

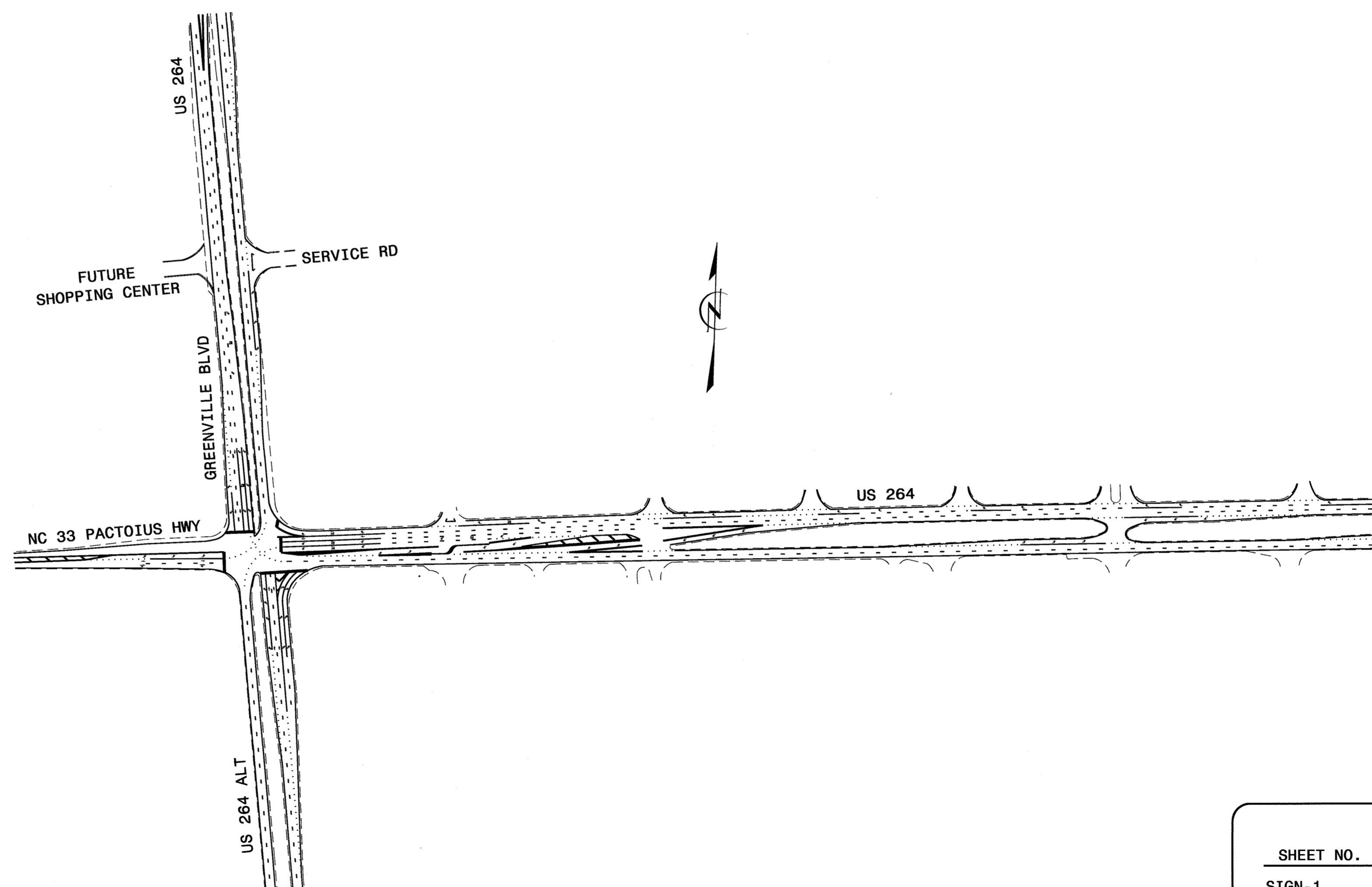
WBS.: 43563.1.1

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
PITT COUNTY**

**LOCATION: GREENVILLE - INTERSECTION OF US 264/US 264 ALT
(GREENVILLE BLVD.) AND NC 33 (PACTOIUS HWY.)**

**TYPE OF WORK: OVERHEAD SIGN STRUCTURES, GROUND MOUNTED SIGN,
PAVEMEMENT MARKINGS AND GUARDRAIL.**



WBS NO. 43563.1.1	SHEET NO. SIGN-1
APPROVED: <i>Ayman Alqudwah</i>	
DATE: 10-22-12	
SEAL	

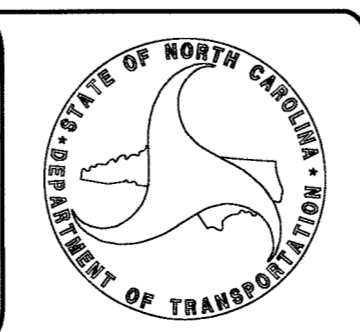


INDEX


SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2A	SUMMARY OF QUANTITIES, NOTES ROADWAY STANDARD DRAWINGS
SIGN-2B	GUARDRAIL SUMMARY
SIGN-3A-3C	OVERHEAD STRUCTURE LINE DRAWINGS
SIGN-4A-4C	SIGN DESIGNS
SIGN-5	SIGNING DETAIL SHEET
PMP-1	PAVEMEMENT MARKING DETAIL SHEET
TMP-1	TRANSPORTATION MANAGEMENT PLAN

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

AYMAN ALQUDWAH, P.E. SIGNING & DELINEATION REGIONAL ENGINEER
ERIC WARD SIGNING & DELINEATION PROJECT DESIGN ENGINEER



22-OCT-2012 11:08 S:\8800\Region1\Engineering\Eric\US-264 Greenville\US 264 Greenville Title Sheet.dgn Eric Ward AT 11/22/12

WBS NO.	SHEET NO.
43563.1.1	SIGN-2A
APPROVED: <i>[Signature]</i>	
DATE: 10-22-12	
SEAL	
	

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
862.01	GUARDRAIL PLACEMENT
862.02	GUARDRAIL INSTALLATION
901.10	TYPE 'A' 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
903.20	WOOD SIGN SUPPORTS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUMS
1135.01	CONES
1165.01	WORK VEHICLE LIGHTING SYSTEMS AND TMA DELINEATION
1205.08	PAVEMENT MARKINGS - SYMBOL AND WORD MESSAGES
1261.01	GUARDRAIL AND BARRIER DELINEATOR SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATOR TYPES
1262.01	GUARDRAIL END DELINEATION


SUMMARY OF QUANTITIES

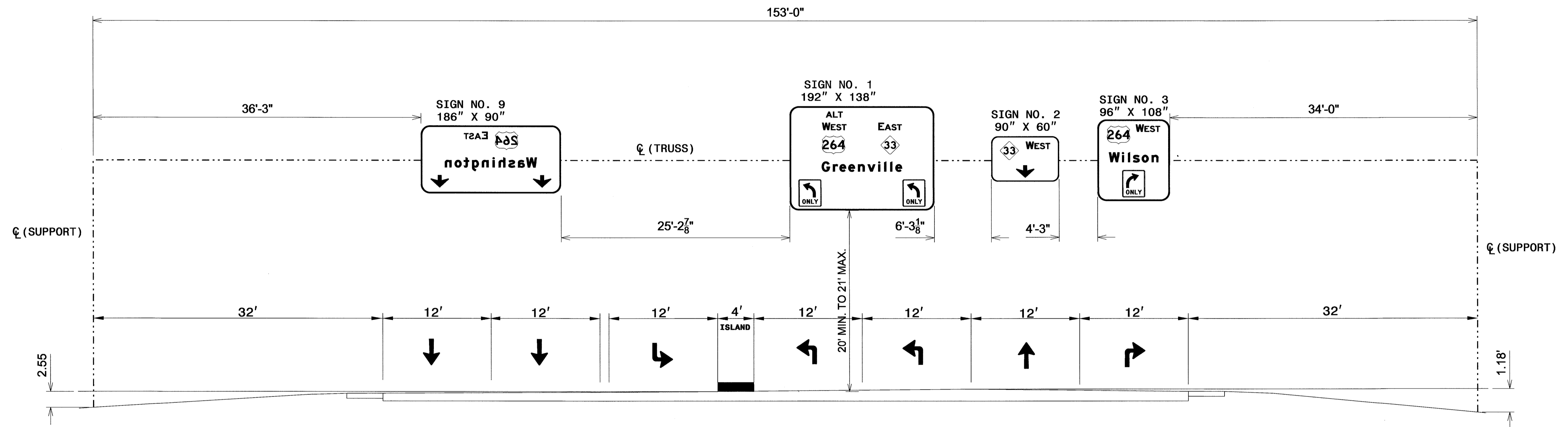
ITEM NO.	DESC. NO.	SECT. NO.	ITEM DESCRIPTION	QUANTITY	UNIT
3030000000	862		STEEL BM GUARDRAIL.....	325	L.F.
3150000000	862		ADDITIONAL GUARDRAIL POST.....	5	EA.
3210000000	862		GUARDRAIL ANCHOR UNITS, TYPE CAT-1.....	2	EA.
3270000000	SP		GUARDRAIL ANCHOR UNITS, TYPE 350.....	2	EA.
4057000000	SP		OVERHEAD FOOTING.....	36	C.Y.
4082000000	903		SUPPORTS, WOOD.....	45	L.F.
4082100000	SP		SUPPORTS, OVERHEAD SIGN STRUCTURE "AA".....	1	LS
4082100000	SP		SUPPORTS, OVERHEAD SIGN STRUCTURE "BB".....	1	LS
4082100000	SP		SUPPORTS, OVERHEAD SIGN STRUCTURE "CC".....	1	LS
4096000000	904		SIGN ERECTION, TYPE D.....	1	EA.
4399000000	SP		TEMPORARY TRAFFIC CONTROL.....	1	L.S.
4721000000	1205		THERMOPLASTIC PAVEMENT MARKING ALPHANUMERIC CHAR. (120 MIL).....	12	EA.
4725000000	1205		THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS).....	3	EA.

GENERAL NOTES

- SIGNS FURNISHED BY STATE
- ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO WOOD 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.
- DO NOT BEGIN FABRICATION FOR TYPES A & B SIGNS MOUNTED ON OVERHEAD STRUCTURES OR STEEL SUPPORTS UNTIL "S" DIMENSIONS HAVE BEEN FIELD VERIFIED.
- ALL UTILITIES (ABOVE AND UNDERGROUND) SHALL BE FIELD VERIFIED PRIOR TO ANY CONSTRUCTION ON THE PROJECT.

22-OCT-2012 14:16 \\Easterrp\Eric\US-264 Greenville\US 264 Greenville Title Sheet.dgn
 22-OCT-2012 14:16 \\Easterrp\Eric\US-264 Greenville\US 264 Greenville Title Sheet.dgn
 ericward

WBS NO. 43563.1.1	SHEET NO. SIGN-3A
APPROVED: <i>[Signature]</i>	
DATE: 10-22-12	
SEAL	
	




**PROPOSED OVERHEAD SIGN ASSEMBLY "AA"
US-264 WESTBOUND**

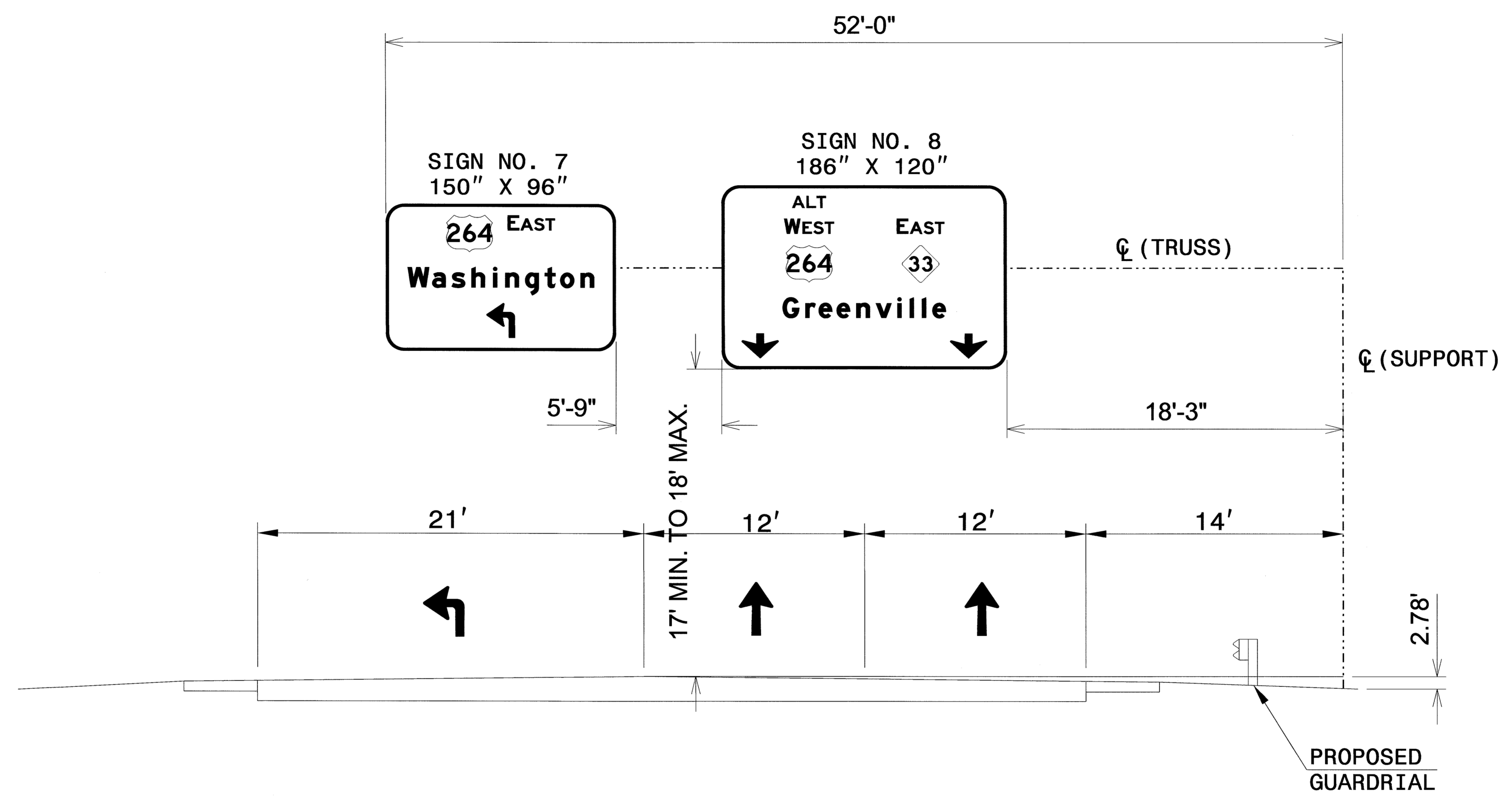
NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 4 INCHES AND NOT MORE THAN 24 INCHES ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 120 M.P.H.

**US-264 WESTBOUND PROPOSED
OVERHEAD SIGN ASSEMBLY "AA"**

22-OCT-2012 14:21
 S:\S&D\Region\Region\Projects\US-264 Greenville\Structure Line Drawings\dgn
 Structure Line Drawings\dgn

WBS NO. 43563.1.1	SHEET NO. SIGN-3C
APPROVED: <i>[Signature]</i>	
DATE: 10-22-12	
SEAL	
	



**PROPOSED OVERHEAD SIGN ASSEMBLY "CC"
US-264 EASTBOUND**

NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 4 INCHES AND NOT MORE THAN 24 INCHES ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 120 M.P.H.

**US-264 EASTBOUND PROPOSED
OVERHEAD SIGN ASSEMBLY "CC"**

22-OCT-2012 14:22 S:\S&DU\Region3\Projects\2012\12-17-12\US-264 Greenville Structure Line Drawings.dgn

TIP NO. 43563.1.1	SHEET NO. SIGN-4A
APPROVED: <i>[Signature]</i>	
DATE: 10-22-12	
SEAL	

SIGN NUMBER: 1 TYPE: A QUANTITY: 1 SIGN WIDTH: 16'-0" HEIGHT: 11'-6" TOTAL AREA: 184.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" NO. Z BARS: 3 LENGTH: 184.0	BACKG COLOR: Green COPY COLOR: White <table border="1"> <tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr> <tr><td>W1_4</td><td>43.3</td><td>74.7</td><td>30</td><td>24</td></tr> <tr><td>NC242</td><td>121.4</td><td>74.7</td><td>24</td><td>24</td></tr> <tr><td>R3-5L</td><td></td><td></td><td>30</td><td>36</td></tr> <tr><td>R3-5L</td><td></td><td></td><td>30</td><td>36</td></tr> </table>	SYMBOL	X	Y	WID	HT	W1_4	43.3	74.7	30	24	NC242	121.4	74.7	24	24	R3-5L			30	36	R3-5L			30	36	DESIGN BY: E WARD PROJECT ID: US-264 GREENVILLE CHECKED BY: DIV: 2 DATE: Sep 06, 2012
SYMBOL	X	Y	WID	HT																							
W1_4	43.3	74.7	30	24																							
NC242	121.4	74.7	24	24																							
R3-5L			30	36																							
R3-5L			30	36																							

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS									
Letter spacings are to start of next letter									
	A	L	T						Series/Size
48.3	9.5	6.6	6	121.6					E 2000
									22.2
43.3	10.6	1.1	7.1	7.4	6	116.6			E 2000
									32.2
118.1	7.5	0.8	9	7.4	6	43.2			E 2000
									30.7
42.7	14.8	8.7	11.7	12.9	12.7	14.1	8	8	6.8
									8.8
									42.7
									EM 2000
									106.5

FILENAME: US264 Greenville Guidesign NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 2 TYPE: A QUANTITY: 1 SIGN WIDTH: 7'-6" HEIGHT: 5'-0" TOTAL AREA: 37.5 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1.5" RADII: 9" NO. Z BARS: 2 LENGTH: 82.0	BACKG COLOR: Green COPY COLOR: White <table border="1"> <tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr> <tr><td>NC242</td><td>11.9</td><td>29.1</td><td>24</td><td>24</td></tr> <tr><td>ARDDOWN</td><td>33</td><td>5.1</td><td>24</td><td>16.5</td></tr> </table>	SYMBOL	X	Y	WID	HT	NC242	11.9	29.1	24	24	ARDDOWN	33	5.1	24	16.5	DESIGN BY: E WARD PROJECT ID: US-264 GREENVILLE CHECKED BY: DIV: 2 DATE: Oct 04, 2012
SYMBOL	X	Y	WID	HT													
NC242	11.9	29.1	24	24													
ARDDOWN	33	5.1	24	16.5													

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS									
Letter spacings are to start of next letter									
	W	E	S	T					Series/Size
45.9	10.6	1.1	7.1	7.4	6	11.9			E 2000
									32.2

FILENAME: US264 Greenville Guidesign NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 3 TYPE: A QUANTITY: 1 SIGN WIDTH: 8'-0" HEIGHT: 9'-0" TOTAL AREA: 72.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" NO. Z BARS: 3 LENGTH: 88.0	BACKG COLOR: Green COPY COLOR: White <table border="1"> <tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr> <tr><td>W1_4</td><td>12.9</td><td>75.5</td><td>30</td><td>24</td></tr> <tr><td>R3-5R</td><td></td><td></td><td>36</td><td>30</td></tr> </table>	SYMBOL	X	Y	WID	HT	W1_4	12.9	75.5	30	24	R3-5R			36	30	DESIGN BY: E WARD PROJECT ID: US-264 GREENVILLE CHECKED BY: DIV: 2 DATE: Sep 05, 2012
SYMBOL	X	Y	WID	HT													
W1_4	12.9	75.5	30	24													
R3-5R			36	30													

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS									
Letter spacings are to start of next letter									
	W	E	S	T					Series/Size
50.9	10.6	1.1	7.1	7.4	6	12.9			E 2000
									32.2
15.2	17.3	8	6.5	11.7	13.2	8.8	15.2		EM 2000
									65.6

FILENAME: US264 Greenville Guidesign NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 4 TYPE: A QUANTITY: 1 SIGN WIDTH: 11'-0" HEIGHT: 10'-0" TOTAL AREA: 110.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" NO. Z BARS: 3 LENGTH: 124.0	BACKG COLOR: Green COPY COLOR: White <table border="1"> <tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr> <tr><td>W1_4</td><td>22</td><td>56.8</td><td>30</td><td>24</td></tr> <tr><td>NC242</td><td>86</td><td>56.8</td><td>24</td><td>24</td></tr> <tr><td>ARDDOWN</td><td>54</td><td>6.9</td><td>24</td><td>16.5</td></tr> </table>	SYMBOL	X	Y	WID	HT	W1_4	22	56.8	30	24	NC242	86	56.8	24	24	ARDDOWN	54	6.9	24	16.5	DESIGN BY: E WARD PROJECT ID: US-264 GREENVILLE CHECKED BY: DIV: 2 DATE: Oct 04, 2012
SYMBOL	X	Y	WID	HT																		
W1_4	22	56.8	30	24																		
NC242	86	56.8	24	24																		
ARDDOWN	54	6.9	24	16.5																		

Spacing Factor is 1 unless specified otherwise


LETTER POSITIONS									
Letter spacings are to start of next letter									
	A	L	T						Series/Size
27	9.5	6.6	6	82.9					E 2000
									22.2
22	10.6	1.1	7.1	7.4	6	77.8			E 2000
									32.2
87.3	7.9	7.6	6	23.2					E 2000
									21.5
12.7	14.8	8.7	11.7	12.9	12.7	14.1	8	8	6.8
									8.8
									12.7
									EM 2000
									106.5

FILENAME: US264 Greenville Guidesign NORTH CAROLINA D.O.T. SIGN DETAIL

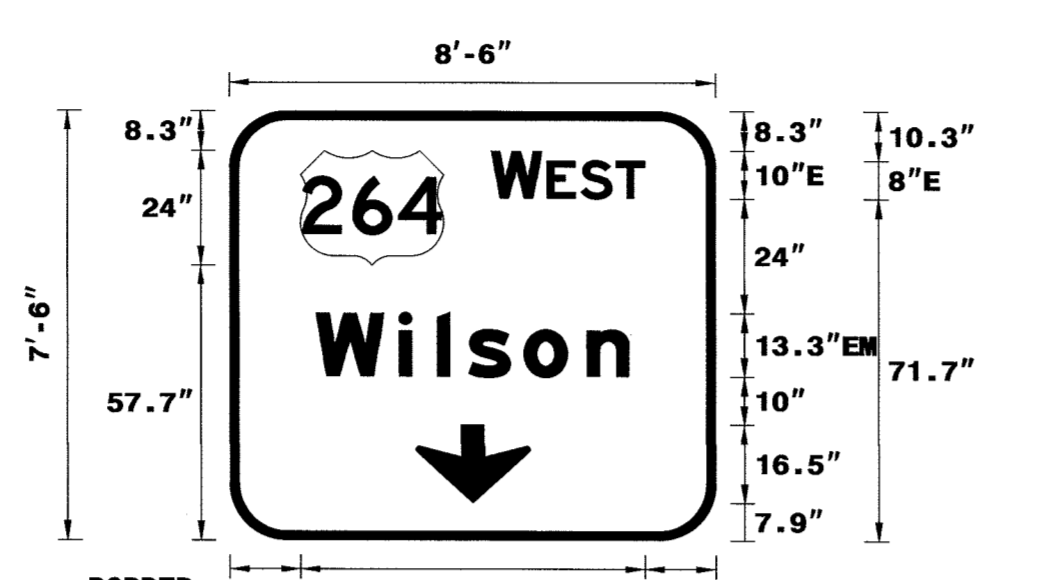
TYPE "A" SIGNS

23:50 10/21/2012 10:43 E:\aster\Eric\US-264 Greenville\Guidesign.dgn
 23:50 10/21/2012 10:43 E:\aster\Eric\US-264 Greenville\Guidesign.dgn

TIP NO. 43543.1.1	SHEET NO. SIGN-4B
APPROVED: <i>[Signature]</i>	
DATE: 10-22-12	
SEAL	



SIGN NUMBER: 5 TYPE: A QUANTITY: 1 SIGN WIDTH: 8'-6" HEIGHT: 7'-6" TOTAL AREA: 63.8 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" NO. Z BARS: 3 LENGTH: 94.0	BACKG COLOR: Green COPY COLOR: White <table border="1"> <tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr> <tr><td>MT_4</td><td>14.9</td><td>57.7</td><td>30</td><td>24</td></tr> <tr><td>ARROW</td><td>39</td><td>7.9</td><td>24</td><td>16.5</td></tr> </table>	SYMBOL	X	Y	WID	HT	MT_4	14.9	57.7	30	24	ARROW	39	7.9	24	16.5	DESIGN BY: E WARD PROJECT ID: US-264 GREENVILLE CHECKED BY: DIV: 2 DATE: Sep 05, 2012
SYMBOL	X	Y	WID	HT													
MT_4	14.9	57.7	30	24													
ARROW	39	7.9	24	16.5													



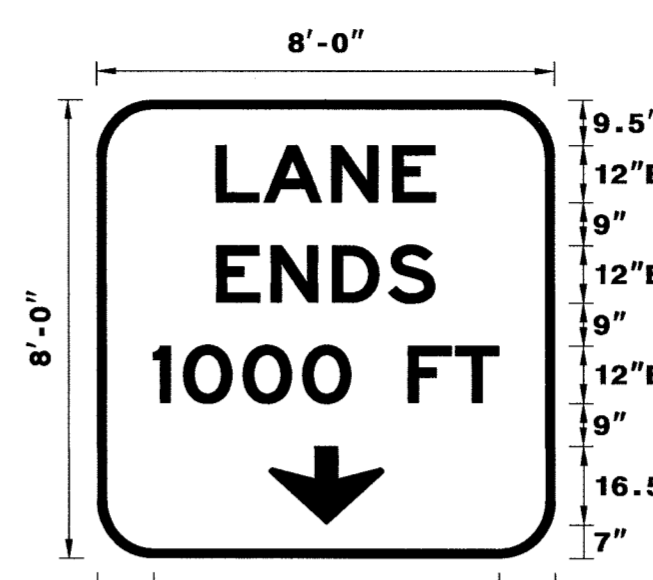
USE NOTES: 1,2,3

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

Letter spacings are to start of next letter										Series/Size	
W	E	S	T							Text Length	
54.9	10.6	1.1	7.1	7.4	6	14.9				E 2000	
										32.2	
18.2	17.3	8	6.5	11.7	13.2	8.8	18.2				EM 2000
										65.6	

FILENAME: US264 Greenville Guidesign NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 6 TYPE: A QUANTITY: 1 SIGN WIDTH: 8'-0" HEIGHT: 8'-0" TOTAL AREA: 64.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" NO. Z BARS: 3 LENGTH: 88.0	BACKG COLOR: Green COPY COLOR: White <table border="1"> <tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr> <tr><td>ARROW</td><td>38</td><td>7.1</td><td>24</td><td>16.5</td></tr> </table>	SYMBOL	X	Y	WID	HT	ARROW	38	7.1	24	16.5	DESIGN BY: E WARD PROJECT ID: US-264 GREENVILLE CHECKED BY: DIV: 2 DATE: Sep 05, 2012
SYMBOL	X	Y	WID	HT								
ARROW	38	7.1	24	16.5								



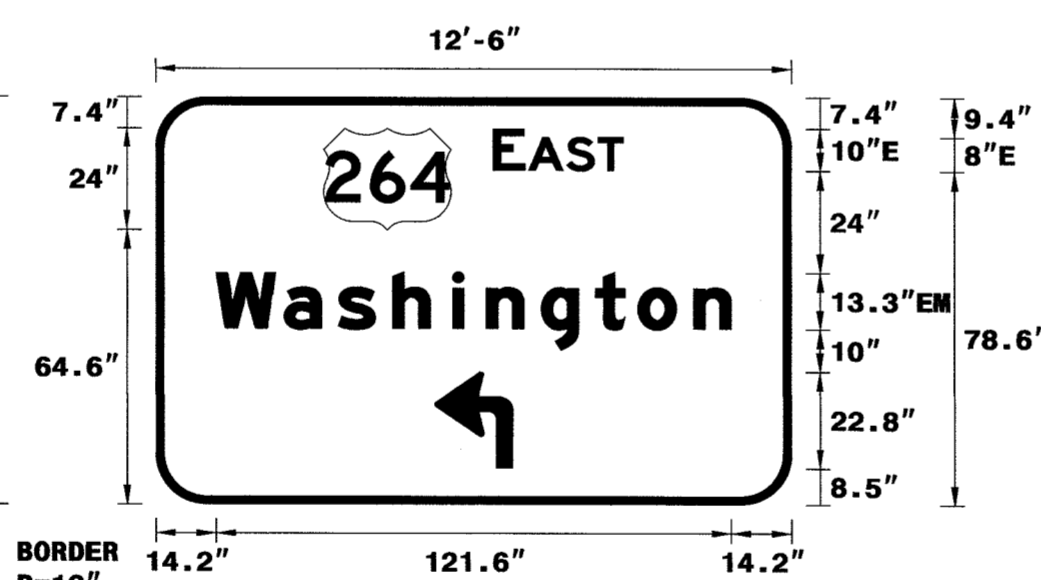
USE NOTES: 1,2,3

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

Letter spacings are to start of next letter										Series/Size	
L	A	N	E							Text Length	
25	10	14.3	12.8	9	25					E 2000	
										46.1	
25.1	11.4	12.8	11.8	8.7	25.1					E 2000	
										45.7	
11.8	6.4	12.5	12.5	10.1	12	10	9	11.8			E 2000
										72.4	

FILENAME: US264 Greenville Guidesign NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 7 TYPE: A QUANTITY: 1 SIGN WIDTH: 12'-6" HEIGHT: 8'-0" TOTAL AREA: 100.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" NO. Z BARS: 3 LENGTH: 142.0	BACKG COLOR: Green COPY COLOR: White <table border="1"> <tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr> <tr><td>MT_4</td><td>39.6</td><td>64.6</td><td>30</td><td>24</td></tr> <tr><td>ARROW</td><td>65.8</td><td>8.5</td><td>18.5</td><td>22.8</td></tr> </table>	SYMBOL	X	Y	WID	HT	MT_4	39.6	64.6	30	24	ARROW	65.8	8.5	18.5	22.8	DESIGN BY: E WARD PROJECT ID: US-264 GREENVILLE CHECKED BY: DIV: 2 DATE: Sep 05, 2012
SYMBOL	X	Y	WID	HT													
MT_4	39.6	64.6	30	24													
ARROW	65.8	8.5	18.5	22.8													



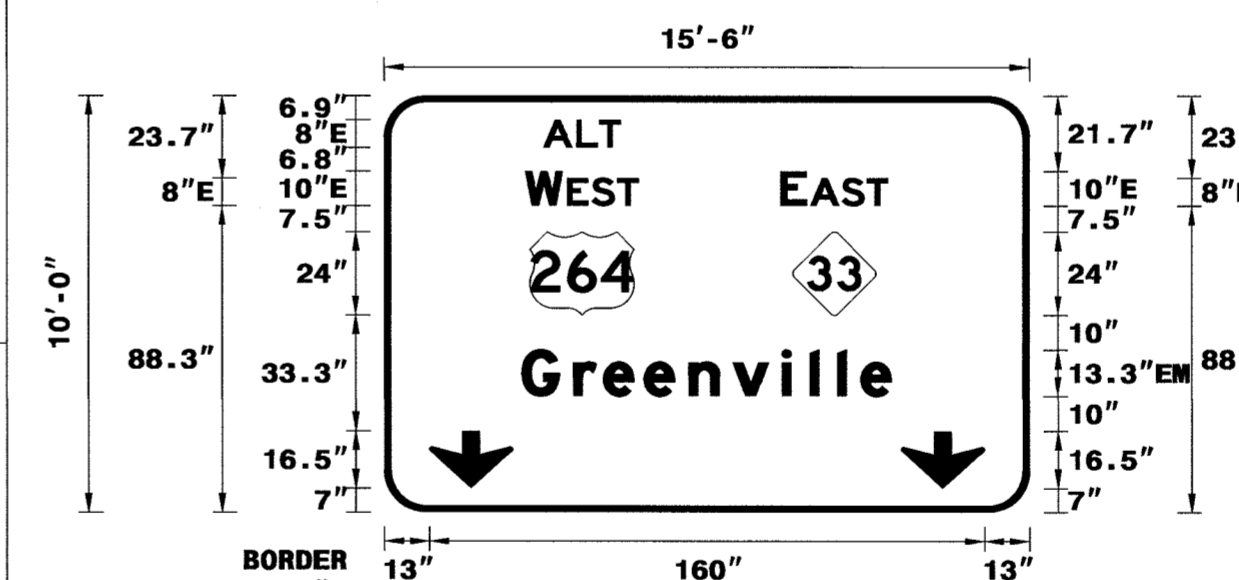
USE NOTES: 1,2,3

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

Letter spacings are to start of next letter										Series/Size		
E	A	S	T							Text Length		
79.7	7.5	0.8	9	7.4	6	39.6				E 2000		
										30.7		
14.2	16.1	12.7	12.9	14.1	8	12.9	12.8	10	13.2	8.8	14.2	EM 2000
										121.6		

FILENAME: US264 Greenville Guidesign NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 8 TYPE: A QUANTITY: 1 SIGN WIDTH: 15'-6" HEIGHT: 10'-0" TOTAL AREA: 155.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 12" NO. Z BARS: 3 LENGTH: 178.0	BACKG COLOR: Green COPY COLOR: White <table border="1"> <tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr> <tr><td>MT_4</td><td>42</td><td>56.8</td><td>30</td><td>24</td></tr> <tr><td>NC242</td><td>117.8</td><td>56.8</td><td>24</td><td>24</td></tr> <tr><td>ARROW</td><td>13</td><td>7</td><td>24</td><td>16.5</td></tr> <tr><td>ARROW</td><td>149</td><td>7</td><td>24</td><td>16.5</td></tr> </table>	SYMBOL	X	Y	WID	HT	MT_4	42	56.8	30	24	NC242	117.8	56.8	24	24	ARROW	13	7	24	16.5	ARROW	149	7	24	16.5	DESIGN BY: E WARD PROJECT ID: US-264 GREENVILLE CHECKED BY: DIV: 2 DATE: Sep 06, 2012
SYMBOL	X	Y	WID	HT																							
MT_4	42	56.8	30	24																							
NC242	117.8	56.8	24	24																							
ARROW	13	7	24	16.5																							
ARROW	149	7	24	16.5																							



USE NOTES: 1,2,3

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


Letter spacings are to start of next letter										Series/Size		
A	L	T								Text Length		
45.9	9.5	6.6	6	117.9						E 2000		
										22.2		
40.7	10.6	1.4	7.1	7.4	6	112.7				E 2000		
										32.5		
114.3	7.5	1	9	7.4	6	40.8				E 2000		
										30.9		
39.7	14.8	8.7	11.7	12.9	12.7	14.1	8	8	6.8	8.8	39.7	EM 2000
										106.5		

FILENAME: US264 Greenville Guidesign NORTH CAROLINA D.O.T. SIGN DETAIL

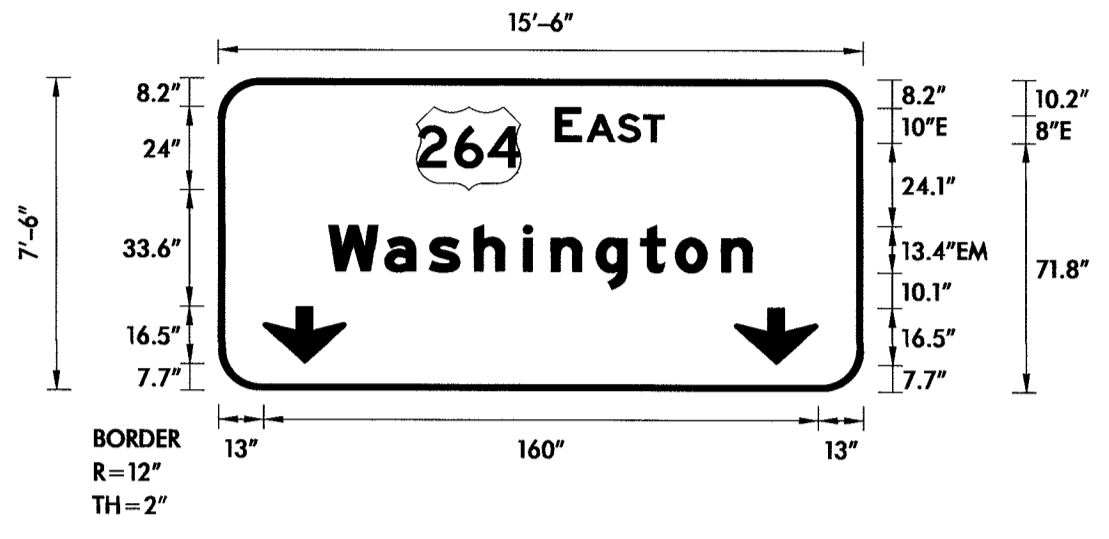
27-SEP-2012 10:07 AM Eastern\Eric\US264 Greenville Guidesign.dgn
 27-SEP-2012 10:07 AM Eastern\Eric\US264 Greenville Guidesign.dgn

TYPE "A" SIGNS

TIP NO. 43563.1.1	SHEET NO. SIGN-4C
APPROVED: <i>[Signature]</i>	
DATE: 10-22-12	
SEAL	



SIGN NUMBER: 9 TYPE: A QUANTITY: 1 SIGN WIDTH: 15'-6" HEIGHT: 7'-6" TOTAL AREA: 116.3 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADI: 12" NO. Z BARS: 3 LENGTH: 178.0	<table border="1"> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> <tr> <td>WT_4</td> <td>57.3</td> <td>57.8</td> <td>30</td> <td>24</td> </tr> <tr> <td>ARDOWN</td> <td>13</td> <td>7.7</td> <td>24</td> <td>16.5</td> </tr> <tr> <td>ARDOWN</td> <td>149</td> <td>7.7</td> <td>24</td> <td>16.5</td> </tr> </table>	SYMBOL	X	Y	WID	HT	WT_4	57.3	57.8	30	24	ARDOWN	13	7.7	24	16.5	ARDOWN	149	7.7	24	16.5	DESIGN BY: E WARD CHECKED BY: PROJECT ID: US-264 GREENVILLE DIV: 2 DATE: Oct 04, 2012
SYMBOL	X	Y	WID	HT																		
WT_4	57.3	57.8	30	24																		
ARDOWN	13	7.7	24	16.5																		
ARDOWN	149	7.7	24	16.5																		



USE NOTES: 1,2

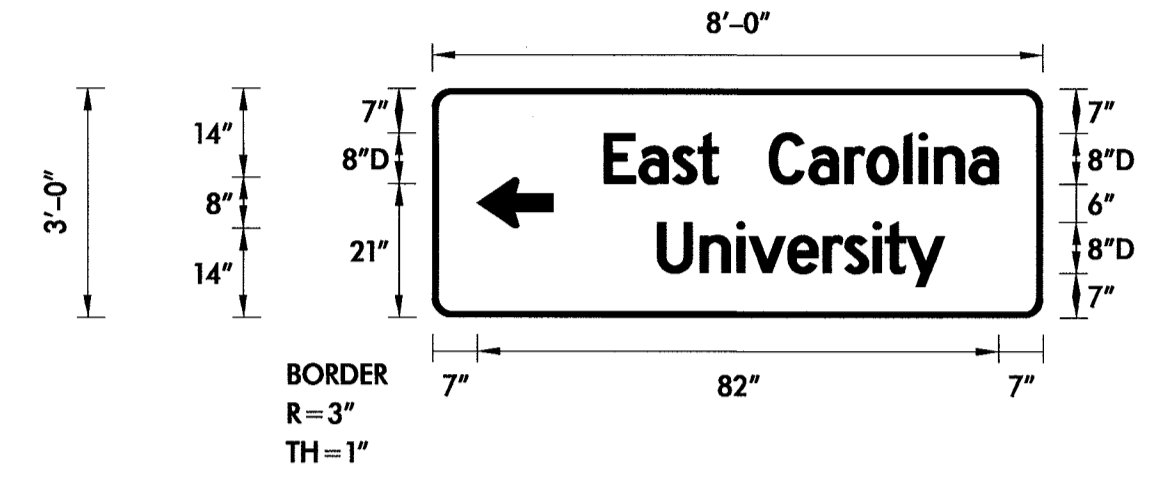
- Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS												Series/Size
Letter spacings are to start of next letter												Text Length
E	A	S	T									E 2000
97.3	7.5	1.5	9	7.4	6	57.3						31.4
W	a	s	h	i	n	g	t	o	n			EM 2000
31.9	16.2	12.7	13	14.2	8	13	12.9	10.1	13.3	8.8	31.9	122.2

FILENAME: US264 Greenville Guidsign NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 301 TYPE: D QUANTITY: 1 SIGN WIDTH: 8'-0" HEIGHT: 3'-0" TOTAL AREA: 24.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1" RADI: 3" NO. Z BARS: LENGTH:	<table border="1"> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> <tr> <td>AR_Type D</td> <td>7</td> <td>14</td> <td>8</td> <td>12</td> </tr> </table>	SYMBOL	X	Y	WID	HT	AR_Type D	7	14	8	12	DESIGN BY: E WARD CHECKED BY: PROJECT ID: US-264 GREENVILLE DIV: 2 DATE: Oct 04, 2012
SYMBOL	X	Y	WID	HT								
AR_Type D	7	14	8	12								



USE NOTES: 1,2

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

Spacing Factor is 1 unless specified otherwise

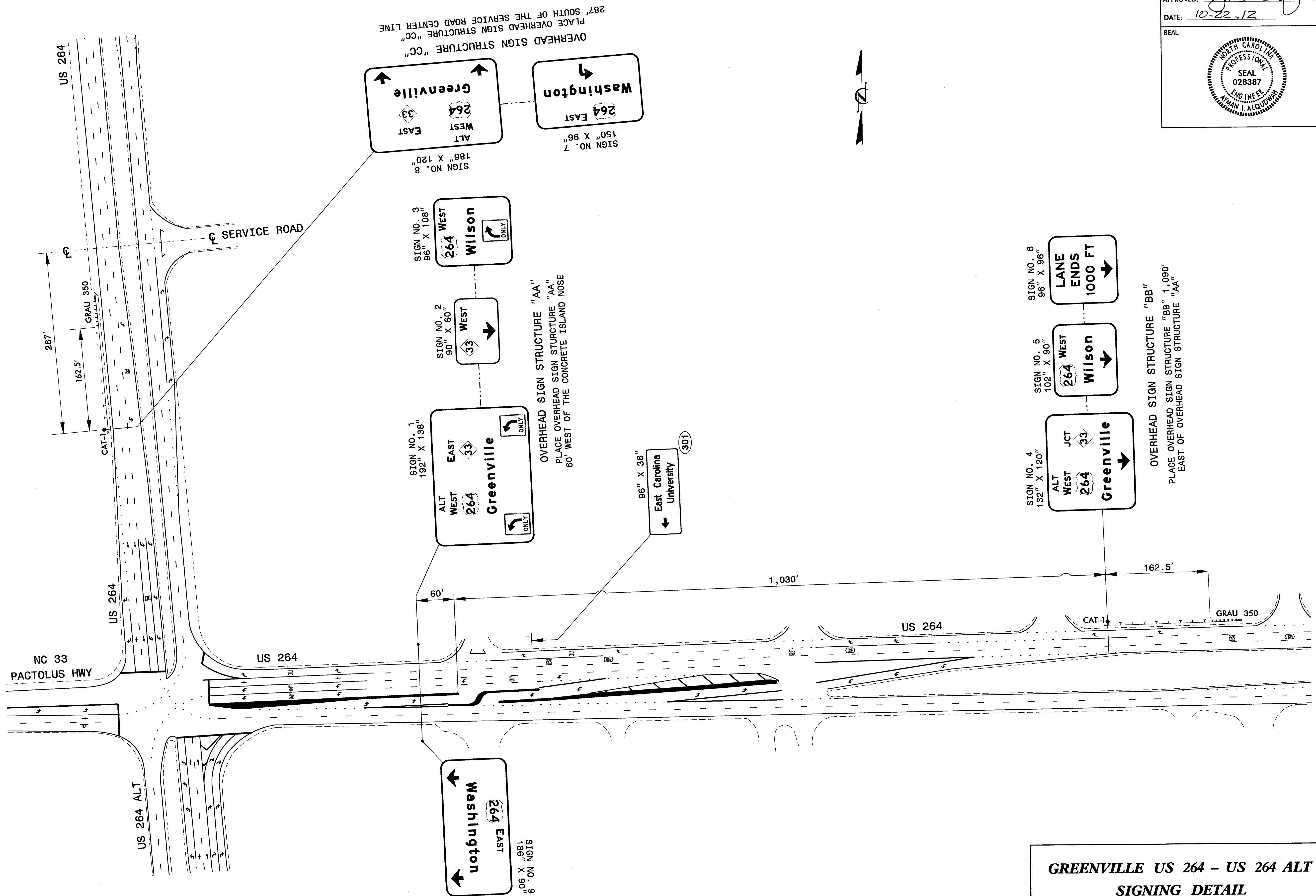
LETTER POSITIONS												Series/Size			
Letter spacings are to start of next letter												Text Length			
E	a	s	t	C	a	r	o	l	i	n	a	D 2000			
27	5.5	5.3	4	3.2	8	6.3	5.6	3.5	5.8	2.4	2.4	5.5	4.6	7	62
U	n	i	v	e	r	s	i	t	y						D 2000
35.4	6.7	5.8	2	6.1	5.5	3.4	4.5	1.9	3.4	6	15.4				45.2

FILENAME: US264 Greenville Guidsign NORTH CAROLINA D.O.T. SIGN DETAIL

04-001-202-1108
 8-11-2012
 8:15:00 AM
 10/22/12
 10:27:05 AM
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 Greenville Guidsign.dgn

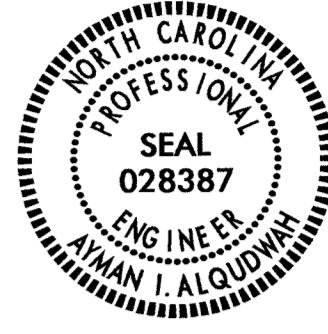
TYPE "A" & "D" SIGNS

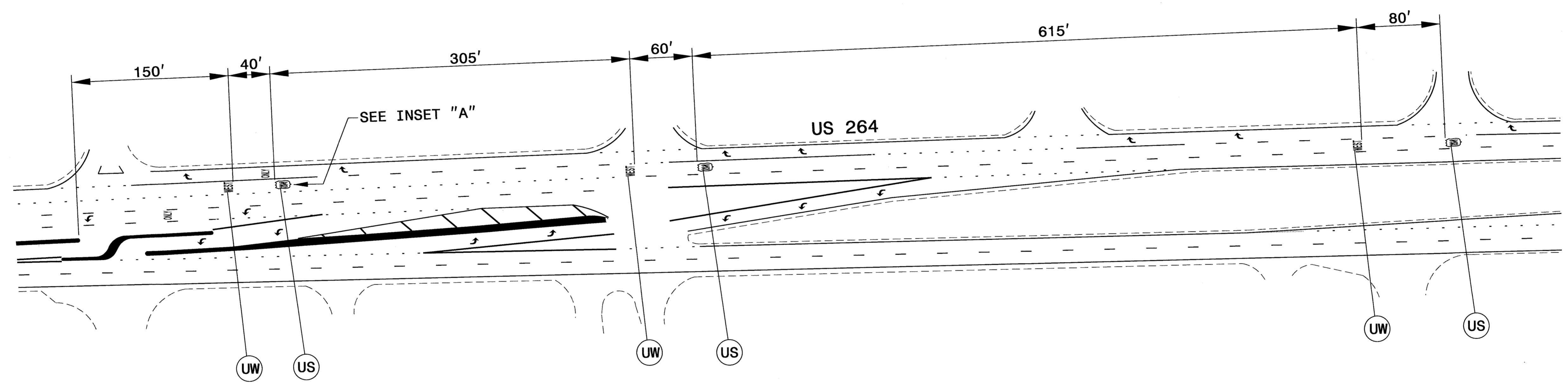
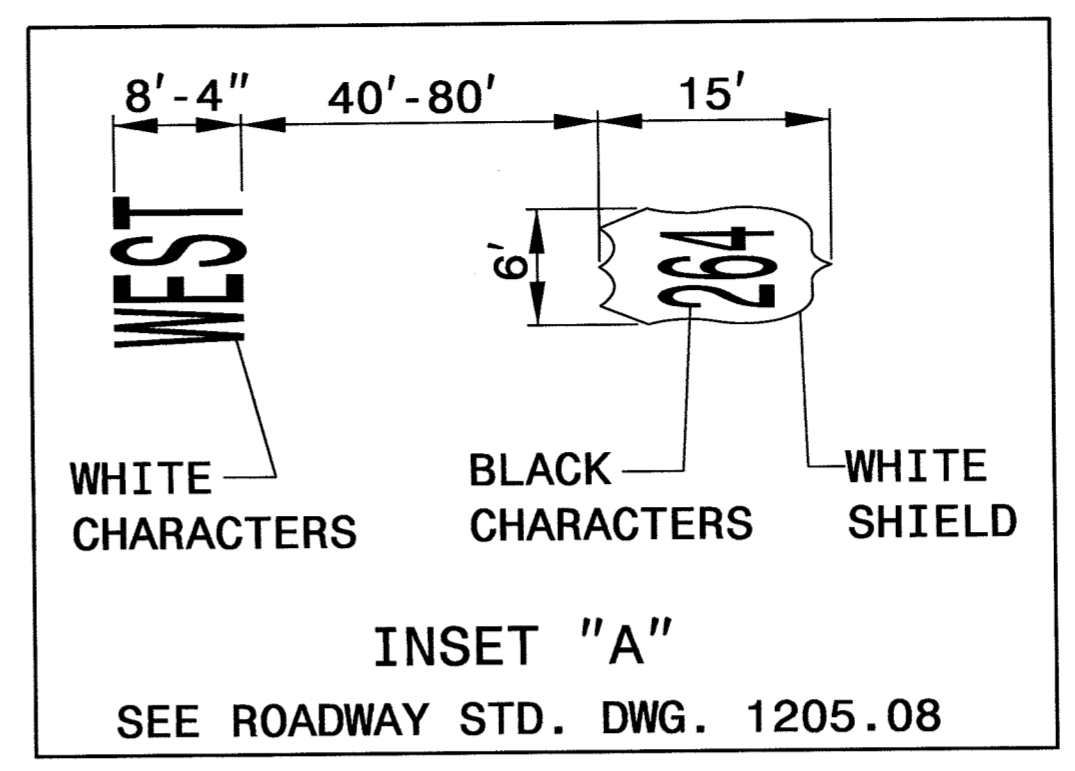
WBS NO.	SHEET NO.
43563.1.1	5
APPROVED: <i>[Signature]</i>	
DATE: 10-22-12	
SEAL	



**GREENVILLE US 264 - US 264 ALT
SIGNING DETAIL**

23 OCT 2012 10:09 235631018.dwg Eastern\Eric\US-264 Greenville Plan Sheet.dgn
 23 OCT 2012 10:09 235631018.dwg Eastern\Eric\US-264 Greenville Plan Sheet.dgn
 23 OCT 2012 10:09 235631018.dwg Eastern\Eric\US-264 Greenville Plan Sheet.dgn

WBS NO. 43563.1.1	SHEET NO. PMP-1
APPROVED: <i>[Signature]</i>	
DATE: 10-22-12	
SEAL	
	



GENERAL NOTES

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT, EXCEPT WHEN OTHERWISE NOTED IN THE PLAN, OR DIRECTED BY THE ENGINEER.

A) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:

ROAD NAME	MARKING	MARKER
US-264	THERMOPLASTIC	NONE

B) FOR US-264 SYMBOLS USE HEATED IN PLACE THERMOPLASTIC THAT IS LISTED IN THE SIGNING AND DELINEATION WEB SITE FOR APPROVED PRODUCTS LIST.

C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.

PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION
THERMOPLASTIC PAVEMENT MARKING SYMBOLS (90 MILS)	
US	US-264 SYMBOL
THERMOPLASTIC PAVEMENT MARKING CHARACTERS (120 MILS)	
UW	ALPHANUMERIC CHARACTERS

**GREENVILLE US 264 - US 264 ALT
PAVEMENT MARKING DETAIL**

04-OCT-2012 11:34 AM Eastern\Eric\US-264 Greenville Pavement Marking Plan Sheet.dgn

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

PITT COUNTY



GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLAN OR DIRECTED BY THE ENGINEER.

TIME RESTRICTIONS

A) DO NOT CLOSE OR NARROW TRAVEL LANES AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS
US 264	MONDAY THRU FRIDAY 6:00AM TO 9:00AM AND 4:00PM TO 7:00PM

B) DO NOT CLOSE OR NARROW TRAVEL LANES DURING HOLIDAYS AND SPECIAL EVENTS AS FOLLOWS:

ROAD NAME	HOLIDAY
US 264	<ol style="list-style-type: none"> FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER. FOR ECU HOME FOOTBALL GAMES, BETWEEN THE HOURS OF 6:00 A.M. THE DAY OF THE GAME AND 4 HOURS AFTER THE END OF THE FOOTBALL GAME.

C) DO NOT STOP TRAFFIC AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS	DURATION AND OPERATION
US 264	MONDAY THRU SUNDAY 4:00AM TO THE FOLLOWING 1:00AM	30 MINUTES TO INSTALL OVERHEAD SIGN ASSEMBLIES

LANE AND SHOULDER CLOSURE REQUIREMENTS

- D) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.
- E) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.
- F) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN 5 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO A DIVIDED FACILITY AND WITHIN 10 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

- G) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS, OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.

- H) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP, OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.

TRAFFIC CONTROL DEVICES

- I) WHEN LANE CLOSURES ARE NOT IN EFFECT SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER IN FEET THAN TWICE THE POSTED SPEED LIMIT (MPH) EXCEPT, 10 FT ON-CENTER IN RADII, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY. REFER TO STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES SECTIONS 1130 (DRUMS), 1135 (CONES) AND 1180 (SKINNY DRUMS) FOR ADDITIONAL REQUIREMENTS.

MISCELLANEOUS

- J) LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.

INDEX OF SHEETS

SHEET NO.	TITLE
TMP-1	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, INDEX OF SHEETS, TRAFFIC CONTROL NARRATIVE AND GENERAL NOTES

TRAFFIC CONTROL NARRATIVE

SEE GENERAL NOTES, INTERMEDIATE CONTRACT TIMES, AND LIQUIDATED DAMAGES FOR LANE CLOSURE AND TRAFFIC STOPPING RESTRICTIONS.

FOR OVERHEAD SIGN STRUCTURES AA THRU CC ON US 264 IN PITT COUNTY, USE TEMPORARY LANE OR SHOULDER CLOSURES (SEE RSD 1101.02 SHEET 3, AND RSD 1101.04) TO CONSTRUCT THE SIGN FOUNDATION AND UPRIGHTS.

USING RSD 1101.03, SHEET 9 AND THE ASSISTANCE OF LAW ENFORCEMENT, PACE ALL LANES OF TRAFFIC WITHIN A GIVEN DIRECTION TO A STOP. (USE LAW ENFORCEMENT TO STOP LEFT AND RIGHT TURNS FROM US 264 AND US 264 ALT AND EASTBOUND TRAFFIC FROM NC 33 DURING INSTALLATION OF SIGN ASSEMBLY)

INSTALL THE OVERHEAD PORTION OF THE SIGN ASSEMBLY AND REOPEN ALL LANES TO TRAFFIC WITHIN 30 MINUTES. IF MULTIPLE CLOSURES WILL BE REQUIRED, A MINIMUM PERIOD OF 20 MINUTES SHOULD TRANSPIRE BEFORE RE-CLOSING THE ROADWAY.

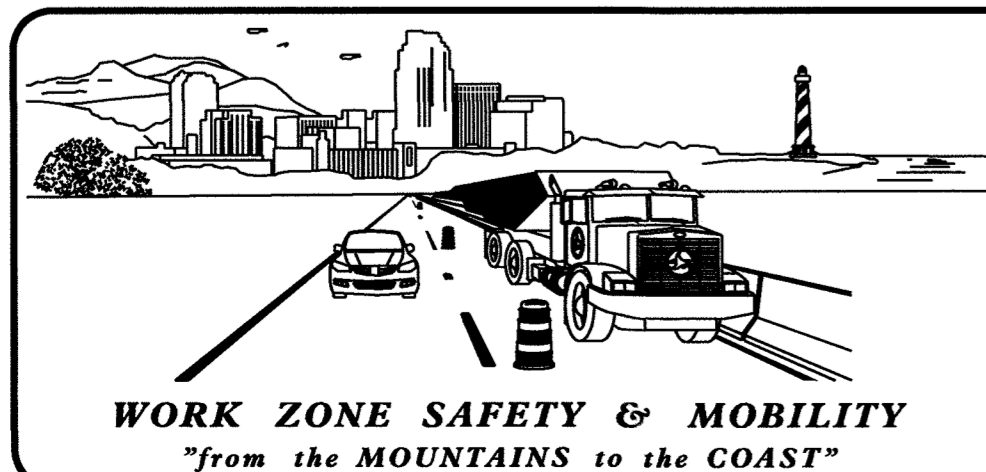
TRAFFIC MAY ONLY BE STOPPED BETWEEN THE HOURS OF 1:00 AM AND 4:00 AM.

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN 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:

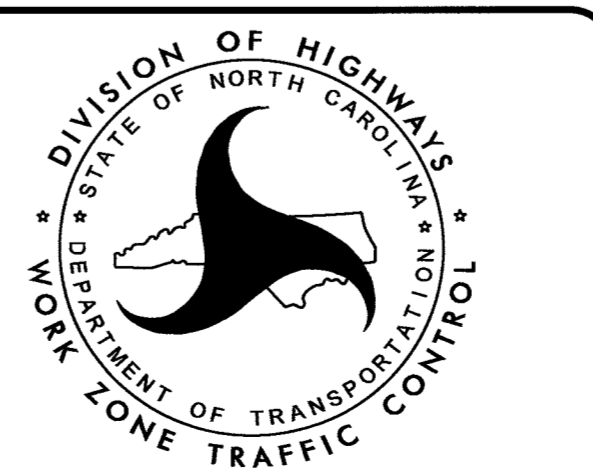
STD. NO.	TITLE
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUMS
1135.01	CONES
1165.01	WORK VEHICLE LIGHTING SYSTEMS AND TMA DELINEATION

25-SEP-2012 11:39 \\DOT\DFSROOT\ION\GROUPLPS-WZTCCC\TMU\WZTC\DesignGroup\DIGSOB\Patel\43563.1\Greenville_Pitt\Npitt Co Signing.dgn okpatel AT TE266003



N.C.D.O.T. WORK ZONE TRAFFIC CONTROL
1580 MAIL SERVICE CENTER (MSC) RALEIGH, NC 27699-1580
1020 BIRCH RIDGE DRIVE, RALEIGH, NC 27610 (DELIVERY)
PHONE: (919) 250-4094 FAX: (919) 250-4098

J. S. BOURNE, P.E. STATE TRAFFIC MANAGEMENT ENGINEER
STEVE KITE, P.E. TRAFFIC CONTROL PROJECT ENGINEER
DON PARKER TRAFFIC CONTROL PROJECT DESIGN ENGINEER
ASHVIN PATEL, P.E. TRAFFIC CONTROL DESIGN ENGINEER



APPROVED: *[Signature]*
DATE: *September 25, 2012*

SEAL

WBS: 43563.1.1