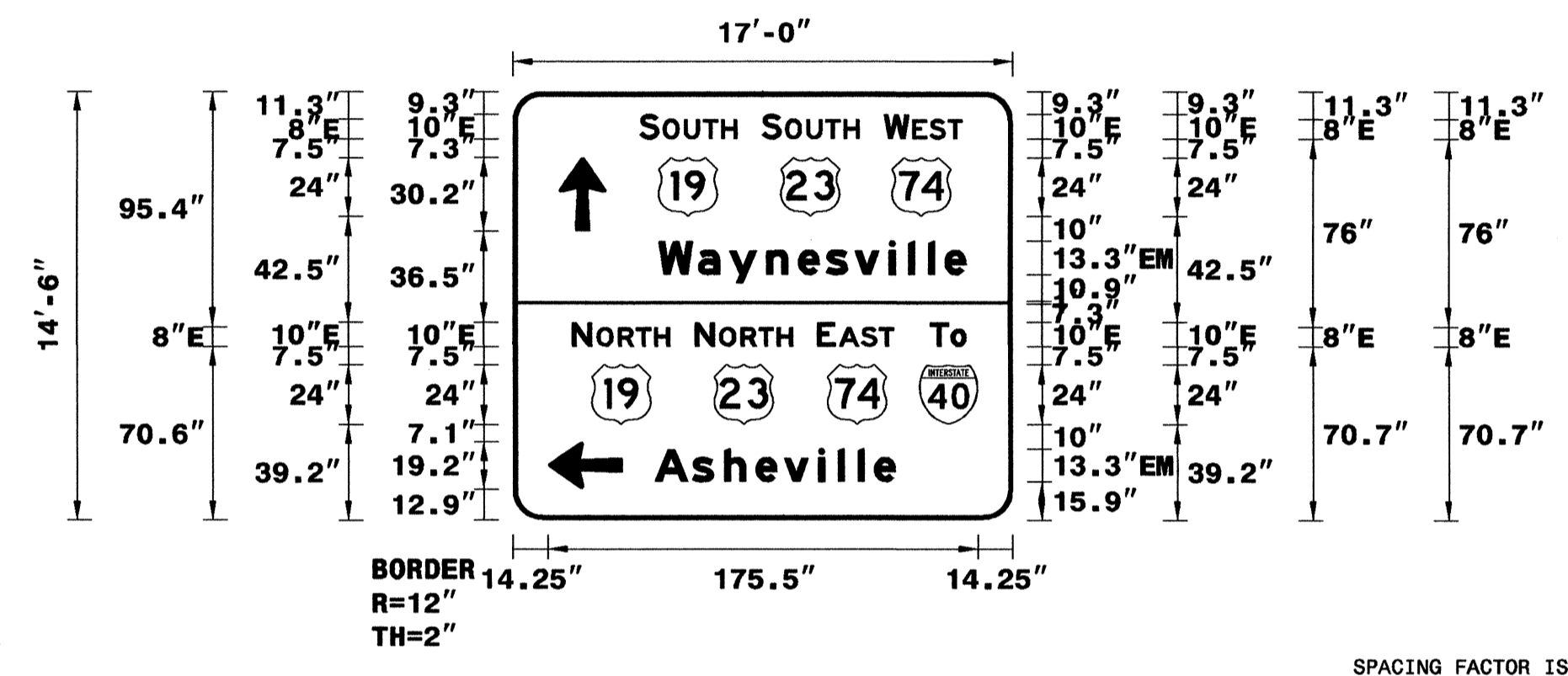
USE NOTES: 1,2,3

- Legend and border shall be direct applied Grade A reflective sheeting.
- Background shall be Grade C reflective sheeting.
- Shields shall be Grade A reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

SIGN WIDTH: 18'-0"
HEIGHT: 14'-6"
TOTAL AREA: 261.0 Sq.Ft.

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

NO. Z BARS: 5
LENGTH: 208.0



Letter spacings are to start of next letter

Letter	S	O	U	T	H	Series/Size Text Length								
S	51.6	8.1	1.5	8.6	7.4	6.5	112.6	E 2000						
S	101.4	8.1	1.5	8.6	7.4	6.5	62.7	E 2000						
W	151.3	10.6	1.1	7.1	7.4	6	20.5	E 2000						
W a y n e s v i l l e	59.5	16.1	12.7	15.2	12.9	11.5	11.5	14.1	8	8	6.8	8.8	18.9	EM 2000
N	24.2	8.1	2.1	8.6	7.4	7.4	6.5	139.9	E 2000					
N	74.2	8.1	2.1	8.6	7.4	7.4	6.5	89.9	E 2000					
E	124.1	7.5	1.5	9	7.4	6	48.5	E 2000						
T	170.3	8.5	6.4	18.8					E 2000					
A s h e v i l l e	57.9	15.2	12.9	12.9	11.5	14.1	8	8	6.8	8.8	47.9	EM 2000		

Letter spacings are to start of next letter

Letter	N	O	R	T	H	Series/Size Text Length								
N	37.7	8.1	2.1	8.6	7.4	7.4	6.5	138.4	E 2000					
N	87.6	8.1	2.1	8.6	7.4	7.4	6.5	88.4	E 2000					
E	137.6	7.5	1.5	9	7.4	6	47	E 2000						
T	183.8	8.5	6.4	17.3					E 2000					
A s h e v i l l e	71.1	15.3	13	13	11.5	14.2	8	8	6.8	8.8	46.2	EM 2000		
S	22	8.1	1.5	8.6	7.8	7.4	6.5	154.1	E 2000					
S	71.9	8.1	1.5	8.6	7.8	7.4	6.5	104.3	E 2000					
W	121.7	10.6	1.1	7.1	7.4	6	62.1	E 2000						
W a y n e s v i l l e	25.8	16.2	12.7	15.3	13	11.5	11.5	14.2	8	8	6.8	8.8	63.9	EM 2000

PLOT DRIVER: NCDOT.pdf_mono_eng_50.pit
 USER: dkerns
 FILE: North Carolina Dept. of Transportation\2013_Mobility_Safety_LSA_MNCDOT_R_4047_Sign_PM_To_S_C_06.00_Project_Design\R-4047_Traffic_Signing\CADD\R4047_SIGN_4E.dgn
 PENTABLE: NCDOT_Signing.tbl
 TIME: 2:37:26 PM
 SCALE: 1:4.39462
 DATE: 12/17/2013
 REVISIONS

APPROVED: *[Signature]* DATE: 12/18/2013

SIGN DESIGNS

SCALE: NTS
DATE: 12/17/2013
DWG. BY:
DESIGN BY:
REVIEWED BY:

REVISIONS

CADD FILE

HDR Engineering, Inc. of the Carolinas
3733 National Drive, Suite 207 Raleigh, N.C. 27612
N.C.B.E.L.S. License Number: F-0116

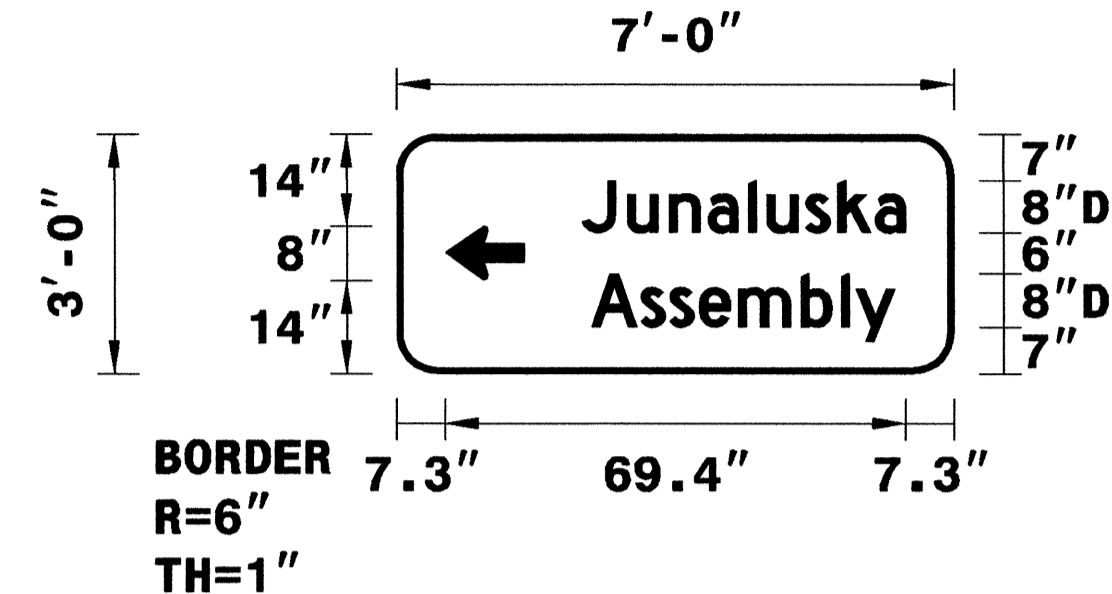
DAVID H. KERNS
PROFESSIONAL ENGINEER
SEAL 030881

SIGN NUMBER: 301
TYPE: D
QUANTITY: 1
SIGN WIDTH: 7'-0"
HEIGHT: 3'-0"
TOTAL AREA: 21.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADIUS: 6"
NO. Z BARS:
LENGTH:

SYMBOL	X	Y	WIDTH	HT
AR_Type D	7.3	14	8	12

USE NOTES: 1,2
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields shall be Grade C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

DESIGN BY: LLT
PROJECT ID: R-4047
CHECKED BY: DHK
DIV: 14
DATE: Nov 05, 2013



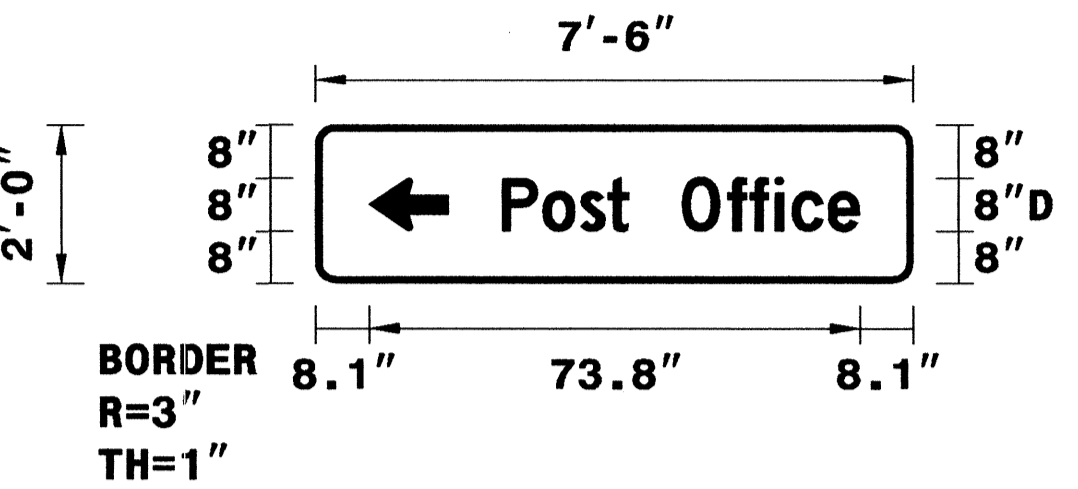
Letter spacings are to start of next letter

	J	u	n	a	l	u	s	k	a		Series/Size Text Length
28	6.8	6.3	5.8	6.1	2.8	5.8	4.8	5.7	4.6	7.3	D 2000 48.7
	A	s	s	e	m	b	l	y			D 2000 45.8
29.4	7.4	4.3	4.5	5.8	9.4	6.1	2.2	6	8.8		

SIGN NUMBER: 303
TYPE: D
QUANTITY: 1
SIGN WIDTH: 7'-6"
HEIGHT: 2'-0"
TOTAL AREA: 15.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADIUS: 3"
NO. Z BARS:
LENGTH:

SYMBOL	X	Y	WIDTH	HEIGHT
AR_Type D	8.1	8	8	12

USE NOTES: 1,2
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields shall be Grade C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.



Letter spacings are to start of next letter

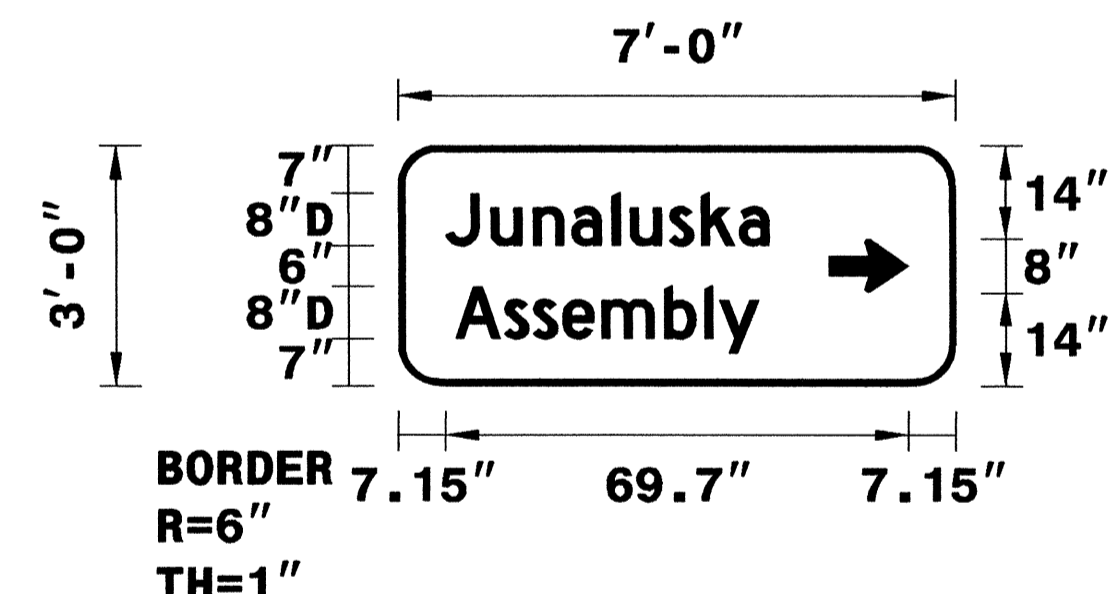
	P	o	s	t	O	f	f	i	c	e		Series/Size Text Length	
28.1	6.2	5.7	4.1	3.2	8	6.8	3.4	3.8	2.6	5.4	4.7	8.1	D 2000 53.8

SIGN NUMBER: 302
TYPE: D
QUANTITY: 1
SIGN WIDTH: 7'-0"
HEIGHT: 3'-0"
TOTAL AREA: 21.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADIUS: 6"
NO. Z BARS:
LENGTH:

SYMBOL	X	Y	WIDTH	HT
AR_Type D	64.9	14	8	12

USE NOTES: 1,2
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields shall be Grade C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.

DESIGN BY: LLT
PROJECT ID: R-4047
CHECKED BY: DHK
DIV: 14
DATE: Nov 05, 2013



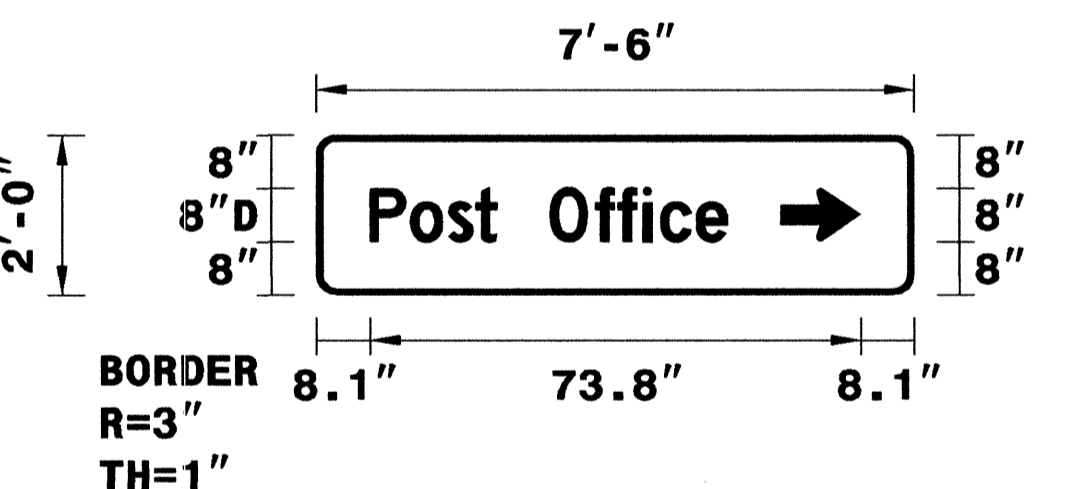
Letter spacings are to start of next letter

	J	u	n	a	l	u	s	k	a		Series/Size Text Length
7.1	6.8	6.3	5.8	6.1	2.8	5.8	4.8	5.7	4.6	28.1	D 2000 48.7
	A	s	s	e	m	b	l	y			D 2000 45.8
8.6	7.4	4.3	4.5	5.8	9.4	6.1	2.2	6	29.6		

SIGN NUMBER: 304
TYPE: D
QUANTITY: 1
SIGN WIDTH: 7'-6"
HEIGHT: 2'-0"
TOTAL AREA: 15.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADIUS: 3"
NO. Z BARS:
LENGTH:

SYMBOL	X	Y	WIDTH	HEIGHT
AR_Type D	69.9	8	8	12

USE NOTES: 1,2
1. Legend and border shall be direct applied Grade C reflective sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields shall be Grade C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.



Letter spacings are to start of next letter

	P	o	s	t	O	f	f	i	c	e		Series/Size Text Length	
8.1	6.2	5.7	4.1	3.2	8	6.8	3.4	3.8	2.6	5.4	4.7	28.1	D 2000 53.8

PLOT DRIVER: NCD07.pdf_mono_eng_50.ppt
 USER: ckerns
 DATE: 12/17/2013
 TIME: 2:38:00 PM
 SCALE: 1:4.39462
 FILE: North Carolina Dept. of Transportation 2013_Mobility_Safety_LSA_MNCD07_R_4047_Sign_Plan_TO_S_C06.00_Project_Design\R-4047_Traffic_Signing\CADD\R4047_5GN_4G.dgn

REVISIONS

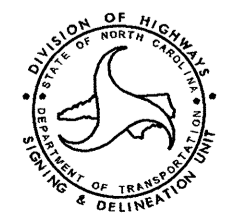
APPROVED: *David H. Kerns* DATE: 12/18/2013



HDR HDR Engineering, Inc. of the Carolinas
3733 National Drive, Suite 207 Raleigh, N.C. 27612
N.C.B.E.L.S. License Number: F-0116

SIGN DESIGNS

SCALE: NTS
DATE: 12/17/2013
DWG. BY:
DESIGN BY:
REVIEWED BY:



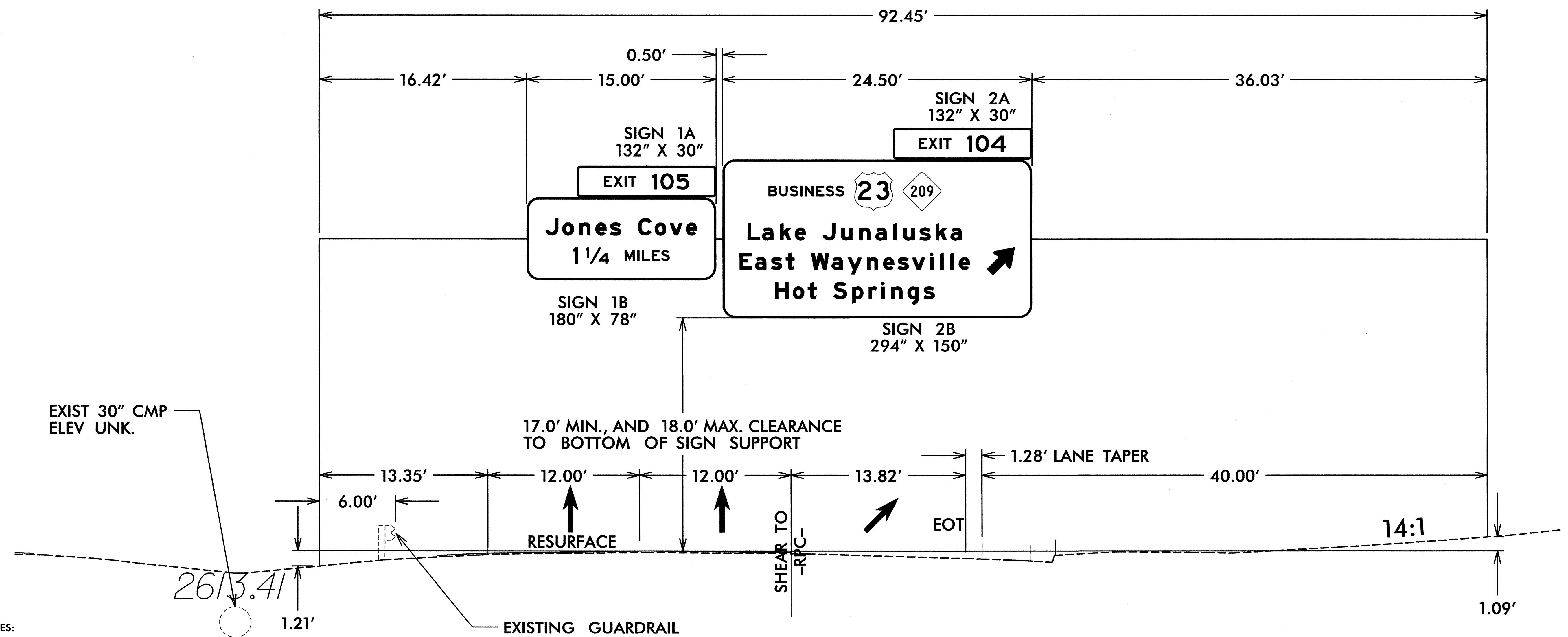
REVISIONS	

PROJ. REFERENCE NO.	SHEET NO.
R-4047	SIGN-5

* THE FOLLOWING DIMENSIONS SHALL BE USED FOR WIND LOAD AND DEAD LOAD COMPUTATIONS IN DESIGN OF STRUCTURE AND FOOTING:

- FOR SINGLE SIGNS: USE FLUSH AREA OF SIGN HEIGHT AND WIDTH
- FOR SIGNS WITH EXIT NUMBER PLAQUE: HEIGHT SHALL BE SUM OF SIGN HEIGHT AND PLAQUE HEIGHT. USE THE LARGEST SIGN WIDTH.

DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 120 M.P.H.



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.

APPROVED: *David H. Kerns* DATE: 12/18/2013

NORTH CAROLINA PROFESSIONAL ENGINEER
SEAL 030881
DAVID H. KERNS

**OVERHEAD SIGN ASSEMBLY "A"
AT STA. 12 + 50 Y2L2**

SCALE: NTS		REVISIONS
DATE: 12/17/2013		
DESIGN BY:		
REVIEWED BY:		

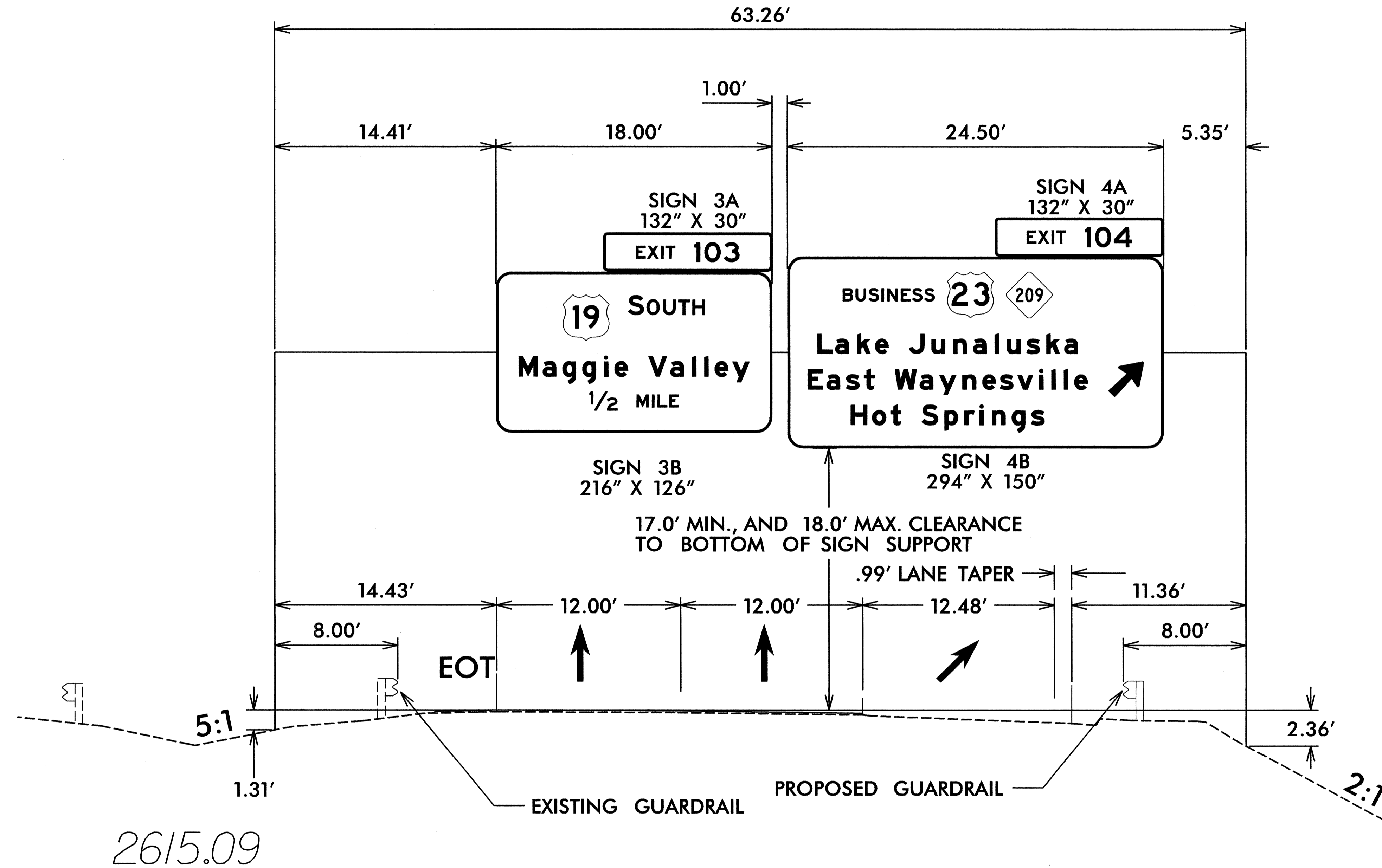
HDR HDR Engineering, Inc. of the Carolinas
3733 National Drive, Suite 207 Raleigh, N.C. 27612
N.C.B.E.L.S. License Number: F-0116

PLOT DRIVER: NCDOT.pdf; mono_eng_50.pit
 USER: ckerns
 FILE: North Carolina Dept. of Transportation\2013_Mobility_Safety_LSA_MNCDOT_R_4047_Sign_Plan_TO_5_C\06.00_Project_Design\4047_Traffic_Signing\CADD\R4047_SGN_5.dgn
 PENTABLE: NCDOT_Signing.tbl
 TIME: 2:38:14 PM SCALE: 1:4.39462
 DATE: 12/17/2013
 REVISIONS

* THE FOLLOWING DIMENSIONS SHALL BE USED FOR WIND LOAD AND DEAD LOAD COMPUTATIONS IN DESIGN OF STRUCTURE AND FOOTING:

- FOR SINGLE SIGNS: USE FLUSH AREA OF SIGN HEIGHT AND WIDTH
- FOR SIGNS WITH EXIT NUMBER PLAQUE: HEIGHT SHALL BE SUM OF SIGN HEIGHT AND PLAQUE HEIGHT. USE THE LARGEST SIGN WIDTH.

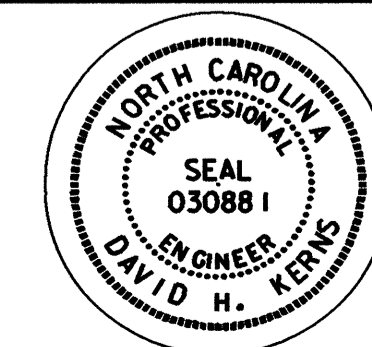
DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 120 M.P.H.



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.

APPROVED: *[Signature]* DATE: 12/18/2013



**OVERHEAD SIGN ASSEMBLY "B"
AT STA. 20+00 Y2L2**

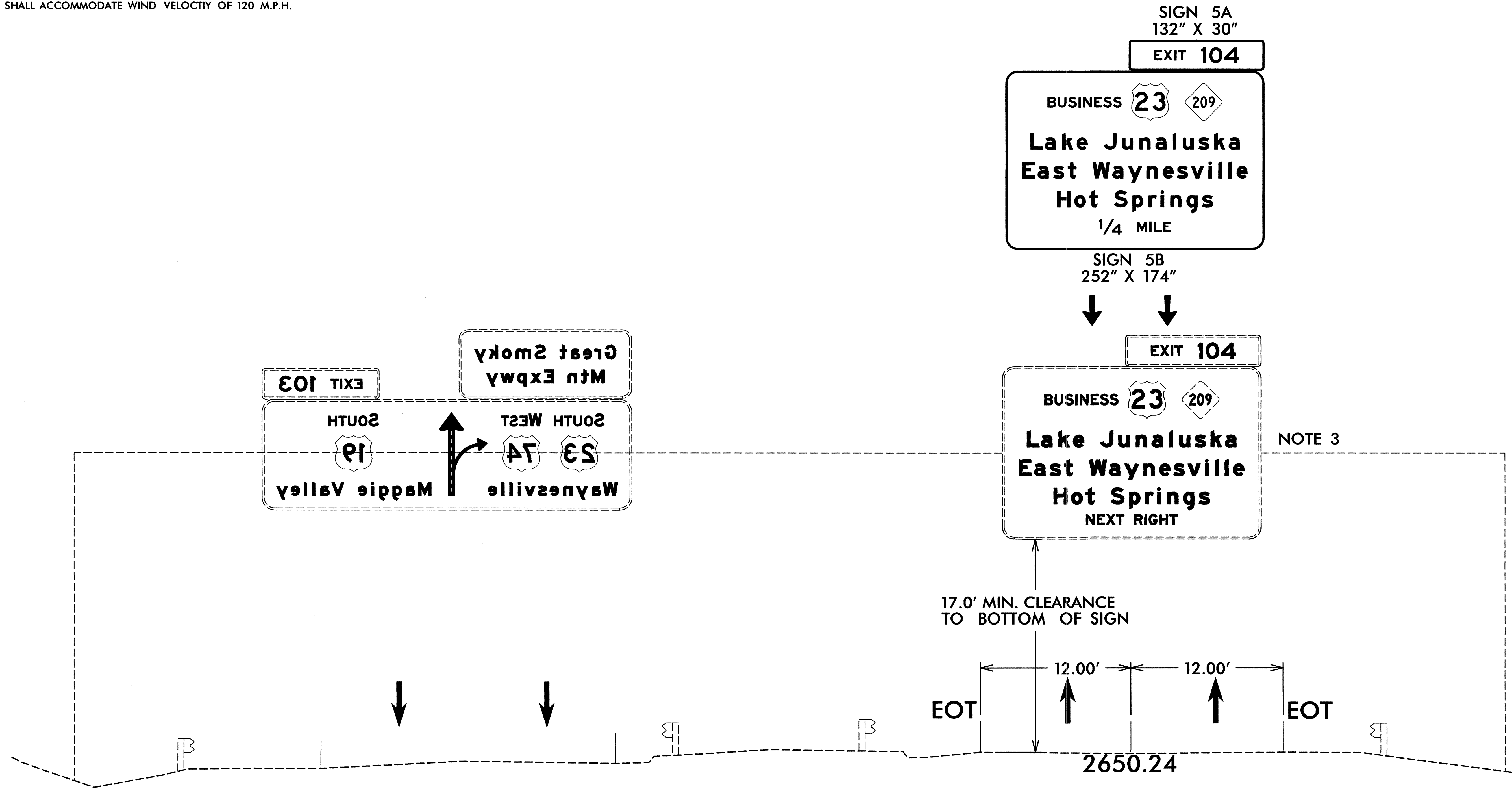
SCALE: NTS		REVISIONS
DATE: 12/17/2013		
DESIGN BY:		
REVIEWED BY:		

PROJ. REFERENCE NO.	SHEET NO.
R-4047	SIGN-5B

* THE FOLLOWING DIMENSIONS SHALL BE USED FOR WIND LOAD AND DEAD LOAD COMPUTATIONS IN DESIGN OF STRUCTURE AND FOOTING:

- FOR SINGLE SIGNS: USE FLUSH AREA OF SIGN HEIGHT AND WIDTH
- FOR SIGNS WITH EXIT NUMBER PLAQUE: HEIGHT SHALL BE SUM OF SIGN HEIGHT AND PLAQUE HEIGHT. USE THE LARGEST SIGN WIDTH.

DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 120 M.P.H.



- 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.

PLOT DRIVER: NCDOT.pdf_mono_eng_50.plt
 USER: dkerms
 FILE: North Carolina Dept. of Transportation\2013_Mobility_Safety_LSA_MNCDOT_R_4047_Sign_Plan_TO_5_C\06.00_Project_Design\R-4047\Tr of fic_Signing\CADD\R4047_SIGN_5B.dgn
 PENTABLE: NCDOT_Signing.tbl
 TIME: 2:38:40 PM
 SCALE: 1:4.39462
 DATE: 12/17/2013
 REVISIONS

HDR HDR Engineering, Inc. of the Carolinas
 3733 National Drive, Suite 207 Raleigh, N.C. 27612
 N.C.B.E.L.S. License Number: F-0116

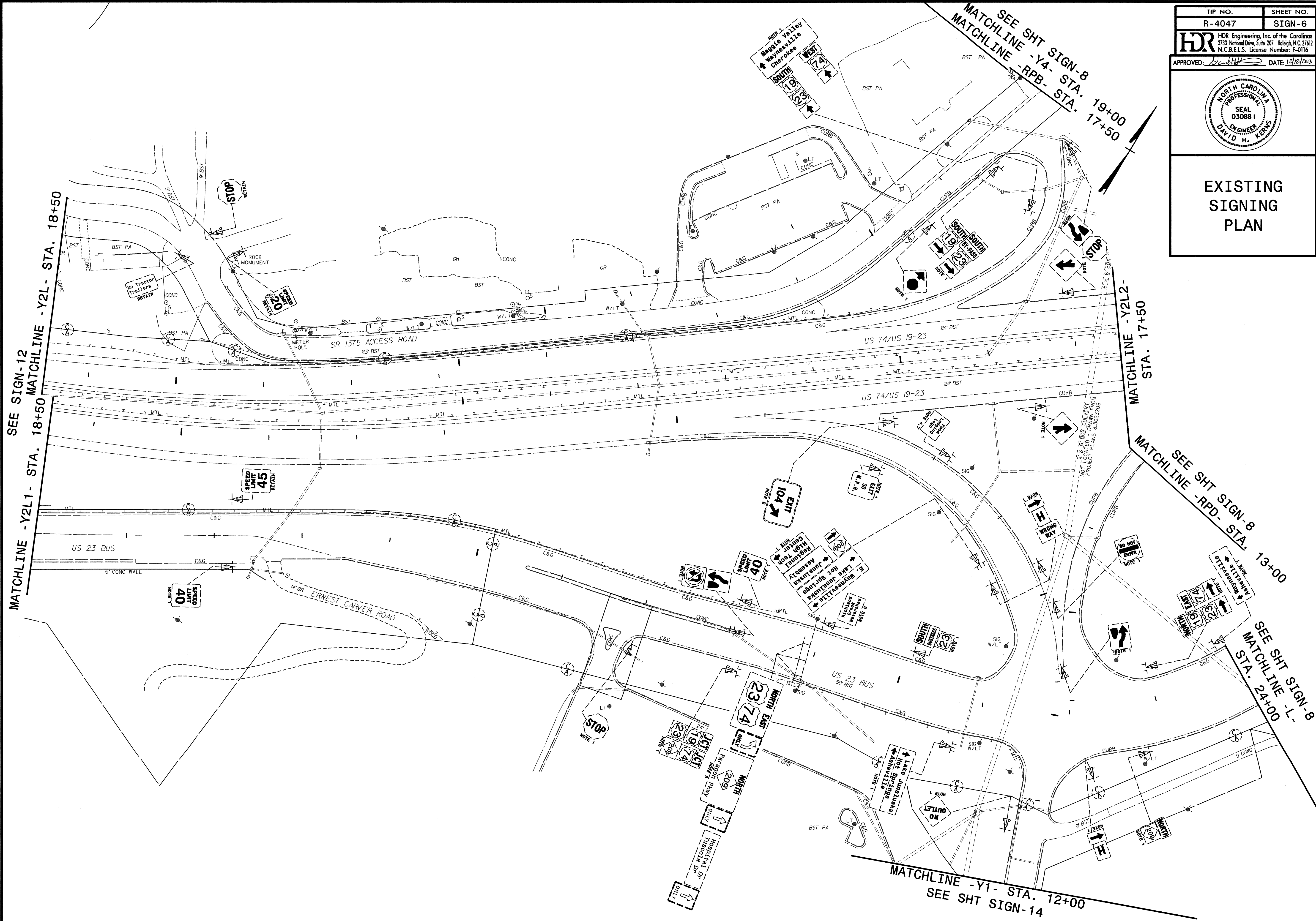
APPROVED: *David H. Kerns* DATE: 12/18/2013

OVERHEAD SIGN ASSEMBLY "AA"
AT STA. 11 + 27.40 Y2L1

SCALE: NTS		REVISIONS
DATE: 12/17/2013		
DESIGN BY:		
REVIEWED BY:		

PLOT DRIVER: NCDOT.pdf_mono_eng_50.pit
 USER: dkerns
 FILE: North Carolina Dept. of Transportation\2013.Mobility.Safety.LSA.MNCDOT.R.4047.Sign.PM.To.5.C.06.00.Project.Design\North Carolina Dept. of Transportation\2013.Mobility.Safety.LSA.MNCDOT.R.4047.Sign.PM.To.5.C.06.00.Project.Design\CADD\ROAD\4047.SGN.PSH.06.dgn

REVISIONS



TIP NO. R-4047	SHEET NO. SIGN-6
HDR Engineering, Inc. of the Carolinas 3733 National Drive, Suite 207 Raleigh, N.C. 27612 N.C.B.E.L.S. License Number: F-0116	
APPROVED: <i>David H. Kierns</i>	DATE: 12/18/2013

**EXISTING
SIGNING
PLAN**

PENTABLE: NCDOT_Signing.tbl
 DATE: 12/17/2013
 TIME: 2:39:17 PM

MATCHLINE -Y1- STA. 12+00
 SEE SHT SIGN-14

SEE SIGN-12
 MATCHLINE -Y2L1- STA. 18+50
 MATCHLINE -Y2L- STA. 18+50



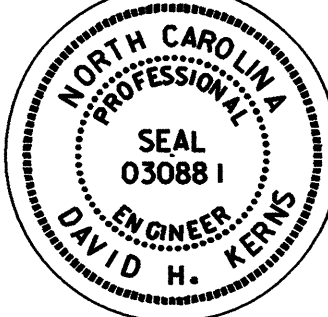
SEE SHT SIGN-8
 MATCHLINE -Y4- STA. 19+00
 MATCHLINE -RPB- STA. 17+50

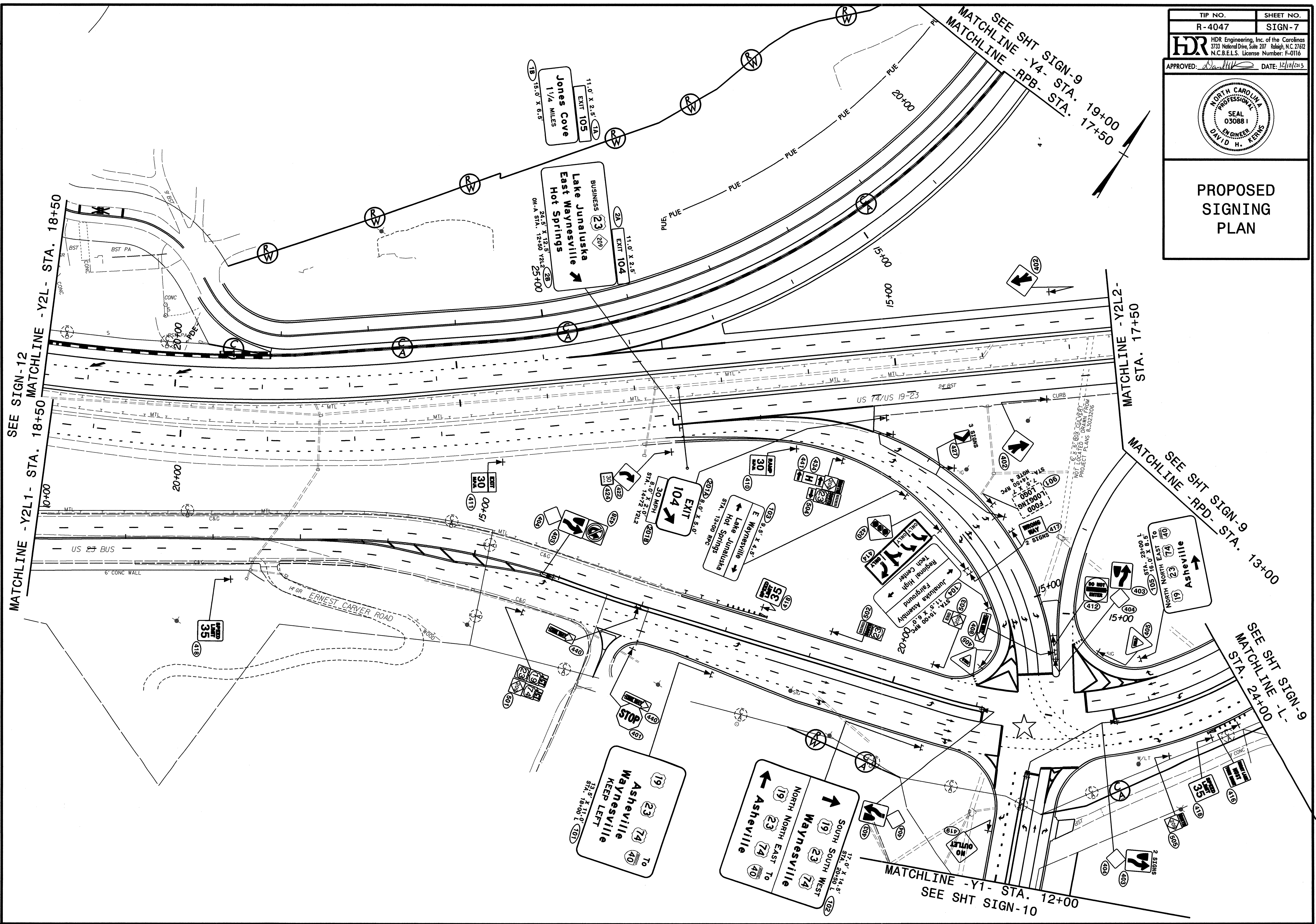
MATCHLINE -Y2L2-
 STA. 17+50

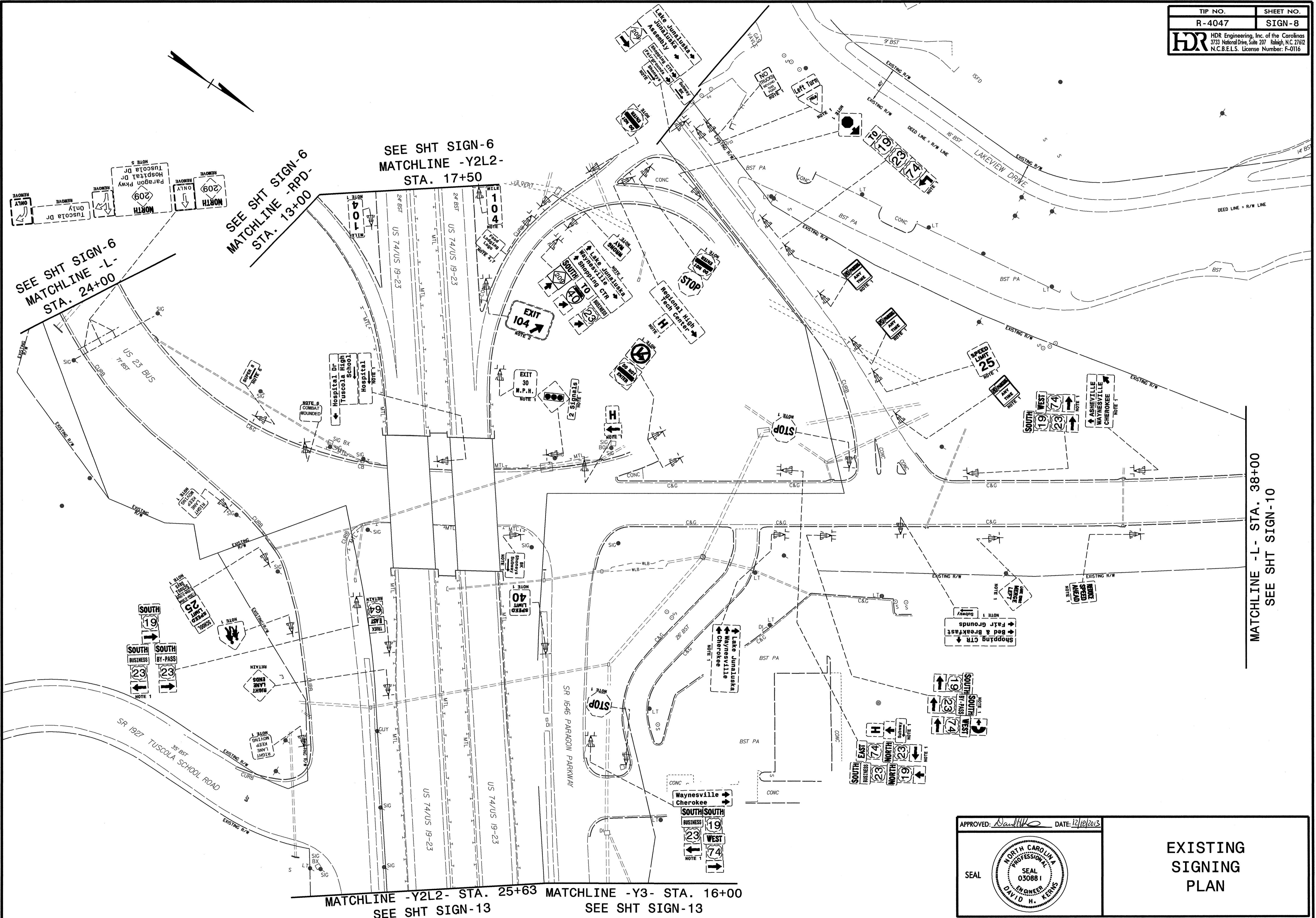
SEE SHT SIGN-8
 MATCHLINE -RPD- STA. 13+00

SEE SHT SIGN-8
 MATCHLINE -L-
 STA. 24+00

REVISIONS


TIP NO. R-4047	SHEET NO. SIGN-7
 HDR Engineering, Inc. of the Carolinas 3733 National Drive, Suite 207 Raleigh, N.C. 27612 N.C.B.E.L.S. License Number: F-0116	
APPROVED: 	DATE: 12/18/2013
	
PROPOSED SIGNING PLAN	





REVISIONS

PLOT DRIVER: NCDOT-pdf_mono_eng_50.plt
 USER: dkerns
 PENTABLE: NCDOT_Signing.tbl
 DATE: 12/17/2013
 TIME: 2:41:26 PM
 FILE: North Carolina Dept. of Transportation\2013\Mobility_Safety_LSA-MNCDOT_R_4047_Sign_Plan\TO 5.C\06.00.Project_Design\Tr office_Signing\CADD\R4047_SGN_PSH-08.dgn

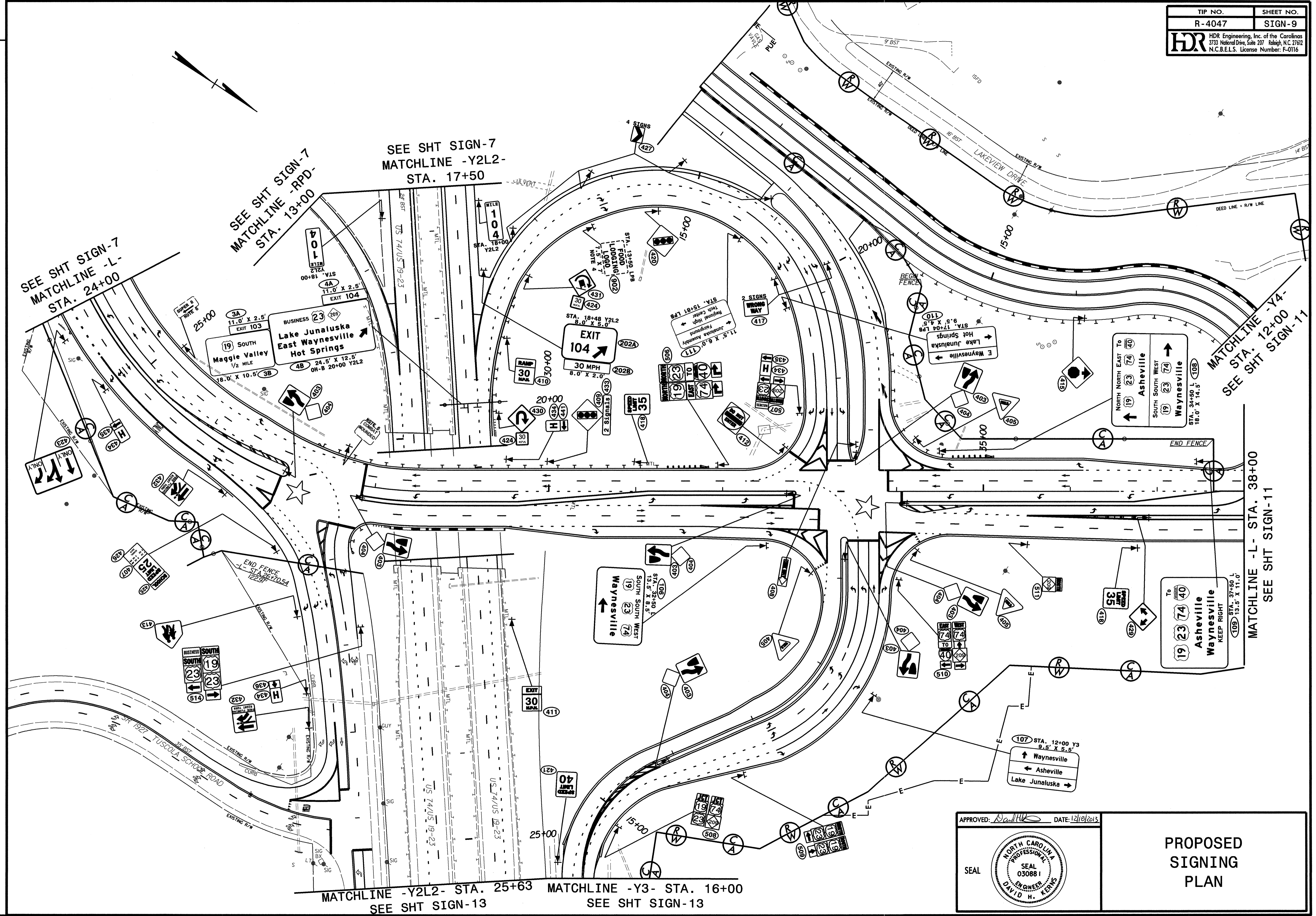
APPROVED:  DATE: 12/18/2013



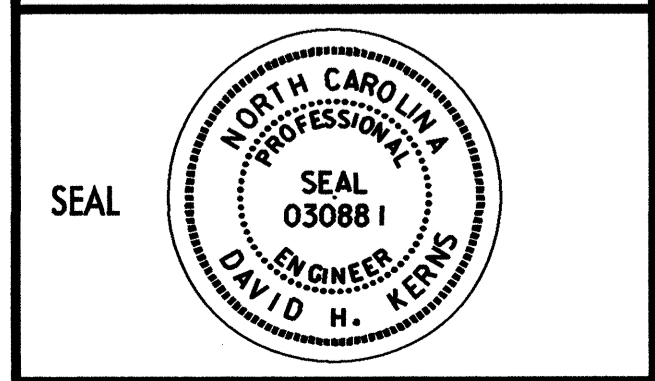
**EXISTING
SIGNING
PLAN**

PLOT DRIVER: NCDOT_pdf_mono_eng_50.plt
 USER: dkerns
 PENTABLE: NCDOT_Signing.tbl
 DATE: 12/17/2013
 TIME: 2:42:15 PM
 FILE: North Carolina Dept. of Transportation\2013.Mobility_Safety_LSA-MNCDOT_R-4047_Sign_PM.To.5.C.06.00.Project_Design\R-4047\Traffic_Signing\CADD\R4047_SGN_PSH-09.dgn

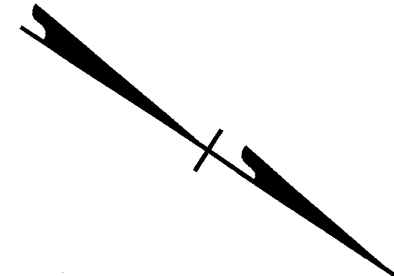
REVISIONS



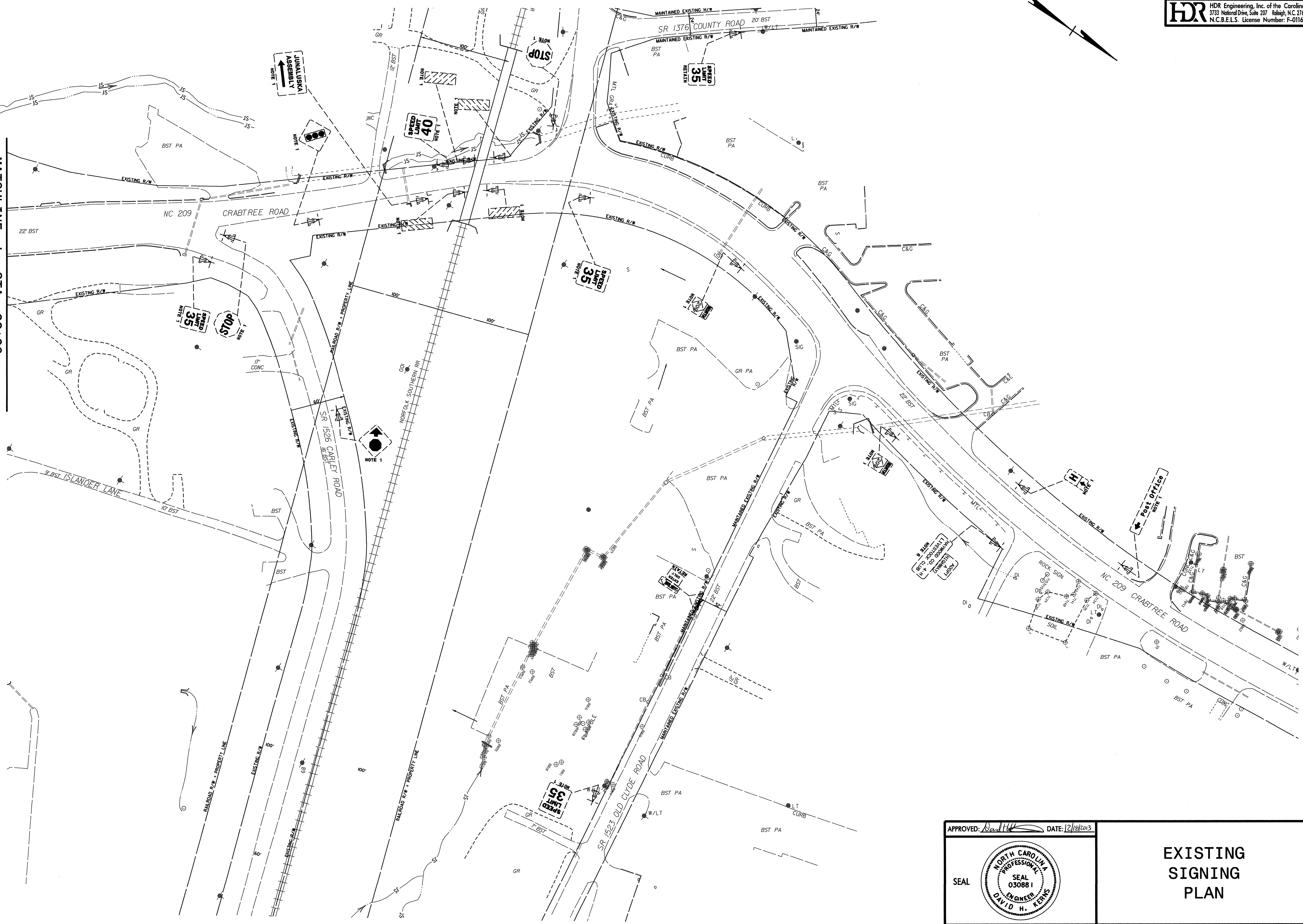
APPROVED: *David H. Kerns* DATE: 12/19/2013



**PROPOSED
SIGNING
PLAN**

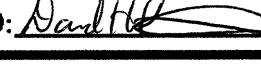


MATCHLINE - L - STA. 38+00
SEE SHT 8



REVISIONS

PLOT DRIVER: NCDOT_pdf_mono_eng_50.plt PENTABLE: NCDOT_Signing.tbl
 USER: dkerns DATE: 12/17/2013 TIME: 2:42:44 PM
 FILE: North Carolina Dept. of Transportation\2013.Mobility_Safety_LSA.M\NCDOT_R_4047_Sign_PM_TO_5_C06600.Project_Design\Tr office\Signing\CADD\R4047_SGN_PSH-10.dgn

APPROVED:  DATE: 12/18/2013



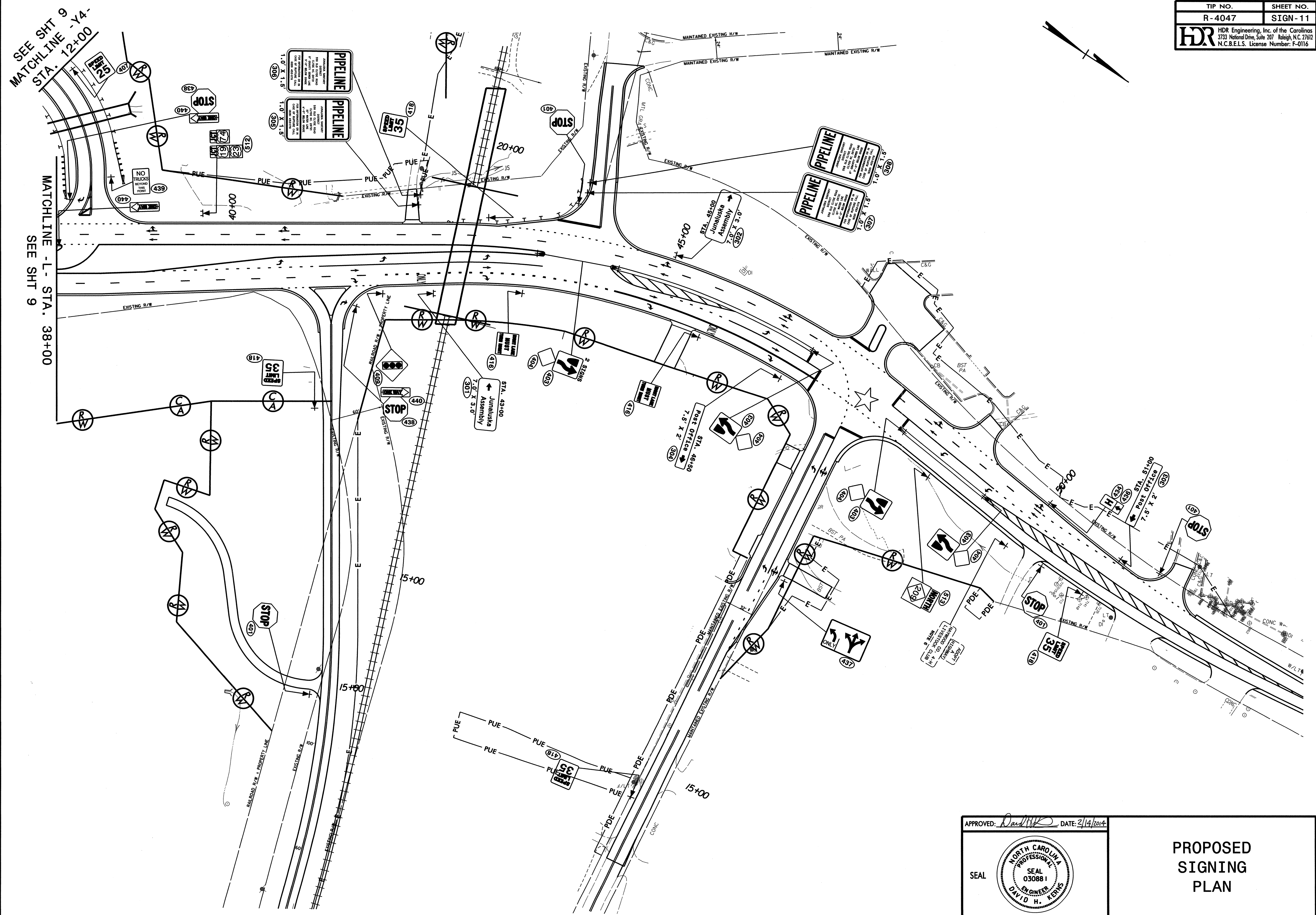
**EXISTING
SIGNING
PLAN**

PLOT DRIVER: NCDOT_pdf_mono_eng_50.plt
 USER: lfupper
 PENTABLE: NCDOT_Signing.tbl
 DATE: 2/11/2014
 TIME: 11:47:54 AM
 FILE: North Carolina Dept. of Transportation\2013_Mobility_Safety_LSA_M\NCDOT_R_4047_Sign_Plan\TO_5_C_06_00_Project_Design\R_4047_Traffic_Signing\CADD\R4047_SGN_PSH-11.dgn

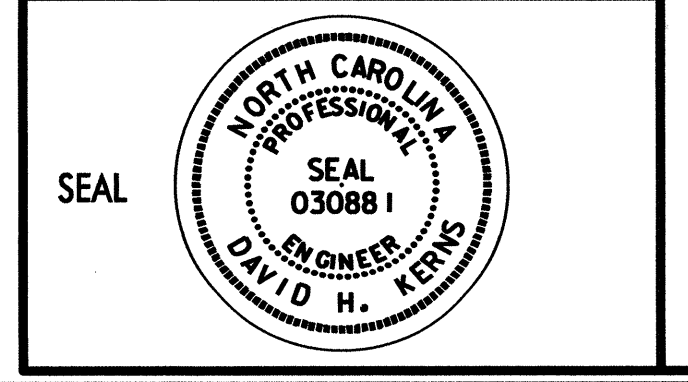
REVISIONS

TIP NO. R-4047	SHEET NO. SIGN-11
-------------------	----------------------

HDR Engineering, Inc. of the Carolinas
 3733 National Drive, Suite 207 Raleigh, N.C. 27612
 N.C.B.E.L.S. License Number: F-0116



APPROVED: *David H. Kerns* DATE: 2/11/2014



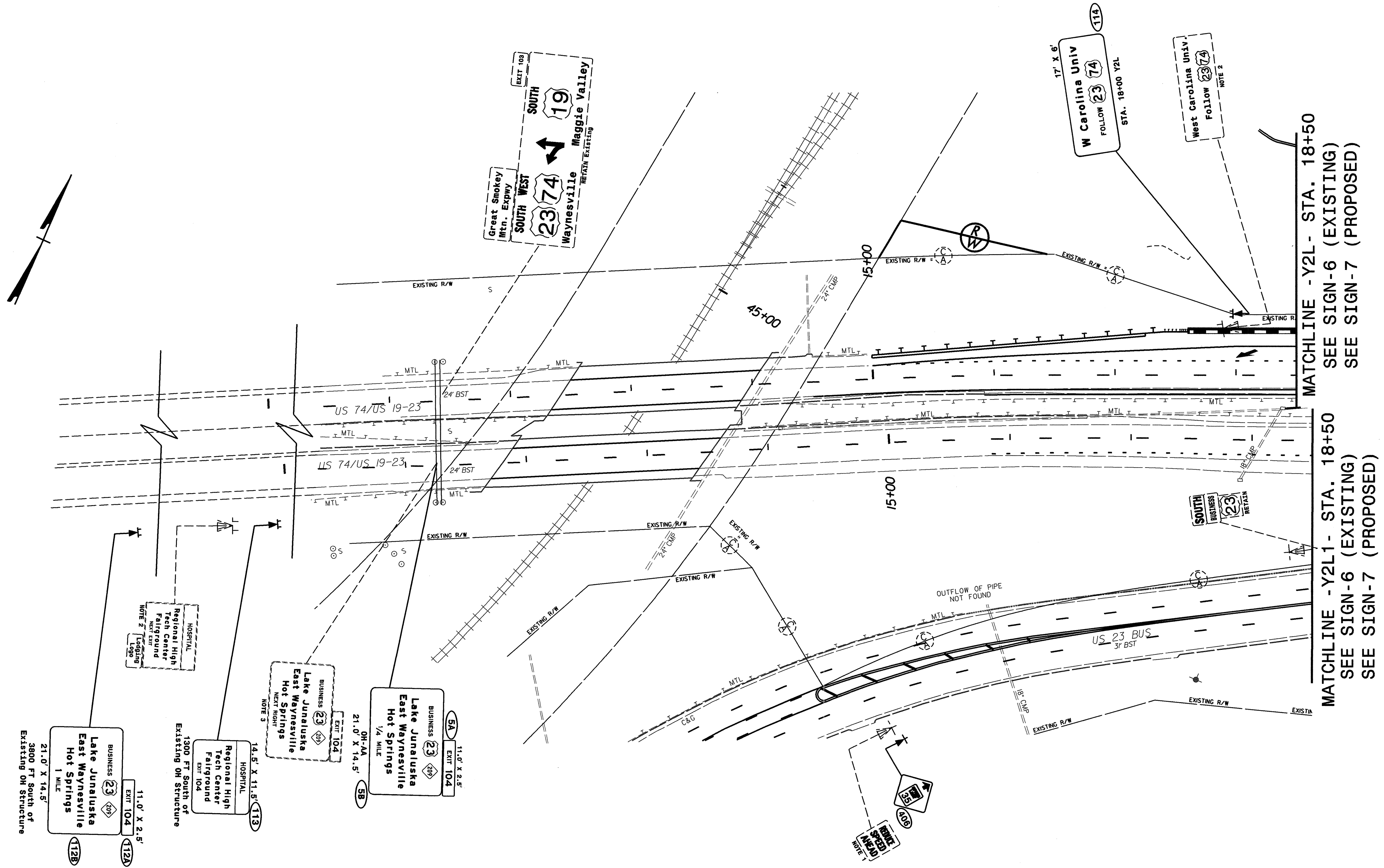
PROPOSED
 SIGNING
 PLAN

PLOT DRIVER: NCDOT.pdf_mono_eng_50.plt PENTABLE: NCDOT_Signing.tbl
 USER: dkerns DATE: 12/17/2013 TIME: 2:44:00 PM
 FILE: North Carolina_Dept_of_Transportation\2013.Mobility_Safety_LSA.MNCDOT_R_4047_Sign_PM_To_5_C_06.00.Project_Design\R_4047\Tr office\Signing\CADD\R4047_SGN_PSH-12.dgn

REVISIONS

TIP NO. R-4047	SHEET NO. SIGN-12
-------------------	----------------------

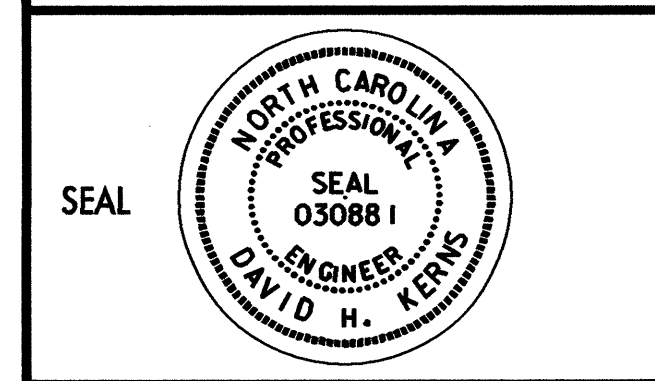
HDR Engineering, Inc. of the Carolinas
 3733 National Drive, Suite 207 Raleigh, N.C. 27612
 N.C.B.E.L.S. License Number: F-0116



MATCHLINE -Y2L- STA. 18+50
 SEE SIGN-6 (EXISTING)
 SEE SIGN-7 (PROPOSED)

MATCHLINE -Y2L1- STA. 18+50
 SEE SIGN-6 (EXISTING)
 SEE SIGN-7 (PROPOSED)

APPROVED: *David H. Kerns* DATE: 12/19/2013



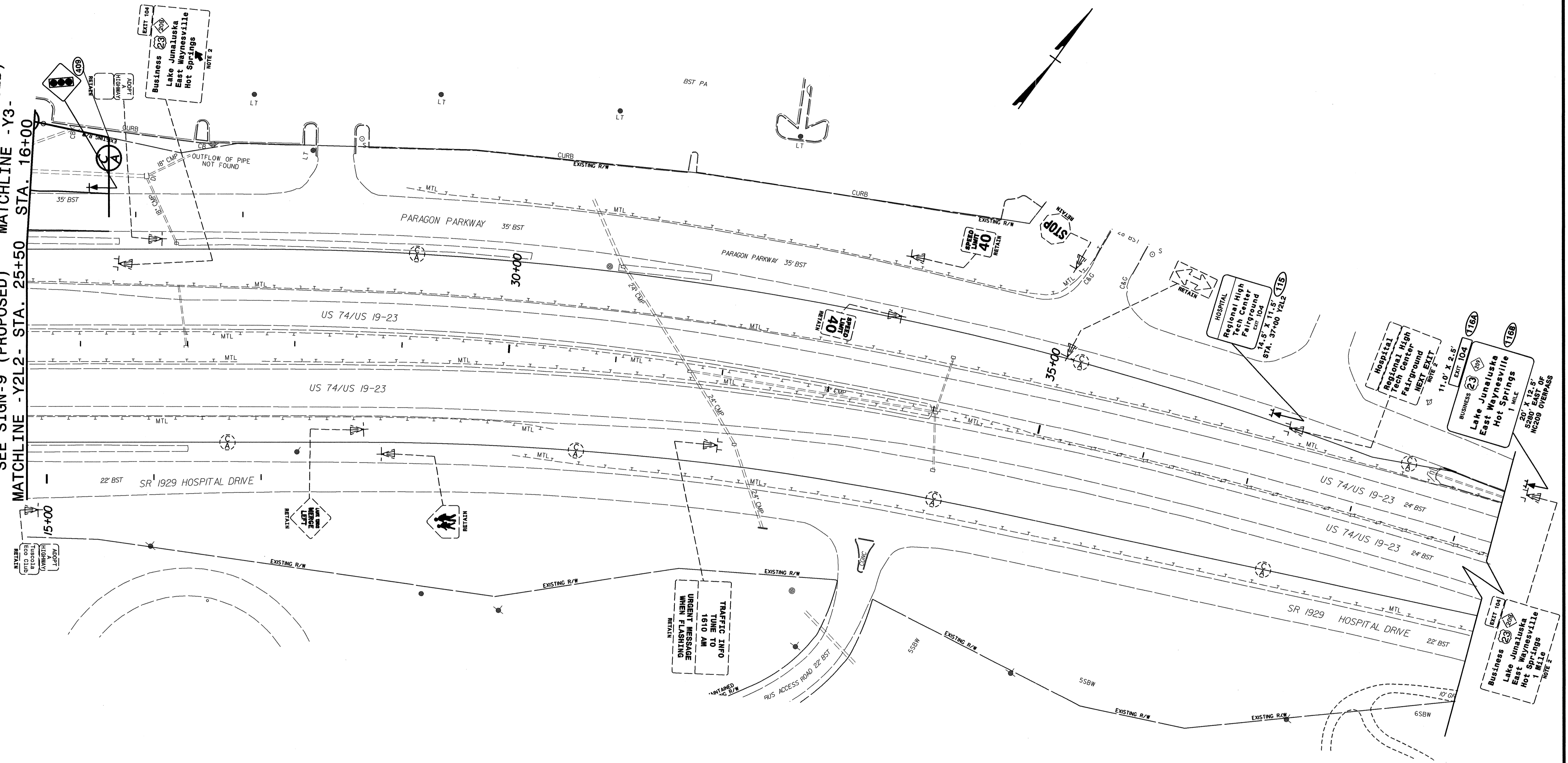
SIGNING PLAN


PLOT DRIVER: NCD01.pdf_mono_eng_50.plt
 USER: dkerns
 DATE: 12/17/2013
 TIME: 2:44:13 PM
 FILE: North Carolina Dept. of Transportation\2013-Mobility-Safety_LSA-MNCD01_R-4047-Sign-Plan_TO_5_C\06.00-Project_Design\Tr of fic_Signing\CA DD\N4047_SGN_PSH-13.dgn


REVISIONS

SEE SIGN-8 (EXISTING)
 SEE SIGN-9 (PROPOSED)
 MATCHLINE -Y2L2- STA. 25+50

SEE SIGN-8 (EXISTING)
 SEE SIGN-9 (PROPOSED)
 MATCHLINE -Y3- STA. 16+00



APPROVED:  DATE: 12/18/2013

SEAL 

SIGNING PLAN

