

MULTIPLE PANEL SIGNS TO BE MOUNTED ON I-BEAM BREAKAWAY POSTS  
**ITEMIZED LISTING OF ESTIMATED QUANTITIES**  
 SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	GREENVILLE	0038H - R02	I-85 / I-385	SN3

SIGN NUMBER	STATION NUMBER L=LEFT R=RIGHT	P.E.C. (FEET)	M.H. (FEET)	SOIL TYPE (G, A, P)	REFLECT-ORIZATION	NOTE (3)		NOTE (4)		NOTE (1)		NOTE (2)				POST SIZE	POST LENGTH ABOVE SLIP PLATE (H+MH+L-O.25)			STUB LENGTH	TOTAL STUB LENGTH (# POSTS X STUB LGTH)	TOTAL LENGTH OF POST PER SIGN P <sub>1</sub> + P <sub>2</sub> + P <sub>3</sub> + S	LBS. OF POST STEEL PER SIGN			
						SIGN WIDTH - HEIGHT (FEET)	EXIT PANEL WIDTH (FEET)	EXIT PANEL AREA (SQ FT)	AREA (SQ. FEET)	NO. POSTS	AREA PER POST (SQ FT)	SIGN NUMBER	DISTANCE FROM REFERENCE GRADE (EDGE OF TRAVELWAY) TO GROUND LINE				dH H/2+MH+L <sub>0</sub>	P <sub>1</sub>	P <sub>2</sub>					P <sub>3</sub>		
													POSTS		DESIGN											
													L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>										L <sub>0</sub> = ∆L <sub>g</sub> / # POSTS	
LODGING 51A	206+00R I85	25.0	7.0	G	TYPE III	15.0	10.0		150.00	2	75.00	LODGING 51A	3.10	2.80	----	2.95	14.95	W8x21	19.85	19.55	---	5.50	11.00	50.40	1058	
FOOD 51A	212+50R I85	22.0	7.0	G	TYPE III	15.0	10.0		150.00	2	75.00	FOOD 51A	3.50	2.00	----	2.75	14.75	W8x21	20.25	18.75	---	5.50	11.00	50.00	1050	
GAS 51A	223+00R I85	30.0	7.0	G	TYPE III	15.0	10.0		150.00	2	75.00	GAS 51A	5.70	8.10	----	6.90	18.90	W10x22	22.45	24.85	---	5.75	11.50	58.80	1294	
LOGO 51A	252+00R I85NBCD	20.0	7.0	G	TYPE III	9.5	7.5		71.25	2	35.63	LOGO 51A	2.80	3.80	----	3.30	14.05	W8x10	17.05	18.05	---	4.00	8.00	43.10	431	
LODGING 54	396+00R I85	20.0	7.0	G	TYPE III	15.0	10.0		150.00	2	75.00	LODGING 54	3.50	6.80	----	5.15	17.15	W10x22	20.25	23.55	---	5.75	11.50	55.30	1217	
FOOD 54	404+00R I85	30.0	7.0	G	TYPE III	15.0	10.0		150.00	2	75.00	FOOD 54	2.10	-2.20	----	-0.05	11.95	W8x18	18.85	14.55	---	4.75	9.50	42.90	772	
GAS 54	412+00R I85	20.0	7.0	G	TYPE III	15.0	10.0		150.00	2	75.00	GAS 54	2.00	3.50	----	2.75	14.75	W8x21	18.75	20.25	---	5.50	11.00	50.00	1050	
RAMP LOD 54	56+50R PEL R	22.0	7.0	G	TYPE III	8.5	6.5		55.25	2	27.63	RAMP LOD 54	0.70	0.00	----	0.35	10.60	W6x9	13.95	13.25	---	4.00	8.00	35.20	317	
RAMP FD 54	58+50R PEL R	22.0	7.0	G	TYPE III	8.5	6.5		55.25	2	27.63	RAMP FD 54	0.80	-0.30	----	0.25	10.50	W6x9	14.05	12.95	---	4.00	8.00	35.00	315	
RAMP GAS 54	60+50R PEL R	22.0	7.0	G	TYPE III	8.5	6.5		55.25	2	27.63	RAMP GAS 54	0.80	-0.60	----	0.10	10.35	W6x9	14.05	12.65	---	4.00	8.00	34.70	312	
FOOD 35	317+00R I385	16.0	7.0	G	TYPE III	15.0	10.0		150.00	2	75.00	FOOD 35	1.50	2.80	----	2.15	14.15	W8x21	18.25	19.55	---	5.50	11.00	48.80	1025	
GAS 35	325+00R I385	22.0	7.0	G	TYPE III	15.0	10.0		150.00	2	75.00	GAS 35	1.80	-2.70	----	-0.45	11.55	W8x18	18.55	14.05	---	4.75	9.50	42.10	758	
RAMP FD 35	57+00R R11	22.0	7.0	G	TYPE III	8.5	6.5		55.25	2	27.63	RAMP FD 35	2.00	0.80	----	1.40	11.65	W6x9	15.25	14.05	---	4.00	8.00	37.30	336	
RAMP GAS 35	59+00R R11	22.0	7.0	G	TYPE III	8.5	6.5		55.25	2	27.63	RAMP GAS 35	2.00	0.50	----	1.25	11.50	W6x9	15.25	13.75	---	4.00	8.00	37.00	333	
G/F/L 34	320+00L I385	25.0	7.0	G	TYPE III	15.0	10.0		150.00	2	75.00	G/F/L 34	2.50	0.60	----	1.55	13.55	W8x18	19.25	17.35	---	4.75	9.50	46.10	830	
G/F/L 35	420+00L I385	25.0	7.0	G	TYPE III	15.0	10.0		150.00	2	75.00	G/F/L 35	0.50	1.30	----	0.90	12.90	W8x18	17.25	18.05	---	4.75	9.50	44.80	806	
R2-4a-48-60/45	388+10R I85	20.0	5.0	G	TYPE III	4.0	8.0		32.00	2	16.00	R2-4a-48-60/45	2.30	2.70	----	2.50	11.50	S4x7.7	15.05	15.45	---	4.00	8.00	38.50	296	
R2-4a-48-60/45	395+00L I85	28.0	5.0	G	TYPE III	4.0	8.0		32.00	2	16.00	R2-4a-48-60/45	---	---	----	---	---	---	---	---	---	---	---	---	---	*
R2-4a-48-60/45	198+00L I85	20.0	5.0	G	TYPE III	4.0	8.0		32.00	2	16.00	R2-4a-48-60/45	0.40	0.60	----	0.50	9.50	S3x5.7	13.15	13.35	---	4.00	8.00	34.50	197	
R2-4a-48-65/45	313+00L I385	20.0	5.0	G	TYPE III	4.0	8.0		32.00	2	16.00	R2-4a-48-65/45	1.80	2.50	----	2.15	11.15	S3x5.7	14.55	15.25	---	4.00	8.00	37.80	215	
R2-4a-48-55/45	313+00R I385	20.0	5.0	G	TYPE III	4.0	8.0		32.00	2	16.00	R2-4a-48-55/45	2.30	2.90	----	2.60	11.60	S4x7.7	15.05	15.65	---	4.00	8.00	38.70	298	

6520200 TOTAL 2007.50

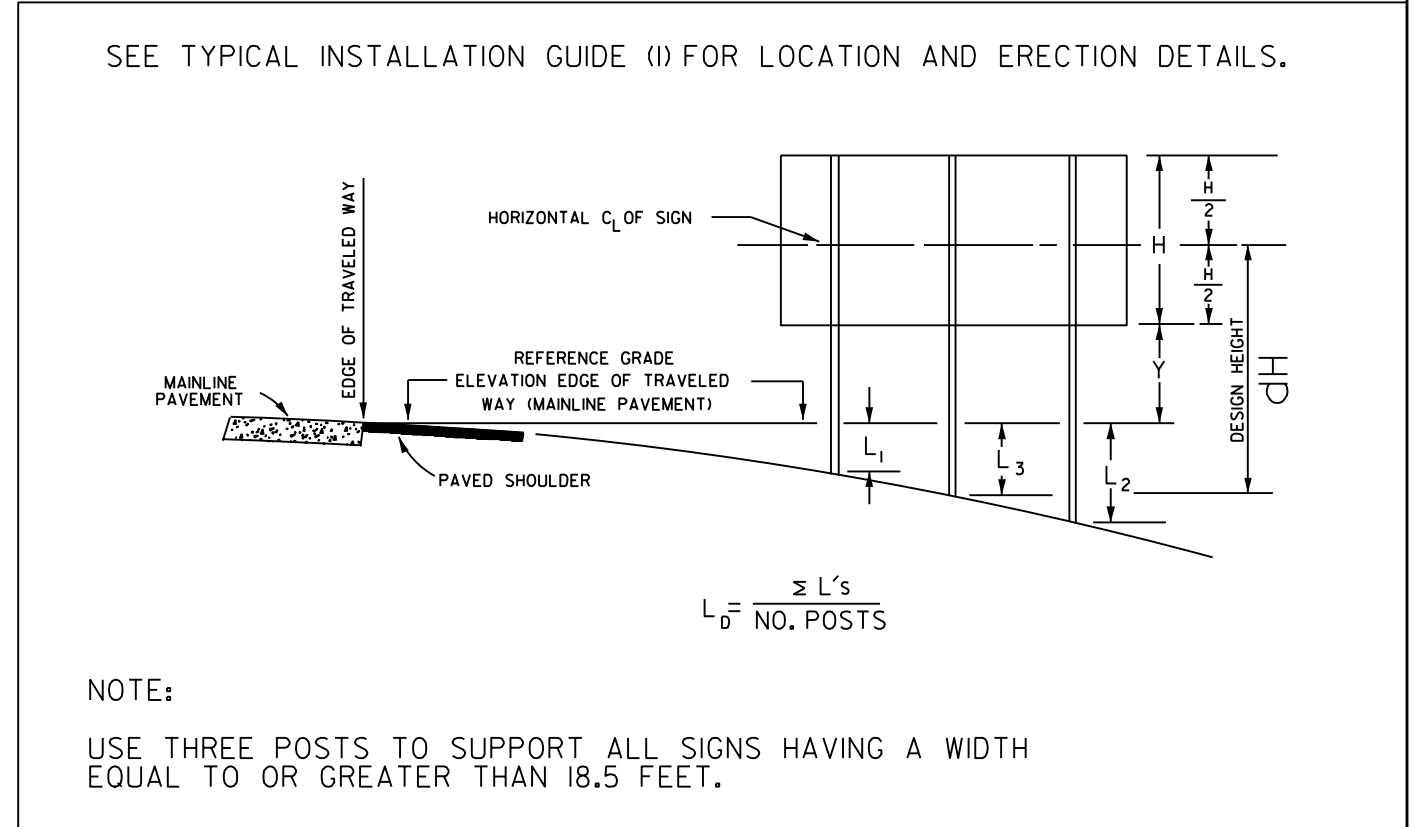
6541005 TOTAL 12910

05/16/16 ADJUSTED PEC AND POSTS FOR R2-4a-48-60/45 AT STA.395+00L I-85 R.L.D. B.G.N.

- NOTES:
- 1) INCLUDES AREA OF EXIT PANEL WHERE APPLICABLE
  - 2) INCLUDES HEIGHT OF EXIT PANEL WHERE APPLICABLE
  - 3) SIZE DENOTES ACTUAL DIMENSIONS OF SIGN TO BE ERECTED
  - 4) AREA DENOTES ACTUAL AREA OF SIGN TO BE ERECTED

NOTE: ANY BLANK SPACES UNDER THE BREAKAWAY POST CALCULATIONS, MEANS NO POST REQUIRED.  
 \* SIGN TO BE MOUNTED ON WALL, USE PAYITEM NO. 6513000

12/11/15



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# ITEMIZED LISTING OF ESTIMATED QUANTITIES

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

<b>6573100 OVERHEAD STRUCTURES</b>									
OVERHEAD STRUCTURE NUMBER	STATION LOCATION	QUANTITY	TYPE	SPAN LENGTH (FT)	SUPPORTS LENGTH (FT) (GROUND TO LOWEST HORIZONTAL MEMBER)		FOOTING REQUIRED FOR THIS BID ITEM	SIGNS SUPPORTED	
					LEFT	RIGHT			
OH-18	360+00	1	CANTILEVER	35.00	-	22.21	1	OH-18	
OH-19	371+50	1	SIGN BRIDGE	87.82	16.21	20.62	2	OH-19	
OH-20	377+00	1	CANTILEVER	34.78	-	21.25	1	OH-20	
OH-21	404+00	1	SIGN BRIDGE	75.91	15.59	20.25	2	OH-21	
OH-22	408+00	1	CANTILEVER	35.00	-	20.17	1	OH-22	
OH-23	427+35	1	SIGN BRIDGE	87.86	15.41	20.83	2	OH-23A, OH-23B	
OH-24	445+00	1	CANTILEVER	34.50	-	17.99	1	OH-24	
OH-27	306+00	1	SIGN BRIDGE	81.68	15.59	19.31	2	OH-27	
OH-28	315+00	1	CANTILEVER	34.00	-	19.78	1	OH-28	
OH-30	327+50	1	SIGN BRIDGE	90.00	14.83	22.02	2	OH-30	
OH-31	328+00	1	BRIDGE MOUNT	-	-	-	-	OH-31	
OH-32	336+50	1	CANTILEVER	35.00	-	20.57	1	OH-32	
OH-33	50+00	1	SIGN BRIDGE	60.25	14.64	16.29	2	OH-33	
OH-34	105+75	1	CANTILEVER	45.00	-	19.65	1	OH-34	
OH-35	375+00	1	CANTILEVER	36.50	13.74	-	1	OH-35A, OH-35B	
OH-36	41+25	1	CANTILEVER	45.00	14.75	-	1	OH-36A, OH-36B	
					6573100		TOTAL	16	

<b>6573106 REFURBISH OVERHEAD STRUCTURES</b>								
OVERHEAD STRUCTURE NUMBER	STATION LOCATION	QUANTITY	TYPE	SPAN LENGTH (FT)	SUPPORTS LENGTH (FT)	FOOTING REQUIRED FOR THIS BID ITEM	SIGNS SUPPORTED	
OH-25	278+00	1	SIGN BRIDGE	-	-	-	OH-25A, OH-25B	
OH-26	302+00	1	SIGN BRIDGE	-	-	-	OH-26A, OH-26B	

<b>6573103 RELOCATION OF OVERHEAD STRUCTURE</b>								
OVERHEAD STRUCTURE NUMBER	STATION LOCATION	QUANTITY	TYPE	SPAN LENGTH (FT)	SUPPORTS LENGTH (FT)	FOOTING REQUIRED FOR THIS BID ITEM	SIGNS SUPPORTED	
OH-29	337+00	1	BUTTERFLY	-	-	-	OH-29	

<b>6573115 TOTAL</b>									
					6573115		TOTAL	1	

<b>PANELS TO BE MOUNTED OVERHEAD</b>									
SIGN NUMBER MOUNTED ON CORRESPONDING STRUCTURE NO.	SIGN SURFACE TYPE	SIGN SIZE WIDTH X HEIGHT (FEET)	AREA (SQ. FT.)	QUANTITY	TOTAL AREA (SQ. FT.)				
OH-18	TYPE XI	14 X 7.5	105.00	1	105.00				
OH-19-51B-C-A	TYPE XI	59 X 20	1180.00	1	1180.00				
OH-20-54	TYPE XI	14.5 X 8	116.00	1	116.00				
OH-21-51B-C-A	TYPE XI	50.5 X 20	1010.00	1	1010.00				
OH-22-54	TYPE XI	15 X 6.5	97.50	1	97.50				
OH-23A	TYPE XI	24.5 X 10.5	257.25	1	257.25				
OH-23B-54	TYPE XI	16.5 X 6.5	107.25	1	107.25				
OH-24-51B-C-A	TYPE XI	23.5 X 13	305.50	1	305.50				
OH-25A-35 & 36A-B	TYPE XI	24 X 14	336.00	1	336.00				
OH-25B-34	TYPE XI	12 X 6	72.00	1	72.00				
OH-26A-33 EXISTING SIGN TO BE RETAINED									
OH-26B-34	TYPE XI	14.5 X 8.5	123.25	1	123.25				
OH-27-35 & 36A-B	TYPE XI	50.5 X 20	1010.00	1	1010.00				
OH-28-36A	TYPE XI	18 X 12.5	225.00	1	225.00				
OH-29 EXISTING SIGN TO BE RETAINED									
OH-30-35 & 36A-B	TYPE XI	59 X 17	1003.00	1	1003.00				
OH-31-34	TYPE XI	14.5 X 10.5	152.25	1	152.25				
OH-32	TYPE XI	14 X 7.5	105.00	1	105.00				
OH-33-35 & 36A-B	TYPE XI	39 X 18.5	721.50	1	721.50				
OH-34-35	TYPE XI	32 X 12.5	400.00	1	400.00				
OH-35A-36B	TYPE XI	14 X 10	140.00	1	140.00				
OH-35B-36A	TYPE XI	21.5 X 13	279.50	1	279.50				
OH-36A-36B	TYPE XI	17 X 8	136.00	1	136.00				
OH-36B-36A	TYPE XI	21.5 X 13.5	290.25	1	290.25				
					6520250	TOTAL	8067.25		

<b>EXIT PANELS FOR OVERHEAD SIGNS</b>								
SIGN NUMBER MOUNTED ON CORRESPONDING STRUCTURE NO.	SIGN SURFACE TYPE	SIGN SIZE WIDTH X HEIGHT (FEET)	AREA (SQ. FT.)	QUANTITY	TOTAL AREA (SQ. FT.)			
OH-19-51B-C-A	TYPE XI	14.5 X 2.5	36.25	1	36.25			
OH-20-54	TYPE XI	7.5 X 2.5	18.75	1	18.75			
OH-21-51B-C-A	TYPE XI	14.5 X 2.5	36.25	1	36.25			
OH-22-54	TYPE XI	7.5 X 2.5	18.75	1	18.75			
OH-23B-54	TYPE XI	7.5 X 2.5	18.75	1	18.75			
OH-24-51B-C-A	TYPE XI	14.5 X 2.5	36.25	1	36.25			
OH-25A-35 & 36A-B	TYPE XI	17.5 X 2.5	43.75	1	43.75			
OH-25B-34	TYPE XI	7.5 X 2.5	18.75	1	18.75			
OH-26B-34	TYPE XI	7.5 X 2.5	18.75	1	18.75			
OH-27-35 & 36A-B	TYPE XI	17.5 X 2.5	43.75	1	43.75			
OH-28-36A	TYPE XI	9.5 X 2.5	23.75	1	23.75			
OH-30-35 & 36A-B	TYPE XI	17.5 X 2.5	43.75	1	43.75			
OH-31-34	TYPE XI	7.5 X 2.5	18.75	1	18.75			
OH-33-35	TYPE XI	7.5 X 2.5	18.75	1	18.75			
OH-33-36A-B	TYPE XI	12.5 X 2.5	31.25	1	31.25			
OH-34-35	TYPE XI	7.5 X 2.5	18.75	1	18.75			
OH-35A-36B	TYPE XI	9.5 X 4.5	42.75	1	42.75			
OH-35B-36A	TYPE XI	9.5 X 2.5	23.75	1	23.75			
OH-36A-36B	TYPE XI	9.5 X 4.5	42.75	1	42.75			
OH-36B-36A	TYPE XI	9.5 X 2.5	23.75	1	23.75			
					6520250	TOTAL	590.50	

<b>OVERHEAD SPAN WIRE &amp; BRIDGE MOUNTED FLAT SHEET SIGNS</b>							
SIGN NUMBER MOUNTED ON CORRESPONDING STRUCTURE NO.	SIGN SURFACE TYPE	SIGN SIZE WIDTH X HEIGHT (FEET)	AREA (SQ. FT.)	QUANTITY	TOTAL AREA (SQ. FT.)		
6510108 TOTAL 0.00							

<b>SIGN LIGHTING SYSTEMS</b>				
BID ITEM NO.	SYSTEM NO.	SEE PLAN SHEET NO.	QUANTITY	
6573200	OH-18	SL12	1	
	OH-19	SL12	1	
	OH-20	SL13	1	
	OH-21	SL15	1	
	OH-22	SL15	1	
	OH-23	SL16	1	
	OH-24	SL17	1	
	OH-27	SL18	1	
	OH-28	SL19	1	
	OH-30	SL20	1	
	OH-31	SL20	1	
	OH-32	SL20	1	
	OH-33	SL21	1	
	OH-34	SL23	1	
	OH-35	SL23	1	
	OH-36	SL23	1	
			6573200 TOTAL 16	


  

<b>SIGN LIGHTING NOTES:</b>
1. SEE SPECIAL PROVISIONS FOR SUPPLEMENTAL SPECIFICATIONS FOR SIGN LIGHTING SYSTEMS AND WORK TO BE DONE 2. SEE SHEETS NUMBERED ADJACENT TO SYSTEM NUMBER FOR GENERAL DETAILS OF REQUIREMENTS FOR EACH SYSTEM 3. NUMBERING OF EACH SIGN LIGHTING SYSTEM CORRESPONDS TO THE NUMBER ON WHICH THE SYSTEM IS TO BE INSTALLED

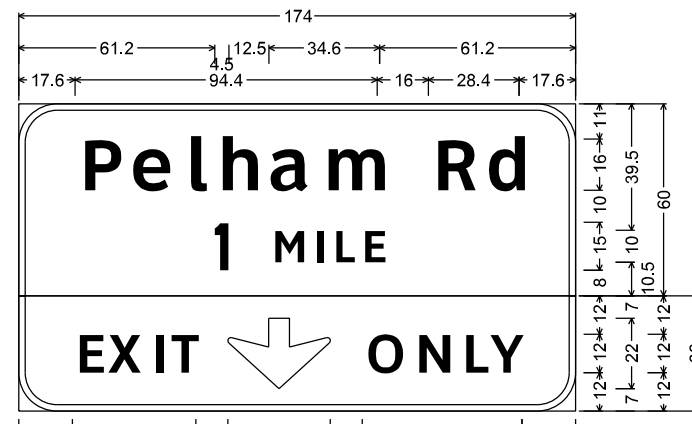
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05/16/16 REVISED OH-22 RELOCATED OH-22 AND OH-23 R.L.D. B.G.N.

12/11/15



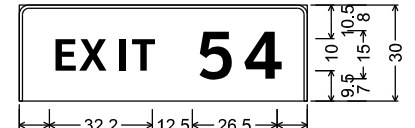
Project ID No.: 0038III-R02 County: GREENVILLE



**Pelham Rd**  
1 MILE  
EXIT ONLY

12.0" Radius, 2.0" Border, White on Green.  
[Pelham] ClearviewHwy-S-W; [Rd] ClearviewHwy-S-W; [1] E; [MILE] ClearviewHwy-S-W;  
12.0" Radius, 2.0" Border, Black on Yellow.  
[EXIT] ClearviewHwy-S-W; Down Arrow 22.0" 270";  
[ONLY] ClearviewHwy-S-W;  
Table of distances between letter and object lefts.

P	e	l	h	a	m	R	d								
17.6	15.9	17.2	9.3	16.2	16.9	34.3	16.7	11.7	17.6						
								1	M	I	L	E			
61.2	17.0	13.1	6.0	9.0	6.5	61.2									
								E	X	I	T	O	N	L	Y
16.7	10.3	13.7	5.9	18.8	42.0	15.4	14.7	9.3	10.5	16.7					




**EXIT 54**

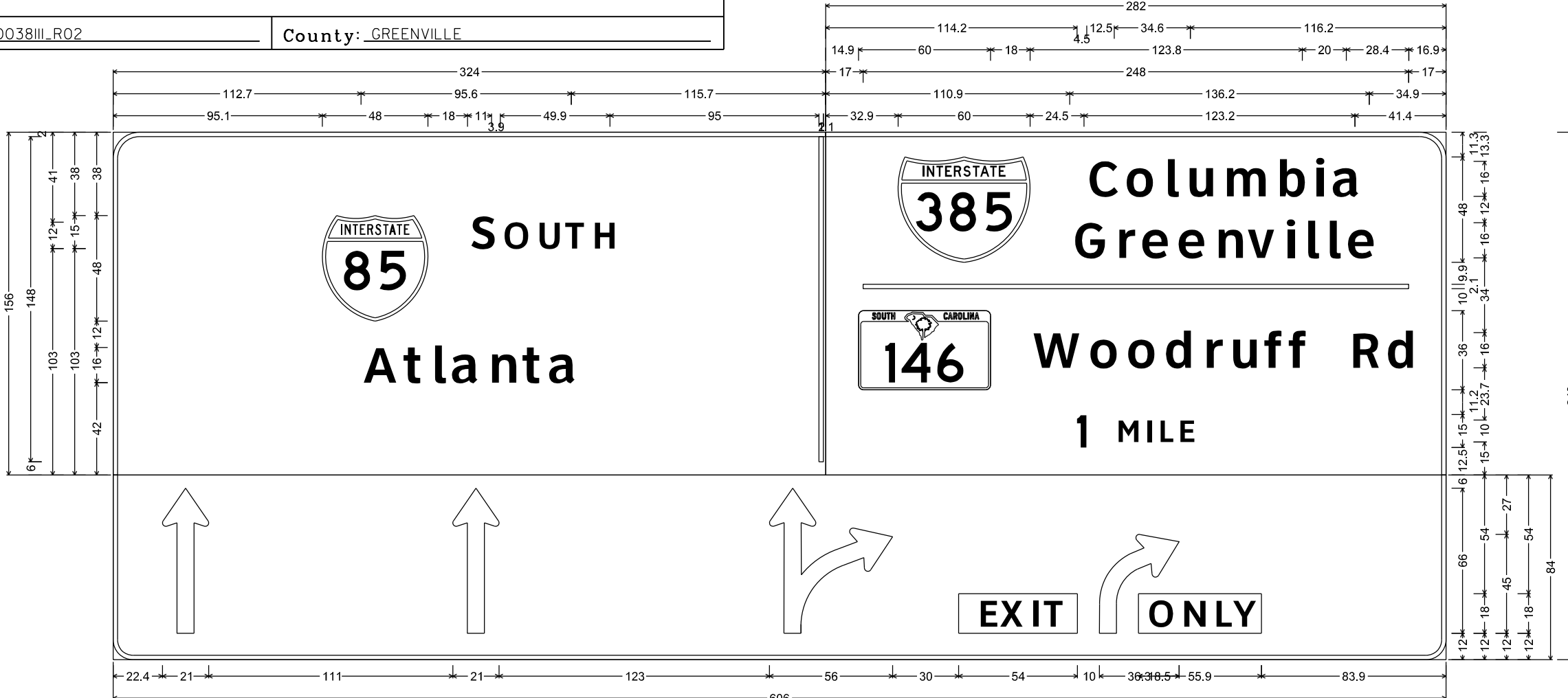
3.0" Radius, 1.0" Border, White on Green.  
[EXIT] ClearviewHwy-S-W;  
[54] ClearviewHwy-S-W;  
Table of distances between letter and object lefts.

E	X	I	T	5	4		
9.4	8.6	11.4	4.9	19.8	14.6	11.9	9.4

Sign No.: OH-20-54  
Number of Signs: 1  
Reflec. Type: TYPE XI  
Refers to sheet(s): SN80  
Panel Size: 14.5' X 8.0' Exit Panel Size: 7.5' X 2.5'



Project ID No.: 0038III-R02 County: GREENVILLE




**INTERSTATE SOUTH 85**  
**Atlanta**

**INTERSTATE 385**  
**Columbia Greenville**

**146** Woodruff Rd  
1 MILE

12.0" Radius, 2.0" Border, White on Green.  
[SOUTH] ClearviewHwy-S-W; [Atlanta] ClearviewHwy-S-W;  
[Columbia] ClearviewHwy-S-W; [Greenville] ClearviewHwy-S-W; [Woodruff] ClearviewHwy-S-W; [Rd] ClearviewHwy-S-W; [1] E; [MILE] ClearviewHwy-S-W;  
9.0" Radius, 2.0" Border, White on Green.  
Standard Arrow Custom 66.0" X 21.0" 90"; Standard Arrow Custom 66.0" X 21.0" 90"; thru-light arrow; Rectangle Yellow;  
right arrow; Rectangle Yellow;  
Table of distances between letter and object lefts.




**EXITS 51 B-C-A**


3.0" Radius, 1.0" Border, White on Green.  
[EXITS] ClearviewHwy-S-W; [51] ClearviewHwy-S-W; [B-C-A] ClearviewHwy-S-W;  
Table of distances between letter and object lefts.

E	X	I	T	S	1	B	-	C	-	A			
9.8	8.6	11.3	5.0	9.5	10.7	14.3	16.8	16.7	11.2	16.9	10.2	14.2	9.8

Sign No.: OH-21-51B-C-A  
Number of Signs: 1  
Reflec. Type: TYPE XI  
Refers to sheet(s): SN82  
Panel Size: 50.5' X 20.0' Exit Panel Size: 14.5' X 2.5'



Project ID No.: 0038III-R02 County: GREENVILLE

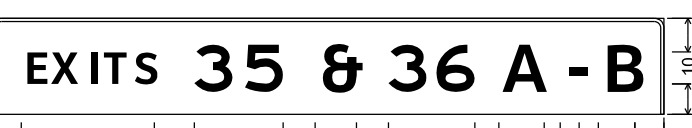


**INTERSTATE 85**  
**Spartanburg Atlanta**

**146** Woodruff Rd  
1 MILE

12.0" Radius, 2.0" Border, White on Green.  
[Spartanburg] ClearviewHwy-S-W; [Atlanta] ClearviewHwy-S-W; [Woodruff] ClearviewHwy-S-W;  
[Rd] ClearviewHwy-S-W; [1] E; [MILE] ClearviewHwy-S-W;  
Table of distances between letter and object lefts.

S	p	a	r	t	a	n	b	u	r	g									
29.5	66.0	16.6	16.1	16.9	10.4	11.8	17.0	17.1	17.0	11.3	11.8	29.5							
											1	M	I	L	E				
129.2	17.8	12.7	8.9	17.0	15.5	11.7	12.0	63.2											
											W	o	d	r	u	f	f	r	d
18.9	78.0	25.3	17.1	17.2	17.6	12.1	15.7	11.0	27.8	16.7	11.7	18.9							
											1	M	I	L	E				
118.2	17.0	13.1	6.0	9.0	6.5	118.2													




**EXITS 35 & 36 A-B**

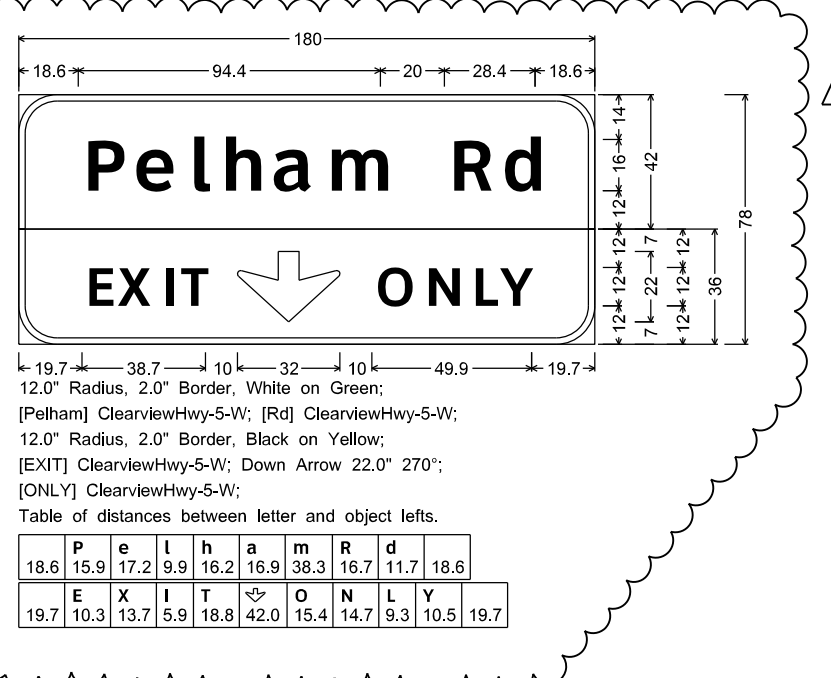
3.0" Radius, 1.0" Border, White on Green.  
[EXITS] ClearviewHwy-S-W; [35] E; [36] ClearviewHwy-S-W; [36] E; [A] ClearviewHwy-S-W; [B] ClearviewHwy-S-W; [B] ClearviewHwy-S-W;  
Table of distances between letter and object lefts.

E	X	I	T	S	3	5	&	3	6	A	-	B	
9.1	8.6	11.3	5.0	9.4	19.8	15.9	21.9	22.9	15.0	19.5	19.1	11.4	9.1

Sign No.: OH-25A-35 & 36A-B  
Number of Signs: 1  
Reflec. Type: TYPE XI  
Refers to sheet(s): SN85  
Panel Size: 24.0' X 14.0' Exit Panel Size: 17.5' X 2.5'




Project ID No.: 0038III-R02 County: GREENVILLE



**Pelham Rd**  
EXIT ONLY

12.0" Radius, 2.0" Border, White on Green.  
[Pelham] ClearviewHwy-S-W; [Rd] ClearviewHwy-S-W;  
12.0" Radius, 2.0" Border, Black on Yellow.  
[EXIT] ClearviewHwy-S-W; Down Arrow 22.0" 270";  
[ONLY] ClearviewHwy-S-W;  
Table of distances between letter and object lefts.

P	e	l	h	a	m	R	d								
18.6	15.9	17.2	9.3	16.2	16.9	34.3	16.7	11.7	18.6						
								E	X	I	T	O	N	L	Y
19.7	10.3	13.7	5.9	18.8	42.0	15.4	14.7	9.3	10.5	19.7					




**EXIT 54**

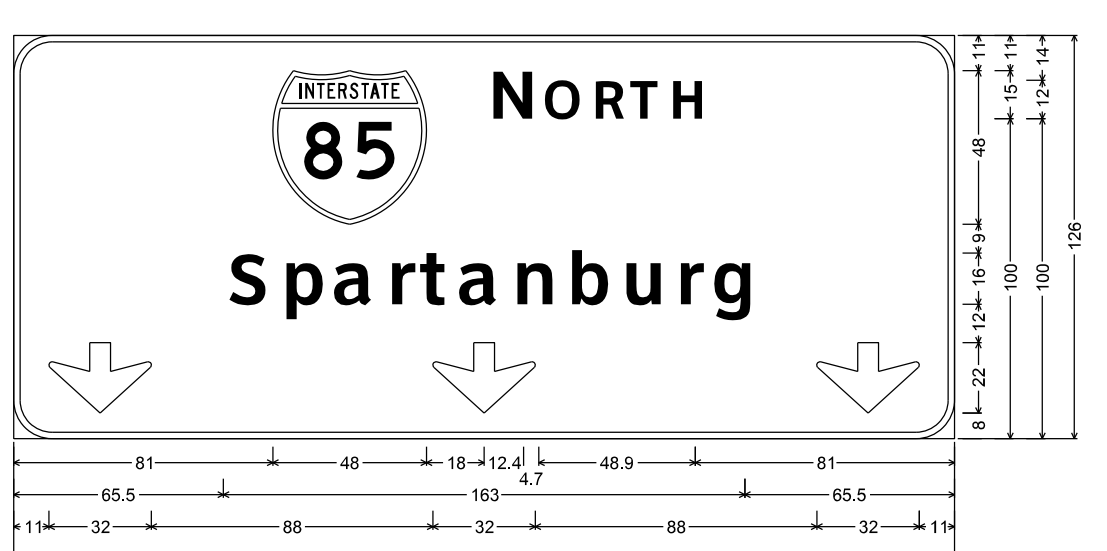
3.0" Radius, 1.0" Border, White on Green.  
[EXIT] ClearviewHwy-S-W;  
[54] ClearviewHwy-S-W;  
Table of distances between letter and object lefts.

E	X	I	T	5	4		
9.4	8.6	11.4	4.9	19.8	14.6	11.9	9.4

Sign No.: OH-22-54  
Number of Signs: 1  
Reflec. Type: TYPE XI  
Refers to sheet(s): SN82  
Panel Size: 15.0' X 6.5' Exit Panel Size: 7.5' X 2.5'



Project ID No.: 0038III-R02 County: GREENVILLE




**INTERSTATE NORTH 85**  
**Spartanburg**

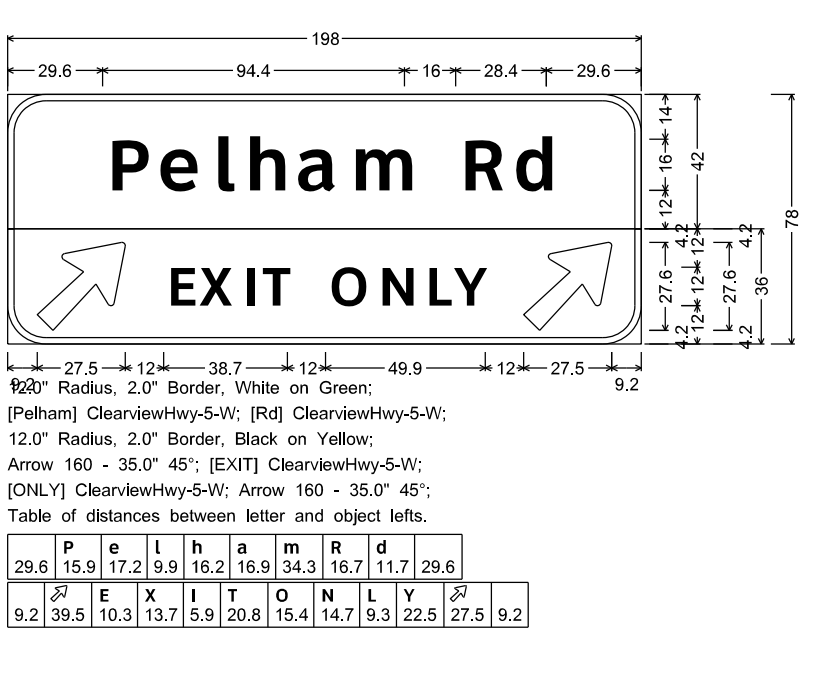
12.0" Radius, 2.0" Border, White on Green.  
[NORTH] ClearviewHwy-S-W; [Spartanburg] ClearviewHwy-S-W; Down Arrow 22.0" 270";  
Down Arrow 22.0" 270"; Down Arrow 22.0" 270";  
Table of distances between letter and object lefts.

S	p	a	r	t	a	n	b	u	r	g						
65.5	16.6	16.1	16.9	10.4	11.8	17.0	17.1	17.0	11.3	11.8	65.5					
											E	X	I	T	5	4
11.0	130.0	120.0	32.0	11.0												

Sign No.: OH-23A  
Number of Signs: 1  
Reflec. Type: TYPE XI  
Refers to sheet(s): SN83  
Panel Size: 24.5' X 10.5'



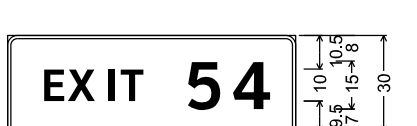
Project ID No.: 0038III-R02 County: GREENVILLE



**Pelham Rd**  
EXIT ONLY

12.0" Radius, 2.0" Border, White on Green.  
[Pelham] ClearviewHwy-S-W; [Rd] ClearviewHwy-S-W;  
12.0" Radius, 2.0" Border, Black on Yellow;  
Arrow 160" X 35.0" 45"; [EXIT] ClearviewHwy-S-W;  
[ONLY] ClearviewHwy-S-W; Arrow 160" X 35.0" 45";  
Table of distances between letter and object lefts.

P	e	l	h	a	m	R	d								
29.6	15.9	17.2	9.3	16.2	16.9	34.3	16.7	11.7	29.6						
								E	X	I	T	O	N	L	Y
9.2	39.5	10.3	13.7	5.9	20.8	15.4	14.7	9.3	22.5	27.5	9.2				




**EXIT 54**

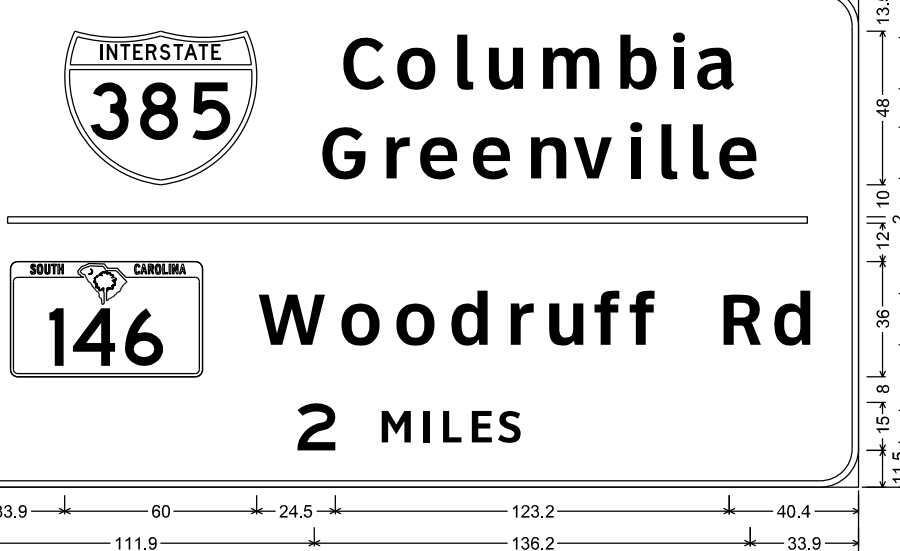
3.0" Radius, 1.0" Border, White on Green.  
[EXIT] ClearviewHwy-S-W;  
[54] ClearviewHwy-S-W;  
Table of distances between letter and object lefts.

E	X	I	T	5	4		
9.4	8.6	11.4	4.9	19.8	14.6	11.9	9.4

Sign No.: OH-23B-54  
Number of Signs: 1  
Reflec. Type: TYPE XI  
Refers to sheet(s): SN83  
Panel Size: 16.5' X 6.5' Exit Panel Size: 7.5' X 2.5'



Project ID No.: 0038III-R02 County: GREENVILLE




**INTERSTATE 385**  
**Columbia Greenville**

**146** Woodruff Rd  
2 MILES

12.0" Radius, 2.0" Border, White on Green.  
[Columbia] ClearviewHwy-S-W; [Greenville] ClearviewHwy-S-W; [Woodruff] ClearviewHwy-S-W;  
[Rd] ClearviewHwy-S-W; [2] E; [MILES] ClearviewHwy-S-W;  
Table of distances between letter and object lefts.

C	o	l	u	m	b	i	a												
33.9	84.5	17.2	17.8	9.9	17.0	24.1	16.7	8.5	12.0	40.4									
								G	r	e	e	n	v	i	l	e			
111.9	15.4	11.4	16.6	17.2	15.2	16.3	9.4	9.9	11.8	33.9									
											W	o	d	r	u	f	f	r	d
16.0	250.0	18.0																	
16.9	76.0	25.3	17.1	17.2	17.6	12.1	15.7	11.0	27.8	16.7	11.7	16.9							
											2	M	I	L	E	S			
106.6	24.4	13.1	6.0	9.1	6.9	7.3	106.6												



**EXITS 51 B-C-A**

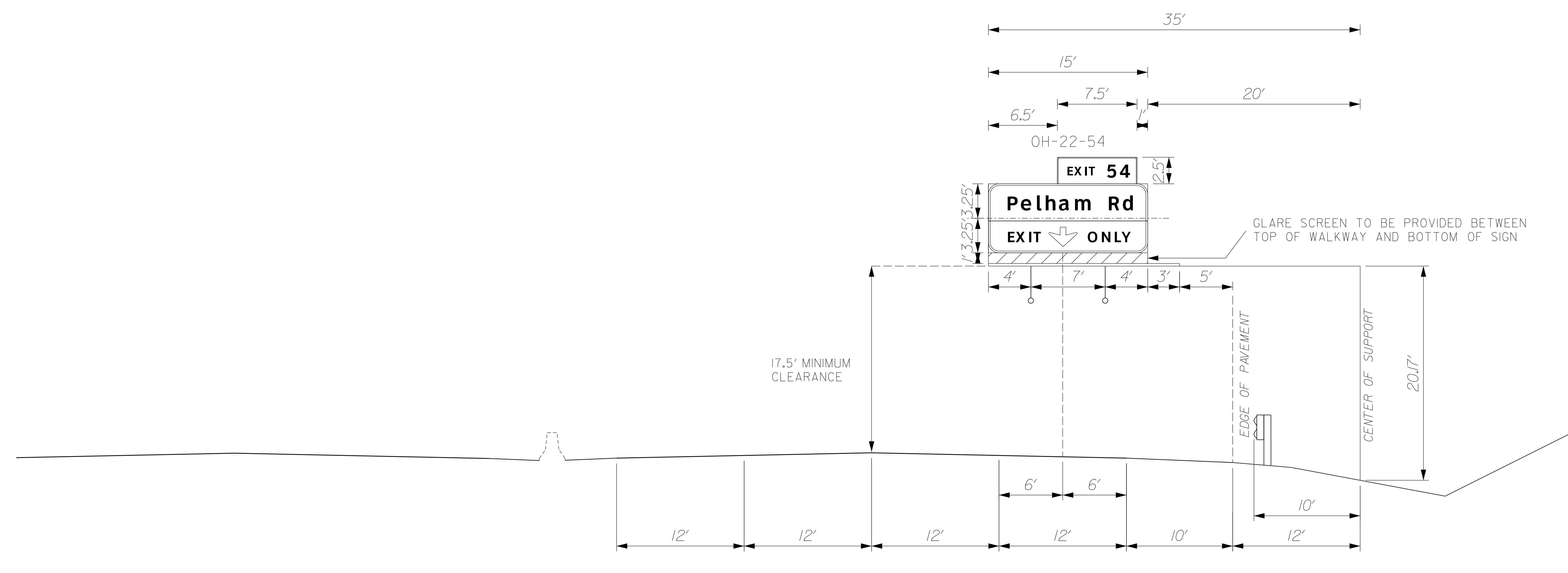
3.0" Radius, 1.0" Border, White on Green.  
[EXITS] ClearviewHwy-S-W; [51] ClearviewHwy-S-W; [B-C-A] ClearviewHwy-S-W;  
Table of distances between letter and object lefts.

E	X	I	T	S	1	B	-	C	-	A			
9.8	8.6	11.3	5.0	9.5	10.7	14.3	16.8	16.7	11.2	16.9	10.2	14.2	9.8

Sign No.: OH-24-51B-C-A  
Number of Signs: 1  
Reflec. Type: TYPE XI  
Refers to sheet(s): SN84  
Panel Size: 23.5' X 13.0' Exit Panel Size: 14.5' X 2.5'

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	GREENVILLE	0038H - R02	I-85 / I-385	SN42

ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN OH-22-54



△ ADJUSTED LOCATION AND SIZE OF OVERHEAD SIGN #22

\*BASED ON 17.5' ROADWAY CLEARANCE  
 NOTE: DESIGN WIND SPEED = 90 MPH  
 \*FOR DESIGN OF FOOTING USE  
 2,000 PSIMAX TOE PRESSURE

OVERHEAD STRUCTURE NO. 22  
 INTERSTATE 85 NORTHBOUND  
 STA. 408+00.00  
 SHEET SN82

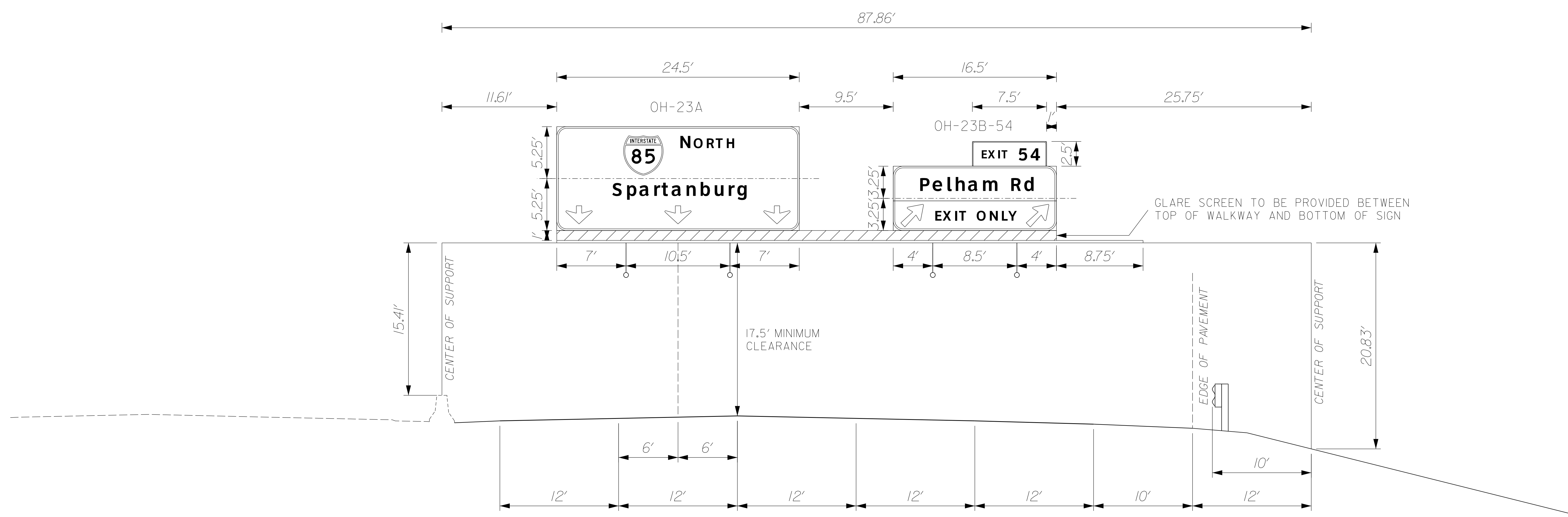
S:\Projects\2016\7/26/2016\Design\Project\Number\Tr-off\Signing\INTERCHANGE\SIGN SHEETS\SN042.XS\_OH-22.dgn

REVISIONS		DESCRIPTION	BY	CHECKED	REVISIONS		DESCRIPTION	BY	CHECKED	DRAWN BY : DATE :	REVIEWED BY : DATE :	APPROVED BY : DATE :	  CIVIL ENGINEERING CONSULTING SERVICES, INC.	SCALE = NTS	 SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION	 SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
NO.	DATE				NO.	DATE										
△	05/16/16	REVISED OH-22 AND RELOCATED OH-22	R.L.D.	B.G.N.						A.W.F. 9/4/15	D.R.R. 9/4/15	B.G.N. 9/4/15				

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 I-85 / I-385 INTERCHANGE  
 SIGNING PLANS

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	GREENVILLE	0038H - R02	I-85 / I-385	SN43

ERECT NEW OVERHEAD STRUCTURE AND NEW SIGNS OH-23A AND OH-23B-54



\*BASED ON 17.5' ROADWAY CLEARANCE  
 NOTE: DESIGN WIND SPEED = 90 MPH  
 \*FOR DESIGN OF FOOTING USE  
 2,000 PSIMAX TOE PRESSURE

OVERHEAD STRUCTURE NO. 23  
 INTERSTATE 85 NORTHBOUND  
 STA. 427+35.00  
 SHEET SN83

S:\Projects\2016\7/26/2016\Design\Project\Pin Number\Tr of file\Signing\INTERCHANGE\SIGN SHEETS\SN043.XS\_OH-23.dgn

REVISIONS		DESCRIPTION	BY	CHECKED	REVISIONS		DESCRIPTION	BY	CHECKED
NO.	DATE				NO.	DATE			
1	05/16/16	MOVED OH-23 FROM STA. 428+00 TO STA. 427+35	R.L.D.	B.G.N.					

DRAWN BY : A.W.F.  
 DATE : 9/4/15  
 REVIEWED BY : D.R.R.  
 DATE : 9/4/15  
 APPROVED BY : B.G.N.  
 DATE : 9/4/15

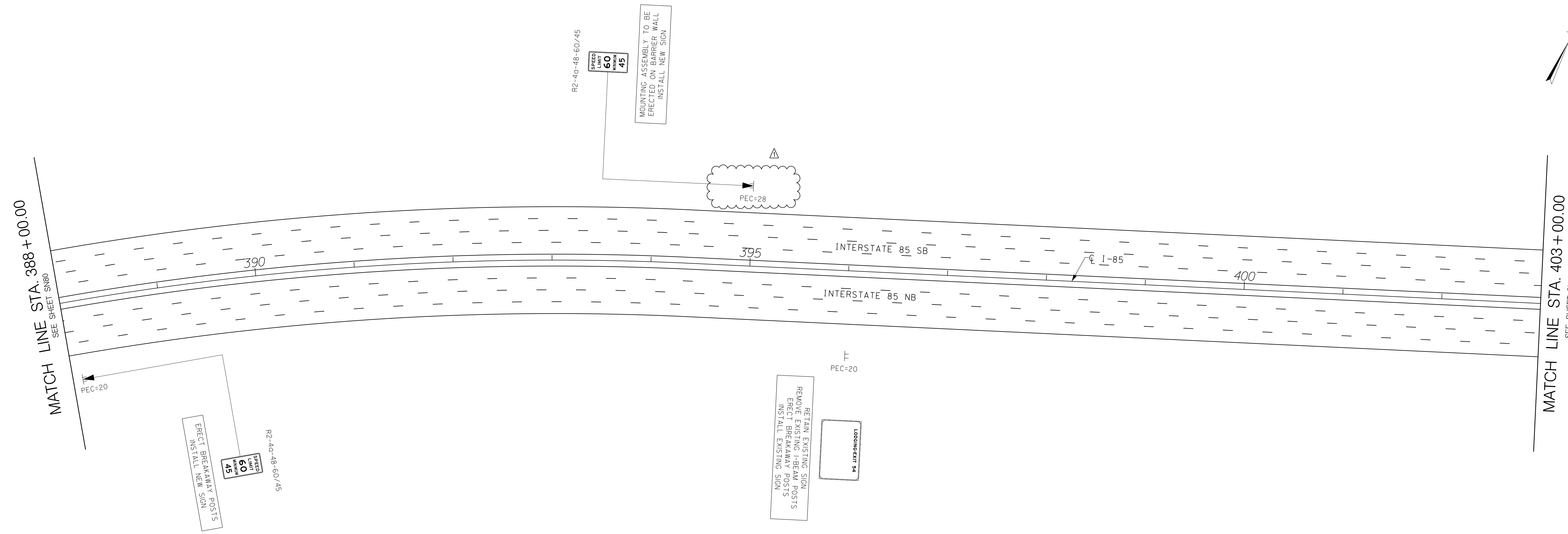
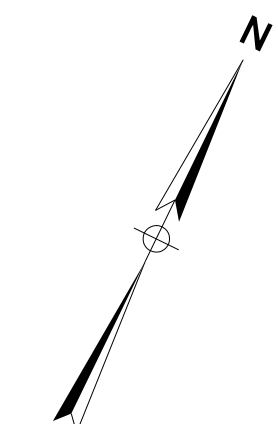
SCALE = NTS

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION **SCDOT**

I-85 / I-385 INTERCHANGE

SIGNING PLANS

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	GREENVILLE	0038H - R02	I-85 / I-385	SNBI

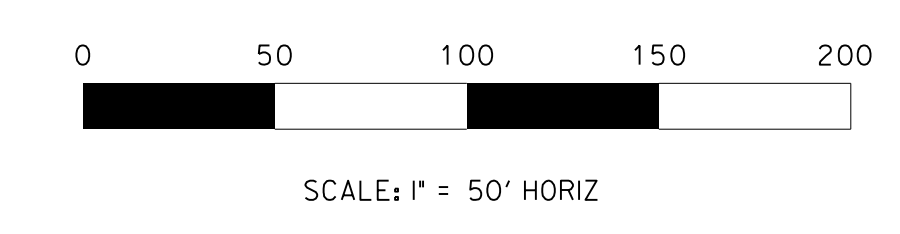


S:\Projects\2016\7/26/2016\Design\Project - PIN Number\Tr-off\Signing\INTERCHANGE\SIGN SHEETS\SN081.dgn

REVISIONS		DESCRIPTION	BY	CHECKED	REVISIONS		DESCRIPTION	BY	CHECKED
NO.	DATE				NO.	DATE			
1	05/16/16	CHANGED PEC AT STA. 395+00L	R.L.D.	B.G.N.					

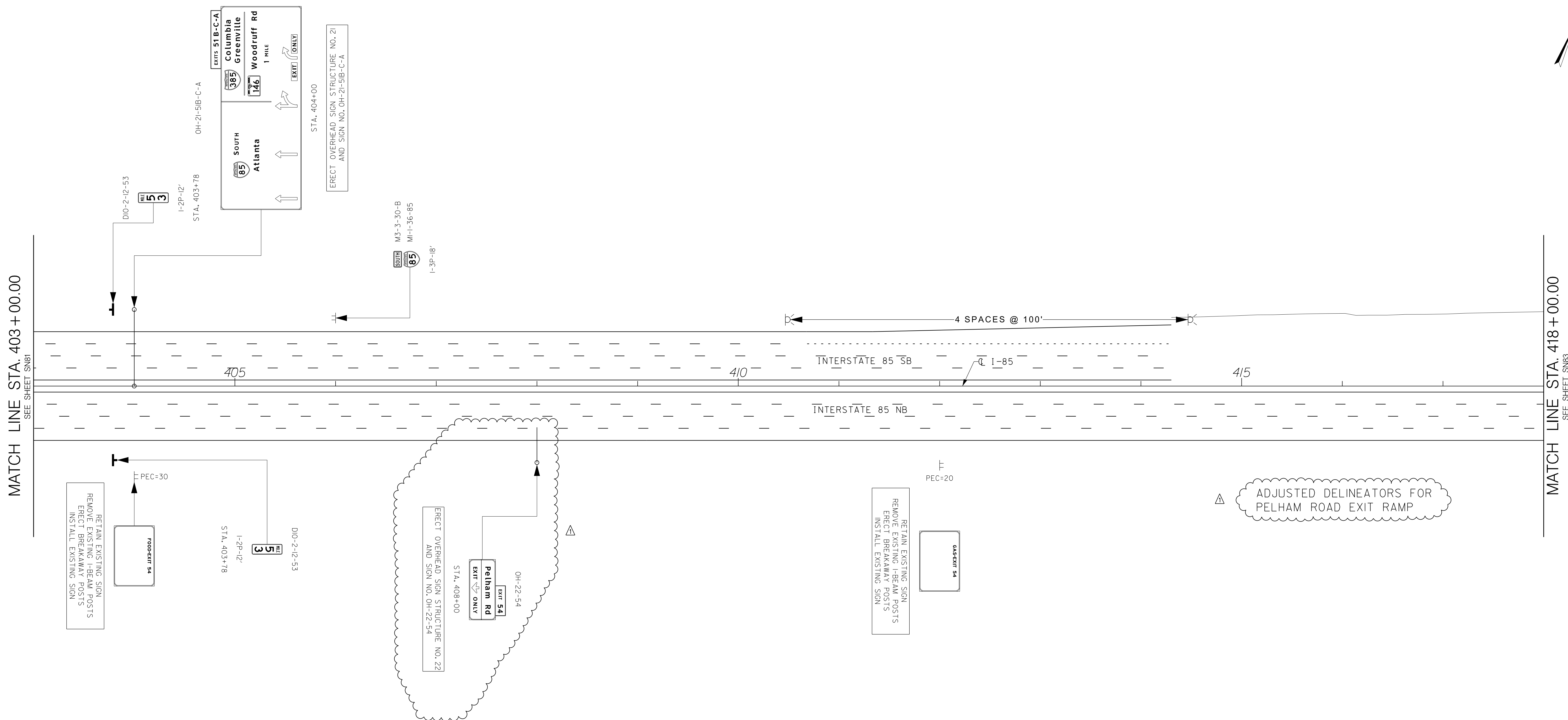
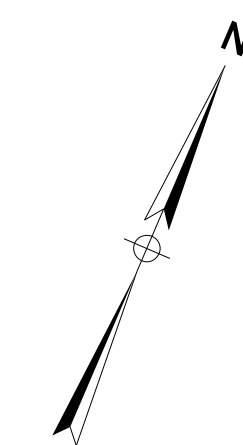
DRAWN BY : A.W.F.  
 DATE : 9/4/15  
 REVIEWED BY : D.R.R.  
 DATE : 9/4/15  
 APPROVED BY : B.G.N.  
 DATE : 9/4/15

**CIVIL ENGINEERING CONSULTING SERVICES, INC.**  
 C E C S



SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION **SCDOT**  
 I-85 / I-385 INTERCHANGE  
 SIGNING PLAN SHEET  
 STA. 388+00.00 TO STA. 403+00.00

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	GREENVILLE	0038H - R02	I-85 / I-385	SN82



MATCH LINE STA. 403 + 00.00  
SEE SHEET SN81

MATCH LINE STA. 418 + 00.00  
SEE SHEET SN83

RETAIN EXISTING SIGN  
REMOVE EXISTING I-BEAM POSTS  
ERECT BREAKAWAY POSTS  
INSTALL EXISTING SIGN

FOOREXIT 54

PEC=30

1-2P-12'  
STA. 403+78

DIO-2-12-53

ERECT OVERHEAD SIGN STRUCTURE NO. 22  
AND SIGN NO. OH-22-54

STA. 408+00

Pelham Rd  
EXIT ONLY  
EXIT 54

OH-22-54

RETAIN EXISTING SIGN  
REMOVE EXISTING I-BEAM POSTS  
ERECT BREAKAWAY POSTS  
INSTALL EXISTING SIGN

CASEEXIT 54

PEC=20

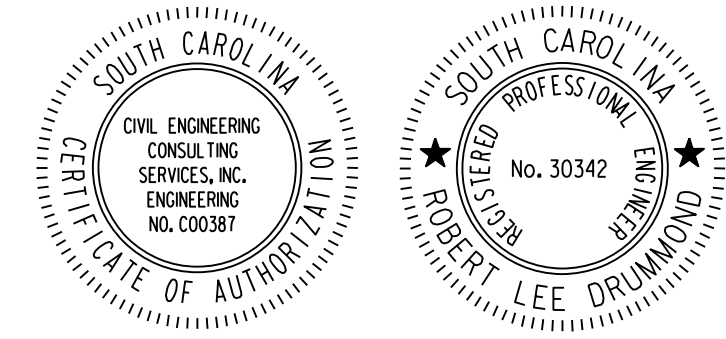
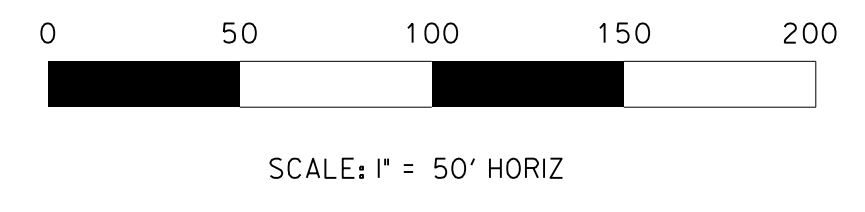
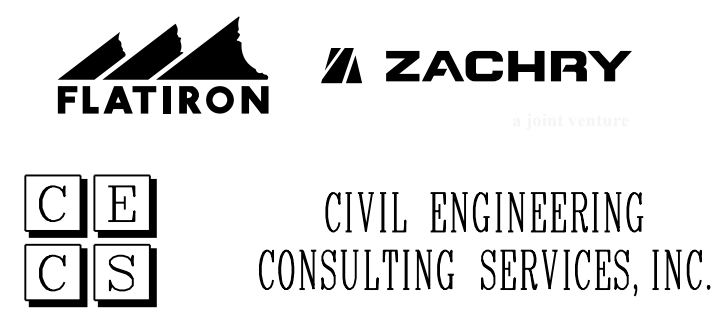
ADJUSTED DELINEATORS FOR  
PELHAM ROAD EXIT RAMP

REVISIONS		DESCRIPTION	BY	CHECKED	REVISIONS		DESCRIPTION	BY	CHECKED
NO.	DATE				NO.	DATE			
1	05/16/16	RELOCATED OH-22 REMOVED DELINEATORS	R.L.D.	B.G.N.					

DRAWN BY : A.W.F.  
DATE : 9/4/15

REVIEWED BY : D.R.R.  
DATE : 9/4/15

APPROVED BY : B.G.N.  
DATE : 9/4/15

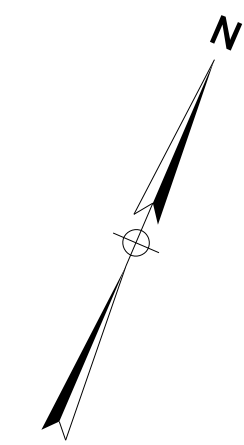


SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION **SCDOT**

I-85 / I-385 INTERCHANGE

SIGNING PLAN SHEET  
STA. 403+00.00 TO STA. 418+00.00

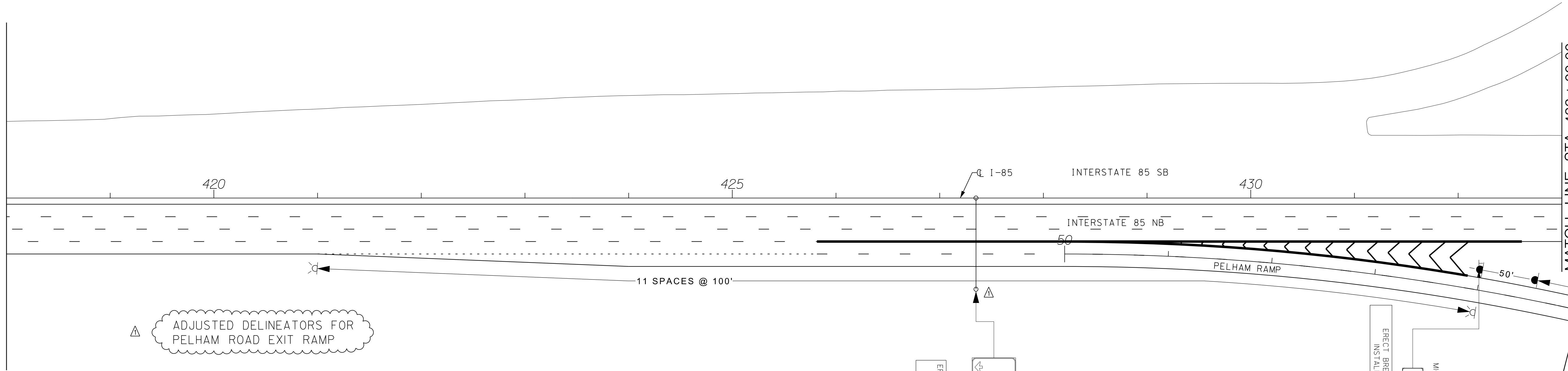
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	GREENVILLE	0038H - R02	I-85 / I-385	SN83



MATCH LINE STA. 418+00.00  
SEE SHEET SN82

MATCH LINE STA. 433+00.00  
SEE SHEET SN84

MATCH LINE STA. 55+00.00  
SEE SHEET SN84



S:\Projects\2014\711A\Design\Project - Pin Number\Tr-off\Signing\INTERCHANGE\SIGN SHEETS\SN083.dgn 7/26/2016

REVISIONS		DESCRIPTION	BY	CHECKED	REVISIONS		DESCRIPTION	BY	CHECKED
NO.	DATE				NO.	DATE			
1	05/16/16	ADJUSTED DELINEATORS RELOCATED OH-23 TO STA. 427+35	R.L.D.	B.G.N.					

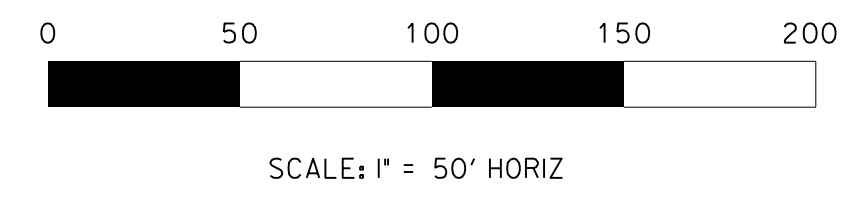
DRAWN BY : A.W.F.  
DATE : 9/4/15

REVIEWED BY : D.R.R.  
DATE : 9/4/15

APPROVED BY : B.G.N.  
DATE : 9/4/15

**FLATIRON** **ZACHRY**

**C E** **C S** **CIVIL ENGINEERING CONSULTING SERVICES, INC.**



**SOUTH CAROLINA**  
REGISTERED PROFESSIONAL ENGINEER  
No. 30342  
ROBERT LEE DRUMMOND

**SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION** **SCDOT**

I-85 / I-385 INTERCHANGE

SIGNING PLAN SHEET  
STA. 418+00.00 TO STA. 433+00.00