

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION**

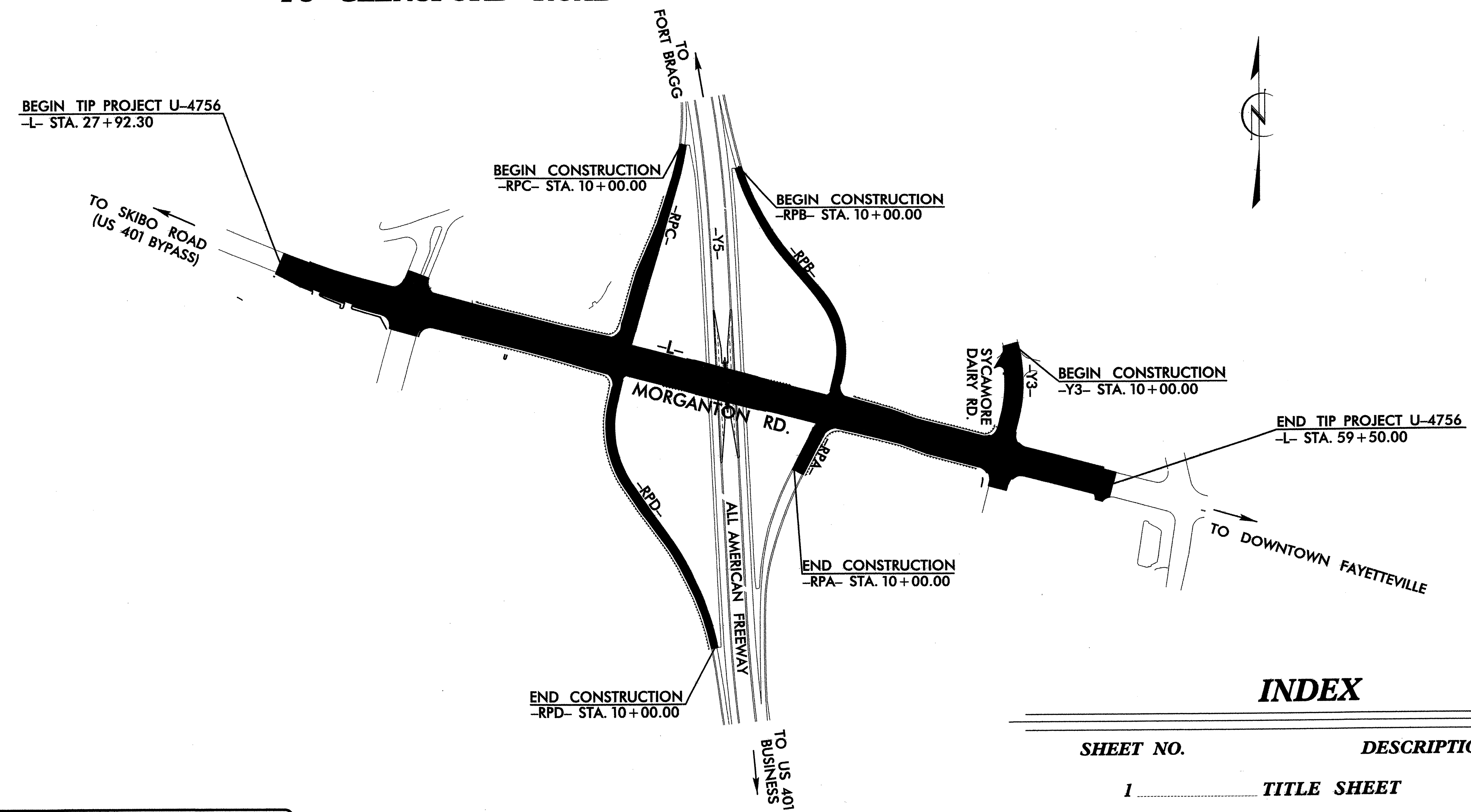
**SIGNING PLANS**

**CUMBERLAND COUNTY**

**LOCATION: SR 1404 (MORGANTON ROAD) FROM SYCAMORE DAIRY ROAD  
TO GLENSFORD ROAD**

**T.I.P.: U-4756**

**CONTRACT: C201461**




**INDEX**

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	SUMMARY OF QUANTITIES
3	NOTES
4	SUPPORT INFORMATION
5	E and F SHEETS
6-II	SIGN ROADWAY SHEETS
12-13	SIGN DESIGNS

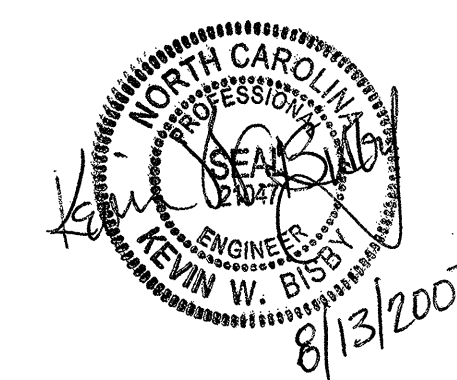
PLAN PREPARED FOR: N.C.D.O.T. SIGNING SECTION	SEAL
Ron King, PE SIGNING ENGINEER	
Ayman I. Alqudwah, PE SIGNING PROJECT ENGINEER	
Kelvin L. Jordan SIGNING PROJECT DESIGN ENGINEER	
Stacey W. Johns SIGNING DESIGN ENGINEER	
_____ SIGNING DESIGNER	

**WilburSmith** ASSOCIATES  
 ENGINEERS PLANNERS ECONOMISTS  
 421 Fayetteville Street  
 Suite 1303  
 Raleigh, North Carolina 27601  
 phone: (919) 755-0583  
 fax: (919) 832-8798

# SIGNS SUMMARY OF QUANTITIES


**WilburSmith**  
 ASSOCIATES  
 421 Fayetteville Street  
 Suite 1303  
 Raleigh, North Carolina 27601  
 phone: (919) 755-0583  
 fax: (919) 832-8798

TIP NO. U-4756	SHEET NO. SIGN-2
-------------------	---------------------



8/13/2007

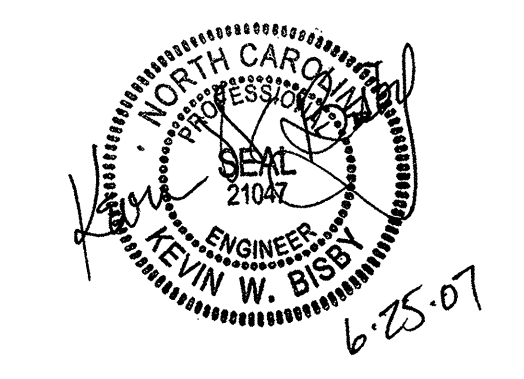
ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT	ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT	ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.				DESC. NO.	SECT. NO.				DESC. NO.	SECT. NO.			
0001000000	800	MOBILIZATION		L.S.	4129500000	906	RELOCATE SUPPORT, WOOD		EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4025000000	901	CONTRACTOR FURNISHED, TYPE A SIGN		S.F.	4138000000	907	DISPOSAL OF SUPPORT, STEEL BEAM	2	EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4025000000	901	CONTRACTOR FURNISHED, TYPE B SIGN	50	S.F.	4141000000	907	DISPOSAL OF SUPPORT, WOOD		EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4025000000	901	CONTRACTOR FURNISHED, TYPE D SIGN	75	S.F.	4143000000	907	DISPOSAL OF SUPPORT, OVERHEAD STRUCTURE		EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4025000000	901	CONTRACTOR FURNISHED, TYPE E SIGN	118	S.F.	4149000000	907	DISPOSAL OF SIGN SYSTEM, OVERHEAD		EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4025000000	901	CONTRACTOR FURNISHED, TYPE F SIGN	25	S.F.	4152000000	907	DISPOSAL OF SIGN SYSTEM, STEEL BEAM		EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4025000000	901	CONTRACTOR FURNISHED, OVERLAYS SIGN		S.F.	4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	30	EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4025000000	901	CONTRACTOR FURNISHED, MILEMARKER SIGN		S.F.	4158000000	907	DISPOSAL OF SIGN SYSTEM, WOOD	3	EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4048000000	902	REINFORCED CONCRETE SIGN FOOTINGS	1	C.Y.	4192000000	907	DISPOSAL OF SUPPORT, U-CHANNEL	1	EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4054000000	902	PLAIN CONCRETE SIGN FOOTINGS		C.Y.	4234000000	907	DISPOSAL OF SIGN, A OR B (OVERHEAD)		EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4056000000	902	OVERHEAD FOOTING		EA.	4236000000	907	DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)	2	EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM		LB.	4238000000	907	DISPOSAL OF SIGN, D, E OR F		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4066000000	903	SUPPORTS, SIMPLE STEEL BEAM	314	LB.	4238500000	907	DISPOSAL OF SIGN, MILEMARKERS		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	671	L.F.	4241000000	907	DISPOSAL OF SIGN, OVERLAY (OVERHEAD)		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4078000000	903	SUPPORTS, 2 LB STEEL U-CHANNEL		EA.	4242000000	907	DISPOSAL OF SIGN, OVERLAY (GROUND MOUNTED)		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4079000000	903	SUPPORTS, BARRIER (SMALL)		EA.	4251000000	907	DISPOSAL OF LIGHTING SYSTEM		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4080000000	903	SUPPORTS, BARRIER (LARGE)		EA.	4258000000	907	DISPOSAL OF LIGHTING FIXTURES		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4081000000	903	SUPPORTS, OVERHEAD STRUCTURE " "		L.S.	4263000000	907	DISPOSAL OF WALKWAY		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4081000000	903	SUPPORTS, OVERHEAD STRUCTURE " "		L.S.	4132000000	907	STOCKPILE SUPPORT, STEEL BEAM		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4082000000	903	SUPPORTS, WOOD		L.F.	4140000000	907	STOCKPILE SUPPORT, WOOD		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4109000000	904	SIGN ERECTION, TYPE A (OVERHEAD)		EA.	4142000000	907	STOCKPILE SUPPORT, OVERHEAD STRUCTURE		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4109000000	904	SIGN ERECTION, TYPE B (OVERHEAD)		EA.	4148000000	907	STOCKPILE SIGN SYSTEM, OVERHEAD		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)		EA.	4151000000	907	STOCKPILE SIGN SYSTEM, STEEL BEAM		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4110000000	904	SIGN ERECTION, TYPE B (GROUND MOUNTED)	2	EA.	4154000000	907	STOCKPILE SIGN SYSTEM, U-CHANNEL		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4096000000	904	SIGN ERECTION, TYPE D	9	EA.	4157000000	907	STOCKPILE SIGN SYSTEM, WOOD		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4102000000	904	SIGN ERECTION, TYPE E	24	EA.	4186000000	907	STOCKPILE SUPPORT, U-CHANNEL		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4108000000	904	SIGN ERECTION, TYPE F	3	EA.	4228000000	907	STOCKPILE SIGN, A OR B (OVERHEAD)		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4114000000	904	SIGN ERECTION, MILEMARKERS		EA.	4235000000	907	STOCKPILE SIGN, A OR B (GROUND MOUNTED)		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4115000000	904	SIGN ERECTION, OVERLAY (OVERHEAD)		EA.	4237000000	907	STOCKPILE SIGN, D, E OR F		EA.	4127500000	SP	LRS LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4116000000	904	SIGN ERECTION, OVERLAY (GROUND MOUNTED)		EA.	4237500000	907	STOCKPILE SIGN, MILEMARKERS		EA.	4128000000	SP	STATIC LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.
4116200000	904	SIGN ERECTION, REPOSITION OVERHEAD		EA.	4250000000	907	STOCKPILE LIGHTING SYSTEM		EA.	4355000000	SP	INTEGRATION INTO EXISTING DMS SYSTEM		L.S.
4116300000	904	SIGN ERECTION, LOGO TO PANEL		EA.	4252000000	907	STOCKPILE LIGHTING FIXTURES		EA.	4355100000	SP	DYNAMIC MESSAGE SIGN SYSTEM "DMS-**"		L.S.
4116400000	904	SIGN ERECTION, LOGO TRAILBLAZER		EA.	4262000000	907	STOCKPILE WALKWAY		EA.	4355100000	SP	DYNAMIC MESSAGE SIGN SYSTEM "DMS-**"		L.S.
4116500000	904	SIGN ERECTION, WALKWAY		L.F.	4277000000	908	TEMPORARY SIGN, TYPE A		S.F.	4355200000	SP	DMS SYSTEM SERVER COMPUTER		EA.
4128000000	905	SIGN LIGHTING SYSTEM " "		L.S.	4277000000	908	TEMPORARY SIGN, TYPE B		S.F.	4355210000	SP	DMS SYSTEM CLIENT COMPUTER		EA.
4126000000	905	SIGN LIGHTING SYSTEM " "		L.S.	4277000000	908	TEMPORARY SIGN, TYPE D		S.F.	4355220000	SP	DMS SYSTEM LAPTOP COMPUTER		EA.
4126000000	905	SIGN LIGHTING SYSTEM " "		L.S.	4277000000	908	TEMPORARY SIGN, TYPE E		S.F.	4355230000	SP	DMS SYSTEM CONTROL SOFTWARE		EA.
4126000000	905	SIGN LIGHTING SYSTEM " "		L.S.	4277000000	908	TEMPORARY SIGN, TYPE F		S.F.	4355300000	SP	DYNAMIC MESSAGE SIGN MAINTENANCE TRAINING		EA.
4126000000	905	SIGN LIGHTING SYSTEM " "		L.S.	4278000000	908	TEMPORARY RELOCATE SIGN, TYPE A		EA.	4355310000	SP	DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS		EA.
4129000000	906	RELOCATE SIGN, TYPE A (OVERHEAD)		EA.	4278000000	908	TEMPORARY RELOCATE SIGN, TYPE B		EA.	4355320000	SP	DYNAMIC MESSAGE SIGN SYSTEM OPERATIONAL FACTORY TESTS		L.S.
4129000000	906	RELOCATE SIGN, TYPE B (OVERHEAD)		EA.	4278000000	908	TEMPORARY RELOCATE SIGN, TYPE D		EA.	4355330000	SP	DYNAMIC MESSAGE SIGN SYSTEM OPERATIONAL FIELD TESTS		L.S.
4129000000	906	RELOCATE SIGN, TYPE A (GROUND MOUNTED)		EA.	4278000000	908	TEMPORARY RELOCATE SIGN, TYPE E		EA.	4355340000	SP	DYNAMIC MESSAGE SIGN BENCH TEST UNIT		EA.
4129000000	906	RELOCATE SIGN, TYPE B (GROUND MOUNTED)	1	EA.	4278000000	908	TEMPORARY RELOCATE SIGN, TYPE F		EA.	4355350000	SP	DYNAMIC MESSAGE SIGN SYSTEM NTCIP TESTS		EA.
4129000000	906	RELOCATE SIGN, TYPE D		EA.	4279000000	908	TEMPORARY RELOCATE SIGN SUPPORT, STEEL BEAM		EA.	S	SP	OVERHEAD FOOTINGS		C.Y.
4129000000	906	RELOCATE SIGN, TYPE E	1	EA.	4280000000	908	TEMPORARY RELOCATE SIGN SUPPORT, WOOD		EA.	S	SP	SUPPORTS, OVERHEAD STRUCTURE " "		L.S.
4129000000	906	RELOCATE SIGN, TYPE F		EA.	4285000000	908	TEMPORARY SIGN COVERS		EA.					
4129000000	906	RELOCATE SIGN, MILEMARKERS		EA.	4082200000	SP	OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.					
4129200000	906	RELOCATE SUPPORT, OVERHEAD SIGN SYSTEM		EA.	4083200000	SP	OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-**"		L.S.					
4129300000	906	RELOCATE SUPPORT, STEEL BEAM		EA.	4083200000	SP	OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-**"		L.S.					
4129400000	906	RELOCATE LIGHTING SYSTEM		EA.	4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.					
					4127000000	SP	LIGHTING FOR OVERHEAD SIGN ASSEMBLY AT STA *****		L.S.					

**ROADWAY STANDARD DRAWINGS  
APPLICABLE TO THESE SIGNING PLANS**

901.20  
 901.50  
 901.70  
 901.80  
 903.10  
 904.10  
 904.50



421 Fayetteville Street  
 Suite 1303  
 Raleigh, North Carolina 27601  
 phone: (919) 755-0583  
 fax: (919) 832-8798



Pay Item Notes:	
1	RELOCATE SIGN, TYPE B (GROUND MOUNTED)
2	DISPOSAL OF SUPPORT, STEEL BEAM
3	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
4	DISPOSAL OF SIGN SYSTEM, WOOD
5	DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
6	RELOCATE SIGN, TYPE E
7	DISPOSAL OF SUPPORT, U-CHANNEL

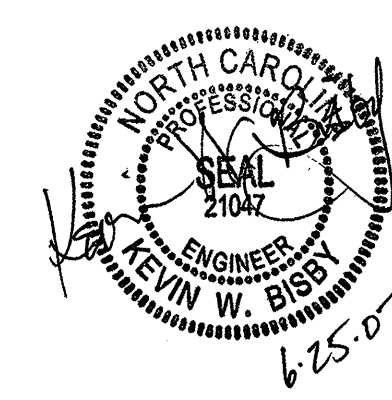
**General Notes:**

- . 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.
- . SIGNING PLANS DO NOT INCLUDE TEMPORARY CONSTRUCTION SIGNING OR PAVEMENT MARKINGS. SEE TRAFFIC CONTROL PLANS.
- . WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER
- . 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 III REFLECTIVE SHEETING.



421 Fayetteville Street  
 Suite 1303  
 Raleigh, North Carolina 27601  
 phone: (919) 755-0583  
 fax: (919) 832-8798

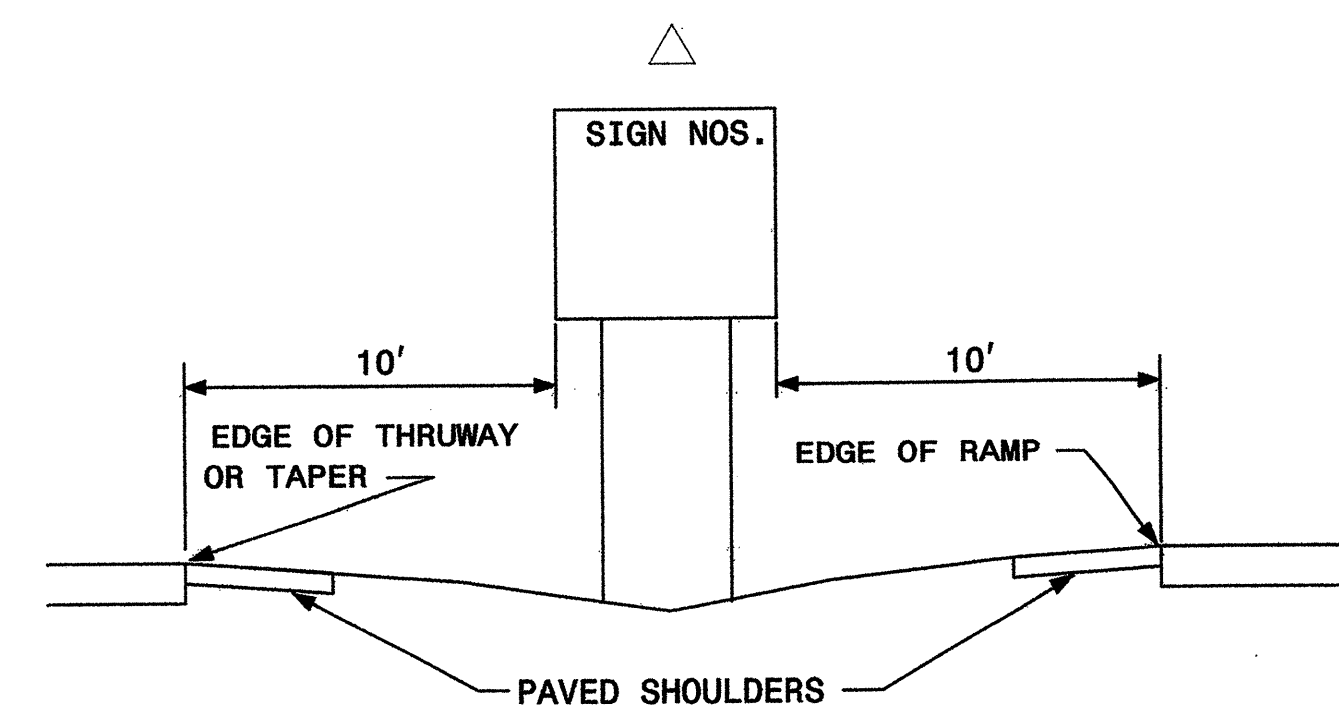
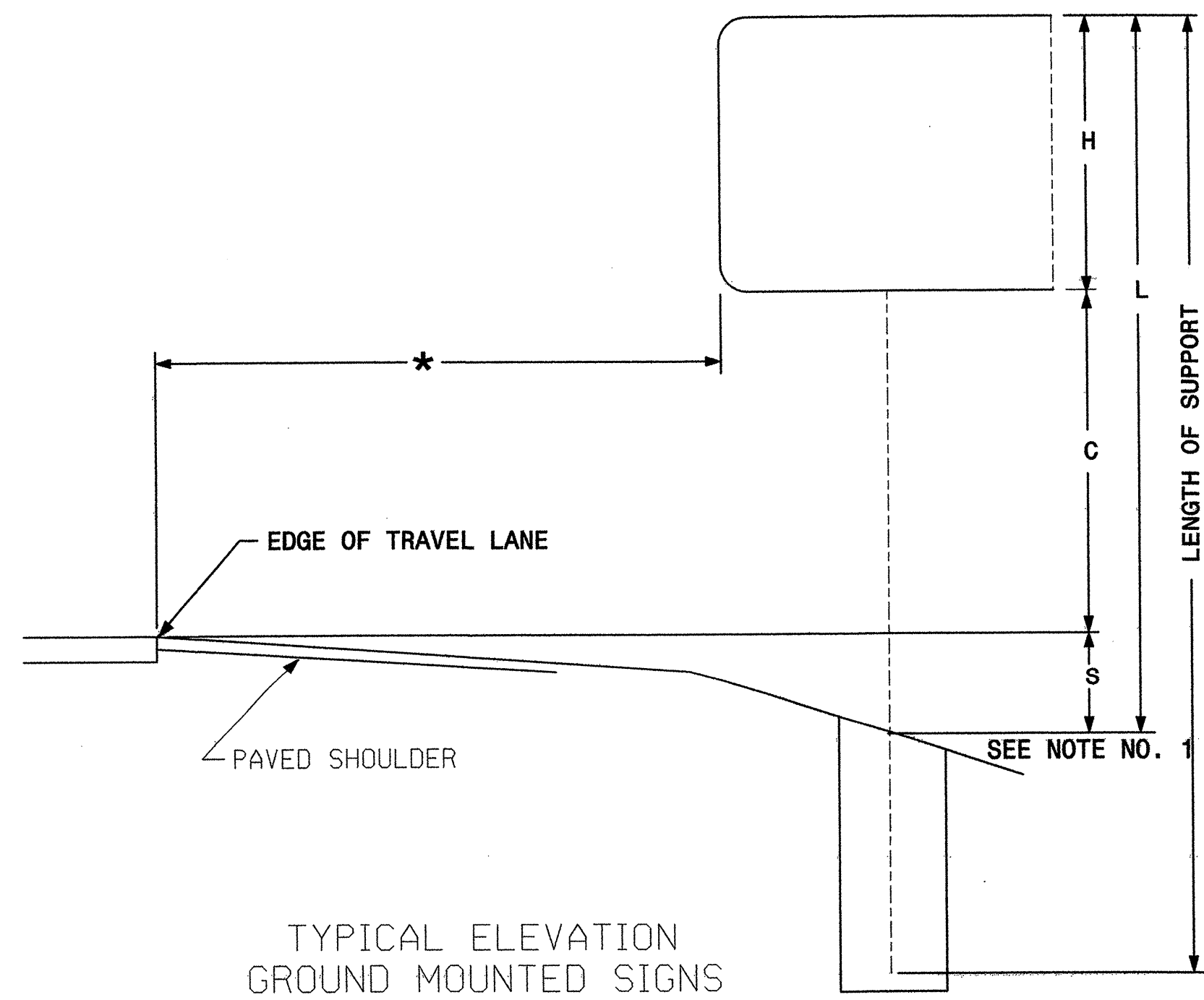
TIP NO. U-4756 SHEET NO. SIGN-4



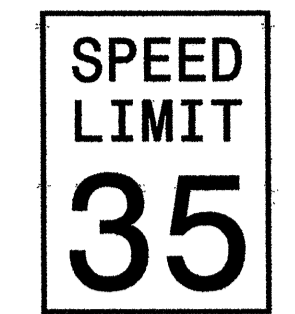
## TYPE "A" AND TYPE "B" GROUND MOUNTED SIGNS

SIGN NO.	SIGN TYPE	SIGN SIZE (in.)			ROADWAY STATION	NO. OF SUP.	BEAM SECTION BA or S	SUPPORT TYPE	ATTACH METHOD	MOUNTING METHOD (ft.)	HORIZ. CLR.* H	LENGTH (ft)			LEFT SUPPORT (ft)			CENTER SUPPORT (ft)			RIGHT SUPPORT (ft)			FOOTING DIAMETER (ft.)	FOOTING DEPTH (ft.)	B/A SUPPORT WEIGHTS (lbs.)	SIMPLE SUPPORT WEIGHTS (lbs.)	REINF. FTGS. (c.y.)	FIELD VERIFIED SEE NOTE 2 (mm/dd/yy)																						
		w	x	h								SNS HT C	MTG HT	EMBED-MENT	S	L	TOTAL LENGTH	S	L	TOTAL LENGTH	S	L	TOTAL LENGTH																												
202	A	84	X	72	14+35	2	S4x7.7	S	N/A	N/A	17.18	6.00	7.00	4.5	2.17	15.17	19.67	0.00	0.00	0.00	3.53	16.53	21.03	1	5	0.00	313.44	0.2909																							
																							TOTAL	0.00	TOTAL	313.44	TOTAL	0.2909																							
																							USE:	0	314	1																									

- NOTES
- DIMENSION "S" REPRESENTS AN INCREASE (+), OR A DECREASE (-) IN POLE LENGTH, RELATIVE TO THE ELEVATION OF THE EDGE OF PAVEMENT.
  - FIELD VERIFICATIONS SHALL BE REQUIRED FOR ALL SUPPORTS, SEE (\*) ARTICLE 903-3. FABRICATORS SHALL BE AISC CERTIFIED IN CATEGORY 1, SEE (\*) ARTICLE 1072-1. (\*) = N.C.D.O.T. STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES



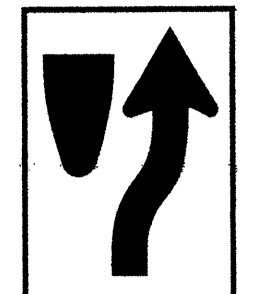
404 QUANTITY REQ'D   2  



24 X 30  
R2-1

ONE "U" POST PER SIGN

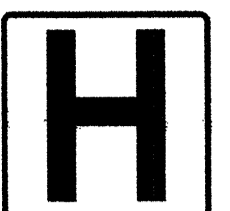
416 QUANTITY REQ'D   3  



24 X 30  
R4-7

ONE "U" POST PER SIGN

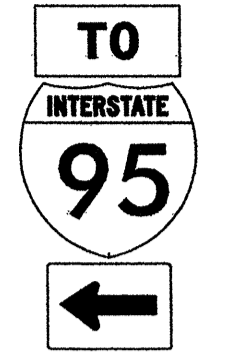
465 QUANTITY REQ'D   2  



24 X 24  
D9-2

MOUNT ABOVE SIGN 302 & 307

501 QUANTITY REQ'D   1  




M4-5  
24 X 12

M1-1  
24 X 24

M6-1  
21 X 15

ONE "U" POST PER ASSEMBLY

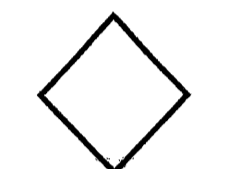
410 QUANTITY REQ'D   2  



36 X 24  
R5-1a

ONE "U" POST PER SIGN

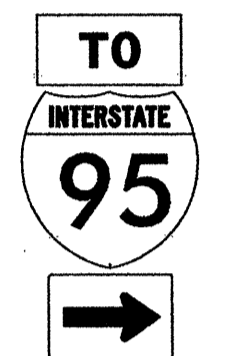
417 QUANTITY REQ'D   2  



18 X 18  
W23-15

MOUNT BELOW SIGN 416  
IN 3 INSTALLATIONS

502 QUANTITY REQ'D   1  




M4-5  
24 X 12

M1-1  
24 X 24

M6-1  
21 X 15

ONE "U" POST PER ASSEMBLY

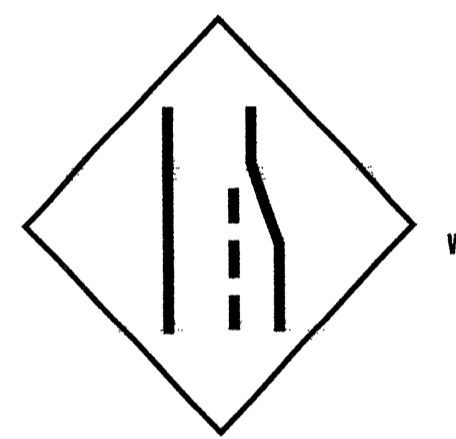
411 QUANTITY REQ'D   2  



30 X 30  
R5-1

ONE "U" POST PER SIGN

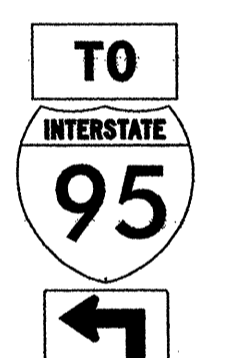
439 QUANTITY REQ'D   2  



48 X 48  
W4-2(R)

TWO "U" POSTS PER SIGN

503 QUANTITY REQ'D   1  




M4-5  
24 X 12

M1-1  
24 X 24

M5-1  
21 X 15

ONE "U" POST PER ASSEMBLY

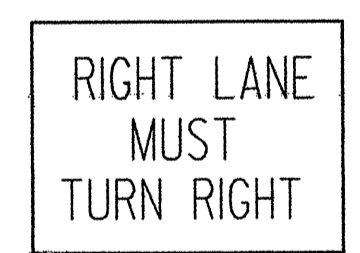
413 QUANTITY REQ'D   2  



54 X 18  
R6-1 (R)

TWO "U" POSTS PER SIGN

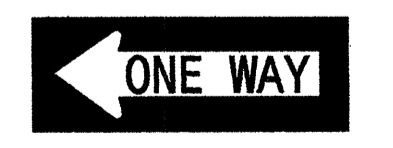
459 QUANTITY REQ'D   1  



30 X 30  
R3-7

ONE "U" POST PER SIGN

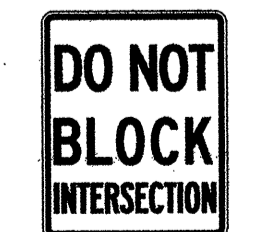
414 QUANTITY REQ'D   2  



54 X 18  
R6-1 (L)

MOUNT BACK TO BACK WITH 413  
IN 2 INSTALLATIONS

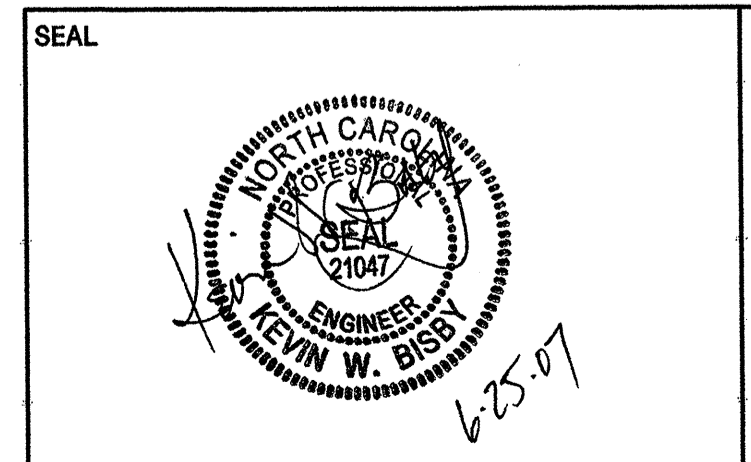
464 QUANTITY REQ'D   2  



24 X 30  
R10-7

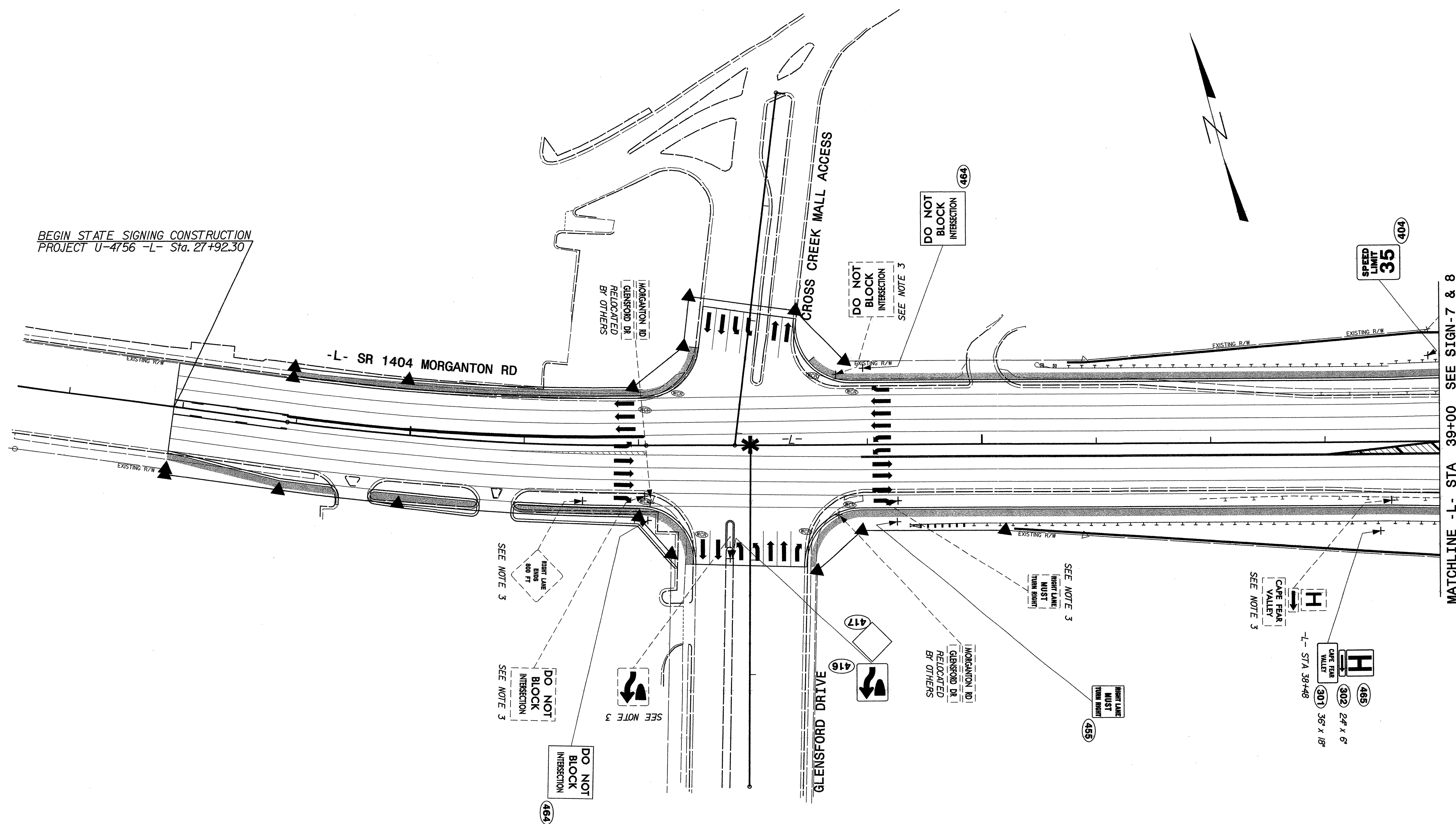
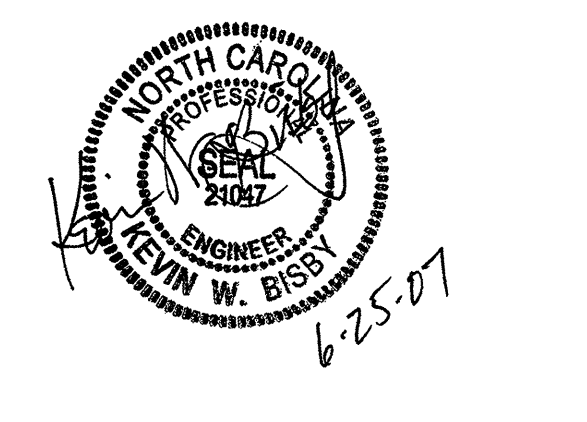
ONE "U" POST PER SIGN

421 Fayetteville Street  
Suite 1303  
Raleigh, North Carolina 27601  
phone: (919) 755-0583  
fax: (919) 832-8798



**TYPE "E" and "F" SIGNS**

11/15/07 11:58 AM  
 C:\Users\jw\Documents\Projects\Signs\Signs.dwg  
 11/15/07 11:58 AM



BEGIN STATE SIGNING CONSTRUCTION  
PROJECT U-4756 -L- Sta. 27+92.30

-L- SR 1404 MORGANTON RD

GLENSFORD DRIVE

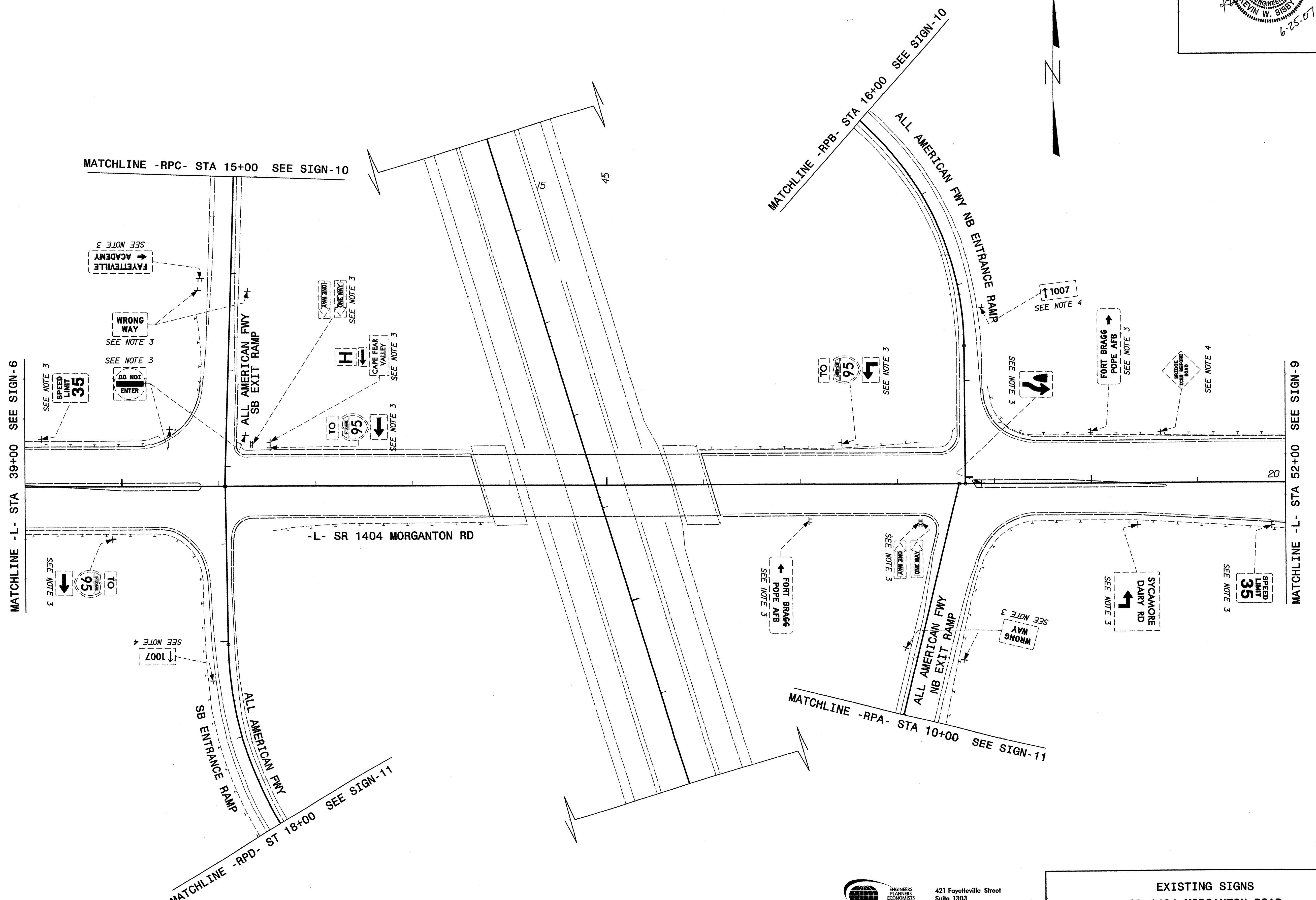
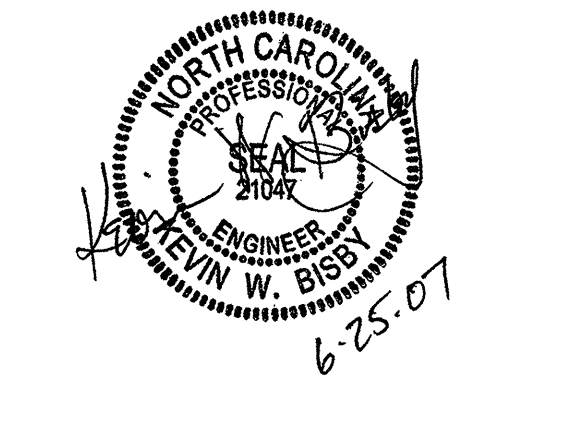
CROSS CREEK MALL ACCESS


MATCHLINE -L- STA 39+00 SEE SIGN-7 & 8

\* SIGNAL

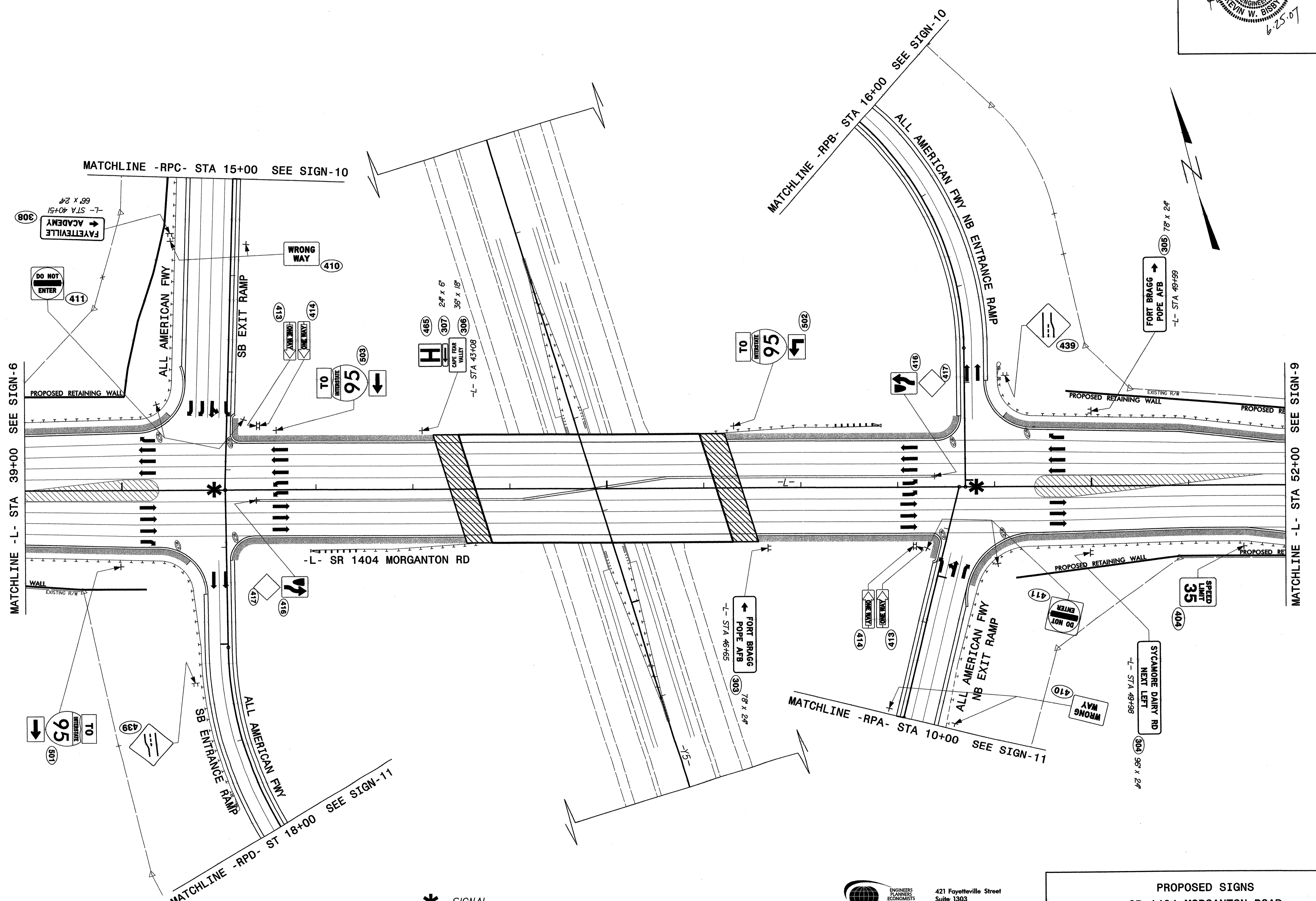
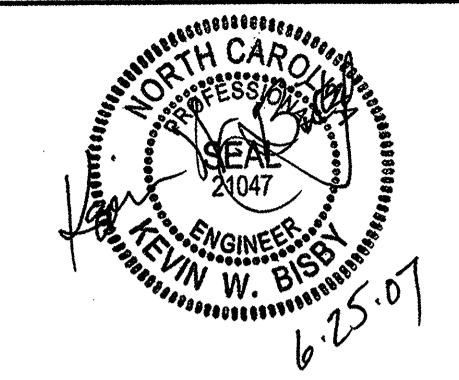
**WilburSmith**  
ASSOCIATES  
ENGINEERS  
PLANNERS  
ECONOMISTS  
421 Fayetteville Street  
Suite 1303  
Raleigh, North Carolina 27601  
phone: (919) 755-0583  
fax: (919) 832-8798

PROPOSED AND EXISTING SIGNS  
SR 1404 MORGANTON ROAD  
-L- STA 27+92 TO STA 39+00




**WilburSmith**  
 ASSOCIATES  
 ENGINEERS  
 PLANNERS  
 ECONOMISTS  
 421 Fayetteville Street  
 Suite 1303  
 Raleigh, North Carolina 27601  
 phone: (919) 755-0583  
 fax: (919) 832-8798

**EXISTING SIGNS**  
 SR 1404 MORGANTON ROAD  
 -L- STA 39+00 TO STA 52+00

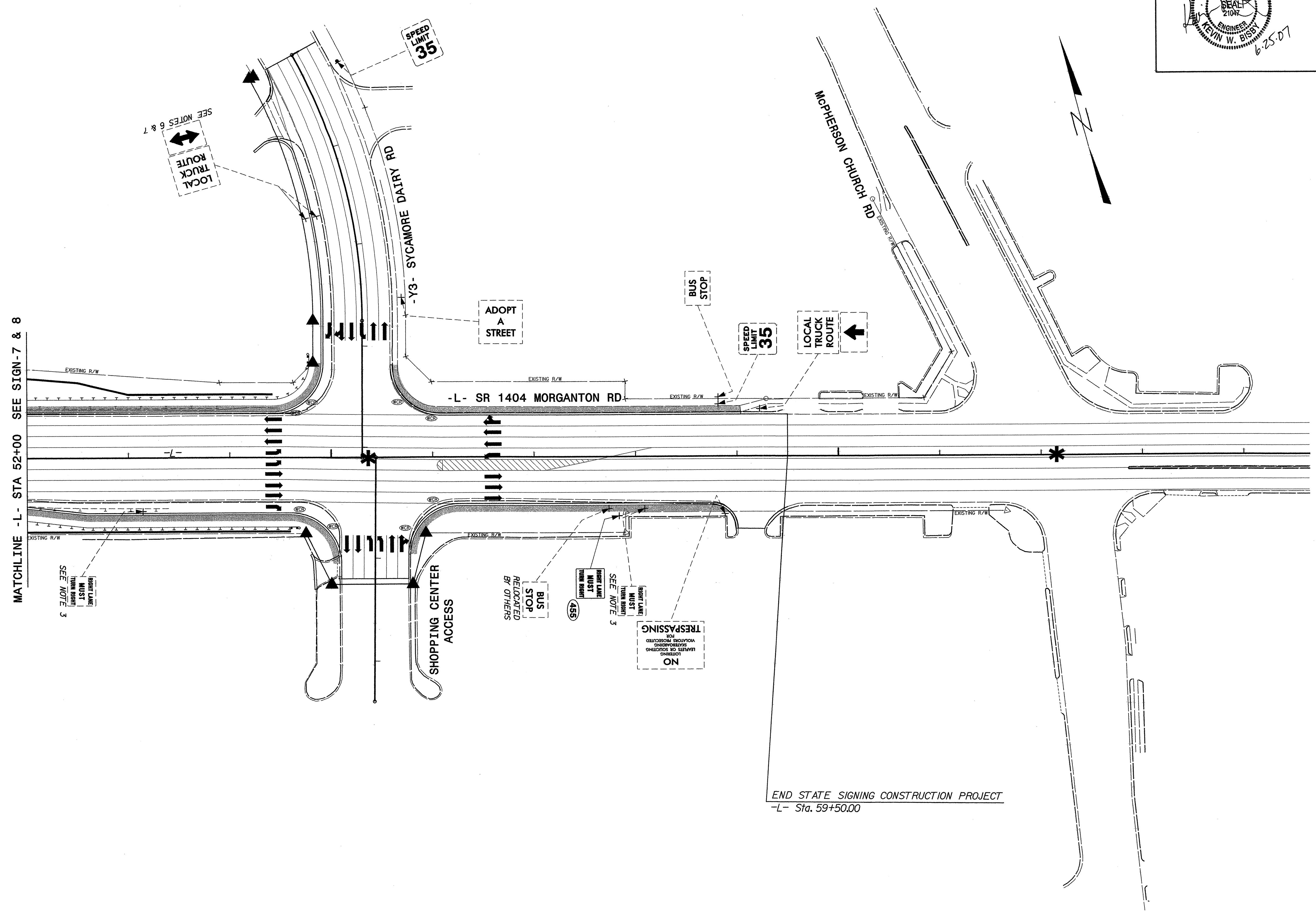
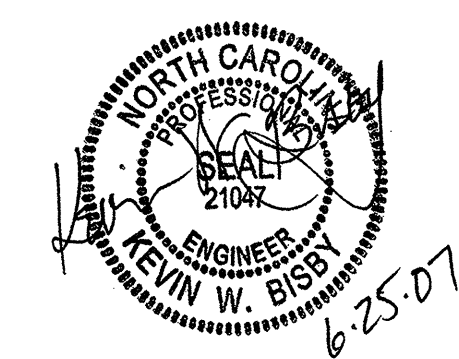


\* SIGNAL

**WilburSmith**  
 ASSOCIATES  
 ENGINEERS  
 PLANNERS  
 ECONOMISTS  
 421 Fayetteville Street  
 Suite 1303  
 Raleigh, North Carolina 27601  
 phone: (919) 755-0583  
 fax: (919) 832-8798

**PROPOSED SIGNS**  
 SR 1404 MORGANTON ROAD  
 -L- STA 39+00 TO STA 52+00





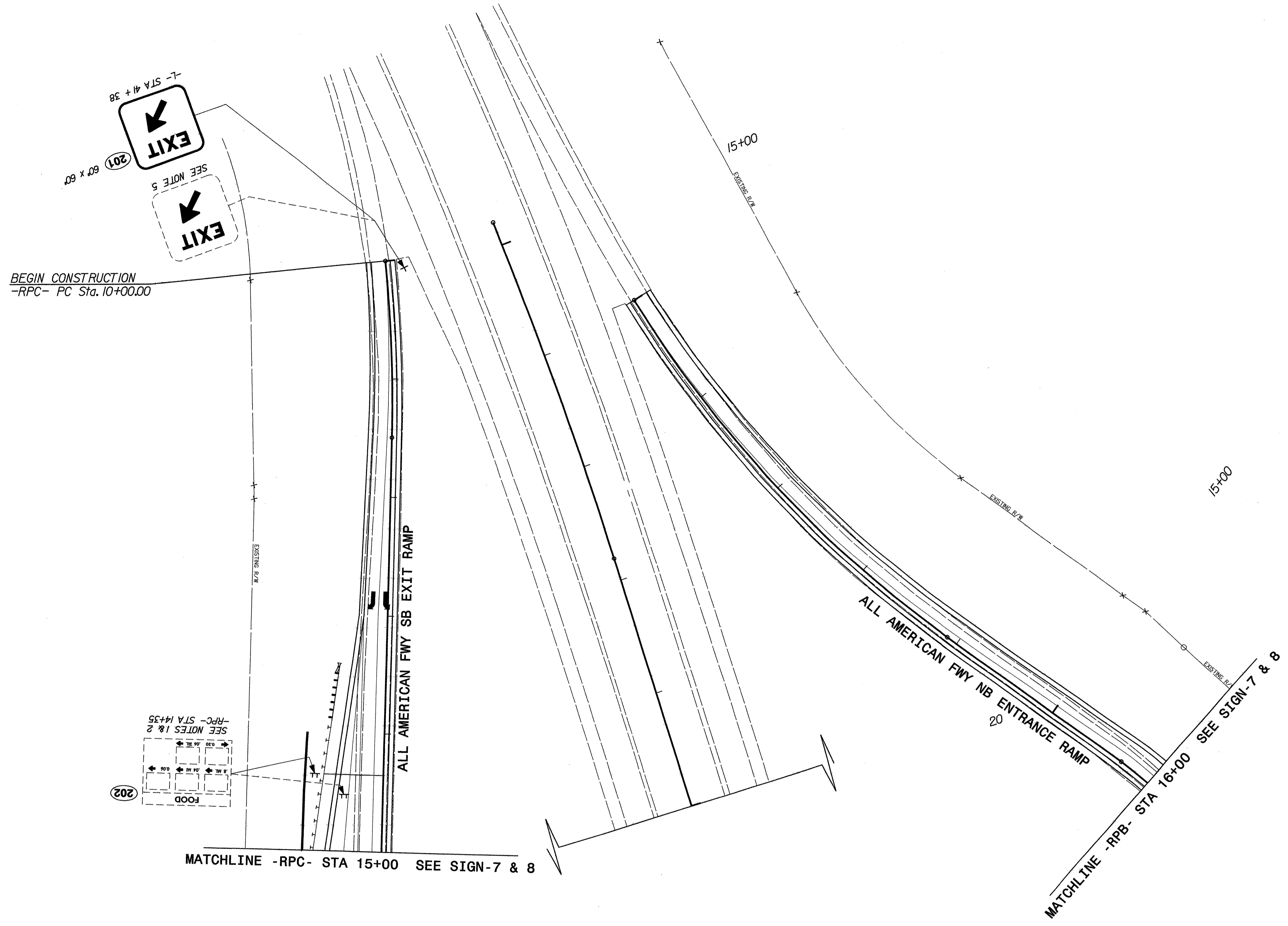
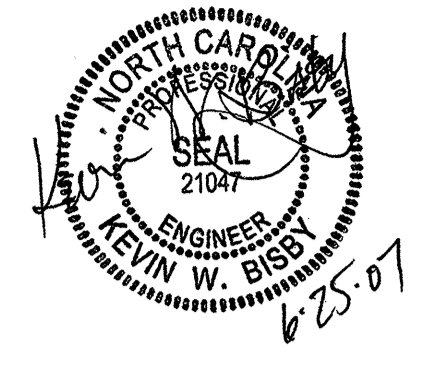
MATCHLINE - L - STA 52+00 SEE SIGN-7 & 8

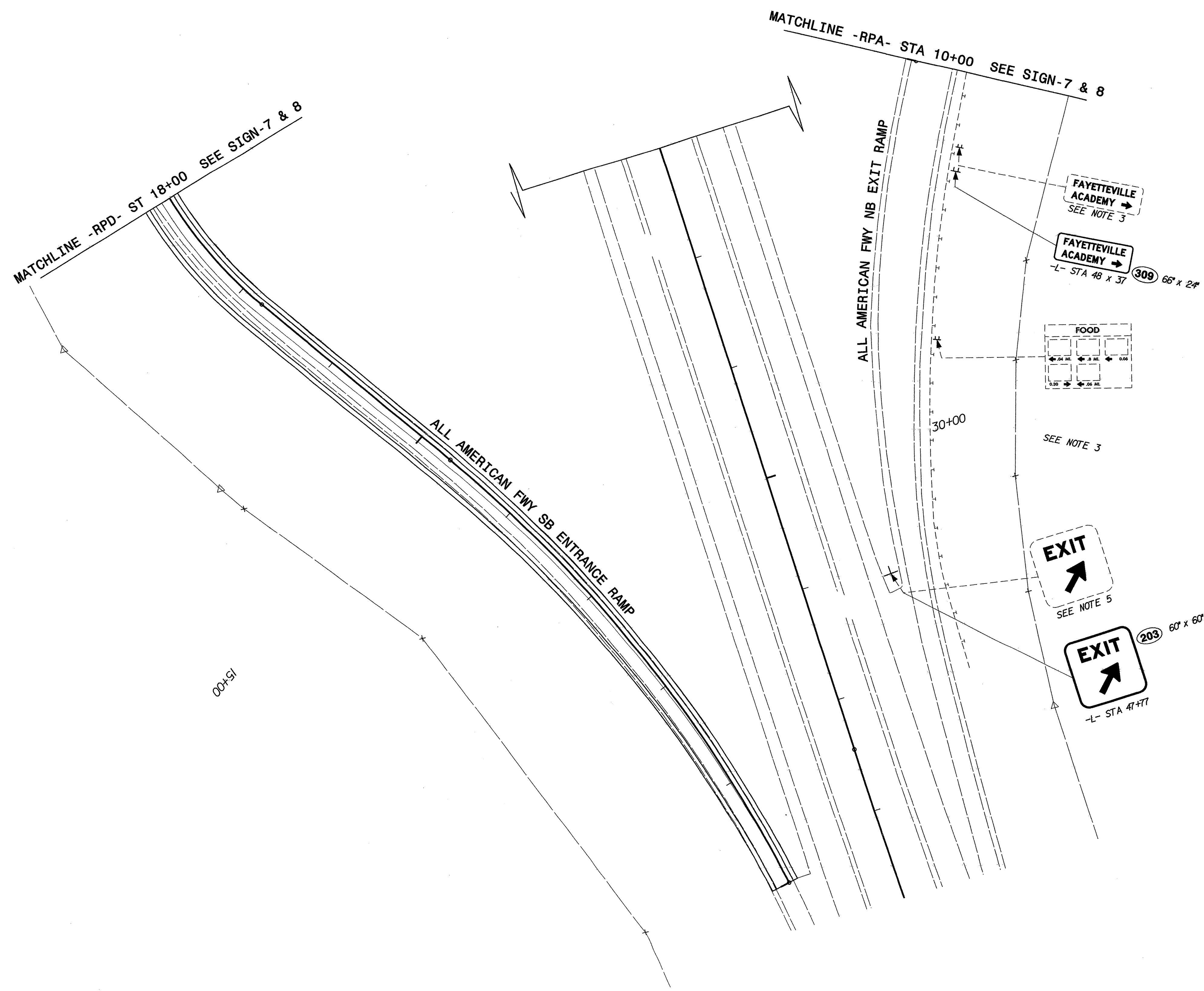
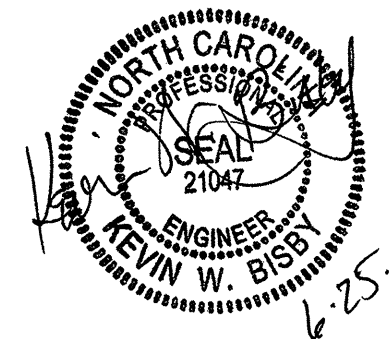
END STATE SIGNING CONSTRUCTION PROJECT  
-L- Sta. 59+50.00


\* SIGNAL

**WilburSmith**  
ASSOCIATES  
ENGINEERS  
PLANNERS  
ECONOMISTS  
421 Fayetteville Street  
Suite 1303  
Raleigh, North Carolina 27601  
phone: (919) 755-0583  
fax: (919) 832-8798

**PROPOSED AND EXISTING SIGNS**  
**SR 1404 MORGANTON ROAD**  
**-L- STA 52+00 TO STA 59+50**

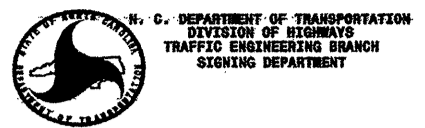
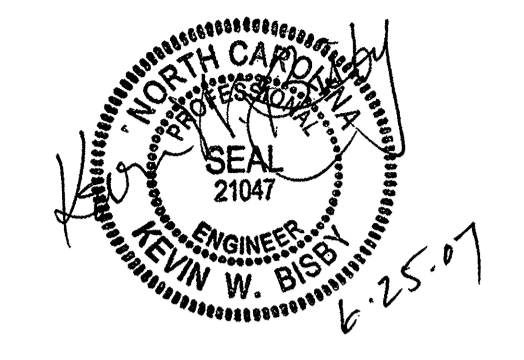





**WilburSmith**  
 ASSOCIATES  
 ENGINEERS  
 PLANNERS  
 ECONOMISTS  
 421 Fayetteville Street  
 Suite 1303  
 Raleigh, North Carolina 27601  
 phone: (919) 755-0583  
 fax: (919) 832-8798

**PROPOSED AND EXISTING SIGNS**  
**RAMP A - ALL AMERICAN FREEWAY NB EXIT RAMP**  
**-RPA- GORE TO STA 10+00**





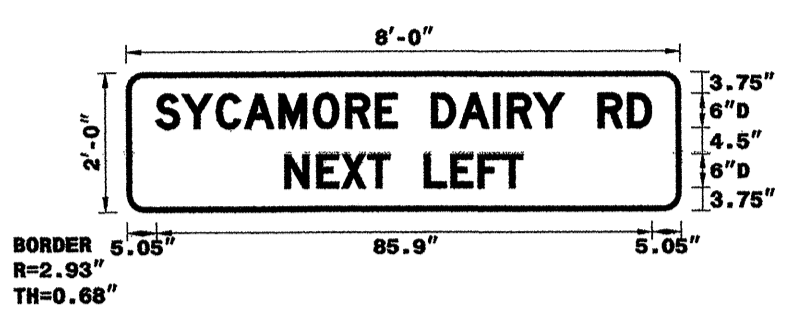
U.S. DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
TRAFFIC ENGINEERING BRANCH  
SIGNING DEPARTMENT

DESIGN BY: K. Bisby CHECKED BY: T. Snow STD #: DATE: Mar 12, 2007  
PROJECT ID: U-4756 DIV: 6

SIGN NUMBER: 304  
TYPE: D  
QUANTITY: 1  
SIGN WIDTH: 8'-0"  
HEIGHT: 2'-0"  
TOTAL AREA: 16.0 Sq.Ft.  
BORDER TYPE: FLUSH  
RECESS: 0.08"  
WIDTH: 0.68"  
RADIUS: 2.93"

SYMBOL	X	Y	WID	HT
ARUP	62.1	9	6	9

MAT'L: 0.063" (1.6 mm) ALUMINUM  
0.080" (2.0 mm) ALUMINUM  
0.125" (3.2 mm) ALUMINUM



USE NOTES: 1,4  
1. Legend and border shall be direct applied Type III reflective sheeting.  
2. Legend and border shall be direct applied non-reflective sheeting.  
3. Shields shall be Type III reflective sheeting on 0.032" (0.8mm) aluminum and demountable.  
4. Background shall be Type III reflective sheeting.  
5. Background shall be Type I reflective sheeting.  
6. Center arrow(s) vertically on sign.  
7. Bottom panel shall be yellow Type III sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

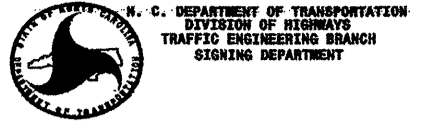
LETTER POSITIONS

Letter locations are panel edge to lower left corner

Series/Size	Text Length
D 2000	85.9
D 2000	41.3

Spacing Factor is 1 unless specified otherwise

FILENAME: U-4756\_SGN\_D-Signs NORTH CAROLINA D.O.T. SIGN DETAIL



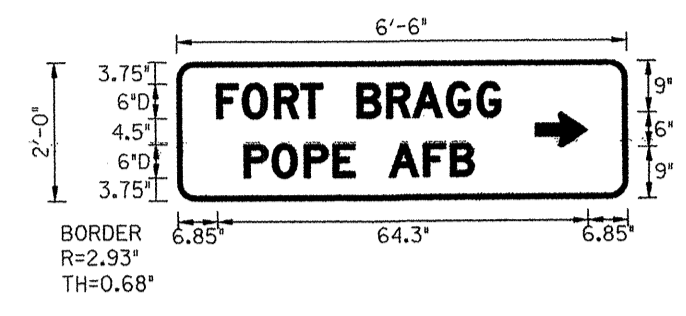
U.S. DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
TRAFFIC ENGINEERING BRANCH  
SIGNING DEPARTMENT

DESIGN BY: K. Bisby CHECKED BY: T. Snow STD #: DATE: Mar 08, 2007  
PROJECT ID: U-4756 DIV: 6

SIGN NUMBER: 305  
TYPE: D  
QUANTITY: 1  
SIGN WIDTH: 6'-6"  
HEIGHT: 2'-0"  
TOTAL AREA: 13.0 Sq.Ft.  
BORDER TYPE: FLUSH  
RECESS: 0.08"  
WIDTH: 0.68"  
RADIUS: 2.93"

SYMBOL	X	Y	WID	HT
ARUP	62.1	9	6	9

MAT'L: 0.063" (1.6 mm) ALUMINUM  
0.080" (2.0 mm) ALUMINUM  
0.125" (3.2 mm) ALUMINUM



USE NOTES: 1,4,6  
1. Legend and border shall be direct applied Type III reflective sheeting.  
2. Legend and border shall be direct applied non-reflective sheeting.  
3. Shields shall be Type III reflective sheeting on 0.032" (0.8mm) aluminum and demountable.  
4. Background shall be Type III reflective sheeting.  
5. Background shall be Type I reflective sheeting.  
6. Center arrow(s) vertically on sign.  
7. Bottom panel shall be yellow Type III sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

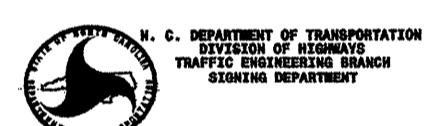
LETTER POSITIONS

Letter locations are panel edge to lower left corner

Series/Size	Text Length
D 2000	49.3
D 2000	39.8

Spacing Factor is 1 unless specified otherwise

FILENAME: U-4756\_SGN\_D-Signs NORTH CAROLINA D.O.T. SIGN DETAIL



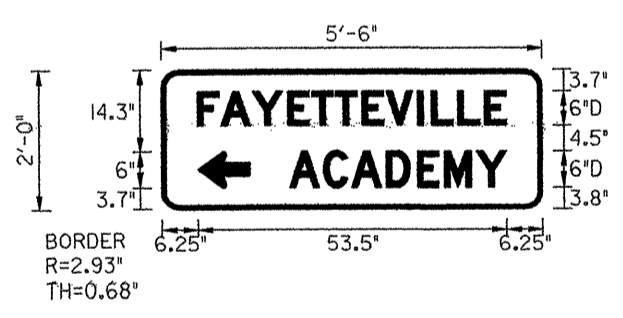
U.S. DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
TRAFFIC ENGINEERING BRANCH  
SIGNING DEPARTMENT

DESIGN BY: K. Bisby CHECKED BY: T. Snow STD #: DATE: Mar 08, 2007  
PROJECT ID: U-4756 DIV: 6

SIGN NUMBER: 308  
TYPE: D  
QUANTITY: 1  
SIGN WIDTH: 5'-6"  
HEIGHT: 2'-0"  
TOTAL AREA: 11.0 Sq.Ft.  
BORDER TYPE: FLUSH  
RECESS: 0.08"  
WIDTH: 0.68"  
RADIUS: 2.93"

SYMBOL	X	Y	WID	HT
ARUP	6.2	3.8	6	9

MAT'L: 0.063" (1.6 mm) ALUMINUM  
0.080" (2.0 mm) ALUMINUM  
0.125" (3.2 mm) ALUMINUM



USE NOTES: 1,4  
1. Legend and border shall be direct applied Type III reflective sheeting.  
2. Legend and border shall be direct applied non-reflective sheeting.  
3. Shields shall be Type III reflective sheeting on 0.032" (0.8mm) aluminum and demountable.  
4. Background shall be Type III reflective sheeting.  
5. Background shall be Type I reflective sheeting.  
6. Center arrow(s) vertically on sign.  
7. Bottom panel shall be yellow Type III sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

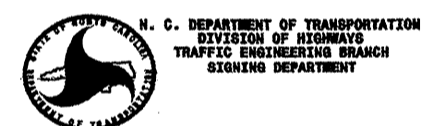
LETTER POSITIONS

Letter locations are panel edge to lower left corner

Series/Size	Text Length
D 2000	53.5
D 2000	37.6

Spacing Factor is 1 unless specified otherwise

FILENAME: U-4756\_SGN\_D-Signs NORTH CAROLINA D.O.T. SIGN DETAIL



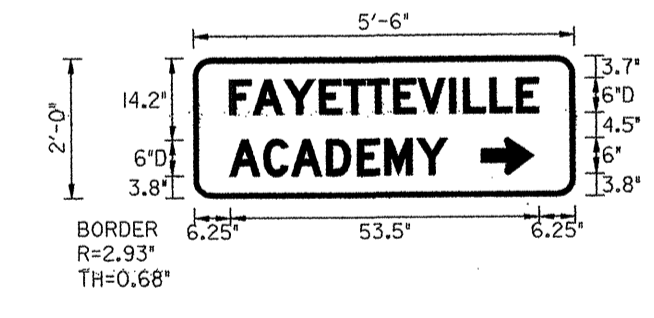
U.S. DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
TRAFFIC ENGINEERING BRANCH  
SIGNING DEPARTMENT

DESIGN BY: K. Bisby CHECKED BY: T. Snow STD #: DATE: Mar 08, 2007  
PROJECT ID: U-4756 DIV: 6

SIGN NUMBER: 309  
TYPE: D  
QUANTITY: 1  
SIGN WIDTH: 5'-6"  
HEIGHT: 2'-0"  
TOTAL AREA: 11.0 Sq.Ft.  
BORDER TYPE: FLUSH  
RECESS: 0.08"  
WIDTH: 0.68"  
RADIUS: 2.93"

SYMBOL	X	Y	WID	HT
ARUP	49.9	3.8	6	9

MAT'L: 0.063" (1.6 mm) ALUMINUM  
0.080" (2.0 mm) ALUMINUM  
0.125" (3.2 mm) ALUMINUM



USE NOTES: 1,4  
1. Legend and border shall be direct applied Type III reflective sheeting.  
2. Legend and border shall be direct applied non-reflective sheeting.  
3. Shields shall be Type III reflective sheeting on 0.032" (0.8mm) aluminum and demountable.  
4. Background shall be Type III reflective sheeting.  
5. Background shall be Type I reflective sheeting.  
6. Center arrow(s) vertically on sign.  
7. Bottom panel shall be yellow Type III sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

LETTER POSITIONS

Letter locations are panel edge to lower left corner

Series/Size	Text Length
D 2000	53.5
D 2000	37.6

Spacing Factor is 1 unless specified otherwise

FILENAME: U-4756\_SGN\_D-Signs NORTH CAROLINA D.O.T. SIGN DETAIL

