TIP NO.	SHEET NO.
U-0071	SIGN-1

APPROVED: Betsy L Watson

DATE: 6/24/14

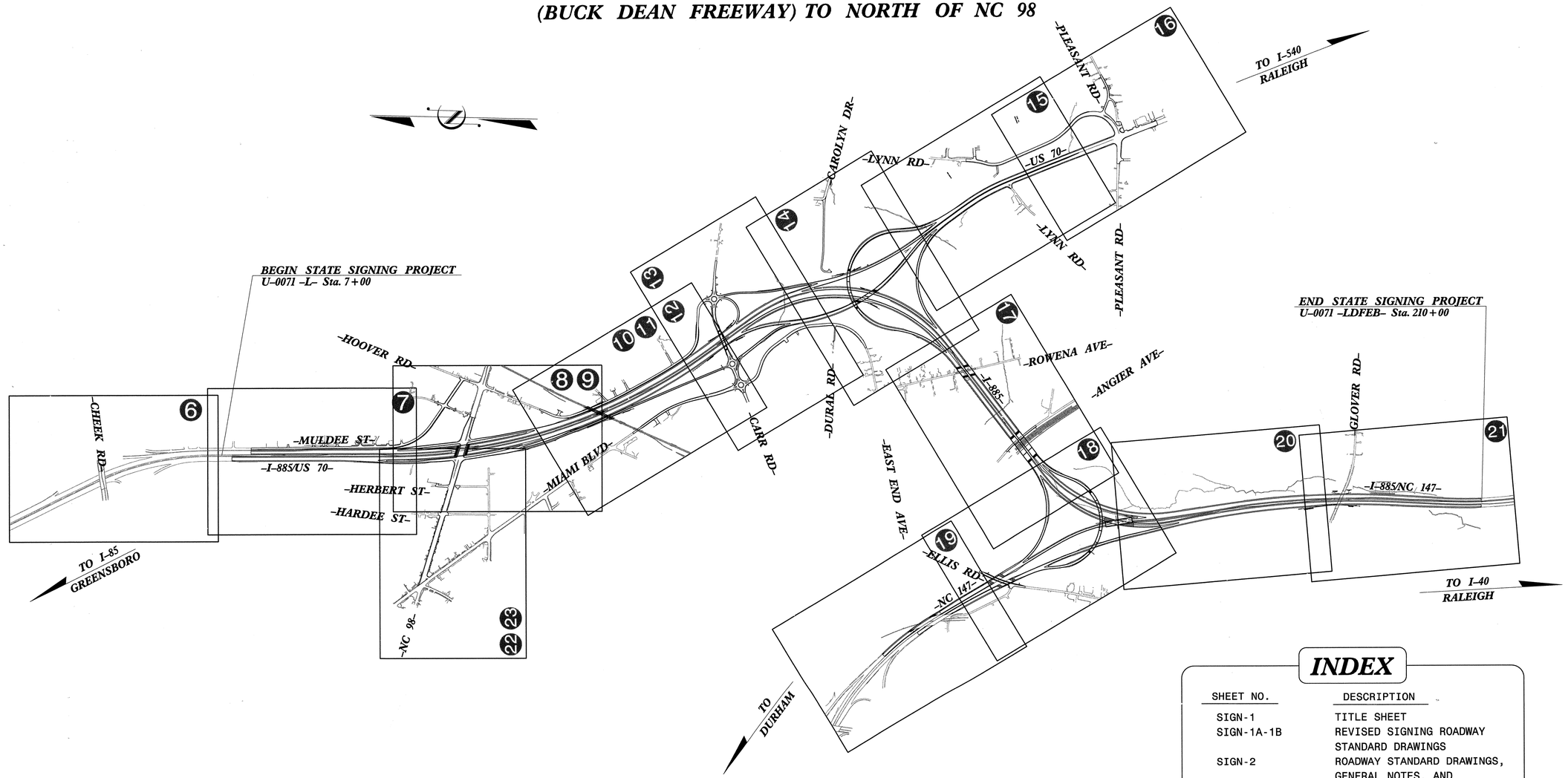
SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
DURHAM COUNTY

LOCATION: DURHAM EAST END CONNECTOR, FROM NC 147 (BUCK DEAN FREEWAY) TO NORTH OF NC 98



INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-1A-1B	REVISED SIGNING ROADWAY STANDARD DRAWINGS
SIGN-2	ROADWAY STANDARD DRAWINGS, GENERAL NOTES, AND SUMMARY OF QUANTITIES
SIGN-3	SUPPORT INFORMATION
SIGN-4-4C	E,F, AND MILEMARKER SHEETS
SIGN-5-5BE	SIGN DESIGNS AND OVERHEAD DETAILS
SIGN-6-23	SIGN DETAIL SHEETS

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

SUSAN KUNZ — SIGNING & DELINEATION REGIONAL ENGINEER

SAM COLEMAN — SIGNING & DELINEATION PROJECT DESIGN ENGINEER

DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · SIGNING AND DELINEATION UNIT

PLAN PREPARED BY:

BETSY L. WATSON, P.E. — TRAFFIC ENGINEER

ROSI R. HENNEIN — TRANSPORTATION TECHNICIAN

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T.I.P.: U-0071

CONTRACT: C203394

6/24/2014
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rhenneln

TIP NO.	SHEET NO.
U-0071	SIGN-1A

APPROVED: RAW for
DATE: 3/8/12

SEAL

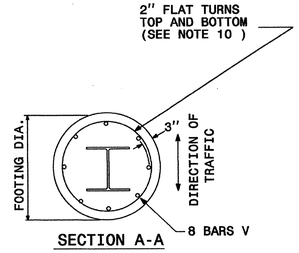
NORTH CAROLINA PROFESSIONAL SEAL 022959 ENGINEER RONALD W. KING

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

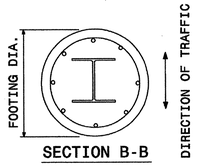
1-12

ENGLISH DETAIL DRAWING FOR
GROUND MOUNTED SIGN SUPPORTS

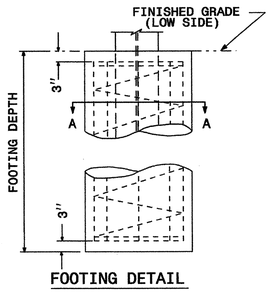
	SLIP BASE PLATE DATA								KEEPER PLATE DATA							HINGE CONNECTION DATA									BREAK AWAY SUPPORT WEIGHT CONSTANT LBS.
BEAM SHAPE	BOLT SIZE	A_1	B_1	C_1	D_1	E_1	T_1	R_1	A_2	B_2	C_2	D_2	E_2	R_2	T_2	BOLT SIZE	F	G	H	I	J	K	L	R_3	T_3	
S3X5.7	½"DIA.X 3"	7"	4"	1"	¾"	2½"	1"	9/32"	7"	4"	1"	¾"	2½"	9/32"	28 GAUGE	½"DIA.X1¼"	2¼"	3½"	4"	½"	1"	½"	2"	9/32"	3/8"	18
S4X7.7	½"DIA.X 3"	8"	4"	1"	¾"	2½"	1"	9/32"	8"	4"	1"	¾"	2½"	9/32"	28 GAUGE	½"DIA.X1¼"	2⅝"	3½"	4"	½"	1"	½"	2"	9/32"	3/8"	20
W6X9	½"DIA.X 3"	10"	5"	1"	¾"	3½"	1"	9/32"	10"	5"	1"	¾"	3½"	9/32"	28 GAUGE	½"DIA.X1¼"	4"	3½"	4"	¾"	1"	½"	2"	9/32"	3/8"	32
W6X12	⅝"DIA.X3¾"	11"	5"	1¼"	⅞"	3¼"	1¼"	11/32"	11"	5"	1¼"	⅞"	3¼"	11/32"	28 GAUGE	⅝"DIA.X2¼"	4"	4"	4½"	¾"	1⅛"	⅝"	2¼"	11/32"	3/8"	39
W6X16	⅝"DIA.X3¾"	12"	6"	1¼"	⅞"	4¼"	1½"	11/32"	12"	6"	1¼"	⅞"	4¼"	11/32"	28 GAUGE	⅝"DIA.X2½"	4"	4"	4½"	¾"	1⅛"	⅝"	2¼"	11/32"	½"	47
W8X18	⅝"DIA.X 4¼"	13½"	6½"	1¼"	⅞"	4¾"	1½"	11/32"	13½"	6½"	1¼"	⅞"	4¾"	11/32"	28 GAUGE	⅝"DIA.X2½"	5¼"	4"	4½"	1"	1⅛"	⅝"	2¼"	11/32"	½"	70
W8X21	¾"DIA.X 4¼"	14"	7"	1½"	1"	5"	1½"	13/32"	14"	7"	1½"	1"	5"	13/32"	28 GAUGE	¾"DIA.X2¾"	5¼"	6"	7"	1"	1¾"	¾"	3½"	13/32"	½"	73
W10X22	¾"DIA.X 4¼"	16"	8"	1½"	1"	6"	1½"	13/32"	16"	8"	1½"	1"	6"	13/32"	28 GAUGE	¾"DIA.X2¾"	5¾"	6"	7"	1"	1¾"	¾"	3½"	13/32"	½"	119
W10X26	¾"DIA.X4¾"	16½"	8"	1½"	1"	6"	1¾"	13/32"	16½"	8"	1½"	1"	6"	13/32"	28 GAUGE	¾"DIA.X2¾"	5¾"	6"	7"	1"	1¾"	¾"	3½"	13/32"	5/8"	140
W12X26	¾"DIA.X4¾"	18½"	9"	1½"	1"	7"	1¾"	13/32"	18½"	9"	1½"	1"	7"	13/32"	28 GAUGE	¾"DIA.X2¾"	6½"	6"	7"	1"	1¾"	¾"	3½"	13/32"	5/8"	176
W14X30	1"DIA.X 5"	22"	9"	2"	1½"	6"	2"	17/32"	22"	9"	2"	1½"	6"	17/32"	28 GAUGE	1"DIA.X3"	6¾"	7"	8"	1¼"	2"	1"	4"	17/32"	5/8"	205
W16X31	1"DIA.X 5"	24"	9"	2"	1½"	6"	2"	17/32"	24"	9"	2"	1½"	6"	17/32"	28 GAUGE	1"DIA.X3¼"	5½"	7"	8"	1¼"	2"	1"	4"	17/32"	¾"	223
W18X35	1"DIA.X 5"	25"	9"	2"	1½"	6"	2"	17/32"	25"	9"	2"	1½"	6"	17/32"	28 GAUGE	1"DIA.X3¼"	6"	7"	8"	1¼"	2"	1"	4"	17/32"	¾"	243
W18X40	1"DIA.X5½"	26"	9"	2"	1½"	6"	2¼"	17/32"	26"	9"	2"	1½"	6"	17/32"	28 GAUGE	1"DIA.X3¾"	6"	7"	8"	1¼"	2"	1"	4"	17/32"	⅞"	278
W21X44	1"DIA.X5½"	29"	9"	2"	1½"	6"	2½"	17/32"	29"	9"	2"	1½"	6"	17/32"	28 GAUGE	1"DIA.X3¾"	6½"	7"	8"	1¼"	2"	1"	4"	17/32"	⅞"	310



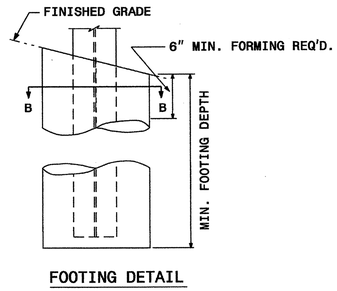
SECTION A-A



SECTION B-B



FOOTING DETAIL



FOOTING DETAIL

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

SHEET 2 OF 3
903D10

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

1-12

ENGLISH DETAIL DRAWING FOR
GROUND MOUNTED SIGN SUPPORTS

SHEET 2 OF 3
903D10

REVISED SIGNING
ROADWAY STANDARD DRAWING

08-MAR-2012 11:10
S:\STDDWGS\Standards Group\PMP\2012 Standard Drawings\Standard Dwgs 8-17-11\Revised\0903J10_sgn_sht02_gm support_Revised_Sealed.dgn
dsstokes
AT_TE244745

TIP NO.	SHEET NO.
U-0071	SIGN-1B

APPROVED: RWK 6/11/12

DATE:

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 022959 ENGINEER RONALD W KING

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

1-12

ENGLISH STANDARD DRAWING FOR

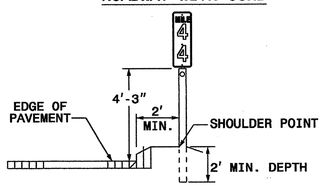
MILEPOST AND PLACEMENT

SHEET 1 OF 1

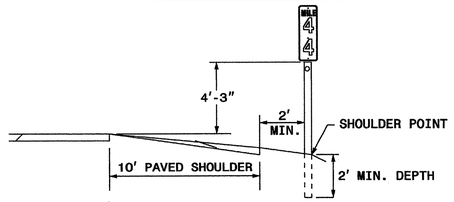
904D40

MILEPOST PLACEMENT

ROADWAY WITH CURB



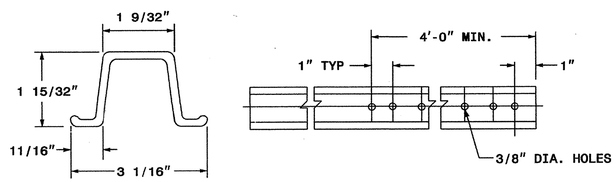
ROADWAY WITH 10' PAVED SHOULDER



NOTES:

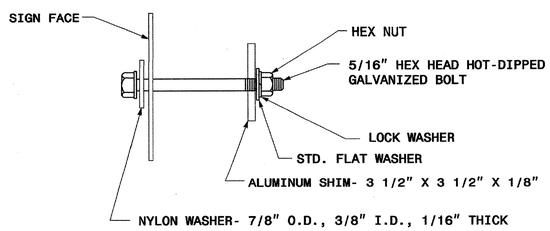
1. A MILEPOST SIGN SHALL CONSIST OF ONE (1) 12" X 24", 12" X 36" OR 12" X 48" SIGN PANEL. AN ENHANCE REFERENCE LOCATION SIGN SHALL CONSIST OF ONE (1) 18" X 54" SIGN PANEL. AN INTERMEDIATE ENHANCE REFERENCE LOCATION SIGN SHALL CONSIST OF ONE (1) 18" X 60" SIGN PANEL.
2. FABRICATE SIGNS FROM .080" SHEET 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.

1-12

ENGLISH STANDARD DRAWING FOR

MILEPOST AND PLACEMENT

SHEET 1 OF 1

904D40

REVISED SIGNING ROADWAY STANDARD DRAWING

6-11-12

11-JUN-2012 10:33
S:\S&DU\Standard Group NEW\Standards and Drawings\Drawings\2012 Standard Dwgs\Division 9\0904.40_sgn_milepost_Revised.dgn
dstokes AT TE244745

TIP NO.	SHEET NO.
U-0071	SIGN-2

APPROVED: Betsy L. Watson

DATE: 6/24/14

SEAL

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 29449 BETSY L. WATSON

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ROADWAY STANDARD DRAWINGS

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
903.40	MEDIAN BARRIER SIGN SUPPORT AND ANCHORAGE
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.20	SECONDARY SIGN MOUNTING
904.40	MILEPOST AND PLACEMENT
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION

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.
- ALL 'E', 'F', AND MILEMARKER SIGNS WILL BE INCLUDED ON FINAL 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.

SPECIAL NOTE FOR I-885 SHIELDS AND SIGN FABRICATION

THE I-885 SHIELDS ON ALL SIGN DESIGNS AND SIGN ASSEMBLIES SHOWN IN THESE PLANS SHALL NOT BE INCLUDED, FABRICATED, OR INSTALLED UNLESS NCDOT RECEIVES APPROVAL FROM FHWA PRIOR TO THE CONTRACTOR'S REQUEST FOR SIGN FABRICATION. WHEN FABRICATION OF SIGNS IS REQUESTED, THE ROUTE DESIGNATION MUST BE VERIFIED BY NCDOT. IF THE DESIGNATION I-885 IS NOT APPROVED AT THAT TIME, NCDOT WILL REQUIRE SIGN REVISIONS TO THESE SIGNS AND ASSEMBLIES PRIOR TO SIGN FABRICATION.

IT IS REQUESTED THAT THE CONTRACTOR PROVIDE FIVE(5) MONTHS ADVANCE NOTICE FOR SIGN AVAILABILITY RATHER THAN THE FOUR(4) MONTHS ADVANCE NOTICE REQUIRED IN SECTION 901-3B OF NCDOT STANDARD SPECIFICATIONS.

SUMMARY OF QUANTITIES

ITEM NO. DESC. NO.	ITEM NO. SECT. NO.	ITEM DESCRIPTION	QUANTITY	UNIT
4048000000	902	REINFORCED CONCRETE SIGN FOUNDATIONS	14	C.Y.
4054000000	902	PLAIN CONCRETE SIGN FOUNDATIONS	4	C.Y.
4057000000	SP	OVERHEAD FOOTING	665	C.Y.
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM	9483	LB.
4066000000	903	SUPPORTS, SIMPLE STEEL BEAM	4960	LB.
4072000000	903	SUPPORTS, 3-LB STEEL U-CHANNEL	7315	L.F.
4078000000	903	SUPPORTS, 2-LB STEEL U-CHANNEL	26	EA.
4080000000	903	SUPPORTS, BARRIER (LARGE)	15	EA.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 14+31	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 27+51	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 28+93	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 60+14	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -Y1- STA 30+48	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -Y1- STA 35+42	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 62+33	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 90+98	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 82+00	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 84+58	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 114+02	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -Y2- STA 22+15	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -Y3- STA 53+60	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -Y3- STA 41+34	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 127+40	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 142+20	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 136+85	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -L- STA 124+15	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -DFEB- STA 36+00	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -DFWB- STA 38+05	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -DFEB- STA 1+40	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -DFEB- STA 20+50	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -DFWB- STA 26+85	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -DFEB- STA 59+00	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -DFLW- STA 59+00	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -DFLW- STA 45+70	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -LDFEB- STA 188+92	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT -DFLW- STA 69+00	1	L.S.
4082110000	SP	SUPPORTS, OVERHEAD DMS-1 STRUCTURE AT -L- STA 16+09	1	L.S.
4096000000	904	SIGN ERECTION, TYPE D	26	EA.
4102000000	904	SIGN ERECTION, TYPE E	313	EA.
4108000000	904	SIGN ERECTION, TYPE F	40	EA.
4109000000	904	SIGN ERECTION, TYPE A (OVERHEAD)	7	EA.
4109000000	904	SIGN ERECTION, TYPE B (OVERHEAD)	8	EA.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	19	EA.
4110000000	904	SIGN ERECTION, TYPE B (GROUND MOUNTED)	1	EA.
4114000000	904	SIGN ERECTION, MILEMARKERS	26	EA.
4116000000	904	SIGN ERECTION, OVERLAY (GROUND MOUNTED)	6	EA.
4116100000	904	SIGN ERECTION, RELOCATE, TYPE A (GROUND MOUNTED)	5	EA.
4116100000	904	SIGN ERECTION, RELOCATE, TYPE D	1	EA.
4116100000	904	SIGN ERECTION, RELOCATE, TYPE E	10	EA.
4116100000	904	SIGN ERECTION, RELOCATE LOGO TRAILBLAZER	1	EA.
4138000000	907	DISPOSAL OF SUPPORT, STEEL BEAM	10	EA.
4143000000	907	DISPOSAL OF SUPPORT, OVERHEAD STRUCTURE	1	EA.
4149000000	907	DISPOSAL OF SIGN SYSTEM, OVERHEAD	3	EA.
4152000000	907	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	10	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	150	EA.
4192000000	907	DISPOSAL OF SUPPORT, U-CHANNEL	10	EA.
4234000000	907	DISPOSAL OF SIGN, A OR B (OVERHEAD)	12	EA.
4251000000	907	DISPOSAL OF LIGHTING SYSTEM	3	EA.
4263000000	907	DISPOSAL OF WALKWAY	3	EA.
4915000000	1264	7' U-CHANNEL POSTS	13	EA.
4955000000	1264	OBJECT MARKERS (END OF ROAD)	13	EA.

ROADWAY STANDARD DRAWINGS, GENERAL NOTES, AND SUMMARY OF QUANTITIES

$$$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-3

APPROVED: tbWatson

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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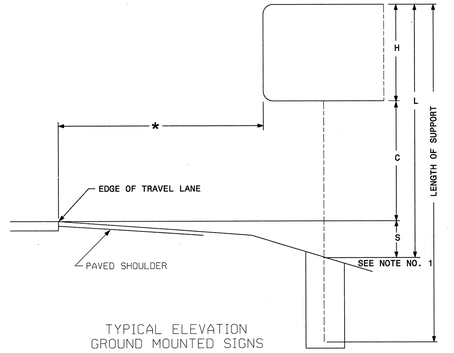
License No. F-0672

SUPPORT CHART

SIGN NO.	SIGN TYPE	SIGN SIZE (in.) w x h	ROADWAY STATION	NO. OF SUP.	BEAM SECTION	SUPPORT TYPE BA or S	ATTACH METHOD	MOUNTING METHOD	HORIZ. CLR.* (ft.)	LENGTH (ft) SNS HT H	LENGTH (ft) MTG HT C	LENGTH (ft) EMBEDMENT	LEFT SUPPORT (ft) S	LEFT SUPPORT (ft) L	LEFT SUPPORT (ft) TOTAL LENGTH	CENTER SUPPORT (ft) S	CENTER SUPPORT (ft) L	CENTER SUPPORT (ft) TOTAL LENGTH	RIGHT SUPPORT (ft) S	RIGHT SUPPORT (ft) L	RIGHT SUPPORT (ft) TOTAL LENGTH	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)
101	A	198 X 120	-L- STA 7+44	2	W6x16	BA	N/A	N/A	30.00	10.00	7.00	6	0.86	17.86	23.86	0.00	0.00	0.00	-3.16	13.84	19.84	1.5	6.5	831.58	0.00	0.85	0.00	
102	A	114 X 60	-RAMPC- STA 21+00	2	W6x12	S	N/A	N/A	18.00	5.00	7.00	4	3.44	15.44	19.44	0.00	0.00	0.00	6.22	18.22	22.22	1.5	4.5	0.00	499.92	0.59	0.00	
103	B	114 X 36	-RAMPA- STA 23+74	2	S3x5.7	BA	N/A	N/A	18.00	3.00	7.00	3.5	2.05	12.05	15.55	0.00	0.00	0.00	2.98	12.98	16.48	1	4	218.10	0.00	0.00	0.23	
104	A	198 X 84	-L- STA 96+30	2	W8x18	BA	N/A	N/A	30.00	7.00	7.00	5.5	5.06	19.06	24.56	0.00	0.00	0.00	7.47	21.47	26.97	2	6	1089.66	0.00	1.40	0.00	
105A	A	156 X 30	-Y3- STA 34+00	2	W6x16	BA	2	N/A	30.00	8.00	7.00	5.5	3.93	18.93	24.43	0.00	0.00	0.00	5.20	20.20	25.70	1.5	6	934.46	0.00	0.79	0.00	
105B	A	156 X 66																										
106	A	222 X 84	-DFVB- STA 32+45	3	W8x21	S	N/A	N/A	18.00	7.00	7.00	5	3.44	17.44	22.44	6.72	20.72	25.72	10.00	24.00	29.00	2	5.5	0.00	1620.36	1.92	0.00	
201	A	78 X 60	~898' WEST -L- STA 2+73	2	S3x5.7	BA	N/A	N/A	△	5.00	7.00	3.5	0.50	12.50	16.00	0.00	0.00	0.00	0.50	12.50	16.00	1	4	217.93	0.00	0.00	0.23	
202	A	78 X 60	~390' WEST -L- STA 2+73	2	S3x5.7	BA	N/A	N/A	△	5.00	7.00	3.5	0.50	12.50	16.00	0.00	0.00	0.00	0.50	12.50	16.00	1	4	217.93	0.00	0.00	0.23	
203	A	90 X 60	-L- STA 33+68	2	S3x5.7	BA	N/A	N/A	△	5.00	7.00	3.5	0.50	12.50	16.00	0.00	0.00	0.00	0.50	12.50	16.00	1	4	217.93	0.00	0.00	0.23	
204	A	78 X 60	-L- STA 53+54	2	S3x5.7	BA	N/A	N/A	△	5.00	7.00	3.5	0.50	12.50	16.00	0.00	0.00	0.00	0.50	12.50	16.00	1	4	217.93	0.00	0.00	0.23	
205	A	90 X 60	-L- STA 89+02	2	S3x5.7	BA	N/A	N/A	△	5.00	7.00	3.5	0.50	12.50	16.00	0.00	0.00	0.00	0.50	12.50	16.00	1	4	217.93	0.00	0.00	0.23	
206	A	78 X 60	-L- STA 117+83	2	S3x5.7	BA	N/A	N/A	△	5.00	7.00	3.5	0.50	12.50	16.00	0.00	0.00	0.00	0.50	12.50	16.00	1	4	217.93	0.00	0.00	0.23	
207	A	126 X 60	-L- STA 99+67	2	S4x7.7	BA	N/A	N/A	△	5.00	7.00	4	0.50	12.50	16.50	0.00	0.00	0.00	0.50	12.50	16.50	1	4.5	294.71	0.00	0.00	0.26	
208	A	126 X 60	-Y3- STA 35+32	2	S4x7.7	BA	N/A	N/A	△	5.00	7.00	4	0.50	12.50	16.50	0.00	0.00	0.00	0.50	12.50	16.50	1	4.5	294.71	0.00	0.00	0.26	
209	A	78 X 60	-L- STA 145+00	2	S3x5.7	BA	N/A	N/A	△	5.00	7.00	3.5	0.50	12.50	16.00	0.00	0.00	0.00	0.50	12.50	16.00	1	4	217.93	0.00	0.00	0.23	
210	A	78 X 60	-DFEB- STA 41+18	2	S3x5.7	BA	N/A	N/A	△	5.00	7.00	3.5	0.50	12.50	16.00	0.00	0.00	0.00	0.50	12.50	16.00	1	4	217.93	0.00	0.00	0.23	
211	A	60 X 90	-DFWB- STA 58+02	1	W6x12	BA	N/A	N/A	N/A	7.50	8.00	4.5	0.00	0.00	0.00	0.50	16.00	20.50	0.00	0.00	0.00	1.5	5	288.68	0.00	0.00	0.00	
212	A	108 X 60	-DFEB- STA 6+18	2	S4x7.7	BA	N/A	N/A	△	5.00	7.00	4	0.50	12.50	16.50	0.00	0.00	0.00	0.50	12.50	16.50	1	4.5	294.71	0.00	0.00	0.26	
213	A	78 X 60	-DFWB- STA 12+50	2	S3x5.7	BA	N/A	N/A	△	5.00	7.00	3.5	0.50	12.50	16.00	0.00	0.00	0.00	0.50	12.50	16.00	1.00	4	217.93	0.00	0.00	0.23	
901	A	180 X 138	-L- STA 20+91	2	W10x26	BA	N/A	N/A	30.00	11.50	7.00	5.5	3.37	21.87	27.37	0.00	0.00	0.00	0.62	19.12	24.62	2.5	6	1639.88	0.00	2.18	0.00	
902	A	90 X 84	-RAMPC- STA 18+13	2	W6x16	S	N/A	N/A	18.00	7.00	7.00	4	3.23	17.23	21.23	0.00	0.00	0.00	5.43	19.43	23.43	1.5	4.5	0.00	714.56	0.59	0.00	
903	A	90 X 84	-RAMPA- STA 21+39	2	W6x12	BA	N/A	N/A	18.00	7.00	7.00	4	1.98	15.98	19.98	0.00	0.00	0.00	2.71	16.71	20.71	1.5	4.5	573.64	0.00	0.59	0.00	
904	A	180 X 138	-L- STA 87+00	2	W8x21	BA	N/A	N/A	30.00	11.50	7.00	5.5	-2.26	16.24	21.74	0.00	0.00	0.00	-4.07	14.43	19.93	2.00	6	1060.69	0.00	1.40	0.00	
905	A	180 X 120	-LDFEB- STA 203+30	2	W18x40	S	N/A	N/A	20.00	10.00	7.00	5	2.45	19.45	24.45	0.00	0.00	0.00	6.67	23.67	28.67	3.00	5.5	0.00	2124.80	2.88	0.00	
																								TOTAL 9482.23	TOTAL 4959.64	TOTAL 13.18	TOTAL 3.11	
																								USE: 9483	4960	14	4	



TYPICAL ELEVATION
GROUND MOUNTED SIGNS

NOTES

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

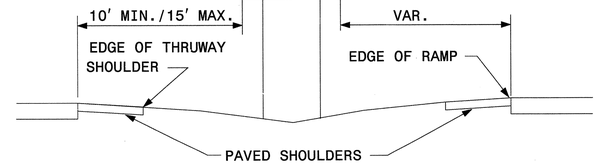
2. FIELD VERIFICATIONS SHALL BE REQUIRED FOR ALL SUPPORTS, SEE (*) ARTICLE 903-3. FABRICATORS SHALL BE AISC CERTIFIED IN CATEGORY 1, SEE (*) ARTICLE 1072-1. (*) = N.C.D.O.T. STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES

3. 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.

△

SIGN NOS. 201,202,203, 204,205,206, 207,208,209, 210,212,213

LOCATE EXIT GORE SIGN AS CLOSE AS POSSIBLE TO GORE AND THRU LANE SHOULDER FOR OPTIMAL VISIBILITY FROM APPROACHING THRU LANES.



TYPE 'A' AND TYPE 'B'
GROUND MOUNTED SIGNS

$$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-4

APPROVED: Betsy L. Watson

DATE: 12/20/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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www.stantec.com
License No. F-0672

(401) QUANTITY REQ'D 8



36 X 48
R2-1

TWO "U" POSTS PER SIGN

(402) QUANTITY REQ'D 1



30 X 36
R2-1

ONE "U" POST PER SIGN

(403) QUANTITY REQ'D 7



48 X 60
R2-1

TWO "U" POSTS PER SIGN

(404) QUANTITY REQ'D 22



24 X 30
R2-1

ONE "U" POST PER SIGN

(405) QUANTITY REQ'D 6



30 X 36
R2-1

ONE "U" POST PER SIGN

(406) QUANTITY REQ'D 6



36 X 36
R5-1

ONE "U" POST PER SIGN

(407) QUANTITY REQ'D 6



42 X 30
R5-1a

ONE "U" POST PER SIGN

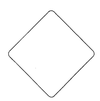
(408) QUANTITY REQ'D 10



24 X 30
R4-7

ONE "U" POST PER SIGN

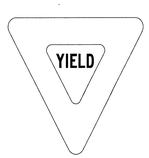
(409) QUANTITY REQ'D 10



18 X 18
OM1-3

MOUNT BELOW SIGN 408
IN 10 INSTALLATIONS

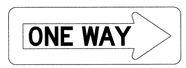
(410) QUANTITY REQ'D 13



36 X 36 X 36
R1-2

ONE "U" POST PER SIGN

(411) QUANTITY REQ'D 3



54 X 18
R6-1R

TWO "U" POSTS PER SIGN

(412) QUANTITY REQ'D 13



36 X 36
R1-1

ONE "U" POST PER SIGN

(413) QUANTITY REQ'D 2



36 X 36
R3-7L

ONE "U" POST PER SIGN

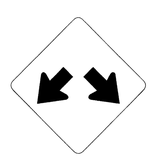
(414) QUANTITY REQ'D 5



30 X 30
W14-2

ONE "U" POST PER SIGN

(415) QUANTITY REQ'D 2



36 X 36
W12-1

ONE "U" POST PER SIGN

(416) QUANTITY REQ'D 3



30 X 30
W11-1

FLUORESCENT YELLOW/GREEN

ONE "U" POST PER SIGN

(417) QUANTITY REQ'D 3



18 X 24
W16-1P

FLUORESCENT YELLOW/GREEN

MOUNT BELOW SIGN 416
IN 3 INSTALLATIONS

(418) QUANTITY REQ'D 2



36 X 36
W2-6

ONE "U" POST PER SIGN

(419) QUANTITY REQ'D 2



24 X 24
W13-1P

MOUNT BELOW SIGN 418
IN 2 INSTALLATIONS

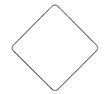
(420) QUANTITY REQ'D 1



36 X 36
W12-2

ONE "U" POST PER SIGN

(421) QUANTITY REQ'D 13



18 X 18
OM4-3

ONE "U" POST PER SIGN

(422) QUANTITY REQ'D 4



36 X 36
W9-1R

ONE "U" POST PER SIGN

(423) QUANTITY REQ'D 6



36 X 36
W4-2R

ONE "U" POST PER SIGN

(424) QUANTITY REQ'D 7



48 X 48
W4-3R

TWO "U" POSTS PER SIGN

(425) QUANTITY REQ'D 2



36 X 36
W4-1R

ONE "U" POST PER SIGN

(426) QUANTITY REQ'D 2



36 X 36
W4-3R

ONE "U" POST PER SIGN

(427) QUANTITY REQ'D 6



30 X 30
W2-6

ONE "U" POST PER SIGN

(428) QUANTITY REQ'D 7



18 X 18
W13-1P

MOUNT BELOW SIGN 427
IN 6 INSTALLATIONS

MOUNT BELOW SIGN 441
IN 1 INSTALLATION

(429) QUANTITY REQ'D 3



48 X 48
W4-1R

TWO "U" POSTS PER SIGN

(430) QUANTITY REQ'D 1



24 X 30
R2-1

ONE "U" POST PER SIGN

(431) QUANTITY REQ'D 10



48 X 48
W9-1R

TWO "U" POSTS PER SIGN

(432) QUANTITY REQ'D 8



48 X 48
W4-2R

TWO "U" POSTS PER SIGN

TYPE 'E' SIGNS

$$$$$$$$SYSTIME$$$$$$
$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$$$$$USERNAME$$$$

(433) QUANTITY REQ'D 10



30 X 24
R6-4

ONE "U" POST PER SIGN

(434) QUANTITY REQ'D 16



30 X 30
W11-2

FLUORESCENT YELLOW/GREEN

ONE "U" POST PER SIGN

(435) QUANTITY REQ'D 14



24 X 12
W16-7PL

FLUORESCENT YELLOW/GREEN

MOUNT BELOW SIGN 434
IN 14 INSTALLATIONS

(436) QUANTITY REQ'D 2

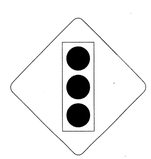


24 X 12
W16-7PR

FLUORESCENT YELLOW/GREEN

MOUNT BELOW SIGN 434
IN 2 INSTALLATIONS

(437) QUANTITY REQ'D 1



48 X 48
W3-3

TWO "U" POSTS PER SIGN

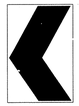
(438) QUANTITY REQ'D 1



48 X 48
W3-5

TWO "U" POSTS PER SIGN

(439) QUANTITY REQ'D 34



30 X 36
W1-8L

INSTALL ON TWO "U" POSTS PER SIGN SPACED APPROXIMATELY 24 INCHES APART ON SUPPORT CENTERS

ONE BARRIER SUPPORT (LARGE) PER SIGN FOR 15 INSTALLATIONS

INSTALL 28 INCH HORIZONTAL CROSS BRACING LEAVING A 1 INCH MARGIN FROM LEFT AND RIGHT EDGES OF SIGN

INSTALLATION HEIGHT: BOTTOM OF SIGN SHALL BE 4 FEET ABOVE THE EDGE OF TRAVEL LANE ELEVATION (RIGHT EDGELINE OF RAMP)

ALL OTHER PORTIONS OF ROADWAY STANDARD DRAWING 904.50 APPLY

(440) QUANTITY REQ'D 4



36 X 36
R3-7R

ONE "U" POST PER SIGN

(441) QUANTITY REQ'D 1



36 X 36
W1-10R

ONE "U" POST PER SIGN

(442) QUANTITY REQ'D 8



48 X 48
W1-2L

TWO "U" POSTS PER SIGN

(443) QUANTITY REQ'D 8



30 X 30
W13-1P

MOUNT BELOW SIGN 442
IN 8 INSTALLATIONS

(444) QUANTITY REQ'D 2



48 X 48
R3-7R

TWO "U" POSTS PER SIGN

(445) QUANTITY REQ'D 1



36 X 36
W3-5

ONE "U" POST PER SIGN

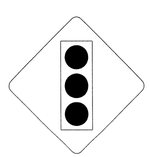
(446) QUANTITY REQ'D 1



36 X 36
W3-1

ONE "U" POST PER SIGN

(447) QUANTITY REQ'D 1



36 X 36
W3-3

ONE "U" POST PER SIGN

(448) QUANTITY REQ'D 1



24 X 30
R12-2

ONE "U" POST PER SIGN

(449) QUANTITY REQ'D 2

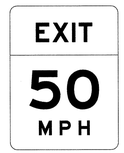


24 X 18
R14-1

MOUNT WITH SIGN 538
IN 1 INSTALLATION

MOUNT WITH SIGN 540
IN 1 INSTALLATION

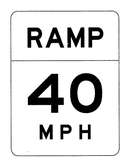
(450) QUANTITY REQ'D 1



48 X 60
W13-2

TWO "U" POSTS PER SIGN

(451) QUANTITY REQ'D 2



48 X 60
W13-3

TWO "U" POSTS PER SIGN

(452) QUANTITY REQ'D 2



48 X 48
W19-3

TWO "U" POSTS PER SIGN

(453) QUANTITY REQ'D 1



24 X 24
R3-2

MOUNT BELOW SIGN 412
IN 1 INSTALLATION

(454) QUANTITY REQ'D 4



36 X 48
R2-1

ONE "U" POST PER SIGN

(455) QUANTITY REQ'D 3



36 X 36
R1-5

ONE "U" POST PER SIGN

(456) QUANTITY REQ'D 6



48 X 48
W1-2R

TWO "U" POSTS PER SIGN

(457) QUANTITY REQ'D 6



30 X 30
W13-1P

MOUNT BELOW SIGN 456
IN 6 INSTALLATIONS

TIP NO.	SHEET NO.
U-0071	SIGN-4A

APPROVED: [signature]

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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www.stantec.com
License No. F-0672

TYPE 'E' SIGNS

$$$$$$SYSTIME$$$$$$
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$$$$$$$$$$$$$$$$$USERNAME$$$$$$

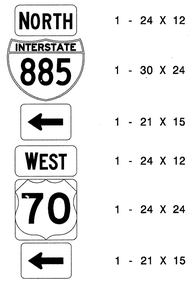
501 502



2 - 36 X 18
1 - 45 X 36
1 - 36 X 36

TWO "U" POSTS PER SIGN

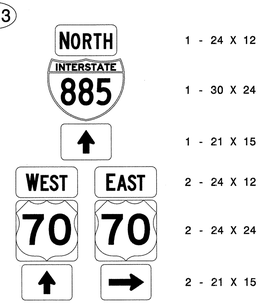
507



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

ONE "U" POST PER SIGN

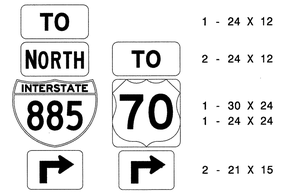
513



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

TWO "U" POSTS PER SIGN

518



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

TWO "U" POSTS PER SIGN

524 527



1 - 36 X 18
1 - 36 X 36

ONE "U" POST PER SIGN

532



1 - 36 X 18
1 - 36 X 36

ONE "U" POST PER SIGN

TIP NO.	SHEET NO.
U-0071	SIGN-4B

APPROVED: [signature]

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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License No. F-0672

503 512



1 - 36 X 18
1 - 45 X 36
1 - 36 X 18
1 - 36 X 36

ONE "U" POST PER SIGN

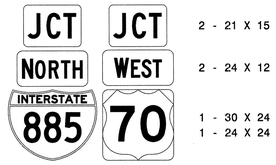
508



1 - 24 X 12
1 - 24 X 24

ONE "U" POST PER SIGN

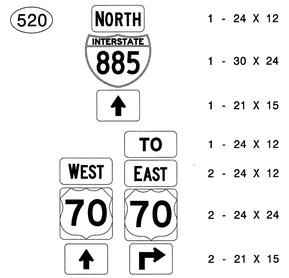
514 519



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

TWO "U" POSTS PER SIGN

520



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

TWO "U" POSTS PER SIGN

525 526



1 - 36 X 18
1 - 36 X 36

ONE "U" POST PER SIGN

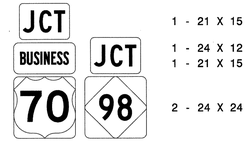
533



2 - 36 X 18
1 - 45 X 36
1 - 36 X 36

TWO "U" POSTS PER SIGN

537 539



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

TWO "U" POSTS PER SIGN

504

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

TWO "U" POSTS PER SIGN

509 535

1 - 21 X 15
1 - 30 X 24
1 - 21 X 15
1 - 24 X 24

ONE "U" POST PER SIGN

515

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

TWO "U" POSTS PER SIGN

521

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

TWO "U" POSTS PER SIGN

528 530

1 - 21 X 15
1 - 24 X 24

ONE "U" POST PER SIGN

534

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

ONE "U" POST PER SIGN

538

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

TWO "U" POSTS PER SIGN

505

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

TWO "U" POSTS PER SIGN

510

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

ONE "U" POST PER SIGN

516

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

ONE "U" POST PER SIGN

522

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

ONE "U" POST PER SIGN

529

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

TWO "U" POSTS PER SIGN

536

1 - 24 X 12
2 - 24 X 12
2 - 24 X 24

TWO "U" POSTS PER SIGN

540

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

TWO "U" POSTS PER SIGN

506

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

ONE "U" POST PER SIGN

511

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

ONE "U" POST PER SIGN

517

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

MOUNT BELOW SIGN 311
IN 1 INSTALLATION

523

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

TWO "U" POSTS PER SIGN

531

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

TWO "U" POSTS PER SIGN

TYPE 'F' SIGNS

$$$$$$$SYSTIME$$$$$
$$$$$$$

QUANTITY REQ'D 1



18 X 54

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 54

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 60

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 60

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 54

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 60

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 54

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 60

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 60

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 54

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 54

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 60

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 60

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 60

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 54

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 54

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 60

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 54

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 60

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 54

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 54

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 60

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 54

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 54

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 54

ONE "U" POST PER SIGN

QUANTITY REQ'D 1



18 X 60

ONE "U" POST PER SIGN

TIP NO.	SHEET NO.
U-0071	SIGN-4C

APPROVED: _____

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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MILEMARKER SIGNS

$$$$$$$SYSTIME$$$$$$
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$USERNAME$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5

APPROVED: C.B. Watson

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

Stantec

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www.stantec.com
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SIGN NUMBER: 1A,3A,5A,11A,21A
TYPE: B
QUANTITY: 5

SIGN WIDTH: 114″
HEIGHT: 30″
TOTAL AREA: 23.8 Sq.Ft.

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

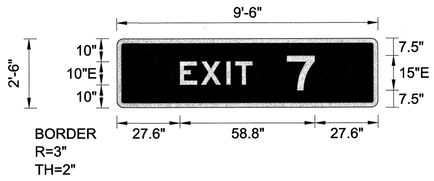
NO. Z BARS: 2
LENGTH: 106.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



USE NOTES

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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																												Series/Size Text Length
	E	X	I	T																								E 2000
27.6	9.2	11.1	3.8	7.5	54.8																							31.6
	7																											E 2000
74.2	12.2	27.6																										12.2

SIGN NUMBER: 1B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 174″
HEIGHT: 78″
TOTAL AREA: 94.3 Sq.Ft.

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

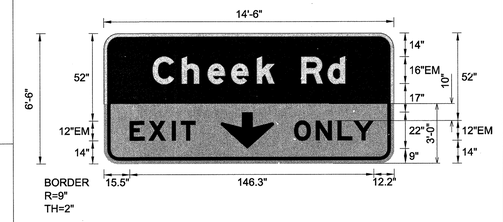
NO. Z BARS: 2
LENGTH: 166.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
ARDOWN	70	9	32	22

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Apr 12, 2013



USE NOTES

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.
4. Bottom panel shall be yellow Grade C sheeting on background with black recessed border. RADII:7″ THICKNESS:2″ RECESS:2″

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																												Series/Size Text Length
	C	h	e	e	k		R	d																				EM 2000
29.2	17.4	15.5	14.1	15.5	10.6	16	15.8	10.6	29.2																			115.5
	E	X	I	T																								EM 2000
15.5	11.2	14	5.4	8.9	119																							39.5
	O	N	L	Y																								EM 2000
114	13	13.1	9.6	12.1	12.2																							47.8

SIGN NUMBER: 2A,7A,10A
TYPE: B
QUANTITY: 3

SIGN WIDTH: 138″
HEIGHT: 30″
TOTAL AREA: 28.8 Sq.Ft.

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

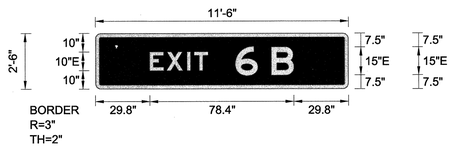
NO. Z BARS: 2
LENGTH: 130.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



USE NOTES

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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																												Series/Size Text Length
	E	X	I	T																								E 2000
29.8	9.2	11.1	3.8	7.5	76.6																							31.6
	6		B																									E 2000
76.4	12.2	7.5	12.2	29.8																								31.8

SIGN NUMBER: 2B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 186″
HEIGHT: 186″
TOTAL AREA: 240.3 Sq.Ft.

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

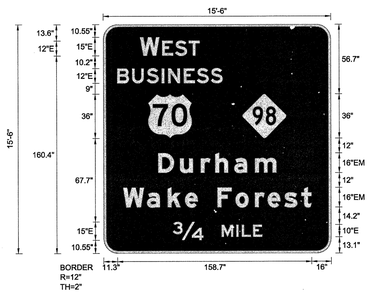
NO. Z BARS: 6
LENGTH: 178.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	36.4	93.3	36	36
M1_5	113.6	93.3	36	36

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Nov 25, 2013



USE NOTES

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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																												Series/Size Text Length
	W		E	S	T																							E 2000
30	15.9	2.2	10.7	11	9	107.2																						48.8
	B	U	S	I	N	E	S	S																				E 2000
11.3	12.1	12.1	12.1	5.3	12.8	10.7	11.4	9.7	88.4																			86.3
	D	u	r	h	a	m																						EM 2000
44.7	17.8	17	11.8	15.5	17	17.6	44.7																					96.6
	W	a	k	e		F	o	r	e	s	t																	EM 2000
16	19.4	17	14.1	10.6	16	14.7	15.8	10.4	13.8	13.9	8.3	16																153.9
	3/4		M	I	L	E																						E 2000
56.5	25	15	12	4.4	9.2	7.5	56.5																					73.1

SIGN DESIGNS
(TYPE 'A' & 'B' OVERHEAD SIGNS)

$$$$SYSTIME$$$$
$$$$USERNAME$$$$ $$$$DGN$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5A

APPROVED: _____

DATE: 12/14/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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www.stantec.com
License No. F-0672

SIGN NUMBER: 3B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 174″
HEIGHT: 78″
TOTAL AREA: 94.3 Sq.Ft.

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

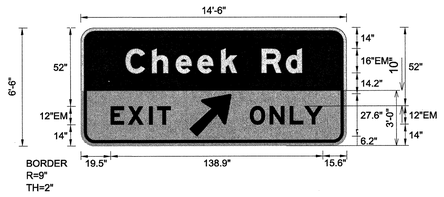
NO. Z BARS: 2
LENGTH: 166.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type A	71	6.2	22.3	35

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Apr 07, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

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.
4. Bottom panel shall be yellow Grade C sheeting on background with black recessed border. RADII:7″ THICKNESS:2″ RECESS:2″

LETTER POSITIONS

Letter spacings are to start of next letter

										Series/Size Text Length
	C	h	e	e	k		R	d		EM 2000
29.2	17.4	15.5	14.1	15.5	10.6	16	15.8	10.6	29.2	115.5
	E	X	I	T						EM 2000
19.5	11.2	14	5.4	8.9	115					39.5
	O	N	L	Y						EM 2000
110.6	13	13.1	9.6	12.1	15.6					47.8

SIGN NUMBER: 4A,6
TYPE: B
QUANTITY: 2

SIGN WIDTH: 114″
HEIGHT: 30″
TOTAL AREA: 23.8 Sq.Ft.

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

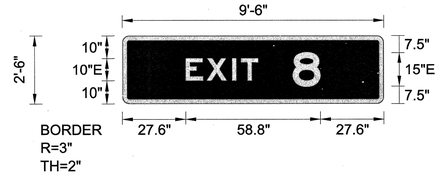
NO. Z BARS: 2
LENGTH: 106.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

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.

LETTER POSITIONS

Letter spacings are to start of next letter

										Series/Size Text Length
	E	X	I	T						E 2000
27.6	9.2	11.1	3.8	7.5	54.8					31.6
	8									E 2000
74.2	12.2	27.6								12.2

SIGN NUMBER: 4B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 168″
HEIGHT: 168″
TOTAL AREA: 196.0 Sq.Ft.

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

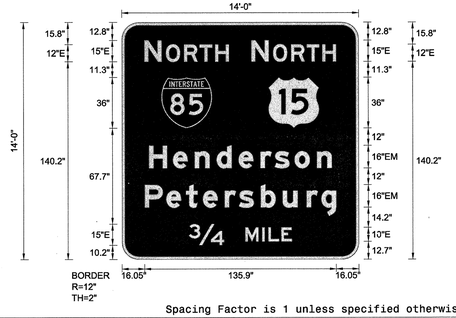
NO. Z BARS: 4
LENGTH: 160.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	28	92.9	36	36
M1_4	104	92.9	36	36

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Apr 07, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

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
	N		O	R	T	H					E 2000
16.1	12.2	3.1	12.8	11	11	9.7	92				59.9
	N		O	R	T	H					E 2000
92	12.2	3.1	12.8	11	11	9.7	16.1				59.9
	H	e	n	d	e	r	s	o	n		EM 2000
19.2	17	15.5	15.5	15.5	15.5	10.1	14.1	15.8	10.6	19.2	129.6
	P	e	t	e	r	s	b	u	r	g	EM 2000
16.1	15.4	13.9	12	15.5	10.1	15.5	15.5	17	10.4	10.6	135.8
	3/4		M	I	L	E					E 2000
47.5	25	15	12	4.4	9.2	7.5	47.5				73.1

SIGN NUMBER: 5B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 192″
HEIGHT: 48″
TOTAL AREA: 64.0 Sq.Ft.

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

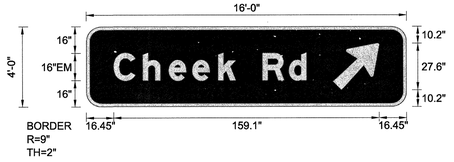
NO. Z BARS: 2
LENGTH: 184.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type A	148	10.2	22.3	35

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Apr 07, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

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
	C	h	e	e	k		R	d		EM 2000
16.4	17.4	15.5	14.1	15.5	10.6	16	15.8	10.6	60	115.5

SIGN DESIGNS
(TYPE 'A' & 'B' OVERHEAD SIGNS)

$$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$$$$USERNAME$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5B

APPROVED: cblwatson

DATE: 12/14/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

Stantec Consulting Services Inc.
801 Jones Franklin Road
Suite 300
Raleigh, NC 27606
Tel. (919) 851-6866
Fax. (919) 851-7024
www.stantec.com
License No. F-0672

SIGN NUMBER: 7B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 186″
HEIGHT: 222″
TOTAL AREA: 286.8 Sq.Ft.

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

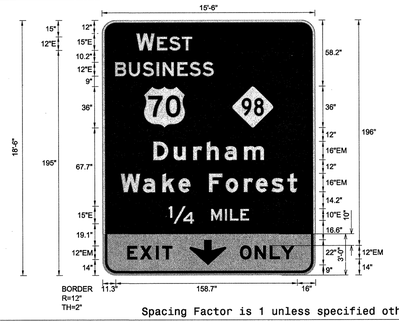
NO. Z BARS: 6
LENGTH: 178.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	36.4	127.8	36	36
M1_5	113.6	127.8	36	36
ARDOWN	76	9	32	22

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

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.
4. Bottom panel shall be yellow Grade C sheeting on background with black recessed border. RADII:10″ THICKNESS:2″ RECESS:2″

LETTER POSITIONS

Letter spacings are to start of next letter

																									Series/Size Text Length
	W		E	S	T																				E 2000
30	15.9	2.2	10.7	11	9	107.2																			48.8
	B	U	S	I	N	E	S	S																	E 2000
11.3	12.1	12.1	12.1	5.3	12.8	10.7	11.4	9.7	88.4																86.3
	D	u	r	h	a	m																			EM 2000
44.7	17.8	17	11.8	15.5	17	17.6	44.7																		96.6
	W	a	k	e		F	o	r	e	s	t														EM 2000
16	19.4	17	14.1	10.6	16	14.7	15.8	10.4	13.8	13.9	8.3	16													153.9
	1/4		M	I	L	E																			E 2000
58	22	15	12	4.4	9.2	7.5	58																		70.1
	E	X	I	T																					EM 2000
21.5	11.2	14	5.4	8.9	125																				39.5
	O	N	L	Y																					EM 2000
120	13	13.1	9.6	12.1	18.2																				47.8

SIGN NUMBER: 8,13,26
TYPE: A
QUANTITY: 3

SIGN WIDTH: 252″
HEIGHT: 180″
TOTAL AREA: 315.0 Sq.Ft.

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

NO. Z BARS: 6
LENGTH: 244.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	28	84.5	60	48
M1_1	115	84.5	48	48
M1_5	183	84.5	48	48
ARDOWN	38	12.5	32	22
ARDOWN	182	12.5	32	22

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

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
	S		O	U	T	H																			E 2000
21	14.6	2.8	16	14.7	13.8	12.2	157																		74
	T	O																							E 2000
126	13.4	12.6	100																						26
	T	O																							E 2000
194	13.3	12.6	32																						26
	R		D		U		A	i	r	p	o	r	t												EM 2000
28.5	16.2	7	16.2	7	16.2	20	25	12	14.8	17.6	19.8	12.8	10.4	28.5											195

SIGN NUMBER: 9A,14A,27A
TYPE: B
QUANTITY: 3

SIGN WIDTH: 138″
HEIGHT: 30″
TOTAL AREA: 28.8 Sq.Ft.

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

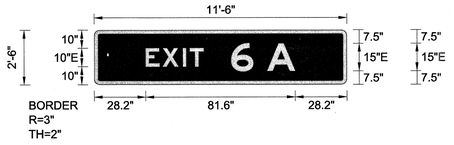
NO. Z BARS: 2
LENGTH: 130.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



USE NOTES

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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																									Series/Size Text Length
	E	X	I	T																					E 2000
28.2	9.2	11.1	3.8	7.5	78.2																				31.6
	6		A																						E 2000
74.8	12.2	7.5	15.3	28.2																					35

SIGN NUMBER: 9B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 174″
HEIGHT: 180″
TOTAL AREA: 217.5 Sq.Ft.

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

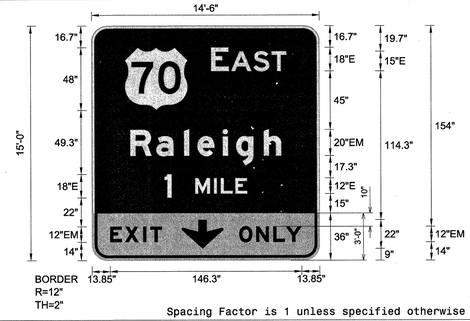
NO. Z BARS: 6
LENGTH: 166.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	25.3	115.3	48	48
ARDOWN	68.4	9	32	22

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



USE NOTES

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.
4. Bottom panel shall be yellow Grade C sheeting on background with black recessed border. RADII:10″ THICKNESS:2″ RECESS:2″

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																									Series/Size Text Length
	E		A	S	T																				E 2000
91.3	13.5	1.9	16.9	13.8	11.3	25.3																			57.4
	R	a	l	e	i	g	h																		EM 2000
29.4	19.8	21.2	10.2	19.4	10.2	21.2	13.2	29.4																	115.2
	1		M	I	L	E																			E 2000
55.4	5.4	18	14.4	5.3	11	9	55.4																		63.1
	E	X	I	T																					EM 2000
13.9	11.2	14	5.4	8.9	120.6																				39.5
	O	N	L	Y																					EM 2000
112.4	13	13.1	9.6	12.1	13.9																				47.8

SIGN DESIGNS
(TYPE 'A' & 'B' OVERHEAD SIGNS)

$$$$$$SYSTIME$$$$$$
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$$$USERNAME$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5C

APPROVED: _____

DATE: 12/4/13

SEAL

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SIGN NUMBER: 10B,22B
TYPE: A
QUANTITY: 2

SIGN WIDTH: 186″
HEIGHT: 198″
TOTAL AREA: 255.8 Sq.Ft.

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

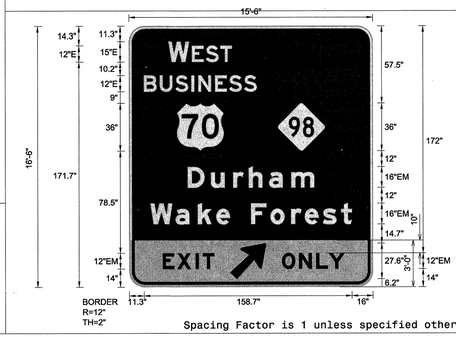
NO. Z BARS: 6
LENGTH: 178.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	36.4	104.5	36	36
M1_5	113.6	104.5	36	36
AR_Type A	77	6.2	22.3	35

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

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.
4. Bottom panel shall be yellow Grade C sheeting on background with black recessed border. RADII:10″ THICKNESS:2″ RECESS:2″

LETTER POSITIONS

Letter spacings are to start of next letter

																							Series/Size Text Length
	W		E	S	T																		E 2000
30	15.9	2.2	10.7	11	9	107.2																	48.8
	B	U	S	I	N	E	S	S															E 2000
11.3	12.1	12.1	12.1	5.3	12.8	10.7	11.4	9.7	88.4														86.3
	D	u	r	h	a	m																	EM 2000
44.7	17.8	17	11.8	15.5	17	17.6	44.7																96.6
	W	a	k	e		F	o	r	e	s	t												EM 2000
16	19.4	17	14.1	10.6	16	14.7	15.8	10.4	13.8	13.9	8.3	16											153.9
	E	X	I	T																			EM 2000
25.5	11.2	14	5.4	8.9	121																		39.5
	O	N	L	Y																			EM 2000
116.6	13	13.1	9.6	12.1	21.6																		47.8

SIGN NUMBER: 11B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 150″
HEIGHT: 66″
TOTAL AREA: 68.8 Sq.Ft.

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

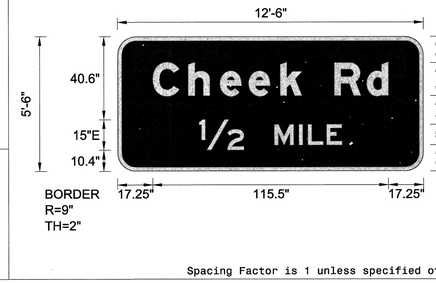
NO. Z BARS: 2
LENGTH: 142.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Apr 07, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

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.

LETTER POSITIONS

Letter spacings are to start of next letter

																							Series/Size Text Length
	C	h	e	e	k		R	d															EM 2000
17.2	17.4	15.5	14.1	15.5	10.6	16	15.8	10.6	17.2														115.5
	1/2		M	I	L	E																	E 2000
40	22	15	12	4.4	9.2	7.5	40																70.1

SIGN NUMBER: 12,25,44
TYPE: A
QUANTITY: 3

SIGN WIDTH: 90″
HEIGHT: 102″
TOTAL AREA: 63.8 Sq.Ft.

BORDER TYPE: RECESSED
RADII: 12″
WIDTH: 2″
RECESS: 0.75″

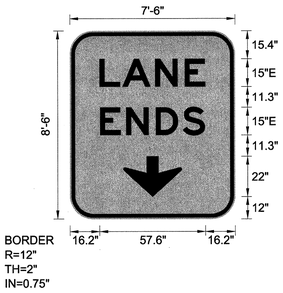
NO. Z BARS: 3
LENGTH: 82.0

BACKG COLOR: Yellow
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
ARDOWN	29	12	32	22

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Apr 07, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

1. Legend and border shall be direct applied black non-reflective 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
	L	A	N	E																			E 2000
16.2	12.4	17.9	16.1	11.3	16.2																		57.6
	E	N	D	S																			E 2000
16.4	14.3	16.1	14.7	12.2	16.4																		57.2

SIGN NUMBER: 14B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 222″
HEIGHT: 150″
TOTAL AREA: 231.3 Sq.Ft.

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

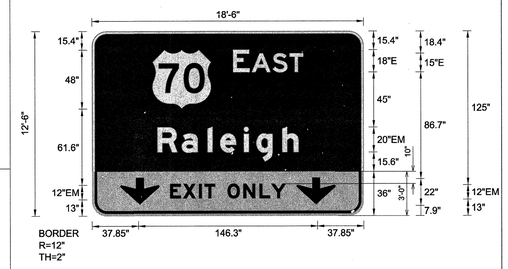
NO. Z BARS: 4
LENGTH: 214.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	49.3	86.6	48	48
ARDOWN	23	9	32	22
ARDOWN	167	9	32	22

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

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.
4. Bottom panel shall be yellow Grade C sheeting on background with black recessed border. RADII:10″ THICKNESS:2″ RECESS:2″

LETTER POSITIONS

Letter spacings are to start of next letter

																							Series/Size Text Length
	E		A	S	T																		E 2000
115.3	13.5	1.9	16.9	13.8	11.3	49.3																	57.4
	R	a	l	e	i	g	h																EM 2000
53.4	19.8	21.2	10.2	19.4	10.2	21.2	13.2	53.4															115.2
	E	X	I	T		O	N	L	Y														EM 2000
63.6	10.6	13	4.6	8.9	10	13	13.1	9.6	12.1	63.6													94.7

SIGN DESIGNS
(TYPE 'A' & 'B' OVERHEAD SIGNS)

$$$$$$SYSTIME$$$$$$
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5D

APPROVED: _____

DATE: 12/4/13

SEAL

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www.stantec.com
License No. F-0672

SIGN NUMBER: 15
TYPE: A
QUANTITY: 1

SIGN WIDTH: 174″
HEIGHT: 162″
TOTAL AREA: 195.8 Sq.Ft.

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

NO. Z BARS: 4
LENGTH: 166.0

BACKG COLOR: Green
COPY COLOR: White

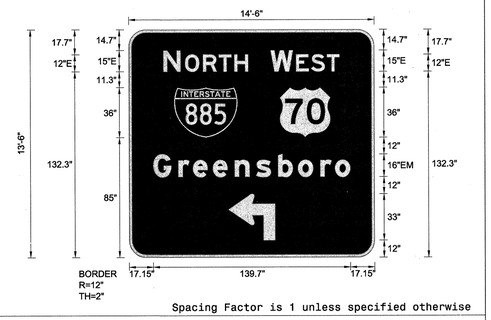
SYMBOL	X	Y	WID	HT
M1_1	32.1	85	45	36
M1_4	107	85	36	36
AR90L1	70.5	12	33	33

MAT'L: 0.125″ (3.2MM) ALUMINUM

USE NOTES

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.

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																								Series/Size Text Length
	N		O	R	T	H																		E 2000
24.6	12.2	3.1	12.8	11	11	9.7	89.4																	59.9
	W		E	S	T																			E 2000
100.6	15.9	2.2	10.7	11	9	24.6																		48.8
	G	r	e	e	n	s	b	o	r	o														EM 2000
17.2	17.8	10.4	14.1	15.5	15.2	15.5	14.1	15.8	10.4	10.9	17.2													139.7

SIGN NUMBER: 16
TYPE: A
QUANTITY: 1

SIGN WIDTH: 78″
HEIGHT: 84″
TOTAL AREA: 45.5 Sq.Ft.

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

NO. Z BARS: 2
LENGTH: 70.0

BACKG COLOR: Green
COPY COLOR: White

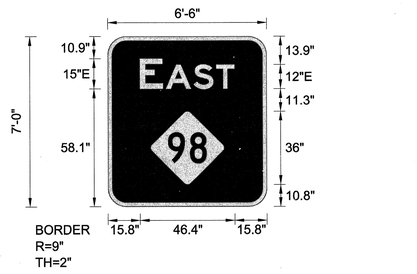
SYMBOL	X	Y	WID	HT
M1_5	21	10.9	36	36

MAT'L: 0.125″ (3.2MM) ALUMINUM

USE NOTES

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.

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Apr 08, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																								Series/Size Text Length
	E		A	S	T																			E 2000
15.8	11.3	1.5	13.6	11	9	15.8																		46.4

SIGN NUMBER: 17
TYPE: A
QUANTITY: 1

SIGN WIDTH: 156″
HEIGHT: 162″
TOTAL AREA: 175.5 Sq.Ft.

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

NO. Z BARS: 4
LENGTH: 148.0

BACKG COLOR: Green
COPY COLOR: White

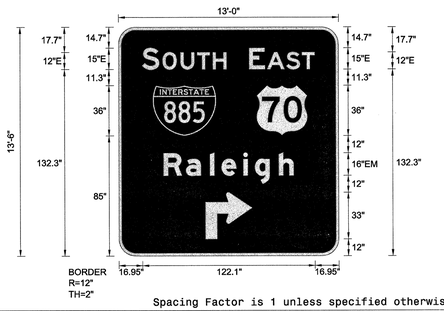
SYMBOL	X	Y	WID	HT
M1_1	24.3	85	45	36
M1_4	97.9	85	36	36
AR90R1	61.5	12	33	33

MAT'L: 0.125″ (3.2MM) ALUMINUM

USE NOTES

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.

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																								Series/Size Text Length
	S		O	U	T	H																		E 2000
16.9	12.2	2.2	12.8	11.8	11	9.7	79.3																	59.8
	E		A	S	T																			E 2000
92.7	11.3	1.5	13.6	11	9	16.9																		46.4
	R	a	l	e	i	g	h																	EM 2000
31.9	15.8	17	8.2	15.5	8.2	17	10.6	31.9																92.2

SIGN NUMBER: 18
TYPE: A
QUANTITY: 1

SIGN WIDTH: 156″
HEIGHT: 162″
TOTAL AREA: 175.5 Sq.Ft.

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

NO. Z BARS: 4
LENGTH: 148.0

BACKG COLOR: Green
COPY COLOR: White

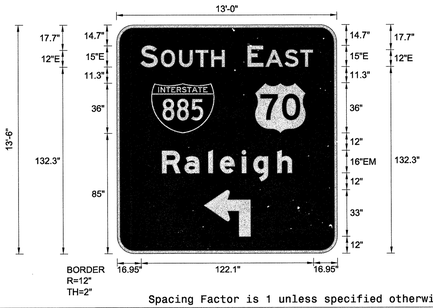
SYMBOL	X	Y	WID	HT
M1_1	24.3	85	45	36
M1_4	97.9	85	36	36
AR90L1	61.5	12	33	33

MAT'L: 0.125″ (3.2MM) ALUMINUM

USE NOTES

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.

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																								Series/Size Text Length
	S		O	U	T	H																		E 2000
16.9	12.2	2.2	12.8	11.8	11	9.7	79.3																	59.8
	E		A	S	T																			E 2000
92.7	11.3	1.5	13.6	11	9	16.9																		46.4
	R	a	l	e	i	g	h																	EM 2000
31.9	15.8	17	8.2	15.5	8.2	17	10.6	31.9																92.2

SIGN DESIGNS
(TYPE 'A' & 'B' OVERHEAD SIGNS)

$$$$$$SYSTIME$$$$$$
$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$
$$$$$$USERNAME$$$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5E

APPROVED: BLWatson

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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801 Jones Franklin Road
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www.stantec.com
License No. F-0672

SIGN NUMBER: 19
TYPE: A
QUANTITY: 1

SIGN WIDTH: 210″
HEIGHT: 138″
TOTAL AREA: 201.3 Sq.Ft.

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

NO. Z BARS: 3
LENGTH: 202.0

BACKG COLOR: Green
COPY COLOR: White

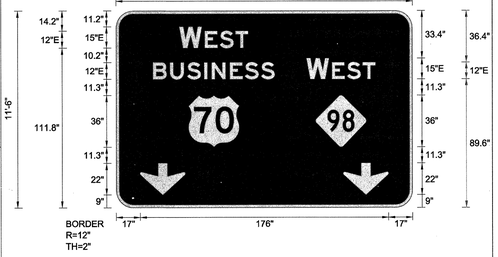
SYMBOL	X	Y	WID	HT
M1_4	51.4	42.3	36	36
M1_5	141.4	42.3	36	36
ARDOWN	17	9	32	22
ARDOWN	161	9	32	22

MAT'L: 0.125″ (3.2MM) ALUMINUM

USE NOTES

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.

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																							Series/Size Text Length
	W		E	S	T																		E 2000
45	15.9	2.2	10.7	11	9	116.3																	48.8
	B	U	S	I	N	E	S	S															E 2000
26.2	12.1	12.1	12.1	5.3	12.8	10.7	11.4	9.7	97.5														86.3
	W		E	S	T																		E 2000
135	15.9	2.2	10.7	11	9	26.2																	48.8

SIGN NUMBER: 20
TYPE: A
QUANTITY: 1

SIGN WIDTH: 210″
HEIGHT: 162″
TOTAL AREA: 236.3 Sq.Ft.

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

NO. Z BARS: 4
LENGTH: 202.0

BACKG COLOR: Green
COPY COLOR: White

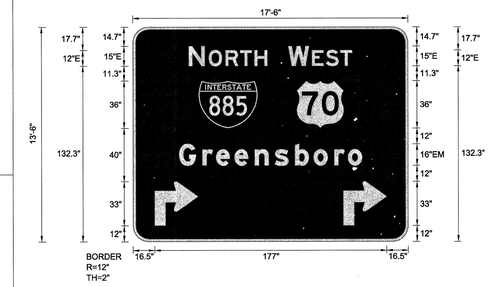
SYMBOL	X	Y	WID	HT
M1_1	50.1	85	45	36
M1_4	125	85	36	36
AR90R1	16.5	12	33	33
AR90R1	160.5	12	33	33

MAT'L: 0.125″ (3.2MM) ALUMINUM

USE NOTES

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.

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																							Series/Size Text Length
	N		O	R	T	H																	E 2000
42.6	12.2	3.1	12.8	11	11	9.7	107.4																59.9
	W		E	S	T																		E 2000
118.6	15.9	2.2	10.7	11	9	42.6																	48.8
	G	r	e	e	n	s	b	o	r	o													EM 2000
35.2	17.8	10.4	14.1	15.5	15.2	15.5	14.1	15.8	10.4	10.9	35.2												139.7

SIGN NUMBER: 21B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 150″
HEIGHT: 66″
TOTAL AREA: 68.8 Sq.Ft.

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

NO. Z BARS: 2
LENGTH: 142.0

BACKG COLOR: Green
COPY COLOR: White

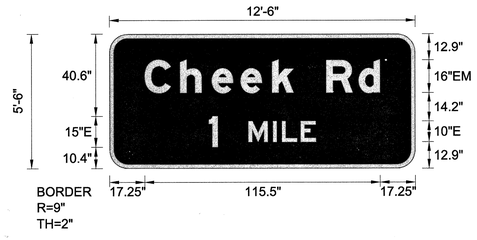
SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

USE NOTES

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.

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Apr 07, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

											Series/Size Text Length
	C	h	e	e	k		R	d			EM 2000
17.2	17.4	15.5	14.1	15.5	10.6	16	15.8	10.6	17.2		115.5
	1		M	I	L	E					E 2000
48.7	4.5	15	12	4.4	9.2	7.5	48.7				52.6

SIGN NUMBER: 22A,23A,24A,28A,29A
TYPE: B
QUANTITY: 5

SIGN WIDTH: 114″
HEIGHT: 30″
TOTAL AREA: 23.8 Sq.Ft.

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

NO. Z BARS: 2
LENGTH: 106.0

BACKG COLOR: Green
COPY COLOR: White

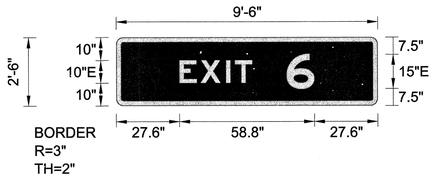
SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

USE NOTES

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.

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																							Series/Size Text Length
	E	X	I	T																			E 2000
27.6	9.2	11.1	3.8	7.5	54.8																		31.6
	6																						E 2000
74.2	12.2	27.6																					12.2

SIGN DESIGNS
(TYPE 'A' & 'B' OVERHEAD SIGNS)

$$$$$$$SYSTIME$$$$$$
$$$$$$$

SIGN NUMBER: 23B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 186″
HEIGHT: 222″
TOTAL AREA: 286.8 Sq.Ft.

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

NO. Z BARS: 6
LENGTH: 178.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	36.4	127.8	36	36
M1_5	113.6	127.8	36	36
ARDOWN	76	9	32	22

MAT'L: 0.125″ (3.2MM) ALUMINUM

USE NOTES

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.
4. Bottom panel shall be yellow Grade C sheeting on background with black recessed border. RADII:10″ THICKNESS:2″ RECESS:2″

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																							Series/Size Text Length
	W		E	S	T																		E 2000
30	15.9	2.2	10.7	11	9	107.2																	48.8
	B	U	S	I	N	E	S	S															E 2000
11.3	12.1	12.1	12.1	5.3	12.8	10.7	11.4	9.7	88.4														86.3
	D	u	r	h	a	m																	EM 2000
44.7	17.8	17	11.8	15.5	17	17.6	44.7																96.6
	W	a	k	e		F	o	r	e	s	t												EM 2000
16	19.4	17	14.1	10.6	16	14.7	15.8	10.4	13.8	13.9	8.3	16											153.9
	1/2		M	I	L	E																	E 2000
58	22	15	12	4.4	9.2	7.5	58																70.1
	E	X	I	T																			EM 2000
21.5	11.2	14	5.4	8.9	125																		39.5
	O	N	L	Y																			EM 2000
120	13	13.1	9.6	12.1	18.2																		47.8

SIGN NUMBER: 24B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 186″
HEIGHT: 198″
TOTAL AREA: 255.8 Sq.Ft.

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

NO. Z BARS: 6
LENGTH: 178.0

BACKG COLOR: Green
COPY COLOR: White

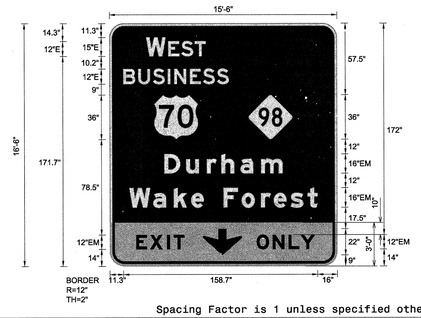
SYMBOL	X	Y	WID	HT
M1_4	36.4	104.5	36	36
M1_5	113.6	104.5	36	36
ARDOWN	76	9	32	22

MAT'L: 0.125″ (3.2MM) ALUMINUM

USE NOTES

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.
4. Bottom panel shall be yellow Grade C sheeting on background with black recessed border. RADII:10″ THICKNESS:2″ RECESS:2″

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																							Series/Size Text Length
	W		E	S	T																		E 2000
30	15.9	2.2	10.7	11	9	107.2																	48.8
	B	U	S	I	N	E	S	S															E 2000
11.3	12.1	12.1	12.1	5.3	12.8	10.7	11.4	9.7	88.4														86.3
	D	u	r	h	a	m																	EM 2000
44.7	17.8	17	11.8	15.5	17	17.6	44.7																96.6
	W	a	k	e		F	o	r	e	s	t												EM 2000
16	19.4	17	14.1	10.6	16	14.7	15.8	10.4	13.8	13.9	8.3	16											153.9
	E	X	I	T																			EM 2000
21.5	11.2	14	5.4	8.9	125																		39.5
	O	N	L	Y																			EM 2000
120	13	13.1	9.6	12.1	18.2																		47.8

SIGN NUMBER: 27B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 222″
HEIGHT: 150″
TOTAL AREA: 231.3 Sq.Ft.

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

NO. Z BARS: 4
LENGTH: 214.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	49.3	86.6	48	48

MAT'L: 0.125″ (3.2MM) ALUMINUM

USE NOTES

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.
4. Bottom panel shall be yellow Grade C sheeting on background with black recessed border. RADII:10″ THICKNESS:2″ RECESS:2″

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																							Series/Size Text Length
	E		A	S	T																		E 2000
115.3	13.5	1.9	16.9	13.8	11.3	49.3																	57.4
	R	a	l	e	i	g	h																EM 2000
53.4	19.8	21.2	10.2	19.4	10.2	21.2	13.2	53.4															115.2

SIGN NUMBER: 28B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 186″
HEIGHT: 186″
TOTAL AREA: 240.3 Sq.Ft.

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

NO. Z BARS: 6
LENGTH: 178.0

BACKG COLOR: Green
COPY COLOR: White

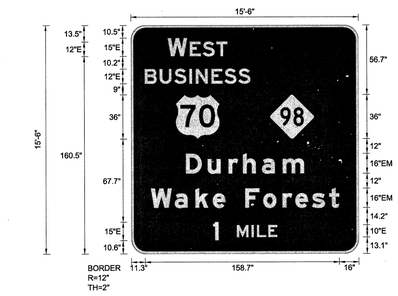
SYMBOL	X	Y	WID	HT
M1_4	36.4	93.3	36	36
M1_5	113.6	93.3	36	36

MAT'L: 0.125″ (3.2MM) ALUMINUM

USE NOTES

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.

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																							Series/Size Text Length
	W		E	S	T																		E 2000
30	15.9	2.2	10.7	11	9	107.2																	48.8
	B	U	S	I	N	E	S	S															E 2000
11.3	12.1	12.1	12.1	5.3	12.8	10.7	11.4	9.7	88.4														86.3
	D	u	r	h	a	m																	EM 2000
44.7	17.8	17	11.8	15.5	17	17.6	44.7																96.6
	W	a	k	e		F	o	r	e	s	t												EM 2000
16	19.4	17	14.1	10.6	16	14.7	15.8	10.4	13.8	13.9	8.3	16											153.9
	1		M	I	L	E																	E 2000
66.7	4.5	15	12	4.4	9.2	7.5	66.7																52.6

TIP NO.	SHEET NO.
U-0071	SIGN-5F

APPROVED: [signature]
DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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Fax. (919) 851-7024
www.stantec.com
License No. F-0672

SIGN DESIGNS
(TYPE 'A' & 'B' OVERHEAD SIGNS)

$$$$$$$SYSTIME$$$$$$
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$
$$$$$$USERNAME$$$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5G

APPROVED: [signature]

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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www.stantec.com
License No. F-0672

SIGN NUMBER: 29B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 186″
HEIGHT: 222″
TOTAL AREA: 286.8 Sq.Ft.

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

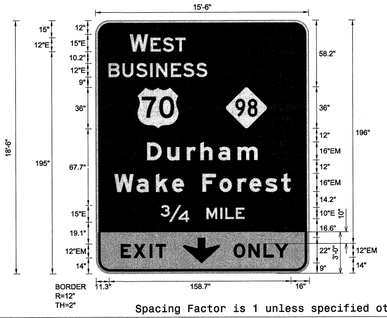
NO. Z BARS: 6
LENGTH: 178.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	36.4	127.8	36	36
M1_5	113.6	127.8	36	36
ARDOWN	76	9	32	22

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



USE NOTES

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.
4. Bottom panel shall be yellow Grade C sheeting on background with black recessed border. RADII:10″ THICKNESS:2″ RECESS:2″

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																						Series/Size Text Length
	W		E	S	T																	E 2000
30	15.9	2.2	10.7	11	9	107.2																48.8
	B	U	S	I	N	E	S	S														E 2000
11.3	12.1	12.1	12.1	5.3	12.8	10.7	11.4	9.7	88.4													86.3
	D	u	r	h	a	m																EM 2000
44.7	17.8	17	11.8	15.5	17	17.6	44.7															96.6
	W	a	k	e		F	o	r	e	s	t											EM 2000
16	19.4	17	14.1	10.6	16	14.7	15.8	10.4	13.8	13.9	8.3	16										153.9
	3/4		M	I	L	E																E 2000
56.5	25	15	12	4.4	9.2	7.5	56.5															73.1
	E	X	I	T																		EM 2000
21.5	11.2	14	5.4	8.9	125																	39.5
	O	N	L	Y																		EM 2000
120	13	13.1	9.6	12.1	18.2																	47.8

SIGN NUMBER: 30A
TYPE: A
QUANTITY: 1

SIGN WIDTH: 156″
HEIGHT: 30″
TOTAL AREA: 32.5 Sq.Ft.

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

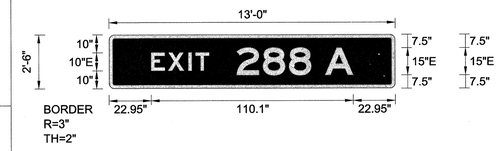
NO. Z BARS: 2
LENGTH: 148.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Apr 07, 2013



USE NOTES

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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																						Series/Size Text Length
	E	X	I	T																		E 2000
23	9.2	11.1	3.8	7.5	101.4																	31.6
	2	8	8		A																	E 2000
69.6	14.2	14.2	12.2	7.5	15.3	23																63.5

SIGN NUMBER: 30B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 174″
HEIGHT: 48″
TOTAL AREA: 58.0 Sq.Ft.

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

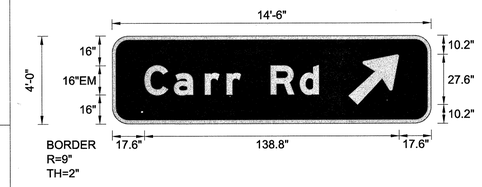
NO. Z BARS: 2
LENGTH: 166.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type A	128.8	10.2	22.3	35

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



USE NOTES

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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																						Series/Size Text Length
	C	a	r	r		R	d															EM 2000
17.6	16	17	11.8	8	16	15.8	10.6	61.2														95.2

SIGN NUMBER: 31
TYPE: R3-5R
QUANTITY: 1

SIGN WIDTH: 48″
HEIGHT: 60″
TOTAL AREA: 20.0 Sq.Ft.

BORDER TYPE: RECESSED
RADII: 3″
WIDTH: 1.25″
RECESS: 0.75″

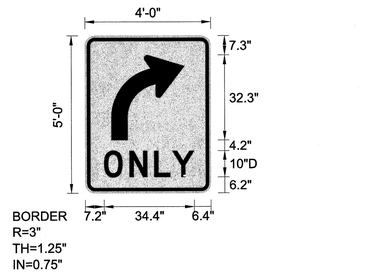
NO. Z BARS: 2
LENGTH: 40.0

BACKG COLOR: White
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
R3_5A	10	20.4	27.9	32.3

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



USE NOTES

1. Legend and border shall be direct applied black non-reflective 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
	O	N	L	Y																		D
7.2	9.7	9.4	6.8	8.4	6.4																	34.4

SIGN DESIGNS
(TYPE 'A' & 'B' OVERHEAD SIGNS)

$$$$$$$$SYSTIME$$$$$$
$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$
$$$$$USERNAME$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5H

APPROVED: _____

DATE: 12/14/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

Stantec

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SIGN NUMBER: 32A,33A
TYPE: A
QUANTITY: 2

SIGN WIDTH: 156″
HEIGHT: 30″
TOTAL AREA: 32.5 Sq.Ft.

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

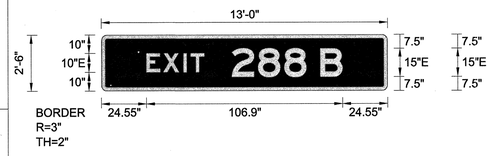
NO. Z BARS: 2
LENGTH: 148.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Apr 07, 2013



USE NOTES

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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																										Series/Size Text Length
	E	X	I	T																						E 2000
24.5	9.2	11.1	3.8	7.5	99.8																					31.6
	2	8	8		B																					E 2000
71.2	14.2	14.2	12.2	7.5	12.2	24.5																				60.3

SIGN NUMBER: 33B,42B
TYPE: A
QUANTITY: 2

SIGN WIDTH: 222″
HEIGHT: 30″
TOTAL AREA: 46.3 Sq.Ft.

BORDER TYPE: RECESSED
RADII: 3″
WIDTH: 1.25″
RECESS: 0.75″

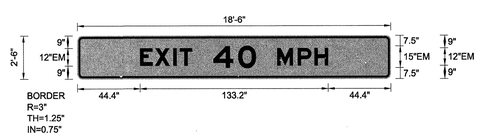
NO. Z BARS: 2
LENGTH: 214.0

BACKG COLOR: Yellow
COPY COLOR: Black

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



USE NOTES

1. Legend and border shall be direct applied black non-reflective 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	X	I	T		4	0		M	P	H															EM 2000
44.4	10.6	13	4.6	8.9	15	17.5	12.6	15	14.5	11.9	9.7	44.4														133.2

SIGN NUMBER: 34
TYPE: A
QUANTITY: 1

SIGN WIDTH: 276″
HEIGHT: 180″
TOTAL AREA: 345.0 Sq.Ft.

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

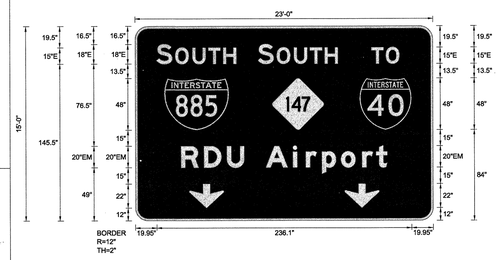
NO. Z BARS: 6
LENGTH: 268.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	27	84	60	48
M1_5	127	84	48	48
M1_1	208.1	84	48	48
ARDOWN	50	12	32	22
ARDOWN	194	12	32	22

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



USE NOTES

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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																										Series/Size Text Length
	S		O	U	T	H																				E 2000
19.9	14.6	2.8	16.1	14.7	13.8	12.2	182																			74.1
	S		O	U	T	H																				E 2000
114	14.6	2.8	16.1	14.7	13.8	12.2	87.9																			74
	T	O																								E 2000
219.1	13.4	12.6	31																							26
	R		D		U		A	i	r	p	o	r	t													EM 2000
42.5	16.2	5	16.2	5	16.2	20	25	12	14.8	17.6	19.8	12.8	10.4	42.5												191

SIGN NUMBER: 35A,37A,39A,41A
TYPE: B
QUANTITY: 4

SIGN WIDTH: 114″
HEIGHT: 30″
TOTAL AREA: 23.8 Sq.Ft.

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

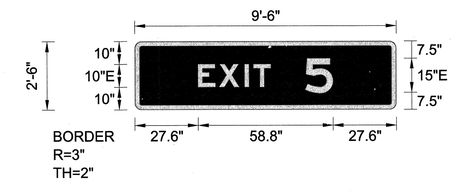
NO. Z BARS: 2
LENGTH: 106.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



USE NOTES

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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																										Series/Size Text Length
	E	X	I	T																						E 2000
27.6	9.2	11.1	3.8	7.5	54.8																					31.6
	5																									E 2000
74.2	12.2	27.6																								12.2

SIGN DESIGNS
(TYPE 'A' & 'B' OVERHEAD SIGNS)

$$$$$$$SYSTIME$$$$$$
$$$$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5I

APPROVED: _____

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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SIGN NUMBER: 35B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 222″
HEIGHT: 198″
TOTAL AREA: 305.3 Sq.Ft.

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

NO. Z BARS: 6
LENGTH: 214.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_5	40.9	135.3	48	48
ARDOWN	23	9	32	22
ARDOWN	167	9	32	22

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

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.
4. Bottom panel shall be yellow Grade C sheeting on background with black recessed border. RADII:10″ THICKNESS:2″ RECESS:2″

LETTER POSITIONS

Letter spacings are to start of next letter

																									Series/Size Text Length
	N		O	R	T	H																			E 2000
106.9	14.6	3.8	16.1	13.8	13.8	12.2	40.9																		74.2
	D	u	r	h	a	m																			EM 2000
50.6	22.2	21.2	14.8	19.4	21.2	22	50.6																		120.8
	D	O	W	N	T	O	W	N																	E 2000
62.3	12.1	11.8	14.8	11.8	10.7	11.8	14.8	9.7	62.3																97.3
	1/4		M	I	L	E																			E 2000
69	26.4	18	14.4	5.3	11	9	69																		84.1
	E	X	I	T		O	N	L	Y																EM 2000
63.6	10.6	13	4.6	8.9	10	13	13.1	9.6	12.1	63.6															94.7

SIGN NUMBER: 36
TYPE: A
QUANTITY: 1

SIGN WIDTH: 276″
HEIGHT: 186″
TOTAL AREA: 356.5 Sq.Ft.

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

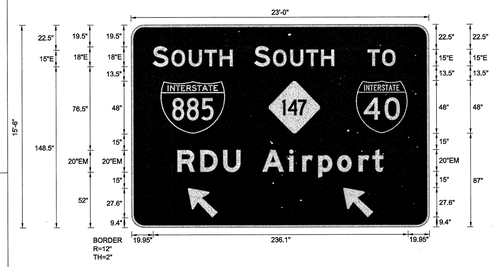
NO. Z BARS: 6
LENGTH: 268.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	27	87	60	48
M1_5	127	87	48	48
M1_1	208.1	87	48	48
AR_Type A	52.2	9.4	22.3	35
AR_Type A	196.2	9.4	22.3	35

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

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
	S		O	U	T	H																			E 2000
19.9	14.6	2.8	16.1	14.7	13.8	12.2	182																		74.1
	S		O	U	T	H																			E 2000
114	14.6	2.8	16	14.7	13.8	12.2	87.9																		74
	T	O																							E 2000
219.1	13.4	12.6	31																						26
	R		D		U		A	i	r	p	o	r	t												EM 2000
42.5	16.2	5	16.2	5	16.2	20	25	12	14.8	17.6	19.8	12.8	10.4	42.5											191

SIGN NUMBER: 37B,41B
TYPE: A
QUANTITY: 2

SIGN WIDTH: 222″
HEIGHT: 30″
TOTAL AREA: 46.3 Sq.Ft.

BORDER TYPE: RECESSED
RADII: 3″
WIDTH: 1.25″
RECESS: 0.75″

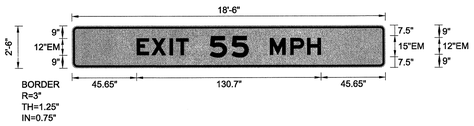
NO. Z BARS: 2
LENGTH: 214.0

BACKG COLOR: Yellow
COPY COLOR: Black

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.

LETTER POSITIONS

Letter spacings are to start of next letter

																									Series/Size Text Length
	E	X	I	T		5	5		M	P	H														EM 2000
45.7	10.6	13	4.6	8.9	15	15.4	12.2	15	14.5	11.9	9.7	45.7													130.7

SIGN NUMBER: 37C
TYPE: A
QUANTITY: 1

SIGN WIDTH: 222″
HEIGHT: 168″
TOTAL AREA: 259.0 Sq.Ft.

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

NO. Z BARS: 4
LENGTH: 214.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_5	40.9	107	48	48

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																									Series/Size Text Length
	N		O	R	T	H																			E 2000
106.9	14.6	3.8	16.1	13.8	13.8	12.2	40.9																		74.2
	D	u	r	h	a	m																			EM 2000
50.6	22.2	21.2	14.8	19.4	21.2	22	50.6																		120.8
	D	O	W	N	T	O	W	N																	E 2000
62.3	12.1	11.8	14.8	11.8	10.7	11.8	14.8	9.7	62.3																97.3

SIGN DESIGNS
(TYPE 'A' & 'B' OVERHEAD SIGNS)

$$$$$$$$SYSTIME$$$$$$
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$
$$$$USERNAME$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5J

APPROVED: B.L.Watson

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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www.stantec.com
License No. F-0672

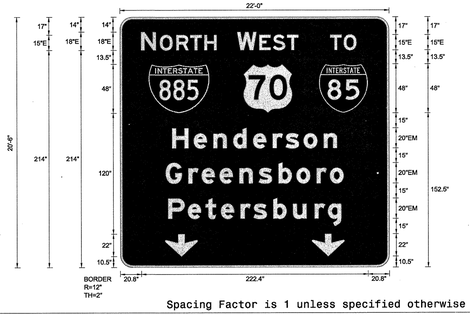
SIGN NUMBER: 38
TYPE: A
QUANTITY: 1
SIGN WIDTH: 264″
HEIGHT: 246″
TOTAL AREA: 451.0 Sq.Ft.
BORDER TYPE: FLUSH
RADII: 12″
WIDTH: 2″
RECESS: 0″
NO. Z BARS: 6
LENGTH: 256.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	27.9	152.5	60	48
M1_4	121.1	152.5	48	48
M1_1	195.2	152.5	48	48
ARDOWN	44	10.5	32	22
ARDOWN	188	10.5	32	22

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

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
	N		O	R	T	H																			E 2000
20.8	14.6	3.9	16.1	13.8	13.8	12.2	168.9																		74.3
	W		E	S	T																				E 2000
115.1	19.1	2.7	13.3	13.8	11.3	88.8																			60.2
	T	O																							E 2000
206.2	13.4	12.6	31.8																						26
	H	e	n	d	e	r	s	o	n																EM 2000
51	21.2	19.4	19.4	19.4	19.4	12.6	17.6	19.8	13.2	51															162
	G	r	e	e	n	s	b	o	r	o															EM 2000
44.7	22.2	13	17.6	19.4	19	19.4	17.6	19.8	13	13.6	44.7														174.6
	P	e	t	e	r	s	b	u	r	g															EM 2000
47.1	19.2	17.4	15	19.4	12.6	19.4	19.4	21.2	13	13.2	47.1														169.8

SIGN NUMBER: 39B
TYPE: A
QUANTITY: 1
SIGN WIDTH: 222″
HEIGHT: 180″
TOTAL AREA: 277.5 Sq.Ft.
BORDER TYPE: FLUSH
RADII: 12″
WIDTH: 2″
RECESS: 0″
NO. Z BARS: 6
LENGTH: 214.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	49.3	114.3	48	48
ARDOWN	23	9	32	22
ARDOWN	167	9	32	22

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

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.
4. Bottom panel shall be yellow Grade C sheeting on background with black recessed border. RADII:10″ THICKNESS:2″ RECESS:2″

LETTER POSITIONS

Letter spacings are to start of next letter

																									Series/Size Text Length
	E		A	S	T																				E 2000
115.3	13.5	1.9	17	13.8	11.3	49.3																			57.4
	R	a	l	e	i	g	h																		EM 2000
50.6	19.8	21.2	10.2	19.4	10.2	21.2	13.2	56.2																	115.2
	1/4		M	I	L	E																			E 2000
66.2	26.4	18	14.4	5.3	11	9	71.8																		84.1
	E	X	I	T		O	N	L	Y																EM 2000
63.6	10.6	13	4.6	8.9	10	13	13.1	9.6	12.1	63.6															94.7

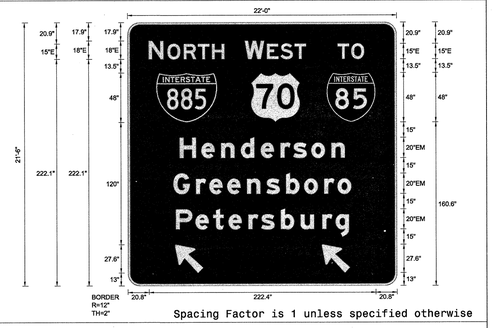
SIGN NUMBER: 40
TYPE: A
QUANTITY: 1
SIGN WIDTH: 264″
HEIGHT: 258″
TOTAL AREA: 473.0 Sq.Ft.
BORDER TYPE: FLUSH
RADII: 12″
WIDTH: 2″
RECESS: 0″
NO. Z BARS: 6
LENGTH: 256.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	27.9	160.6	60	48
M1_4	121.1	160.6	48	48
M1_1	195.2	160.6	48	48
AR_Type A	46.2	13	22.3	35
AR_Type A	190.2	13	22.3	35

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

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
	N		O	R	T	H																			E 2000
20.8	14.6	3.9	16.1	13.8	13.8	12.2	168.9																		74.3
	W		E	S	T																				E 2000
115.1	19.1	2.7	13.4	13.8	11.3	88.8																			60.2
	T	O																							E 2000
206.2	13.3	12.6	31.8																						26
	H	e	n	d	e	r	s	o	n																EM 2000
51	21.2	19.4	19.4	19.4	19.4	12.6	17.6	19.8	13.2	51															162
	G	r	e	e	n	s	b	o	r	o															EM 2000
44.7	22.2	13	17.6	19.4	19	19.4	17.6	19.8	13	13.6	44.7														174.6
	P	e	t	e	r	s	b	u	r	g															EM 2000
47.1	19.2	17.4	15	19.4	12.6	19.4	19.4	21.2	13	13.2	47.1														169.8

SIGN NUMBER: 41C
TYPE: A
QUANTITY: 1
SIGN WIDTH: 222″
HEIGHT: 150″
TOTAL AREA: 231.3 Sq.Ft.
BORDER TYPE: FLUSH
RADII: 12″
WIDTH: 2″
RECESS: 0″
NO. Z BARS: 4
LENGTH: 214.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	49.3	86	48	48
AR_Type A	25.2	6.2	22.3	35
AR_Type A	169.2	6.2	22.3	35

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

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.
4. Bottom panel shall be yellow Grade C sheeting on background with black recessed border. RADII:10″ THICKNESS:2″ RECESS:2″

LETTER POSITIONS

Letter spacings are to start of next letter

																									Series/Size Text Length
	E		A	S	T																				E 2000
115.3	13.5	1.9	17	13.8	11.3	49.3																			57.4
	R	a	l	e	i	g	h																		EM 2000
50.6	19.8	21.2	10.2	19.4	10.2	21.2	13.2	56.2																	115.2
	E	X	I	T		O	N	L	Y																EM 2000
63.6	10.6	13	4.6	8.9	10	13	13.1	9.6	12.1	63.6															94.7

SIGN DESIGNS
(TYPE 'A' & 'B' OVERHEAD SIGNS)

$$$$$$$SYSTIME$$$$$$
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$$$$$$$$$$$$$$$$$USERNAME$$$$$$
$$$$$$USERNAME$$$$

SIGN NUMBER: 42A,45A,47A
TYPE: B
QUANTITY: 3

SIGN WIDTH: 114″
HEIGHT: 30″
TOTAL AREA: 23.8 Sq.Ft.

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

NO. Z BARS: 2
LENGTH: 106.0

BACKG COLOR: Green
COPY COLOR: White

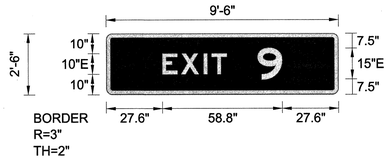
SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

USE NOTES

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.

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Apr 08, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	E	X	I	T				Series/Size Text Length
27.6	9.2	11.1	3.8	7.5	54.8			E 2000 31.6
	9							E 2000
74.2	12.2	27.6						12.2

SIGN NUMBER: 43A,48A,50A
TYPE: B
QUANTITY: 3

SIGN WIDTH: 114″
HEIGHT: 30″
TOTAL AREA: 23.8 Sq.Ft.

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

NO. Z BARS: 2
LENGTH: 106.0

BACKG COLOR: Green
COPY COLOR: White

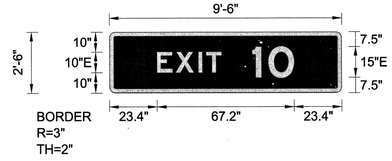
SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

USE NOTES

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.

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Apr 08, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	E	X	I	T				Series/Size Text Length
23.4	9.2	11.1	3.8	7.5	59			E 2000 31.6
	1	0						E 2000
70	7.9	12.6	23.4					20.6

SIGN NUMBER: 43B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 174″
HEIGHT: 102″
TOTAL AREA: 123.3 Sq.Ft.

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

NO. Z BARS: 3
LENGTH: 166.0

BACKG COLOR: Green
COPY COLOR: White

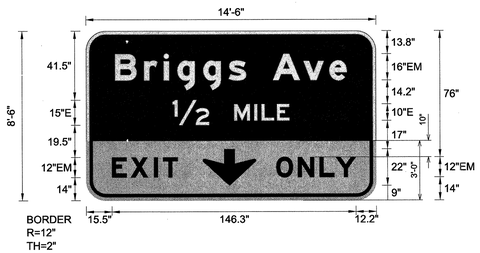
SYMBOL	X	Y	WID	HT
ARDOWN	70	9	32	22

MAT'L: 0.125″ (3.2MM) ALUMINUM

USE NOTES

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.
4. Bottom panel shall be yellow Grade C sheeting on background with black recessed border. RADII:10″ THICKNESS:2″ RECESS:2″

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Apr 08, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	B	r	i	g	g	s		A	v	e				Series/Size Text Length
17.5	17.4	11.8	8.2	15.5	15.2	10.6	16	18.2	15.5	10.6	17.5			EM 2000 139
	1/2		M	I	L	E								E 2000
52	22	15	12	4.4	9.2	7.5	52							70.1
	E	X	I	T										EM 2000
15.5	11.2	14	5.4	8.9	119									39.5
	O	N	L	Y										EM 2000
114	13	13.1	9.6	12.1	12.2									47.8

SIGN NUMBER: 45B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 216″
HEIGHT: 210″
TOTAL AREA: 315.0 Sq.Ft.

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

NO. Z BARS: 6
LENGTH: 208.0

BACKG COLOR: Green
COPY COLOR: White

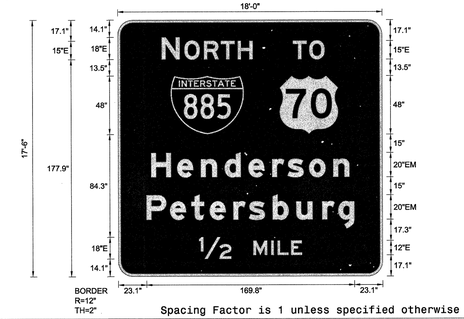
SYMBOL	X	Y	WID	HT
M1_1	43.1	116.4	60	48
M1_4	132.1	116.4	48	48

MAT'L: 0.125″ (3.2MM) ALUMINUM

USE NOTES

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.

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	N		O	R	T	H														Series/Size Text Length
35.9	14.6	3.9	16.1	13.8	13.8	12.2	105.8													E 2000 74.3
	T	O																		E 2000
143.1	13.3	12.6	47																	26
	H	e	n	d	e	r	s	o	n											EM 2000
27	21.2	19.4	19.4	19.4	19.4	12.6	17.6	19.8	13.2	27										162
	P	e	t	e	r	s	b	u	r	g										EM 2000
23.1	19.2	17.4	15	19.4	12.6	19.4	19.4	21.2	13	13.2	23.1									169.8
	1/2		M	I	L	E														E 2000
66	26.4	18	14.4	5.3	11	9	66													84.1

TIP NO.	SHEET NO.
U-0071	SIGN-5K

APPROVED: [signature]
DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

Stantec
Stantec Consulting Services Inc.
801 Jones Franklin Road
Suite 300
Raleigh, NC 27606
Tel. (919) 851-6866
Fax. (919) 851-7024
www.stantec.com
License No. F-0672

SIGN DESIGNS
(TYPE 'A' & 'B' OVERHEAD SIGNS)

$$$$$$$$SYSTIME$$$$$$
$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$$$$$USERNAME$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5L

APPROVED: _____

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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www.stantec.com
License No. F-0672

SIGN NUMBER: 46A
TYPE: B
QUANTITY: 1

SIGN WIDTH: 138″
HEIGHT: 30″
TOTAL AREA: 28.8 Sq.Ft.

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

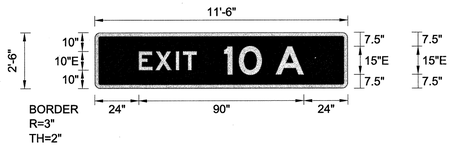
NO. Z BARS: 2
LENGTH: 130.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Nov 14, 2013



USE NOTES

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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

| | | | |

TIP NO.	SHEET NO.
U-0071	SIGN-5M

APPROVED: _____

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

Stantec Consulting Services Inc.
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www.stantec.com
License No. F-0672

SIGN NUMBER: 49B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 174″
HEIGHT: 114″
TOTAL AREA: 137.8 Sq.Ft.

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

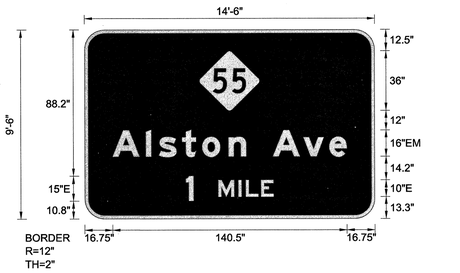
NO. Z BARS: 3
LENGTH: 166.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1-5	69	65.5	36	36

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Apr 08, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

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
	A	l	s	t	o	n		A	v	e			EM 2000
16.8	20	7.8	13.9	12	15.8	10.6	16	18.2	15.5	10.6	16.8		140.5
	1		M	I	L	E							E 2000
60.7	4.5	15	12	4.4	9.2	7.5	60.7						52.6

SIGN NUMBER: 50B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 174″
HEIGHT: 78″
TOTAL AREA: 94.3 Sq.Ft.

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

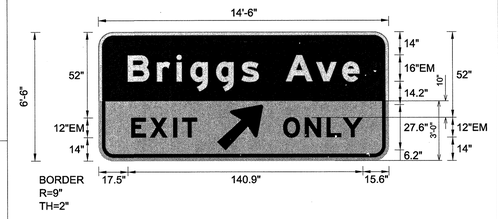
NO. Z BARS: 2
LENGTH: 166.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type A	71	6.2	22.3	35

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Apr 08, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

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.
4. Bottom panel shall be yellow Grade C sheeting on background with black recessed border. RADII:7″ THICKNESS:2″ RECESS:2″

LETTER POSITIONS

Letter spacings are to start of next letter

													Series/Size Text Length
	B	r	i	g	g	s		A	v	e			EM 2000
17.5	17.4	11.8	8.2	15.5	15.2	10.6	16	18.2	15.5	10.6	17.5		139
	E	X	I	T									EM 2000
19.5	11.2	14	5.4	8.9	115								39.5
	O	N	L	Y									EM 2000
110.6	13	13.1	9.6	12.1	15.6								47.8

SIGN NUMBER: 51
TYPE: A
QUANTITY: 1

SIGN WIDTH: 126″
HEIGHT: 126″
TOTAL AREA: 110.3 Sq.Ft.

BORDER TYPE: RECESSED
RADII: 12″
WIDTH: 2″
RECESS: 0.75″

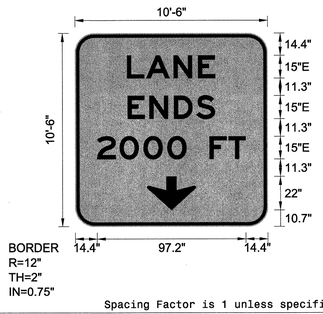
NO. Z BARS: 3
LENGTH: 118.0

BACKG COLOR: Yellow
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
ARDOWN	47	10.8	32	22

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.

LETTER POSITIONS

Letter spacings are to start of next letter

													Series/Size Text Length
	L	A	N	E									E 2000
34.2	12.4	17.9	16.1	11.3	34.2								57.6
	E	N	D	S									E 2000
34.4	14.3	16.1	14.7	12.2	34.4								57.2
	2	0	0	0		F	T						E 2000
14.4	14.7	15.6	15.6	12.6	15	12.4	11.3	14.4					97.2

SIGN NUMBER: 52A,53A,57A
TYPE: B
QUANTITY: 3

SIGN WIDTH: 114″
HEIGHT: 54″
TOTAL AREA: 42.8 Sq.Ft.

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

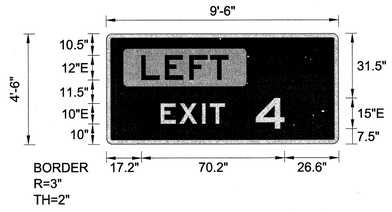
NO. Z BARS: 2
LENGTH: 106.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 15, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

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. Yellow panel shall be Grade C sheeting with direct applied black non-reflective sheeting for legend. RADII:1.88″

LETTER POSITIONS

Letter spacings are to start of next letter

													Series/Size Text Length
	L	E	F	T									E 2000
17.2	11.6	12	10.2	9	54.1								42.8
	E	X	I	T									E 2000
26.6	9.2	11.1	3.8	7.5	55.7								31.6
	4												E 2000
73.3	14.1	26.6											14.1

SIGN DESIGNS
(TYPE 'A' & 'B' OVERHEAD SIGNS)

$$$$$$$SYSTIME$$$$$$
$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5N

APPROVED: _____

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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www.stantec.com
License No. F-0672

SIGN NUMBER: 52B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 222″
HEIGHT: 168″
TOTAL AREA: 259.0 Sq.Ft.

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

NO. Z BARS: 4
LENGTH: 214.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_5	40.9	105	48	48
ARDOWN	23	9	32	22
ARDOWN	167	9	32	22

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 15, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

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.
4. Bottom panel shall be yellow Grade C sheeting on background with black recessed border. RADII:10″ THICKNESS:2″ RECESS:2″

LETTER POSITIONS

Letter spacings are to start of next letter

																						Series/Size Text Length
	N		O	R	T	H																E 2000
106.9	14.6	3.8	16	13.8	13.8	12.2	40.9															74.2
	D	u	r	h	a	m																EM 2000
50.6	22.2	21.2	14.8	19.4	21.2	22	50.6															120.8
	D	O	W	N	T	O	W	N														E 2000
62.3	12.1	11.8	14.8	11.8	10.7	11.8	14.8	9.7	62.3													97.3
	E	X	I	T		O	N	L	Y													EM 2000
63.6	10.6	13	4.6	8.9	10	13	13.1	9.6	12.1	63.6												94.7

SIGN NUMBER: 53B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 222″
HEIGHT: 168″
TOTAL AREA: 259.0 Sq.Ft.

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

NO. Z BARS: 4
LENGTH: 214.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_5	40.9	105	48	48
AR_Type A	25.2	6.2	22.3	35
AR_Type A	169.2	6.2	22.3	35

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 15, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

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.
4. Bottom panel shall be yellow Grade C sheeting on background with black recessed border. RADII:10″ THICKNESS:2″ RECESS:2″

LETTER POSITIONS

Letter spacings are to start of next letter

																						Series/Size Text Length
	N		O	R	T	H																E 2000
106.9	14.6	3.8	16	13.8	13.8	12.2	40.9															74.2
	D	u	r	h	a	m																EM 2000
50.6	22.2	21.2	14.8	19.4	21.2	22	50.6															120.8
	D	O	W	N	T	O	W	N														E 2000
62.3	12.1	11.8	14.8	11.8	10.7	11.8	14.8	9.7	62.3													97.3
	E	X	I	T		O	N	L	Y													EM 2000
63.6	10.6	13	4.6	8.9	10	13	13.1	9.6	12.1	63.6												94.7

SIGN NUMBER: 54
TYPE: A
QUANTITY: 1

SIGN WIDTH: 252″
HEIGHT: 252″
TOTAL AREA: 441.0 Sq.Ft.

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

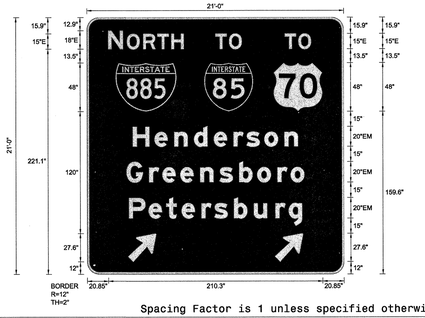
NO. Z BARS: 6
LENGTH: 244.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	28	159.6	60	48
M1_1	115.1	159.6	48	48
M1_4	183.1	159.6	48	48
AR_Type A	40.2	12	22.3	35
AR_Type A	184.2	12	22.3	35

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 15, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

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
	N		O	R	T	H																E 2000
20.9	14.6	3.9	16.1	13.8	13.8	12.2	156.9															74.3
	T	O																				E 2000
126.2	13.4	12.6	99.9																			26
	T	O																				E 2000
194.2	13.4	12.6	31.9																			26
	H	e	n	d	e	r	s	o	n													EM 2000
45	21.2	19.4	19.4	19.4	19.4	12.6	17.6	19.8	13.2	45												162
	G	r	e	e	n	s	b	o	r	o												EM 2000
38.7	22.2	13	17.6	19.4	19	19.4	17.6	19.8	13	13.6	38.7											174.6
	P	e	t	e	r	s	b	u	r	g												EM 2000
41.1	19.2	17.4	15	19.4	12.6	19.4	19.4	21.2	13	13.2	41.1											169.8

SIGN NUMBER: 55A
TYPE: B
QUANTITY: 1

SIGN WIDTH: 114″
HEIGHT: 30″
TOTAL AREA: 23.8 Sq.Ft.

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

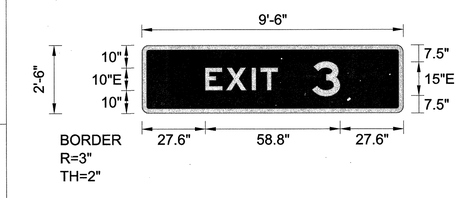
NO. Z BARS: 2
LENGTH: 106.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 15, 2013



Spacing Factor is 1 unless specified otherwise

USE NOTES

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.

LETTER POSITIONS

Letter spacings are to start of next letter

																						Series/Size Text Length
	E	X	I	T																		E 2000
27.6	9.2	11.1	3.8	7.5	54.8																	31.6
	3																					E 2000
74.2	12.2	27.6																				12.2

SIGN DESIGNS
(TYPE 'A' & 'B' OVERHEAD SIGNS)

$$$$$$$SYSTIME$$$$$$
$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$
$$
$$$$$$USERNAME$$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5O

APPROVED: Watson

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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SIGN NUMBER: 55B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 132″
HEIGHT: 66″
TOTAL AREA: 60.5 Sq.Ft.

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

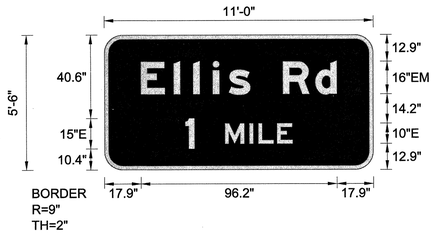
NO. Z BARS: 2
LENGTH: 124.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Apr 08, 2013



USE NOTES

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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																										Series/Size Text Length
	E	l	l	i	s		R	d																		EM 2000
17.9	16.2	9.6	9.6	7.8	10.6	16	15.8	10.6	17.9																	96.2
	1		M	I	L	E																				E 2000
39.7	4.5	15	12	4.4	9.2	7.5	39.7																			52.6

SIGN NUMBER: 56
TYPE: A
QUANTITY: 1

SIGN WIDTH: 120″
HEIGHT: 126″
TOTAL AREA: 105.0 Sq.Ft.

BORDER TYPE: RECESSED
RADII: 12″
WIDTH: 2″
RECESS: 0.75″

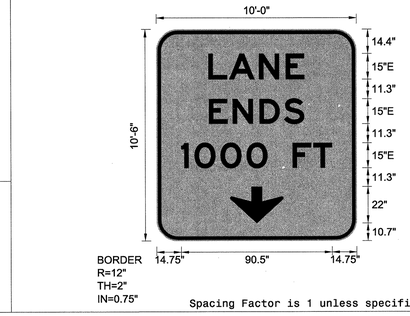
NO. Z BARS: 3
LENGTH: 112.0

BACKG COLOR: Yellow
COPY COLOR: Black

SYMBOL	X	Y	WID	HT
ARDOWN	44	10.8	32	22

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Sep 23, 2013



USE NOTES

1. Legend and border shall be direct applied black non-reflective 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
	L	A	N	E																						E 2000
31.2	12.5	17.9	16.1	11.3	31.2																					57.6
	E	N	D	S																						E 2000
31.4	14.3	16.1	14.7	12.2	31.4																					57.2
	1	0	0	0		F	T																			E 2000
14.8	8	15.6	15.6	12.6	15	12.5	11.3	14.8																		90.5

SIGN NUMBER: 57B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 222″
HEIGHT: 198″
TOTAL AREA: 305.3 Sq.Ft.

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

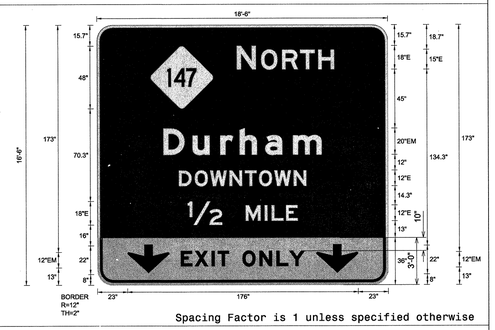
NO. Z BARS: 6
LENGTH: 214.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_5	40.9	134.3	48	48
ARDOWN	23	9	32	22
ARDOWN	167	9	32	22

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 15, 2013



USE NOTES

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.
4. Bottom panel shall be yellow Grade C sheeting on background with black recessed border. RADII:10″ THICKNESS:2″ RECESS:2″

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																										Series/Size Text Length
	N		O	R	T	H																				E 2000
106.9	14.6	3.8	16	13.8	13.8	12.2	40.9																			74.2
	D	u	r	h	a	m																				EM 2000
50.6	22.2	21.2	14.8	19.4	21.2	22	50.6																			120.8
	D	O	W	N	T	O	W	N																		E 2000
62.3	12.1	11.8	14.8	11.8	10.7	11.8	14.8	9.7	62.3																	97.3
	1/2		M	I	L	E																				E 2000
69	26.4	18	14.4	5.3	11	9	69																			84.1
	E	X	I	T		O	N	L	Y																	EM 2000
63.6	10.6	13	4.6	8.9	10	13	13.1	9.6	12.1	63.6																94.7

SIGN NUMBER: 58
TYPE: A
QUANTITY: 1

SIGN WIDTH: 252″
HEIGHT: 246″
TOTAL AREA: 430.5 Sq.Ft.

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

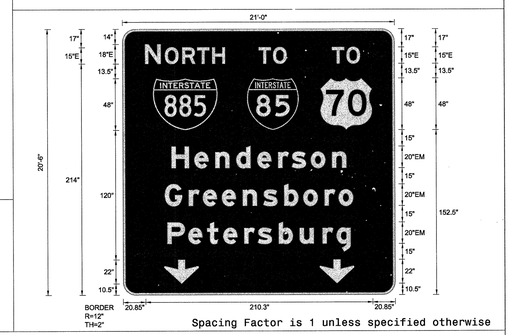
NO. Z BARS: 6
LENGTH: 244.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	28	152.5	60	48
M1_1	115.1	152.5	48	48
M1_4	183.1	152.5	48	48
ARDOWN	38	10.5	32	22
ARDOWN	182	10.5	32	22

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 15, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																										Series/Size Text Length
	N		O	R	T	H																				E 2000
20.9	14.6	3.9	16.1	13.8	13.8	12.2	156.9																			74.3
	T	O																								E 2000
126.2	13.4	12.6	99.9																							26
	T	O																								E 2000
194.2	13.3	12.6	31.9																							26
	H	e	n	d	e	r	s	o	n																	EM 2000
45	21.2	19.4	19.4	19.4	19.4	12.6	17.6	19.8	13.2	45																162
	G	r	e	e	n	s	b	o	r	o																EM 2000
38.7	22.2	13	17.6	19.4	19	19.4	17.6	19.8	13	13.6	38.7															174.6
	P	e	t	e	r	s	b	u	r	g																EM 2000
41.1	19.2	17.4	15	19.4	12.6	19.4	19.4	21.2	13	13.2	41.1															169.8

SIGN DESIGNS
(TYPE 'A' & 'B' OVERHEAD SIGNS)

$$$$$$$$SYSTIME$$$$$$
$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$
$$$$$$$$$$$$$$$$$$USERNAME$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5P

APPROVED: BLWatson

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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SIGN NUMBER: 32B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 432″
HEIGHT: 258″
TOTAL AREA: 774.0 Sq.Ft.

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

NO. Z BARS: 6
LENGTH: 424.0

BACKG COLOR: Green
COPY COLOR: White

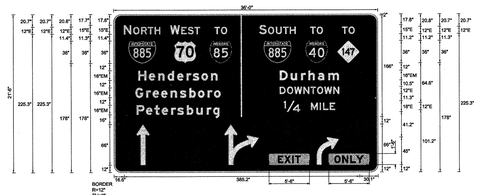
SYMBOL	X	Y	WID	HT
M1_1	24.1	178	45	36
M1_4	98.9	178	36	36
M1_1	157.3	178	36	36
M1_1	245.5	178	45	36
M1_1	313.9	178	36	36
NC243A	365.9	178	36	36
AR_THRU	36.9	12	21	66
AR_THRU_RIGHT	180.9	12	56	66
AR_RIGHT_ONLY	331.5	12	36.2	45

MAT'L: 0.125″ (3.2MM) ALUMINUM

USE NOTES

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.
4. Yellow panel shall be Grade C sheeting with direct applied black non-reflective sheeting for legend. RADII:1.88″

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	N		O	R	T	H																Series/Size Text Length
16.6	12.2	3.1	12.8	11	11	9.7	355.4															E 2000 59.9
	W		E	S	T																	
92.6	15.9	2.2	10.7	11	9	290.7																E 2000 48.8
	T	O																				
165	10.7	10.1	246.3																			E 2000 20.8
	S		O	U	T	H																
238.1	12.2	2.2	12.8	11.8	11	9.7	134.1															E 2000 59.8
	T	O																				
321.5	10.7	10.1	89.8																			E 2000 20.8
	T	O																				
373.5	10.7	10.1	37.8																			E 2000 20.8
	H	e	n	d	e	r	s	o	n													
40.2	17	15.5	15.5	15.5	15.5	10.1	14.1	15.8	10.6	262.2												EM 2000 129.6
	D	u	r	h	a	m																
271.7	17.8	17	11.8	15.5	17	17.6	63.7															EM 2000 96.6
	D	O	W	N	T	O	W	N														
271.3	12.1	11.8	14.8	11.8	10.7	11.8	14.8	9.7	63.4													E 2000 97.3
	G	r	e	e	n	s	b	o	r	o												
35.1	17.8	10.4	14.1	15.5	15.2	15.5	14.1	15.8	10.4	10.9	257.2											EM 2000 139.7
	1/4		M	I	L	E																
277.9	26.4	18	14.4	5.3	11	9	70															E 2000 84.1
	P	e	t	e	r	s	b	u	r	g												
37.1	15.4	13.9	12	15.5	10.1	15.5	15.5	17	10.4	10.6	259.1											EM 2000 135.8

SIGN NUMBER: 33C
TYPE: A
QUANTITY: 1

SIGN WIDTH: 432″
HEIGHT: 258″
TOTAL AREA: 774.0 Sq.Ft.

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

NO. Z BARS: 6
LENGTH: 424.0

BACKG COLOR: Green
COPY COLOR: White

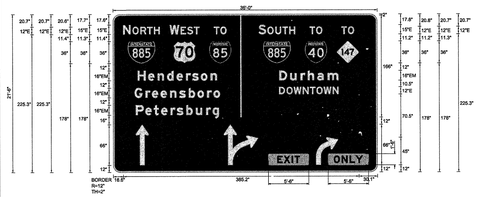
SYMBOL	X	Y	WID	HT
M1_1	24.1	178	45	36
M1_4	98.9	178	36	36
M1_1	157.3	178	36	36
M1_1	245.5	178	45	36
M1_1	313.9	178	36	36
NC243A	365.9	178	36	36
AR_THRU	36.9	12	21	66
AR_THRU_RIGHT	180.9	12	56	66
AR_RIGHT_ONLY	331.5	12	36.2	45

MAT'L: 0.125″ (3.2MM) ALUMINUM

USE NOTES

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.
4. Yellow panel shall be Grade C sheeting with direct applied black non-reflective sheeting for legend. RADII:1.88″

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	N		O	R	T	H																Series/Size Text Length
16.6	12.2	3.1	12.8	11	11	9.7	355.4															E 2000 59.9
	W		E	S	T																	
92.6	15.9	2.2	10.7	11	9	290.7																E 2000 48.8
	T	O																				
165	10.7	10.1	246.3																			E 2000 20.8
	S		O	U	T	H																
238.1	12.2	2.2	12.8	11.8	11	9.7	134.1															E 2000 59.8
	T	O																				
321.5	10.7	10.1	89.8																			E 2000 20.8
	T	O																				
373.5	10.7	10.1	37.8																			E 2000 20.8
	H	e	n	d	e	r	s	o	n													
40.2	17	15.5	15.5	15.5	15.5	10.1	14.1	15.8	10.6	262.2												EM 2000 129.6
	D	u	r	h	a	m																
271.7	17.8	17	11.8	15.5	17	17.6	63.7															EM 2000 96.6
	D	O	W	N	T	O	W	N														
271.3	12.1	11.8	14.8	11.8	10.7	11.8	14.8	9.7	63.4													E 2000 97.3
	G	r	e	e	n	s	b	o	r	o												
35.1	17.8	10.4	14.1	15.5	15.2	15.5	14.1	15.8	10.4	10.9	257.2											EM 2000 139.7
	P	e	t	e	r	s	b	u	r	g												
37.1	15.4	13.9	12	15.5	10.1	15.5	15.5	17	10.4	10.6	259.1											EM 2000 135.8

SIGN DESIGNS
(TYPE 'A' & 'B' OVERHEAD SIGNS)

$$$$$$$SYSTIME$$$$$$
$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5Q

APPROVED: _____

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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SIGN NUMBER: 42C
TYPE: A
QUANTITY: 1

SIGN WIDTH: 438″
HEIGHT: 258″
TOTAL AREA: 784.8 Sq.Ft.

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

NO. Z BARS: 6
LENGTH: 430.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	21.4	178	45	36
NC243A	103.8	178	36	36
M1_1	167.7	178	36	36
M1_1	251.9	178	45	36
M1_1	320.3	178	36	36
M1_4	372.3	178	36	36
AR_THRU	43.7	12	21	66
AR_THRU_RIGHT	187.7	12	56	66
AR_RIGHT_ONLY	338.3	12	36.2	45

MAT'L: 0.125″ (3.2MM) ALUMINUM

USE NOTES

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.
4. Yellow panel shall be Grade C sheeting with direct applied black non-reflective sheeting for legend. RADII:1.88″

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 15, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																										Series/Size Text Length
	S		O	U	T	H																				E 2000
14	12.2	2.2	12.8	11.8	11	9.7	364.3																			59.8
	S		O	U	T	H																				E 2000
92	12.2	2.2	12.8	11.8	11	9.7	286.3																			59.8
	T	O																								E 2000
175.3	10.7	10.1	241.9																							20.8
	N		O	R	T	H																				E 2000
244.4	12.2	3.1	12.8	11	11	9.7	133.7																			59.9
	T	O																								E 2000
327.9	10.7	10.1	89.3																							20.8
	T	O																								E 2000
379.9	10.7	10.1	37.3																							20.8
	R		D		U		A	i	r	p	o	r	t													EM 2000
31.3	13	4	13	4	13	16	20	9.6	11.8	14.1	15.8	10.2	8.3	253.9												152.8
	H	e	n	d	e	r	s	o	n																	EM 2000
261.6	17	15.5	15.5	15.5	15.5	10.1	14.1	15.8	10.6	46.8																129.6
	R	a	l	e	i	g	h																			EM 2000
63.9	15.8	17	8.2	15.5	8.2	17	10.6	282																		92.2
	G	r	e	e	n	s	b	o	r	o																EM 2000
256.5	17.8	10.4	14.1	15.5	15.2	15.5	14.1	15.8	10.4	10.9	41.8															139.7
	P	e	t	e	r	s	b	u	r	g																EM 2000
258.4	15.4	13.9	12	15.5	10.1	15.5	15.5	17	10.4	10.6	43.7															135.8
	E	X	I	T																						EM 2000
274.8	10.6	13	4.6	8.9	126.2																					37
	O	N	L	Y																						EM 2000
367.1	13	13.1	9.6	12.1	23.1																					47.8

SIGN NUMBER: 47B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 474″
HEIGHT: 282″
TOTAL AREA: 928.3 Sq.Ft.

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

NO. Z BARS: 6
LENGTH: 466.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_1	21.9	204.7	45	36
NC243A	104.3	204.7	36	36
M1_1	168.2	204.7	36	36
M1_1	270.8	204.7	45	36
M1_1	339.3	204.7	36	36
M1_4	391.3	204.7	36	36
AR_THRU	45.6	12	21	66
AR_THRU_RIGHT	189.6	12	56	66
AR_RIGHT_ONLY	376.3	12	36.2	45

MAT'L: 0.125″ (3.2MM) ALUMINUM

USE NOTES

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.
4. Yellow panel shall be Grade C sheeting with direct applied black non-reflective sheeting for legend. RADII:1.88″

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Nov 21, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																										Series/Size Text Length
	S		O	U	T	H																				E 2000
14.5	12.2	2.2	12.8	11.8	11	9.7	399.8																			59.8
	S		O	U	T	H																				E 2000
92.5	12.2	2.2	12.8	11.8	11	9.7	321.8																			59.8
	T	O																								E 2000
175.8	10.7	10.1	277.4																							20.8
	N		O	R	T	H																				E 2000
263.4	12.2	3.1	12.8	11	11	9.7	150.7																			59.9
	T	O																								E 2000
346.9	10.7	10.1	106.3																							20.8
	T	O																								E 2000
398.9	10.7	10.1	54.3																							20.8
	R		D		U		A	i	r	p	o	r	t													EM 2000
31.8	13	4	13	4	13	16	20	9.6	11.8	14.1	15.8	10.2	8.3	289.4												152.8
	H	e	n	d	e	r	s	o	n																	EM 2000
280.5	17	15.5	15.5	15.5	15.5	10.1	14.1	15.8	10.6	63.9																129.6
	R	a	l	e	i	g	h																			EM 2000
64.4	15.8	17	8.2	15.5	8.2	17	10.6	317.5																		92.2
	G	r	e	e	n	s	b	o	r	o																EM 2000
275.5	17.8	10.4	14.1	15.5	15.2	15.5	14.1	15.8	10.4	10.9	58.8															139.7
	P	e	t	e	r	s	b	u	r	g																EM 2000
277.4	15.4	13.9	12	15.5	10.1	15.5	15.5	17	10.4	10.6	60.7															135.8
	1/4		M	I	L	E																				E 2000
303.3	26.4	18	14.4	5.3	11	9	86.6																			84.1
	E	X	I	T																						EM 2000
312.8	10.6	13	4.6	8.9	124.2																					37
	O	N	L	Y																						EM 2000
405.1	13	13.1	9.6	12.1	21.1																					47.8

SIGN DESIGNS
(TYPE 'A' & 'B' OVERHEAD SIGNS)

$$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$
$$$$$$$USERNAME$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5R

APPROVED: _____

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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www.stantec.com
License No. F-0672

SIGN NUMBER: 101
TYPE: A
QUANTITY: 1

SIGN WIDTH: 198″
HEIGHT: 120″
TOTAL AREA: 165.0 Sq.Ft.

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

NO. Z BARS: 3
LENGTH: 190.0

BACKG COLOR: Green/Brown
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

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.

LETTER POSITIONS

Letter spacings are to start of next letter

																								Series/Size Text Length
	T	O		C	a	r	r		R	d														E 2000,EM 2000
44.1	8.9	8.4	13.3	13.3	14.1	9.8	6.6	13.3	13.2	8.8	44.1													109.7
	F	a	l	l	s		L	a	k	e														EM 2000
44.5	12.2	14.1	8	6.5	8.8	13.3	11.6	14.1	11.7	8.8	44.5													109.1
	R	e	c	r	e	a	t	i	o	n		A	r	e	a									EM 2000
14.1	13.2	11.7	12.9	8.6	11.7	12.8	11.2	6.8	13.2	8.8	13.3	16.6	8.6	11.7	8.8	14.1								169.8
	E	X	I	T		6		B																E 2000
60.3	8.9	10.7	3.5	7.5	15	12.2	7.5	12.2	60.3															77.4

SIGN NUMBER: 102
TYPE: A
QUANTITY: 1

SIGN WIDTH: 114″
HEIGHT: 60″
TOTAL AREA: 47.5 Sq.Ft.

BORDER TYPE: FLUSH
RADII: 6″
WIDTH: 1″
RECESS: 0″

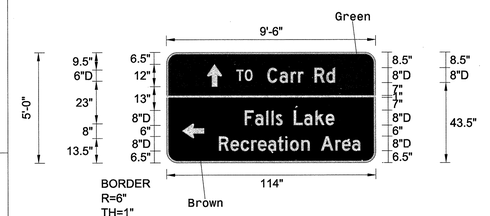
NO. Z BARS: 2
LENGTH: 106.0

BACKG COLOR: Green/Brown
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	22.2	41.5	8	12
AR_Type D	8.4	13.5	8	12

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Apr 08, 2013



Spacing Factor is 1 unless specified otherwise

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.

LETTER POSITIONS

Letter spacings are to start of next letter

																								Series/Size Text Length
	T	O		C	a	r	r		R	d														D 2000
38.2	4.5	4.3	8	6.6	6.1	4	3	6	6.3	4.8	22.2													53.6
	F	a	l	l	s		L	a	k	e														D 2000
42.6	5.6	6.1	2.9	2.4	3.8	6	5.6	6.1	5.8	4.7	22.6													48.9
	R	e	c	r	e	a	t	i	o	n		A	r	e	a									D 2000
28.4	6.3	5.5	5.8	3.7	5.4	5.4	4.1	2.6	6.2	4.7	6	7.8	3.7	5.4	4.6	8.4								77.1

SIGN NUMBER: 103
TYPE: B
QUANTITY: 1

SIGN WIDTH: 114″
HEIGHT: 36″
TOTAL AREA: 28.5 Sq.Ft.

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

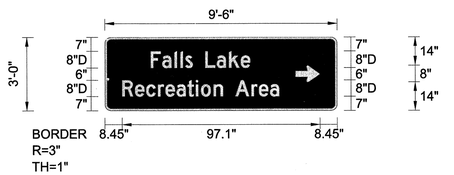
NO. Z BARS: 2
LENGTH: 106.0

BACKG COLOR: Brown
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	93.6	14	8	12

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Apr 08, 2013



Spacing Factor is 1 unless specified otherwise

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.

LETTER POSITIONS

Letter spacings are to start of next letter

																								Series/Size Text Length
	F	a	l	l	s		L	a	k	e														D 2000
22.6	5.6	6.1	2.9	2.4	3.8	6	5.6	6.1	5.8	4.7	42.6													48.9
	R	e	c	r	e	a	t	i	o	n		A	r	e	a									D 2000
8.4	6.3	5.5	5.8	3.7	5.4	5.4	4.1	2.6	6.2	4.7	6	7.8	3.7	5.4	4.6	28.4								77.1

SIGN NUMBER: 104
TYPE: A
QUANTITY: 1

SIGN WIDTH: 198″
HEIGHT: 84″
TOTAL AREA: 115.5 Sq.Ft.

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

NO. Z BARS: 2
LENGTH: 190.0

BACKG COLOR: Brown
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

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.

LETTER POSITIONS

Letter spacings are to start of next letter

																								Series/Size Text Length
	F	a	l	l	s		L	a	k	e														EM 2000
44.5	12.2	14.1	8	6.5	8.8	13.3	11.6	14.1	11.7	8.8	44.5													109.1
	R	e	c	r	e	a	t	i	o	n		A	r	e	a									EM 2000
14.1	13.2	11.7	12.9	8.6	11.7	12.8	11.2	6.8	13.2	8.8	13.3	16.6	8.6	11.7	8.8	14.1								169.8
	E	X	I	T		6																		E 2000
70.1	8.9	10.7	3.5	7.5	15	12.2	70.1																	57.8

SIGN DESIGNS
(TYPE 'A' & 'B' GROUND MOUNTED SIGNS)

$$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5S

APPROVED: _____

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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License No. F-0672

SIGN NUMBER: 105A
TYPE: A
QUANTITY: 1

SIGN WIDTH: 156″
HEIGHT: 30″
TOTAL AREA: 32.5 Sq.Ft.

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

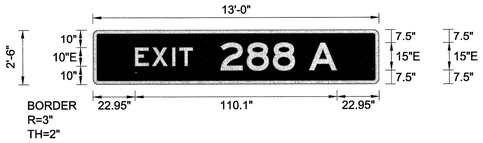
NO. Z BARS: 2
LENGTH: 148.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Apr 07, 2013



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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

							Series/Size Text Length
	E	X	I	T			E 2000
23	9.2	11.1	3.8	7.5	101.4		31.6
	2	8	8		A		E 2000
69.6	14.2	14.2	12.2	7.5	15.3	23	63.5

SIGN NUMBER: 105B
TYPE: A
QUANTITY: 1

SIGN WIDTH: 156″
HEIGHT: 66″
TOTAL AREA: 71.5 Sq.Ft.

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

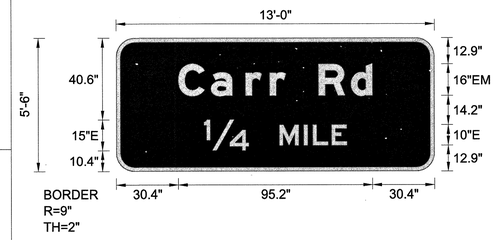
NO. Z BARS: 2
LENGTH: 148.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 02, 2013



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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

										Series/Size Text Length
	C	a	r	r		R	d			EM 2000
30.4	16	17	11.8	8	16	15.8	10.6	30.4		95.2
	1/4		M	I	L	E				E 2000
43	22	15	12	4.4	9.2	7.5	43			70.1

SIGN NUMBER: 106
TYPE: A
QUANTITY: 1

SIGN WIDTH: 222″
HEIGHT: 84″
TOTAL AREA: 129.5 Sq.Ft.

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

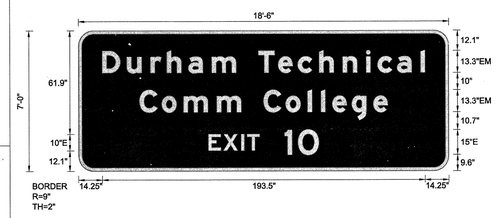
NO. Z BARS: 2
LENGTH: 214.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Sep 21, 2013



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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																					Series/Size Text Length
	D	u	r	h	a	m		T	e	c	h	n	i	c	a	l					EM 2000
14.2	14.8	14.1	9.8	12.9	14.1	14.6	13.3	11.8	11.7	12.9	14.1	14.1	6.8	11.7	14.1	2.7	14.2				193.5
	C	o	m	m		C	o	l	l	e	g	e									EM 2000
36.5	13.3	13.2	20	14.6	13.3	13.3	13.2	8	6.8	11.7	12.9	8.8	36.5								149
	E	X	I	T		1	0														E 2000
77.9	8.9	10.7	3.5	7.5	15	8	12.6	77.9													66.2

SIGN DESIGNS
(TYPE 'A' & 'B' GROUND MOUNTED SIGNS)

$$$$$$$SYSTIME$$$$$
$$$$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5T

APPROVED: _____

DATE: 12/4/13

SEAL

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www.stantec.com
License No. F-0672

SIGN NUMBER: 201,202
TYPE: A
QUANTITY: 2

SIGN WIDTH: 78″
HEIGHT: 60″
TOTAL AREA: 32.5 Sq.Ft.

BORDER TYPE: FLUSH
RADII: 6″
WIDTH: 1.5″
RECESS: 0″

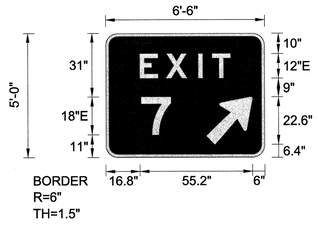
NO. Z BARS: 2
LENGTH: 70.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type A	49.4	6.4	18.3	28.7

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Oct 14, 2013



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
	E	X	I	T			E 2000
16.8	12.8	15.8	6.8	9	16.8		44.4
	7						E 2000
17.4	14.6	46					14.6

SIGN NUMBER: 203
TYPE: A
QUANTITY: 1

SIGN WIDTH: 90″
HEIGHT: 60″
TOTAL AREA: 37.5 Sq.Ft.

BORDER TYPE: FLUSH
RADII: 6″
WIDTH: 1.5″
RECESS: 0″

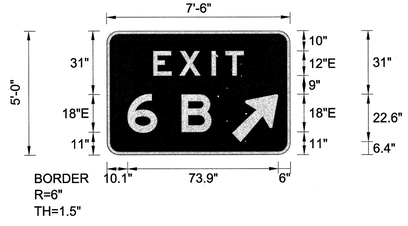
NO. Z BARS: 2
LENGTH: 82.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type A	61.4	6.4	18.3	28.7

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Oct 14, 2013



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
	E	X	I	T			E 2000
22.8	12.8	15.8	6.8	9	22.8		44.4
	6		B				E 2000
10.1	14.6	12	14.6	38.7			41.2

SIGN NUMBER: 204
TYPE: A
QUANTITY: 1

SIGN WIDTH: 78″
HEIGHT: 60″
TOTAL AREA: 32.5 Sq.Ft.

BORDER TYPE: FLUSH
RADII: 6″
WIDTH: 1.5″
RECESS: 0″

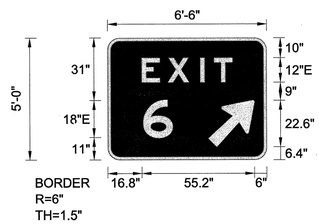
NO. Z BARS: 2
LENGTH: 70.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type A	49.4	6.4	18.3	28.7

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Oct 14, 2013



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
	E	X	I	T			E 2000
16.8	12.8	15.8	6.8	9	16.8		44.4
	6						E 2000
17.4	14.6	46					14.6

SIGN NUMBER: 205
TYPE: A
QUANTITY: 1

SIGN WIDTH: 90″
HEIGHT: 60″
TOTAL AREA: 37.5 Sq.Ft.

BORDER TYPE: FLUSH
RADII: 6″
WIDTH: 1.5″
RECESS: 0″

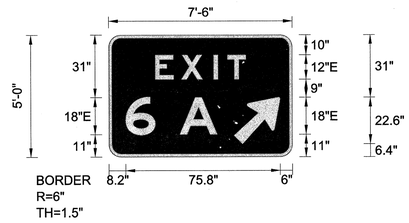
NO. Z BARS: 2
LENGTH: 82.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type A	61.4	6.4	18.3	28.7

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Oct 14, 2013



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
	E	X	I	T			E 2000
22.8	12.8	15.8	6.8	9	22.8		44.4
	6		A				E 2000
8.2	14.6	12	18.4	36.8			44.9

SIGN DESIGNS
(EXIT GORE SIGNS)

$$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$
$$$$$$$$$$$$$$$$$$USERNAME$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5U

APPROVED: _____

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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www.stantec.com
License No. F-0672

SIGN NUMBER: 206,209
TYPE: A
QUANTITY: 2
SIGN WIDTH: 78″
HEIGHT: 60″
TOTAL AREA: 32.5 Sq.Ft.
BORDER TYPE: FLUSH
RADII: 6″
WIDTH: 1.5″
RECESS: 0″
NO. Z BARS: 2
LENGTH: 70.0

BACKG COLOR: Green
COPY COLOR: White

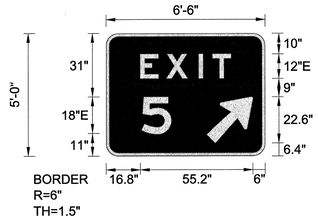
SYMBOL	X	Y	WID	HT
AR_Type A	49.4	6.4	18.3	28.7

MAT'L: 0.125″ (3.2MM) ALUMINUM

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.

DESIGN BY: RRH CHECKED BY: BLW DATE: Oct 14, 2013
PROJECT ID: U-0071 DIV: 5



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																									Series/Size Text Length
	E	X	I	T																					E 2000
16.8	12.8	15.8	6.8	9	16.8																				44.4
	5																								E 2000
17.4	14.6	46																							14.6

SIGN NUMBER: 207
TYPE: A
QUANTITY: 1
SIGN WIDTH: 126″
HEIGHT: 60″
TOTAL AREA: 52.5 Sq.Ft.
BORDER TYPE: FLUSH
RADII: 6″
WIDTH: 1.5″
RECESS: 0″
NO. Z BARS: 2
LENGTH: 118.0

BACKG COLOR: Green
COPY COLOR: White

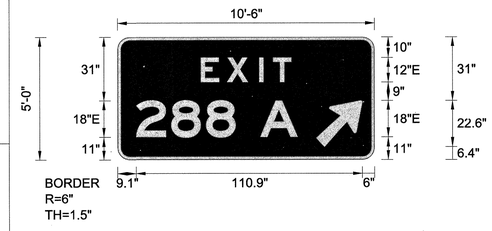
SYMBOL	X	Y	WID	HT
AR_Type A	97.4	6.4	18.3	28.7

MAT'L: 0.125″ (3.2MM) ALUMINUM

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.

DESIGN BY: RRH CHECKED BY: BLW DATE: Apr 08, 2013
PROJECT ID: U-0071 DIV: 5



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																									Series/Size Text Length
	E	X	I	T																					E 2000
40.8	12.8	15.8	6.8	9	40.8																				44.4
	2	8	8		A																				E 2000
9.1	17.1	17.1	14.6	12	18.4	37.7																			79.1

SIGN NUMBER: 208
TYPE: A
QUANTITY: 1
SIGN WIDTH: 126″
HEIGHT: 60″
TOTAL AREA: 52.5 Sq.Ft.
BORDER TYPE: FLUSH
RADII: 6″
WIDTH: 1.5″
RECESS: 0″
NO. Z BARS: 2
LENGTH: 118.0

BACKG COLOR: Green
COPY COLOR: White

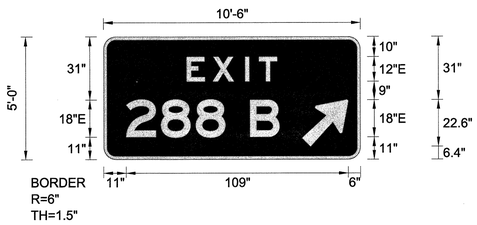
SYMBOL	X	Y	WID	HT
AR_Type A	97.4	6.4	18.3	28.7

MAT'L: 0.125″ (3.2MM) ALUMINUM

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.

DESIGN BY: RRH CHECKED BY: BLW DATE: Apr 08, 2013
PROJECT ID: U-0071 DIV: 5



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																									Series/Size Text Length
	E	X	I	T																					E 2000
40.8	12.8	15.8	6.8	9	40.8																				44.4
	2	8	8		B																				E 2000
11	17.1	17.1	14.6	12	14.6	39.6																			75.4

SIGN NUMBER: 210
TYPE: A
QUANTITY: 1
SIGN WIDTH: 78″
HEIGHT: 60″
TOTAL AREA: 32.5 Sq.Ft.
BORDER TYPE: FLUSH
RADII: 6″
WIDTH: 1.5″
RECESS: 0″
NO. Z BARS: 2
LENGTH: 70.0

BACKG COLOR: Green
COPY COLOR: White

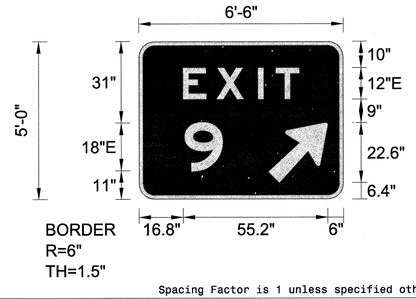
SYMBOL	X	Y	WID	HT
AR_Type A	49.4	6.4	18.3	28.7

MAT'L: 0.125″ (3.2MM) ALUMINUM

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.

DESIGN BY: RRH CHECKED BY: BLW DATE: Apr 08, 2013
PROJECT ID: U-0071 DIV: 5



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																									Series/Size Text Length
	E	X	I	T																					E 2000
16.8	12.8	15.8	6.8	9	16.8																				44.4
	9																								E 2000
17.4	14.6	46																							14.6

SIGN DESIGNS
(EXIT GORE SIGNS)

$$$$$$SYSTIME$$$$$$
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5V

APPROVED: _____

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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Tel. (919) 851-6866
Fax. (919) 851-7024
www.stantec.com
License No. F-0672

SIGN NUMBER: 211
TYPE: A
QUANTITY: 1

SIGN WIDTH: 60″
HEIGHT: 90″
TOTAL AREA: 37.5 Sq.Ft.

BORDER TYPE: FLUSH
RADII: 6″
WIDTH: 1.5″
RECESS: 0″

NO. Z BARS: 3
LENGTH: 52.0

BACKG COLOR: Green
COPY COLOR: White

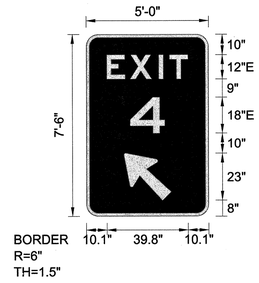
SYMBOL	X	Y	WID	HT
AR_Type A	18.5	8	18.5	29.2

MAT'L: 0.125″ (3.2MM) ALUMINUM

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.

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	E	X	I	T																				Series/Size Text Length
10.1	11.5	14	5.2	9	10.1																			E 2000 39.8
	4																							E 2000
21.5	16.9	21.5																						16.9

SIGN NUMBER: 212
TYPE: A
QUANTITY: 1

SIGN WIDTH: 108″
HEIGHT: 60″
TOTAL AREA: 45.0 Sq.Ft.

BORDER TYPE: FLUSH
RADII: 6″
WIDTH: 1.5″
RECESS: 0″

NO. Z BARS: 2
LENGTH: 100.0

BACKG COLOR: Green
COPY COLOR: White

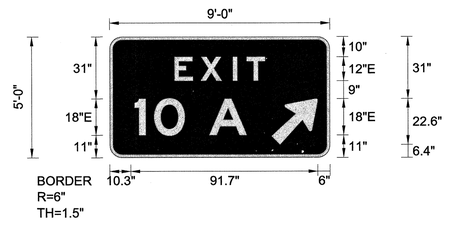
SYMBOL	X	Y	WID	HT
AR_Type A	79.4	6.4	18.3	28.7

MAT'L: 0.125″ (3.2MM) ALUMINUM

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.

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Apr 08, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	E	X	I	T																				Series/Size Text Length
31.8	12.8	15.8	6.8	9	31.8																			E 2000 44.4
	1	0		A																				E 2000
12.2	9.5	15.1	12	18.4	40.8																			55

SIGN NUMBER: 213
TYPE: A
QUANTITY: 1

SIGN WIDTH: 78″
HEIGHT: 60″
TOTAL AREA: 32.5 Sq.Ft.

BORDER TYPE: FLUSH
RADII: 6″
WIDTH: 1.5″
RECESS: 0″

NO. Z BARS: 2
LENGTH: 70.0

BACKG COLOR: Green
COPY COLOR: White

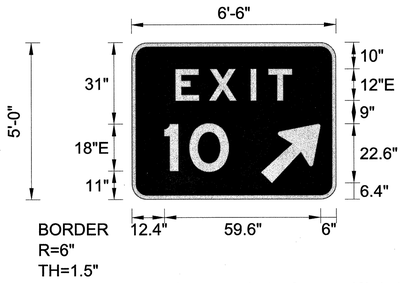
SYMBOL	X	Y	WID	HT
AR_Type A	49.4	6.4	18.3	28.7

MAT'L: 0.125″ (3.2MM) ALUMINUM

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.

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Apr 08, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	E	X	I	T																				Series/Size Text Length
16.8	12.8	15.8	6.8	9	16.8																			E 2000 44.4
	1	0																						E 2000
12.4	9.5	15.1	40.9																					24.7

SIGN DESIGNS
(EXIT GORE SIGNS)

$$$$$$SYSTIME$$$$$$
$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5W

APPROVED: _____

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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www.stantec.com
License No. F-0672

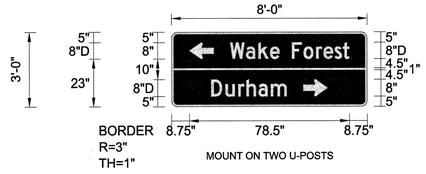
SIGN NUMBER: 301
TYPE: D
QUANTITY: 1
SIGN WIDTH: 96″
HEIGHT: 36″
TOTAL AREA: 24.0 Sq.Ft.
BORDER TYPE: FLUSH
RADII: 3″
WIDTH: 1″
RECESS: 0″
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	8.8	23	8	12
AR_Type D	64.6	5	8	12

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Apr 08, 2013



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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

														Series/Size Text Length
	W	a	k	e		F	o	r	e	s	t			D 2000
28.8	7.8	6.1	5.8	4.7	6	5.7	6.2	3.7	5.4	4.1	3.2	8.8		58.5
	D	u	r	h	a	m								D 2000
19.4	7	6.3	4	5.8	6.1	7.9	39.4							37.1

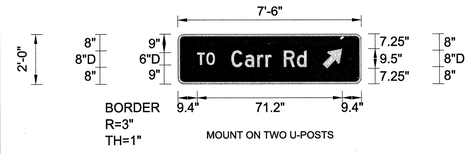
SIGN NUMBER: 302
TYPE: D
QUANTITY: 1
SIGN WIDTH: 90″
HEIGHT: 24″
TOTAL AREA: 15.0 Sq.Ft.
BORDER TYPE: FLUSH
RADII: 3″
WIDTH: 1″
RECESS: 0″
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	71.1	7.2	8	12

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Apr 08, 2013



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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

														Series/Size Text Length
	T	O		C	a	r	r		R	d				D 2000
9.4	4.5	4.3	8	6.6	6.1	4	3	6	6.3	4.8	26.9			53.6

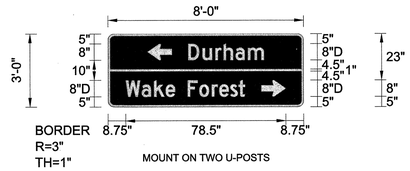
SIGN NUMBER: 303
TYPE: D
QUANTITY: 1
SIGN WIDTH: 96″
HEIGHT: 36″
TOTAL AREA: 24.0 Sq.Ft.
BORDER TYPE: FLUSH
RADII: 3″
WIDTH: 1″
RECESS: 0″
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	19.4	23	8	12
AR_Type D	75.2	5	8	12

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Apr 08, 2013



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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

														Series/Size Text Length
	D	u	r	h	a	m								D 2000
39.4	7	6.3	4	5.8	6.1	7.9	19.4							37.1
	W	a	k	e		F	o	r	e	s	t			D 2000
8.8	7.8	6.1	5.8	4.7	6	5.7	6.2	3.7	5.4	4.1	3.2	28.8		58.5

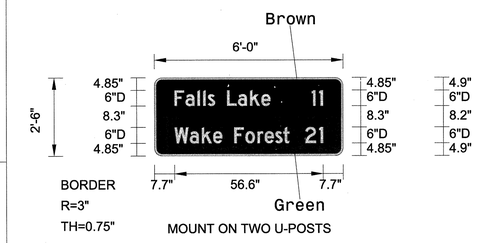
SIGN NUMBER: 304
TYPE: D
QUANTITY: 1
SIGN WIDTH: 72″
HEIGHT: 30″
TOTAL AREA: 15.0 Sq.Ft.
BORDER TYPE: FLUSH
RADII: 3″
WIDTH: 0.75″
RECESS: 0″
NO. Z BARS:
LENGTH:

BACKG COLOR: Brown/Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Apr 08, 2013



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.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

														Series/Size Text Length
	F	a	l	l	s		L	a	k	e				D 2000
7.7	4.2	4.6	2.2	1.8	2.8	4.5	4.2	4.6	4.3	3.5	27.7			36.7
	1	1												D 2000
60	2.8	1.5	7.7											4.3
	W	a	k	e		F	o	r	e	s	t			D 2000
7.7	5.8	4.6	4.3	3.5	4.5	4.3	4.6	2.8	4	3.1	2.4	20.5		43.9
	2	1												D 2000
57.5	5.3	1.5	7.7											6.8

SIGN DESIGNS
(TYPE 'D' SIGNS)

$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$
$$$$$$$$$$$$$$$$$$USERNAME$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5X

APPROVED: BLWatson

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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Fax. (919) 851-7024
www.stantec.com
License No. F-0672

SIGN NUMBER: 305,307,309,310,312 BACKG COLOR: Green
TYPE: D COPY COLOR: White
QUANTITY: 5

SYMBOL	X	Y	WID	HT
AR_Type D	40.3	5.4	6	9

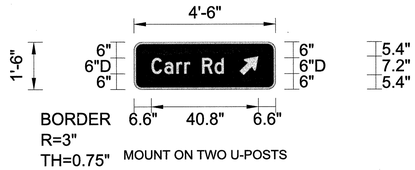
SIGN WIDTH: 54″
HEIGHT: 18″
TOTAL AREA: 6.8 Sq.Ft.

BORDER TYPE: FLUSH
RADII: 3″
WIDTH: 0.75″
RECESS: 0″

NO. Z BARS:
LENGTH:

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Apr 08, 2013



Spacing Factor is 1 unless specified otherwise

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.

LETTER POSITIONS

Letter spacings are to start of next letter

																							Series/Size Text Length
	C	a	r	r		R	d																D 2000
6.6	5	4.6	3	2.3	4.5	4.7	3.6	19.7															27.7

SIGN NUMBER: 306,315 BACKG COLOR: Green
TYPE: D COPY COLOR: White
QUANTITY: 2

SYMBOL	X	Y	WID	HT
AR_Type D	7.1	17.8	6	9
AR_Type D	44.4	4.7	6	9

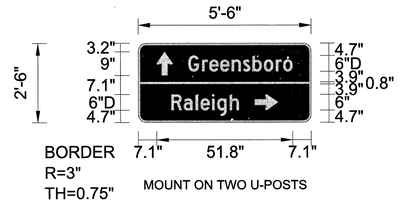
SIGN WIDTH: 66″
HEIGHT: 30″
TOTAL AREA: 13.8 Sq.Ft.

BORDER TYPE: FLUSH
RADII: 3″
WIDTH: 0.75″
RECESS: 0″

NO. Z BARS:
LENGTH:

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Apr 08, 2013



Spacing Factor is 1 unless specified otherwise

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.

LETTER POSITIONS

Letter spacings are to start of next letter

																							Series/Size Text Length
	G	r	e	e	n	s	b	o	r	o													D 2000
19.1	5.3	2.8	4.1	4.4	4.3	3.6	4.3	4.6	2.8	3.7	7.1												39.8
	R	a	l	e	i	g	h																D 2000
12.6	4.7	4.6	1.9	4.4	1.9	4.8	3.5	27.6															25.8

SIGN NUMBER: 308 BACKG COLOR: Green
TYPE: D COPY COLOR: White
QUANTITY: 1

SYMBOL	X	Y	WID	HT
AR_Type D	51.4	6	6	9

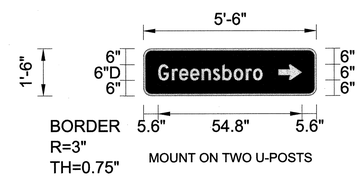
SIGN WIDTH: 66″
HEIGHT: 18″
TOTAL AREA: 8.3 Sq.Ft.

BORDER TYPE: FLUSH
RADII: 3″
WIDTH: 0.75″
RECESS: 0″

NO. Z BARS:
LENGTH:

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Apr 08, 2013



Spacing Factor is 1 unless specified otherwise

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.

LETTER POSITIONS

Letter spacings are to start of next letter

																							Series/Size Text Length
	G	r	e	e	n	s	b	o	r	o													D 2000
5.6	5.3	2.8	4.1	4.4	4.3	3.6	4.3	4.6	2.8	3.7	20.6												39.8

SIGN NUMBER: 311 BACKG COLOR: Green
TYPE: D COPY COLOR: White
QUANTITY: 1

SYMBOL	X	Y	WID	HT
AR_FISHOOK	6.1	3.6	9.9	10.8

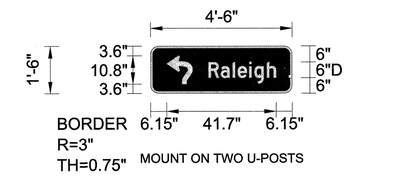
SIGN WIDTH: 54″
HEIGHT: 18″
TOTAL AREA: 6.8 Sq.Ft.

BORDER TYPE: FLUSH
RADII: 3″
WIDTH: 0.75″
RECESS: 0″

NO. Z BARS:
LENGTH:

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Apr 08, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																							Series/Size Text Length
	R	a	l	e	i	g	h																D 2000
22.1	4.7	4.6	1.9	4.4	1.9	4.8	3.5	6.1															25.8

SIGN DESIGNS
(TYPE 'D' SIGNS)

$$$$$$SYSTIME$$$$$$
$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$$$USERNAME$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5Y

APPROVED: _____

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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801 Jones Franklin Road
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Raleigh, NC 27606
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www.stantec.com
License No. F-0672

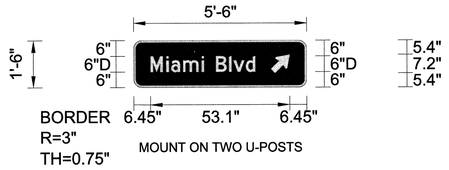
SIGN NUMBER: 313
TYPE: D
QUANTITY: 1
SIGN WIDTH: 66″
HEIGHT: 18″
TOTAL AREA: 8.3 Sq.Ft.
BORDER TYPE: FLUSH
RADII: 3″
WIDTH: 0.75″
RECESS: 0″
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	52.4	5.4	6	9

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

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.

LETTER POSITIONS

Letter spacings are to start of next letter

	M	i	a	m	i		B	l	v	d		Series/Size Text Length
6.4	6	1.9	4.6	7.1	1	4.5	5	1.7	4.7	3.6	19.6	D 2000 40

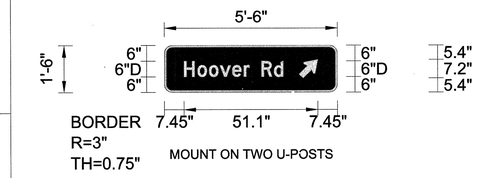
SIGN NUMBER: 314
TYPE: D
QUANTITY: 1
SIGN WIDTH: 66″
HEIGHT: 18″
TOTAL AREA: 8.3 Sq.Ft.
BORDER TYPE: FLUSH
RADII: 3″
WIDTH: 0.75″
RECESS: 0″
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	51.4	5.4	6	9

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Apr 08, 2013



Spacing Factor is 1 unless specified otherwise

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.

LETTER POSITIONS

Letter spacings are to start of next letter

	H	o	o	v	e	r		R	d		Series/Size Text Length
7.5	5.2	4.4	4.1	4.7	4.4	2.3	4.5	4.7	3.6	20.6	D 2000 37.9

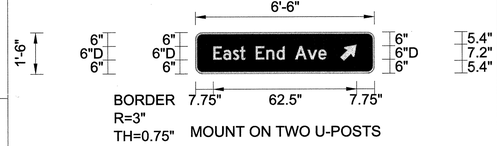
SIGN NUMBER: 316
TYPE: D
QUANTITY: 1
SIGN WIDTH: 78″
HEIGHT: 18″
TOTAL AREA: 9.8 Sq.Ft.
BORDER TYPE: FLUSH
RADII: 3″
WIDTH: 0.75″
RECESS: 0″
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	63.1	5.4	6	9

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Apr 08, 2013



Spacing Factor is 1 unless specified otherwise

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.

LETTER POSITIONS

Letter spacings are to start of next letter

	E	a	s	t		E	n	d		A	v	e		Series/Size Text Length
7.8	4.3	4.2	3.1	2.4	4.5	4.6	4.4	3.6	4.5	5.4	4.7	3.5	20.9	D 2000 49.3

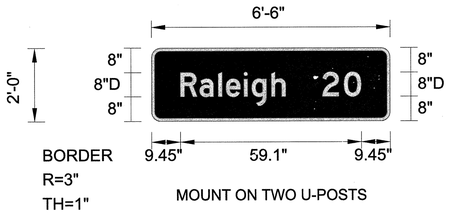
SIGN NUMBER: 317
TYPE: D
QUANTITY: 1
SIGN WIDTH: 78″
HEIGHT: 24″
TOTAL AREA: 13.0 Sq.Ft.
BORDER TYPE: FLUSH
RADII: 3″
WIDTH: 1″
RECESS: 0″
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2MM) ALUMINUM

DESIGN BY: RRH CHECKED BY: BLW
PROJECT ID: U-0071 DIV: 5
DATE: Oct 02, 2013



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	R	a	l	e	i	g	h		Series/Size Text Length
9.4	6.2	6.1	2.6	5.8	2.6	6.4	4.7	34.2	D 2000 34.4

	2	0							
55.8	7	5.7	9.4						D 2000 12.7

SIGN DESIGNS
(TYPE 'D' SIGNS)

$$$$$$SYSTIME$$$$$$
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$$$$$$$$$$$$$$$$$USERNAME$$$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5Z

APPROVED: dwatson

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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License No. F-0672

SIGN NUMBER: 318,321
TYPE: D
QUANTITY: 2

SIGN WIDTH: 30″
HEIGHT: 30″
TOTAL AREA: 6.3 Sq.Ft.

BORDER TYPE: RECESSED
RADII: 1.88″
WIDTH: 0.75″
RECESS: 0.5″

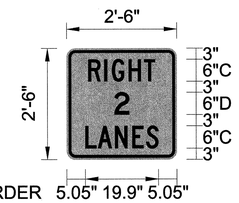
NO. Z BARS:
LENGTH:

BACKG COLOR: Yellow
COPY COLOR: Black

SYMBOL	X	Y	WID	HT

MAT'L: 0.065″ (1.6MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



BORDER 5.05" 19.9" 5.05"
R=1.88"
TH=0.75"
IN=0.5"
MOUNT BELOW SIGN 456
IN 2 INSTALLATIONS

Spacing Factor is 1 unless specified otherwise

USE NOTES

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.

LETTER POSITIONS

Letter spacings are to start of next letter

							Series/Size Text Length
	R	I	G	H	T		C 2000
5.9	4.4	2	4.6	4.2	3.1	5.9	18.2
	2						D 2000
13	4.1	13					4.1
	L	A	N	E	S		C 2000
5	3.4	4.7	4.7	3.8	3.4	5	19.9

SIGN NUMBER: 319,320
TYPE: D
QUANTITY: 2

SIGN WIDTH: 30″
HEIGHT: 12″
TOTAL AREA: 2.5 Sq.Ft.

BORDER TYPE: FLUSH
RADII: 1.5″
WIDTH: 0.75″
RECESS: 0″

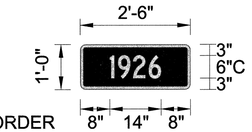
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.063″ (1.6MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Apr 08, 2013



BORDER 8" 14" 8"
R=1.5"
TH=0.75"
MOUNT ON ONE U-POST

Spacing Factor is 1 unless specified otherwise

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.

LETTER POSITIONS

Letter spacings are to start of next letter

							Series/Size Text Length
	1	9	2	6			C 2000
8	2.3	4.1	4.3	3.4	8		14

SIGN NUMBER: 322,323
TYPE: D
QUANTITY: 2

SIGN WIDTH: 24″
HEIGHT: 12″
TOTAL AREA: 2.0 Sq.Ft.

BORDER TYPE: FLUSH
RADII: 1.5″
WIDTH: 0.75″
RECESS: 0″

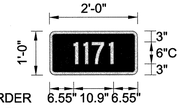
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.063″ (1.6MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Sep 23, 2013



BORDER 6.55" 10.9" 6.55"
R=1.5"
TH=0.75"
MOUNT ON ONE U-POST

Spacing Factor is 1.2

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.

LETTER POSITIONS

Letter spacings are to start of next letter

							Series/Size Text Length
	1	1	7	1			C 2000
6.6	2.7	2.3	4.7	1.3	6.6		10.9

SIGN NUMBER: 324,325
TYPE: D
QUANTITY: 2

SIGN WIDTH: 30″
HEIGHT: 12″
TOTAL AREA: 2.5 Sq.Ft.

BORDER TYPE: FLUSH
RADII: 1.5″
WIDTH: 0.75″
RECESS: 0″

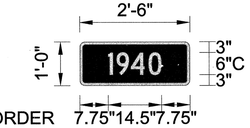
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.063″ (1.6MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Apr 08, 2013



BORDER 7.75" 14.5" 7.75"
R=1.5"
TH=0.75"
MOUNT ON ONE U-POST

Spacing Factor is 1 unless specified otherwise

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.

LETTER POSITIONS

Letter spacings are to start of next letter

							Series/Size Text Length
	1	9	4	0			C 2000
7.7	2.3	3.9	4.8	3.5	7.7		14.5

SIGN DESIGNS
(TYPE 'D' SIGNS)

$$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$
$$$$$$$USERNAME$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5AA

APPROVED: _____

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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www.stantec.com
License No. F-0672

SIGN NUMBER: 326
TYPE: D
QUANTITY: 1

SIGN WIDTH: 30″
HEIGHT: 36″
TOTAL AREA: 7.5 Sq.Ft.

BORDER TYPE: FLUSH
RADII: 3″
WIDTH: 0.75″
RECESS: 0″

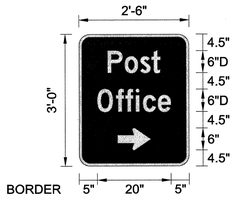
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	10.5	4.5	6	9

MAT'L: 0.080″ (2.0MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Apr 17, 2013



BORDER
R=3"
TH=0.75"

MOUNT ON ONE U-POST

Spacing Factor is 1 unless specified otherwise

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.

LETTER POSITIONS

Letter spacings are to start of next letter

																									Series/Size Text Length
	P	o	s	t																					D 2000
7.8	4.6	4.3	3.1	2.4	7.8																				14.3
	O	f	f	i	c	e																			D 2000
5	5.1	2.5	2.9	1.9	4.1	3.5	5																		20

SIGN NUMBER: 601,602
TYPE: OVERLAY (GM)
QUANTITY: 2

SIGN WIDTH: 84″
HEIGHT: 18″
TOTAL AREA: 10.5 Sq.Ft.

BORDER TYPE: SQUARE
RADII: 0″
WIDTH: 0″
RECESS: 0″

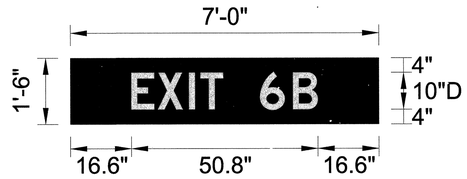
NO. Z BARS:
LENGTH:

BACKG COLOR: Blue
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.063″ (1.6MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

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.

LETTER POSITIONS

Letter spacings are to start of next letter

																									Series/Size Text Length
	E	X	I	T		6	B																		D 2000
16.6	7.2	8.5	3.1	6.2	10	9	6.8	16.6																	50.8

SIGN NUMBER: 603,604
TYPE: OVERLAY (GM)
QUANTITY: 2

SIGN WIDTH: 84″
HEIGHT: 18″
TOTAL AREA: 10.5 Sq.Ft.

BORDER TYPE: SQUARE
RADII: 0″
WIDTH: 0″
RECESS: 0″

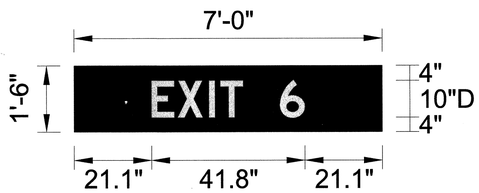
NO. Z BARS:
LENGTH:

BACKG COLOR: Blue
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.063″ (1.6MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

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.

LETTER POSITIONS

Letter spacings are to start of next letter

																									Series/Size Text Length
	E	X	I	T		6																			D 2000
21.1	7.2	8.5	3.1	6.2	10	6.8	21.1																		41.8

SIGN NUMBER: 605,606
TYPE: OVERLAY (GM)
QUANTITY: 2

SIGN WIDTH: 48″
HEIGHT: 18″
TOTAL AREA: 6.0 Sq.Ft.

BORDER TYPE: SQUARE
RADII: 0″
WIDTH: 0″
RECESS: 0″

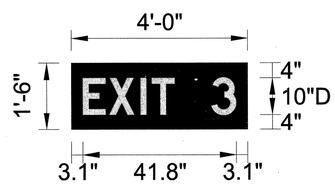
NO. Z BARS:
LENGTH:

BACKG COLOR: Blue
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.063″ (1.6MM) ALUMINUM

DESIGN BY: RRH
PROJECT ID: U-0071
CHECKED BY: BLW
DIV: 5
DATE: Oct 14, 2013



Spacing Factor is 1 unless specified otherwise

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.

LETTER POSITIONS

Letter spacings are to start of next letter

																									Series/Size Text Length
	E	X	I	T		3																			D 2000
3.1	7.2	8.5	3.1	6.2	10	6.8	3.1																		41.8

SIGN DESIGNS (TYPE 'D' SIGNS & OVERLAYS - GROUND MOUNTED)

$$$$$$SYSTIME$$$$$$
$$$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-5AB

APPROVED: [signature]

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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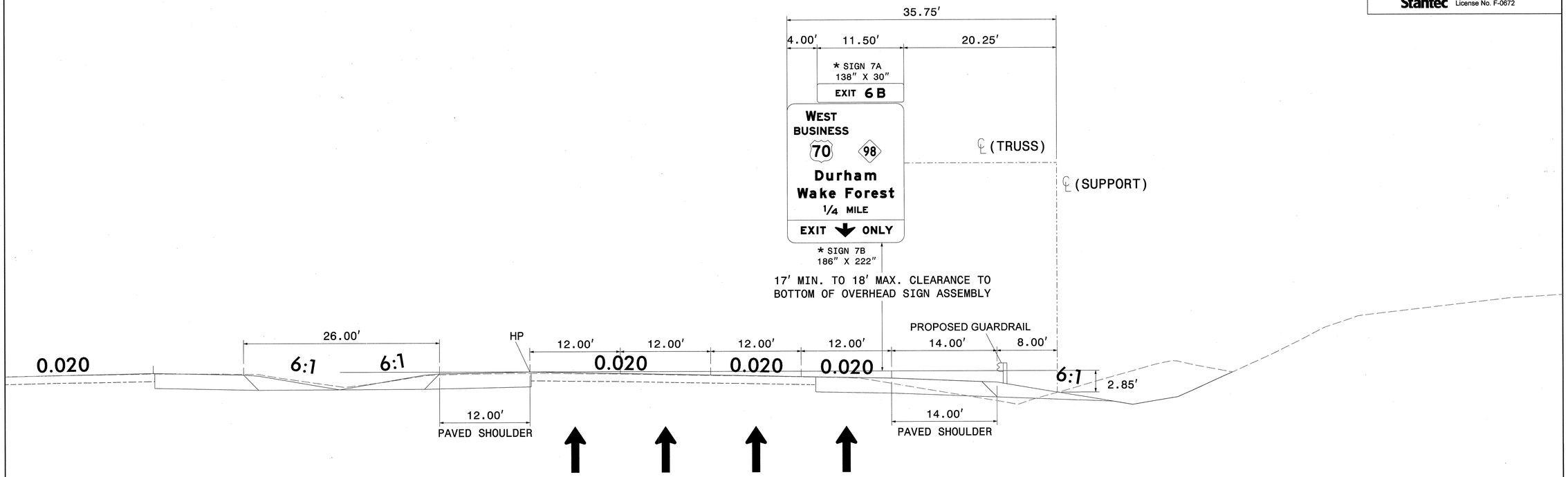
Fax. (919) 851-7024
www.stantec.com
License No. F-0672



I-885 SOUTHBOUND/US 70 EASTBOUND

NOTES:

1. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
2. 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.
3. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 6 INCHES AND NOT MORE THAN 24 INCHES ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
4. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
5. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

* THESE DIMENSIONS SHALL BE USED FOR WIND LOAD AND DEAD LOAD COMPUTATIONS IN DESIGN OF STRUCTURE AND FOOTINGS. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMODATE WIND VELOCITY OF 90 M.P.H.

OVERHEAD SIGN ASSEMBLY
-L- STA 14+31
I-885 SOUTHBOUND/US 70 EASTBOUND

12/4/2013
U:\Traffic\Signing\CADD\Overheads\overhead structure line drawings.dgn
rhennein

TIP NO.	SHEET NO.
U-0071	SIGN-5AC

APPROVED: BLWatson

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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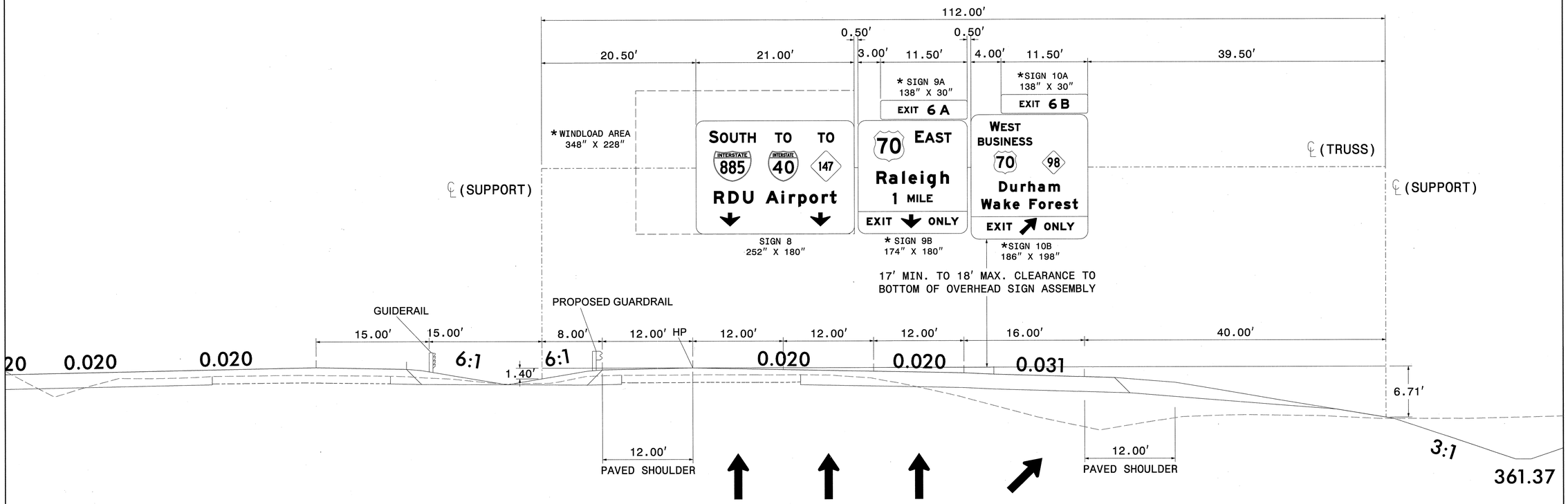
License No. F-0672



I-885 SOUTHBOUND/US 70 EASTBOUND

NOTES:

1. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
2. 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.
3. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 6 INCHES AND NOT MORE THAN 24 INCHES ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
4. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
5. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

* THESE DIMENSIONS SHALL BE USED FOR WIND LOAD AND DEAD LOAD COMPUTATIONS IN DESIGN OF STRUCTURE AND FOOTINGS. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMODATE WIND VELOCITY OF 90 M.P.H.

OVERHEAD SIGN ASSEMBLY
-L- STA 27+51
I-885 SOUTHBOUND/US 70 EASTBOUND

12/4/2013
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rhennein

TIP NO.	SHEET NO.
U-0071	SIGN-5AD

APPROVED: bwatson

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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Suite 300
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Tel. (919) 851-6866
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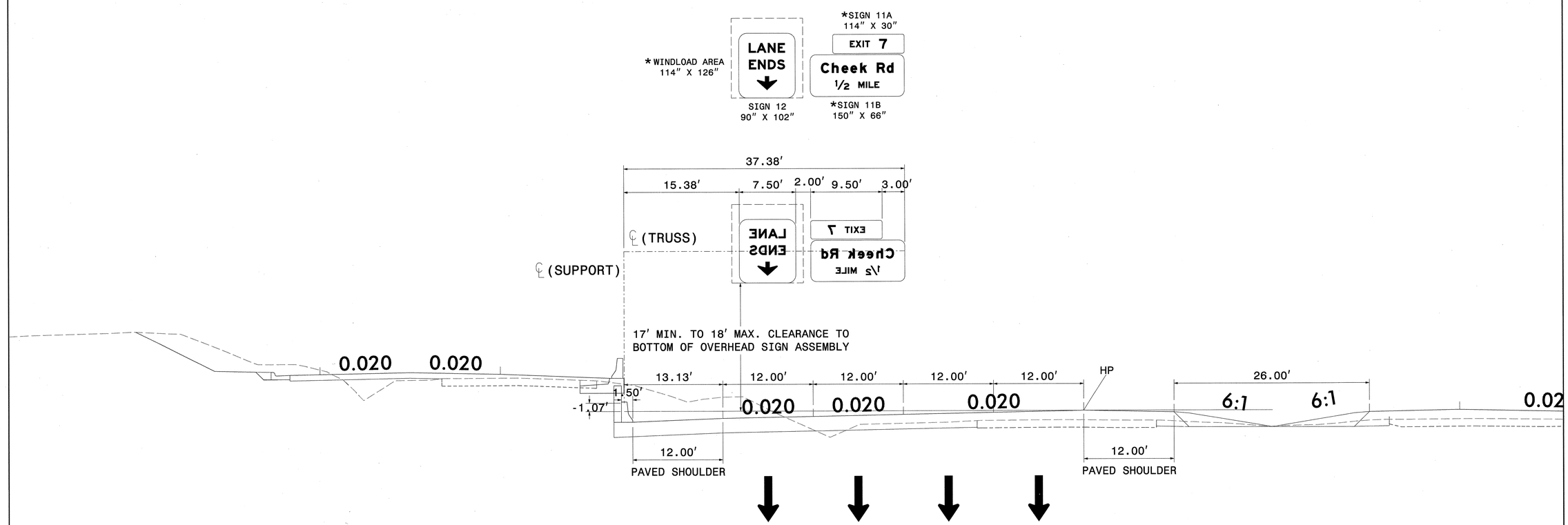
License No. F-0672



NOTES:

1. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
2. 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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OVERHEAD SIGN ASSEMBLY
-L- STA 28+93
I-885 NORTHBOUND/US 70 WESTBOUND

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TIP NO.	SHEET NO.
U-0071	SIGN-5AE

APPROVED: _____

DATE: 12/4/13

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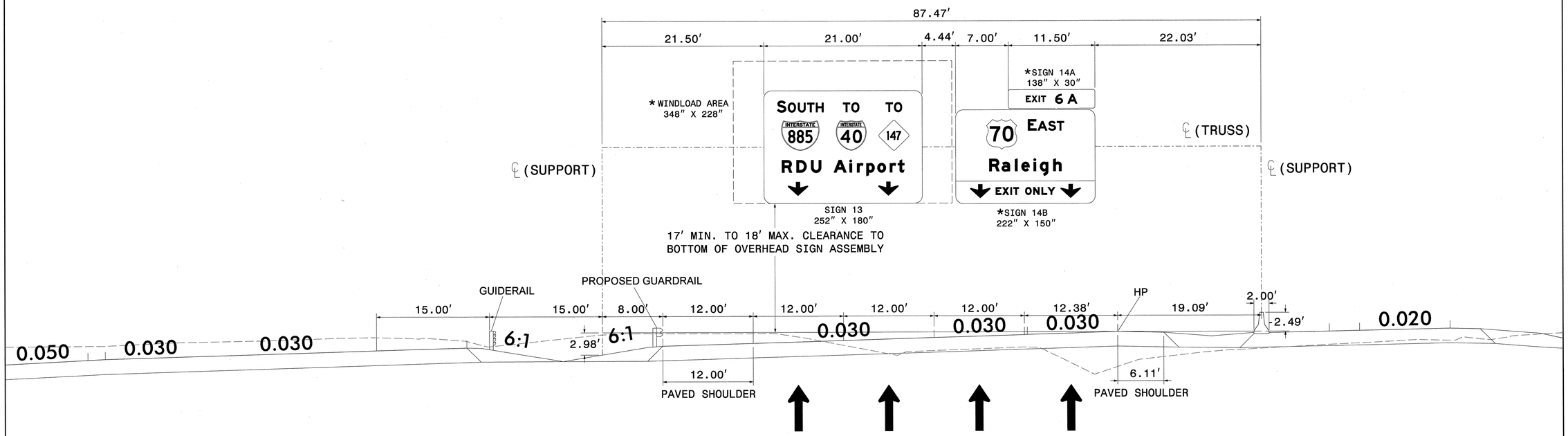

I-885 SOUTHBOUND/US 70 EASTBOUND

NOTES:

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OVERHEAD SIGN ASSEMBLY
-L- STA 60+14
I-885 SOUTHBOUND/US 70 EASTBOUND

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TIP NO.	SHEET NO.
U-0071	SIGN-5AF

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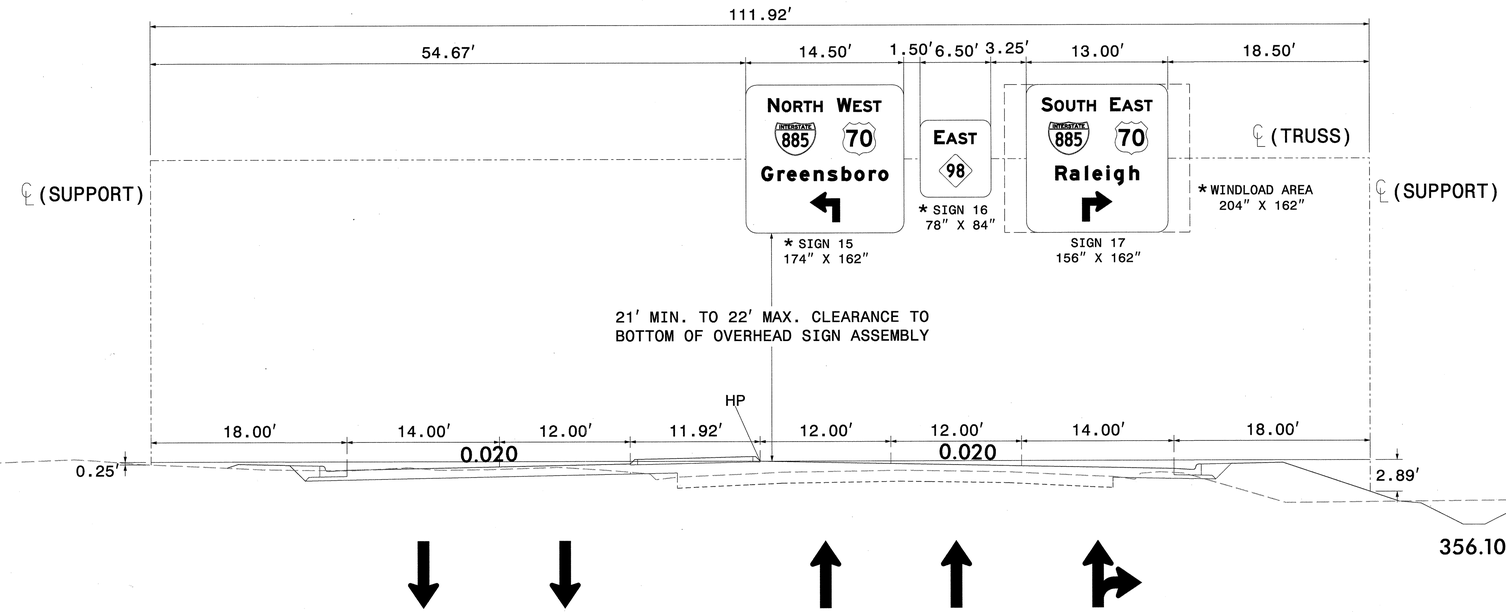

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OVERHEAD SIGN ASSEMBLY
-Y1- STA 30+48
BUSINESS US 70 EASTBOUND/NC 98 EASTBOUND

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DATE: 12/4/13

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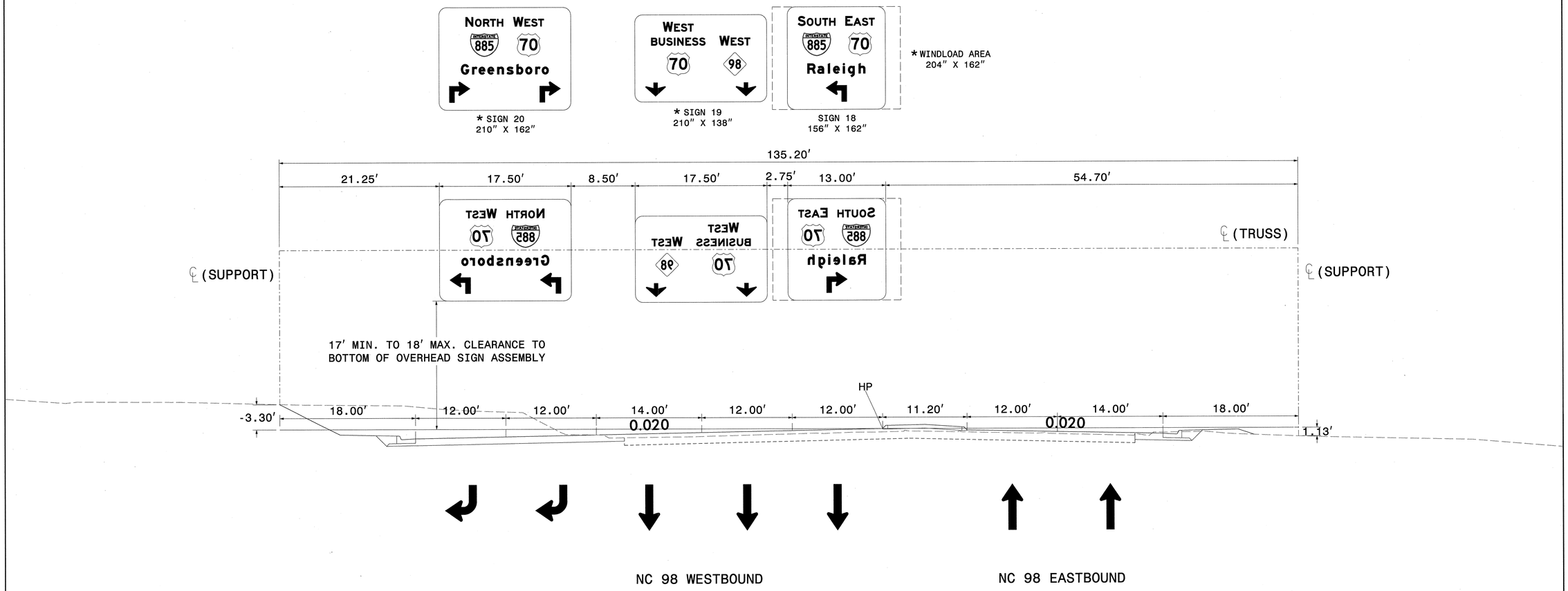

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OVERHEAD SIGN ASSEMBLY
-Y1- STA 35+42
NC 98 WESTBOUND

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TIP NO.	SHEET NO.
U-0071	SIGN-5AH

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DATE: 12/4/13

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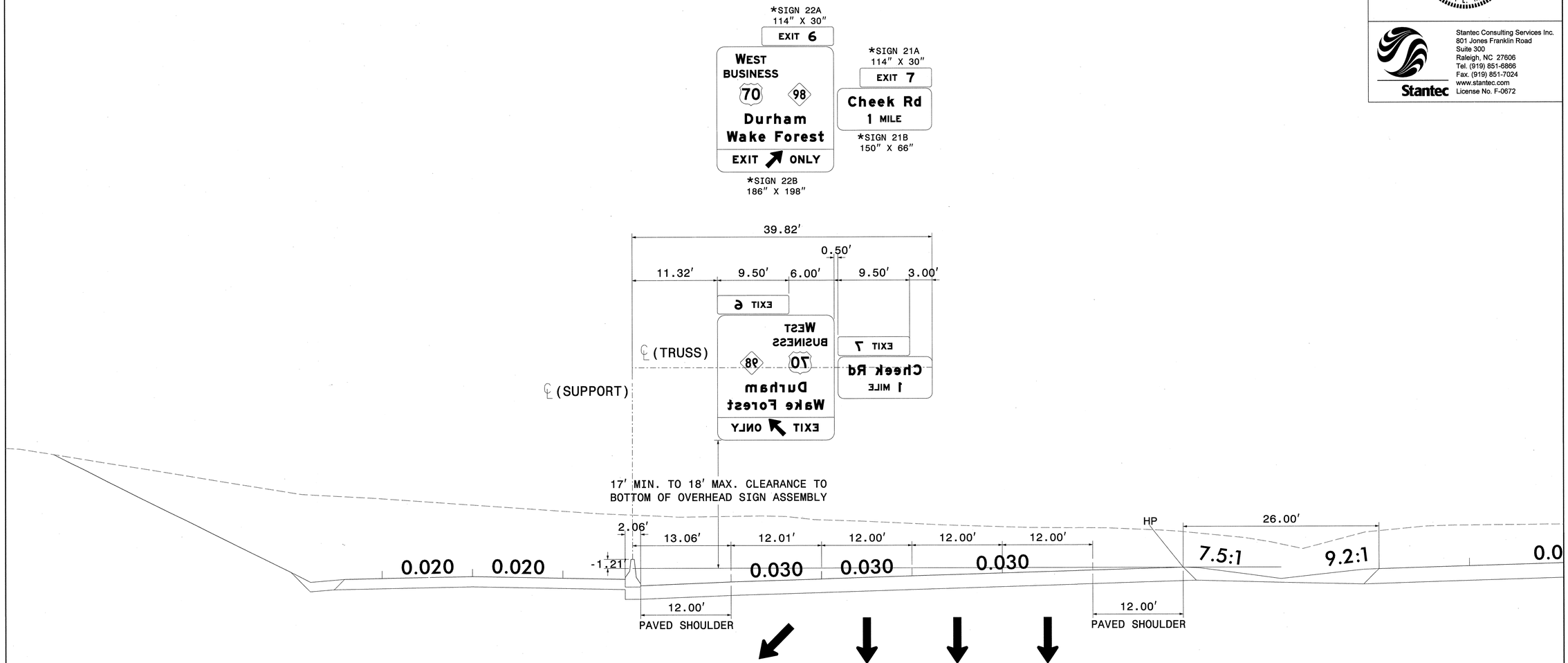

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OVERHEAD SIGN ASSEMBLY
-L- STA 62+33
I-885 NORTHBOUND/US 70 WESTBOUND

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rhennein

TIP NO.	SHEET NO.
U-0071	SIGN-5AI

APPROVED: [signature]

DATE: 12/4/13

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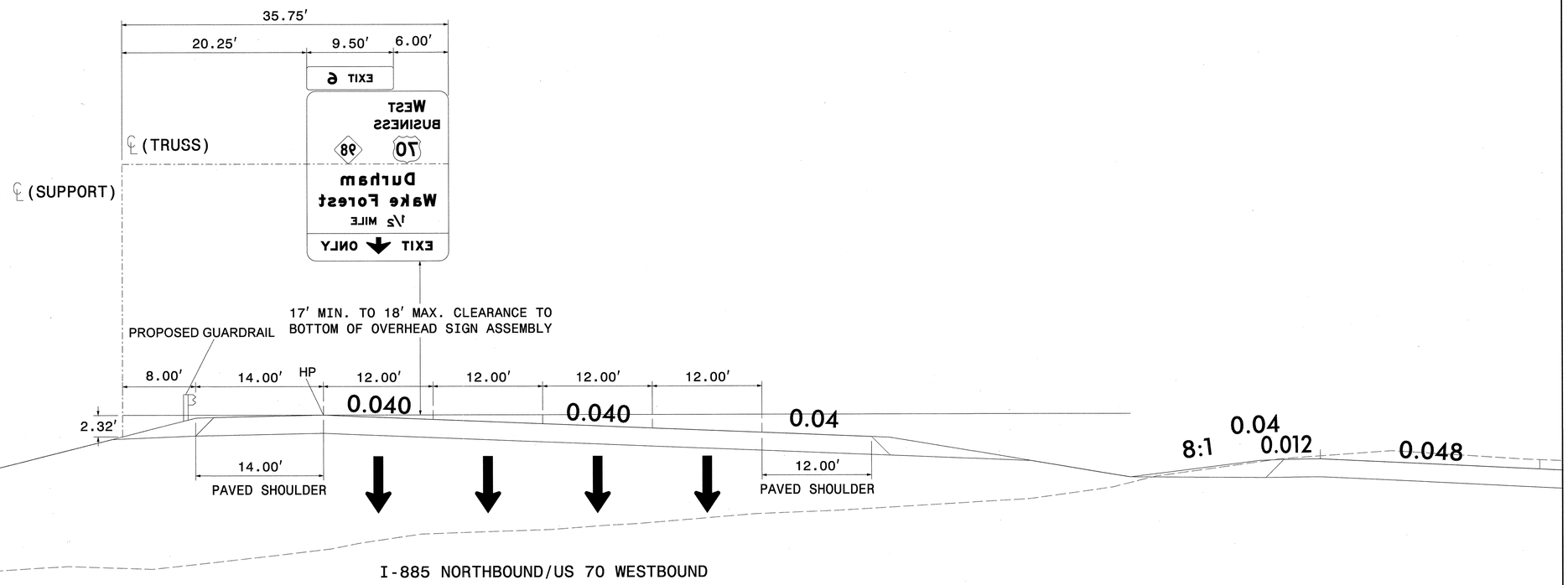
*SIGN 23A
114" X 30"



*SIGN 23B
186" X 222"



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OVERHEAD SIGN ASSEMBLY
-L- STA 90+98
I-885 NORTHBOUND/US 70 WESTBOUND

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TIP NO.	SHEET NO.
U-0071	SIGN-5AJ

APPROVED: [signature]

DATE: 12/4/13

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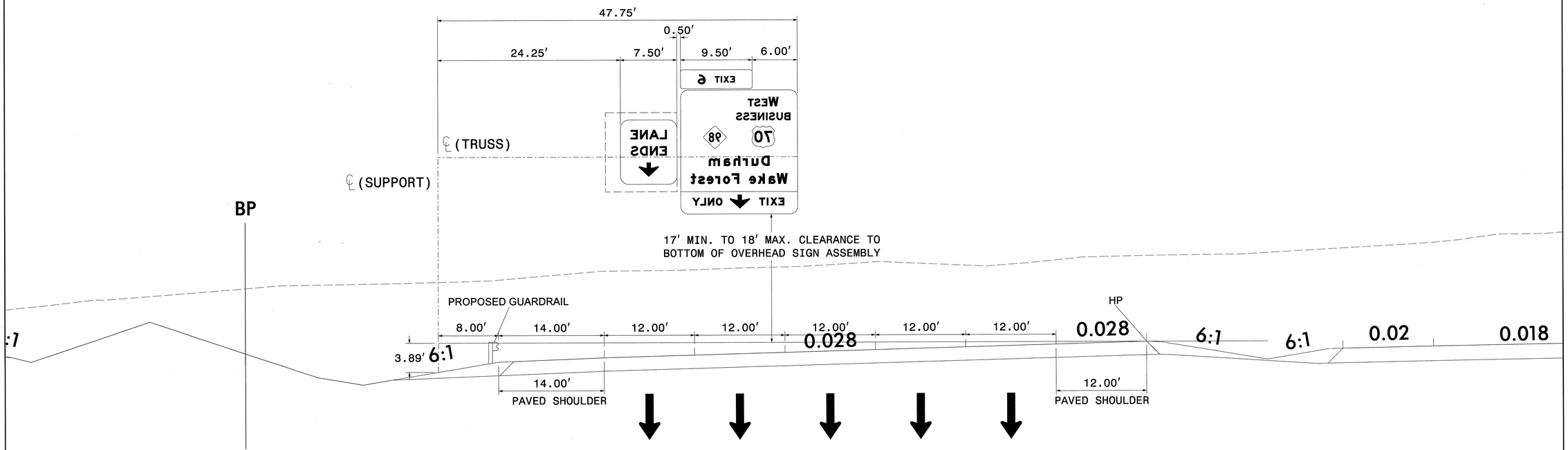

I-885 NORTHBOUND/US 70 WESTBOUND

NOTES:

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OVERHEAD SIGN ASSEMBLY
-L- STA 82+00
I-885 NORTHBOUND/US 70 WESTBOUND

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TIP NO.	SHEET NO.
U-0071	SIGN-5AK

APPROVED: Watson

DATE: 12/4/13

SEAL

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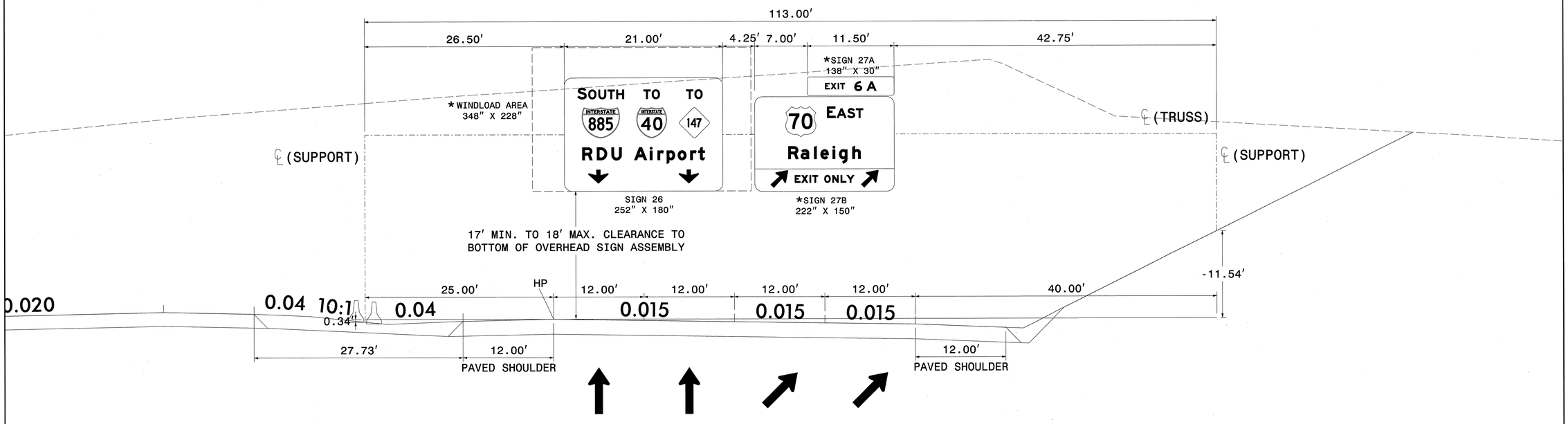

I-885 SOUTHBOUND/US 70 EASTBOUND

NOTES:

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OVERHEAD SIGN ASSEMBLY
-L- STA 84+58
I-885 SOUTHBOUND/US 70 EASTBOUND

12/4/2013
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TIP NO.	SHEET NO.
U-0071	SIGN-5AL

APPROVED: cbluestein

DATE: 12/4/13

SEAL

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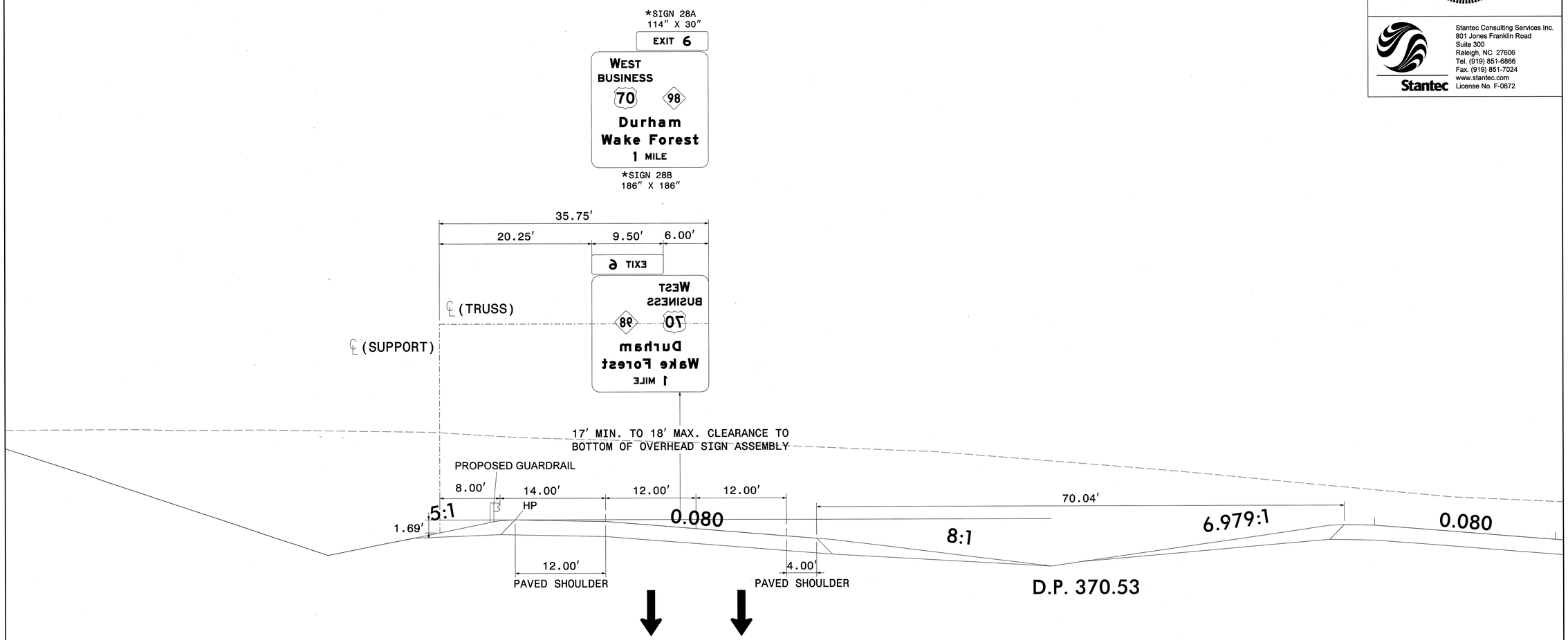

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OVERHEAD SIGN ASSEMBLY
-L- STA 114+02
I-885 NORTHBOUND

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TIP NO.	SHEET NO.
U-0071	SIGN-5AM

APPROVED: _____

DATE: 12/4/13

SEAL

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*SIGN 29A
114" X 30"

EXIT 6

*SIGN 30A
156" X 30"

EXIT 288 A

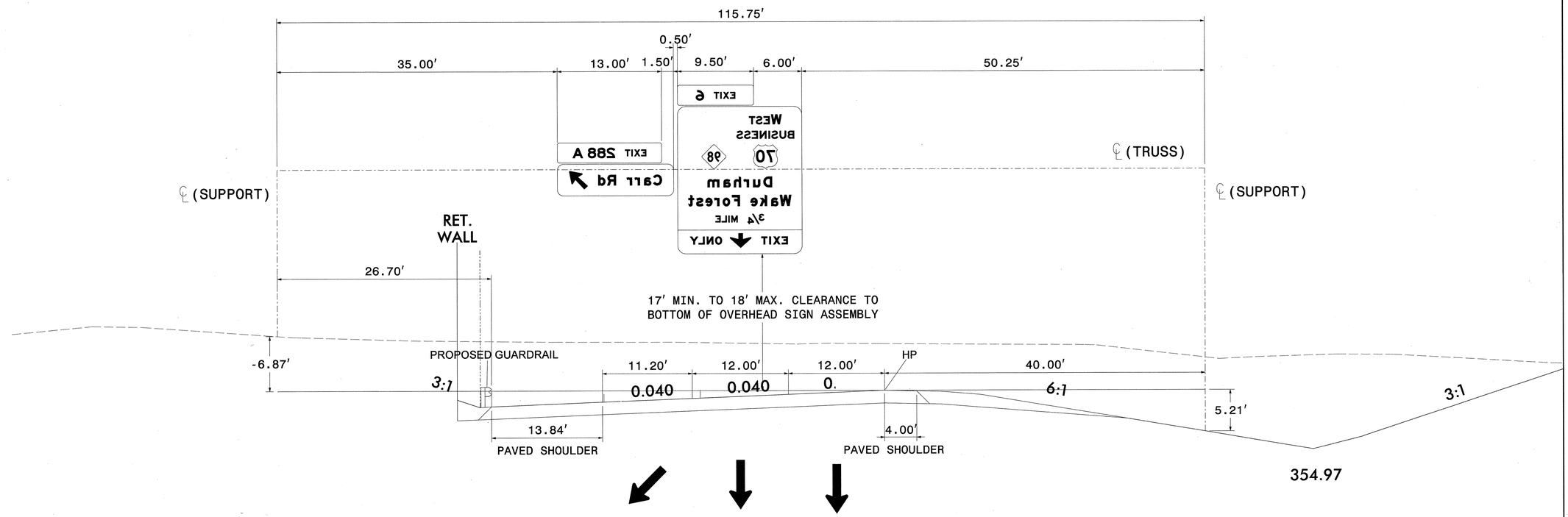
Carr Rd

*SIGN 30B
174" X 48"

WEST
BUSINESS
70 98
Durham
Wake Forest
3/4 MILE

EXIT ONLY

*SIGN 29B
186" X 222"



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OVERHEAD SIGN ASSEMBLY
-Y2- STA 22+15
US 70 WESTBOUND

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TIP NO.	SHEET NO.
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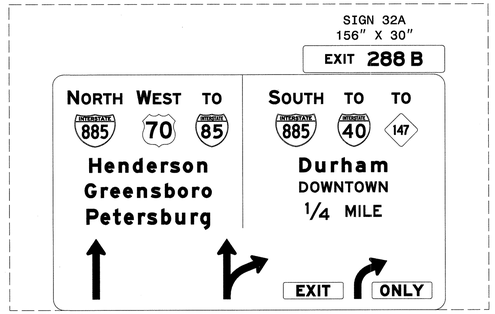
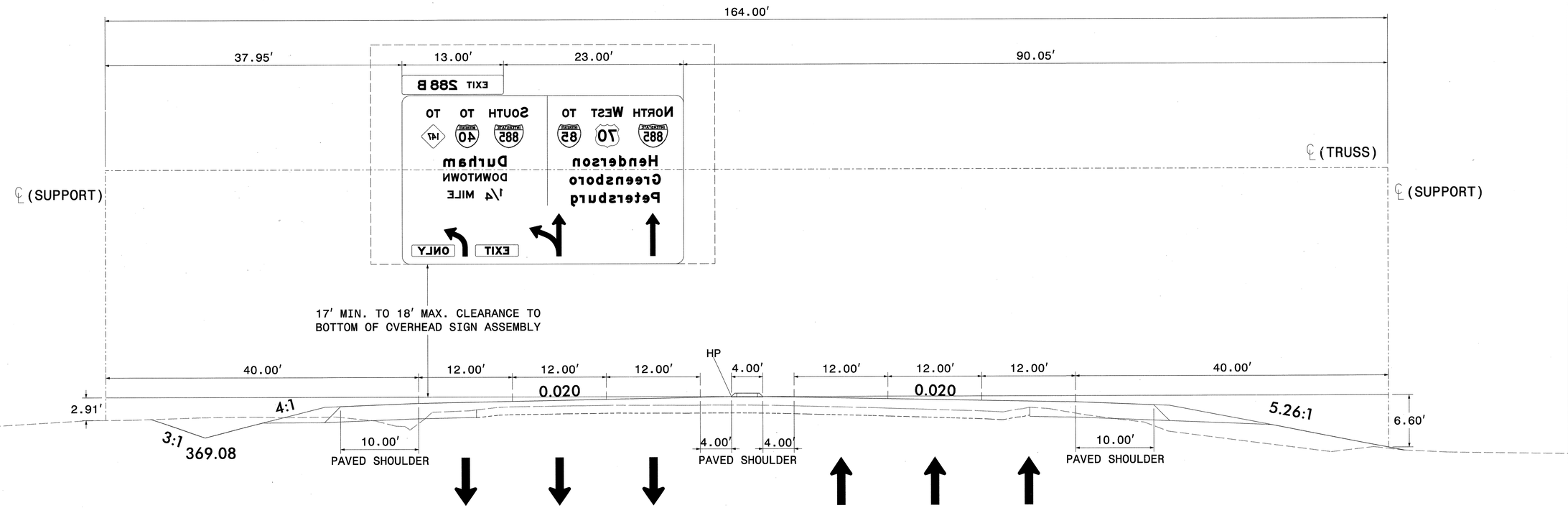


* WINDLOAD AREA
528" X 336"



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OVERHEAD SIGN ASSEMBLY
-Y3- STA 53+60
US 70 WESTBOUND

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rhennein

TIP NO.	SHEET NO.
U-0071	SIGN-5AO

APPROVED: [signature]

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SEAL

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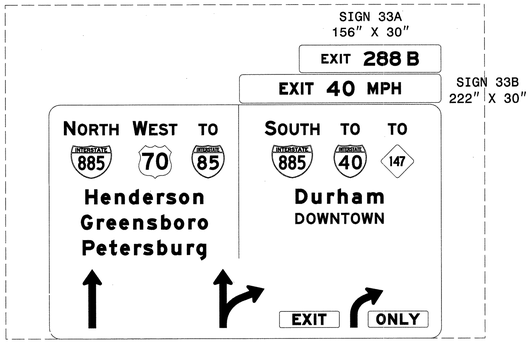

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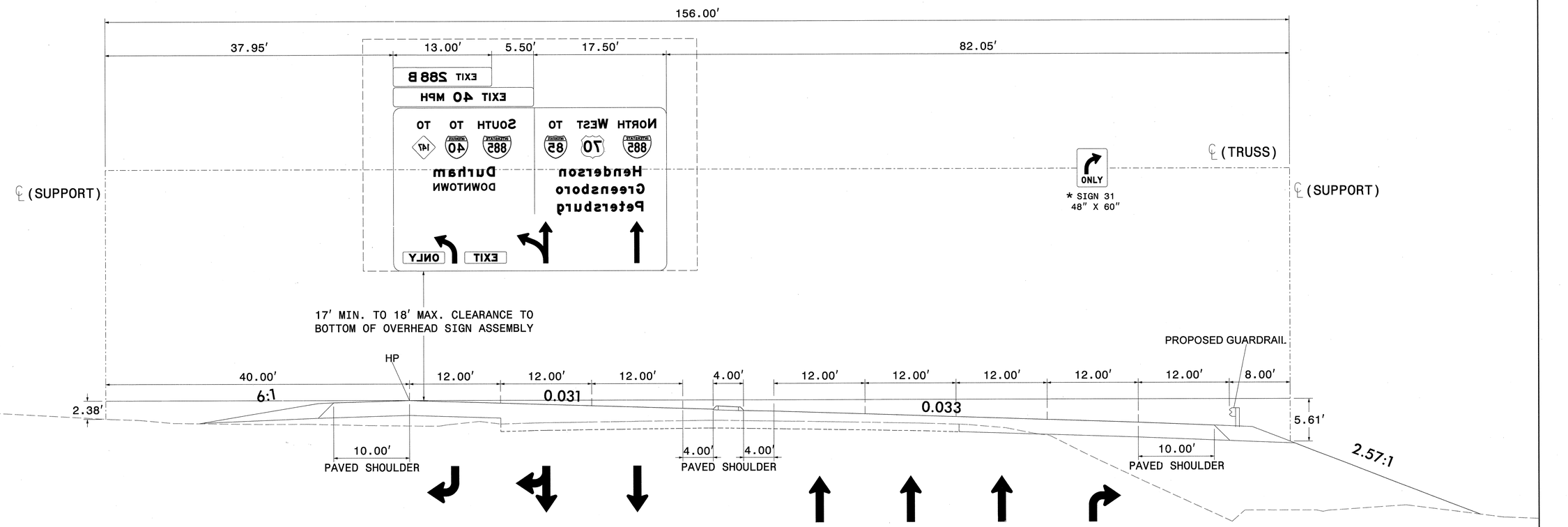
528" X 366"



US 70 WESTBOUND

US 70 EASTBOUND

NOTES:

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OVERHEAD SIGN ASSEMBLY
-Y3- STA 41+34
US 70 WESTBOUND

12/4/2013
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rhennein

TIP NO.	SHEET NO.
U-0071	SIGN-5AP

APPROVED: blwatson

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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801 Jones Franklin Road
Suite 300
Raleigh, NC 27606
Tel. (919) 851-6866
Fax. (919) 851-7024
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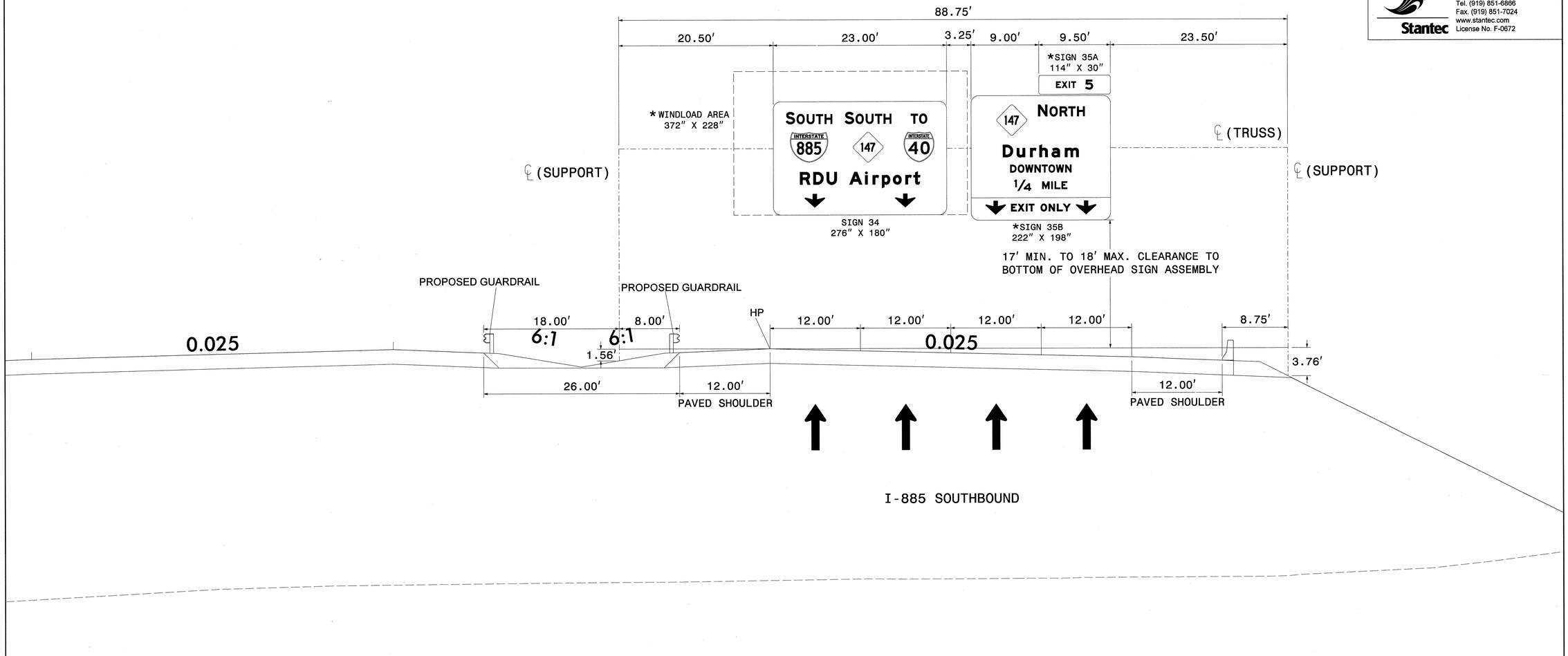
License No. F-0672



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OVERHEAD SIGN ASSEMBLY
-L- STA 127+40
I-885 SOUTHBOUND

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rhennein

TIP NO.	SHEET NO.
U-0071	SIGN-5AQ

APPROVED: [signature]

DATE: 12/4/13

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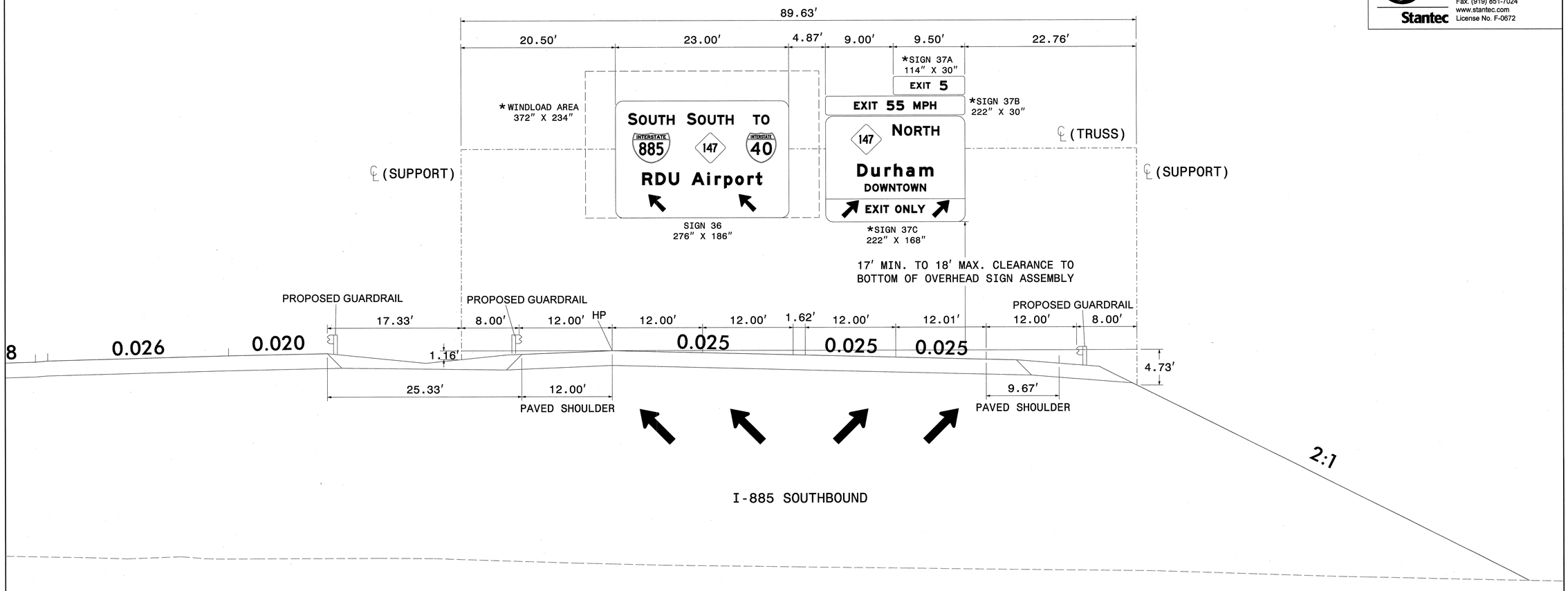

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OVERHEAD SIGN ASSEMBLY
-L- STA 142+20
I-885 SOUTHBOUND

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rhennein

TIP NO.	SHEET NO.
U-0071	SIGN-5AR

APPROVED: [signature]

DATE: 12/4/13

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OVERHEAD SIGN ASSEMBLY
-L- STA 136+85
I-885 NORTHBOUND

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rhennein

TIP NO.	SHEET NO.
U-0071	SIGN-5AS

APPROVED: CWatson

DATE: 12/4/13

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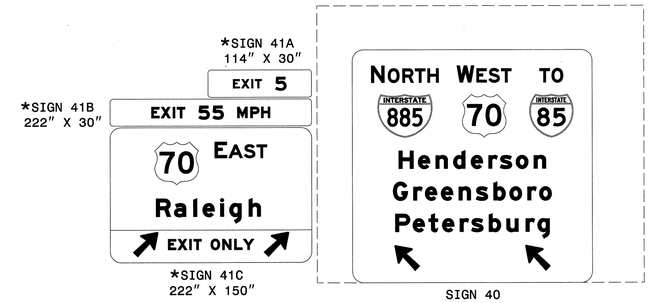

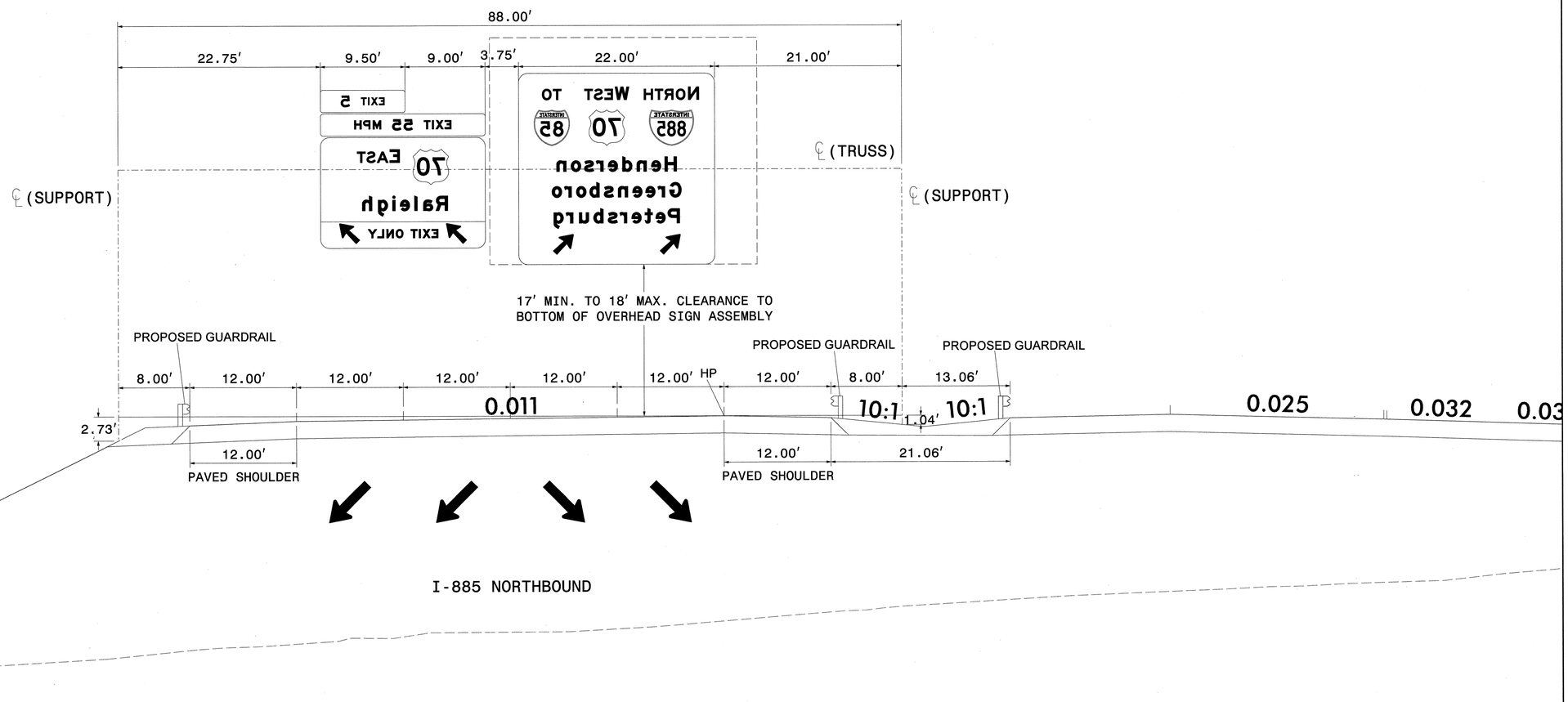

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OVERHEAD SIGN ASSEMBLY
-L- STA 124+15
I-885 NORTHBOUND

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TIP NO.	SHEET NO.
U-0071	SIGN-5AT

APPROVED: Watson

DATE: 12/4/13

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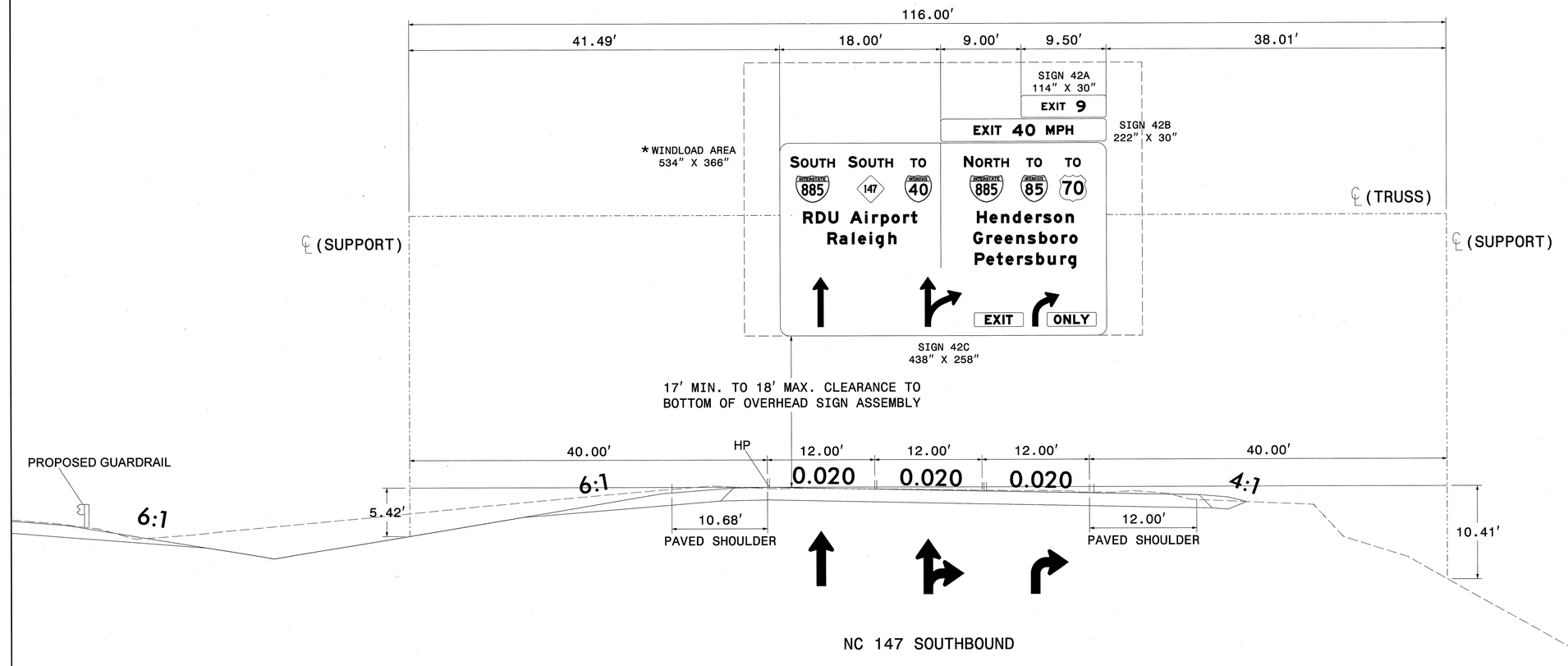

NC 147 SOUTHBOUND

NOTES:

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OVERHEAD SIGN ASSEMBLY
-DFEB- STA 36+00
NC 147 SOUTHBOUND

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rhennein

TIP NO.	SHEET NO.
U-0071	SIGN-5AU

APPROVED: [signature]

DATE: 12/4/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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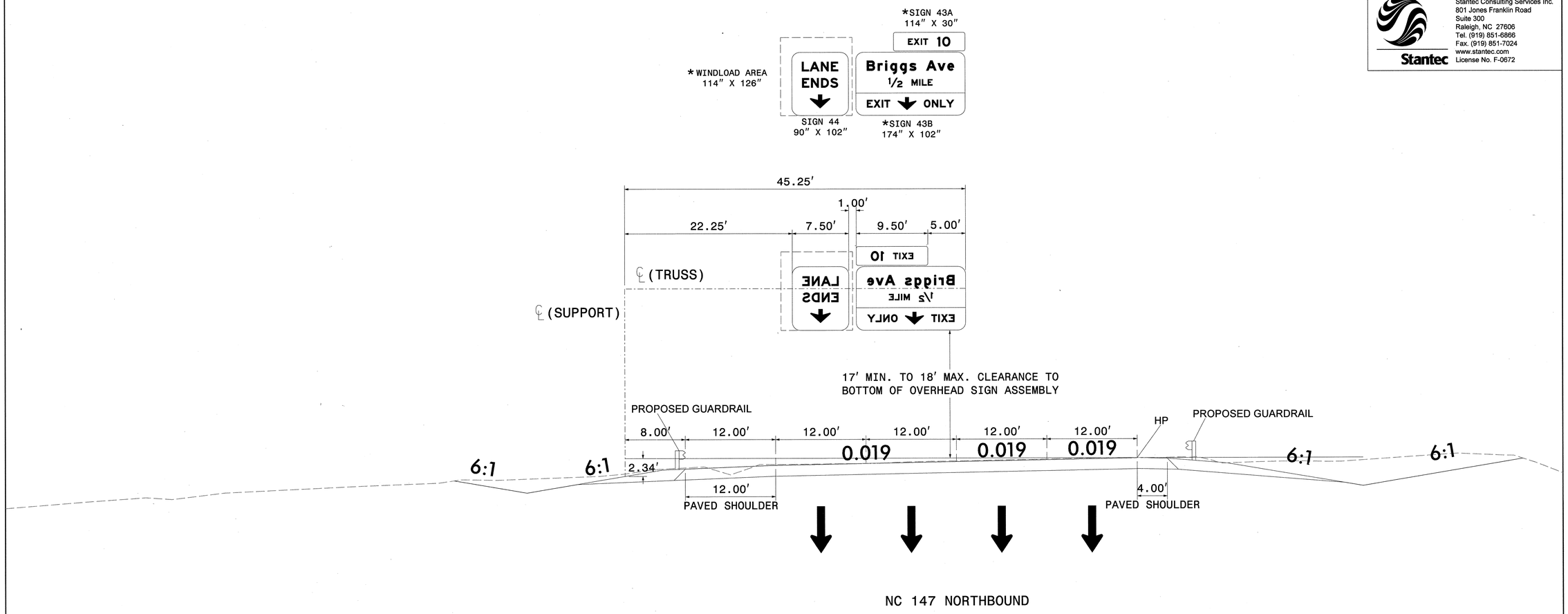

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OVERHEAD SIGN ASSEMBLY
-DFWB- STA 38+05
NC 147 NORTHBOUND

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rhennein

TIP NO.	SHEET NO.
U-0071	SIGN-5AV

APPROVED: *Williston*

DATE: 12/4/13

SEAL

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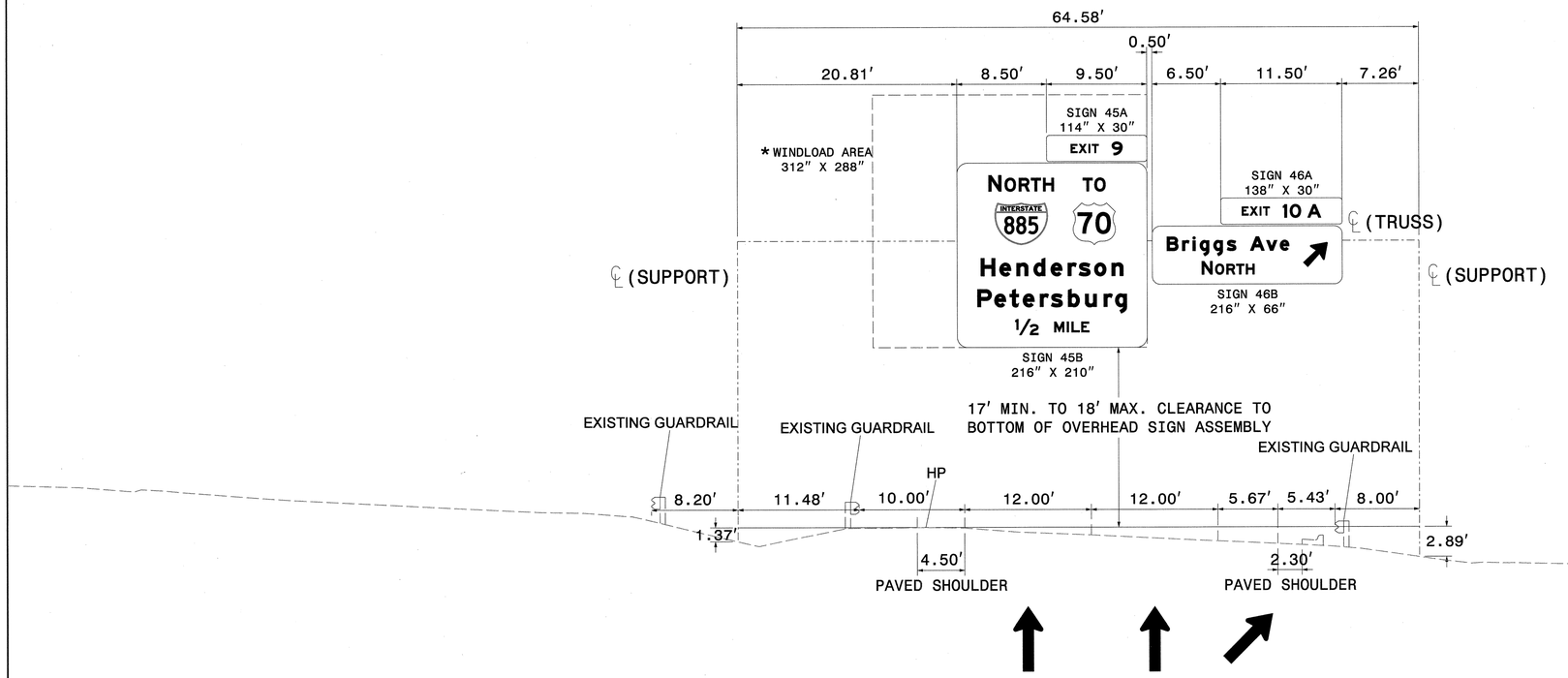

NC 147 SOUTHBOUND

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OVERHEAD SIGN ASSEMBLY
-DFEB- STA 1+40
NC 147 SOUTHBOUND

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rhennein

TIP NO.	SHEET NO.
U-0071	SIGN-5AW

APPROVED: [signature]

DATE: 12/4/13

SEAL

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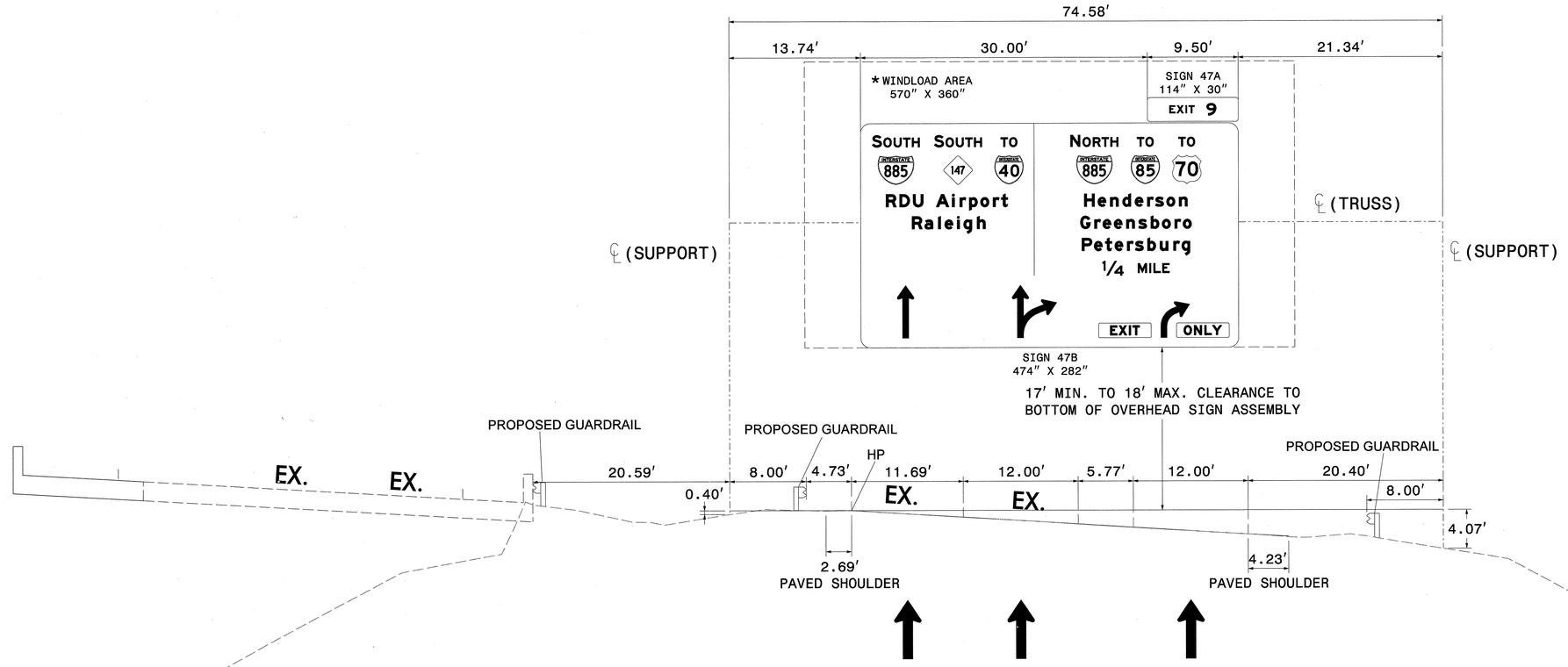

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OVERHEAD SIGN ASSEMBLY
-DFEB- STA 20+50
NC 147 SOUTHBOUND

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TIP NO.	SHEET NO.
U-0071	SIGN-5AX

APPROVED: BLWatson

DATE: 12/4/13

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License No. F-0672

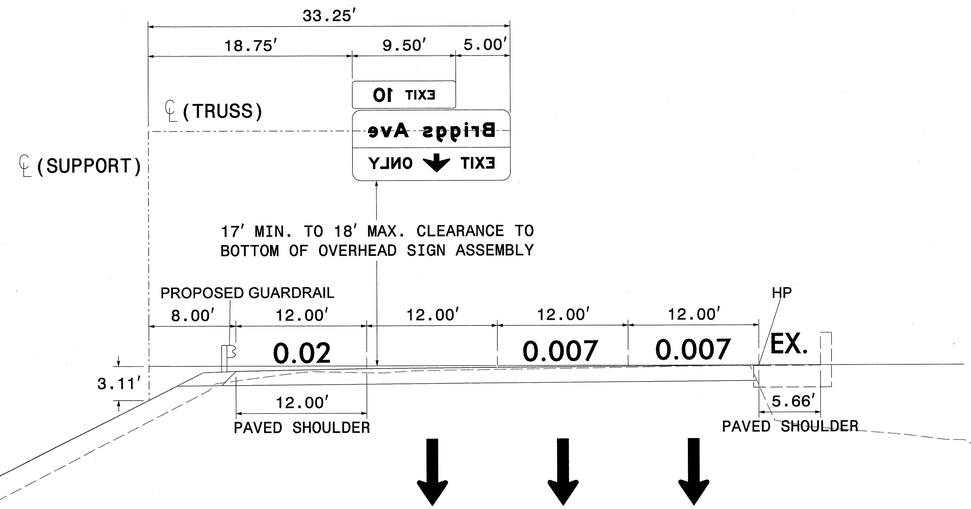
*SIGN 48A
114" X 30"

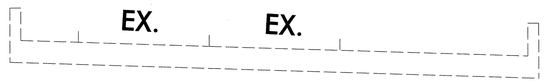
EXIT 10

Briggs Ave

EXIT ONLY

*SIGN 48B
174" X 78"





DFEB EXIST. BRIDGE –
ELEV. & SUPER. APPROX.

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OVERHEAD SIGN ASSEMBLY
-DFWB- STA 26+85
NC 147 NORTHBOUND

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rhennein

TIP NO.	SHEET NO.
U-0071	SIGN-5AY

APPROVED: [signature]

DATE: 12/14/13

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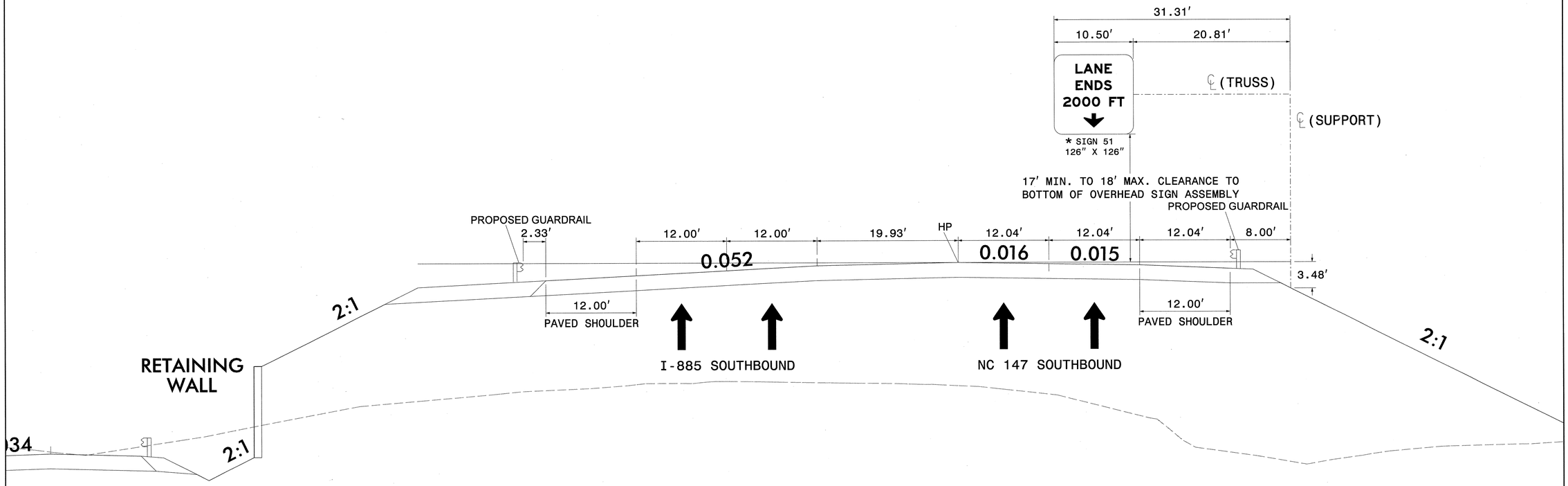

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OVERHEAD SIGN ASSEMBLY
-DFEB- STA 59+00
I-885 SOUTHBOUND/NC 147 SOUTHBOUND

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rhennein

TIP NO.	SHEET NO.
U-0071	SIGN-5AZ

APPROVED: BLWatson

DATE: 12/4/13

SEAL

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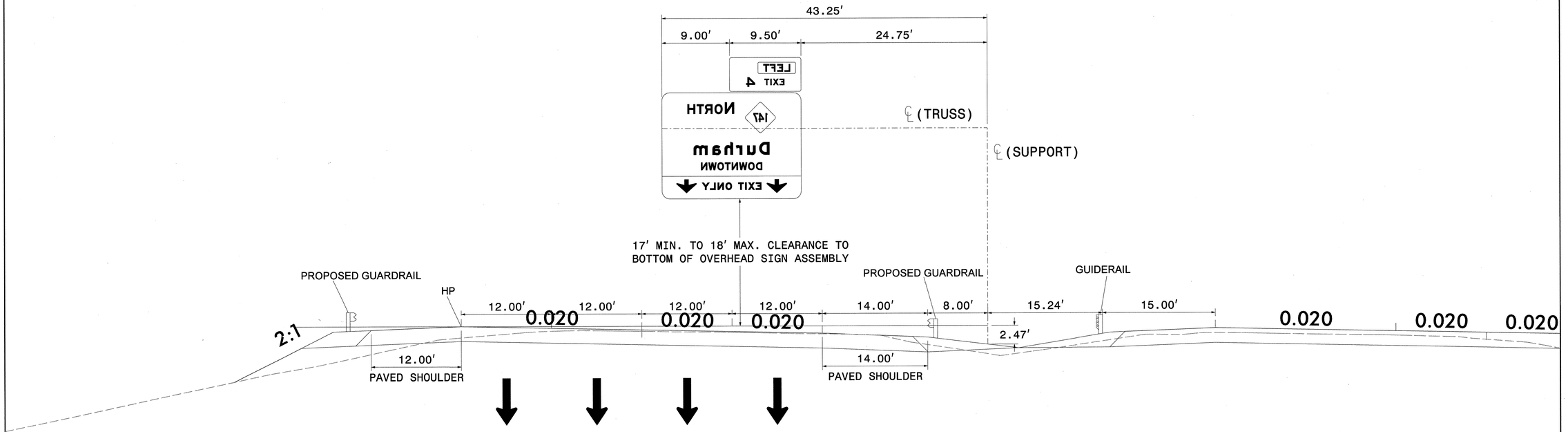
License No. F-0672

*SIGN 52A
114" X 54"



*SIGN 52B
222" X 168"



I-885 NORTHBOUND/NC 147 NORTHBOUND

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OVERHEAD SIGN ASSEMBLY
-DFLW- STA 59+00
I-885 NORTHBOUND/NC 147 NORTHBOUND

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TIP NO.	SHEET NO.
U-0071	SIGN-5BA

APPROVED: _____

DATE: 7/28/14

SEAL

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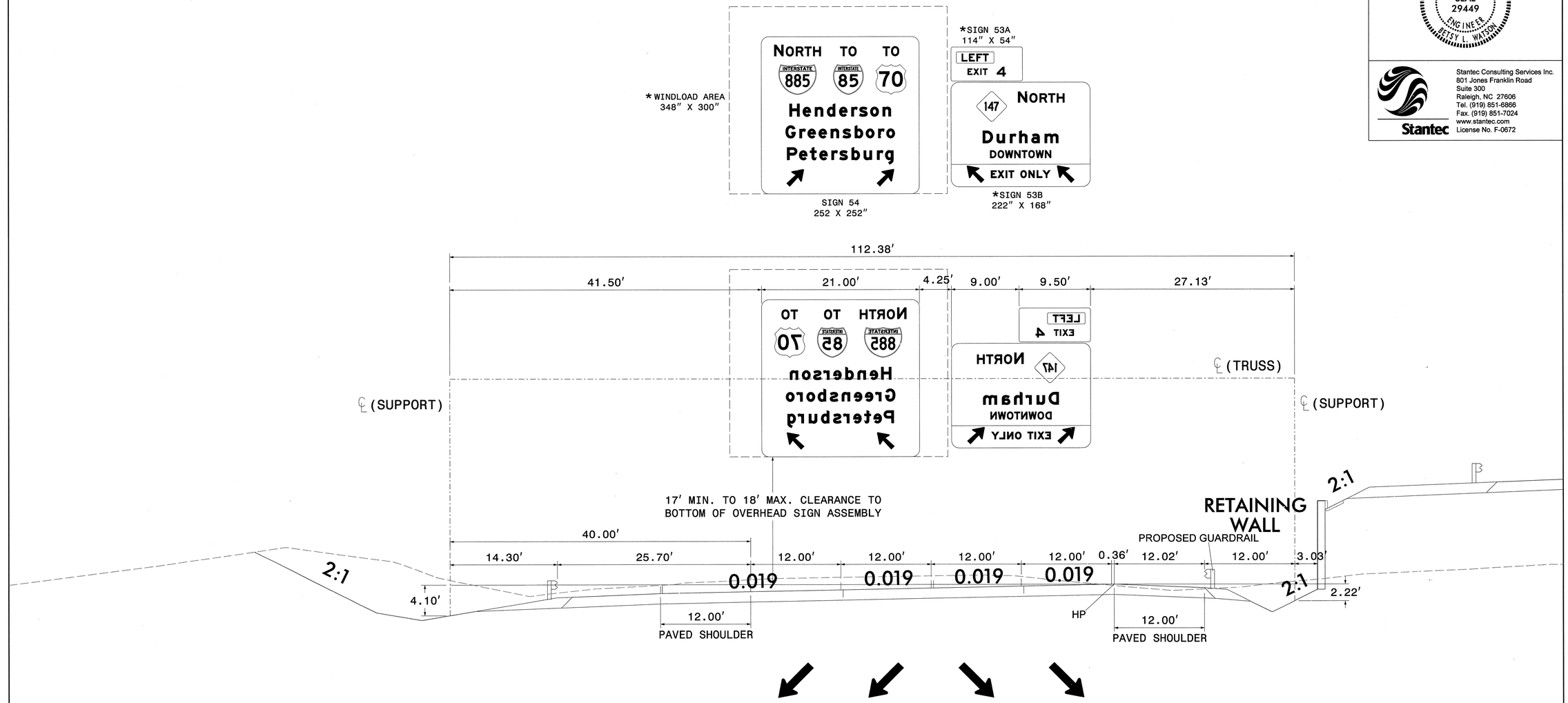

I-885 NORTHBOUND/NC 147 NORTHBOUND

NOTES:

1. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
2. 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.
3. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 6 INCHES AND NOT MORE THAN 24 INCHES ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
4. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
5. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

* THESE DIMENSIONS SHALL BE USED FOR WIND LOAD AND DEAD LOAD COMPUTATIONS IN DESIGN OF STRUCTURE AND FOOTINGS. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMODATE WIND VELOCITY OF 90 M.P.H.

OVERHEAD SIGN ASSEMBLY
-DFLW- STA 45+70
I-885 NORTHBOUND/NC 147 NORTHBOUND

7/28/2014
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rhennein

TIP NO.	SHEET NO.
U-0071	SIGN-5BB

APPROVED: _____

DATE: 12/14/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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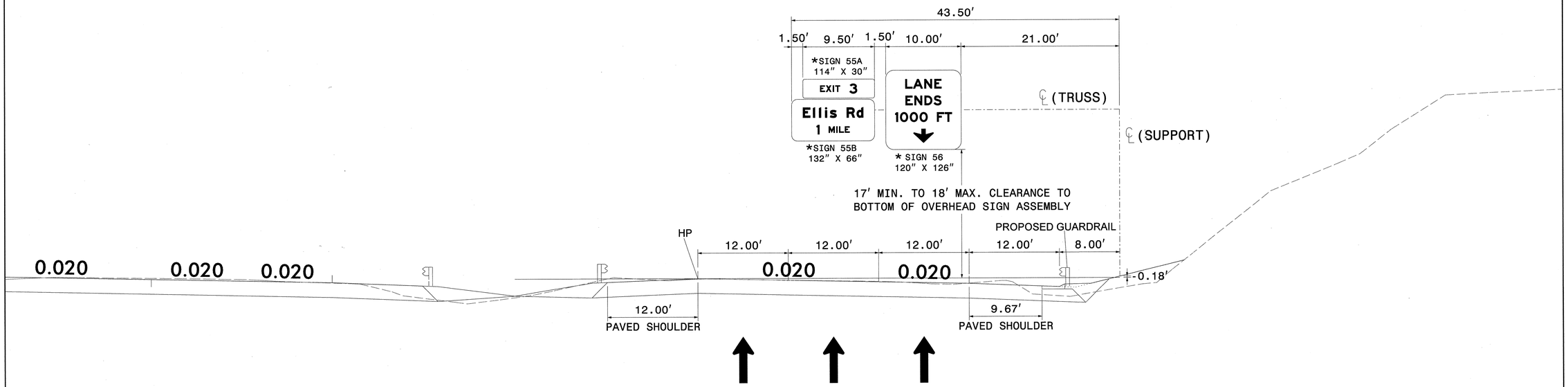

I-885 SOUTHBOUND/NC 147 SOUTHBOUND

NOTES:

1. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
2. 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.
3. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 6 INCHES AND NOT MORE THAN 24 INCHES ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
4. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
5. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

* THESE DIMENSIONS SHALL BE USED FOR WIND LOAD AND DEAD LOAD COMPUTATIONS IN DESIGN OF STRUCTURE AND FOOTINGS. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMODATE WIND VELOCITY OF 90 M.P.H.

OVERHEAD SIGN ASSEMBLY
-LDFEB- STA 188+92
I-885 SOUTHBOUND/NC 147 SOUTHBOUND

12/4/2013
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rhennein

TIP NO.	SHEET NO.
U-0071	SIGN-5BC

APPROVED: [signature]

DATE: 12/4/13

SEAL

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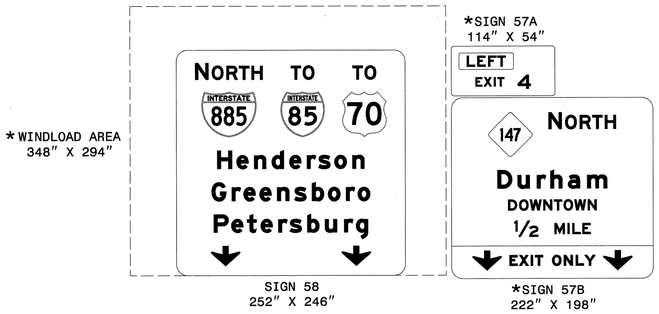

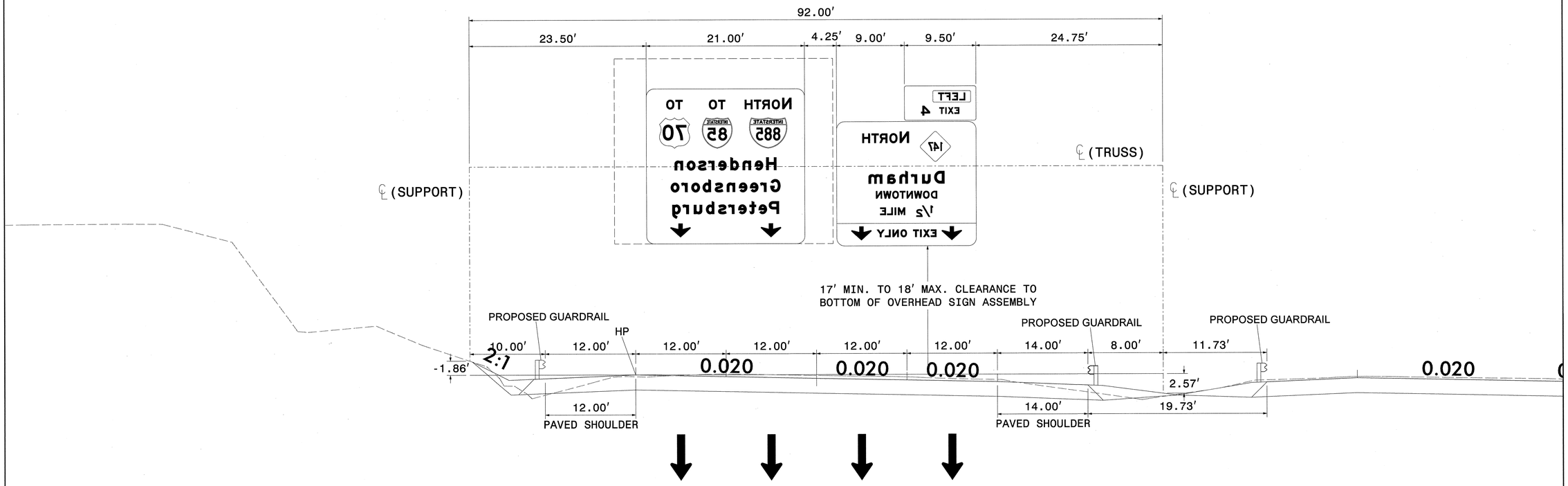

I-885 NORTHBOUND/NC 147 NORTHBOUND

NOTES:

1. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
2. 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.
3. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 6 INCHES AND NOT MORE THAN 24 INCHES ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
4. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
5. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

* THESE DIMENSIONS SHALL BE USED FOR WIND LOAD AND DEAD LOAD COMPUTATIONS IN DESIGN OF STRUCTURE AND FOOTINGS. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMODATE WIND VELOCITY OF 90 M.P.H.

OVERHEAD SIGN ASSEMBLY
-DFLW- STA 69+00
I-885 NORTHBOUND/NC 147 NORTHBOUND

12/4/2013
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rhenneln

ESTIMATED DIMENSION: 27′ X 10′
MAXIMUM DEADLOAD OF 5200 LBS

TIP NO.	SHEET NO.
U-0071	SIGN-5BD

APPROVED: [signature]

DATE: 6/24/14

SEAL

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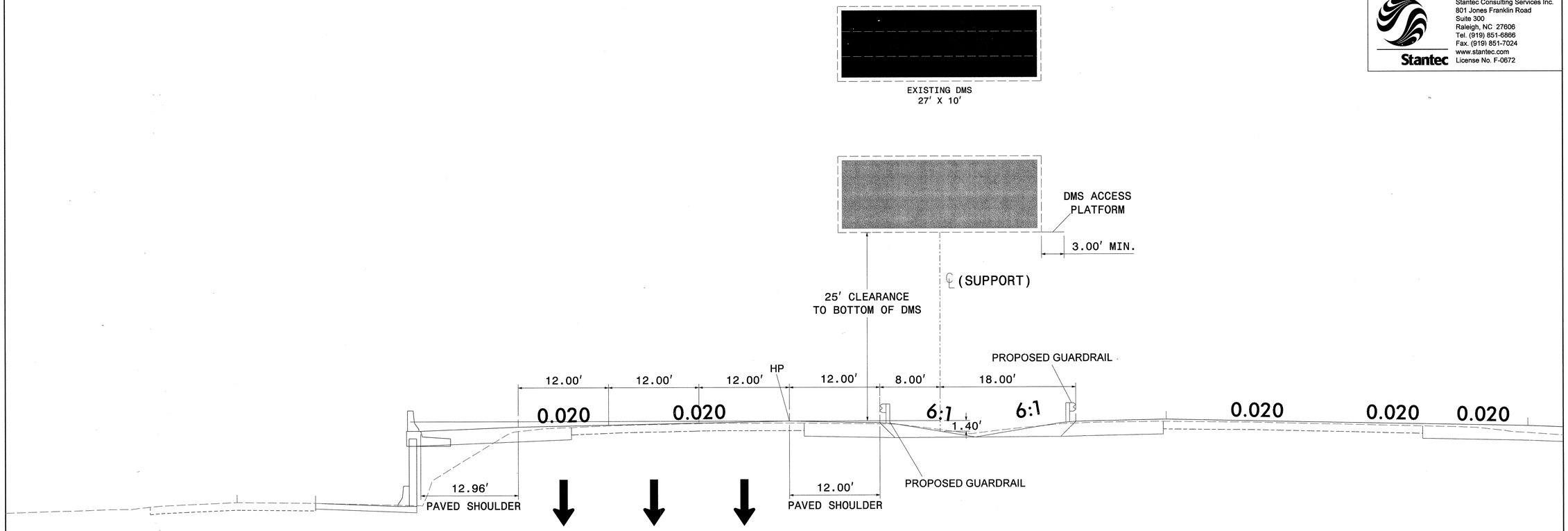

I-885 NORTHBOUND/US 70 WESTBOUND

NOTES:

1. FURNISH AND INSTALL LADDER AND ACCESS PLATFORMS ON THE DMS STRUCTURE AS INDICATED IN THE PROJECT SPECIAL PROVISIONS.
2. USE THE ACTUAL DIMENSIONS AND WEIGHT OF THE DMS PROVIDED BY THE DMS FABRICATOR TO COMPLETE THE DESIGN OF THE DMS STRUCTURE.
3. FIELD VERIFY ALL FOOTING ELEVATIONS AND GROUND SLOPES AT THE FOOTINGS LISTED USING THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES.
4. ENSURE THAT THE TOP OF THE FOOTING EXTENDS AT LEAST 6 INCHES AND NOT MORE THAN 24 INCHES ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. DESIGN AND CONSTRUCT THE PEDESTAL STRUCTURE AND DMS ENCLOSURE TO WITHSTAND WIND VELOCITIES OF 90 MPH.
6. VERIFY ALL UNDERGROUND UTILITY LOCATIONS BEFORE BEGINNING ANY UNDERGROUND WORK. DO NOT DAMAGE ANY EXISTING UTILITIES OR NCDOT COMMUNICATIONS CABLE DURING CONSTRUCTION.

OVERHEAD SIGN ASSEMBLY 'DMS-1'
-L- STA 16+09
I-885 NORTHBOUND/US 70 WESTBOUND

6/23/2014
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rhennein

TIP-NO.	SHEET NO.
U-0071	SIGN-5BE

APPROVED: BWatson

DATE: 6/24/14

SEAL

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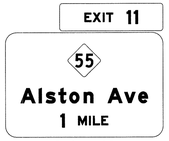
SIGN 50A
114" X 30"

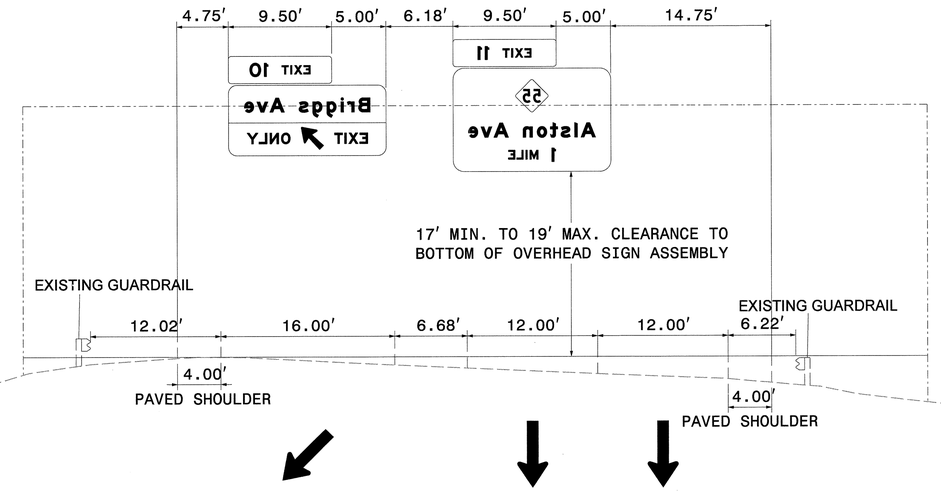


SIGN 50B
174" X 78"

SIGN 49A
114" X 30"



SIGN 49B
174" X 114"



NC 147 NORTHBOUND

OVERHEAD SIGN ASSEMBLY 'AA'
-DFWB- STA 14+77
NC 147 NORTHBOUND

6/23/2014
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TIP NO.	SHEET NO.
U-0071	SIGN-6

APPROVED: [signature]

DATE: 12/4/13

SEAL

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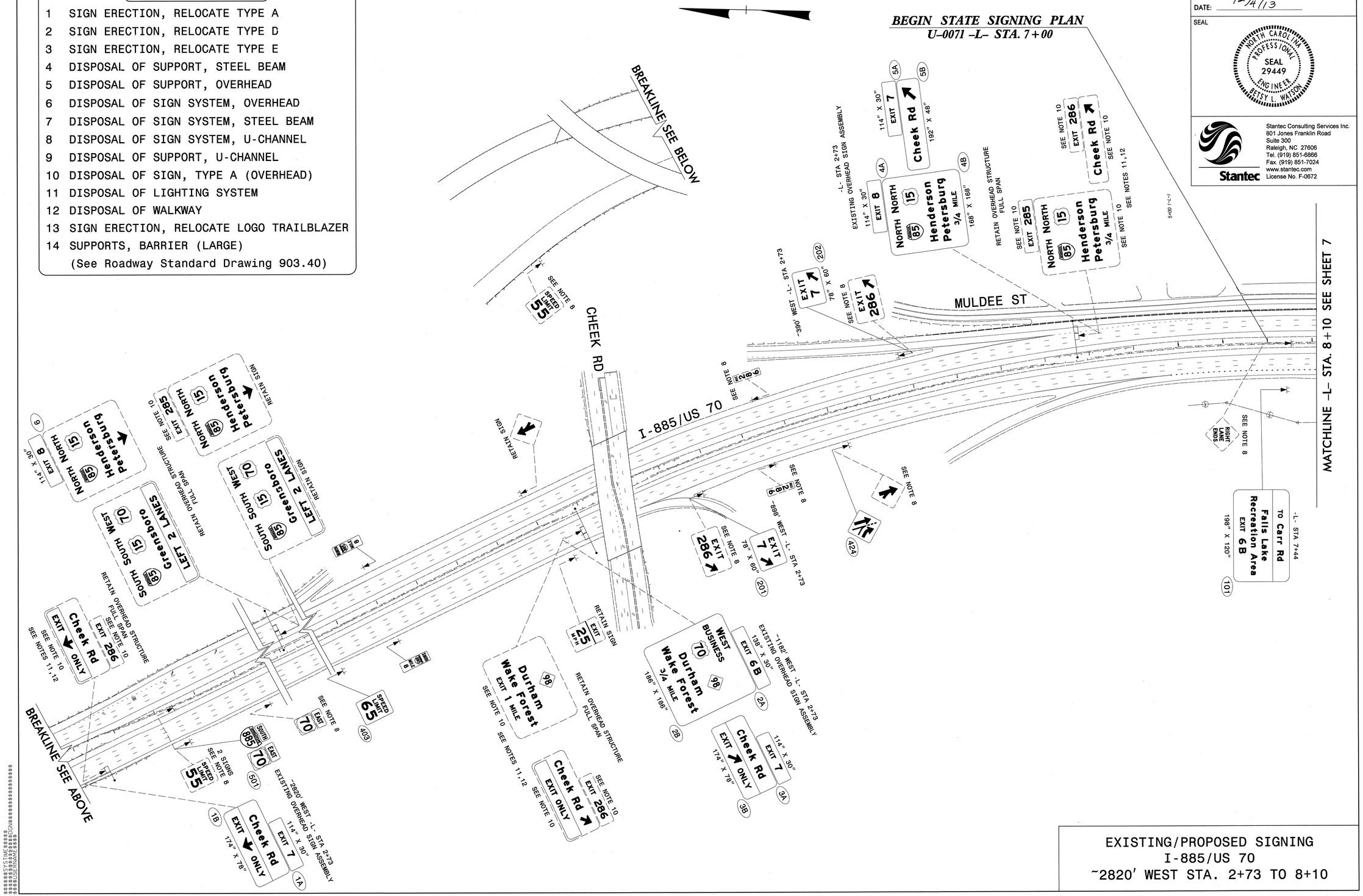
PROJECT NOTES

1 SIGN ERECTION, RELOCATE TYPE A
2 SIGN ERECTION, RELOCATE TYPE D
3 SIGN ERECTION, RELOCATE TYPE E
4 DISPOSAL OF SUPPORT, STEEL BEAM
5 DISPOSAL OF SUPPORT, OVERHEAD
6 DISPOSAL OF SIGN SYSTEM, OVERHEAD
7 DISPOSAL OF SIGN SYSTEM, STEEL BEAM
8 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
9 DISPOSAL OF SUPPORT, U-CHANNEL
10 DISPOSAL OF SIGN, TYPE A (OVERHEAD)
11 DISPOSAL OF LIGHTING SYSTEM
12 DISPOSAL OF WALKWAY
13 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
14 SUPPORTS, BARRIER (LARGE)
(See Roadway Standard Drawing 903.40)


BEGIN STATE SIGNING PLAN
U-0071 -L- STA. 7+00

EXISTING/PROPOSED SIGNING
I-885/US 70
~2820' WEST STA. 2+73 TO 8+10

PROJECT NOTES

1 SIGN ERECTION, RELOCATE TYPE A
2 SIGN ERECTION, RELOCATE TYPE D
3 SIGN ERECTION, RELOCATE TYPE E
4 DISPOSAL OF SUPPORT, STEEL BEAM
5 DISPOSAL OF SUPPORT, OVERHEAD
6 DISPOSAL OF SIGN SYSTEM, OVERHEAD
7 DISPOSAL OF SIGN SYSTEM, STEEL BEAM
8 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
9 DISPOSAL OF SUPPORT, U-CHANNEL
10 DISPOSAL OF SIGN, TYPE A (OVERHEAD)
11 DISPOSAL OF LIGHTING SYSTEM
12 DISPOSAL OF WALKWAY
13 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
14 SUPPORTS, BARRIER (LARGE)
(See Roadway Standard Drawing 903.40)

TIP NO.	SHEET NO.
U-0071	SIGN-7

APPROVED: _____
DATE: 6/24/14

SEAL

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MATCHLINE -L- STA. 8+10 SEE SHEET 6

MULDEE ST

I-885/US 70

MATCHLINE -L- STA. 36+60 SEE SHEET 8

-L- STA 16+09
OVERHEAD SIGN ASSEMBLY 'DMS-1'
27' X 10'

SPEED LIMIT 35 (404)
2 SIGNS
SPEED LIMIT 65 (454)
SPEED LIMIT 35 (404)
NORTH DURHAM 885
WEST 70 (503)
2 SIGNS (423)
OVERHEAD SIGN ASSEMBLY AT -L- STA 28+93
114" X 30"
EXIT 7
Cheek Rd 1/2 MILE
150" X 66"
LANE ENDS (12)
90" X 102"
SPEED LIMIT 35 (404)
SEE NOTE 7
EXIT 286
Cheek Rd 1/2 MILE
SPEED LIMIT 55 (404)
SEE NOTE 5
RETAIN DMS
2 SIGNS
SEE NOTE 8
SPEED LIMIT 55
2 SIGNS
RIGHT LANE ENDS (422)
SEE NOTE 8
WEST 70 BY-PASS

SOUTH DURHAM 885
EAST 70 (502)
SPEED LIMIT 65 (403)
2 SIGNS
SEE NOTE 8
OVERHEAD SIGN ASSEMBLY AT -L- STA 14+31
138" X 30"
EXIT 6B (7A)
WEST BUSINESS 70 98
Durham
Wake Forest
1/4 MILE
EXIT ONLY
186" X 222" (7B)

70 EAST
RDU Airport
Raleigh
SEE NOTE 6
98
Durham
Wake Forest
EXIT 1/2 MILE

-L- STA 20+91
GAS - NEXT RIGHT
FOOD - NEXT RIGHT
180" X 138" (901)
EXIT 6B
84" X 18" (601)
EXIT 6B
84" X 18" (602)

SEE NOTES 1,4
GAS - NEXT RIGHT
FOOD - NEXT RIGHT

SOUTH TO 885 (DURHAM) 40 (RALEIGH) 147
RDU Airport
252" X 180" (8)
70 EAST
Raleigh
1 MILE
EXIT ONLY
174" X 180" (9B)
OVERHEAD SIGN ASSEMBLY AT -L- STA 27+51
138" X 30"
EXIT 6A (9A)
WEST BUSINESS 70 98
Durham
Wake Forest
EXIT ONLY
186" X 198" (10B)
138" X 30"
EXIT 6B (10A)

-L- STA 33+68
EXIT 6B
90" X 60" (203)
SEE NOTE 7
FALLS LAKE RECREATION AREA
NEXT RIGHT
-RAMP- STA 18+13
GAS
FOOD
90" X 84" (902)

EXISTING/PROPOSED SIGNING
I-885/US 70
STA. 8+10 TO 36+60

PROJECT NOTES

1 SIGN ERECTION, RELOCATE TYPE A
2 SIGN ERECTION, RELOCATE TYPE D
3 SIGN ERECTION, RELOCATE TYPE E
4 DISPOSAL OF SUPPORT, STEEL BEAM
5 DISPOSAL OF SUPPORT, OVERHEAD
6 DISPOSAL OF SIGN SYSTEM, OVERHEAD
7 DISPOSAL OF SIGN SYSTEM, STEEL BEAM
8 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
9 DISPOSAL OF SUPPORT, U-CHANNEL
10 DISPOSAL OF SIGN, TYPE A (OVERHEAD)
11 DISPOSAL OF LIGHTING SYSTEM
12 DISPOSAL OF WALKWAY
13 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER

TIP NO.	SHEET NO.
U-0071	SIGN-8

APPROVED: [signature]

DATE: 12/4/13

SEAL

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HOOVER RD

NC 98/ HOLLOWAY ST

SOUTHERLAND ST

HERBERT ST

US 70

MATCHLINE –L– STA. 36+60 SEE SHEET 7

MATCHLINE –L– STA. 61+70 SEE SHEET 10

MATCHLINE –Y1– STA. 26+00 SEE SHEET 22

EXISTING SIGNING
US 70
STA. 36+60 TO 61+70

TIP NO.	SHEET NO.
U-0071	SIGN-9

APPROVED: [signature]

DATE: 12/4/13

SEAL

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HOOVER RD

NC 98/ HOLLOWAY ST

MULDEE ST

SOUTHERLAND ST

HERBERT ST

I-885/US 70

MATCHLINE –L– STA. 36+60 SEE SHEET 7

MATCHLINE –Y1– STA. 26+00 SEE SHEET 23

MATCHLINE –L– STA. 61+70 SEE SHEET 11

OVERHEAD SIGN ASSEMBLY AT -Y1- STA 35+42

NORTH WEST 885 70 Greensboro 210" X 162"

WEST BUSINESS 70 98 210" X 138"

SOUTH EAST 885 70 Raleigh 156" X 162"

OVERHEAD SIGN ASSEMBLY AT -Y1- STA 30+48

NORTH WEST 885 70 Greensboro 174" X 162"

EAST 98 78" X 84"

SOUTH EAST 885 70 Raleigh 156" X 162"

OVERHEAD SIGN ASSEMBLY AT -L- STA 60+14

SOUTH 885 TO 40 TO 147 RDU Airport 252" X 180"

70 EAST Raleigh EXIT ONLY 222" X 150"

EXIT 6A 198" X 30"

PROPOSED SIGNING
I-885/US 70
STA. 36+60 TO 61+70

TIP NO.	SHEET NO.
U-0071	SIGN-10

APPROVED: [signature]

DATE: 12/4/13

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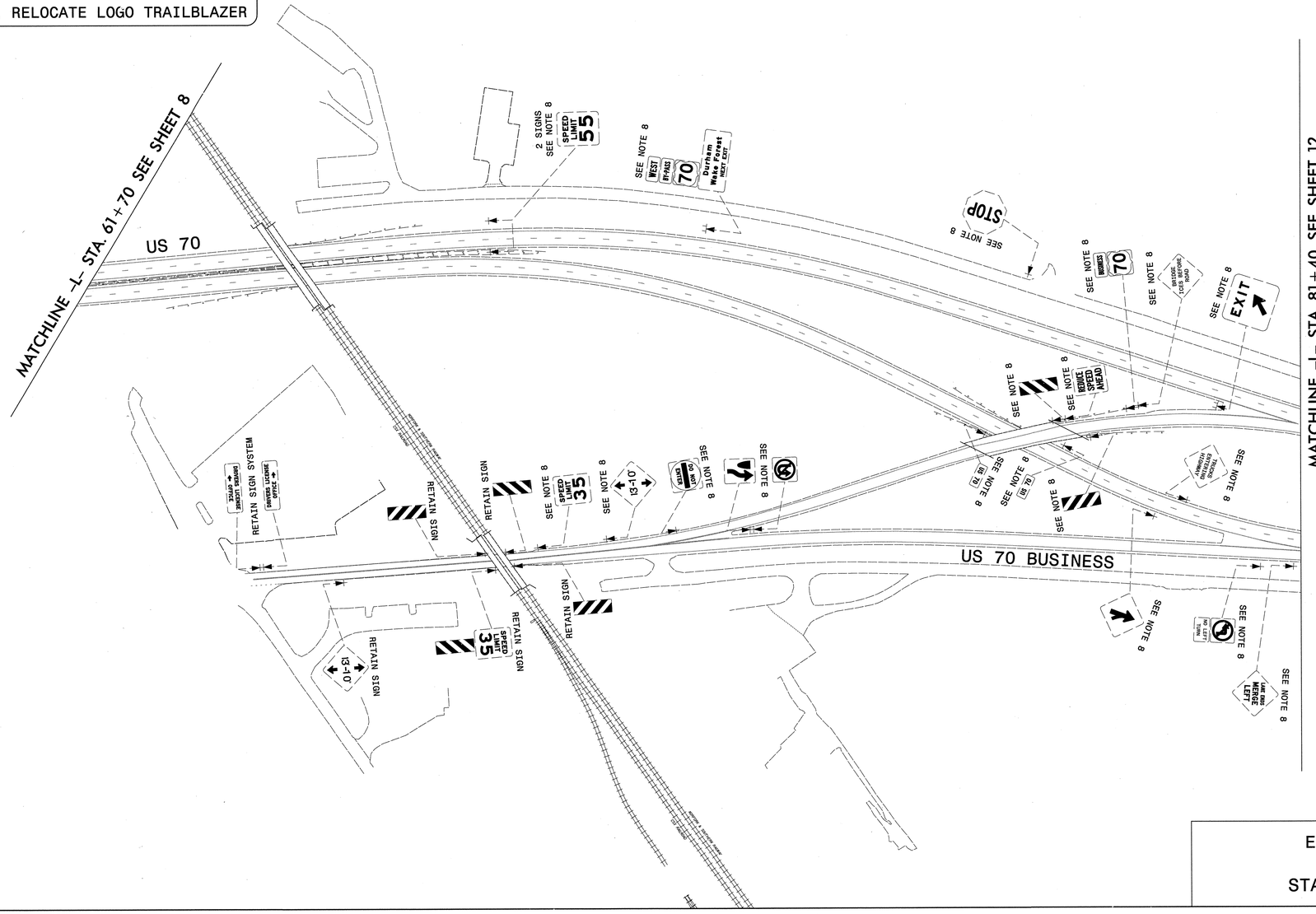
License No. F-0672

PROJECT NOTES

1 SIGN ERECTION, RELOCATE TYPE A
2 SIGN ERECTION, RELOCATE TYPE D
3 SIGN ERECTION, RELOCATE TYPE E
4 DISPOSAL OF SUPPORT, STEEL BEAM
5 DISPOSAL OF SUPPORT, OVERHEAD
6 DISPOSAL OF SIGN SYSTEM, OVERHEAD
7 DISPOSAL OF SIGN SYSTEM, STEEL BEAM
8 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
9 DISPOSAL OF SUPPORT, U-CHANNEL
10 DISPOSAL OF SIGN, TYPE A (OVERHEAD)
11 DISPOSAL OF LIGHTING SYSTEM
12 DISPOSAL OF WALKWAY
13 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER


MATCHLINE -L- STA. 61+70 SEE SHEET 8
US 70
2 SIGNS SEE NOTE 8
SPEED LIMIT 55
SEE NOTE 8
WEST BYPASS 70
Durham Wake Forest NEXT EXIT
STOP
SEE NOTE 8
SEE NOTE 8
BUSINESS 70
SEE NOTE 8
BUSTONE ROAD
SEE NOTE 8
EXIT
SEE NOTE 8
REDUCE SPEED AHEAD
SEE NOTE 8
SEE NOTE 8
SEE NOTE 8

TIP NO.	SHEET NO.
U-0071	SIGN-11

APPROVED: [signature]

DATE: 12/4/13

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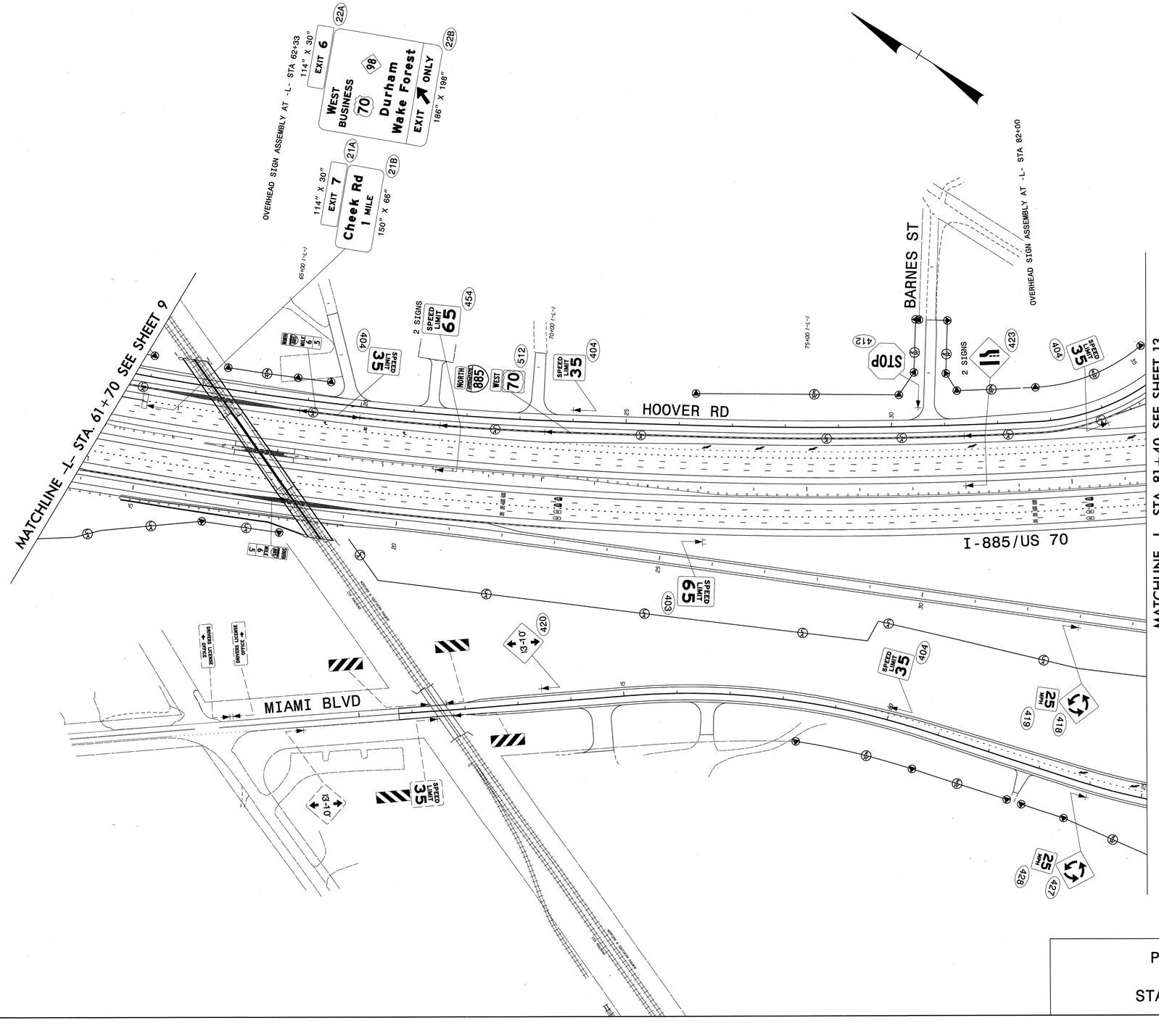

PROPOSED SIGNING
I-885/US 70
STA. 61+70 TO 81+40

TIP NO.	SHEET NO.
U-0071	SIGN-12

APPROVED: [signature]

DATE: 12/4/13

SEAL

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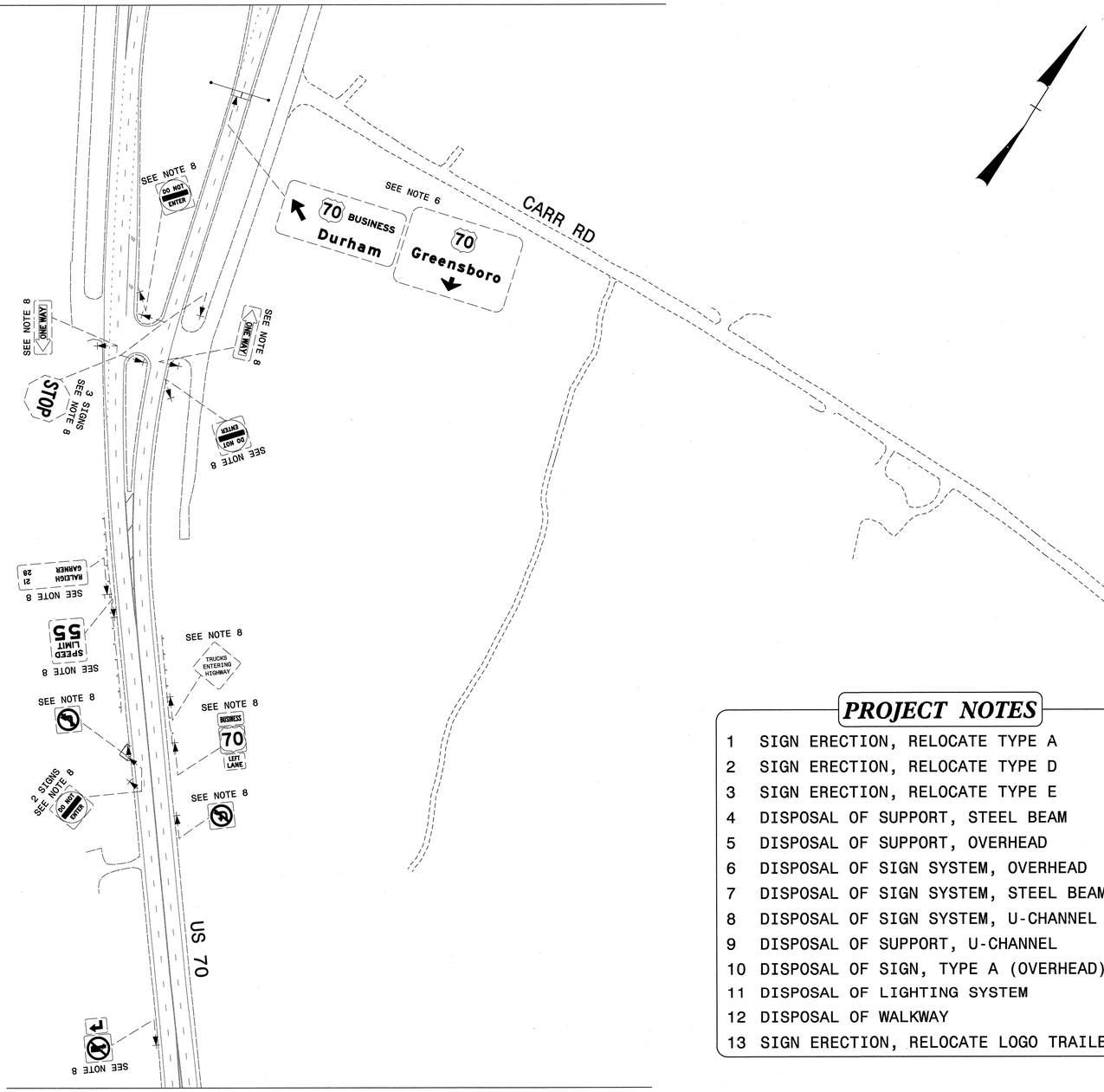
MATCHLINE –L– STA. 81+40 SEE SHEET 10



MATCHLINE –L– STA. 98+55 SEE SHEET 14

PROJECT NOTES

1 SIGN ERECTION, RELOCATE TYPE A
2 SIGN ERECTION, RELOCATE TYPE D
3 SIGN ERECTION, RELOCATE TYPE E
4 DISPOSAL OF SUPPORT, STEEL BEAM
5 DISPOSAL OF SUPPORT, OVERHEAD
6 DISPOSAL OF SIGN SYSTEM, OVERHEAD
7 DISPOSAL OF SIGN SYSTEM, STEEL BEAM
8 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
9 DISPOSAL OF SUPPORT, U-CHANNEL
10 DISPOSAL OF SIGN, TYPE A (OVERHEAD)
11 DISPOSAL OF LIGHTING SYSTEM
12 DISPOSAL OF WALKWAY
13 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER

EXISTING SIGNING
US 70
STA. 81+40 TO 98+55

SYSTIME=Wed Dec 04 08:00:00 2013
USER=jbrown
DGN=sign12.dgn

TIP NO.	SHEET NO.
U-0071	SIGN-13

APPROVED: [signature]

DATE: 12/4/13

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MATCHLINE –L– STA. 81+40 SEE SHEET 11

OVERHEAD SIGN ASSEMBLY AT -L- STA 82+00
114" X 30"
EXIT 6 (24A)
WEST BUSINESS 70 98
Durham
Wake Forest
EXIT ONLY (24B)
186" X 198"

LANE ENDS (25) 90" X 102"

OVERHEAD SIGN ASSEMBLY AT -L- STA 84+58
222" X 150" (27B)
EXIT ONLY
Raleigh
70 EAST
EXIT 6A (27A)
138" X 30"

252" X 180" (26)
RDU Airport
SOUTH 885 INTERSTATE
TO 40 147

HOOVER RD

CARR RD

MIAMI BLVD

EAST END AVE

I-885/WEST US 70

EAST US 70

-Y5- STA 27+22 Miami Blvd 66" X 18" (313)

-Y7- STA 24+91 Carr Rd 54" X 18" (312)

-Y6- STA 9+10 East End Ave 78" X 18" (316)

-Y7- STA 26+80 Carr Rd 54" X 18" (305)

-Y7- STA 23+50 Carr Rd 54" X 18" (307)

-Y7- STA 25+78 Raleigh Greensboro 66" X 30" (306)

-Y7- STA 15+08 Carr Rd 54" X 18" (310)

-SR2- STA 41+65 Raleigh Greensboro 66" X 30" (315)

-SR2- STA 42+62 Hoover Rd 66" X 18" (314)

-Y7- STA 22+45 Raleigh 54" X 18" (311)

-Y7- STA 16+08 Greensboro 66" X 18" (308)

-Y7- STA 13+98 Carr Rd 54" X 18" (309)

-L- STA 89+02 EXIT 6A 90" X 60" (205)

-L- STA 87+00
GAS - NEXT RIGHT
FOOD - NEXT RIGHT
180" X 138" (904)

2 SIGNS WRONG WAY (407)

DO NOT ENTER (406)

2 SIGNS RIGHT LANE ENDS (431)

RIGHT LANE ENDS (422)

3 SIGNS (433)

4 SIGNS (433)

SPEED LIMIT 35 (404)

SPEED LIMIT 65 (403)

25 MPH (427 428)

6 MILE SLOW 45 MPH

NORTH 885 MILE 6

2 SIGNS EXIT 6 84" X 18" (603 604)

NO OUTLET (414)

OVERHEAD SIGN ASSEMBLY AT -L- STA 90+98
114" X 30"
EXIT 6 (23A)
WEST BUSINESS 70 98
Durham
Wake Forest
1/2 MILE
EXIT ONLY (23B)
186" X 222"

-L- STA 96+30
Falls Lake Recreation Area
EXIT 6
198" X 84" (104)

* 434 435

** 434 436

MATCHLINE –L– STA. 98+55 SEE SHEET 14

PROPOSED SIGNING
I-885/US 70
STA. 81+40 TO 98+55

TIP NO.	SHEET NO.
U-0071	SIGN-14

APPROVED: Betsy L. Watson

DATE: 12/20/13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 29449 ENGINEER BETSY L. WATSON

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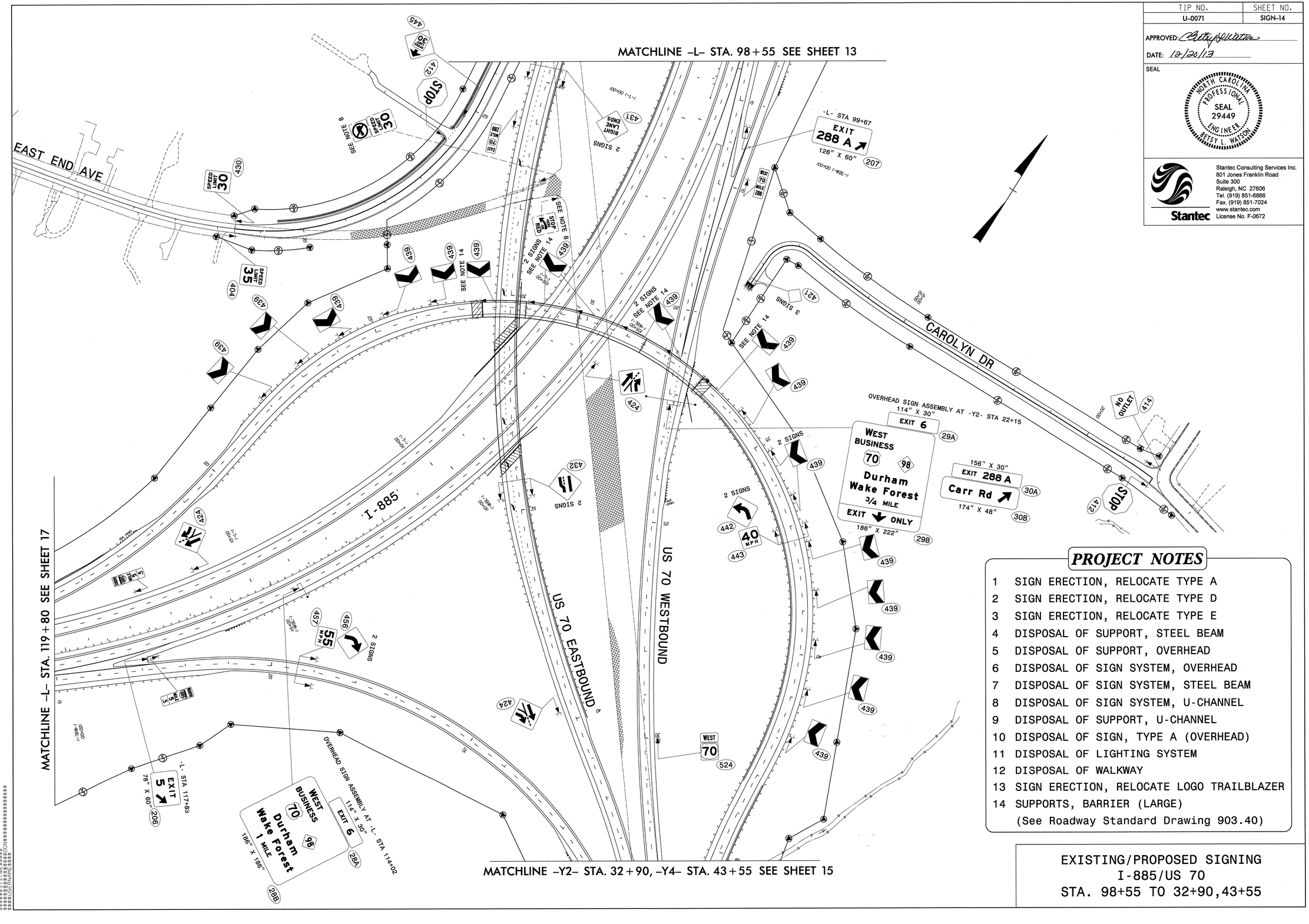

PROJECT NOTES

1 SIGN ERECTION, RELOCATE TYPE A
2 SIGN ERECTION, RELOCATE TYPE D
3 SIGN ERECTION, RELOCATE TYPE E
4 DISPOSAL OF SUPPORT, STEEL BEAM
5 DISPOSAL OF SUPPORT, OVERHEAD
6 DISPOSAL OF SIGN SYSTEM, OVERHEAD
7 DISPOSAL OF SIGN SYSTEM, STEEL BEAM
8 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
9 DISPOSAL OF SUPPORT, U-CHANNEL
10 DISPOSAL OF SIGN, TYPE A (OVERHEAD)
11 DISPOSAL OF LIGHTING SYSTEM
12 DISPOSAL OF WALKWAY
13 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
14 SUPPORTS, BARRIER (LARGE)
(See Roadway Standard Drawing 903.40)

EXISTING/PROPOSED SIGNING
I-885/US 70
STA. 98+55 TO 32+90,43+55

$$$$SYSTIME$$$$
$$$$USERNAME$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-15

APPROVED: [signature]

DATE: 12/4/13

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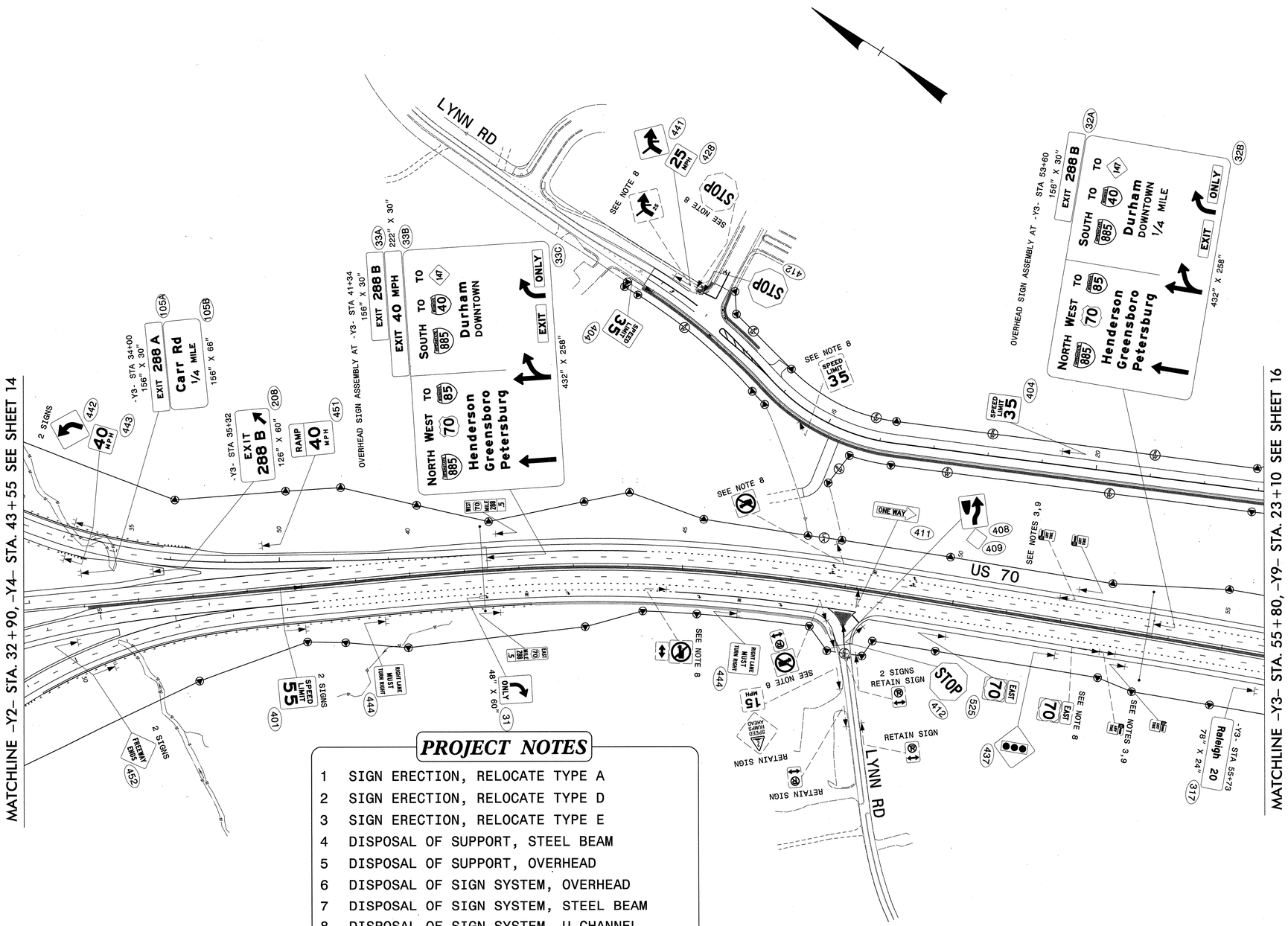

PROJECT NOTES

1 SIGN ERECTION, RELOCATE TYPE A
2 SIGN ERECTION, RELOCATE TYPE D
3 SIGN ERECTION, RELOCATE TYPE E
4 DISPOSAL OF SUPPORT, STEEL BEAM
5 DISPOSAL OF SUPPORT, OVERHEAD
6 DISPOSAL OF SIGN SYSTEM, OVERHEAD
7 DISPOSAL OF SIGN SYSTEM, STEEL BEAM
8 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
9 DISPOSAL OF SUPPORT, U-CHANNEL
10 DISPOSAL OF SIGN, TYPE A (OVERHEAD)
11 DISPOSAL OF LIGHTING SYSTEM
12 DISPOSAL OF WALKWAY
13 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
14 SUPPORTS, BARRIER (LARGE)
(See Roadway Standard Drawing 903.40)

EXISTING/PROPOSED SIGNING
US 70
STA. 32+90,43+55 TO 55+80,23+10

TIP NO.	SHEET NO.
U-0071	SIGN-16

APPROVED: [signature]

DATE: 12/4/13

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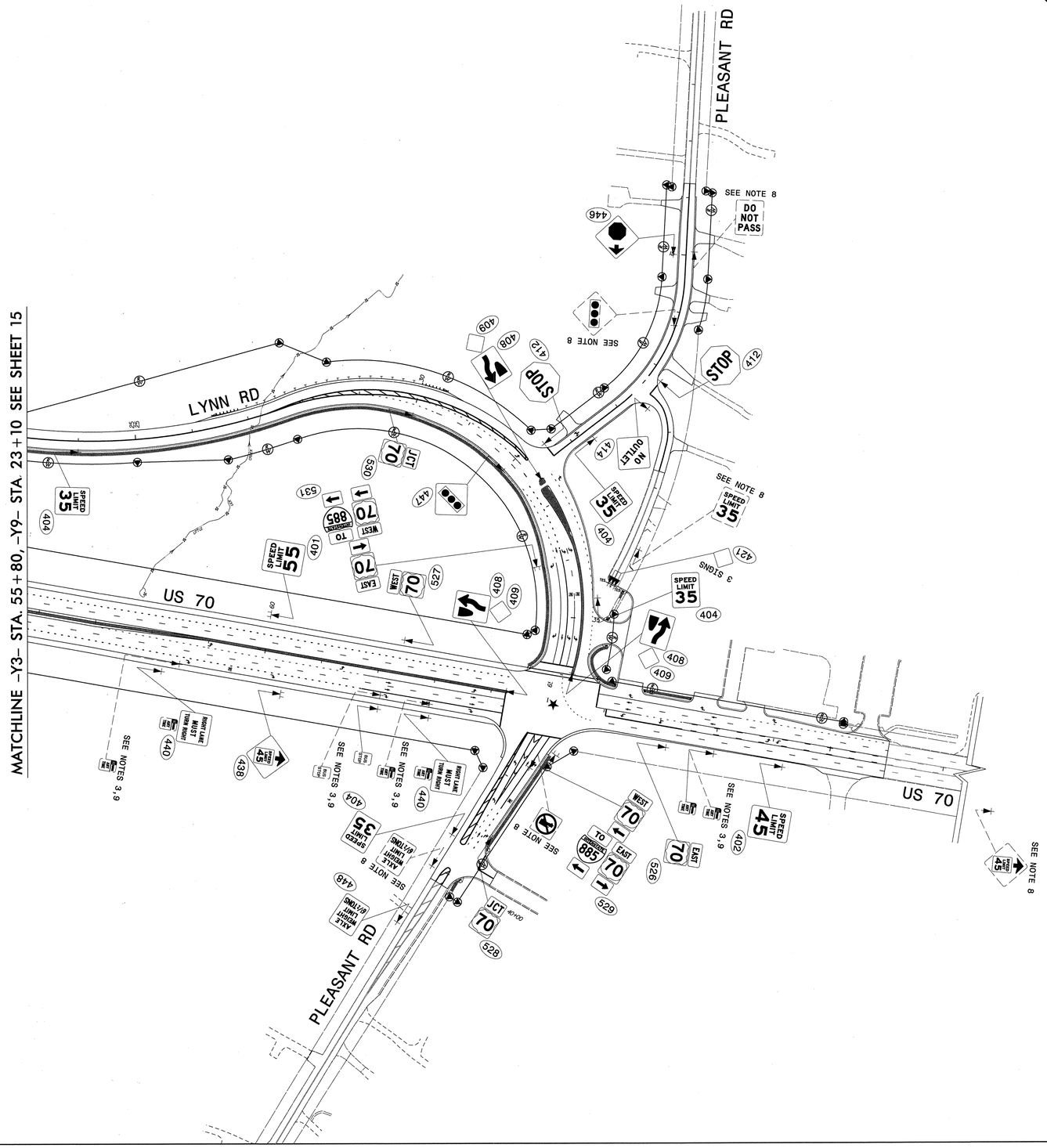
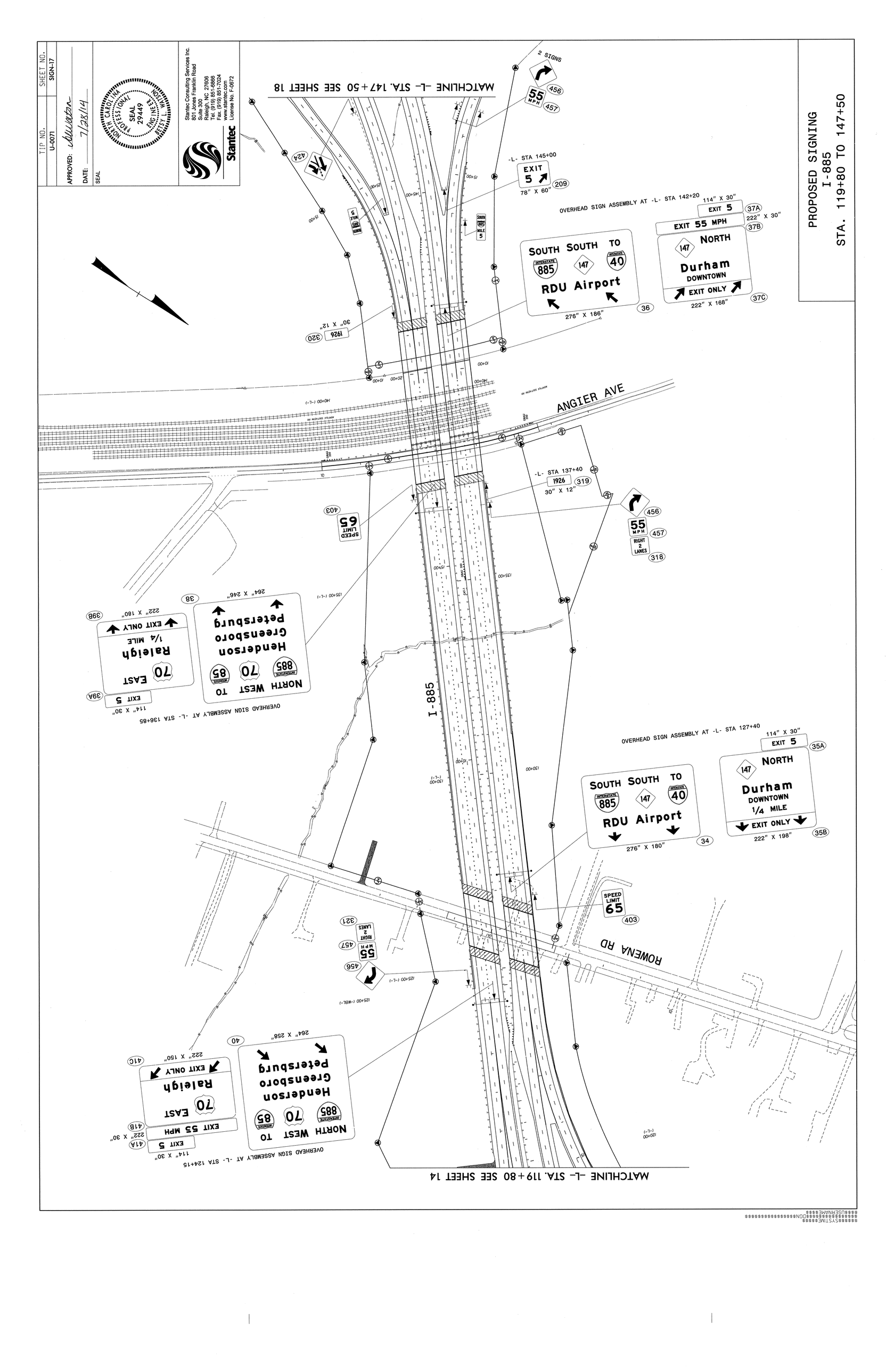


PROJECT NOTES

1 SIGN ERECTION, RELOCATE TYPE A
2 SIGN ERECTION, RELOCATE TYPE D
3 SIGN ERECTION, RELOCATE TYPE E
4 DISPOSAL OF SUPPORT, STEEL BEAM
5 DISPOSAL OF SUPPORT, OVERHEAD
6 DISPOSAL OF SIGN SYSTEM, OVERHEAD
7 DISPOSAL OF SIGN SYSTEM, STEEL BEAM
8 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
9 DISPOSAL OF SUPPORT, U-CHANNEL
10 DISPOSAL OF SIGN, TYPE A (OVERHEAD)
11 DISPOSAL OF LIGHTING SYSTEM
12 DISPOSAL OF WALKWAY
13 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
14 SUPPORTS, BARRIER (LARGE)
(See Roadway Standard Drawing 903.40)

EXISTING/PROPOSED SIGNING
US 70
STA. 55+80,23+10 TO 72+48


TIP NO. U-0071
SHEET NO. SIGN-17
APPROVED: [signature]
DATE: 7/28/14
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Stantec
PROPOSED SIGNING
I-885
STA. 119+80 TO 147+50
MATCHLINE -L- STA. 147+50 SEE SHEET 18
MATCHLINE -L- STA. 119+80 SEE SHEET 14
2 SIGNS
55 MPH
456
457
424
-L- STA 145+00
EXIT 5
78" X 60"
209
OVERHEAD SIGN ASSEMBLY AT -L- STA 142+20
114" X 30"
EXIT 5
37A
EXIT 55 MPH
222" X 30"
37B
SOUTH SOUTH TO
INTERSTATE 885
147
INTERSTATE 40
RDU Airport
276" X 186"
36
NORTH
147
Durham
DOWNTOWN
EXIT ONLY
222" X 168"
37C
ANGIER AVE
-L- STA 137+40
1926
319
30" X 12"
403
SPEED LIMIT 65
456
55 MPH
457
RIGHT 2 LANES
318
I-885
OVERHEAD SIGN ASSEMBLY AT -L- STA 127+40
114" X 30"
EXIT 5
35A
SOUTH SOUTH TO
INTERSTATE 885
147
INTERSTATE 40
RDU Airport
276" X 180"
34
NORTH
147
Durham
DOWNTOWN
1/4 MILE
EXIT ONLY
222" X 198"
35B
ROWENA RD
SPEED LIMIT 65
403
321
RIGHT 2 LANES
55 MPH
457
456
OVERHEAD SIGN ASSEMBLY AT -L- STA 136+85
114" X 30"
EXIT 5
39A
70 EAST
Raleigh
1/4 MILE
EXIT ONLY
222" X 180"
398
38
264" X 246"
NORTH WEST TO
INTERSTATE 885
70
85
Henderson
Greensboro
Petersburg
OVERHEAD SIGN ASSEMBLY AT -L- STA 124+15
114" X 30"
EXIT 5
414
70 EAST
Raleigh
EXIT ONLY
222" X 150"
410
EXIT 55 MPH
418
40
264" X 258"
NORTH WEST TO
INTERSTATE 885
70
85
Henderson
Greensboro
Petersburg

TIP NO.	SHEET NO.
U-0071	SIGN-18

APPROVED: _____

DATE: 7/28/14

SEAL

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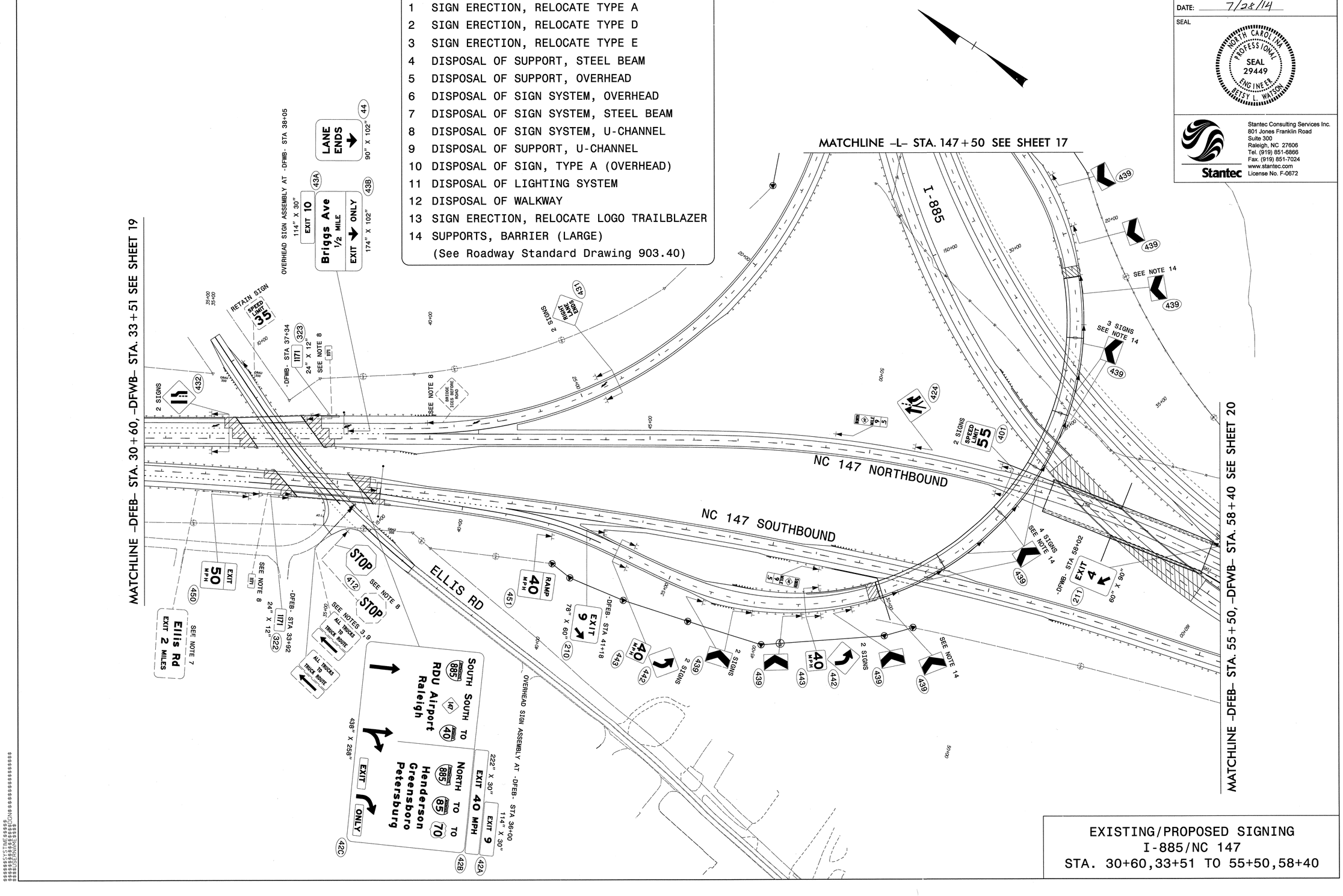
PROJECT NOTES

1 SIGN ERECTION, RELOCATE TYPE A
2 SIGN ERECTION, RELOCATE TYPE D
3 SIGN ERECTION, RELOCATE TYPE E
4 DISPOSAL OF SUPPORT, STEEL BEAM
5 DISPOSAL OF SUPPORT, OVERHEAD
6 DISPOSAL OF SIGN SYSTEM, OVERHEAD
7 DISPOSAL OF SIGN SYSTEM, STEEL BEAM
8 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
9 DISPOSAL OF SUPPORT, U-CHANNEL
10 DISPOSAL OF SIGN, TYPE A (OVERHEAD)
11 DISPOSAL OF LIGHTING SYSTEM
12 DISPOSAL OF WALKWAY
13 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
14 SUPPORTS, BARRIER (LARGE)
(See Roadway Standard Drawing 903.40)



EXISTING/PROPOSED SIGNING
I-885/NC 147
STA. 30+60,33+51 TO 55+50,58+40

TIP NO.	SHEET NO.
U-0071	SIGN-19

APPROVED: [signature]

DATE: 12/4/13

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MATCHLINE -DFEB- STA. 30+60, -DFWB- STA. 33+51 SEE SHEET 18

BREAKLINE SEE BELOW

BREAKLINE SEE ABOVE

NC 147

PROJECT NOTES

1 SIGN ERECTION, RELOCATE TYPE A
2 SIGN ERECTION, RELOCATE TYPE D
3 SIGN ERECTION, RELOCATE TYPE E
4 DISPOSAL OF SUPPORT, STEEL BEAM
5 DISPOSAL OF SUPPORT, OVERHEAD
6 DISPOSAL OF SIGN SYSTEM, OVERHEAD
7 DISPOSAL OF SIGN SYSTEM, STEEL BEAM
8 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
9 DISPOSAL OF SUPPORT, U-CHANNEL
10 DISPOSAL OF SIGN, TYPE A (OVERHEAD)
11 DISPOSAL OF LIGHTING SYSTEM
12 DISPOSAL OF WALKWAY
13 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
14 SUPPORTS, BARRIER (LARGE)
(See Roadway Standard Drawing 903.40)

EXISTING/PROPOSED SIGNING
NC 147
STA. 2+30,4+85 TO 30+60,33+51

TIP NO.	SHEET NO.
U-0071	SIGN-20

APPROVED: Selwatson

DATE: 7/28/14

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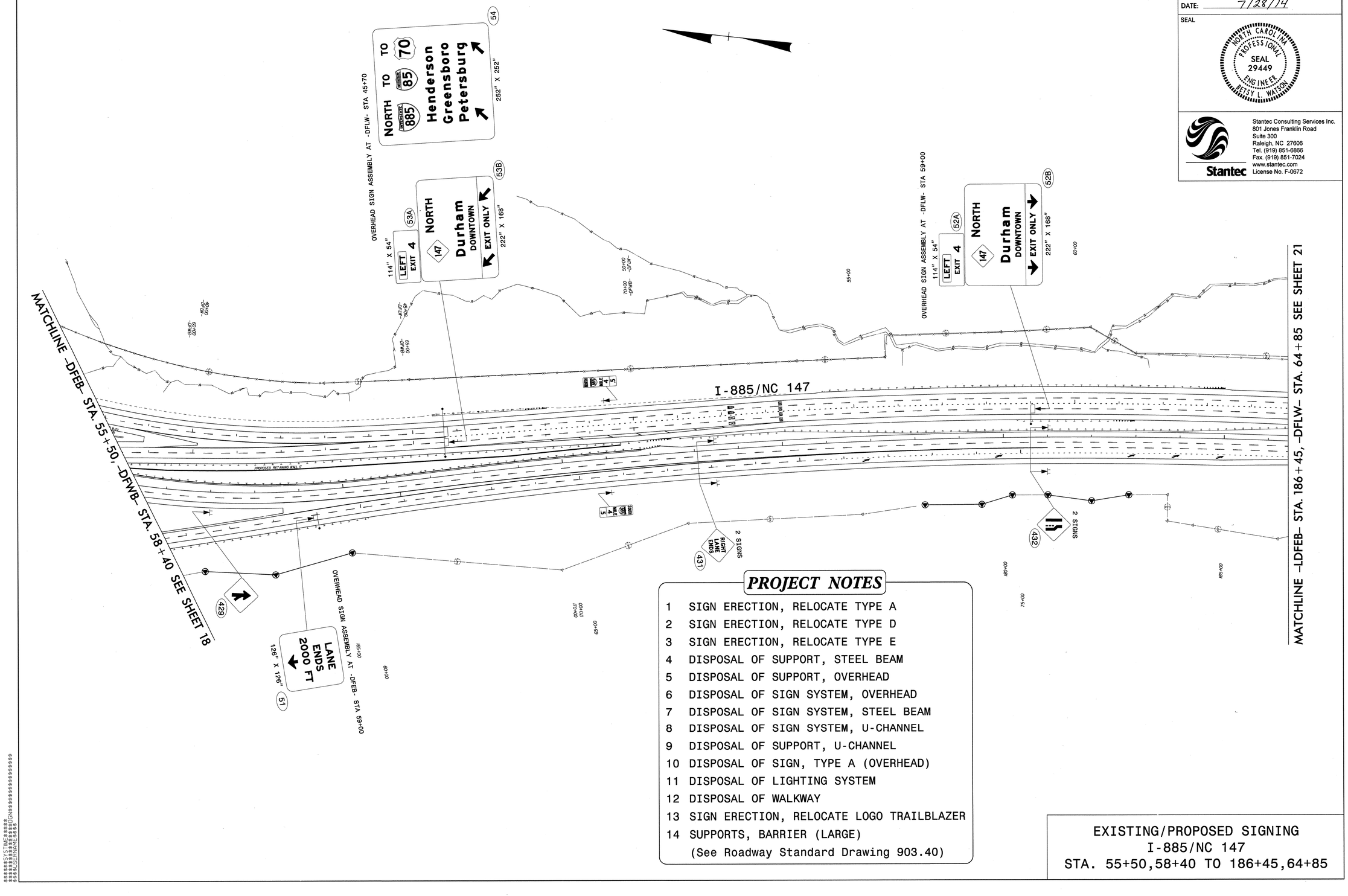

PROJECT NOTES

1 SIGN ERECTION, RELOCATE TYPE A
2 SIGN ERECTION, RELOCATE TYPE D
3 SIGN ERECTION, RELOCATE TYPE E
4 DISPOSAL OF SUPPORT, STEEL BEAM
5 DISPOSAL OF SUPPORT, OVERHEAD
6 DISPOSAL OF SIGN SYSTEM, OVERHEAD
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11 DISPOSAL OF LIGHTING SYSTEM
12 DISPOSAL OF WALKWAY
13 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
14 SUPPORTS, BARRIER (LARGE)
(See Roadway Standard Drawing 903.40)

EXISTING/PROPOSED SIGNING
I-885/NC 147
STA. 55+50,58+40 TO 186+45,64+85

$$$$$$SYSTIME$$$$$$
$$$$$$SYSNAME$$$$$$
$$$$$$USERNAME$$$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-21

APPROVED: [signature]

DATE: 6/24/14

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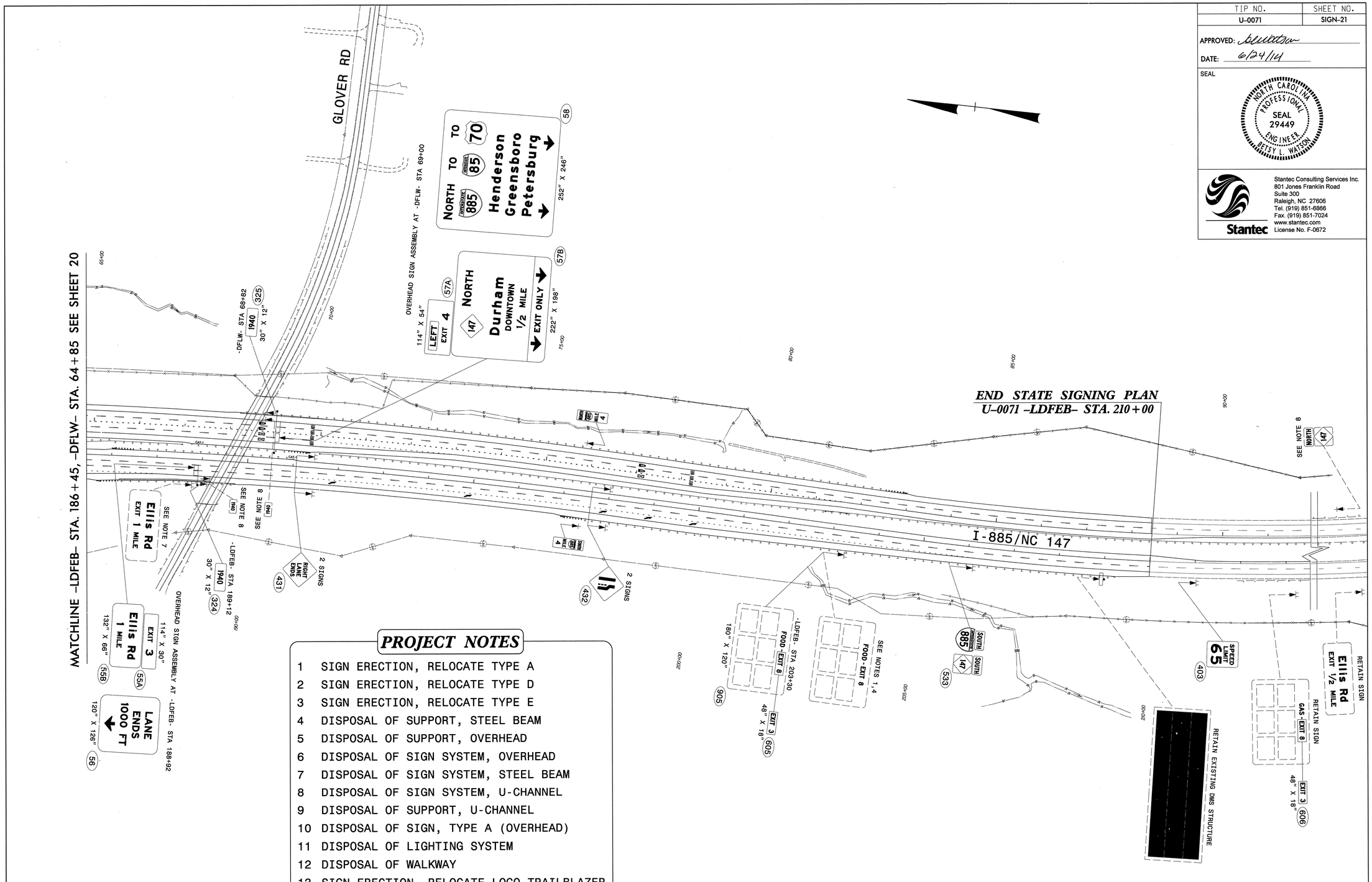

PROJECT NOTES

1 SIGN ERECTION, RELOCATE TYPE A
2 SIGN ERECTION, RELOCATE TYPE D
3 SIGN ERECTION, RELOCATE TYPE E
4 DISPOSAL OF SUPPORT, STEEL BEAM
5 DISPOSAL OF SUPPORT, OVERHEAD
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11 DISPOSAL OF LIGHTING SYSTEM
12 DISPOSAL OF WALKWAY
13 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
14 SUPPORTS, BARRIER (LARGE)
(See Roadway Standard Drawing 903.40)

EXISTING/PROPOSED SIGNING
I-885/NC 147
STA. 186+45,64+85 TO 214+79

TIP NO.	SHEET NO.
U-0071	SIGN-22

APPROVED: [signature]

DATE: 12/4/13

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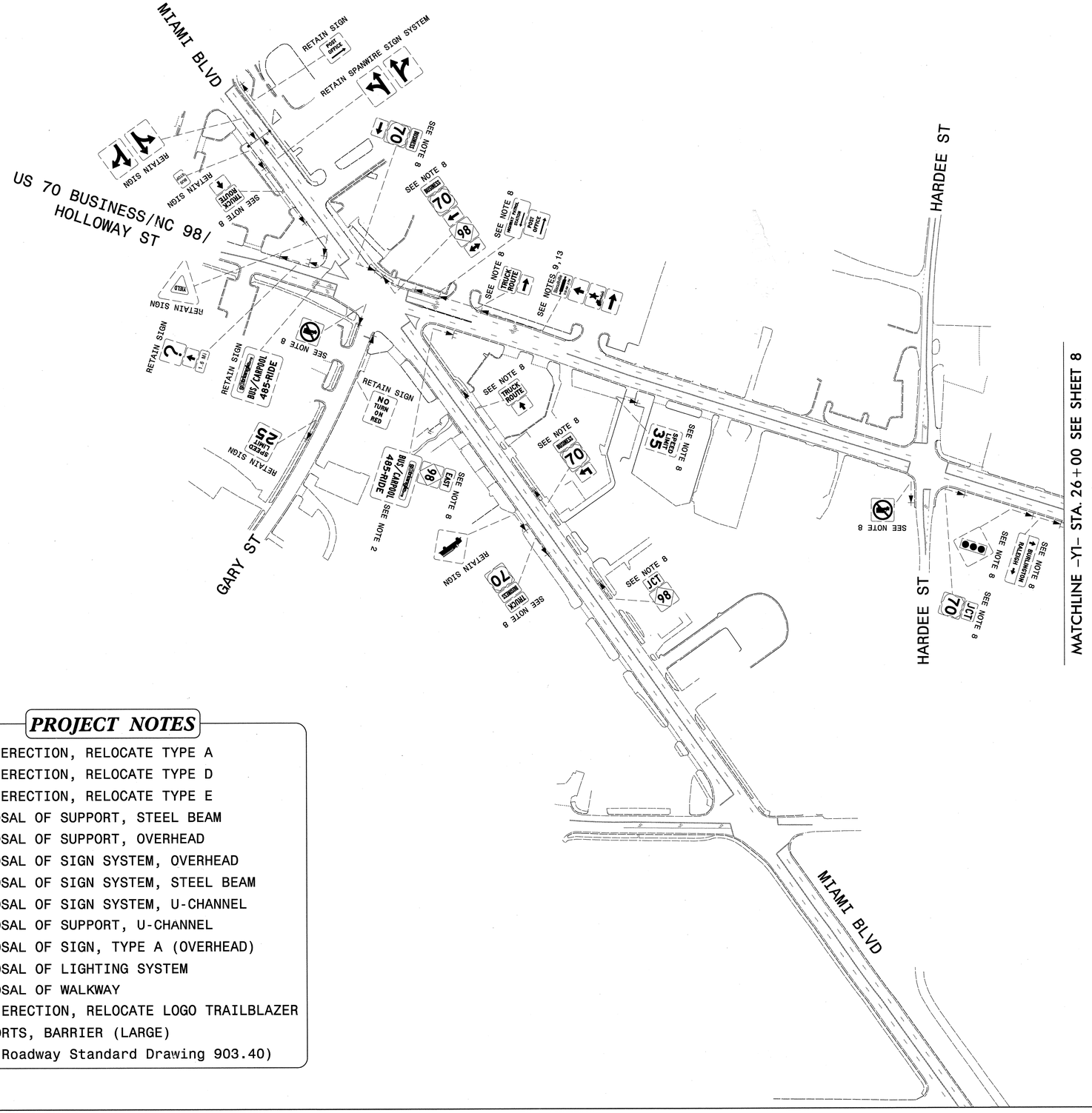

PROJECT NOTES

1 SIGN ERECTION, RELOCATE TYPE A
2 SIGN ERECTION, RELOCATE TYPE D
3 SIGN ERECTION, RELOCATE TYPE E
4 DISPOSAL OF SUPPORT, STEEL BEAM
5 DISPOSAL OF SUPPORT, OVERHEAD
6 DISPOSAL OF SIGN SYSTEM, OVERHEAD
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11 DISPOSAL OF LIGHTING SYSTEM
12 DISPOSAL OF WALKWAY
13 SIGN ERECTION, RELOCATE LOGO TRAILBLAZER
14 SUPPORTS, BARRIER (LARGE)
(See Roadway Standard Drawing 903.40)

EXISTING SIGNING
NC 98
STA. 9+80 TO 26+00

$$$$$SYSTIME$$$$$
$$$$$SYSTIME$$$$$
$$$$$LOGENAME$$$$$

TIP NO.	SHEET NO.
U-0071	SIGN-23

APPROVED: [signature]

DATE: 12/4/13

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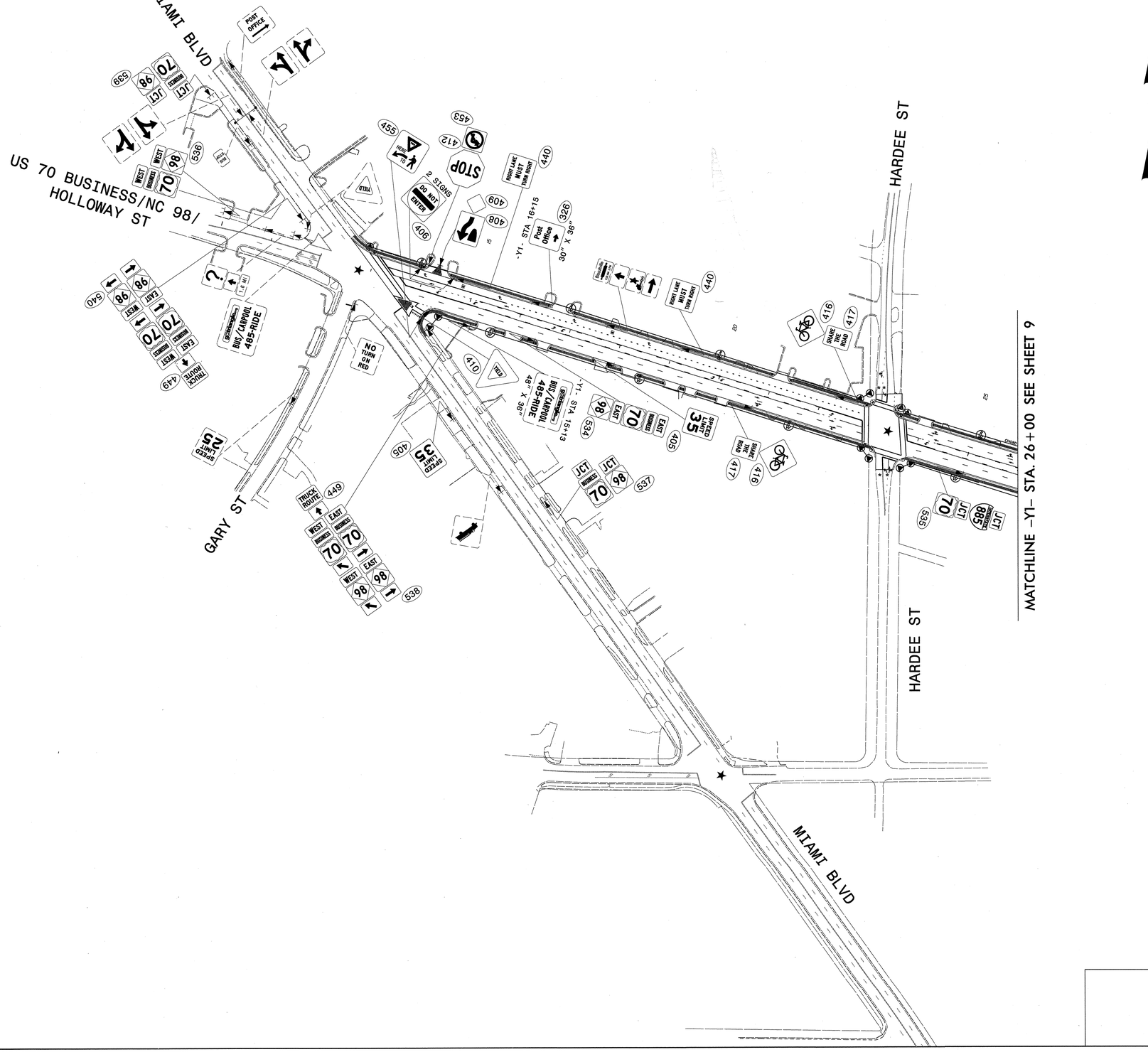

PROPOSED SIGNING
NC 98
STA. 9+80 TO 26+00