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SHEET NO.	TOTAL SHEETS
SNI	159

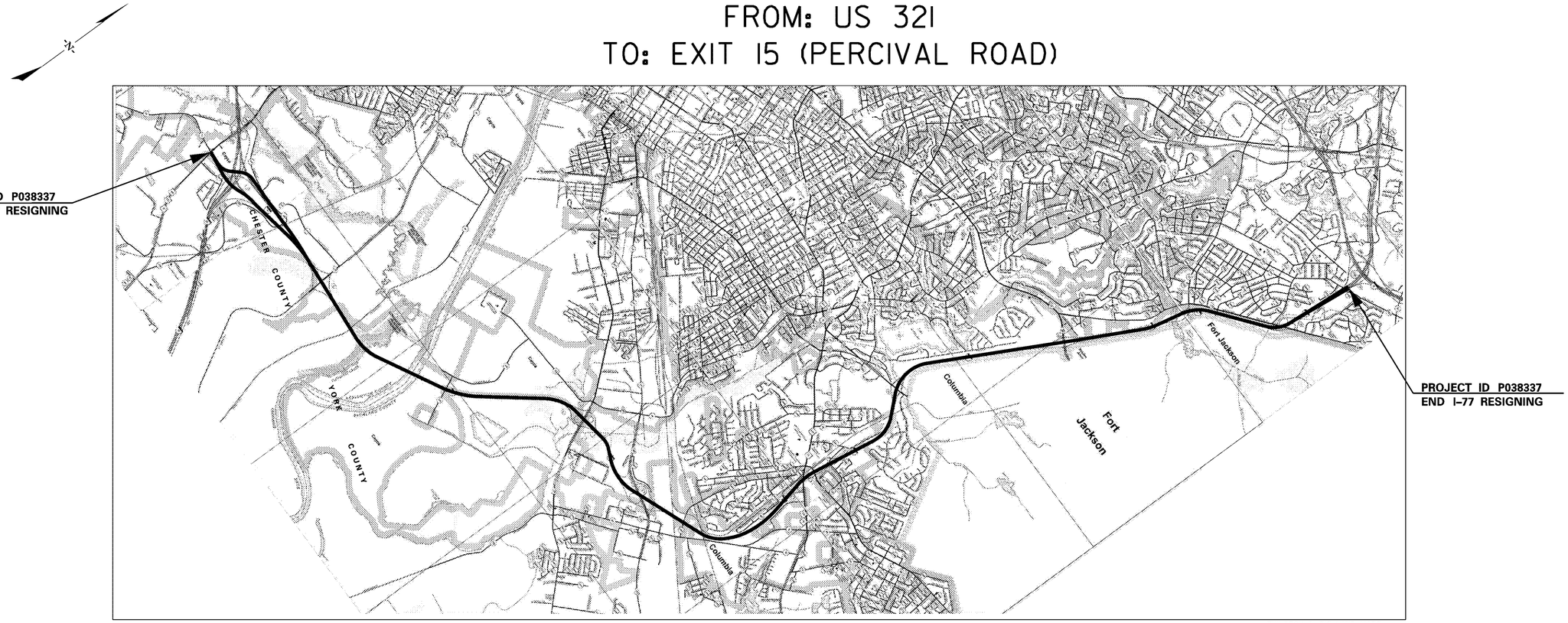
Proposal ID
5155370

INDEX OF SHEETS

SHEET NO.	DESCRIPTION	SHEET SUBTOTALS
SNI	TITLE SHEET	1
SNIL 1-1A	INDEX LAYOUT SHEET	2
SN2-SN2K	SUMMARY OF ESTIMATED QUANTITIES	11
SN3	OMITTED	0
SN4-SN4I	D SIGN DESIGN	10
SN5-SN5G	GROUND MOUNT SIGNS DESIGN	8
SN6-SN6N	OVERHEAD SIGN DESIGN	15
SN7-SN7AR	OVERHEAD CROSS- SECTIONS	69
SN8-SN50	PLAN SHEETS	43
	TOTAL SHEETS	159

South Carolina Department of Transportation

PROPOSED PLANS
FOR I-77 RESIGNING AND CROSSING ROUTES
LEXINGTON & RICHLAND COUNTIES
PROJECT ID P038337
FROM: US 321
TO: EXIT 15 (PERCIVAL ROAD)



LEXINGTON & RICHLAND MAPS

LAYOUT
(NOT TO SCALE)

I-77

NET LENGTH OF PROJECT	14.47 MILES

NOTE: EXCEPT AS MAY OTHERWISE BE SPECIFIED ON THE PLANS OR IN THE SPECIAL PROVISIONS, ALL MATERIALS AND WORKMANSHIP ON THIS PROJECT SHALL CONFORM TO THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (2007 EDITION) AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN EFFECT AT THE TIME OF LETTING.

3 DAYS BEFORE DIGGING IN
SOUTH CAROLINA

CALL 811

SOUTH CAROLINA 811 (SC811)
WWW.SC811.COM
ALL UTILITIES MAY NOT BE A MEMBER OF SC811

GENERAL CONSULTANTS:
HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC 29201
803-254-5800

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION — HDR ENGINEERING INC. OF THE CAROLINAS No. C038

SOUTH CAROLINA PROFESSIONAL ENGINEER — No. 24492 — DAVID H. KEENE — 1/13/2020

1/10/2020
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SHEET NO.	TOTAL SHEETS
SNI	159

INDEX OF SHEETS

SHEET NO.	DESCRIPTION	SHEET SUBTOTALS
SNI	TITLE SHEET	I
SNIL I-I-	INDEX L-YOUT SHEET	2
SN2-SN2K	SUMM-RY OF ESTIM-TED QU-NTITIES	II
SN3	OMITTED	0
SN4-SN4i	D SIGN DESIGN	I0
SN5-SN5G	GROUND MOUNT SIGNS DESIGN	8
SN6-SN6N	OVERHE-D SIGN DESIGN	I5
SN7-SN7-R	OVERHE-D CROSS- SECTIONS	69
SN8-SN50	PL-N SHEETS	43
	TOT-L SHEETS	I59

South Carolina Department of Transportation

PROPOSED PLANS
FOR I-77 RESIGNING AND CROSSING ROUTES
LEXINGTON & RICHLAND COUNTIES
PROJECT ID P038337
FROM: US 321
TO: EXIT I5 (PERCIVAL ROAD)



LEXINGTON & RICHL-ND M-PS

LAYOUT
(NOT TO SCALE)

I-77

NET LENGTH OF PROJECT	14.47 MILES

NOTE: EXCEPT -S M-Y OTHERWISE BE SPECIFIED ON THE PL-NS OR IN THE SPECI-L PROVISIONS, -LL M-TERI-LS -ND WORKM-NSHIP ON THIS PROJECT SH-LL CONFORM TO THE SOUTH C-ROLIN- DEP-RTMENT OF TR-NSPORT-TION ST-ND-RD SPECIFIC-TIONS FOR HIGHW-Y CONSTRUCTION (2007 EDITION) -ND THE ST-ND-RD DR-WINGS FOR RO-D CONSTRUCTION IN EFFECT -T THE TIME OF LETTING.

3 DAYS BEFORE DIGGING IN
SOUTH CAROLINA

CALL 811

SOUTH CAROLINA 811 (SC811)
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GENERAL CONSULTANTS:

HDR ENGINEERING INC.
OF THE CAROLINAS

1122 LADY STREET
SUITE 1100
COLUMBIA, SC 29201
803-254-5800

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
HDR ENGINEERING INC. OF THE C-ROLIN-S
No. C038

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 24492
SIGNED
DAVID H. KING

1/13/2020

1/10/2020
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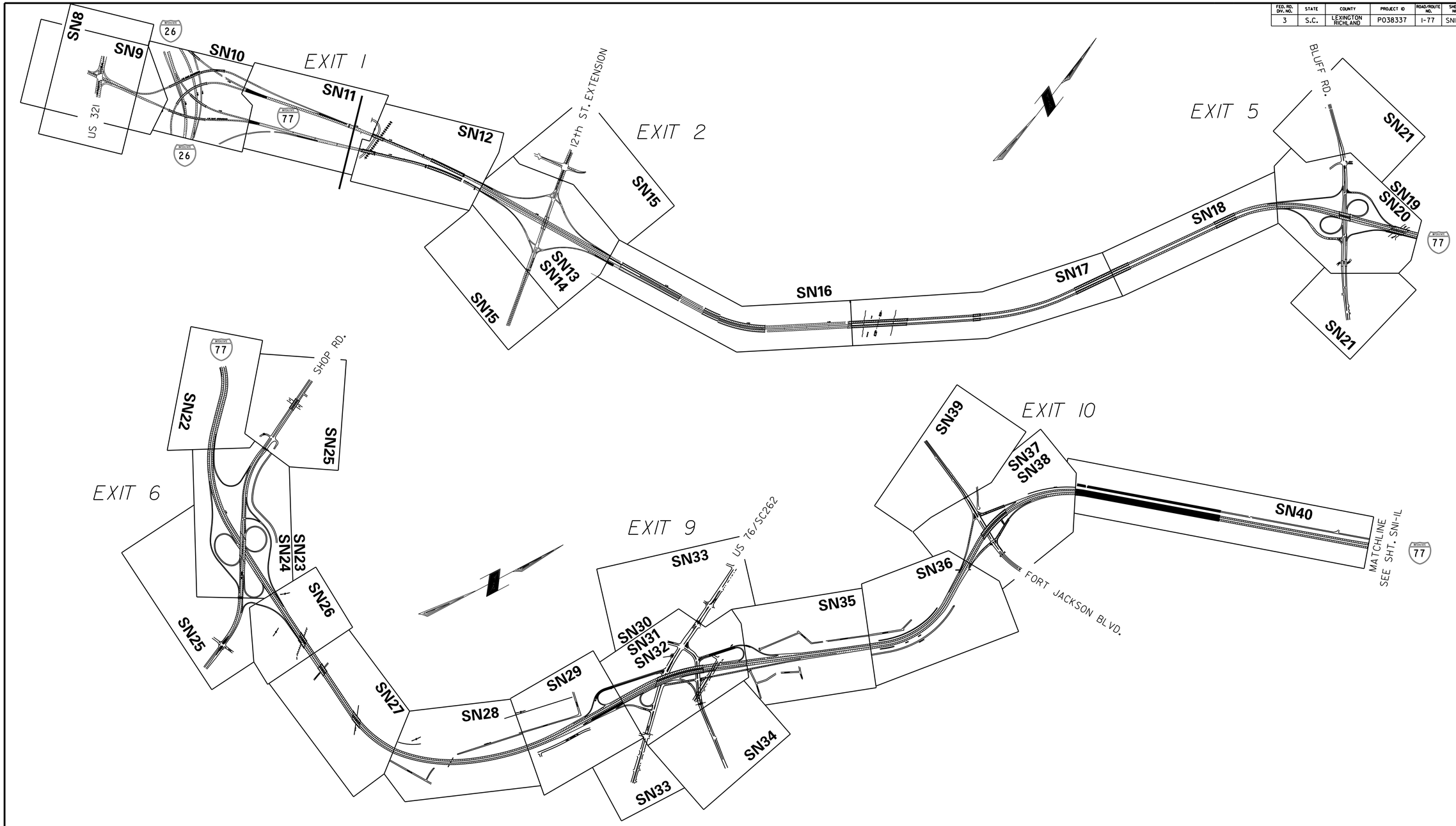
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SNIL 1



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HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE CAROLINAS No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — DAVID H. KEENE — 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE 1" = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

INDEX LAYOUT SHEET

I-77 — DWG. NO. SNIL 1

1/10/2020
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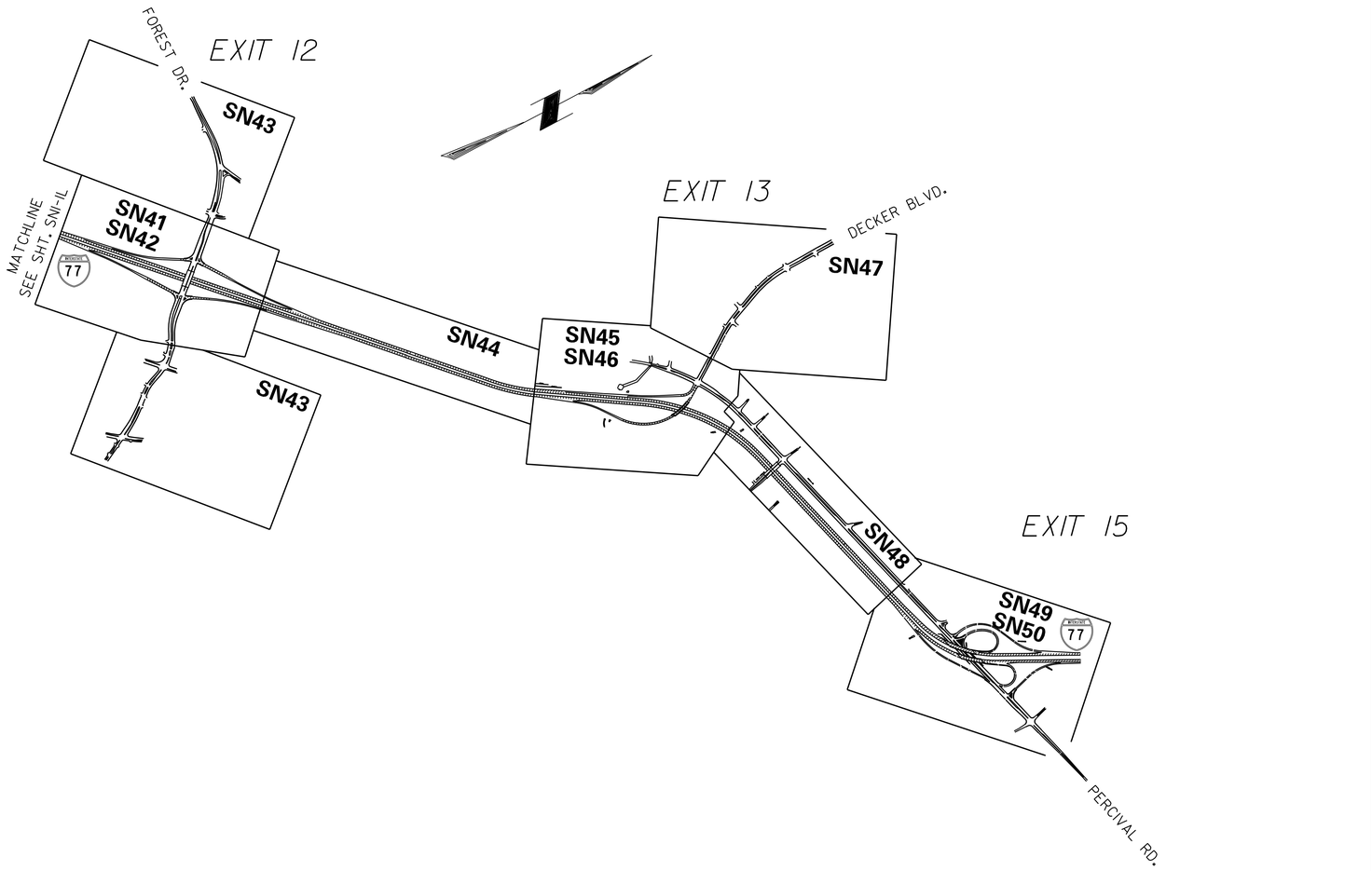
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SNIL 1A



0 50 100 200

HDR ENGINEERING INC.
OF THE CAROLINAS

1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE CAROLINAS No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — DAVID H. TERRELL — REGISTERED

1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE 1" = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

INDEX LAYOUT SHEET

I-77 DWG. NO. SNIL 1A

1/10/2020
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SCDOT
South Carolina Department of Transportation

SUMMARY OF ESTIMATED QUANTITIES

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE/ROAD NO.	SHEET NO.
3	S.C.	LEXINGTON / RICHLAND	P038337	I-77	SN2

ITEM NO.	PAY ITEM	LEXINGTON	RICHLAND	TOTAL	PAY UNIT
1031000	MOBILIZATION	AS NECESSARY	AS NECESSARY	AS NECESSARY	LS
1032010	BONDS AND INSURANCE	AS NECESSARY	AS NECESSARY	AS NECESSARY	LS
1071000	TRAFFIC CONTROL	AS NECESSARY	AS NECESSARY	AS NECESSARY	LS
6510105	FLAT SHEET, TYPE III, FIXED SZ. & MSG. SIGN	947.190	3640.190	4587.380	SF
6510106	FLAT SHEET, TYPE III, SIZE DETERMINED BY MSG	488.500	2157.250	2645.750	SF
6510108	FLAT SHEET, TYPE XI, SIZE DETERMINED BY MSG, OVERHEAD	122.250	268.500	390.750	SF
6510109	FLAT SHEET,TYPE-VIII,IX, OR XI, FLUOR FIXED SIZE & MSG.		1197.500	1197.500	SF
6513010	MOUNTING ASSEMBLY FOR F.S. SIGN ERCTD ON OVERHEAD SUPPORT		8.000	8.000	EA
6513015	MOUNTING ASSEMBLY FOR F.S. SIGN ERCTD ON SPAN WIRE	10.000		10.000	EA
				0.000	
6520200	EXTRUDED PANEL SIGNS - GROUND MOUNTED EXTRUDED	755.250	4333.250	5088.500	SF
6520250	EXTRUDED PANEL SIGNS- MOUNTED OVERHEAD	4660.000	9853.570	14513.570	SF
				0.000	
6531205	U-SECTION POST FOR SIGN SUPPORTS - 2P	377.000	1165.000	1542.000	LF
6531210	U-SECTION POST FOR SIGN SUPPORTS - 3P	1758.000	9559.000	11317.000	LF
6531215	U-SECTION POST FOR SIGN BRACING - 2P	160.330	580.000	740.330	LF
6531500	REFLECTIVE SIGN POST PANELS (YELLOW)	20.000	40.000	60.000	LF
6541005	BREAK-AWAY SIGN SUPPORTS	1831.000	11450.000	13281.000	LB
6541007	REFURBISH BREAK-AWAY SIGN SUPPORTS	26.000	50.000	76.000	EA
6541405	REMOVAL OF I-BEAM SUPPORTS	2.000	87.000	89.000	EA
				0.000	
6562105	DELINEATORS, SINGLE, MONO., INCL. SUPPORTS	82.000	504.000	586.000	EA
6562107	FLEXIBLE DELINEATOR POST, 4"X12", TYPE 4 SHEETING REFLECTOR		5.000	5.000	EA
6562110	DELINEATORS, DOUBLE, MONO., INCL. SUPPORTS	43.000	318.000	361.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(8)	1.000		1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(61)	1.000		1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(62)	1.000		1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(63)	1.000		1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(12)		1.000	1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(13)		1.000	1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(14)		1.000	1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(15)		1.000	1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(31)		1.000	1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(32)		1.000	1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(33)		1.000	1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(34)		1.000	1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(36)		1.000	1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(39)		1.000	1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(44)		1.000	1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(45)		1.000	1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(46)		1.000	1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(47)		1.000	1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(48)		1.000	1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(49)		1.000	1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(53)		1.000	1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(54)		1.000	1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(55)		1.000	1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(56)		1.000	1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(58)		1.000	1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(64)		1.000	1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(SW-2)	1.000		1.000	EA
6573100	OVERHEAD SIGN STRUCTURE NO.(SW-1)	1.000		1.000	EA
				0.000	
6573105	MODIFICATION OF OVERHEAD SIGN STRUCTURE NO.(20)		1.000	1.000	EA
6573105	MODIFICATION OF OVERHEAD SIGN STRUCTURE NO.(38)		1.000	1.000	EA
				0.000	
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(1)	1.000		1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(2)	1.000		1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(3)	1.000		1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(4)	1.000		1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(5)	1.000		1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(6)	1.000		1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(7)	1.000		1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(9)	1.000		1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(10)	1.000		1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(11)	1.000		1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(16)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(17)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(18)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(19)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(21)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(22)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(23)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(24)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(25)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(26)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(27)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(28)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(30)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(35)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(37)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(40)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(41)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(42)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(43)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(50)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(51)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(52)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(57)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(59)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(60)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(FS-3)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(FS-4)		1.000	1.000	EA
6573106	REFURBISH OVERHEAD SIGN STRUCTURE NO.(SW-5)		1.000	1.000	EA
8051050	MO350 W-BEAM STRONG POST SYSTEM	425.000	3138.500	3563.500	LF
8051151	MT3 LEADING END TREATMENT TL3	2.000	12.000	14.000	EA
8051710	MB TRAILING END TREATMENT	2.000	12.000	14.000	EA
				0.000	
8052210	MO350 TRAILING W-BEAM TYPE B (12.5')		1.000	1.000	EA
8057100	MO350 LEADING TYPE T TL3 (50')		3.000	3.000	EA

SOUTH CAROLINA
HDR ENGINEERING INC.
OF THE C-ROLIN-5
No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 24492
DAVID H. KEARNS

1/13/2020

1/10/2020
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ITEMIZED LISTING OF ESTIMATED QUANTITIES

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL.-ND	P038337	I-77	2-

LEXINGTON COUNTY

6510105 — FLAT SHEET TYPE III, FIXED SIZE AND MESSAGE SIGN

SIGN NUMBER	SIZE WD (IN)	X	HT (IN)	AREA (SQ. FT.)	QUANTITY	TOTAL AREA (SQ. FT.)
R1-1-36	36	x	36	7.46		
R1-1-48	48	x	48	13.26		
R1-2-36	36 x 36 x 36			3.90	5	19.50
R1-2-48	48 x 48 x 48			6.93		
R1-2-60	60 x 60 x 60			10.83		
R2-1-24- 45	24	x	30	5.00	4	20.00
R2-1-36- (SL)	36	x	48	12.00		
R2-1-48- (SL)	48	x	60	20.00		
R2-1-24- (SL)	24	x	30	5.00		
R2-1-36- (SL)	36	x	48	12.00		
R2-1-48- (SL)	48	x	60	20.00		
R2-4a-48- 60	48	x	96	32.00	2	64.00
R2-4a-48- 65	48	x	96	32.00	3	96.00
R2-4b-36- (SL)	36	x	30	7.50		
R2-4b-48- (SL)	48	x	42	14.00		
R2-4b-24- (SL)	24	x	18	3.00		
R2-4b-36- (SL)	36	x	30	7.50		
R2-4b-48- (SL)	48	x	42	14.00		
R2-5A-48 (SL)	48	x	60	20.00		
R3-1-24	24	x	24	4.00		
R3-2-24	24	x	24	4.00		
R3-4-24	24	x	24	4.00		
R4-1-24	24	x	30	5.00		
R4-2-24	24	x	30	5.00		
R4-7-24	24	x	30	5.00	1	5.00
R4-7-36	36	x	48	12.00		
R4-7-48	48	x	60	20.00		
R4-8-24	24	x	30	5.00		
R4-8-36	36	x	48	12.00		
R4-8-48	48	x	60	20.00		
R5-1-30	30	x	30	6.25	8	50.00
R5-1-36	36	x	36	9.00	2	18.00
R5-1-48	48	x	48	16.00		
R5-1a-36	36	x	24	6.00	6	36.00
R5-10f-30	30	x	36	7.50	3	22.50
R6-1R-36	36	x	12	3.00	4	12.00
R6-1L-36	36	x	12	3.00	4	12.00
R7-10-36	36	x	42	10.50		
R7-10.1-36	36	x	42	10.50		
R7-10.2-36	36	x	42	10.50		
R11-2-48	48	x	30	10.00		
R-11-5-36	36	x	30	7.50		
R14-1-24	24	x	18	3.00	2	6.00
R18-1-30	30	x	36	7.50		
R18-1-48	48	x	60	20.00		
R22-3-72	72	x	48	24.00	2	48.00
W1-1R-30	30	x	30	6.25		
W1-1L-30	30	x	30	6.25		
W1-1R-36	36	x	36	9.00		
W1-1L-36	36	x	36	9.00		
W1-2R-30	30	x	30	6.25		
W1-2L-30	30	x	30	6.25		
W1-2R-36	36	x	36	9.00		
W1-2L-36	36	x	36	9.00		
W1-3R-30	30	x	30	6.25		
W1-3L-30	30	x	30	6.25		
W1-3R-36	36	x	36	9.00		
W1-3L-36	36	x	36	9.00		
W1-4R-30	30	x	30	6.25		
				6510105	**SUBTOTAL**	409.00

6510105 — FLAT SHEET TYPE III, FIXED SIZE AND MESSAGE SIGN (CONT'D)

SIGN NUMBER	SIZE WD (IN)	X	HT (IN)	AREA (SQ. FT.)	QUANTITY	TOTAL AREA (SQ. FT.)
W1-4L-30	30	x	30	6.25		
W1-4R-36	36	x	36	9.00		
W1-4L-36	36	x	36	9.00		
W1-5R-30	30	x	30	6.25		
W1-5L-30	30	x	30	6.25		
W1-6-48	48	x	24	8.00		
W1-7-48	48	x	24	8.00		
W1-8-18	18	x	24	3.00		
W1-8-36	36	x	48	12.00		
W2-1-30	30	x	30	6.25		
W2-1-36	36	x	36	9.00		
W3-1-36	36	x	36	9.00		
W3-1-48	48	x	48	16.00		
W3-2-36	36	x	36	9.00	2	18.00
W3-3-36	36	x	36	9.00	9	81.00
W4-2a-36	36	x	36	9.00	3	27.00
W4-1L-36	36	x	36	9.00		
W4-1R-48	48	x	48	16.00		
W4-1L-48	48	x	48	16.00		
W4-2R-30	30	x	30	6.25		
W4-2R-48	48	x	48	16.00		
W4-2L-36	36	x	36	9.00		
W4-2L-48	48	x	48	16.00		
W6-1-36	36	x	36	9.00		
W6-2-36	36	x	36	9.00		
W6-2-48	48	x	48	16.00		
W6-3-30	30	x	30	6.25		
W6-3-36	36	x	36	9.00		
W6-9-48	48	x	48	16.00	2	32.00
W8-3-30	30	x	30	6.25		
W8-13-36	36	x	36	9.00		
W9-1R-36	36	x	36	9.00		
W9-1L-36	36	x	36	9.00	1	9.00
W9-1R-48	48	x	48	16.00		
W9-1L-48	48	x	48	16.00		
W9-2R-36	36	x	36	9.00		
W9-2L-36	36	x	36	9.00		
W9-2R-48	48	x	48	16.00		
W9-2L-48	48	x	48	16.00		
W12-2-36- (HT)	36	x	36	9.00		
W12-2-48- (HT)	48	x	48	16.00		
W12-3-24- (DIS)	24	x	18	3.00		
W13-1-18- (SL)	18	x	18	2.25		
W13-1-24- (SL)	24	x	24	4.00		
W13-2-36- (SL)	36	x	48	12.00		
W13-2-48- (SL)	48	x	60	20.00		
W14-1-30	30	x	30	6.25		
W14-1a-30	30	x	30	6.25		
OM-3R-12	12	x	36	3.00	13	39.00
OM-3L-12	12	x	36	3.00	14	42.00
OM-3R-24	24	x	60	10.00	2	20.00
OM-3L-24	24	x	60	10.00	2	20.00
OM4-3-18	18	x	18	2.25	2	4.50
				6510105	**SUBTOTAL**	292.50

6510105 — FLAT SHEET TYPE III, FIXED SIZE AND MESSAGE SIGN (CONT'D)

SIGN NUMBER	SIZE WD (IN)	X	HT (IN)	AREA (SQ. FT.)	QUANTITY	TOTAL AREA (SQ. FT.)
M1-1-24- 77	24	x	24	4.00	2	8.00
M1-1-30- (RT)	30	x	24	5.00		
M1-1-36- 77	36	x	36	9.00	1	9.00
M1-1-45- (RT)	45	x	36	11.25		
M1-1-48- (RT)	48	x	48	16.00		
M1-1-60- (RT)	60	x	48	20.00		
M1-3-24- 77	24	x	24	4.00	2	8.00
M1-3-30- (RT)	30	x	24	5.00		
M1-3-36- (RT)	36	x	36	9.00		
M1-3-45- (RT)	45	x	36	11.25		
M1-3-48- (RT)	48	x	48	16.00		
M1-3-60- (RT)	60	x	48	20.00		
M1-4-24- 21	24	x	24	4.00	5	20.00
M1-4-30- 176	30	x	24	5.00	5	25.00
M1-4-30- 321	30	x	24	5.00	5	25.00
M1-4-45- (RT)	45	x	36	11.25		
M1-4-48- (RT)	48	x	48	16.00		
M1-4-60- (RT)	60	x	48	20.00		
M1-5-30- 35	30	x	24	5.00	6	30.00
M1-5-30- 302	30	x	24	5.00	2	10.00
M1-5-30- (RT)	30	x	24	5.00		
M1-5-30- (RT)	30	x	24	5.00		
M2-1-21- B	21	x	15	2.19	3	6.56
M2-1-21- W	21	x	15	2.19	1	2.19
M2-1-21- BW	21	x	15	2.19		
M3-1-24- W	24	x	12	2.00	2	4.00
M3-1-24- B	24	x	12	2.00	3	6.00
M3-1-24- BW	24	x	12	2.00	3	6.00
M3-1-30- B	30	x	15	3.13	1	3.13
M3-1-48- (B,G,W)	48	x	24	8.00		
M3-2-24- W	24	x	12	2.00	2	4.00
M3-2-30- (B,G,W)	30	x	15	3.13		
M3-2-36- (B,G,W)	36	x	18	4.50		
M3-2-48- (B,G,W)	48	x	24	8.00		
M3-3-24- BW	24	x	12	2.00	1	2.00
M3-3-24- W	24	x	12	2.00	2	4.00
M3-3-24- B	24	x	12	2.00	3	6.00
M3-3-36- (B,G,W)	36	x	18	4.50		
M3-3-48- (B,G,W)	48	x	24	8.00		
M3-4-24- BW	24	x	12	2.00	2	4.00
M3-4-24- W	24	x	12	2.00	2	4.00
M3-4-36- (B,G,W)	36	x	18	4.50		
M3-4-48- (B,G,W)	48	x	24	8.00		
M4-1a-24	24	x	12	2.00		
M4-6-24	24	x	12	2.00	1	2.00
M4-14-24	24	x	12	2.00	1	2.00
M4-5-24- B	24	x	12	2.00	1	2.00
M4-5-24- BW	24	x	12	2.00	2	4.00
M5-1L-21- (B,G,W)	21	x	15	2.19		
M5-1R-21- BW	21	x	15	2.19	1	2.19
M5-2L-21- (B,G,W)	21	x	15	2.19		
M5-2R-21- (B,G,W)	21	x	15	2.19		
M6-1-21- B	21	x	15	2.19	3	6.56
M6-1-21- W	21	x	15	2.19	2	4.38
M6-1-21- BW	21	x	15	2.19	3	6.56
M6-2L-21- B	21	x	15	2.19	2	4.38
M6-2R-21- B	21	x	15	2.19	3	6.56
M6-3-21- B	21	x	15	2.19	1	2.19
D9-2-24	24	x	24	4.00		
D10-1-12- (M)	12	x	24	2.00		
D10-2-12- (MM)	12	x	36	3.00		
D10-3-12- (MMM)	12	x	48	4.00		
I11-1-60	60	x	72	30.00		
				6510105	**SUBTOTAL**	229.69

6510105 — FLAT SHEET TYPE III, FIXED SIZE AND MESSAGE SIGN (CONT'D)

SIGN NUMBER	SIZE WD (IN)	X	HT (IN)	AREA (SQ. FT.)	QUANTITY	TOTAL AREA (SQ. FT.)
D10-1-12- 1	12	X	24	2.00	4	8.00
D10-1-12- 2	12	X	24	2.00	2	4.00
D10-1-12- 3	12	X	24	2.00	2	4.00
				6510105	**TOTAL**	**947.19**

6510106 — ELCLOSED LENS, TYPE III, FLAT SHEET, SIZE DETERMINED BY MESSAGE

SIGN NUMBER	SIZE WD (IN)	X	HT (IN)	AREA (SQ. FT.)	QUANTITY	TOTAL AREA (SQ. FT.)
D1-1-8	72	X	18	9.00	2	18.00
D1-1-8	96	X	18	12.00	6	72.00
D2-1-8	102	X	18	12.75	1	12.75
D2-1-8	138	X	18	17.25	1	17.25
D1-2-8	90	X	30	18.75	2	37.50
D1-2-8	102	X	30	21.25	5	106.25
D1-2-8	114	X	30	23.75	3	71.25
D1-2a-8	126	X	30	26.25	2	52.50
D2-2-8	72	X	30	15.00	1	15.00
D1-3-8	72	X	48	24.00	1	24.00
D1-3-8	96	X	48	32.00	1	32.00
D1-3-8	90	X	48	30.00	1	30.00
				6510106	**TOTAL**	**488.50**

HT = Height
DIS = Distance
SL = Speed Limit
RT = Route Number
B,G,W = Blue, Green or White Background
M, MM, & MMM = Mile Marker Number

SOUTH CAROLINA — PROFESSIONAL ENGINEER — HDR ENGINEERING INC. OF THE C-ROLIN-5 No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — DANIEL TODD HICKS

1/13/2020

1/10/2020
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FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL.-ND	P038337	I-77	2B

LEXINGTON COUNTY

ITEMIZED LISTING OF ESTIMATED QUANTITIES

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

MULTIPLE PANEL SIGN ATTACHED TO MULTIPLE PANEL SIGN WITH TWO 5.00 FT. 3P U-SECTION INCLUDING SUPPORTS

6520200	PANELS NOT REQUIRING ANY COPY REPOSITIONING COMPLETE WITH NUMERALS AND EXIT COPY			
SIGN NUMBER	STATION	SIGN SURFACE TYPE	SIZE (FEET) W x H	AREA (SQ. FT.)
Q-3-1	455+00 NB RAMP	TYPE III	6 X 2.5	15.00
		6520200	TOTAL	15.00

MULTIPLE PANEL SIGN ATTACHED TO MULTIPLE PANEL SIGN WITH TWO 5.00 FT. 3P U-SECTION INCLUDING SUPPORTS

6520200	PANELS NOT REQUIRING ANY COPY REPOSITIONING COMPLETE WITH NUMERALS AND EXIT COPY			
SIGN NUMBER	STATION	SIGN SURFACE TYPE	SIZE (FEET) W x H	AREA (SQ. FT.)
		6520200	TOTAL	

6541007	REFURBISH I-BEAM BREAKAWAY POSTS =	26
6541405	REMOVAL OF I-BEAM BREAKAWAY POSTS =	2
6551105	SQUARE TUBE POST FOR SIGN SUPPORTS 1.5" x 1.5" x 6' -	
6551110	SQUARE TUBE POST FOR SIGN SUPPORTS 1.75" x 1.75" x 8'	

6531205	U-SECTION POSTS FOR SIGN SUPPORTS: 2P
6531210	U-SECTIONS POSTS FOR SIGN SUPPORTS: 3P
6531215	U-SECTION POSTSFOR SIGN BRACING: 2P

TYPE	2P		3P		2P BRACES		
LENGTH (FEET)	QUANTITY	LINEAR FEET	QUANTITY	LINEAR FEET	LENGTH (INCHES)	QUANTITY	LINEAR FEET
8					56	**4**	**18.67**
10	**8**	**80.00**	**22**	**220.00**	60		
11	**27**	**297.00**	**14**	**154.00**	64		
12			**38**	**456.00**	68	**3**	**17.00**
13			**22**	**286.00**	72	**7**	**42.00**
14			**18**	**252.00**	76	**6**	**38.00**
15			**12**	**180.00**	80		
16			**11**	**176.00**	84	**3**	**21.00**
17			**2**	**34.00**	88		
18					92	**2**	**15.33**
19					96		
20					100	**1**	**8.33**
					104		
TOTAL	**6531205**	**377.00**	**6531210**	**1758.00**	**TOTAL**	**6531215**	**160.33**

BARRICADES

LENGTH	TYPE	NUMBER

6562105 - 6562110 DELINEATORS

SYMBOL	DESCRIPTION	CATS ITEM	TOTAL QUANTITY
	SINGLE WHITE - MONODIRECTIONAL	**6562105**	28
	SINGLE AMBER - MONODIRECTIONAL	**6562105**	54
	4" FLEXIBLE DELINEATOR	**6562107**	
	DOUBLE WHITE - MONODIRECTIONAL	**6562110**	37
	DOUBLE AMBER - MONODIRECTIONAL	**6562110**	6

6513005	SPECIAL BRIDGE MOUNT SUPPORT =	

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE C.ROLIN.S — No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — DAVID H. WEEKS — 1/13/2020

1/10/2020
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FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL.-ND	P038337	I-77	2C

LEXINGTON COUNTY

ITEMIZED LISTING OF ESTIMATED QUANTITIES

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

SIGN NUMBER	STATION NUMBER L=LEFT R=RIGHT	P.E.C. (FEET)	M.H. (FEET)	SOIL TYPE (G, A, P)	REFLECT-ORIZATION	NOTE (3) SIGN WIDTH - HEIGHT (FEET)		EXIT PANEL WIDTH (FEET)	EXIT PANEL AREA (SQ FT)	NOTE (4) AREA (SQ. FT.)	NO. POSTS	NOTE (1) AREA PER POST (SQ FT)	SIGN NUMBER	DISTANCE FROM REFERENCE GRADE (EDGE OF TRAVELWAY) TO GROUND LINE				NOTE (2) dH H/2+MH+L_D	POST SIZE	POST LENGTH ABOVE SLIP PLATE (H+MH+L-O.25)			STUB LENGTH	TOTAL STUB LENGTH	TOTAL LENGTH OF POST PER SIGN	LBS. OF POST STEEL PER SIGN
														POSTS			DESIGN									
														L_1	L_2	L_3	L_D= åL$_S$/ # POSTS			P_1	P_2	P_3		S	P_1 + P_2 + P_3 +S	
Q1	I-77 SB Ramp	20.0	7.0	A	TYPE III	10.5	7.5			78.75	2	39.38	Q1	2.35	2.90	----	2.63	13.38	W8x10	16.60	17.15	---	4.50	9.00	42.75	428
Q-2	I-77 NB Ramp	30.0	7.0	A	TYPE III	16.5	7.0			115.50	2	57.75	Q-2	1.00	2.10	----	1.55	12.05	W8x13	14.75	15.85	---	4.75	9.50	40.10	521
Q-3-1	455+00 NB Ramp				TYPE III	16.5	7.0	6.0	15.0	130.50			Q-3-1			----		4.50								
Q-4	549+00 R				TYPE III	10.5	3.5			36.75	2	18.38	Q-4			----		1.75								
M1025-1	SB 436+63 L	14.0	7.0	A	TYPE III	6.0	5.0			30.00	2	15.00	M1025-1	0.30	0.40	----	0.35	9.85	S4x7.7	12.05	12.15				24.20	186
M1025-2	464+80 R	14.0	7.0	A	TYPE III	6.0	5.0			30.00	2	15.00	M1025-2	0.55	0.50	----	0.53	10.03	S4x7.7	12.80	12.75				25.55	197
M1025-2	487+25 L	14.0	7.0	A	TYPE III	6.0	5.0			30.00	2	15.00	M1025-2	0.75	0.80	----	0.78	10.28	S4x7.7	12.50	12.55	---	4.00	8.00	33.05	254
R4-31-132-1	NB 425+60 L				TYPE III	11.0	4.0			44.00			R4-31-132-1			----		2.00								
R4-31-132-1	NB 425+60 R				TYPE III	11.0	4.0			44.00			R4-31-132-1			----		2.00								
R4-30-132-24	NB 433+50 L				TYPE III	11.0	4.0			44.00			R4-30-132-24			----		2.00								
R4-30-132-24	NB 433+50 R				TYPE III	11.0	4.0			44.00			R4-30-132-24			----		2.00								
R4-33-84	NB 531+35 L				TYPE III	7.0	5.0			35.00			R4-33-84			----		2.50								
R4-33-84	NB 537+50 R				TYPE III	7.0	5.0			35.00			R4-33-84			----		2.50								
Q4.1	549+00 R				TYPE III	10.5	1.5			15.75			Q4.1			----		0.75								
R22-4-108	NB 473+50	20.0	7.0	A	TYPE III	9.0	3.0			27.00	2	13.50	R22-4-108	1.75	2.50	----	2.13	10.63	S4x7.7	11.50	12.25	---	4.00	8.00	31.75	244

6520200 TOTAL	740.25

6541005 TOTAL	1831

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.

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
HDR ENGINEERING INC. OF THE C.ROLIN.S No. C038

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 24492
DAVID H. WEEKS
1/13/2020

1/10/2020
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FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD./ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL.-ND	P038337	I-77	2D

ITEMIZED LISTING OF ESTIMATED QUANTITIES

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

LEXINGTON COUNTY

OVERHEAD STRUCTURES

OVERHEAD STRUCTURE NUMBER	STATION LOCATION	QUANTITY	TYPE	SPAN LENGTH (FT)	SUPPORTS LENGTH (FT) (GROUND TO LOWEST HORIZONTAL MEMBER) LEFT	SUPPORTS LENGTH (FT) (GROUND TO LOWEST HORIZONTAL MEMBER) RIGHT	FOOTING REQUIRED THIS BID ITEM	SIGNS SUPPORTED
OH-8	483+50 SB	1	CANT.	35.5		18.53	YES	OH-8-1
OH-61	US 321	1	CANT.	45		18.17	YES	OH-61A, OH-61B
OH-62	US 321	1	SGN BRG	166	23.49	16.35	YES	OH-62A, OH-62B, OH-62C
OH-63	SC 35	1	CANT.	45		20.41	YES	OH-63A, OH-63B
OH-SW-1	SC 35	1	SPANWIRE	96	18.7	18.8	YES	OH-SW-1A. OH-SW-1B
OH-SW-2	SC 35	1	SPANWIRE	96	18.5	19.2	YES	OH-SW-2A, OH-SW-2B
					6573100		**TOTAL**	

OVERHEAD STRUCTURES TO BE REFURBISHED

OH-1	424+50 SB	1	SGN BRG	112	21.4	21.5	NO	OH-1A, OH-1B
OH-2	444+55.SB	1	SGN BRG	128.12	23.4	18.8	NO	OH-2A, OH-2B, OH-2C-1
OH-3	448+45 NB	1	CANT.	35		19.9	NO	OH-3-2
OH-4	462+11 SB	1	CANT.	30		17.4	NO	OH-4-1
OH-5	460+00 NB	1	CANT.	35		20.4	NO	OH-5-2
OH-6	471+90 WB	1	SGN BRG	80.5	18.7	17.3	NO	OH-6A, OH-6B
OH-7	459+00 NB	1	CANT.	42.5		19.4	NO	OH-7-2, R4-33-84
OH-9	491+50 SB	1	SGN BRG	97	18.9	22.8	NO	OH-9A, OH-9B-R4-32-90
OH-10	SC 35	1	CANT.	45		19.5	NO	OH-10A, OH-10B
OH-11	541+00 SB	1	CANT.	33.5		19.3	NO	OH-11-2
					6573105		**TOTAL**	

REMOVAL OF OVERHEAD STRUCTURES

ROH-64	US 321	1	CANT	N/A	N/A	N/A	YES	N/A
					6573115		**TOTAL**	

PANELS TO BE MOUNTED OVERHEAD

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-1A	TYPE XI	14 X 10	140.00	1	140.00
OH-1B	TYPE XI	16 X 10	160.00	1	160.00
OH-1.1A	TYPE XI	5 X 2.5	12.50	1	12.50
OH-1.1B	TYPE XI	5 X 2.5	12.50	1	12.50
OH-2A	TYPE XI	16 X 10	160.00	1	160.00
OH-2B	TYPE XI	16 X 10	160.00	1	160.00
OH-2C-1	TYPE XI	21.5 X 10	215.00	1	215.00
OH-2.1A	TYPE XI	5 X 2.5	12.50	1	12.50
OH-2.1B	TYPE XI	5 X 2.5	12.50	1	12.50
OH-3-2	TYPE XI	19 X 13.5	256.50	1	256.50
OH-4-1	TYPE XI	19 X 12	228.00	1	228.00
OH-5-2	TYPE XI	19 X 11.5	218.50	1	218.50
OH-6A	TYPE XI	14 X 10	140.00	1	140.00
OH-6B	TYPE XI	16 X 10	160.00	1	160.00
OH-6.1A	TYPE XI	5 X 2.5	12.50	1	12.50
OH-6.1B	TYPE XI	5 X 2.5	12.50	1	12.50
OH-7-2	TYPE XI	21 X 11.5	241.50	1	241.50
OH-8-1	TYPE XI	19 X 12	228.00	1	228.00
OH-9A	TYPE XI	16 X 12	192.00	1	192.00
OH-9B-2	TYPE XI	21 X 9.5	199.50	1	199.50
OH-10A	TYPE XI	13 X 10	130.00	1	130.00
OH-10B	TYPE XI	18.5 X 12.5	231.25	1	231.25
OH-11-2	TYPE XI	19 X 11	209.00	1	209.00
OH-61A	TYPE XI	15.5 X 12	186.00	1	186.00
OH-61B	TYPE XI	16 X 8	128.00	1	128.00
OH-62A	TYPE XI	21 X 6	126.00	1	126.00
OH-62B	TYPE XI	16.5 X 11	181.50	1	181.50
OH-62C	TYPE XI	15.5 X 13	201.50	1	201.50
OH-63A	TYPE XI	15.5 X 12	186.00	1	186.00
OH-63B	TYPE XI	16 X 8	128.00	1	128.00
R4-32-90	TYPE XI	7.5 X 3	22.50	1	22.50
R4-33-84	TYPE XI	6 X 5	30.00	1	30.00
			6520250	**TOTAL**	**4,533.75**

FLATSHEET PANELS FOR NEW AND EXISTING SIGNS

	(IN) x (IN)	(SQ. FT.)		
			6510106	**TOTAL**

EXIT PANELS FOR OVERHEAD SIGNS

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-2C-1	TYPE XI	6 X 2.5	15.00	1	15.00
OH-3-2	TYPE XI	6.5 X 2.5	16.25	1	16.25
OH-4-1	TYPE XI	6 X 2.5	15.00	1	15.00
OH-5-2	TYPE XI	6.5 X 2.5	16.25	1	16.25
OH-7-2	TYPE XI	6.5 X 2.5	16.25	1	16.25
OH-8-1	TYPE XI	6 X 2.5	15.00	1	15.00
OH-9B-2	TYPE XI	6.5 X 2.5	16.25	1	16.25
OH-11-2	TYPE XI	6.5 X 2.5	16.25	1	16.25
			6520250	**TOTAL**	**126.25**

OVERHEAD SPANWIRE & BRIDGE MOUNTED FLAT SHEET SIGNS

OH-SW-1A	TYPE XI	6 X 4	24.00	1	24.00
OH-SW-1B	TYPE XI	6 X 4	24.00	1	24.00
OH-SW-2A	TYPE XI	6 X 4	24.00	1	24.00
OH-SW-2B	TYPE XI	6 X 4	24.00	1	24.00
OHB-MI-5-54-35	TYPE XI	4 X 1.25	5.00	2	10.00
W12-2P-78-17.0	TYPE XI	6.5 X 1.25	8.13	2	16.25
			6510108	**TOTAL**	**122.25**

SIGN LIGHTING SYSTEMS

BID ITEM NO.	SYSTEM NO.	SEE PLAN SHEET NO.	QUANTITY
6603200			

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

ITEMIZED LISTING OF ESTIMATED QUANTITIES

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL.-ND	P038337	I-77	2E

RICHLAND COUNTY

6510105	FLAT SHEET TYPE III, FIXED SIZE AND MESSAGE SIGN					
SIGN NUMBER	SIZE WD (IN)	X	HT (IN)	AREA (SQ. FT.)	QUANTITY	TOTAL AREA (SQ. FT.)
R1-1-36	36	x	36	7.46	7	52.22
R1-1-48	48	x	48	13.26	1	13.26
R1-2-36	36 x 36 x 36			3.90	16	62.40
R1-2-48	48 x 48 x 48			6.93		
R1-2-60	60 x 60 x 60			10.83		
R2-1-24- 35	24	x	30	5.00	4	20.00
R2-1-24- 40	24	x	30	5.00	10	50.00
R2-1-24- 45	24	x	30	5.00	4	20.00
R2-1-24- 55	24	x	30	5.00	2	10.00
R2-1-36- (SL)	36	x	48	12.00		
R2-1-48- (SL)	48	x	60	20.00		
R2-4a-48- 60	48	x	96	32.00	12	384.00
R2-4a-48- 65	48	x	96	32.00	1	32.00
R2-4b-36- (SL)	36	x	30	7.50		
R2-4b-48- (SL)	48	x	42	14.00		
R2-4b-24- (SL)	24	x	18	3.00		
R2-4b-36- (SL)	36	x	30	7.50		
R2-4b-48- (SL)	48	x	42	14.00		
R2-5A-48 (SL)	48	x	60	20.00		
R3-2-24	24	x	24	4.00	4	16.00
R3-4-24	24	x	24	4.00	2	8.00
R3-7R-30	30	x	30	6.25	7	43.75
R4-1-24	24	x	30	5.00	2	10.00
R4-2-24	24	x	30	5.00	1	5.00
R4-7-24	24	x	30	5.00	6	30.00
R4-1-36	36	x	48	12.00	1	12.00
R4-7-48	48	x	60	20.00		
R4-8-24	24	x	30	5.00		
R4-20-36	36	x	48	12.00	1	12.00
R4-8-48	48	x	60	20.00		
R5-1-30	30	x	30	6.25	61	381.25
R5-1-36	36	x	36	9.00		
R5-1-48	48	x	48	16.00		
R5-1a-36	36	x	24	6.00	42	252.00
R5-10f-30	30	x	36	7.50	19	142.50
R6-1R-36	36	x	12	3.00	24	72.00
R6-1L-36	36	x	12	3.00	23	69.00
R10-7-24	24	x	30	5.00	1	5.00
R7-10.1-36	36	x	42	10.50		
R7-10.2-36	36	x	42	10.50		
R11-2-48	48	x	30	10.00		
R-11-5-36	36	x	30	7.50		
R11-6-48	48	x	24	8.00		
R18-1-30	30	x	36	7.50		
R18-1-48	48	x	60	20.00		
R22-1-48	48	x	36	12.00		
W1-1R-30	30	x	30	6.25		
W1-1L-30	30	x	30	6.25		
W1-1R-36	36	x	36	9.00		
W1-1L-36	36	x	36	9.00		
W1-2R-30	30	x	30	6.25		
W1-2L-30	30	x	30	6.25		
W1-2R-36	36	x	36	9.00		
W1-2L-36	36	x	36	9.00		
W1-3R-30	30	x	30	6.25		
W1-3L-30	30	x	30	6.25		
W1-3R-36	36	x	36	9.00		
W1-3L-36	36	x	36	9.00		
W1-4R-30	30	x	30	6.25		
			6510105	SUBTOTAL		1702.38

6510105	FLAT SHEET TYPE III, FIXED SIZE AND MESSAGE SIGN (CONT'D)					
SIGN NUMBER	SIZE WD (IN)	X	HT (IN)	AREA (SQ. FT.)	QUANTITY	TOTAL AREA (SQ. FT.)
W1-4R-48	48	x	48	16.00		
W1-4L-48	48	x	48	16.00		
W1-13L-48	48	x	48	16.00		
W1-13R-48	48	x	48	16.00		
W1-6-48	48	x	24	8.00		
W1-7-48	48	x	24	8.00		
W1-8-18	18	x	24	3.00		
W1-8-36	36	x	48	12.00		
W2-1-30	30	x	30	6.25		
W2-2L-30	30	x	30	6.25	1	6.25
W3-1-36	36	x	36	9.00	2	18.00
W3-1-48	48	x	48	16.00		
W3-3-36	36	x	36	9.00	21	189.00
W3-3-48	48	x	48	16.00	2	32.00
W4-1R-36	36	x	36	9.00	1	9.00
W4-1L-36	36	x	36	9.00		
W4-1R-48	48	x	48	16.00	3	48.00
W4-1L-48	48	x	48	16.00		
W4-2R-36	36	x	36	9.00	3	27.00
W4-2a-30	30	x	30	6.25	1	6.25
W4-2a-48	48	x	48	16.00	1	16.00
W4-2L-48	48	x	48	16.00		
W6-1-36	36	x	36	9.00	1	9.00
W6-2-36	36	x	36	9.00		
W6-2-48	48	x	48	16.00		
W6-3-30	30	x	30	6.25		
W6-3-36	36	x	36	9.00		
W6-3-48	48	x	48	16.00		
W8-3-30	30	x	30	6.25		
W8-16-36	36	x	36	9.00	4	36.00
W9-1R-36	36	x	36	9.00		
W9-1L-36	36	x	36	9.00		
W9-1R-48	48	x	48	16.00		
W9-1L-48	48	x	48	16.00		
W9-2R-36	36	x	36	9.00		
W9-2L-36	36	x	36	9.00	4	36.00
W9-2R-48	48	x	48	16.00		
W9-2-30	30	x	30	6.25	1	6.25
W12-2-36- (HT)	36	x	36	9.00		
W12-2-48- (HT)	48	x	48	16.00		
W13-3-48- 25	48	x	60	20.00		
W13-1-18- 20	18	x	18	2.25		
W13-1-24- 20	24	x	24	4.00		
W13-1-24- 25	24	x	24	4.00		
W13-1-24- 50	24	x	24	4.00		
W13-6-24- 20	24	x	42	7.00		
W13-2-48- 20	48	x	60	20.00		
W13-2-48- 35	48	x	60	20.00		
W13-2-48- 40	48	x	60	20.00		
W13-2-48- 25	48	x	60	20.00		
W18-1L-12	30	x	30	6.25		
OM-3R-12	12	x	36	3.00	39	117.00
OM-3L-12	12	x	36	3.00	46	138.00
OM-3R-24	24	x	60	10.00		
OM-3L-24	24	x	60	10.00		
OHW1-2AR-84-25	84	x	36	21.00	1	21.00
			6510105	SUBTOTAL		714.75

6510105	FLAT SHEET TYPE III, FIXED SIZE AND MESSAGE SIGN (CONT'D)					
SIGN NUMBER	SIZE WD (IN)	X	HT (IN)	AREA (SQ. FT.)	QUANTITY	TOTAL AREA (SQ. FT.)
M1-1-24- 26	24	x	24	4.00	1	4.00
M1-1-24- 77	24	x	24	4.00	70	280.00
M1-1-36- 77	36	x	36	9.00	8	72.00
M1-1-45- (RT)	45	x	36	11.25		
M1-1-48- (RT)	48	x	48	16.00		
M1-1-60- (RT)	60	x	48	20.00		
M1-3-24- (RT)	24	x	24	4.00		
M1-3-30- (RT)	30	x	24	5.00		
M1-3-36- (RT)	36	x	36	9.00		
M1-3-45- (RT)	45	x	36	11.25		
M1-3-48- (RT)	48	x	48	16.00		
M1-3-60- (RT)	60	x	48	20.00		
M1-4-24- 76	24	x	24	4.00	8	32.00
M1-4-30- 378	30	x	24	5.00	8	40.00
M1-4-36- (RT)	36	x	36	9.00		
M1-4-45- (RT)	45	x	36	11.25		
M1-4-48- (RT)	48	x	48	16.00		
M1-5-30- 12	30	x	24	5.00	20	100.00
M1-5-30- 48	30	x	24	5.00	6	30.00
M1-5-30- 262	30	x	24	5.00	8	40.00
M1-5-30- 760	30	x	24	5.00	5	25.00
M1-5-30- 768	30	x	24	5.00	6	30.00
M2-1-21- B	21	x	15	2.19	16	35.00
M2-1-21- W	21	x	15	2.19		
M2-1-21- BW	21	x	15	2.19	4	8.75
M3-1-24- B	24	x	12	2.00	29	58.00
M3-1-30- B	30	x	15	3.13	2	6.25
M3-1-36- (B,G,W)	36	x	18	4.50		
M3-1-48- (B,G,W)	48	x	24	8.00		
M3-2-24- W	24	x	12	2.00	3	6.00
M3-2-24- BW	24	x	12	2.00	19	38.00
M3-2-36- (B,G,W)	36	x	18	4.50		
M3-2-48- (B,G,W)	48	x	24	8.00		
M3-3-24- B	24	x	12	2.00	35	70.00
M3-3-30- B	30	x	15	3.13	6	18.75
M3-3-36- (B,G,W)	36	x	18	4.50		
M3-3-48- (B,G,W)	48	x	24	8.00		
M3-4-24- BW	24	x	12	2.00	18	36.00
M3-4-24- W	24	x	12	2.00	4	8.00
M3-4-36- (B,G,W)	36	x	18	4.50		
M3-4-48- (B,G,W)	48	x	24	8.00		
M4-1a-24	24	x	12	2.00		
M4-3-24	24	x	12	2.00		
M4-4-24	24	x	12	2.00		
M4-5-24- B	24	x	12	2.00	5	10.00
M4-5-24- W	24	x	12	2.00	1	2.00
M6-1-21- B	21	x	15	2.19	15	32.81
M6-1-21- W	21	x	15	2.19	5	10.94
M6-1-21- BW	21	x	15	2.19	19	41.56
M6-2L-21- BW	21	x	15	2.19	1	2.19
M6-2L-21- B	21	x	15	2.19	7	15.31
M6-2R-21- B	21	x	15	2.19	22	48.13
M6-2R-21- BW	21	x	15	2.19	6	13.13
M6-3-21- B	21	x	15	2.19	10	21.88
M6-3-21- W	21	x	15	2.19	1	2.19
M6-3-21- BW	21	x	15	2.19	5	10.94
D9-2-24	24	x	24	4.00	2	8.00
D10-1-12- (M)	12	x	24	2.00		
D10-2-12- (MM)	12	x	36	3.00		
D10-3-12- (MMM)	12	x	48	4.00		
I11-1-60	60	x	72	30.00		
i-5-30	30	x	30	6.25	1	6.25
			6510105	SUBTOTAL		1163.06

6510105	FLAT SHEET TYPE III, FIXED SIZE AND MESSAGE SIGN (CONT'D)					
SIGN NUMBER	SIZE WD (IN)	X	HT (IN)	AREA (SQ. FT.)	QUANTITY	TOTAL AREA (SQ. FT.)
D10-1-12- 4	12	X	24	2.00	2	4.00
D10-1-12- 5	12	X	24	2.00	2	4.00
D10-1-12- 6	12	X	24	2.00	2	4.00
D10-1-12- 7	12	X	24	2.00	2	4.00
D10-1-12- 8	12	X	24	2.00	2	4.00
D10-1-12- 9	12	X	24	2.00	2	4.00
D10-2-12- 10	12	X	36	3.00	2	6.00
D10-2-12- 11	12	X	36	3.00	2	6.00
D10-2-12- 12	12	X	36	3.00	2	6.00
D10-2-12- 13	12	X	36	3.00	2	6.00
D10-2-12- 14	12	X	36	3.00	2	6.00
D10-2-12- 15	12	X	36	3.00	2	6.00

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

ITEMIZED LISTING OF ESTIMATED QUANTITIES

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD.O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL.-ND	P038337	I-77	2F

RICHLAND COUNTY

6510109	FLAT SHEET TYPE XI, FLUOR FIXED SIZE AND MESSAGE SIGN					
SIGN NUMBER	SIZE WD (IN)	X	HT (IN)	AREA (SQ. FT.)	QUANTITY	TOTAL AREA (SQ. FT.)
W1-1R-36	30	x	30	6.25	1	6.25
W1-4R-48	48	x	48	16.00	4	64.00
W1-4L-36	36	x	36	9.00		
W1-13L-48	48	x	30	10.00	1	10.00
W1-13R-48	48	x	48	16.00	5	80.00
W1-6-48	48	x	24	8.00		
W1-7-48	48	x	24	8.00		
W1-8-18	18	x	24	3.00		
W1-8-36	36	x	48	12.00	66	792.00
W2-1-30	30	x	30	6.25		
W2-1-36	36	x	36	9.00		
W3-1-36	36	x	36	9.00		
W3-1-48	48	x	48	16.00		
W3-2-36	36	x	36	9.00		
W3-3-48	48	x	48	16.00		
W4-2a-36	36	x	36	9.00		
W4-1L-36	36	x	36	9.00		
W4-1R-48	48	x	48	16.00		
W4-1L-48	48	x	48	16.00		
W4-2R-30	30	x	30	6.25		
W4-2R-48	48	x	48	16.00		
W4-2L-36	36	x	36	9.00		
W4-2L-48	48	x	48	16.00		
W6-1-36	36	x	36	9.00		
W6-2-36	36	x	36	9.00		
W6-2-48	48	x	48	16.00		
W6-3-30	30	x	30	6.25		
W6-3-36	36	x	36	9.00		
W6-9-48	48	x	48	16.00		
W8-3-30	30	x	30	6.25		
W8-13-36	36	x	36	9.00		
W9-1R-36	36	x	36	9.00		
W9-1L-36	36	x	36	9.00		
W9-1R-48	48	x	48	16.00		
W9-1L-48	48	x	48	16.00		
W9-2R-36	36	x	36	9.00		
W9-2L-36	36	x	36	9.00		
W9-2R-48	48	x	48	16.00		
W9-2L-48	48	x	48	16.00		
W12-2-36- (HT)	36	x	36	9.00		
W12-2-48- (HT)	48	x	48	16.00		
W12-3-24- (DIS)	24	x	18	3.00		
W13-1-18 20	18	x	18	2.25	1	2.25
W13-1-24- 25	24	x	24	4.00	2	8.00
W13-1-24- 20	24	x	24	4.00	1	4.00
W13-1-24- 50	24	x	24	4.00	7	28.00
W13-6-24 20	24	x	42	7.00	1	7.00
W13-2-48 -35	48	x	60	20.00	3	60.00
W13-2-48-40	48	x	60	20.00	3	60.00
W13-2-48-25	48	x	60	20.00	1	20.00
W13-3-48-25	48	x	60	20.00	2	40.00
W13-2-48 20	48	x	48	16.00	1	16.00
OM-3R-12	12	x	36	3.00		
OM-3L-12	12	x	36	3.00		
OM-3R-24	24	x	60	10.00		
OM-3L-24	24	x	60	10.00		
OM4-3-18	18	x	18	2.25		
				6510109	SUBTOTAL	1197.50

HT = Height	RT = Route Number
DIS = Distance	B,G,W = Blue, Green or White Background
SL = Speed Limit	M, MM, & MMM = Mile Marker Number

SOUTH CAROLINA PROFESSIONAL ENGINEER
HDR ENGINEERING INC. OF THE C-ROLIN-S
No. C0318
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 24492
DAVID H. HEIL
1/13/2020

1/10/2020
c:\pwworking\east01\d0189320\Snt 02F_Qty Fixed_Rich.dgn

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL.-ND	P038337	I-77	20

RICHLAND COUNTY

ITEMIZED LISTING OF ESTIMATED QUANTITIES

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

MULTIPLE PANEL SIGN ATTACHED TO MULTIPLE PANEL SIGN WITH TWO 5.00 FT. 3P U-SECTION INCLUDING SUPPORTS

6520200 PANELS NOT REQUIRING ANY COPY REPOSITIONING COMPLETE WITH NUMERALS AND EXIT COPY

SIGN NUMBER	STATION	SIGN SURFACE TYPE	SIZE (FEET) W x H	AREA (SQ. FT.)
Q-10-5	**627+20 R**	**TYPE III**	**6.5 X 2.5**	**16.25**
Q-11-5	**635+10 R**	**TYPE III**	**6.5 X 2.5**	**16.25**
Q-12-5	**687+00 L**	**TYPE III**	**7 X 2.5**	**17.50**
Q-13-5	**693+80 L**	**TYPE III**	**6.5 X 2.5**	**16.25**
Q-14-6	**750+00 L**	**TYPE III**	**6.5 X 2.5**	**16.25**
Q-15-9A	**788+00 R**	**TYPE III**	**8.5 X 2.5**	**21.25**
Q-17-9A	**801+40 R**	**TYPE III**	**8.5 X 2.5**	**21.25**
Q-18-9B	**784+15 L**	**TYPE III**	**8 X 2.5**	**20.00**
Q-19-9B	**888+00 L**	**TYPE III**	**8 X 2.5**	**20.00**
Q-20-10	**884+00 R**	**TYPE III**	**7 X 2.5**	**17.50**
Q-21-10	**942+50 L**	**TYPE III**	**7 X 2.5**	**17.50**
Q-22-12	**997+00 R**	**TYPE III**	**7 X 2.5**	**17.50**
Q-26-16	**1127+50 R**	**TYPE III**	**7 X 2.5**	**17.50**
		6520200	**TOTAL**	235.00

MULTIPLE PANEL SIGN ATTACHED TO MULTIPLE PANEL SIGN WITH TWO 5.00 FT. 3P U-SECTION INCLUDING SUPPORTS

6520200 PANELS NOT REQUIRING ANY COPY REPOSITIONING COMPLETE WITH NUMERALS AND EXIT COPY

SIGN NUMBER	STATION	SIGN SURFACE TYPE	SIZE (FEET) W x H	AREA (SQ. FT.)
		6520200	**TOTAL**	

6541007	REFURBISH I-BEAM BREAKAWAY POSTS =	50 EA.
6541405	REMOVAL OF I-BEAM BREAKAWAY POSTS =	87 EA.
6551105	SQUARE TUBE POST FOR SIGN SUPPORTS 1.5" x 1.5" x 6' -	
6551110	SQUARE TUBE POST FOR SIGN SUPPORTS 1.75" x 1.75" x 8'	

6531205	U-SECTION POSTS FOR SIGN SUPPORTS: 2P
6531210	U-SECTIONS POSTS FOR SIGN SUPPORTS: 3P
6531215	U-SECTION POSTSFOR SIGN BRACING: 2P

TYPE	**2P**		**3P**		**2P BRACES**		
LENGTH (FEET)	QUANTITY	LINEAR FEET	QUANTITY	LINEAR FEET	LENGTH (INCHES)	QUANTITY	LINEAR FEET
8					56	**16**	**74.67**
10	**12**	**120.00**	**36**	**360.00**	60	**12**	**60.00**
11	**95**	**1045.00**	**36**	**396.00**	64	**10**	**53.33**
12			**258**	**3096.00**	68	**7**	**39.67**
13			**158**	**2054.00**	72	**12**	**72.00**
14			**127**	**1778.00**	76	**13**	**82.33**
15			**15**	**225.00**	80	**4**	**26.67**
16			**47**	**752.00**	84	**2**	**14.00**
17			**21**	**357.00**	88		
18			**14**	**252.00**	92	**6**	**46.00**
19			**11**	**209.00**	96	**3**	**24.00**
20			**4**	**80.00**	100	**4**	**33.33**
21					108	**6**	**54.00**
TOTAL	**6531205**	**1165.00**	**6531210**	**9559.00**	**TOTAL**	**6531215**	**580.00**

BARRICADES

LENGTH	TYPE	NUMBER

6562105 - 6562110 **DELINEATORS**

SYMBOL	DESCRIPTION	CATS ITEM	TOTAL QUANTITY
	SINGLE WHITE - MONODIRECTIONAL	**6562105**	125
	SINGLE AMBER - MONODIRECTIONAL	**6562105**	379
	4" FLEXIBLE DELINEATOR	**6562107**	5
	DOUBLE WHITE - MONODIRECTIONAL	**6562110**	318
	DOUBLE AMBER - MONODIRECTIONAL	**6562110**	

6513005	SPECIAL BRIDGE MOUNT SUPPORT =	

SOUTH CAROLINA NORTH CAROLINA
HDR ENGINEERING INC.
OF THE C-ROLIN-S
No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 24492
DAVID H. KELLEY
1/13/2020

1/10/2020
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DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	ST.-TE	COUNTY	PROJECT ID	RD.O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL.-ND	P038337	I-77	2H

RICHLAND COUNTY

ITEMIZED LISTING OF ESTIMATED QUANTITIES

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

SIGN NUMBER	STATION NUMBER L=LEFT R=RIGHT	P.E.C. (FEET)	M.H. (FEET)	SOIL TYPE (G, A, P)	REFLECT-ORIZATION	NOTE (3) SIGN WIDTH - HEIGHT (FEET)		EXIT PANEL WIDTH (FEET)	EXIT PANEL AREA (SQ FT)	NOTE (4) AREA (SQ. FT.)	NO. POSTS	NOTE (1) AREA PER POST (SQ FT)	SIGN NUMBER	DISTANCE FROM REFERENCE GRADE (EDGE OF TRAVELWAY) TO GROUND LINE				dH H/2+MH+L_D	POST SIZE	POST LENGTH ABOVE SLIP PLATE (H+MH+L-O.25)			STUB LENGTH	TOTAL STUB LENGTH	TOTAL LENGTH OF POST PER SIGN	LBS. OF POST STEEL PER SIGN
														POSTS			DESIGN									
														L_1	L_2	L_3	L_D= åL$_S$/ # POSTS			P_1	P_2	P_3		S	P_1 + P_2 + P_3 +S	
Q-5	562+80 L				TYPE III	11.0	3.5			38.50			Q-5			----						---				
Q-7	565+80 R	20.0	7.0	A	TYPE III	16.0	5.5			88.00	2	44.00	Q-7	3.60	6.70	----	5.15	14.90	W8x13	15.85	18.95	---	4.75	9.50	44.30	576
Q-8	577+00 R				TYPE III	11.5	6.5			74.75			Q-8			----						---				
Q-9	614+20 L				TYPE III	15.5	5.5			85.25			Q-9			----										
Q-10-5	627+20 R	30.0	7.0	A	TYPE III	24.0	7.0	6.5	16.3	184.25	3	61.42	Q-10-5	4.80	7.00	9.10	6.97	18.47	W8x21	4.80	7.00	9.10	5.75	17.25	38.15	801
Q-11-5	635+10 R	16.0	7.0	A	TYPE III	20.5	9.5	6.5	16.3	211.00	3	70.33	Q-11-5	1.40	2.00	3.10	2.17	14.92	W8x21	1.40	5.00		5.75	17.25	23.65	497
Q-12-5	687+00 L				TYPE III	19.0	7.0	6.5	16.3	149.25			Q-12-5			----										
Q-13-5	693+80 L	25.0	7.0	A	TYPE III	20.5	9.5	6.5	16.3	211.00	3	70.33	Q-13-5	2.60	3.60	4.60	3.60	16.35	W8x21	18.85	19.85	20.85	5.75	17.25	76.80	1613
Q-14-6	750+00				TYPE III	22.5	7.0	6.5	16.3	173.75			Q-14-6			----										
Q-15-9A	788+00 R				TYPE III	16.5	10.5	8.5	21.3	194.50			Q-15-9A			----										
Q-16	793+60 R				TYPE III	18.0	7.5			135.00			Q-16			----										
Q-17-9A	801+40 R				TYPE III	19.5	7.0	8.5	21.3	157.75			Q-17-9A			----										
Q-18-9B	874+15 L				TYPE III	19.5	7.0	8.0	20.0	156.50			Q-18-9B			----										
Q-19-9B	888+00 L				TYPE III	13.0	7.0	8.0	20.0	111.00			Q-19-9B			----										
Q-20-10	884+00 R				TYPE III	23.0	7.0	7.0	17.5	178.50			Q-20-10			----										
Q-21-10	942+50 L				TYPE III	23.0	7.0	7.0	17.5	178.50			Q-21-10			----										
Q-22-12	997+00 R	30.0	7.0	A	TYPE III	15.0	7.0	7.0	17.5	122.50	2	61.25	Q-22-12	2.00	1.30	----	1.65	13.15	W8x15	15.75	15.05	---	5.25	10.50	41.30	620
Q-23	SC 12				TYPE III	14.0	12.0			168.00			Q-23			----						---				
Q-24	888+50 R	25.0	7.0	A	TYPE III	22.0	12.5			275.00	3	91.67	Q-24	0.80	0.80	0.80	0.80	14.05	W10x22	20.05	20.05	20.05	6.00	18.00	78.15	1719
Q-25	1139+00 L				TYPE III	14.0	9.5			133.00			Q-25			----						---				
Q-26-16	1127+50 R	30.0	7.0	A	TYPE III	16.0	11.5	7.0	17.5	201.50	2	100.75	Q-26-16	1.10	3.00	----	2.05	15.80	W10x26	19.35	21.25	---	6.50	13.00	53.60	1394
Q-29	SC 768	20.0	7.0		TYPE III	15.5	14.5			224.75			Q-29			----		14.25	S3x5.7			---				
M1025-5	653+25 R	14.0	7.0	A	TYPE III	6.0	5.0			30.00	2	15.00	M1025-5	0.25	0.60	----	0.43	9.93	S4x7.7	12.00	12.35	---			24.35	187
M1025-5	675+00 L	14.0	7.0	A	TYPE III	6.0	5.0			30.00	2	15.00	M1025-5	0.40	0.60	----	0.50	10.00	S4x7.7	12.15	12.35	---	4.00	8.00	32.50	250
M1025-6	734+00 L	14.0	7.0	A	TYPE III	6.0	5.0			30.00	2	15.00	M1025-6	0.10	0.00	----	0.05	9.55	S4x7.7	11.85	11.75	---			23.60	182
M1025-6A	710+00 R	14.0	7.0	A	TYPE III	6.5	5.0			32.50	2	16.25	M1025-6A	-0.10	-0.55	----	-0.33	9.18	S4x7.7	11.65	11.20	---	4.00	8.00	30.85	238
M1025-6B-25	733+10 R	14.0	7.0	A	TYPE III	6.5	7.0			45.50	2	22.75	M1025-6B-25	0.20	0.20	----	0.20	10.70	W6x9	13.95	13.95	---	4.50	9.00	36.90	332
Q-5.1	562+80 L		7.0		TYPE III	11.0	1.5			16.50			Q-5.1			----						---				
M1025-9A	823+50 R				TYPE III	6.5	5.0			32.50			M1025-9A			----						---				
M1025-9B-35	837+60 R				TYPE III	6.5	7.0			45.50			M1025-9B-35			----										
M1025-9B-35	858+00 L	14.0	7.0	A	TYPE III	6.5	7.0			45.50	2	22.75	M1025-9B-35	0.90	0.10	----	0.50	11.00	W6x9	14.65	13.85	---	4.50	9.00	37.50	338
M1025-10	910+00 R	14.0	7.0	A	TYPE III	6.0	5.0			30.00	2	15.00	M1025-10	0.70	0.80	----	0.75	10.25	W6x9	12.45	12.55	---			25.00	225
M1025-10	925+10 L	14.0	7.0	A	TYPE III	6.0	5.0			30.00	2	15.00	M1025-10	-0.25	0.00	----	-0.13	9.38	W6x9	11.50	11.75	---			23.25	210
M1025-12	1011+00 R	14.0	7.0	A	TYPE III	6.0	5.0			30.00	2	15.00	M1025-12	0.60	0.80	----	0.70	10.20	S4x7.7	12.35	12.55	---			24.90	192
M1025-12	1040+00 L	14.0	7.0	A	TYPE III	6.0	5.0			30.00	2	15.00	M1025-12	0.30	0.30	----	0.30	9.80	S4x7.7	12.05	12.05	---	4.00	8.00	32.10	247
M1025-13	1087+50 R	14.0	7.0	A	TYPE III	6.0	5.0			30.00	2	15.00	M1025-13	0.20	0.40	----	0.30	9.80	S4x7.7	11.95	12.15	---	4.00	8.00	32.10	247
M1025-15A	1152+20 R	14.0	7.0	A	TYPE III	7.5	5.0			37.50	2	18.75	M1025-15A	0.00	0.40	----	0.20	9.70	S4x7.7	11.75	12.15	---	4.00	8.00	31.90	246

6520200 TOTAL	3947.75

6541005 TOTAL	10112

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.

SOUTH CAROLINA NOTICE OF CERTIFICATE OF AUTHORIZATION
HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 24492
DAVID H. VEGA
1/13/2020

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FED. RD. DIV. NO.	ST.-TE	COUNTY	PROJECT ID	RD./ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL.-ND	P038337	I-77	21

RICHLAND COUNTY

ITEMIZED LISTING OF ESTIMATED QUANTITIES

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

SIGN NUMBER	STATION NUMBER L=LEFT R=RIGHT	P.E.C. (FEET)	M.H. (FEET)	SOIL TYPE (G, A, P)	REFLECT-ORIZATION	NOTE (3) SIGN WIDTH - HEIGHT (FEET)		EXIT PANEL WIDTH (FEET)	EXIT PANEL AREA (SQ FT)	NOTE (4) AREA (SQ. FT.)	NO. POSTS	NOTE (1) AREA PER POST (SQ FT)	SIGN NUMBER	DISTANCE FROM REFERENCE GRADE (EDGE OF TRAVELWAY) TO GROUND LINE				NOTE (2) dH H/2+MH+L_D	POST SIZE	POST LENGTH ABOVE SLIP PLATE (H+MH+L-O.25)			STUB LENGTH	TOTAL STUB LENGTH	TOTAL LENGTH OF POST PER SIGN	LBS. OF POST STEEL PER SIGN
														POSTS			DESIGN									
														L_1	L_2	L_3	L_D= åL$_S$/ # POSTS			P_1	P_2	P_3		S	P_1 + P_2 + P_3 +S	
Q-30	675+50 MEDIAN				TYPE III	6.5	3.0			19.50						----										
R2-4a-48-60	685+25 L	20.0	5.0	A	TYPE III	4.0	8.0			32.00	2	78.75	R2-4a-48-60	1.70	2.20	----	1.95	10.95	S4x7.7	14.45	14.95	---	4.00	8.00	37.40	288
R2-4a-48-60	685+50 R	20.0	5.0	A	TYPE III	4.0	8.0			32.00	2	86.63	R2-4a-48-60	1.70	2.20	----	1.95	10.95	S4x7.7	14.45	14.95	---	4.00	8.00	37.40	288
R4-34-84	699+50 R	20.0	7.0	A	TYPE III	7.0	5.0			35.00	2	67.50	R4-34-84	0.15	0.50	----	0.33	9.83	S4x7.7	11.90	12.25	---	4.00	8.00	32.15	248
R2-4a-48-60	1066+90 L	20.0	5.0	A	TYPE III	4.0	8.0			32.00	2	52.50	R2-4a-48-60	2.10	2.50	----	2.30	11.30	W8x13	14.85	15.25	---	4.75	9.50	39.60	515

6520200 TOTAL	150.50

6541005 TOTAL	1338

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 <u>NO POST</u> <u>REQUIRED.</u>

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
HDR ENGINEERING INC. OF THE C-ROLIN-S
No. C038

SOUTH CAROLINA PROFESSIONAL ENGINEER
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FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL.-ND	P038337	I-77	2J

RICHLAND COUNTY

ITEMIZED LISTING OF ESTIMATED QUANTITIES

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

OVERHEAD STRUCTURES

OVERHEAD STRUCTURE NUMBER	STATION LOCATION	QUANTITY	TYPE	SPAN LENGTH (FT)	SUPPORTS LENGTH (FT) (GROUND TO LOWEST HORIZONTAL MEMBER) LEFT	SUPPORTS LENGTH (FT) (GROUND TO LOWEST HORIZONTAL MEMBER) RIGHT	FOOTING REQUIRED THIS BID ITEM	SIGNS SUPPORTED
OH-12	559+50 SB	1	CANT.	32.5		17.6	YES	OH-12, R4-33-84
OH-13	600+00 NB	1	CANT.	40		18.52	YES	OH-13-5
OH-14	650+00 NB	1	CANT.	35.5		24.17	YES	OH-14-5
OH-15	660+20 NB	1	CANT.	40		20.6	YES	OH-15-6A-B, R4-33-84
OH-31	738+50 SB	1	CANT.	45		19.93	YES	OH-31A-6, OH-31B-6
OH-32	765+00 NB	1	CANT.	40		21.5	YES	OH-32-9A-B, R4-33-84
OH-33	790+00 SB	1	CANT.	40		20.1	YES	OH-33-6, R4-33-84
OH-34	813+00 NB	1	CANT.	36		19.18	YES	OH-34-9A-B
OH-36	821+25 SB	1	CANT.	36		19.04	YES	OH-36-9A
OH-39	849+00 NB	1	CANT.	45		18.46	YES	OH-39-10, R4-33-84
OH-44	904+50 NB	1	CANT.	36		19.48	YES	OH-44-10, D1-2A-8 #6
OH-45	915+50 SB	1	CANT.	40		18.1	YES	OH-45-9B-A, R4-33-84
OH-46	929+20 SB	1	CANT.	38		18.09	YES	OH-46-10, D1-2a-8 #6
OH-47	950+06 NB	1	CANT.	45		18	YES	OH-47-12, R4-33-84
OH-48	1006+30 NB	1	CANT.	36		19.48	YES	OH-48-12
OH-49	1022+50 NB	1	CANT.	40		18.3	YES	OH-49-13, R4-33-84
OH-53	1054+25 SB	1	CANT.	34		20.09	YES	OH-53-12
OH-54	1068+25 SB	1	CANT.	45		19	YES	OH-54-12, R4-33-84
OH-55	1082+25 NB	1	CANT.	36		18.94	YES	OH-55-13
OH-56	1097+50 NB	1	CANT.	40		19.32	YES	OH-56-15A-B, R4-33-84
OH-58	SC 48	1	CANT.	45		21.46	YES	OH-58A, OH-58B
OH-64	979+50 SB	1	CANT.	36		19.17	YES	OH-64-10, R4-33-84
						6573100	**TOTAL**	

OVERHEAD STRUCTURES TO BE MODIFIED

OH-20	SC 48	1	CANT.	45		20.6	NO	OH-20A, OH-20B
OH-38	835+72 NB	1	CANT.	21.5		48.3	NO	OH-38-9B
						6573105	**TOTAL**	

REMOVAL OF OVERHEAD STRUCTURES

						6573115	**TOTAL**	

PANELS TO BE MOUNTED OVERHEAD

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-12	TYPE XI	14.5 X 9.5	137.75	1	137.75
OH-13-5	TYPE XI	12 X 11	132.00	1	132.00
OH-14-5	TYPE XI	15 X 9.5	142.50	1	142.50
OH-15-6A-B	TYPE XI	12 X 11.5	138.00	1	138.00
OH-16-5	TYPE XI	15 X 12	180.00	1	180.00
OH-17A	TYPE XI	15.5 X 12	186.00	1	186.00
OH-17B	TYPE XI	16 X 8	128.00	1	128.00
OH-18	TYPE XI	18.5 X 10.5	194.25	1	194.25
OH-19	TYPE XI	16 X 8	128.00	1	128.00
OH-20A	TYPE XI	14 X 10	140.00	1	140.00
OH-20B	TYPE XI	18.5 X 13	240.50	1	240.50
OH-21	TYPE XI	15.5 X 15	232.50	1	232.50
OH-22-5	TYPE XI	14 X 12	168.00	1	168.00
OH-23-6A	TYPE XI	14 X 9.5	133.00	1	133.00
OH-24A-6A	TYPE XI	15.5 X 9.5	147.25	1	147.25
OH-24B-6B	TYPE XI	13.5 X 9	121.50	1	121.50
OH-25B	TYPE XI	14 X 5.5	77.00	1	77.00
OH-25A-6B	TYPE XI	16 X 7	112.00	1	112.00
OH-26A	TYPE XI	14 X 10	140.00	1	140.00
OH-26B	TYPE XI	18.5 X 10.5	194.25	1	194.25
OH-27	TYPE XI	18.5 X 10.5	194.25	1	194.25
OH-28	TYPE XI	16 X 8	128.00	1	128.00
OH-30A	TYPE XI	15.5 X 12	186.00	1	186.00
OH-30B	TYPE XI	16 X 8	128.00	1	128.00
OH-31A-5	TYPE XI	12 X 11	132.00	1	132.00
OH-31B-6	TYPE XI	14 X 7	98.00	1	98.00
OH-32-9A-B	TYPE XI	22 X 11.5	1.76	1	1.76
OH-33-6	TYPE XI	12 X 9	0.75	1	0.75
OH-34-9A-B	TYPE XI	24.5 X 10	1.70	1	1.70
OH-35A-9B	TYPE XI	16 X 9	1.00	1	1.00
OH-35B-9A	TYPE XI	24.5 X 10.5	1.79	1	1.79
OH-36-9A	TYPE XI	22.5 X 15	2.34	1	2.34
OH-37-9A	TYPE XI	19 X 14.5	1.91	1	1.91
OH-38-9B	TYPE XI	18 X 9	1.13	1	1.13
OH-39-10	TYPE XI	17 X 9	1.06	1	1.06
OH-40	TYPE XI	16 X 8	0.89	1	0.89
OH-41A	TYPE XI	18.5 X 10.5	1.35	1	1.35
OH-41B	TYPE XI	16 X 8	0.89	1	0.89
				6520250	**TOTAL**	**3,955.32**

FLATSHEET PANELS FOR NEW AND EXISTING SIGNS

		(IN) x (IN)	(SQ. FT.)		
				6510106	**TOTAL**	

EXIT PANELS FOR OVERHEAD SIGNS

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-13-5	TYPE XI	6.5 X 2.5	16.25	1	16.25
OH-14-5	TYPE XI	6.5 X 2.5	16.25	1	16.25
OH-16-5	TYPE XI	6.5 X 2.5	16.25	1	16.25
OH-22-5	TYPE XI	6.5 X 2.5	16.25	1	16.25
OH-23-6A	TYPE XI	8.5 X 2.5	21.25	1	21.25
OH-24A-6A	TYPE XI	8.5 X 2.5	21.25	1	21.25
OH-24B-6B	TYPE XI	8 X 2.5	20.00	1	20.00
OH-25A-6B	TYPE XI	8 X 2.5	20.00	1	20.00
OH-31A-5	TYPE XI	6.5 X 2.5	16.25	1	16.25
OH-31B-6	TYPE XI	6.5 X 2.5	16.25	1	16.25
OH-32-9A-B	TYPE XI	11.5 X 2.5	28.75	1	28.75
OH-33-6	TYPE XI	6.5 X 2.5	16.25	1	16.25
OH-34-9A-B	TYPE XI	11.5 X 2.5	28.75	1	28.75
OH-35A-9B	TYPE XI	8 X 2.5	20.00	1	20.00
OH-35B-9A	TYPE XI	8.5 X 2.5	21.25	1	21.25
OH-36-9A	TYPE XI	8.5 X 2.5	21.25	1	21.25
OH-37-9A	TYPE XI	8.5 X 2.5	21.25	1	21.25
OH-38-9B	TYPE XI	8 X 2.5	20.00	1	20.00
OH-39-10	TYPE XI	7 X 2.5	17.50	1	17.50
OH-43A-9A	TYPE XI	8.5 X 2.5	21.25	1	21.25
OH-43B-9B	TYPE XI	8 X 2.5	20.00	1	20.00
OH-44-10	TYPE XI	7 X 2.5	17.50	1	17.50
OH-45-9B-A	TYPE XI	11.5 X 2.5	28.75	1	28.75
OH-46-10	TYPE XI	7 X 2.5	17.50	1	17.50
OH-47-12	TYPE XI	7 X 2.5	17.50	1	17.50
OH-48-12	TYPE XI	7 X 2.5	17.50	1	17.50
OH-49-13	TYPE XI	7 X 2.5	17.50	1	17.50
OH-53-12	TYPE XI	7 X 2.5	17.50	1	17.50
OH-54-12	TYPE XI	7 X 2.5	17.50	1	17.50
OH-55-13	TYPE XI	7 X 2.5	17.50	1	17.50
OH-56-15A-B	TYPE XI	12 X 2.5	30.00	1	30.00
OH-57-16	TYPE XI	7 X 2.5	17.50	1	17.50
OH-64-10	TYPE XI	7 X 2.5	17.50	1	17.50
			6520250	**TOTAL**	**650.00**

OVERHEAD SPANWIRE & BRIDGE MOUNTED FLAT SHEET SIGNS

			6510108	**TOTAL**	

SIGN LIGHTING SYSTEMS

BID ITEM NO.	SYSTEM NO.	SEE PLAN SHEET NO.	QUANTITY
6603200			

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD.O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL.-ND	P038337	I-77	2K

ITEMIZED LISTING OF ESTIMATED QUANTITIES

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

RICHLAND COUNTY

OVERHEAD STRUCTURES TO BE REFURBISHED

OVERHEAD STRUCTURE NUMBER	STATION LOCATION	QUANTITY	TYPE	SPAN LENGTH (FT)	SUPPORTS LENGTH (FT) (GROUND TO LOWEST HORIZONTAL MEMBER) LEFT	SUPPORTS LENGTH (FT) (GROUND TO LOWEST HORIZONTAL MEMBER) RIGHT	FOOTING REQUIRED THIS BID ITEM	SIGNS SUPPORTED
OH-16	680+50 SB	1	CANT.	30.5		17.9	NO	OH-16-5
OH-17	SC 48	1	CANT.	45		19.41	NO	OH-17A, OH-17B
OH-18	SC 48	1	BRIDGE MOUNT				NO	OH-18
OH-19	SC 48	1	BRIDGE MOUNT				NO	OH-19
OH-21	SC 48	1	CANT.	43		16	NO	OH-21
OH-22	692+50 SB	1	CANT.	45		20.2	NO	OH-22-5, R4-34-84
OH-23	692+50 NB	1	CANT.	45		20.2	NO	OH-23-6A
OH-24	707+00 NB	1	CANT.	45		19.2	NO	OH-24-6A, OH-24-6B
OH-25	732+00 NB	1	CANT.	34		20.8	NO	OH-25B, OH-25-6B
OH-26	SC 768	1	CANT.	45		18	NO	OH-26A, OH-26B
OH-27	SC 768	1	CANT.	33		19.7	NO	OH-27
OH-28	SC 768	1	CANT.	29		18.8	NO	OH-28
OH-30	SC 768	1	CANT.	39		18.6	NO	OH-30A, OH-30B
OH-35	818+50 NB	1	CANT.	45		19.5	NO	OH-35-9B, OH-35B-9A
OH-37	831+00 SB	1	CANT.	31.5		18.4	NO	OH-37-9A
OH-40	US 378	1	CANT.	28		16.6	NO	OH-40
OH-41	US 378	1	SGN BRG	146	15.8	17.9	NO	OH-41A, OH-41B
OH-42	US 378	1	CANT.	45		21	NO	OH-42A, OH-42B
OH-43	863+00 SB	1	CANT.	45		20	NO	OH-43A-9A, OH-43B-9B
OH-50	FOREST DRIVE	1	SGN BRG	77.5	16.7	20.8	NO	OH-50A, OH-50B
OH-51	FOREST DRIVE	1	SGN BRG	145.5	20.5	21	NO	OH-51A, OH-51B
OH-52	FOREST DRIVE	1	SGN BRG	141.5	15.5	16.8	NO	OH-52A, OH-52B
OH-57	1118+80 NB	1	BRIDGE MOUNT				NO	OH-57-16
OH-59	SC 12	1	CANT.	43		19.4	NO	OH-59A, OH-59B
OH-60	SC 12	1	CANT.	45		20.3	NO	OH-60A, OH-60B
OH-FS-3	FOREST DR	1	SGN BRG	105	19.6	20	NO	OH-FS-3
OH-FS-4	FOREST DR	1	SPAN WIRE	108	18.9	18.7	NO	OH-FS-4
OH-SW-5	US 76/378	1	SPAN WIRE	138	19.3	19.8	NO	OH-FS-5A
					6573105		TOTAL	

OVERHEAD STRUCTURES TO BE MODIFIED

					6573105		TOTAL	

REMOVAL OF OVERHEAD STRUCTURES

					6573115		TOTAL	

PANELS TO BE MOUNTED OVERHEAD

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-42A	TYPE XI	17.5 X 10	175.00	1	175.00
OH-42B	TYPE XI	17.5 X 10.5	183.75	1	183.75
OH-43A-9A	TYPE XI	19 X 14	266.00	1	266.00
OH-43B-9B	TYPE XI	22.5 X 12	270.00	1	270.00
OH-44-10	TYPE XI	20 X 7.5	150.00	1	150.00
OH-45-9B-A	TYPE XI	21.5 X 11.5	247.25	1	247.25
OH-46-10	TYPE XI	20 X 7.5	150.00	1	150.00
OH-47-12	TYPE XI	27 X 12	324.00	1	324.00
OH-48-12	TYPE XI	29 X 8.5	246.50	1	246.50
OH-49-13	TYPE XI	15.5 X 5.5	85.25	1	85.25
OH-50A	TYPE XI	14 X 10	140.00	1	140.00
OH-50B	TYPE XI	16 X 8	128.00	1	128.00
OH-51A	TYPE XI	15 X 10	150.00	1	150.00
OH-51B	TYPE XI	16.5 X 8	132.00	1	132.00
OH-52A	TYPE XI	13.5 X 10	135.00	1	135.00
OH-52B	TYPE XI	14 X 10	140.00	1	140.00
OH-53-12	TYPE XI	29 X 8.5	246.50	1	246.50
OH-54-12	TYPE XI	27 X 12	324.00	1	324.00
OH-55-13	TYPE XI	13 X 6	78.00	1	78.00
OH-56-15A-B	TYPE XI	15 X 9	135.00	1	135.00
OH-57-16	TYPE XI	11.5 X 12	138.00	1	138.00
OH-59A	TYPE XI	14 X 10	140.00	1	140.00
OH-59B	TYPE XI	16 X 8	128.00	1	128.00
OH-60A	TYPE XI	16 X 8	128.00	1	128.00
OH-60B	TYPE XI	14 X 10	140.00	1	140.00
OH-64-10	TYPE XI	17 X 9	153.00	1	153.00
OH-58A	TYPE XI	13 X 10	130.00	1	130.00
OH-58B	TYPE XI	16 X 12.5	200.00	1	200.00
R4-33-84	TYPE XI	7 X 5	35.00	10	350.00
R4-34-84	TYPE XI	7 X 5	35.00	1	35.00
			6520250	TOTAL	5,248.25

FLATSHEET PANELS FOR NEW AND EXISTING SIGNS

	(IN) x (IN)	(SQ. FT.)			
		6510106	TOTAL		

EXIT PANELS FOR OVERHEAD SIGNS

SIGN NUMBER MOUNTED ON CORRESPONDING STRUCTURE NO.	SIGN SURFACE TYPE	SIGN SIZE WIDTH x HEIGHT (FEET)	AREA (SQ. FT.)	QUANTITY	TOTAL AREA (SQ. FT.)
			6520250	TOTAL	

OVERHEAD SPANWIRE & BRIDGE MOUNTED FLAT SHEET SIGNS

OHB-MI-5-78-768	TYPE XI	5 X 1.25	6.25	2	12.50
W12-2P-78	TYPE XI	6.5 X 1.25	8.13	8	65.00
OH-FS-3	TYPE XI	6 X 4	24.00	1	24.00
OH-FS-4	TYPE XI	8 X 4	32.00	1	32.00
OH-FS-5A	TYPE XI	13 X 4	52.00	1	52.00
OH-FS-5B	TYPE XI	3 X 4	12.00	1	12.00
OH-W3-3A-5-108	TYPE XI	9 X 4	36.00	1	36.00
R4-33-84	TYPE XI	7 X 5	35.00	1	35.00
		6510108	TOTAL		268.50

SIGN LIGHTING SYSTEMS

BID ITEM NO.	SYSTEM NO.	SEE PLAN SHEET NO.	QUANTITY
6603200			

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN4

ENCAPSULATED LENS, FLAT SHEET SIGNS SIZE DETERMINED BY MESSAGE

D1-1-8

PROJECT: I-77 RESIGNING
Project ID: P038337
Reflec. Type: III

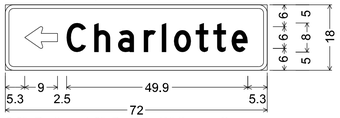
SCDOT

THE LISTING D1-1-8 SIGNS SHOWING MESSAGES AND LENGTHS
(SERIES D LETTERS AND NUMERALS TO BE USED ON ALL SIGNS)

(SIGNS TO BE VARIABLE X 18" ON 0.080 FLAT SHEET FOR LENGTHS OF 5'-0" OR LESS:
LENGTHS OF 5'-6" AND UP WILL BE ON 0.100 FLAT SHEET)

6'-0"

*5, 6, 15, 16, 21, 22, 25, 26

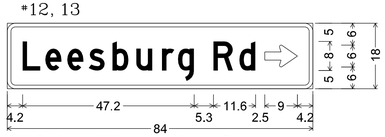


2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°;
[Charlotte] D;
Table of distances between letter and object lefts.

5.3	⇦										
	11.5	C 7.6	h 6.6	a 7.1	r 4.9	l 3.4	o 5.9	t 4.9	t 5.0	e 4.5	5.3

7'-0"

*12, 13

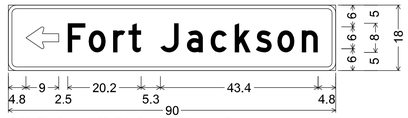


2.3" Radius, 1.0" Border, White on Green;
[Leesburg] D; [Rd] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

4.2	L 6.3	e 6.0	e 5.9	s 6.5	b 6.6	u 7.0	r 4.4	g 9.8	R 7.1	d	
	7.0	⇨ 9.0	4.2								

7'-6"

*14

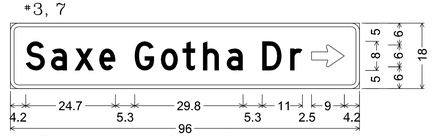


2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°; [Fort] D;
[Jackson] D;
Table of distances between letter and object lefts.

4.8	⇦ 11.5	F 5.8	o 6.7	r 4.2	t						
	8.8	J 7.3	a 6.5	c 6.6	k 5.8	s 6.0	o 6.7	n 4.5	4.8		

8'-0"

*3, 7

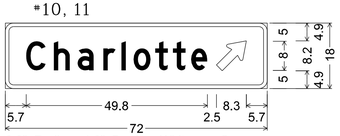


2.3" Radius, 1.0" Border, White on Green;
[Saxe] D; [Gotha] D; [Dr] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

4.2	S 7.0	a 6.4	x 6.8	e 9.8	G 7.2	o 5.9	t 5.7	h 6.5	a 9.8	D 7.6	r 5.9	⇨ 9.0	4.2	

6'-0"

*10, 11

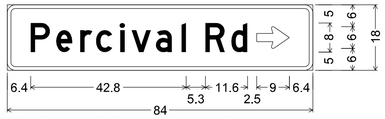


2.3" Radius, 1.0" Border, White on Green;
[Charlotte] D;
Standard Arrow Custom 10.5" X 6.0" 45°;
Table of distances between letter and object lefts.

5.7	C 7.6	h 6.6	a 7.0	r 5.0	l 3.4	o 5.9	t 4.9	t 5.0	e	
	6.9	⇗ 8.3	5.7							

7'-0"

*19

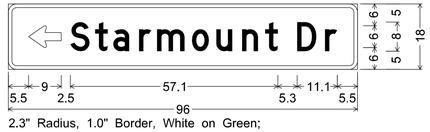


2.3" Radius, 1.0" Border, White on Green;
[Percival] D; [Rd] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

6.4	P 7.0	e 6.6	r 4.4	c 6.6	i 3.2	v 6.7	a 7.0	l 6.6	R 7.1	d	
	7.0	⇨ 9.0	6.4								

8'-0"

*2

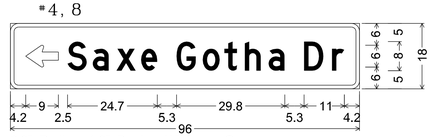


2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°;
[Starmount] D; [Dr] D;
Table of distances between letter and object lefts.

5.5	⇦ 11.5	S 6.9	t 5.0	a 7.0	r 5.0	m 9.6	o 6.7	u 7.1	n 6.3	t 8.8	D 7.7	r 3.4	5.5	

8'-0"

*4, 8

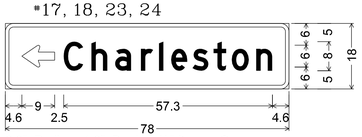


2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°; [Saxe] D;
[Gotha] D; [Dr] D;
Table of distances between letter and object lefts.

4.2	⇦ 11.5	S 7.0	a 6.4	x 6.8	e 9.8	G 7.2	o 5.9	t 5.7	h 6.5	a 9.8	D 7.6	r 3.4	4.2	

6'-6"

*17, 18, 23, 24

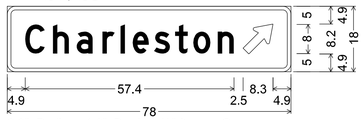


2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°;
[Charleston] D;
Table of distances between letter and object lefts.

4.6	⇦										
	11.5	C 7.6	h 6.5	a 7.1	r 4.9	l 3.4	e 5.9	s 5.8	t 5.0	o 6.7	n 4.4	4.6

6'-6"

*27, 28

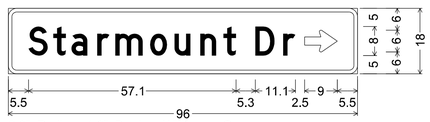


2.3" Radius, 1.0" Border, White on Green;
[Charleston] D;
Standard Arrow Custom 10.5" X 6.0" 45°;
Table of distances between letter and object lefts.

4.9	C 7.7	h 6.5	a 7.1	r 4.9	l 3.4	e 5.9	s 5.7	t 5.1	o 6.7	n
	6.9	⇗ 8.3	4.9							

8'-0"

*1



2.3" Radius, 1.0" Border, White on Green;
[Starmount] D; [Dr] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

5.5	S 6.9	t 5.0	a 7.0	r 5.0	m 9.6	o 6.7	u 7.1	n 6.3	t 8.8	D 7.7	r 5.9	⇨ 9.0	5.5	

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
HDR ENGINEERING INC. OF THE CAROLINAS No. C038

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 24492
JOHN H. YEISER
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

D SIGN DESIGN

I-77 DWG. NO. SN4

1/10/2020
c:\pwworking\east0\\d88653\SHT SN04_D Sign design.dgn

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN4A

ENCAPSULATED LENS, FLAT SHEET SIGNS SIZE DETERMINED BY MESSAGE

D2–1–8

PROJECT: I-77 RESIGNING
Project ID: P038337
Reflec. Type: III

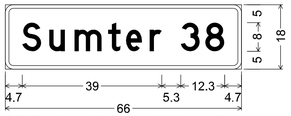
SCDOT

THE LISTING D2-1-8 SIGNS SHOWING MESSAGES AND LENGTHS
(SERIES D LETTERS AND NUMERALS TO BE USED ON ALL SIGNS)

(SIGNS TO BE VARIABLE X 18" ON 0.080 FLAT SHEET FOR LENGTHS OF 5'-0" OR LESS:
LENGTHS OF 5'-6" AND UP WILL BE ON 0.100 FLAT SHEET)

5'-6"

#3

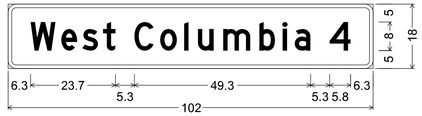


2.3" Radius, 1.0" Border, White on Green;
[Sumter] D; [38] D;
Table of distances between letter and object lefts.

	S	u	m	t	e	r	3	8	
4.7	7.6	7.0	9.4	5.0	6.6	8.7	6.9	5.4	4.7

8'-6"

#5

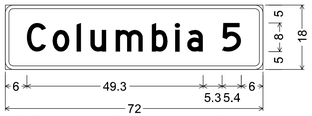


2.3" Radius, 1.0" Border, White on Green;
[West] D; [Columbia] D; [4] D;
Table of distances between letter and object lefts.

	W	e	s	t	C	o	l	u	m	b	i	a	4	
6.3	8.5	5.9	5.8	8.8	7.2	6.7	3.9	7.0	10.1	6.6	3.3	9.8	5.8	6.3

6'-0"

#2



2.3" Radius, 1.0" Border, White on Green;
[Columbia] D; [5] D;
Table of distances between letter and object lefts.

	C	o	l	u	m	b	i	a	5	
6.0	7.3	6.6	3.9	7.0	10.1	6.6	3.4	9.8	5.3	6.0

11'-6"

#1



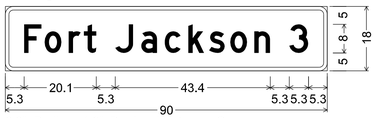
2.3" Radius, 1.0" Border, White on Green;
[State] D; [Farmers] D; [Market] D; [2] D;
Table of distances between letter and object lefts.

	S	t	a	t	e	F	a	r	m	e	r	s	M	a	r	k	e	t	
5.3	6.8	5.0	6.4	5.0	9.7	5.8	7.0	5.0	9.6	6.6	4.2	9.8	8.5	7.1	4.9	6.0	5.9		

	2	
8.7	5.4	5.3

7'-6"

#4

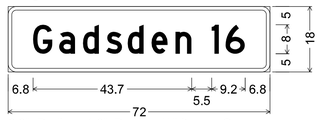


2.3" Radius, 1.0" Border, White on Green;
[Fort] D; [Jackson] D; [3] D;
Table of distances between letter and object lefts.

	F	o	r	t	J	a	c	k	s	o	n	3	
5.3	5.7	6.7	4.3	8.7	7.3	6.6	6.6	5.7	6.0	6.7	9.8	5.3	5.3

6'-0"

#6



2.3" Radius, 1.0" Border, White on Green;
[Gadsden] D; [16] D;
Table of distances between letter and object lefts.

	G	a	d	s	d	e	n	1	6	
6.8	7.2	6.6	6.3	6.0	6.5	6.6	10.0	3.8	5.4	6.8

ENCAPSULATED LENS, FLAT SHEET SIGNS SIZE DETERMINED BY MESSAGE

D1–2–8

PROJECT: I-77 SIGNING
Project ID: P027350
Reflec. Type: III

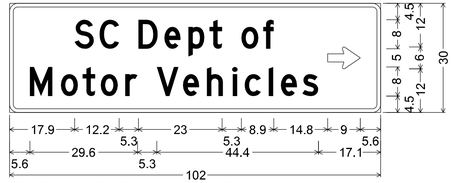
SCDOT

THE LISTING D1-2-8 SIGNS SHOWING MESSAGES AND LENGTHS
(SERIES D LETTERS AND NUMERALS TO BE USED ON ALL SIGNS)

(SIGNS TO BE VARIABLE X 30" ON 0.080 FLAT SHEET FOR LENGTHS OF 5'-0" OR LESS:
LENGTHS OF 5'-6" AND UP WILL BE ON 0.100 FLAT SHEET)

8'-6"

#61



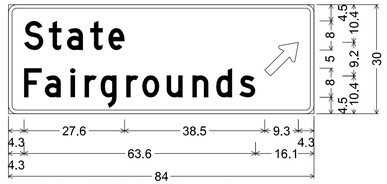
2.3" Radius, 1.0" Border, White on Green;
[SC] D; [Dept] D; [of] D; [Motor] D; [Vehicles] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

	S	C	D	e	p	t	o	f	⇨	
17.9	6.8	10.7	7.2	6.5	5.8	8.8	6.0	17.7	9.0	5.6

	M	o	t	o	r	V	e	h	i	c	l	e	s	
5.6	8.5	6.0	5.0	6.7	8.7	7.2	6.6	7.0	3.4	6.5	3.4	5.9	4.4	17.1

7'-0"

#20



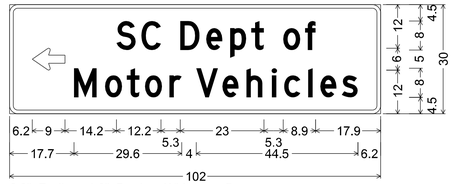
2.3" Radius, 1.0" Border, White on Green;
[State] D; [Fairgrounds] D;
Standard Arrow Custom 12.0" X 6.0" 45°;
Table of distances between letter and object lefts.

	S	t	a	t	e	⇗	
4.3	6.8	5.0	6.4	5.0	42.9	9.3	4.3

	F	a	i	r	g	r	o	u	n	d	s	
4.3	5.7	7.1	3.8	4.4	7.1	4.4	6.7	7.1	6.5	6.4	4.4	16.1

8'-6"

#65



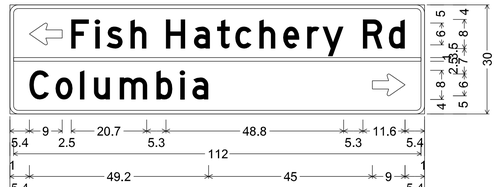
2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°; [SC] D;
[Dept] D; [of] D; [Motor] D; [Vehicles] D;
Table of distances between letter and object lefts.

	⇦	S	C	D	e	p	t	o	f	
6.2	23.2	6.8	10.7	7.2	6.5	5.8	8.8	6.0	2.9	17.9

	M	o	t	o	r	V	e	h	i	c	l	e	s	
17.7	8.5	6.0	5.0	6.7	7.4	7.2	6.6	7.1	3.3	6.6	3.3	5.9	4.5	6.2

9'-6"

#2



2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°; [Fish] D; [Hatchery] D;
[Rd] D; [Columbia] D; Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

	⇦	F	i	s	h	H	a	t	c	h	e	r	y
5.4	11.5	6.5	3.2	6.5	9.8	7.7	6.4	5.0	6.6	6.5	6.6	4.3	

	R	d	
11.0	7.2	4.4	5.4

1.0	112.0	1.0

	C	o	l	u	m	b	i	a	⇨	
5.4	7.1	6.8	3.8	7.1	10.1	6.5	3.4	49.4	9.0	5.4

1/10/2020
c:\pwworking\east01\d188653\SHT SN04A_D Sign design.dgn

HDR ENGINEERING INC.
OF THE CAROLINAS

1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE CAROLINAS No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER — No. 24492 — DAVID H. GILL — REGISTERED — 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

D SIGN DESIGN

I-77 — DWG. NO. SN4A

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN4B

ENCAPSULATED LENS, FLAT SHEET SIGNS SIZE DETERMINED BY MESSAGE

D1-2-8

PROJECT: I-77 RESIGNING
Project ID: P038337
Reflec. Type: III

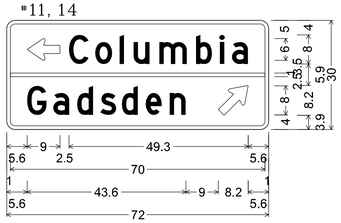
SCDOT

THE LISTING D1-2-8 SIGNS SHOWING MESSAGES AND LENGTHS
(SERIES D LETTERS AND NUMERALS TO BE USED ON ALL SIGNS)

(SIGNS TO BE VARIABLE X 30" ON 0.080 FLAT SHEET FOR LENGTHS OF 5'-0" OR LESS:
LENGTHS OF 5'-6" AND UP WILL BE ON 0.100 FLAT SHEET)

6'-0"

*11, 14

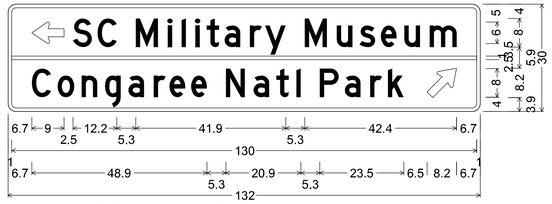


2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°;
[Columbia] D; [Gadsden] D;
Standard Arrow Custom 10.5" X 6.0" 45°;
Table of distances between letter and object lefts.

5.6	⇦ 11.5	C 7.2	o 6.7	l 3.9	u 7.0	m 10.1	b 6.6	i 3.3	a 4.5	5.6	
1.0	— 70.0	1.0									
	G 5.6	a 7.2	d 6.5	s 6.4	d 5.9	e 6.6	n 6.6	⇗ 13.4	8.2	5.6	

11'-0"

*15

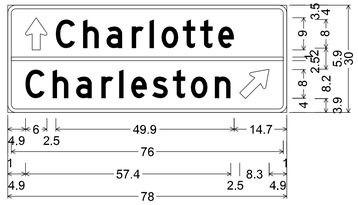


2.3" Radius, 1.0" Border, White on Brown;
Standard Arrow Custom 9.0" X 6.0" 180°; [SC] D; [Military] D; [Museum] D;
[Congaree] D; [Natl] D; [Park] D; Standard Arrow Custom 10.5" X 6.0" 45°;
Table of distances between letter and object lefts.

6.7	⇦ 11.5	S 6.8	C 10.7	M 9.0	i 3.8	l 3.9	i 3.1	t 5.0	a 7.1	r 4.2	y 11.1	M 9.0	u 6.3	s 6.0	e 6.6	u 7.0	m 7.5	6.7			
1.0	— 130.0	1.0																			
	C 6.7	o 7.1	n 6.8	g 6.5	a 6.5	r 7.1	e 4.4	e 6.0	N 9.8	a 7.7	t 6.4	l 5.6	P 6.5	a 7.0	r 7.1	k 5.0	10.9	⇗ 8.2	6.7		

6'-6"

*35, 38, 48

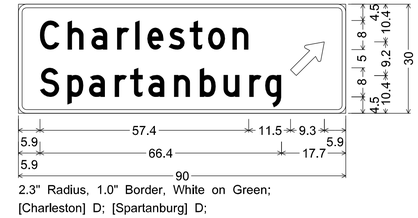


2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90°;
[Charlotte] D; [Charleston] D;
Standard Arrow Custom 10.5" X 6.0" 45°;
Table of distances between letter and object lefts.

4.9	⇧ 8.5	C 7.7	h 6.5	a 7.1	r 4.9	l 3.4	o 5.9	t 4.9	t 5.0	e 4.5	14.7	
1.0	— 76.0	1.0										
	C 4.9	h 7.7	a 6.5	r 7.1	l 4.9	e 3.4	s 5.9	t 5.7	o 5.1	n 6.7		
		6.9	⇗ 8.3	4.9								

7'-6"

*12, 19, 30, 31

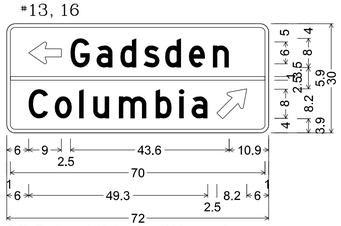


2.3" Radius, 1.0" Border, White on Green;
[Charleston] D; [Spartanburg] D;
Standard Arrow Custom 12.0" X 6.0" 45°;
Table of distances between letter and object lefts.

	C 5.9	h 7.6	a 6.6	r 7.0	l 5.0	e 3.3	s 5.9	t 5.8	o 5.0	n 6.7	⇗ 16.0	9.3	5.9
	S 5.9	p 7.6	a 5.9	r 7.1	t 4.2	a 5.0	n 7.1	b 6.5	u 7.1	r 4.4	g 4.4	17.7	

6'-0"

*13, 16

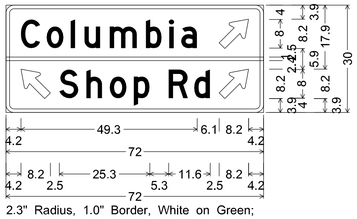


2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°;
[Gadsden] D; [Columbia] D;
Standard Arrow Custom 10.5" X 6.0" 45°;
Table of distances between letter and object lefts.

6.0	⇦ 11.5	G 7.2	a 6.5	d 6.4	s 5.9	d 6.6	e 6.6	n 4.4	10.9		
1.0	— 70.0	1.0									
6.0	C 7.2	o 6.7	l 3.9	u 7.0	m 10.1	b 6.6	i 3.3	a 7.0	⇗ 8.2	6.0	

6'-0"

*21, 22

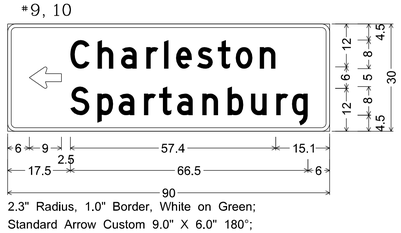


2.3" Radius, 1.0" Border, White on Green;
[Columbia] D;
Standard Arrow Custom 10.5" X 6.0" 45°;
Standard Arrow Custom 10.5" X 6.0" 135°;
[Shop] D; [Rd] D;
Standard Arrow Custom 10.5" X 6.0" 45°;
Table of distances between letter and object lefts.

4.2	C 7.2	o 6.7	l 3.9	u 7.0	m 10.1	b 6.6	i 3.3	a	
		10.6	⇗ 8.2	4.2					
-0.0	— 72.0	0.0							
4.2	⇖ 10.7	S 7.6	h 6.5	o 6.7	p 9.8	R 7.1	d 7.0	⇗ 8.2	4.2

7'-6"

*9, 10

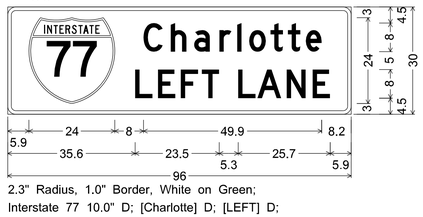


2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°;
[Charleston] D; [Spartanburg] D;
Table of distances between letter and object lefts.

6.0	⇦ 11.5	C 7.7	h 6.5	a 7.1	r 4.9	l 3.4	e 5.9	s 5.7	t 5.1	o 6.7	n 4.4	15.1
17.5	S 7.6	p 5.9	a 7.1	r 4.3	t 5.0	a 7.0	n 7.1	b 6.5	u 7.1	r 4.4	g 4.5	6.0

8'-0"

*36

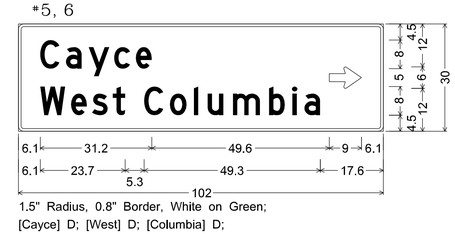


2.3" Radius, 1.0" Border, White on Green;
Interstate 77 10.0" D; [Charlotte] D; [LEFT] D;
[LANE] D;
Table of distances between letter and object lefts.

5.9	⛨ 32.0	C 7.6	h 6.6	a 7.1	r 4.9	l 3.4	o 5.9	t 4.9	t 5.0	e 4.5	8.2
35.6	L 6.4	E 6.4	F 5.8	T 10.2	L 5.4	A 8.2	N 7.2	E 4.9	5.9		

8'-6"

*5, 6



1.5" Radius, 0.8" Border, White on Green;
[Cayce] D; [West] D; [Columbia] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

	C 6.1	a 7.2	y 6.3	c 7.2	e 6.0	⇨ 54.1	9.0	6.1					
	W 6.1	e 8.6	s 5.9	t 5.8	C 8.7	o 7.2	l 6.7	u 3.9	m 7.1	b 10.1	i 6.5	a 3.3	4.5	17.6

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE CAROLINAS No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — DAVID H. KEENE — 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

D SIGN DESIGN

I-77 — DWG. NO. SN4B

1/10/2020
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DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN4C

ENCAPSULATED LENS, FLAT SHEET SIGNS SIZE DETERMINED BY MESSAGE

D1-2-8

PROJECT: I-77 RESIGNING
Project ID: P038337
Reflec. Type: III

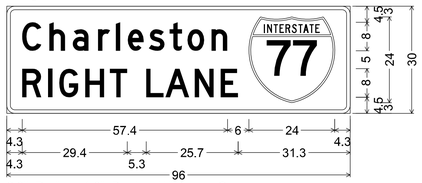
SCDOT

THE LISTING D1-2-8 SIGNS SHOWING MESSAGES AND LENGTHS
(SERIES D LETTERS AND NUMERALS TO BE USED ON ALL SIGNS)

(SIGNS TO BE VARIABLE X 30" ON 0.080 FLAT SHEET FOR LENGTHS OF 5'-0" OR LESS: LENGTHS OF 5'-6" AND UP WILL BE ON 0.100 FLAT SHEET)

8'-0"

*37

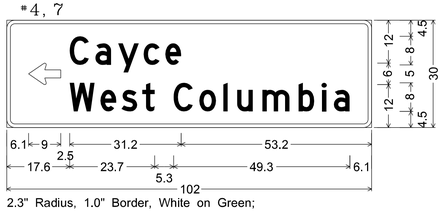


2.3" Radius, 1.0" Border, White on Green;
[Charleston] D; [RIGHT] D; [LANE] D;
Interstate 77 10.0" D;
Table of distances between letter and object lefts.

	C	h	a	r	l	e	s	t	o	n	77			
4.3	7.6	6.6	7.0	5.0	3.3	5.9	5.8	5.0	6.7	10.5	24.0	4.3		
	R	I	G	H	T	L	A	N	E					
4.3	7.3	3.1	7.2	6.9	10.2	5.4	8.1	7.3	4.9	31.3				

8'-6"

*4, 7

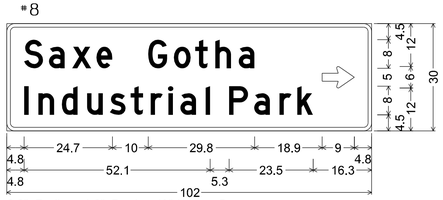


2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°; [Cayce] D;
[West] D; [Columbia] D;
Table of distances between letter and object lefts.

6.1	⇦ 11.5	C 7.2	a 6.3	y 7.2	c 6.0	e 4.5	53.2
17.6	W 8.6	e 5.9	s 5.8	t 8.7	C 7.2	o 6.7	l 3.9	u 7.1	m 10.1	b 6.5	i 3.3	a 4.5	6.1

8'-6"

*8

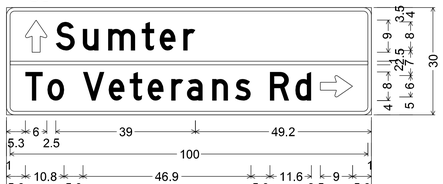


2.3" Radius, 1.0" Border, White on Green;
[Saxe Gotha] D; [Industrial] D; [Park] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

4.8	S 7.0	a 6.5	x 6.8	e 14.4	G 7.2	o 6.0	t 5.6	h 6.5	a 23.4	⇨ 9.0	4.8	
4.8	I 4.1	n 6.5	d 7.1	u 6.3	s 5.8	t 5.6	r 5.0	i 3.3	a 7.1	l		
	P 6.6	a 7.0	r 7.0	k 5.0	4.5	16.3						

8'-6"

*33

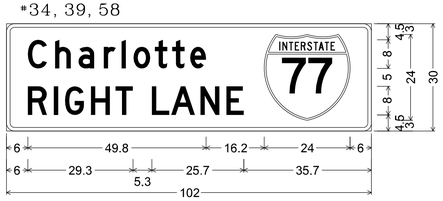


2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90°; [Sumter] D;
[To] D; [Veterans] D; [Rd] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

5.3	⇧ 8.5	S 7.5	u 7.1	m 9.4	t 5.0	e 6.6	r 3.4	49.2			
1.0	100.0	1.0									
5.3	T 6.1	o 10.0	V 7.2	e 5.8	t 5.0	e 6.6	r 4.4	a 7.1	n 6.4	s 9.7	R 7.2	d 6.9	⇨ 9.0	5.3

8'-6"

*34, 39, 58



2.3" Radius, 1.0" Border, White on Green;
[Charlotte] D; [RIGHT] D; [LANE] D; Interstate 77 10.0" D;
Table of distances between letter and object lefts.

6.0	C 7.6	h 6.5	a 7.1	r 5.0	l 3.3	o 6.0	t 4.8	t 5.0	e 20.7	77 24.0	6.0			
6.0	R 7.2	I 3.1	G 7.3	H 6.9	T 10.1	L 5.4	A 8.2	N 7.3	E 4.8	35.7				

8'-0"

*40, 49

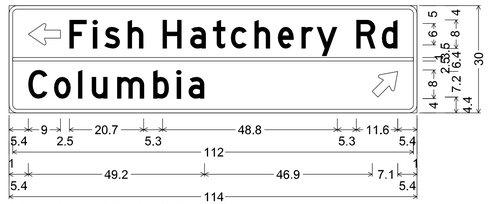


2.3" Radius, 1.0" Border, White on Green;
Interstate 77 10.0" D; [Charleston] D; [LEFT] D;
[LANE] D;
Table of distances between letter and object lefts.

4.4	77 29.9	C 7.6	h 6.5	a 7.1	r 4.9	l 3.4	e 5.9	s 5.8	t 5.0	o 6.7	n 4.4	4.4		
35.7	L 6.4	E 6.4	F 5.8	T 10.2	L 5.4	A 8.2	N 7.2	E 4.9	5.8					

9'-6"

*1

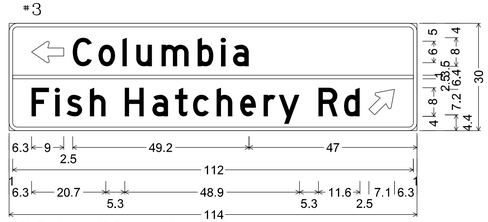


2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°; [Fish] D; [Hatchery] D;
[Rd] D; [Columbia] D; Standard Arrow Custom 9.0" X 6.0" 45°;
Table of distances between letter and object lefts.

5.4	⇦ 11.5	F 6.5	i 3.2	s 6.5	h 9.8	H 7.7	a 6.4	t 5.0	c 6.6	h 6.5	e 6.6	r 4.3	y	
	R 11.0	d 7.2	4.4	5.4										
1.0	112.0	1.0												
5.4	C 7.1	o 6.8	l 3.8	u 7.1	m 10.1	b 6.5	i 3.4	a 51.3	⇗ 7.1	5.4				

9'-6"

*3

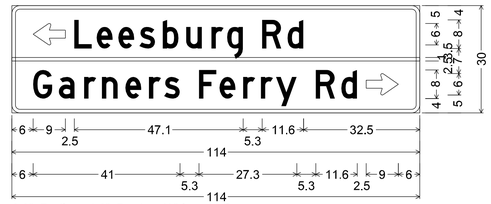


2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°; [Columbia] D; [Fish] D;
[Hatchery] D; [Rd] D; Standard Arrow Custom 9.0" X 6.0" 45°;
Table of distances between letter and object lefts.

6.3	⇦ 11.5	C 7.2	o 6.7	l 3.8	u 7.1	m 10.1	b 6.5	i 3.4	a 4.4	47.0				
1.0	112.0	1.0												
6.3	F 6.6	i 3.1	s 6.6	h 9.7	H 7.7	a 6.4	t 5.0	c 6.6	h 6.5	e 6.6	r 4.3	y 11.1	R 7.1	d 7.0	⇗ 7.1	6.3

9'-6"

*28, 29

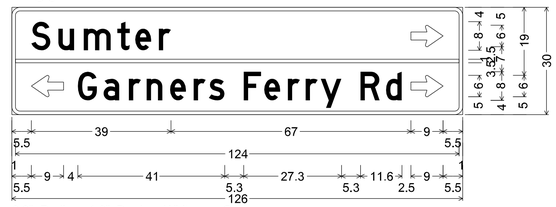


2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°; [Leesburg] D; [Rd] D;
[Garners] D; [Ferry] D; [Rd] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

6.0	⇦ 11.5	L 6.2	e 6.1	e 5.8	s 6.6	b 6.5	u 7.1	r 4.4	g 9.7	R 7.2	d 4.4	32.5		
-0.0	114.0	0.0												
6.0	G 7.1	a 7.1	r 5.0	n 6.5	e 6.6	r 4.3	s 9.7	F 5.7	e 6.6	r 5.0	r 4.3	y 11.0	R 7.2	d
	6.9	⇨ 9.0	6.0											

10'-6"

*32



2.3" Radius, 1.0" Border, White on Green;
[Sumter] D; Standard Arrow Custom 9.0" X 6.0" 0°;
Standard Arrow Custom 9.0" X 6.0" 180°; [Garners] D; [Ferry] D; [Rd] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

5.5	S 7.5	u 7.1	m 9.4	t 5.0	e 6.6	r 70.4	⇨ 9.0	5.5						
1.0	124.0	1.0												
5.5	⇦ 13.0	G 7.1	a 7.1	r 5.0	n 6.5	e 6.6	r 4.3	s 9.7	F 5.7	e 6.6	r 5.0	r 4.3	y 11.0	R 7.2	d 6.9	⇨ 9.0	5.5

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
HDR ENGINEERING INC. OF THE CAROLINAS No. C038

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 24492
DAVID H. PEELE
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

D SIGN DESIGN

I-77 DWG. NO. SN4

1/10/2020
c:\pwworking\eastOl\d0886533\SHT SN04C.D Sign design.dgn

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN4D

ENCAPSULATED LENS, FLAT SHEET SIGNS SIZE DETERMINED BY MESSAGE

D1–2–8

PROJECT: I-77 RESIGNING
Project ID: P038337
Reflec. Type: III

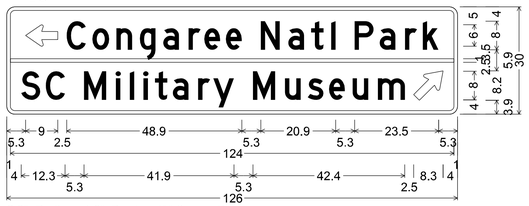
SCDOT

THE LISTING D1-2-8 SIGNS SHOWING MESSAGES AND LENGTHS
(SERIES D LETTERS AND NUMERALS TO BE USED ON ALL SIGNS)

(SIGNS TO BE VARIABLE X 30" ON 0.080 FLAT SHEET FOR LENGTHS OF 5'-0" OR LESS:
LENGTHS OF 5'-6" AND UP WILL BE ON 0.100 FLAT SHEET)

10'-6"

*18



2.3" Radius, 1.0" Border, White on Brown;
Standard Arrow Custom 9.0" X 6.0" 180°; [Congaree] D; [Natl] D;
[Park] D; [SC] D; [Military] D; [Museum] D;
Standard Arrow Custom 10.5" X 6.0" 45°;
Table of distances between letter and object lefts.

	⇦	C	o	n	g	a	r	e	e	N	a	t	l	P	a	r	k	
5.3	11.5	7.1	6.8	6.5	6.5	7.1	4.4	6.0	9.8	7.7	6.4	5.6	6.5	7.0	7.1	5.0	4.4	5.3

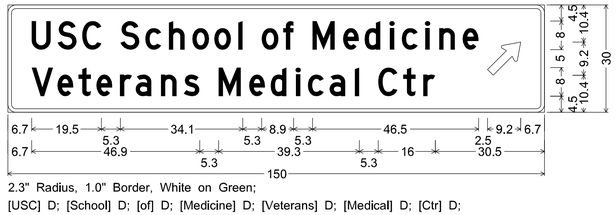
1.0	124.0	1.0

	S	C	M	i	l	i	t	a	r	y	M	u	s	e	u	m	
4.0	6.9	10.7	8.9	3.9	3.9	3.1	5.0	7.1	4.2	11.1	9.0	6.3	6.0	6.6	7.0		

	10.0	⇗ 8.3	4.0

12'-6"

*25, 26, 27



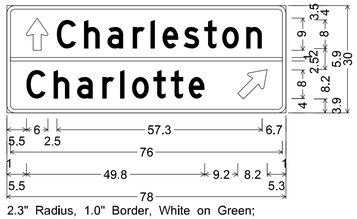
2.3" Radius, 1.0" Border, White on Green;
[USC] D; [School] D; [of] D; [Medicine] D; [Veterans] D; [Medical] D; [Ctr] D;
Standard Arrow Custom 12.0" X 6.0" 45°;
Table of distances between letter and object lefts.

	U	S	C	S	c	h	o	o	l	o	f	M	e	d	i	c	i	n	e		
6.7	7.2	6.9	10.7	6.9	6.6	6.5	6.2	6.7	6.5	6.1	8.1	8.6	6.0	7.1	3.3	6.6	3.9	6.5	7.0	9.2	6.7

	V	e	t	e	r	a	n	s	M	e	d	i	c	a	l	C	t	r		
6.7	7.1	5.9	5.0	6.6	4.4	7.1	6.3	9.8	8.5	6.1	7.0	3.4	6.0	7.1	6.5	7.0	5.6	3.4	30.5	

6'-6"

*41, 64



2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90°;
[Charleston] D; [Charlotte] D;
Standard Arrow Custom 10.5" X 6.0" 45°;
Table of distances between letter and object lefts.

	⇧																		
5.5		C	h	a	r	l	e	s	t	o	n								
	8.5	7.6	6.5	7.1	4.9	3.4	5.9	5.8	5.0	6.7	4.4	6.7							

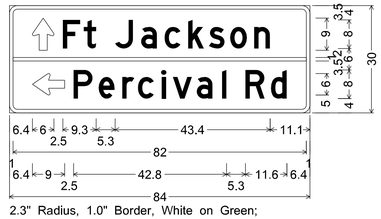
1.0	76.0	1.0

	C	h	a	r	l	o	t	t	e										
5.5	7.6	6.5	7.1	4.9	3.4	5.9	4.9	5.0											

	13.7	⇗ 8.2	5.3

7'-0"

*47



2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90°; [Ft] D;
[Jackson] D;
Standard Arrow Custom 9.0" X 6.0" 180°;
[Percival] D; [Rd] D;
Table of distances between letter and object lefts.

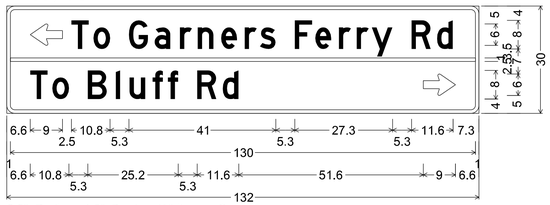
	⇧	F	t	J	a	c	k	s	o	n		
6.4	8.5	5.9	8.7	7.3	6.6	6.6	5.8	5.9	6.7	4.5	11.1	

1.0	82.0	1.0

	⇦	P	e	r	c	i	v	a	l	R	d		
6.4	11.5	7.0	6.6	4.4	6.6	3.2	6.7	7.0	6.6	7.1	4.5	6.4	

11'-0"

*23, 24



2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°; [To] D; [Garners] D; [Ferry] D;
[Rd] D; [To] D; [Bluff] D; [Rd] D; Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

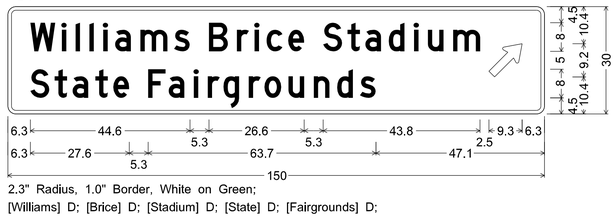
	⇦	T	o	G	a	r	n	e	r	s	F	e	r	r	y	R	d		
6.6	11.5	6.1	10.0	7.1	7.1	5.0	6.5	6.6	4.3	9.7	5.7	6.6	5.0	4.3	11.0	7.2	4.4	7.3	

1.0	130.0	1.0

	T	o	B	l	u	f	f	R	d	⇨		
6.6	6.1	10.0	7.8	3.8	6.5	4.2	8.2	7.2	56.0	9.0	6.6	

12'-6"

*17



2.3" Radius, 1.0" Border, White on Green;
[Williams] D; [Brice] D; [Stadium] D; [State] D; [Fairgrounds] D;
Standard Arrow Custom 12.0" X 6.0" 45°;
Table of distances between letter and object lefts.

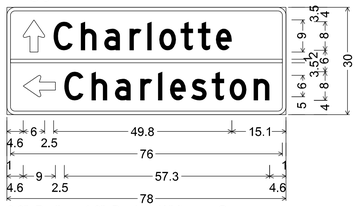
	W	i	l	l	i	a	m	s	B	r	i	c	e	S	t	a	d	i	u	m
6.3	8.8	3.8	3.9	3.8	3.4	7.0	9.4	9.8	7.8	5.0	3.3	6.1	9.7	6.8	5.0	6.6	7.0	3.9	7.1	

	9.9	⇗ 9.3	6.3

	S	t	a	t	e	F	a	i	r	g	r	o	u	n	d	s		
6.3	6.8	5.0	6.3	5.1	9.7	5.7	7.1	3.9	4.4	7.0	4.4	6.7	7.1	6.5	6.4	4.5	47.1	

6'-6"

*50



2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90°;
[Charlotte] D;
Standard Arrow Custom 9.0" X 6.0" 180°;
[Charleston] D;
Table of distances between letter and object lefts.

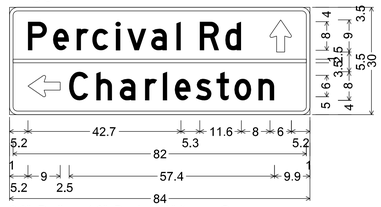
	⇧	C	h	a	r	l	o	t	t	e									
4.6	8.5	7.6	6.5	7.1	4.9	3.4	5.9	4.9	5.0	4.5	15.1								

1.0	76.0	1.0

	⇦																		
4.6		C	h	a	r	l	e	s	t	o	n								
	11.5	7.6	6.5	7.1	4.9	3.4	5.9	5.8	5.0	6.7	4.4	4.6							

7'-0"

*55



2.3" Radius, 1.0" Border, White on Green;
[Percival] D; [Rd] D;
Standard Arrow Custom 9.0" X 6.0" 90°;
Standard Arrow Custom 9.0" X 6.0" 180°;
[Charleston] D;
Table of distances between letter and object lefts.

	P	e	r	c	i	v	a	l	R	d	⇧		
5.2	7.0	6.6	4.4	6.6	3.1	6.7	7.1	6.5	7.2	12.4	6.0	5.2	

1.0	82.0	1.0

	⇦	C	h	a	r	l	e	s	t	o	n		
5.2	11.5	7.6	6.5	7.1	5.0	3.3	5.9	5.8	5.0	6.7	4.5	9.9	

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE CAROLINAS No. C0038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — DAVID W. LEWIS
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

D SIGN DESIGN

I-77 DWG. NO. SN4D

1/10/2020
c:\pw working\east01\dl88653\SHT SN04D_D Sign design.dgn

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN4E

ENCAPSULATED LENS, FLAT SHEET SIGNS SIZE DETERMINED BY MESSAGE

D1–2–8

PROJECT: I-77 RESIGNING
Project ID: P038337
Reflec. Type: III

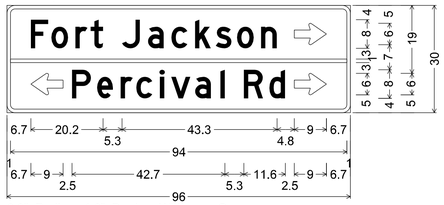
SCDOT

THE LISTING D1-2-8 SIGNS SHOWING MESSAGES AND LENGTHS
(SERIES D LETTERS AND NUMERALS TO BE USED ON ALL SIGNS)

(SIGNS TO BE VARIABLE X 30" ON 0.080 FLAT SHEET FOR LENGTHS OF 5'-0" OR LESS;
LENGTHS OF 5'-6" AND UP WILL BE ON 0.100 FLAT SHEET)

8'-0"

*56, 57



2.3" Radius, 1.0" Border, White on Green;
[Fort] D; [Jackson] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Standard Arrow Custom 9.0" X 6.0" 180°; [Percival] D;
[Rd] D; Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

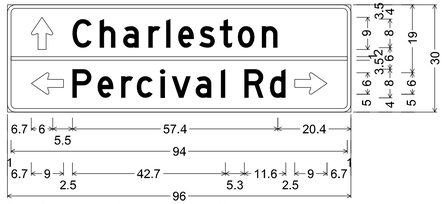
		F	o	r	t	J	a	c	k	s	o	n	⇨	
6.7	5.7	6.7	4.3	8.8	7.2	6.6	6.6	5.8	5.9	6.7	9.3	9.0	6.7	

1.0	94.0	1.0	

	⇦	P	e	r	c	i	v	a	l	R	d	⇨	
6.7	11.5	7.0	6.6	4.4	6.6	3.1	6.7	7.1	6.5	7.2	6.9	9.0	6.7

8'-0"

*53, 54



2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90°;
[Charleston] D;
Standard Arrow Custom 9.0" X 6.0" 180°; [Percival] D;
[Rd] D; Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

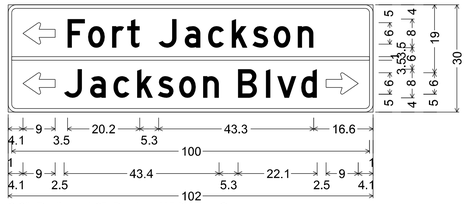
	⇧	C	h	a	r	l	e	s	t	o	n		
6.7	11.5	7.6	6.5	7.1	5.0	3.3	5.9	5.8	5.0	6.7	4.5	20.4	

1.0	94.0	1.0	

	⇦	P	e	r	c	i	v	a	l	R	d	⇨	
6.7	11.5	7.0	6.6	4.4	6.6	3.1	6.7	7.1	6.5	7.2	6.9	9.0	6.7

8'-6"

*44, 45



2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°; [Fort] D;
[Jackson] D; Standard Arrow Custom 9.0" X 6.0" 180°;
[Jackson] D; [Blvd] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

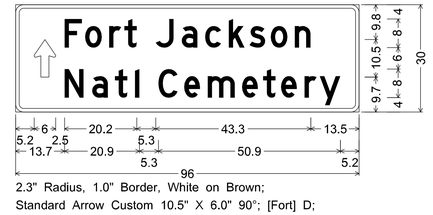
	⇦	F	o	r	t	J	a	c	k	s	o	n		
4.1	12.5	5.7	6.7	4.3	8.8	7.3	6.5	6.6	5.8	5.9	6.7	4.5	16.6	

1.0	100.0	1.0	

	⇦	J	a	c	k	s	o	n	B	l	v	d	⇨	
4.1	11.5	7.3	6.6	6.5	5.8	6.0	6.7	9.8	7.8	3.1	6.7	7.0	9.0	4.1

8'-0"

*60



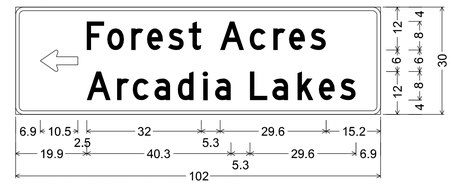
2.3" Radius, 1.0" Border, White on Brown;
Standard Arrow Custom 10.5" X 6.0" 90°; [Fort] D;
[Jackson] D; [Natl] D; [Cemetery] D;
Table of distances between letter and object lefts.

	⇧	F	o	r	t	J	a	c	k	s	o	n	
5.2	8.5	5.7	6.7	4.3	8.8	7.2	6.6	6.6	5.8	5.9	6.7	4.5	13.5

	N	a	t	l	C	e	m	e	t	e	r	y	
13.7	7.7	6.4	5.6	6.5	7.2	6.6	9.6	5.9	5.0	6.6	4.2	5.8	5.2

8'-6"

*63



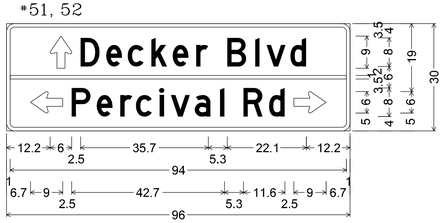
2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 10.5" X 6.0" 180°; [Forest] D;
[Acres] D; [Arcadia] D; [Lakes] D;
Table of distances between letter and object lefts.

	⇦	F	o	r	e	s	t	A	c	r	e	s	
6.9	13.0	5.7	6.7	4.4	5.9	5.8	8.8	8.3	6.5	4.4	5.9	4.5	15.2

	A	r	c	a	d	i	a	L	a	k	e	s	
19.9	8.5	4.4	6.0	6.6	7.0	3.4	9.7	6.3	7.0	6.0	5.9	4.4	6.9

8'-0"

*51, 52



2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90°; [Decker] D;
[Blvd] D; Standard Arrow Custom 9.0" X 6.0" 180°;
[Percival] D; [Rd] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

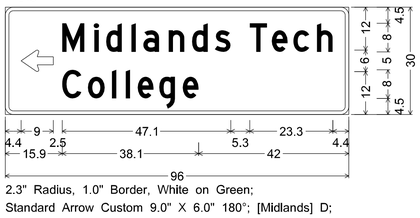
	⇧	D	e	c	k	e	r	B	l	v	d		
12.2	8.5	7.1	6.1	6.6	5.9	6.6	8.7	7.8	3.2	6.6	4.5	12.2	

1.0	94.0	1.0	

	⇦	P	e	r	c	l	v	a	l	R	d	⇨	
6.7	11.5	7.0	6.6	4.4	6.6	3.1	6.7	7.1	6.5	7.2	6.9	9.0	6.7

8'-0"

*42



2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°; [Midlands] D;
[Tech] D; [College] D;
Table of distances between letter and object lefts.

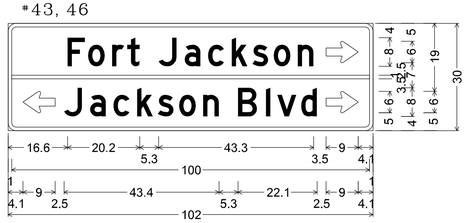
	⇦	M	i	d	l	a	n	d	s
4.4	11.5	8.9	3.4	7.0	3.4	7.0	6.6	6.4	

	T	e	c	h		
9.7	6.2	6.0	6.6	4.5	4.4	

	C	o	l	l	e	g	e		
15.9	7.2	6.7	3.9	3.3	6.0	6.6	4.4	42.0	

8'-6"

*43, 46



2.3" Radius, 1.0" Border, White on Green;
[Fort] D; [Jackson] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Standard Arrow Custom 9.0" X 6.0" 180°; [Jackson] D;
[Blvd] D; Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

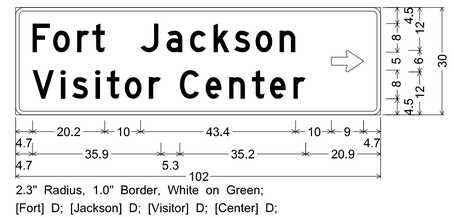
	F	o	r	t	J	a	c	k	s	o	n	⇨	
16.6	5.7	6.7	4.3	8.8	7.3	6.5	6.6	5.8	5.9	6.7	8.0	9.0	4.1

1.0	100.0	1.0	

	⇦	J	a	c	k	s	o	n	B	l	v	d	⇨	
4.1	11.5	7.3	6.6	6.5	5.8	6.0	6.7	9.8	7.8	3.1	6.7	7.0	9.0	4.1

8'-6"

*59



2.3" Radius, 1.0" Border, White on Green;
[Fort] D; [Jackson] D; [Visitor] D; [Center] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

	F	o	r	t	J	a	c	k	s	o	n	⇨	
4.7	5.8	6.7	4.2	13.5	7.3	6.5	6.6	5.8	6.0	6.7	14.5	9.0	4.7

	V	i	s	i	t	o	r	C	e	n	t	e	r		
4.7	8.0	3.1	6.6	3.1	5.0	6.7	8.7	7.2	6.6	6.4	5.0	6.6	3.4	20.9

HDR ENGINEERING INC.
OF THE CAROLINAS

1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE CAROLINAS No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — REGISTERED — JOHN H. WILLIAMS — 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

D SIGN DESIGN

I-77 DWG. NO. SN4E

1/10/2020
c:\pwworking\east0\dl88653\SHT SN04E_D Sign design.dgn

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN4F

ENCAPSULATED LENS, FLAT SHEET SIGNS SIZE DETERMINED BY MESSAGE

D1–2a–8

PROJECT: I-77 RESIGNING
Project ID: P038337
Reflec. Type: III

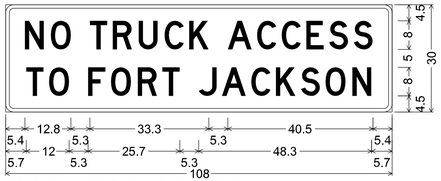
SCDOT

THE LISTING D1-2a-8 SIGNS SHOWING MESSAGES AND LENGTHS
(SERIES D LETTERS AND NUMERALS TO BE USED ON ALL SIGNS)

(SIGNS TO BE VARIABLE X 30" ON 0.080 FLAT SHEET FOR LENGTHS OF 5'-0" OR LESS:
LENGTHS OF 5'-6" AND UP WILL BE ON 0.100 FLAT SHEET)

9'-0"

*4, 6

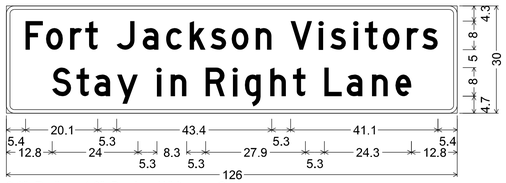


2.3" Radius, 1.0" Border, Black on White;
[NO] D; [TRUCK] D; [ACCESS] D; [TO] D; [FORT] D;
[JACKSON] D;
Table of distances between letter and object lefts.

	N	O	T	R	U	C	K	A	C	C	E	S	S	
5.4	7.2	10.9	6.4	7.3	7.2	6.9	10.8	8.2	6.8	6.9	6.4	6.9	5.3	5.4
	T	O	F	O	R	T	J	A	C	K	S	O	N	
5.7	6.4	10.9	6.4	7.5	6.9	10.2	6.5	8.1	6.9	7.0	6.9	7.5	5.4	5.7

10'-6"

*7

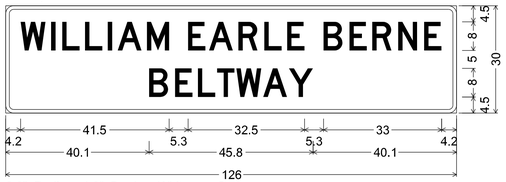


2.3" Radius, 1.0" Border, White on Green;
[Fort] D; [Jackson] D; [Visitors] D; [Stay] D; [in] D; [Right] D; [Lane] D;
Table of distances between letter and object lefts.

	F	o	r	t	J	a	c	k	s	o	n											
5.4	5.7	6.7	4.2	8.8	7.3	6.5	6.6	5.8	6.0	6.7												
		V	i	s	i	t	o	r	s													
	9.8	7.9	3.1	6.6	3.1	5.0	6.7	4.3	4.4	5.4												
	S	t	a	y	i	n	R	i	g	h	t	L	a	n	e							
12.8	6.8	5.0	6.4	11.1	3.8	9.8	7.6	3.4	7.0	6.4	8.8	6.2	7.1	6.5	4.5	12.8						

10'-6"

*5, 8

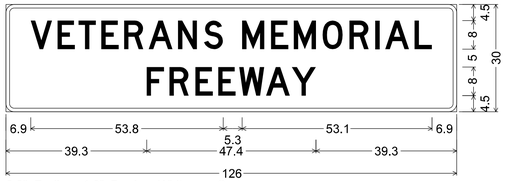


2.3" Radius, 1.0" Border, White on Green;
[WILLIAM] D; [EARLE] D; [BERNE] D; [BELTWAY] D;
Table of distances between letter and object lefts.

	W	I	L	L	I	A	M	E	A	R	L	E	
4.2	8.5	3.1	6.4	6.3	2.8	8.2	11.5	5.8	8.2	7.3	6.4		
		B	E	R	N	E							
	10.1	7.3	6.4	7.2	7.3	4.8	4.2						
	B	E	L	T	W	A	Y						
40.1	7.2	6.4	5.4	5.4	7.5	7.2	6.7	40.1					

10'-6"

*1, 2



2.3" Radius, 1.0" Border, White on Green;
[VETERANS] D; [MEMORIAL] D; [FREEWAY] D;
Table of distances between letter and object lefts.

	V	E	T	E	R	A	N	S	M	E	M	O	R	I	A	L	
6.9	7.5	5.9	6.4	6.3	6.9	8.2	7.2	10.7	8.1	6.4	8.0	7.5	7.3	2.7	8.2	4.9	6.9
	F	R	E	E	W	A	Y										
39.3	6.4	7.3	6.3	5.9	7.5	7.2	6.8	39.3									

ENCAPSULATED LENS, FLAT SHEET SIGNS SIZE DETERMINED BY MESSAGE

D2–2–8

PROJECT: I-77 RESIGNING
Project ID: P038337
Reflec. Type: III

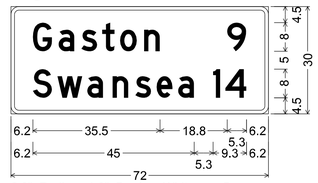
SCDOT

THE LISTING D2-2-8 SIGNS SHOWING MESSAGES AND LENGTHS
(SERIES D LETTERS AND NUMERALS TO BE USED ON ALL SIGNS)

(SIGNS TO BE VARIABLE X 30" ON 0.080 FLAT SHEET FOR LENGTHS OF 5'-0" OR LESS:
LENGTHS OF 5'-6" AND UP WILL BE ON 0.100 FLAT SHEET)

6'-0"

*1



2.3" Radius, 1.0" Border, White on Green;
[Gaston] D; [9] D; [Swansea] D; [14] D;
Table of distances between letter and object lefts.

	G	a	s	t	o	n	9															
6.2	7.1	6.4	5.8	5.0	6.7	23.3	5.3	6.2														
	S	w	a	n	s	e	a	1	4													
6.2	6.8	8.4	7.0	6.4	5.9	6.1	9.7	3.5	5.8	6.2												

HDR ENGINEERING INC.
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1122 LADY STREET
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COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA
HDR ENGINEERING INC.
OF THE CAROLINAS
No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 24492
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

D SIGN DESIGN

I-77 DWG. NO. SN4E

1/10/2020
c:\pw working\east01\dll88653\SHT SN04F_D Sign design.dgn

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN4G

ENCAPSULATED LENS, FLAT SHEET SIGNS SIZE DETERMINED BY MESSAGE

D1–3–8

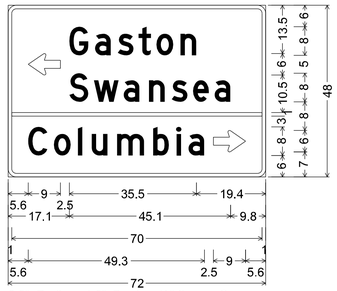
PROJECT: I-77 RESIGNING
Project ID: P038337
Reflec. Type: III

SCDOT

THE LISTING D1-3-8 SIGNS SHOWING MESSAGES AND LENGTHS
(SERIES D LETTERS AND NUMERALS TO BE USED ON ALL SIGNS)
(SIGNS TO BE VARIABLE X 48" ON 0.080 FLAT SHEET FOR LENGTHS OF 5'-0" OR LESS: LENGTHS OF 5'-6" AND UP WILL BE ON 0.100 FLAT SHEET)

6'-0"

*1



2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°;
[Gaston] D; [Swansea] D; [Columbia] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

	⇦	G	a	s	t	o	n	
5.6	11.5	7.2	6.4	5.8	5.0	6.7	4.4	19.4

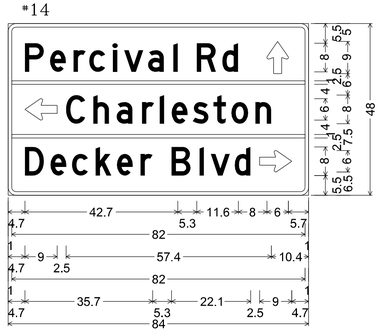
	S	w	a	n	s	e	a	
17.1	6.9	8.3	7.1	6.3	6.0	6.0	4.5	9.8

1.0	70.0	1.0

	C	o	l	u	m	b	i	a	⇨	
5.6	7.2	6.7	3.9	7.0	10.1	6.6	3.3	7.0	9.0	5.6

7'-0"

*14



2.3" Radius, 1.0" Border, White on Green;
[Percival] D; [Rd] D;
Standard Arrow Custom 9.0" X 6.0" 90°;
Standard Arrow Custom 9.0" X 6.0" 180°;
[Charleston] D; [Decker] D; [Blvd] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

	P	e	r	c	i	v	a	l	R	d	⇧	
4.7	7.0	6.6	4.4	6.6	3.1	6.7	7.1	6.5	7.2	12.4	6.0	5.7

1.0	82.0	1.0

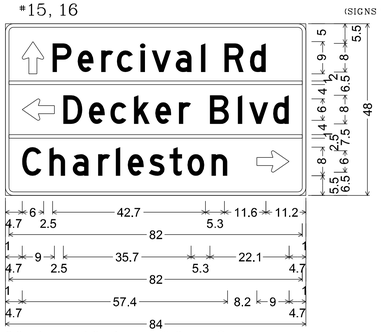
	C	h	a	r	l	e	s	t	o	n		
4.7	11.5	7.6	6.5	7.1	5.0	3.3	5.9	5.8	5.0	6.7	4.5	10.4

1.0	82.0	1.0

	D	e	c	k	e	r	B	l	v	d	⇨	
4.7	7.1	6.1	6.6	5.9	6.6	8.7	7.8	3.2	6.6	7.0	9.0	4.7

7'-0"

*15, 16



2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90°;
[Percival] D; [Rd] D;
Standard Arrow Custom 9.0" X 6.0" 180°;
[Decker] D; [Blvd] D; [Charleston] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

	⇧	P	e	r	c	i	v	a	l	R	d		
4.7	8.5	7.0	6.6	4.4	6.6	3.1	6.7	7.1	6.5	7.2	4.4	11.2	

1.0	82.0	1.0

	⇦	D	e	c	k	e	r	B	l	v	d		
4.7	11.5	7.1	6.1	6.6	5.9	6.6	8.7	7.8	3.2	6.6	4.5	4.7	

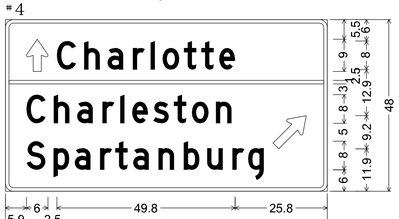
1.0	82.0	1.0

	C	h	a	r	l	e	s	t	o	n		
4.7	7.6	6.5	7.1	5.0	3.3	5.9	5.8	5.0	6.7			

	⇨	
12.7	9.0	4.7

7'-6"

*4



2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90°;
[Charlotte] D; [Charleston] D; [Spartanburg] D;
Standard Arrow Custom 12.0" X 6.0" 45°;
Table of distances between letter and object lefts.

	⇧	C	h	a	r	l	o	t	t	e		
5.9	8.5	7.6	6.6	7.0	5.0	3.3	6.0	4.9	5.0	4.4	25.8	

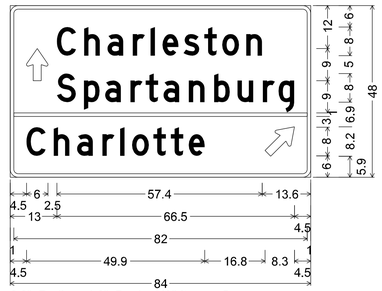
1.0	88.0	1.0

	C	h	a	r	l	e	s	t	o	n	⇗	
5.9	7.6	6.6	7.0	5.0	3.3	5.9	5.8	5.0	6.7	16.0	9.3	5.9

	S	p	a	r	t	a	n	b	u	r	g		
5.9	7.6	5.9	7.1	4.2	5.0	7.1	7.1	6.5	7.1	4.4	4.4	17.7	

7'-0"

*8



2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90°;
[Charleston] D; [Spartanburg] D; [Charlotte] D;
Standard Arrow Custom 10.5" X 6.0" 45°;
Table of distances between letter and object lefts.

	⇧	C	h	a	r	l	e	s	t	o	n		
4.5	8.5	7.7	6.5	7.1	4.9	3.4	5.9	5.7	5.1	6.7	4.4	13.6	

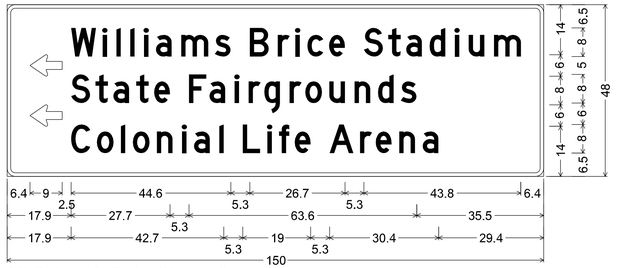
	S	p	a	r	t	a	n	b	u	r	g			
13.0	7.6	5.9	7.1	4.3	5.0	7.0	7.1	6.5	7.1	4.4	4.5	4.5		

1.0	82.0	1.0

	C	h	a	r	l	o	t	t	e	⇗		
4.5	7.7	6.5	7.1	4.9	3.4	5.9	4.9	5.0	21.3	8.3	4.5	

12'-6"

*18



2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°; Standard Arrow Custom 9.0" X 6.0" 180°;
[Williams] D; [Brice] D; [Stadium] D; [State] D; [Fairgrounds] D; [Colonial] D; [Life] D;
[Arena] D;
Table of distances between letter and object lefts.

	⇦	W	i	l	l	i	a	m	s	B	r	i	c	e	
6.4	11.5	8.8	3.9	3.8	3.9	3.3	7.1	9.4	9.7	7.9	4.9	3.4	6.0		

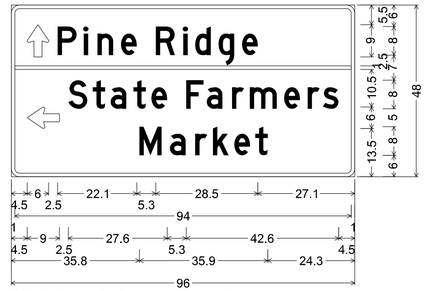
	S	t	a	d	i	u	m							
9.8	6.8	5.0	6.5	7.1	3.8	7.1	7.5	6.4						

	⇦	S	t	a	t	e	F	a	i	r	g	r	o	u	n	d	s	
6.4	11.5	6.8	5.0	6.4	5.0	9.8	5.7	7.0	3.9	4.4	7.1	4.4	6.7	7.0	6.6	6.3	4.5	35.5

	C	o	l	o	n	i	a	l	L	i	f	e	A	r	e	n	a		
17.9	7.2	6.7	3.3	6.8	7.0	3.4	7.0	6.6	6.9	3.2	4.4	9.8	8.4	4.4	6.6	6.6	4.4	29.4	

8'-0"

*2



2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90°; [Pine] D;
[Ridge] D; Standard Arrow Custom 9.0" X 6.0" 180°;
[State] D; [Farmers] D; [Market] D;
Table of distances between letter and object lefts.

	⇧	P	i	n	e	R	i	d	g	e		
4.5	8.5	7.2	3.9	6.5	9.8	7.7	3.3	6.5	6.6	4.4	27.1	

1.0	94.0	1.0

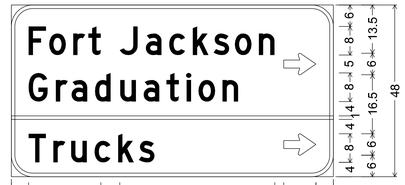
	⇦	S	t	a	t	e						
4.5	11.5	6.8	5.0	6.3	5.0							

	F	a	r	m	e	r	s					
9.8	5.7	7.1	5.0	9.5	6.6	4.3	4.4	4.5				

	M	a	r	k	e	t						
35.8	8.5	7.1	5.0	5.9	5.9	3.5	24.3					

7'-6"

*17



6.0" Radius, 1.0" Border, White on Green;
[Fort] D; [Jackson] D; [Graduation] D;
Standard Arrow Custom 9.0" X 6.0" 0°; [Trucks] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

	F	o	r	t	J	a	c	k	s	o	n	
4.8	5.8	6.7	4.2	8.8	7.3	6.5	6.6	5.8	6.0	6.7		

	⇨		
7.0	9.0	4.8	

	G	r	a	d	u	a	t	i	o	n		
4.8	7.7	4.3	6.6	7.1	6.5	6.4	5.6	3.3	6.7	4.5	26.5	

-0.0	90.0	0.0

	T	r	u	c	k	s	⇨	
4.8	7.0	4.9	6.6	6.6	5.8	40.5	9.0	4.8

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE CAROLINAS No. C0318 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — DAVID H. VESS — 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

D SIGN DESIGN

I-77 DWG. NO. SN4F

1/10/2020
c:\pwworking\east01\d0188653\SHT SN04C_D Sign design.dgn

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN4H

ENCAPSULATED LENS, FLAT SHEET SIGNS SIZE DETERMINED BY MESSAGE

D1–3–8

PROJECT: I-77 RESIGNING
Project ID: P038337
Reflec. Type: III

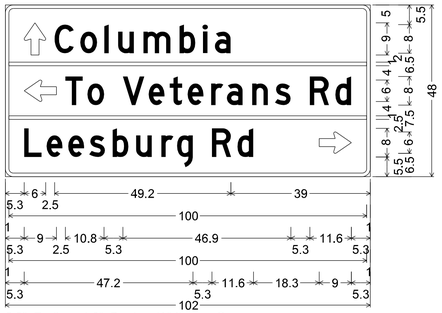
SCDOT

THE LISTING D1-3-8 SIGNS SHOWING MESSAGES AND LENGTHS
(SERIES D LETTERS AND NUMERALS TO BE USED ON ALL SIGNS)

(SIGNS TO BE VARIABLE X 48" ON 0.080 FLAT SHEET FOR LENGTHS OF 5'-0" OR LESS:
LENGTHS OF 5'-6" AND UP WILL BE ON 0.100 FLAT SHEET)

8'-6"

#6



2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90°; [Columbia] D;
Standard Arrow Custom 9.0" X 6.0" 180°; [To] D;
[Veterans] D; [Rd] D; [Leesburg] D; [Rd] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

5.3	⇧ 8.5	C 7.2	o 6.7	l 3.8	u 7.1	m 10.1	b 6.5	i 3.4	a 4.4	39.0	

1.0	100.0	1.0

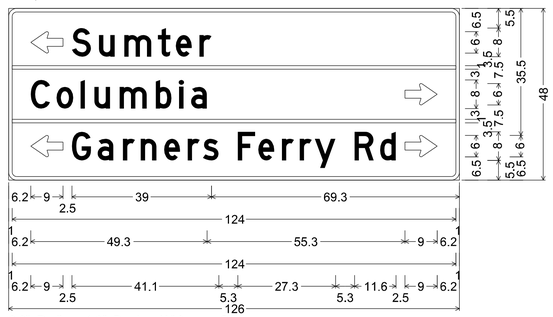
5.3	⇦ 11.5	T 6.1	o 10.0	V 7.2	e 5.8	t 5.0	e 6.6	r 4.4	a 7.1	n 6.4	s 9.7	R 7.2	d 4.4	5.3		

1.0	100.0	1.0

5.3	L 6.2	e 6.1	e 5.9	s 6.5	b 6.5	u 7.1	r 4.4	g 9.8	R 7.1	d 22.8	⇨ 9.0	5.3		

10'-6"

#7



2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°; [Sumter] D; [Columbia] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Standard Arrow Custom 9.0" X 6.0" 180°; [Garners] D; [Ferry] D; [Rd] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

6.2	⇦ 11.5	S 7.6	u 7.0	m 9.4	t 5.0	e 6.6	r 3.4	69.3	

1.0	124.0	1.0

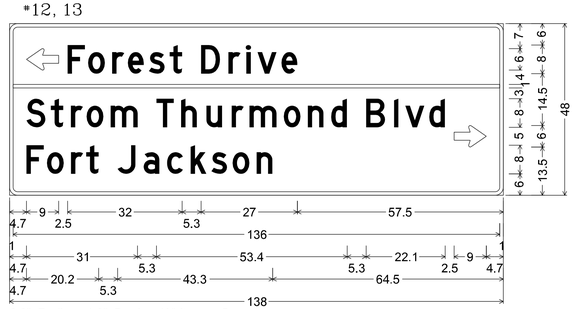
6.2	C 7.2	o 6.7	l 3.9	u 7.0	m 10.1	b 6.6	i 3.3	a 59.8	⇨ 9.0	6.2		

1.0	124.0	1.0

6.2	⇦ 11.5	G 7.2	a 7.1	r 4.9	n 6.6	e 6.6	r 4.2	s 9.8	F 5.7	e 6.6	r 5.0	r 4.2	y 11.1	R 7.1	d 7.0	⇨ 9.0	6.2

11'-6"

#12, 13



2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°; [Forest] D; [Drive] D; [Strom] D;
[Thurmond] D; [Blvd] D; [Fort] D; [Jackson] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

4.7	⇦ 11.5	F 5.8	o 6.7	r 4.4	e 5.9	s 5.7	t 8.8	D 7.7	r 5.0	i 3.1	v 6.7	e 4.5	57.5	

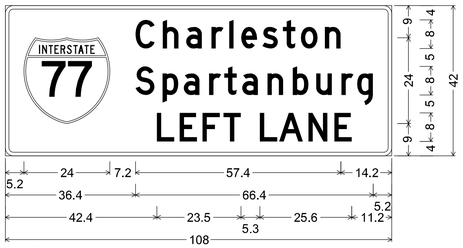
1.0	136.0	1.0

4.7	S 6.8	t 5.6	r 4.4	o 6.8	m 12.7	T 7.0	h 7.0	u 7.1	r 5.0	m 9.5	o 6.8	n 6.5	d 9.8	B 7.8	l 3.1	v 6.7	d 7.0	⇨ 9.0	4.7

4.7	F 5.8	o 6.7	r 4.2	t 8.8	J 7.3	a 6.5	c 6.6	k 5.8	s 6.0	o 6.7	n 4.4	64.5			

9'-0"

#9



2.3" Radius, 1.0" Border, White on Green;
Interstate 77 10.0" D; [Charleston] D; [Spartanburg] D;
[LEFT] D; [LANE] D;
Table of distances between letter and object lefts.

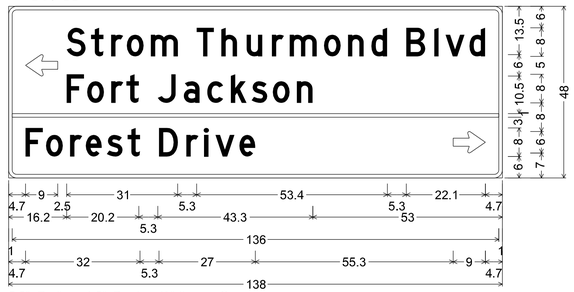
5.2	77 31.2	C 7.6	h 6.5	a 7.1	r 5.0	l 3.3	e 5.9	s 5.8	t 5.0	o 6.7	n 4.5	14.2

36.4	S 7.6	p 5.9	a 7.1	r 4.2	t 5.0	a 7.1	n 7.0	b 6.6	u 7.1	r 4.3	q 4.5	5.2

42.4	L 6.3	E 6.4	F 5.9	T 10.2	L 5.3	A 8.2	N 7.3	E 4.8	11.2	

11'-6"

#10, 11



2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°; [Strom] D; [Thurmond] D; [Blvd] D;
[Fort] D; [Jackson] D; [Forest] D; [Drive] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

4.7	⇦ 11.5	S 6.8	t 5.6	r 4.4	o 6.8	m 12.7	T 7.0	h 7.0	u 7.1	r 5.0	m 9.5	o 6.8	n 6.5	d 9.8	B 7.8	l 3.1	v 6.7	d 4.5	4.7

16.2	F 5.8	o 6.7	r 4.2	t 8.8	J 7.3	a 6.5	c 6.6	k 5.8	s 6.0	o 6.7	n 4.4	53.0

1.0	136.0	1.0

4.7	F 5.8	o 6.7	r 4.4	e 5.9	s 5.7	t 8.8	D 7.7	r 5.0	i 3.1	v 6.7	e 59.8	⇨ 9.0	4.7

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE CAROLINAS No. C0318 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. HOOD
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

D SIGN DESIGN

I-77 DWG. NO. SN4G

1/10/2020
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DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN4I

ENCAPSULATED LENS, FLAT SHEET SIGNS SIZE DETERMINED BY MESSAGE

D1-4-8

PROJECT: I-77 RESIGNING
Project ID: P038337
Reflec. Type: III

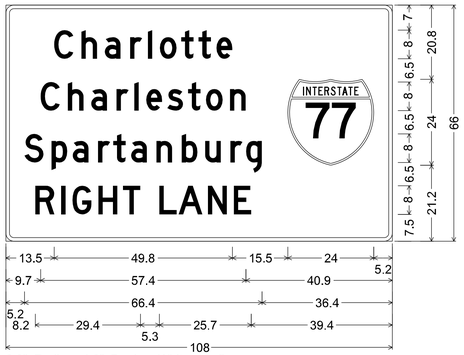
SCDOT

THE LISTING D1-4-8 SIGNS SHOWING MESSAGES AND LENGTHS
(SERIES D LETTERS AND NUMERALS TO BE USED ON ALL SIGNS)

(SIGNS TO BE VARIABLE X 66" ON 0.080 FLAT SHEET FOR LENGTHS OF 5'-0" OR LESS: LENGTHS OF 5'-6" AND UP WILL BE ON 0.100 FLAT SHEET)

9'-0"

#1, 2, 4

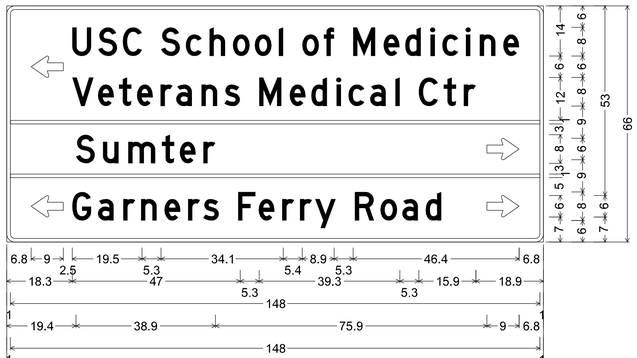


2.3" Radius, 1.0" Border, White on Green;
[Charlotte] D; [Charleston] D; [Spartanburg] D; [RIGHT] D;
[LANE] D; Interstate 77 10.0" D;
Table of distances between letter and object lefts.

13.5	C 7.6	h 6.5	a 7.1	r 5.0	l 3.3	o 6.0	t 4.8	t 5.0	e 20.0	77 24.0	5.2		
9.7	C 7.6	h 6.6	a 7.0	r 5.0	l 3.3	e 5.9	s 5.8	t 5.0	o 6.7	n 4.5	40.9		
5.2	S 7.6	p 5.9	a 7.1	r 4.2	t 5.0	a 7.1	n 7.0	b 6.6	u 7.1	r 4.3	g 4.5	36.4	
8.2	R 7.3	I 3.1	G 7.2	H 6.9	T 10.2	L 5.4	A 8.2	N 7.2	E 4.9	39.4			

12'-6"

#3



2.3" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°; [USC] D; [School] D; [of] D; [Medicine] D;
[Veterans] D; [Medical] D; [Ctr] D; [Sumter] D; Standard Arrow Custom 9.0" X 6.0" 0°;
Standard Arrow Custom 9.0" X 6.0" 180°; [Garners] D; [Ferry] D; [Road] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of distances between letter and object lefts.

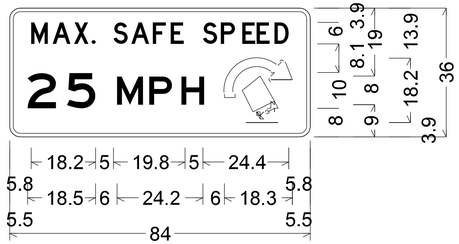
6.8	⇦ 11.5	U 7.3	S 6.9	C 10.6	S 7.0	c 6.5	h 6.6	o 6.1	l 6.8	o 6.5	f 6.0	M 8.3	e 8.4	d 6.0	i 7.1	c 3.4	i 6.5	n 3.9	e 6.5	4.5	6.8				
18.3	V 7.1	e 6.0	t 5.0	e 6.6	r 4.4	a 7.0	n 6.4	s 9.8	M 8.5	e 6.0	d 7.1	i 3.3	c 6.0	a 7.1	l 6.5	C 7.0	t 5.6	r 3.4	18.9						
1.0	148.0	1.0																							
19.4	S 7.5	u 7.0	m 9.4	t 5.0	e 6.6	r 79.3	⇨ 9.0	6.8																	
1.0	148.0	1.0																							
6.8	⇦ 11.5	G 7.1	a 7.1	r 5.0	n 6.5	e 6.6	r 4.3	s 9.8	F 5.6	e 6.6	r 5.0	r 4.3	y 11.1	R 7.1	o 6.1	a 6.6	d 17.1	⇨ 9.0	6.8						

THE LISTING SHOWING MESSAGES AND LENGTHS
(SERIES D LETTERS AND NUMERALS TO BE USED ON ALL SIGNS)

(LENGTHS OF 5'-6" AND UP WILL BE ON 0.100 FLAT SHEET)

7'-0"

OHW1-2AR-84-25



Identifier : OHW1-2AR-84◇;
3.0" Radius, 1.0" Border, Black on Yellow;
[MAX.] D; [SAFE] D;
[SPEED] D; [25] E; [MPH] E;
Overturn;
Table of distances between letter and object lefts.

5.8	M 5.7	A 6.2	X 5.4	. 5.9	S 5.2	A 6.1	F 4.8	E 8.7	S 5.4	P 5.4	E 4.8	E 4.8	D 4.0	5.8

5.5	2 10.5	5 14.0	M 9.4	P 8.5	H 12.3	↶ 18.3	5.5

HDR ENGINEERING INC.
OF THE CAROLINAS

1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE CAROLINAS No. C0318 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — DAVID H. YOUNG — REGISTERED — 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

D SIGN DESIGN

I-77 DWG. NO. SN4H

1/0/2020
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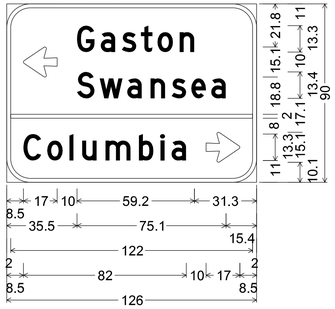
DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN5

Sign No.: Q-1 | Reflec. Type: III | PROJECT: I-77 RESIGNING
Number of Signs: 1 | Refers to sheet(s): SN8 | Project ID: P038337 | SCDOT

PANEL SIZE - 10.5' x 7.5'



12.0" Radius, 2.0" Border, White on Green;
Arrow 80 - 17.0" 180°; [Gaston] D;
[Swansea] D; [Columbia] D;
Arrow 80 - 17.0" 0°;
Table of distances between letter and object lefts.

		G	a	s	t	o	n		
8.5	27.0	11.9	10.6	9.7	8.3	11.2	7.5	31.3	

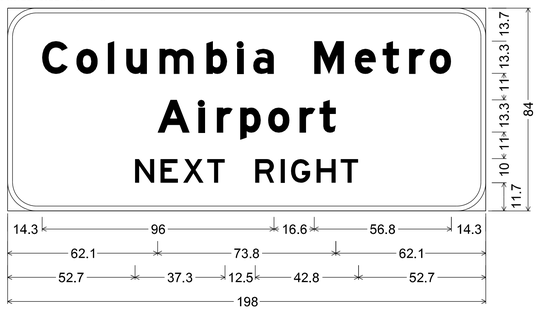
	S	w	a	n	s	e	a	
35.5	11.4	13.9	11.8	10.6	9.9	10.0	7.5	15.4	

2.0	122.0	2.0

	C	o	l	u	m	b	i	a		
8.5	11.9	11.2	6.4	11.8	16.9	10.9	5.5	17.4	17.0	8.5

Sign No.: Q-2 | Reflec. Type: III | PROJECT: I-77 RESIGNING
Number of Signs: 1 | Refers to sheet(s): SN11 | Project ID: P038337 | SCDOT

PANEL SIZE - 16.5' x 7'



12.0" Radius, 2.0" Border, White on, Green;
"Columbia", E Mod; "Metro", E Mod; "Airport", E Mod; "NEXT", E;
"RIGHT", E;
Table of distances between letter and object lefts

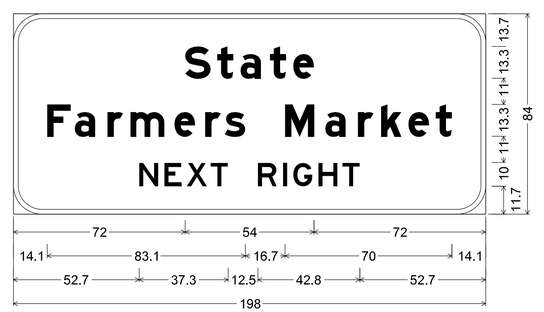
	C	o	l	u	m	b	i	a	M	e	t	r	o	
14.3	14.2	13.0	7.6	13.8	19.4	12.8	6.6	25.2	16.9	11.5	10.9	8.6	8.9	14.3

	A	i	r	p	o	r	t		
62.1	16.9	7.6	9.7	11.6	13.0	8.2	6.8	62.1	

	N	E	X	T	R	I	G	H	T		
52.7	10.6	9.4	10.0	19.8	10.5	4.3	10.6	10.0	7.4	52.7	

Sign No.: Q-3-1 | Reflec. Type: III | PROJECT: I-77 RESIGNING
Number of Signs: 1 | Refers to sheet(s): SN12 | Project ID: P038337 | SCDOT

PANEL SIZE - 16.5' x 7' | EXIT PANEL: 6' x 2.5'

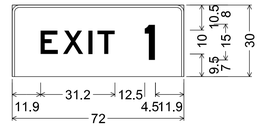


12.0" Radius, 2.0" Border, White on, Green;
"State", E Mod; "Farmers", E Mod; "Market", E Mod; "NEXT", E;
"RIGHT", E;
Table of distances between letter and object lefts

	S	t	a	t	e		
72.0	13.4	9.8	12.3	9.8	8.7	72.0	

	F	a	r	m	e	r	s	M	a	r	k	e	t	
14.1	11.6	13.7	9.7	18.4	12.9	8.2	25.3	16.8	13.7	9.7	11.5	11.5	6.8	14.1

	N	E	X	T	R	I	G	H	T		
52.7	10.6	9.4	10.0	19.8	10.5	4.3	10.6	10.0	7.4	52.7	

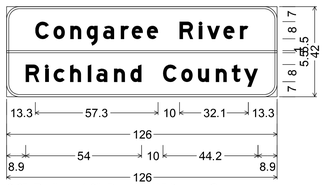


3.0" Radius, 1.0" Border, White on, Green;
"EXIT", E; "1", E;
Table of distances between letter and object lefts

	E	X	I	T	1		
11.9	9.4	10.7	3.8	19.8	4.5	11.9	

Sign No.: Q-4 | Reflec. Type: III | PROJECT: I-77 RESIGNING
Number of Signs: 1 | Refers to sheet(s): SN16 | Project ID: P038337 | SCDOT

PANEL SIZE - 10.5' x 3.5'



6.0" Radius, 1.0" Border, White on Green;
[Congaree] E Mod; [River] E Mod;
[Richland] E Mod; [County] E Mod;
Table of distances between letter and object lefts.

	C	o	n	g	a	r	e	e	
13.3	8.5	7.8	7.7	7.7	8.2	5.1	7.1		

	R	i	v	e	r		
15.2	9.0	3.8	7.6	7.7	4.0	13.3	

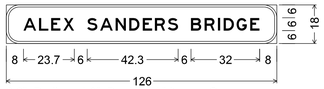
-0.0	126.0	0.0

	R	i	c	h	l	a	n	d		
8.9	9.0	4.0	7.7	8.2	4.0	8.2	7.7			

	C	o	u	n	t	y		
15.2	8.5	7.8	8.2	7.5	5.7	6.5	8.9	

Sign No.: Q-4.1 | Reflec. Type: III | PROJECT: I-77 RESIGNING
Number of Signs: 1 | Refers to sheet(s): SN16 | Project ID: P038337 | SCDOT

PANEL SIZE - 10.5' x 1.5'



6.0" Radius, 1.0" Border, White on Green;
[ALEX] E; [SANDERS] E; [BRIDGE] E;
Table of distances between letter and object lefts.

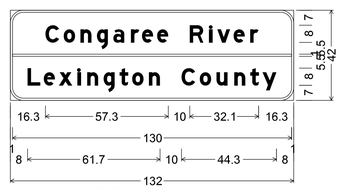
	A	L	E	X					
8.0	7.2	5.7	5.6						

	S	A	N	D	E	R	S		
11.2	6.0	7.2	6.4	6.3	5.6	6.0			

	B	R	I	D	G	E		
10.8	6.4	6.3	2.6	6.0	6.3	4.4	8.0	

Sign No.: Q-5 | Reflec. Type: III | PROJECT: I-77 RESIGNING
Number of Signs: 1 | Refers to sheet(s): SN17 | Project ID: P038337 | SCDOT

PANEL SIZE - 11' x 3.5'



6.0" Radius, 1.0" Border, White on Green;
[Congaree] E Mod; [River] E Mod;
[Lexington] E Mod; [County] E Mod;
Table of distances between letter and object lefts.

	C	o	n	g	a	r	e	e	
16.3	8.5	7.8	7.7	7.7	8.2	5.1	7.1		

	R	i	v	e	r		
15.2	9.0	3.8	7.6	7.7	4.0	16.3	

1.0	130.0	1.0

	L	e	x	i	n	g	t	o	n	
8.0	7.6	7.0	8.6	4.6	7.6	7.5	5.8	7.8		

	C	o	u	n	t	y		
15.2	8.5	7.8	8.3	7.4	5.7	6.6	8.0	

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE CAROLINAS No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. KEENE 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

GROUND MOUNTED SIGN DESIGN

I-77 | DWG. NO. SN5

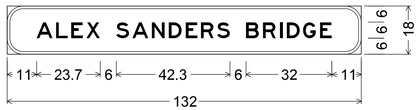
1/10/2020
c:\pw_working\east01\dll7759\SHT SN5 0 Sign design.dgn

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN5A

Sign No.: Q-5.1 | Reflec. Type: III | PROJECT: I-77 RESIGNING
Number of Signs: 1 | Refers to sheet(s): SN17 | Project ID: P038337 SCDOT

PANEL SIZE - 11' x 1.5'



6.0" Radius, 1.0" Border, White on, Green;
"ALEX", E; "SANDERS", E; "BRIDGE", E;
Table of distances between letter and object lefts

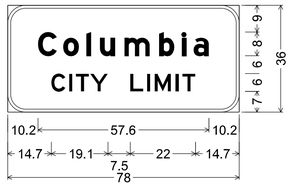
11.0	A 7.2	L 5.7	E 5.6	X

11.2	S 6.0	A 7.2	N 6.4	D 6.3	E 5.6	R 6.0	S	

10.8	B 6.4	R 6.3	I 2.6	D 6.0	G 6.3	E 4.4	11.0	

Sign No.: Q-30 | Reflec. Type: III | PROJECT: I-77 RESIGNING
Number of Signs: 1 | Refers to sheet(s): SN19 | Project ID: P038337 SCDOT

PANEL SIZE - 6.5' x 3'



6.0" Radius, 1.0" Border, White on, Green;
"Columbia", E Mod; "CITY", E;
"LIMIT", E;
Table of distances between letter and object lefts

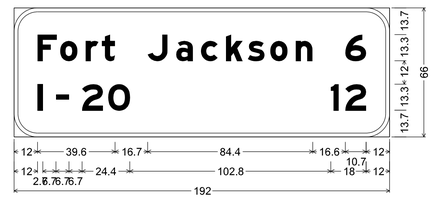
10.2	C 8.5	o 7.8	l 4.6	u 8.3	m 11.6	b 7.7	l 3.9	a 5.2	10.2

14.7	C 6.0	I 2.3	T 4.8	Y

13.5	L 5.7	I 2.5	M 7.1	I 2.3	T 4.4	14.7	

Sign No.: Q-7 | Reflec. Type: III | PROJECT: I-77 RESIGNING
Number of Signs: 1 | Refers to sheet(s): SN17 | Project ID: P038337 SCDOT

PANEL SIZE - 16' x 5.5'



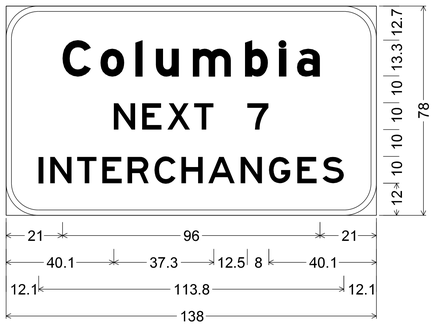
12.0" Radius, 2.0" Border, White on, Green;
"Fort", E Mod; "Jackson", E Mod; "6", E Mod; "I", E Mod;
"-", E Mod; "20", E Mod; "12", E Mod;
Table of distances between letter and object lefts

12.0	F 11.6	o 13.0	r 8.3	t 23.4	J 14.6	a 12.7	c 12.7	k 11.2	s 11.5	o 13.0	n 25.3	6 10.7	12.0	

12.0	I 9.4	- 13.4	2 13.3	0 113.9	1 7.3	2 10.7	12.0	

Sign No.: Q-8 | Reflec. Type: III | PROJECT: I-77 RESIGNING
Number of Signs: 1 | Refers to sheet(s): SN17 | Project ID: P038337 SCDOT

PANEL SIZE - 11.5' x 6.5'



12.0" Radius, 2.0" Border, White on, Green;
"Columbia", E Mod; "NEXT", E; "7", E;
"INTERCHANGES", E;
Table of distances between letter and object lefts

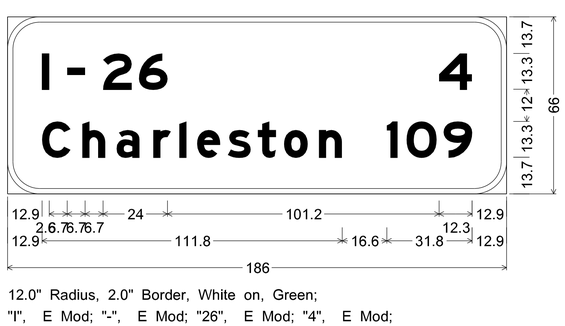
21.0	C 14.2	o 13.0	l 7.6	u 13.8	m 19.4	b 12.8	i 6.6	a 8.6	21.0	

40.1	N 10.6	E 9.4	X 10.0	T 19.8	7 8.0	40.1	

12.1	I 4.3	N 10.0	T 9.5	E 9.4	R 10.0	C 10.0	H 10.0	A 12.1	N 10.6	G 10.5	E 9.4	S 8.0	12.1	

Sign No.: Q-9 | Reflec. Type: III | PROJECT: I-77 RESIGNING
Number of Signs: 1 | Refers to sheet(s): SN18 | Project ID: P038337 SCDOT

PANEL SIZE - 15.5' x 5.5'



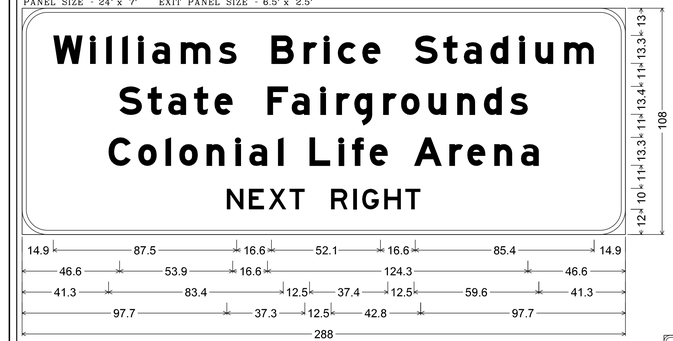
12.0" Radius, 2.0" Border, White on, Green;
"I", E Mod; "-", E Mod; "26", E Mod; "4", E Mod;
"Charleston", E Mod; "109", E Mod;
Table of distances between letter and object lefts

12.9	I 9.3	- 13.4	2 13.4	6 111.8	4 12.3	12.9		

12.9	C 15.0	h 12.7	a 13.7	r 9.7	l 6.6	e 11.5	s 11.2	t 9.8	o 13.0	n 25.2	1 7.4	0 13.8	9 10.6	12.9

Sign No.: Q-10-5 | Reflec. Type: III | PROJECT: I-77 RESIGNING
Number of Signs: 1 | Refers to sheet(s): SN18 | Project ID: P038337 SCDOT

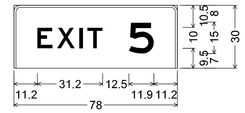
PANEL SIZE - 24' x 7' EXIT PANEL SIZE - 6.5' x 2.5'



12.0" Radius, 2.0" Border, White on, Green;
"Williams", E Mod; "Brice", E Mod; "Stadium", E Mod; "State", E Mod; "Fairgrounds", E Mod;
"Colonial", E Mod; "Life", E Mod; "Arena", E Mod; "NEXT ", E; "RIGHT", E;
Table of distances between letter and object lefts

14.9	W 17.6	i 7.7	l 7.6	i 7.7	l 6.6	a 13.7	m 18.0	s 25.2	B 15.4	r 9.7	i 6.6	c 11.7	e 25.3	S 13.4	t 9.8	a 12.7	d 13.7	i 7.7	u 13.8	m 14.3	14.9											
46.6	S 13.4	t 9.8	a 12.3	t 9.8	e 25.2	F 11.6	a 13.7	l 7.6	r 8.6	g 13.8	r 8.5	o 13.0	u 13.8	n 12.8	d 12.4	s 8.5	46.6															
41.3	C 14.2	o 13.0	l 6.6	o 13.0	n 13.8	i 6.6	a 13.7	l 15.0	L 13.9	i 6.4	f 8.4	e 21.2	A 16.9	r 8.5	e 12.9	n 12.7	a 8.6	41.3														
97.7	N 10.6	E 9.4	X 10.0	T 19.8	R 10.5	I 4.3	G 10.6	H 10.0	T 7.4	97.7																						

EXIT 5



3.0" Radius, 1.0" Border, White on, Green;
"EXIT", E; "5", E;
Table of distances between letter and object lefts

11.2	E 9.4	X 10.6	I 3.8	T 19.9	5 11.9	11.2

1/13/2020
c:\pwworking\east0\d117519\SHT SN5A 0 Sign design.dgn

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE CAROLINAS No. C0318 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. [illegible] 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____
PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

GROUND MOUNTED SIGN DESIGN

I-77 DWG. NO. SN5A

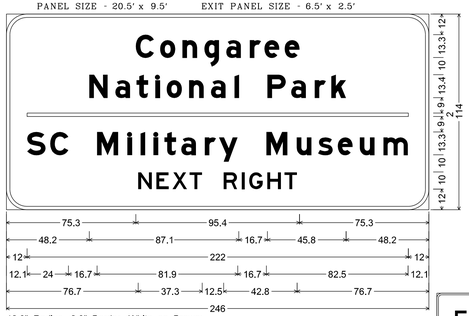
DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

12.0" Radius, 2.0" Border, White on, Green;

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN5B

Sign No.: Q-11-5, Q-13-5 Reflec. Type: III
Number of Signs: 2 Refers to sheet(s): SN18, SN22
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 20.5' x 9.5' EXIT PANEL SIZE - 6.5' x 2.5'



12.0" Radius, 2.0" Border, White on Brown;
[Congaree] E Mod; [National] E Mod; [Park] E Mod; [SC] E Mod; [Military] E Mod;
[Museum] E Mod; [NEXT] E; [RIGHT] E;
Table of distances between letter and object lefts.

	C	o	n	g	a	r	e	e		N	a	t	i	o	n	a	l	P	a	r	k	
75.3	14.2	13.0	12.7	12.8	13.7	8.5	11.8	8.7	75.3	48.2	15.2	12.3	11.0	6.6	13.0	12.8	13.7	19.2	13.8	13.7	9.7	8.6	48.2

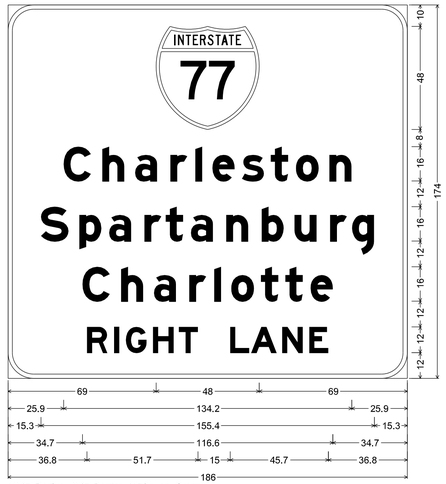
| | | | | | | | | | | | | | | | | | | |

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN5C

Sign No.: Q-29 | Reflec. Type: III
Number of Signs: 1 | Refers to sheet(s): SN25
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 15.5' x 14.5'



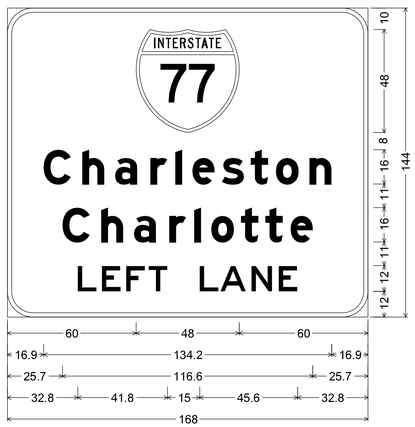
12.0" Radius, 2.0" Border, White on Green;
[Charleston] E Mod; [Spartanburg] E Mod; [Charlotte] E Mod; [RIGHT] E Mod; [LANE] E Mod;
Table of distances between letter and object lefts.

69.0	48.0	69.0

25.9	C 18.0	h 15.3	a 16.4	r 11.6	l 8.0	e 13.7	s 13.5	t 11.7	o 15.6	n 10.4	25.9				
15.3	S 17.9	p 13.9	a 16.4	r 10.0	t 11.7	a 16.4	n 16.6	b 15.3	u 16.5	r 10.3	q 10.4	15.3			
34.7	C 18.0	h 15.3	a 16.4	r 11.6	l 8.0	o 13.8	t 11.4	t 11.7	e 10.4	34.7					
36.8	R 12.6	I 5.5	G 12.6	H 12.1	T 23.9	L 9.7	A 14.5	N 12.6	E 8.9	36.8					

Sign No.: Q-23 | Reflec. Type: III
Number of Signs: 1 | Refers to sheet(s): SN50
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 14' x 12'



12.0" Radius, 2.0" Border, White on Green;
[Charleston] E Mod; [Charlotte] E Mod; [LEFT] E; [LANE] E;
Table of distances between letter and object lefts.

60.0	48.0	60.0

16.9	C 18.0	h 15.3	a 16.4	r 11.6	l 8.0	e 13.7	s 13.5	t 11.7	o 15.6	n 10.4	16.9	
25.7	C 18.0	h 15.3	a 16.4	r 11.6	l 8.0	o 13.8	t 11.4	t 11.7	e 10.4	25.7		
32.8	L 11.3	E 11.3	F 10.4	T 23.8	L 9.7	A 14.4	N 12.7	E 8.8	32.8			

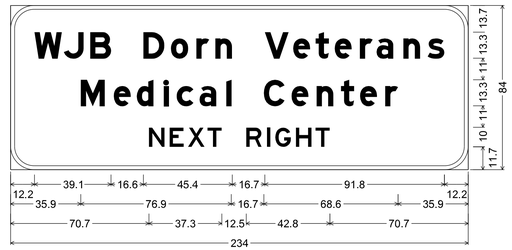
Sign No.:
Number of Signs: 1 | Reflec. Type: III | Refers to sheet(s):
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - | EXIT PANEL SIZE -

BLANK

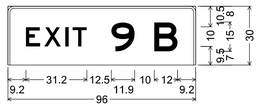
Sign No.: Q-18-9B | Reflec. Type: III
Number of Signs: 1 | Refers to sheet(s): SN35
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 19.5' x 7' | EXIT PANEL SIZE - 8' x 2.5'



12.0" Radius, 2.0" Border, White on, Green;
"WJB", E Mod; "Dorn", E Mod; "Veterans", E Mod; "Medical", E Mod;
"Center", E Mod; "NEXT ", E; "RIGHT", E;
Table of distances between letter and object lefts

12.2	W 15.0	J 13.5	B 27.2	D 14.1	o 13.0	r 9.7	n 25.3	V 14.5	e 11.5	t 9.7	e 12.9	r 8.5	a 13.7	n 12.4	s 8.6	12.2								
35.9	M 16.8	e 11.8	d 13.8	l 6.6	c 11.7	a 13.7	l 19.2	C 14.2	e 12.8	n 12.4	t 9.8	e 12.8	r 6.6	35.9										
70.7	N 10.6	E 9.4	X 10.0	T 19.8	R 10.5	I 4.3	G 10.6	H 10.0	T 7.4	70.7														



3.0" Radius, 1.0" Border, White on, Green;
"EXIT", E; "9", E; "B", E;
Table of distances between letter and object lefts

9.2	E 9.4	X 10.7	I 3.7	T 19.9	9 21.9	B 12.0	9.2

Sign No.:
Number of Signs: 1 | Reflec. Type: III | Refers to sheet(s):
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - | EXIT PANEL SIZE -

BLANK

Sign No.:
Number of Signs: 1 | Reflec. Type: III | Refers to sheet(s):
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - | EXIT PANEL SIZE -

BLANK

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE CAROLINAS No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. KEENE
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

GROUND MOUNTED SIGN DESIGN

I-77 | DWG. NO. SN5C

1/10/2020
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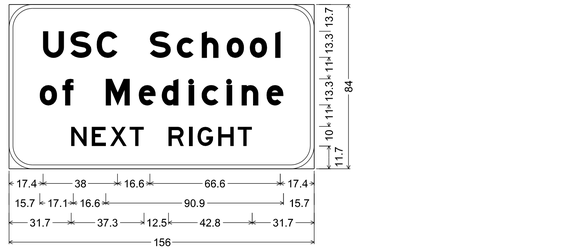
DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN5D

Sign No.: Q-19-9B — Reflec. Type: III — Number of Signs: 1 — Refers to sheet(s): SN36

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 13' x 7' — EXIT PANEL SIZE - 8' x 2.5'



12.0" Radius, 2.0" Border, White on, Green;
"USC", E Mod; "School", E Mod; "of", E Mod;
"Medicine", E Mod; "NEXT ", E; "RIGHT", E;
Table of distances between letter and object lefts

	U	S	C	S	c	h	o	o	l		
17.4	14.0	13.4	27.2	13.7	12.8	12.8	11.8	13.0	2.5	17.4	
	o	f	M	e	d	i	c	i	n	e	
15.7	11.6	22.1	16.9	11.8	13.7	6.7	12.7	7.7	12.7	8.7	15.7
	N	E	X	T	R	I	G	H	T		
31.7	10.6	9.4	10.0	19.8	10.5	4.3	10.6	10.0	7.4	31.7	

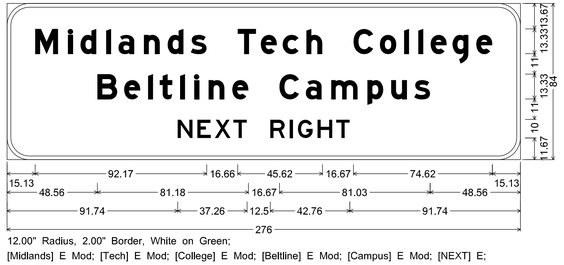
3.0" Radius, 1.0" Border, White on, Green;
"EXIT", E; "9", E; "B", E;
Table of distances between letter and object lefts

	E	X	I	T	9	B	
9.2	9.4	10.7	3.7	19.9	21.9	12.0	9.2

Sign No.: Q-20-10, Q-21-10 — Reflec. Type: III — Number of Signs: 2 — Refers to sheet(s): SN36, SN40

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 23' x 7' — EXIT PANEL SIZE - 7' x 2.5'



12.00" Radius, 2.00" Border, White on Green;
[Midlands] E Mod; [Tech] E Mod; [College] E Mod; [Beltline] E Mod; [Campus] E Mod; [NEXT] E;
[RIGHT] E;
Table of distances between letter and object lefts.

	M	l	d	l	a	n	d	s	T	e	c	h	
15.13	17.71	6.62	13.78	6.62	13.70	12.75	12.40	25.25	12.42	11.76	12.78		
	C	o	l	l	e	g	e						
25.33	14.16	13.00	7.65	6.62	11.77	12.75	8.67	15.13					
	B	e	l	t	l	n	e	C	a	m	p	u	s
48.56	14.38	12.85	6.27	10.97	7.64	7.65	12.75	25.34	14.16	13.70	19.43	12.75	12.40	8.59	48.56
	N	E	X	T	R	I	G	H	T				
91.74	10.54	9.41	9.97	19.84	10.55	4.29	10.55	10.03	7.34	91.74			

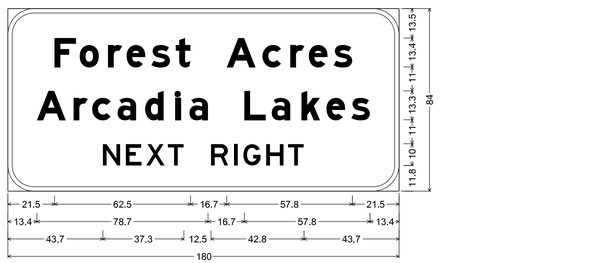
3.00" Radius, 1.00" Border, White on Green;
[EXIT] E; [10] E;
Table of distances between letter and object lefts.

	E	X	I	T	I	O		
9.79	9.40	10.66	3.78	19.84	8.32	12.42	9.79	

Sign No.: Q-22-12 — Reflec. Type: III — Number of Signs: 1 — Refers to sheet(s): SN40

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 15' x 7' — EXIT PANEL SIZE - 7' x 2.5'



12.0" Radius, 2.0" Border, White on, Green;
"Forest", E Mod; "Acres", E Mod; "Arcadia", E Mod; "Lakes", E Mod;
"NEXT", E; "RIGHT", E;
Table of distances between letter and object lefts

	F	o	r	e	s	t	A	c	r	e	s	
21.5	11.6	13.0	8.5	11.5	11.2	23.4	16.4	12.8	8.6	11.4	8.6	21.5
	A	r	c	a	d	i	a	L	a	k	e	s
13.4	16.8	8.6	11.7	12.6	13.8	6.6	25.3	12.6	13.7	11.5	11.4	8.6	13.4
	N	E	X	T	R	I	G	H	T			
43.7	10.6	9.4	10.0	19.8	10.5	4.3	10.6	10.0	7.4	43.7		

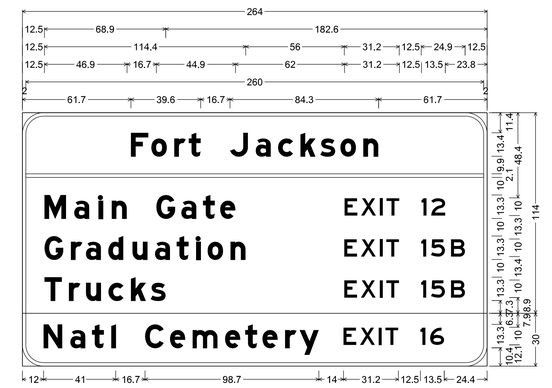
3.0" Radius, 1.0" Border, White on, Green;
"EXIT", E; "12", E;
Table of distances between letter and object lefts

	E	X	I	T	I	2		
10.0	9.4	10.7	3.8	19.8	8.3	12.0	10.0	

Sign No.: Q-24 — Reflec. Type: III — Number of Signs: 1 — Refers to sheet(s): SN36

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 22' x 12.5'



12.0" Radius, 2.0" Border, White on, Green;
"Fort Jackson", E Mod; "Main Gate", E Mod; "EXIT 12", E; "Graduation", E Mod;
"EXIT 15B", E; "Trucks", E Mod; "EXIT 15B", E;

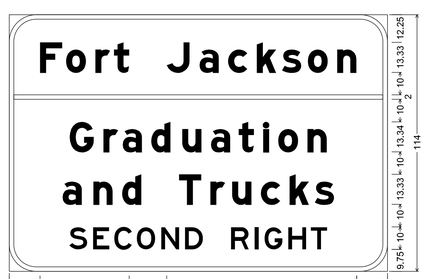
12.0" Radius, 2.0" Border, White on, Brown;
"Natl", E Mod; "Cemetery", E Mod; "EXIT 16", E;
Table of distances between letter and object lefts

	F	o	r	t	J	a	c	k	s	o	n	
61.7	11.5	13.0	8.3	23.5	14.5	12.7	12.8	11.2	11.5	13.0	8.6	61.7
2.0	260.0	2.0										
	M	a	l	n	G	a	t	e	E	X	I	T
12.5	16.9	13.7	7.7	25.3	14.2	12.3	9.8	70.6	E	10.7	3.8	19.8
	G	r	a	d	u	a	t	l	o	n	E	X
12.5	15.0	8.6	12.7	13.7	12.8	12.3	11.0	6.6	13.0	64.7	9.4	10.6
	T	r	u	c	k	s	E	X	I	T		
12.5	13.9	9.7	12.8	12.7	11.2	110.1	9.4	10.6	3.8	19.9		
	N	a	t	l	C	e	m	e	t	e	r	y
12.0	15.2	12.3	11.0	19.2	14.2	12.8	18.4	11.5	9.8	12.8	8.3	24.9

Sign No.: Q-25 — Reflec. Type: III — Number of Signs: 1 — Refers to sheet(s): SN48

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 14' x 9.5'



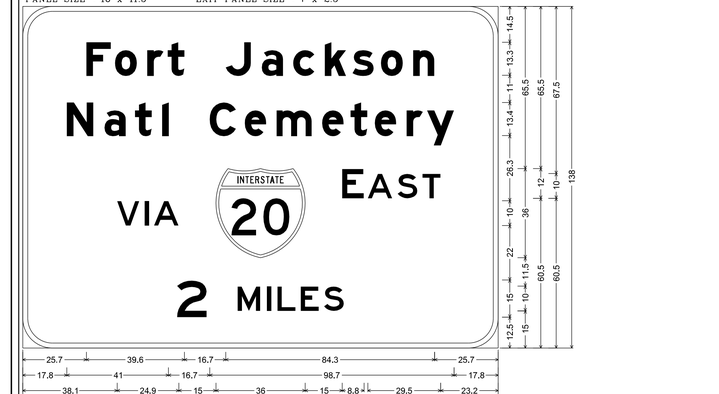
12.00" Radius, 2.00" Border, White on Green;
[Fort Jackson] E Mod; [Graduation] E Mod; [and] E Mod; [Trucks] E Mod;
[SECOND] E; [RIGHT] E;
Table of distances between letter and object lefts.

	F	o	r	t	J	a	c	k	s	o	n	
13.67	11.58	13.00	8.26	23.45	14.57	12.68	12.77	11.19	11.49	13.00	8.67	13.67
2.00	164.00	2.00										
	G	r	a	d	u	a	t	l	o	n		
26.84	15.00	8.54	12.67	13.78	12.76	12.32	10.97	6.62	13.00	8.66	26.84	
	a	n	d	T	r	u	c	k	s			
23.67	13.70	12.75	25.33	13.89	9.68	12.76	12.77	11.20	8.58	23.67		
	S	E	C	O	N	D	R	I	G	H	T	
26.69	10.55	9.40	10.03	10.86	10.55	20.47	10.54	4.30	10.55	10.03	7.34	26.69

Sign No.: Q-26-16 — Reflec. Type: III — Number of Signs: 1 — Refers to sheet(s): SN48

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 16' x 11.5' — EXIT PANEL SIZE - 7' x 2.5'



12.0" Radius, 2.0" Border, White on Brown;
[Fort] E Mod; [Jackson] E Mod; [Natl] E Mod; [Cemetery] E Mod; [VIA] E; [EAST] E; [2] E; [MILES] E;
Table of distances between letter and object lefts.

	F	o	r	t	J	a	c	k	s	o	n	
25.7	11.5	13.0	8.3	23.5	14.5	12.7	12.8	11.2	11.5	13.0	8.6	25.7
	N	a	t	i	C	e	m	e	t	e	r	y
17.8	15.2	12.3	11.0	19.2	14.2	12.8	18.4	11.5	9.8	12.8	8.3	10.9	17.8
	V	I	A		E	A	S	T				
38.1	11.1	3.8	25.0	51.0	10.3	12.1	10.0	7.4	23.2				
	2	M	I	L	E	S						
62.3	24.5	11.8	4.3	9.4	9.4	8.0	62.3						

3.0" Radius, 1.0" Border, White on Brown;
[EXIT] E Mod; [16] E Mod;
Table of distances between letter and object lefts.

	E	X	I	T	I	6	
9.8	9.5	10.7	4.1	19.9	8.3	11.9	9.8

HDR ENGINEERING INC.
OF THE CAROLINAS

1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE CAROLINAS — No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — DAVID M. KEENE — REGISTERED — 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

GROUND MOUNTED SIGN DESIGN

I-77 — DWG. NO. SN5D

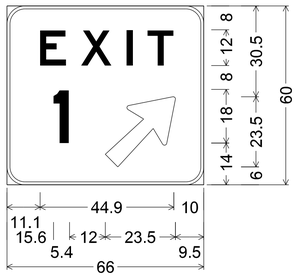
1/10/2020
c:\pw working\east01\dl7759\SHT SN5D 0 Sign design.dgn

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN5E

Sign No.: M1025-1 | Reflec. Type: III | PROJECT: I-77 RESIGNING
Number of Signs: 1 | Refers to sheet(s): SN11 | Project ID: P038337 SCDOT

PANEL SIZE - 6' x 5'



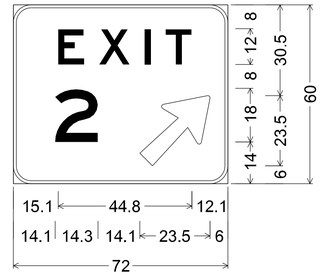
6.0" Radius, 1.0" Border, White on, Green;
"EXIT", E 200% spacing;
"1", E;
Arrow 133 - 30.0" 45';
Table of distances between letter and object lefts

	E	X	I	T	
11.1	13.8	15.2	7.0	8.8	10.1

	1		
15.6	17.4	23.5	9.5

Sign No.: M1025-2 | Reflec. Type: III | PROJECT: I-77 RESIGNING
Number of Signs: 2 | Refers to sheet(s): SN13 | Project ID: P038337 SCDOT

PANEL SIZE - 6' x 5'



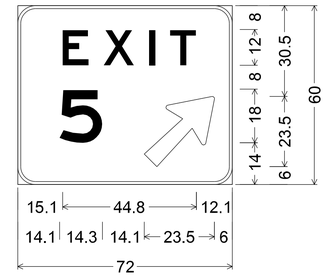
6.0" Radius, 1.0" Border, White on, Green;
"EXIT", E 200% spacing;
"2", E;
Arrow 133 - 30.0" 45';
Table of distances between letter and object lefts

	E	X	I	T	
15.1	13.7	15.3	7.0	8.8	12.1

	2		
14.1	28.4	23.5	6.0

Sign No.: M1025-5 | Reflec. Type: III | PROJECT: I-77 RESIGNING
Number of Signs: 2 | Refers to sheet(s): SN19 | Project ID: P038337 SCDOT

PANEL SIZE - 6' x 5'



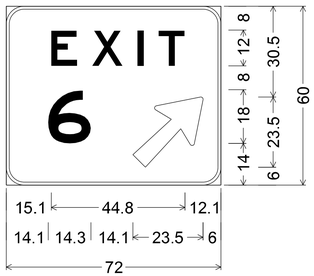
6.0" Radius, 1.0" Border, White on, Green;
"EXIT", E 200% spacing;
"5", E;
Arrow 133 - 30.0" 45';
Table of distances between letter and object lefts

	E	X	I	T	
15.1	13.7	15.3	7.0	8.8	12.1

	5		
14.1	28.4	23.5	6.0

Sign No.: M1025-6 | Reflec. Type: III | PROJECT: I-77 RESIGNING
Number of Signs: 2 | Refers to sheet(s): SN23 | Project ID: P038337 SCDOT

PANEL SIZE - 6' x 5'



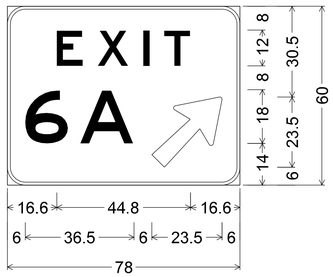
6.0" Radius, 1.0" Border, White on, Green;
"EXIT", E 200% spacing;
"6", E;
Arrow 133 - 30.0" 45';
Table of distances between letter and object lefts

	E	X	I	T	
15.1	13.7	15.3	7.0	8.8	12.1

	6		
14.1	28.4	23.5	6.0

Sign No.: M1025-6A | Reflec. Type: III | PROJECT: I-77 RESIGNING
Number of Signs: 1 | Refers to sheet(s): SN23 | Project ID: P038337 SCDOT

PANEL SIZE - 6.5' x 5'



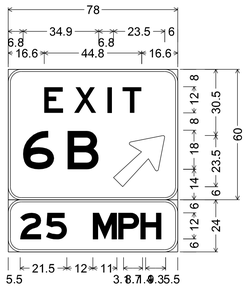
6.0" Radius, 1.0" Border, White on, Green;
"EXIT", E 200% spacing;
"6A", E;
Arrow 133 - 30.0" 45';
Table of distances between letter and object lefts

	E	X	I	T	
16.6	13.7	15.3	7.0	8.8	16.6

	6	A		
6.0	18.5	24.0	23.5	6.0

Sign No.: M1025-6B-25 | Reflec. Type: III | PROJECT: I-77 RESIGNING
Number of Signs: 1 | Refers to sheet(s): SN23 | Project ID: P038337 SCDOT

PANEL SIZE - 6.5' x 7'



6.0" Radius, 1.0" Border, White on, Green;
"EXIT", E 200% spacing;
"6B", E;
Arrow 133 - 30.0" 45';

6.0" Radius, 1.0" Border, Black on, Yellow;
"25", E Mod 75% spacing;
"M" E Mod " P H", ClearviewHwy-5-W;
Table of distances between letter and object lefts

	E	X	I	T	
16.6	13.8	15.2	7.0	8.8	16.6

	6	B		
6.8	20.5	21.2	23.5	6.0

	2	5	M	P	H	
5.5	11.9	21.6	14.1	10.1	9.3	5.5

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-253-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE CAROLINAS No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. KEE 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____ PLAN SCALE = N/A
R/W _____ DATE _____

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

GORE SIGN DESIGN

I-77 DWG. NO. SN5E

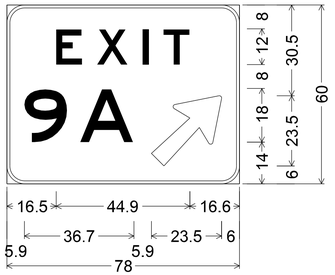
1/10/2020
c:\pwworking\east01\d0177919\SHT SN5E Gore Sign design.dgn

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN5F

Sign No.: M1025-9A
Number of Signs: 1
Reflec. Type: III
Refers to sheet(s): SN29
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 6.5' x 5'

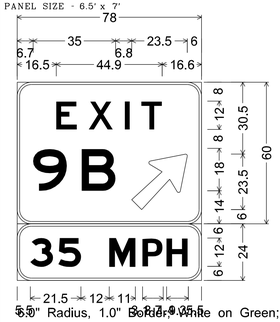


6.0" Radius, 1.0" Border, White on, Green;
"EXIT", E 200% spacing;
"9A", E;
Arrow 133 - 30.0" 45';
Table of distances between letter and object lefts

16.5	E 13.8	X 15.2	I 7.0	T 8.9	16.6
5.9	9 18.7	A 23.9	⇗ 23.5	6.0	

Sign No.: M1025-9B-35
Number of Signs: 2
Reflec. Type: III
Refers to sheet(s): SN30, SN35
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 6.5' x 7'

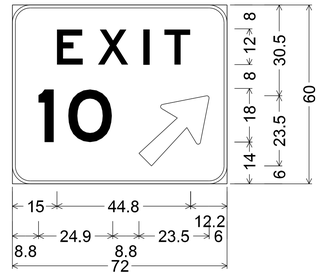


6.0" Radius, 1.0" Border, White on Green;
[EXIT] E 200% spacing;
[9B] E;
Arrow 133 - 30.0" 45°;
6.0" Radius, 1.0" Border, Black on Yellow;
[35] E Mod 75% spacing;
[M] E Mod [P H] ClearviewHwy-5-W;
Table of distances between letter and object lefts.

16.5	E 13.8	X 15.3	I 7.0	T 8.8	16.6
6.7	9 20.6	B 21.2	⇗ 23.5	6.0	
5.5	3 11.9	5 21.6	M 14.1	P 10.1	H 9.3	5.5

Sign No.: M1025-10
Number of Signs: 2
Reflec. Type: III
Refers to sheet(s): SN36, SN37
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 6' x 5'

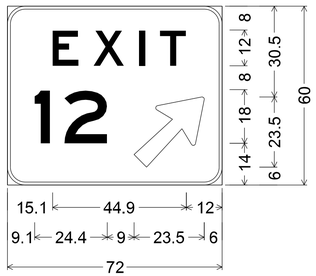


6.0" Radius, 1.0" Border, White on, Green;
"EXIT", E 200% spacing;
"10", E;
Arrow 133 - 30.0" 45';
Table of distances between letter and object lefts

15.0	E 13.7	X 15.3	I 7.0	T 8.8	12.2
8.8	1 10.0	O 23.7	⇗ 23.5	6.0	

Sign No.: M1025-12
Number of Signs: 2
Reflec. Type: III
Refers to sheet(s): SN41, SN44
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 6' x 5'

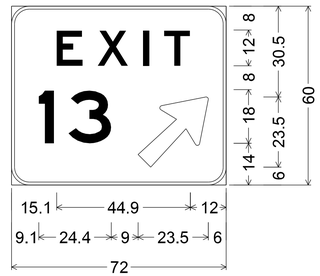


6.0" Radius, 1.0" Border, White on, Green;
"EXIT", E 200% spacing;
"12", E;
Arrow 133 - 30.0" 45';
Table of distances between letter and object lefts

15.1	E 13.8	X 15.3	I 7.0	T 8.8	12.0
9.1	1 10.0	2 23.4	⇗ 23.5	6.0	

Sign No.: M1025-13
Number of Signs: 1
Reflec. Type: III
Refers to sheet(s): SN45
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 6' x 5'

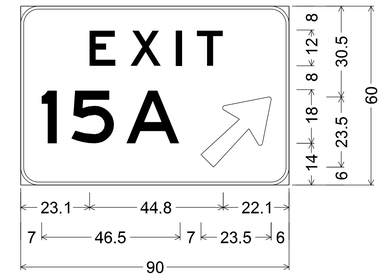


6.0" Radius, 1.0" Border, White on, Green;
"EXIT", E 200% spacing;
"13", E;
Arrow 133 - 30.0" 45';
Table of distances between letter and object lefts

15.1	E 13.8	X 15.3	I 7.0	T 8.8	12.0
9.1	1 10.0	3 23.4	⇗ 23.5	6.0	

Sign No.: M1025-15A
Number of Signs: 1
Reflec. Type: III
Refers to sheet(s): SN49
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 7.5' x 5'



6.0" Radius, 1.0" Border, White on, Green;
"EXIT", E 200% spacing;
"15A", E;
Arrow 133 - 30.0" 45';
Table of distances between letter and object lefts

23.1	E 13.7	X 15.3	I 7.0	T 8.8	22.1
7.0	1 10.0	5 18.5	A 25.0	⇗ 23.5	6.0

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA
HDR ENGINEERING INC.
OF THE CAROLINAS
No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 24492
DAVID H. HEDGE
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____
PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

GORE SIGN DESIGN

I-77 DWG. NO. SN5F

1/10/2020
c:\pwworking\east01\d077919\SHT SN5F Gore Sign design.dgn

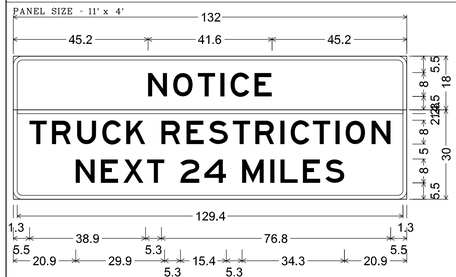
DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN5G

Sign No.: R4-30-132-24 Reflec. Type: III
Number of Signs: 2 Refers to sheet(s): SN11

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 11' x 4'



3.0" Radius, 1.3" Border, Black on, Yellow;
"NOTICE", E;

3.0" Radius, 1.3" Border, Black on, White;
"TRUCK", E; "RESTRICTION", E; "NEXT", E; "24", E;
"MILES", E;

Table of letter and object lefts

N 45.2	O 53.7	T 61.9	I 69.4	C 72.9	E 80.9

1.3

T 5.5	R 13.0	U 21.4	C 29.8	K 37.9

R 49.7	E 58.1	S 65.6	T 73.7	R 81.2	I 89.6	C 93.1	T 100.5	I 108.1	O 111.5	N 120.2			
N 20.9	E 29.4	X 36.9	T 44.9	2 56.1	4 64.1	M 76.8	I 86.2	L 89.6	E 97.2	S 104.7			

Sign No.: R4-31-132-1 Reflec. Type: III
Number of Signs: 2 Refers to sheet(s): SN11

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 11' x 4'



3.0" Radius, 1.3" Border, Black on, Yellow;
"NOTICE", E;

3.0" Radius, 1.3" Border, Black on, White;
"TRUCK", E; "RESTRICTION", E; "1", E; "MILE", E;
"AHEAD", E;

Table of letter and object lefts

N 45.2	O 53.7	T 61.9	I 69.4	C 72.9	E 80.9

1.3

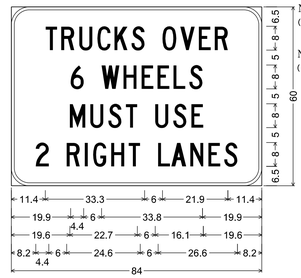
T 5.5	R 13.0	U 21.4	C 29.8	K 37.9

R 49.7	E 58.1	S 65.6	T 73.7	R 81.2	I 89.6	C 93.1	T 100.5	I 108.1	O 111.5	N 120.2			
1 25.8	M 33.5	I 42.9	L 46.4	E 53.9	A 65.1	H 74.7	E 83.2	A 90.1	D 99.8				

Sign No.: R4-33-84
Total Number of Signs: 12

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 7' x 5'



Number of Reflec. Type: III (2)
(SHALL BE GROUND MOUNTED SIGNS)

Number of Reflec. Type: XI (10)
(SHALL BE OVERHEAD MOUNTED SIGNS)

R4-33-84;
6.0" Radius, 1.0" Border, Black on, White;
"TRUCKS", C; "OVER", C; "6", C;
"WHEELS", C; "MUST", C; "USE", C; "2", C;
"RIGHT", C; "LANES", C;

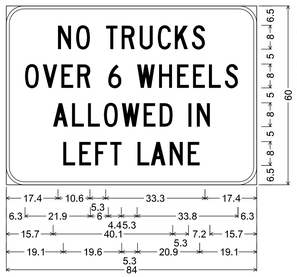
Table of letter and object lefts

T 11.4	R 16.7	U 22.8	C 28.9	K 34.6	S 40.3								
	O 50.7	V 56.7	E 62.9	R 68.2									
6 19.9	W 30.3	H 37.6	E 43.7	E 49.0	L 54.4	S 59.7							
M 19.6	U 26.5	S 32.5	T 38.3	U 48.3	S 54.3	E 60.4							
2 8.2	R 18.6	I 24.6	G 27.4	H 33.5	T 39.2								
	L 49.2	A 53.7	N 60.0	E 66.1	S 71.4								

Sign No.: R4-34-84
Total Number of Signs: 2

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 7' x 5'



Number of Reflec. Type: III (1)
(SHALL BE GROUND MOUNTED SIGN)

Number of Reflec. Type: XI (1)
(SHALL BE OVERHEAD MOUNTED SIGN)

R4-34-84;
6.0" Radius, 1.0" Border, Black on, White;
"NO", C; "TRUCKS", C; "OVER", C; "6", C;
"WHEELS", C; "ALLOWED", C; "IN", C;
"LEFT", C; "LANE", C;

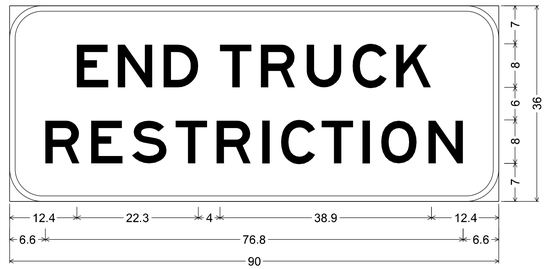
Table of letter and object lefts

N 17.4	O 23.4	T 33.3	R 38.7	U 44.8	C 50.8	K 56.5	S 62.3	
O 6.3	V 12.3	E 18.5	R 23.8	6 34.2				
	W 43.9	H 51.2	E 57.3	E 62.6	L 68.0	S 73.3		
A 15.7	L 22.1	L 27.4	O 32.8	W 38.7	E 46.1	D 51.4	I 61.1	N 63.9
L 19.1	E 24.5	F 29.8	T 34.7	L 44.0	A 48.5	N 54.8	E 60.9	

Sign No.: R4-32-90 Reflec. Type: III
Number of Signs: 1 Refers to sheet(s): SN13

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 7.5' x 3'



R4-32-90;
6.0" Radius, 1.0" Border, Black on, White;
"END", E; "TRUCK", E; "RESTRICTION", E;

Table of letter and object lefts

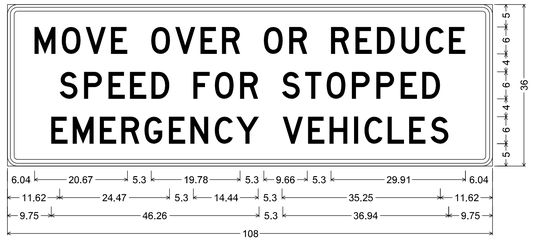
E 12.4	N 19.9	D 28.3	T 38.7	R 46.2	U 54.7	C 63.1	K 71.1	
R 6.6	E 15.0	S 22.5	T 30.5	R 38.1	I 46.5	C 49.9	T 57.4	I 64.9	O 68.4	N 77.1

Sign No.: R22-4-108 Reflec. Type: III
Number of Signs: 2 Refers to sheet(s): SN49

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 9' x 3'

NOTE: FLAT SHEET SIGN



R22-4-108;
2.25" Radius, 0.87" Border, 0.63" Indent, Black on, White;
"MOVE", D; "OVER", D; "OR", D; "REDUCE", D; "SPEED", D; "FOR", D; "STOPPED", D;
"EMERGENCY", D; "VEHICLES", D;

Table of distances between letter and object lefts

6.04	M 6.05	O 5.34	V 5.63	E 8.95	O 5.35	V 5.62	E 4.78	R 9.33	O 5.63	R 9.33	R 5.44	E 4.78	D 5.44	U 5.44	C 5.15	E 3.66	6.04	
11.62	S 5.44	P 5.44	E 4.78	E 4.78	D 9.33	F 4.78	O 5.63	R 9.33	S 5.15	T 4.79	O 5.62	P 5.44	P 5.44	E 4.78	D 4.03	11.62		
9.75	E 4.78	M 6.05	E 4.78	R 5.15	G 5.44	E 4.78	N 5.44	C 4.78	Y 10.36	V 5.63	E 4.78	H 5.44	I 2.34	C 5.16	L 4.78	E 4.78	S 4.03	9.75

I/10/2020
c:\pwworking\east01\d0775195\SHT SN5G R4 Sign design.dgn

HDR ENGINEERING INC.
OF THE CAROLINAS

1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA
HDR ENGINEERING INC.
OF THE CAROLINAS
No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 24492
REGISTERED
DAVID H. HEISE
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

R4 SIGN DESIGN

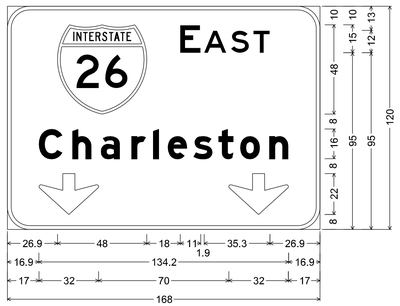
I-77 DWG. NO. SN5G

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN6

Sign No.: OH-1A
Number of Signs: 1
Reflec. Type: XI
Refers to sheet(s): SN11
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 14' x 10'

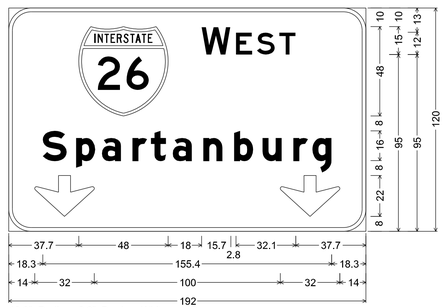


12.0" Radius, 2.0" Border, White on Green;
[EAST] E; [Charleston] E Mod; Down Arrow 22.0" 270°;
Down Arrow 22.0" 270°;
Table of letter and object lefts.

26.9	E 92.9	A 105.8	S 120.2	T 132.3	
C 16.9	h 34.9	a 50.2	r 66.6	l 78.2	e 86.2	s 99.9	t 113.4	o 125.1	n 140.7
17.0	119.0								

Sign No.: OH-1B
Number of Signs: 1
Reflec. Type: XI
Refers to sheet(s): SN11
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 16' x 10'

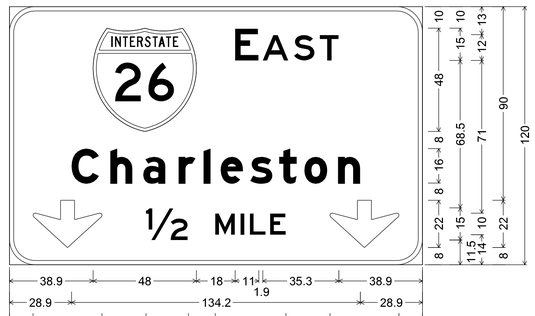


12.0" Radius, 2.0" Border, White on Green;
[WEST] E; [Spartanburg] E Mod; Down Arrow 22.0" 270°;
Down Arrow 22.0" 270°;
Table of distances between letter and object lefts.

37.7	W 66.0	W 18.5	E 11.3	S 12.0	T 8.8	37.7
S 18.3	p 17.9	a 13.9	r 16.4	t 10.0	a 11.7	n 16.4	n 16.6	b 15.3	u 16.5	r 10.3	g 10.4	18.3
14.0	132.0	32.0	14.0									

Sign No.: OH-2A
Number of Signs: 1
Reflec. Type: XI
Refers to sheet(s): SN11
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 16' x 10'

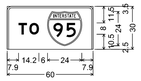


12.0" Radius, 2.0" Border, White on, Green;
"EAST", E; "Charleston", E Mod; Down Arrow 22.0" 270"; "½", E;
"MILE", E; Down Arrow 22.0" 270";
Table of distances between letter and object lefts

38.9	W 66.0	E 12.9	A 14.4	S 12.1	T 8.8	38.9						
28.9	C 18.0	h 15.3	a 16.4	r 11.6	l 8.0	e 13.7	s 13.5	t 11.7	o 15.6	n 10.4	28.9	
11.0	52.5	½ 32.2	M 11.8	l 4.3	L 9.4	E 27.8	32.0	11.0				

Sign No.: OH-1.1A, OH-2.1A, OH-6.1A
Number of Signs: 3
Reflec. Type: XI
Refers to sheet(s): SN8, SN12
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 5' x 2.5'

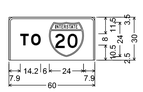


3.0" Radius, 1.0" Border, White on Green;
[TO] E Mod;
Table of distances between letter and object lefts.

7.9	T 7.6	O 12.6	W 24.0	7.9

Sign No.: OH-1.1B, OH-2.1B, OH-6.1B
Number of Signs: 3
Reflec. Type: XI
Refers to sheet(s): SN8, SN12
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 5' x 2.5'

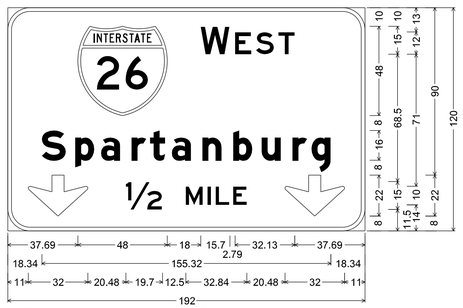


3.0" Radius, 1.0" Border, White on Green;
[TO] E Mod;
Table of distances between letter and object lefts.

7.9	T 7.6	O 12.6	W 24.0	7.9

Sign No.: OH-2B
Number of Signs: 1
Reflec. Type: XI
Refers to sheet(s): SN11
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 16' x 10'



12.00" Radius, 2.00" Border, White on Green;
[WEST] E; [Spartanburg] E Mod; Down Arrow 22.00" 270°; [½] E;
[MILE] E; Down Arrow 22.00" 270°;
Table of distances between letter and object lefts.

37.69	W 66.00	W 18.49	E 11.28	S 12.04	T 8.81	37.69						
S 18.34	p 17.88	p 13.88	a 16.44	r 9.91	t 11.74	a 16.43	n 16.54	b 15.30	u 16.54	r 10.26	g 10.40	18.34
11.00	52.48	½ 32.20	M 11.80	l 4.29	L 9.41	E 27.82	32.00	11.00				

HDR ENGINEERING INC.
OF THE CAROLINAS

1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA
HDR ENGINEERING INC.
OF THE CAROLINAS
No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL
No. 24492
REGISTERED
DAVID M. KESSING
ENGINEER
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD SIGN DESIGN

I-77 DWG. NO. SN6

1/10/2020
c:\pw working\east01\dli69078\SHT SN06 OH Sign design.dgn

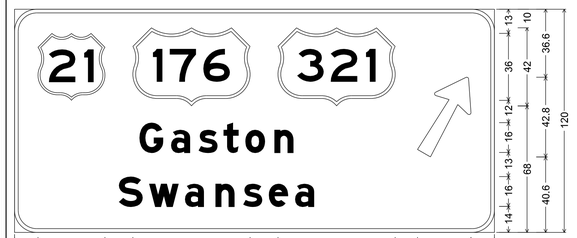
DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

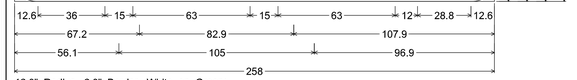
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN6A

Sign No.: OH-2C-1 — Reflec. Type: XI — Number of Signs: 1 — Refers to sheet(s): SN11

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 21.5' x 10' — EXIT PANEL SIZE - 6' x 2.5'





12.0" Radius, 2.0" Border, White on Green;
[Gaston] E Mod; [Swansea] E Mod; Arrow 160 - 47.0" 60";
Table of distances between letter and object lefts.

12.6	23 51.0	78.0	15 75.0	28.8	12.6	
67.2	G 17.0	a 14.7	s 13.5	t 11.7	o 15.6	n 10.4	107.9
56.1	S 16.3	w 19.2	a 16.5	n 14.8	s 13.8	e 14.1	a 10.3	96.9



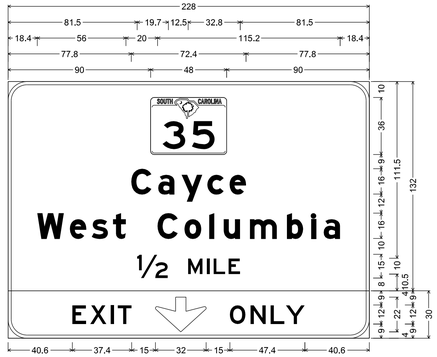
3.0" Radius, 1.0" Border, White on Green;
[EXIT] E; [1] E;
Table of distances between letter and object lefts.

11.9	E 9.4	X 10.7	I 3.8	T 19.8	1 4.5	11.9

Sign No.: OH-3-2 — Reflec. Type: XI — Number of Signs: 1 — Refers to sheet(s): SN12

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 19' x 13.5' — EXIT PANEL SIZE - 6.5' x 2.5'



12.0" Radius, 2.0" Border, White on, Green;
"Cayce", E Mod; "West", E Mod; "Columbia", E Mod; "½", E; "MILE",

12.0" Radius, 2.0" Border, Black on, Yellow;
"EXIT", E; Down Arrow 22.0" 270"; "ONLY", E;
Table of distances between letter and object lefts

90.0	23 48.0	90.0															
77.8	C 17.0	a 14.8	y 16.2	c 14.0	e 10.4	77.8											
18.4	W 20.6	e 13.8	s 13.4	t 28.2	C 17.0	o 15.6	l 9.2	u 16.5	m 23.3	b 15.3	l 8.0	a 10.3	18.4				
81.5	½ 32.2	M 11.8	I 4.3	L 9.4	E 7.3	81.5											
40.6	E 11.3	X 12.8	I 4.5	T 23.8	47.0	O 13.1	N 12.6	L 9.7	Y 12.0	40.6							



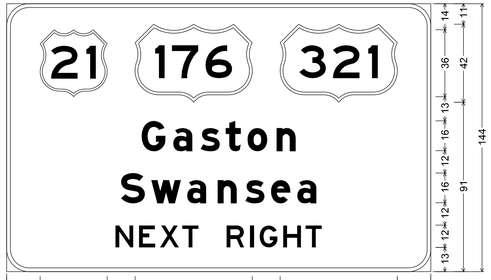
3.0" Radius, 1.0" Border, White on, Green;
"EXIT", E; "2", E;
Table of distances between letter and object lefts

11.2	E 9.4	X 10.6	I 3.8	T 19.9	2 11.9	11.2

Sign No.: OH-4-1 — Reflec. Type: XI — Number of Signs: 1 — Refers to sheet(s): SN12

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 19' x 12' — EXIT PANEL SIZE - 6' x 2.5'



12.00" Radius, 2.00" Border, White on Green;
[Gaston] E Mod; [Swansea] E Mod; [NEXT RIGHT] E;
Table of distances between letter and object lefts.

18.00	23 51.00	78.00	15 63.00	18.00													
72.52	G 17.00	a 14.78	s 13.44	t 11.74	o 15.60	n 10.40	72.52										
61.50	S 16.23	w 19.25	a 16.44	n 14.88	s 13.78	e 14.12	a 10.30	61.50									
58.49	N 12.65	E 11.29	X 11.96	T 23.81	R 12.65	I 5.16	G 12.66	H 12.03	T 8.81	58.49							



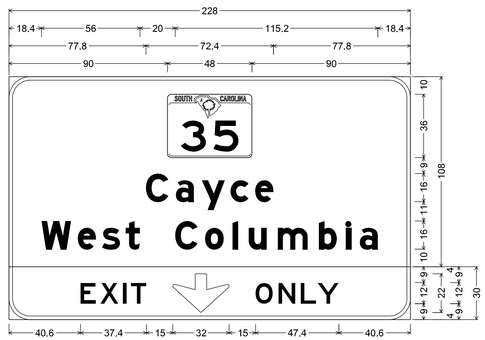
3.00" Radius, 1.00" Border, White on Green;
[EXIT] E; [1] E;
Table of distances between letter and object lefts.

11.93	E 9.41	X 10.65	I 3.78	T
		1 19.85	4.45	11.93

Sign No.: OH-5-2 — Reflec. Type: XI — Number of Signs: 1 — Refers to sheet(s): SN12

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

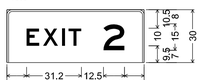
PANEL SIZE - 19' x 11.5' — PANEL SIZE - 6.5' x 2.5'



12.0" Radius, 2.0" Border, White on, Green;
"Cayce", E Mod; "West", E Mod; "Columbia", E Mod;

12.0" Radius, 2.0" Border, Black on, Yellow;
"EXIT", E; Down Arrow 22.0" 270"; "ONLY", E;
Table of distances between letter and object lefts

90.0	23 48.0	90.0															
77.8	C 17.0	a 14.8	y 16.2	c 14.0	e 10.4	77.8											
18.4	W 20.6	e 13.8	s 13.4	t 28.2	C 17.0	o 15.6	l 9.2	u 16.5	m 23.3	b 15.3	l 8.0	a 10.3	18.4				
40.6	E 11.3	X 12.8	I 4.5	T 23.8	47.0	O 13.1	N 12.6	L 9.7	Y 12.0	40.6							



3.0" Radius, 1.0" Border, White on, Green;
"EXIT", E; "2", E;
Table of distances between letter and object lefts

11.2	E 9.4	X 10.6	I 3.8	T 19.9	2 11.9	11.2

(FOR OH-6B DESIGN, SEE SHT. SN6K)

Sign No.: OH-6A — Reflec. Type: XI — Number of Signs: 1 — Refers to sheet(s): SN12

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 14' x 10' — NOTE: FOR DESIGN OF SIGN OH-6B SEE SHT. 6K.



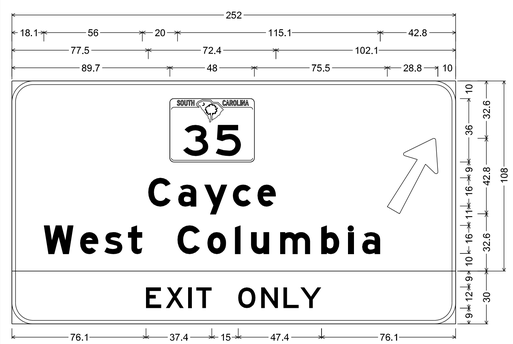
12.00" Radius, 2.00" Border, White on, Green;
"EAST", E; "Charleston", E Mod; Down Arrow 22.00" 270"; "1", E; "MILE", E;
Down Arrow 22.00" 270";
Table of distances between letter and object lefts

26.91	66.00	E 12.86	A 14.48	S 12.03	T 8.81	26.91
16.88	C 18.00	h 15.30	a 16.44	r 11.62	l 7.95	e 13.76	s 13.43	t 11.74	o 15.60	n 10.40	16.88
11.00	48.10	I 16.96	M 11.79	I 4.30	L 9.40	E 23.45	32.00	11.00

Sign No.: OH-7-2 — Reflec. Type: XI — Number of Signs: 1 — Refers to sheet(s): SN12

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 21' x 11.5' — EXIT PANEL SIZE - 6.5' x 2.5'



12.0" Radius, 2.0" Border, White on, Green;
"Cayce", E Mod; "West", E Mod; "Columbia", E Mod; Arrow 160 - 47.0" 60";

12.0" Radius, 2.0" Border, Black on, Yellow;
"EXIT", E; "ONLY", E;
Table of distances between letter and object lefts

89.7	23 123.5	28.8	10.0														
77.5	C 17.0	a 14.7	y 16.3	c 14.0	e 10.4	102.1											
18.1	W 20.6	e 13.8	s 13.4	t 28.2	C 17.0	o 15.6	l 9.1	u 16.6	m 23.3	b 15.3	l 7.9	a 10.3	42.8				
76.1	E 11.3	X 12.8	I 4.5	T 23.8	O 13.1	N 12.6	L 9.7	Y 12.0	76.1								



3.0" Radius, 1.0" Border, White on, Green;
"EXIT", E; "2", E;
Table of distances between letter and object lefts

11.2	E 9.4	X 10.6	I 3.8	T 19.9	2 11.9	11.2

HDR ENGINEERING INC.
OF THE CAROLINAS

1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE CAROLINAS — No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — DAVID W. KEENE — REGISTERED — 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD SIGN DESIGN

I-77 — DWG. NO. SN6A

1/10/2020
c:\pw working\east01\dli69078\SHT SN06A OH Sign design.dgn

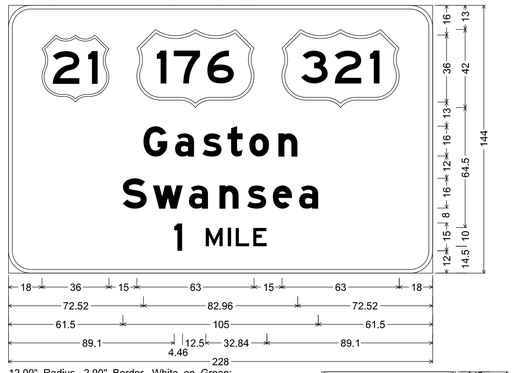
DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN6B

Sign No.: OH-8-1 | Reflec. Type: XI | Number of Signs: 1 | Refers to sheet(s): SN13

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 19' x 12' | EXIT PANEL SIZE - 6' x 2.5'



12.00" Radius, 2.00" Border, White on Green;
[Gaston] E Mod; [Swansea] E Mod; [1] E; [MILE] E;
Table of distances between letter and object lefts.

	G	a	s	t	o	n		
18.00	51.00	78.00	63.00	18.00				
72.52	17.00	14.78	13.44	11.74	15.60	10.40	72.52	
61.50	16.23	19.25	16.44	14.88	13.78	14.12	10.30	61.50

	S	w	a	n	s	e	a	
89.10	16.96	11.79	4.30	9.40	7.35	89.10		

	M	I	L	E	
89.10	11.79	4.30	9.40	7.35	89.10

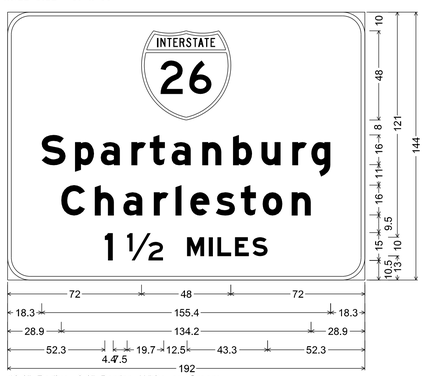
3.00" Radius, 1.00" Border, White on Green;
[EXIT] E; [1] E;
Table of distances between letter and object lefts.

	E	X	I	T	I	
11.93	9.41	10.65	3.78	19.85	4.45	11.93

Sign No.: OH-9A | Reflec. Type: XI | Number of Signs: 1 | Refers to sheet(s): SN13

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 16' x 12'



12.0" Radius, 2.0" Border, White on Green;
[Spartanburg] E Mod; [Charleston] E Mod; [1] E; [½] E;
[MILES] E Mod;
Table of distances between letter and object lefts.

	S	p	a	r	t	a	n	b	u	r	g	
72.0	48.0	72.0										
18.3	17.9	13.9	16.4	10.0	11.7	16.4	16.6	15.3	16.5	10.3	10.4	18.3

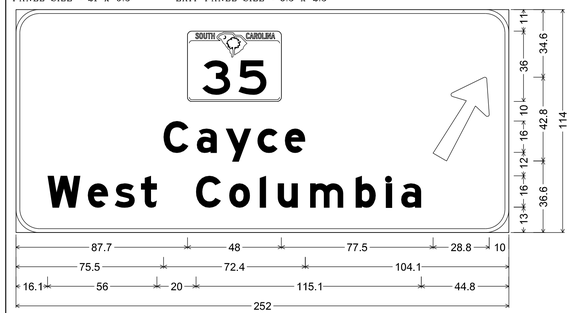
	C	h	a	r	l	e	s	t	o	n	
28.9	18.0	15.3	16.4	11.6	8.0	13.7	13.5	11.7	15.6	10.4	28.9

	1	½	M	I	L	E	S	
52.3	11.9	32.2	11.8	4.6	9.5	9.5	7.9	52.3

Sign No.: OH-9B-2 | Reflec. Type: XI | Number of Signs: 1 | Refers to sheet(s): SN13

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 21' x 9.5' | EXIT PANEL SIZE - 6.5' x 2.5'



12.0" Radius, 2.0" Border, White on, Green;
"Cayce", E Mod; "West", E Mod; "Columbia", E Mod; Arrow 160 - 47.0" 60';
Table of distances between letter and object lefts

	C	a	y	c	e	
87.7	125.5	28.8	10.0			
75.5	17.0	14.7	16.3	14.0	10.4	104.1

	W	e	s	t	C	o	l	u	m	b	i	a	
16.1	20.6	13.8	13.4	28.2	17.0	15.6	9.1	16.6	23.3	15.3	7.9	10.3	44.8

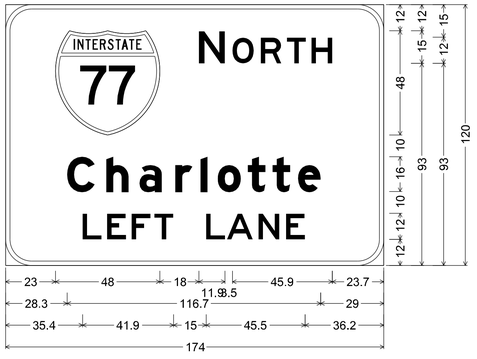
3.0" Radius, 1.0" Border, White on, Green;
"EXIT", E; "2", E;
Table of distances between letter and object lefts

	E	X	I	T	2	
11.2	9.4	10.6	3.8	19.9	11.9	11.2

Sign No.: OH-10A | Reflec. Type: XI | Number of Signs: 1 | Refers to sheet(s): SN14

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 13' x 10'



12.0" Radius, 2.0" Border, White on, Green;
"NORTH", E; "Charlotte", E Mod; "LEFT", E; "LANE", E;
Table of distances between letter and object lefts

	N	O	R	T	H	
23.0	66.0	15.4	13.0	12.1	11.2	9.6	23.7

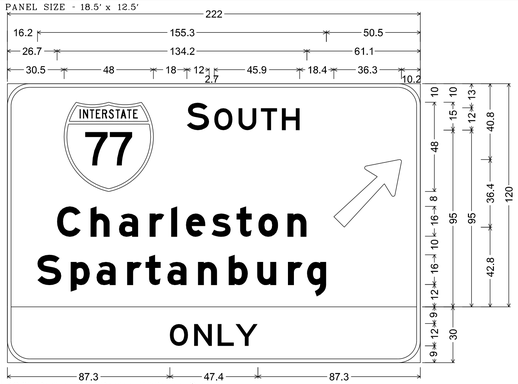
	C	h	a	r	l	o	t	t	e	
28.3	18.0	15.3	16.4	11.7	7.9	13.8	11.4	11.8	10.4	29.0

	L	E	F	T	L	A	N	E	
35.4	11.3	11.3	10.4	23.9	9.6	14.5	12.6	8.8	36.2

Sign No.: OH-10B | Reflec. Type: XI | Number of Signs: 1 | Refers to sheet(s): SN14

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 18.5' x 12.5'



12.0" Radius, 2.0" Border, White on Green;
[SOUTH] E; [Charleston] E Mod; [Spartanburg] E Mod; Arrow 160 - 47.0" 45";
12.0" Radius, 2.0" Border, Black on Yellow;
[ONLY] E;
Table of distances between letter and object lefts.

	S	O	U	T	H		
30.5	66.0	14.7	13.1	12.0	11.3	27.9	36.3	10.2

	C	h	a	r	l	e	s	t	o	n	
26.7	18.0	15.3	16.4	11.7	7.9	13.8	13.4	11.7	15.6	10.4	61.1

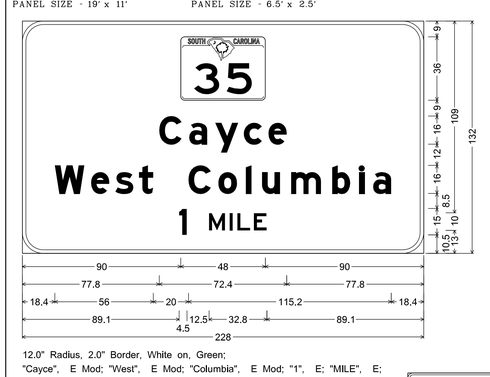
	S	p	a	r	t	a	n	b	u	r	g	
16.2	17.8	13.9	16.5	9.9	11.7	16.4	16.6	15.3	16.5	10.3	10.4	50.5

	O	N	L	Y	
87.3	13.1	12.6	9.7	12.0	87.3

Sign No.: OH-11-2 | Reflec. Type: XI | Number of Signs: 1 | Refers to sheet(s): SN16

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 19' x 11' | PANEL SIZE - 6.5' x 2.5'



12.0" Radius, 2.0" Border, White on, Green;
"Cayce", E Mod; "West", E Mod; "Columbia", E Mod; "1", E; "MILE", E;
Table of distances between letter and object lefts

	C	a	y	c	e	
90.0	48.0	90.0				
77.8	17.0	14.8	16.2	14.0	10.4	77.8

	W	e	s	t	C	o	l	u	m	b	i	a	
18.4	20.6	13.8	13.4	28.2	17.0	15.6	9.2	16.5	23.3	15.3	8.0	10.3	18.4

	I	M	I	L	E	
89.1	17.0	11.8	4.2	9.5	7.3	89.1

3.0" Radius, 1.0" Border, White on, Green;
"EXIT", E; "2", E;
Table of distances between letter and object lefts

	E	X	I	T	2	
11.2	9.4	10.6	3.8	19.9	11.9	11.2

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE CAROLINAS No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER — No. 24492 — DAVID M. KEENE — 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD SIGN DESIGN

I-77 | DWG. NO. SN6B

1/10/2020
c:\pw working\east01\dli69078\SHT SN06B OH Sign design.dgn

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN6C

Sign No.: OH-12 Reflec. Type: XI
Number of Signs: 1 Refers to sheet(s): SN17
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 14.5' x 9.5'

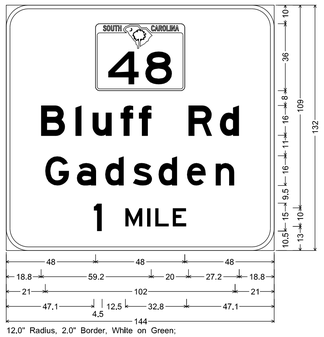


12.0" Radius, 2.0" Border, White on, Green;
"To", E Mod; "Airport", E Mod; "VIA", E; "WEST", E; "4", E; "MILES", E;
Table of distances between letter and object lefts

	T	o	A	i	r	p	o	r	t	
17.1	14.9	30.7	20.2	9.2	11.6	13.9	15.6	9.9	8.2	22.7	
	V	I	A		W	E	S	T		
22.4	11.1	3.8	28.0	54.0	14.8	9.4	10.0	7.4	13.1		
	4	M	I	L	E	S				
49.6	26.3	11.8	4.3	9.4	9.4	8.0	55.2				

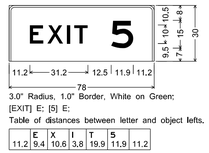
Sign No.: OH-13-5, OH-31A-5 Reflec. Type: XI
Number of Signs: 2 Refers to sheet(s): SN17, SN26
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 12' x 11' EXIT PANEL SIZE - 6.5' x 2.5'



12.0" Radius, 2.0" Border, White on Green;
[Bluff] E Mod; [Rd] E Mod; [Gadsden] E; [1] E; [MILE] E;
Table of distances between letter and object lefts.

48.0		48.0		48.0														
	B	l	u	f	f	R	d											
18.8	18.4	9.2	15.1	9.8	26.7	16.8	10.4	18.8										
	G	a	d	s	d	e	n											
21.0	17.0	15.2	14.9	13.8	15.3	15.4	10.4	21.0										
	1	M	I	L	E													
47.1	17.0	11.8	4.2	9.5	7.3	47.1												

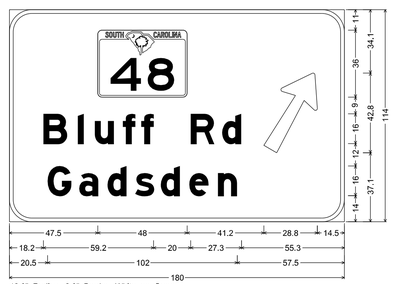


3.0" Radius, 1.0" Border, White on Green;
[EXIT] E; [5] E;
Table of distances between letter and object lefts.

	E	X	I	T	5					
11.2	9.4	10.6	3.8	19.9	11.9	11.2				

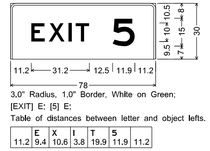
Sign No.: OH-14-5 Reflec. Type: XI
Number of Signs: 1 Refers to sheet(s): SN18
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 15' x 9.5' EXIT PANEL SIZE - 6.5' x 2.5'



12.0" Radius, 2.0" Border, White on Green;
[Bluff] E Mod; [Rd] E Mod; [Gadsden] E Mod; Arrow 160 - 47.0° 60°;
Table of distances between letter and object lefts.

47.5		89.2		28.8		14.5												
	B	l	u	f	f	R	d											
18.2	18.5	9.2	15.1	9.8	26.6	16.9	10.4	55.3										
	G	a	d	s	d	e	n											
20.5	17.0	15.2	14.9	13.8	15.3	15.4	10.4	57.5										

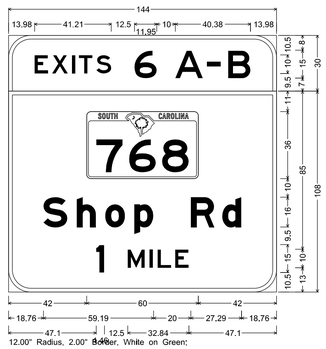


3.0" Radius, 1.0" Border, White on Green;
[EXIT] E; [5] E;
Table of distances between letter and object lefts.

	E	X	I	T	5					
11.2	9.4	10.6	3.8	19.9	11.9	11.2				

Sign No.: OH-15-6A-B Reflec. Type: XI
Number of Signs: 1 Refers to sheet(s): SN19
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 12' x 11.5'

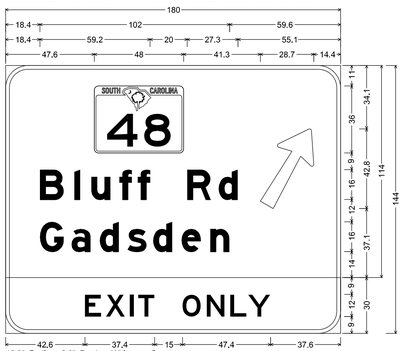


12.00" Radius, 2.00" Border, White on Green;
[EXITS] E; [6] E; [A-B] E;
12.00" Radius, 2.00" Border, White on Green;
[Shop] E Mod; [Rd] E Mod; [1] E; [MILE] E;
Table of distances between letter and object lefts.

	E	X	I	T	S	6	A	-	B									
13.98	9.40	10.66	3.78	9.40	20.47	21.95	17.06	11.37	11.95	13.98								
42.00	60.00	42.00																
	S	h	o	p	R	d												
18.76	17.88	15.31	15.60	30.40	16.89	10.40	18.76											
	I	M	I	L	E													
47.10	16.96	11.79	4.30	9.40	7.35	47.10												

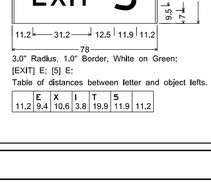
Sign No.: OH-16-5 Reflec. Type: XI
Number of Signs: 1 Refers to sheet(s): SN19
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 15' x 12' EXIT PANEL SIZE - 6.5' x 2.5'



12.0" Radius, 2.0" Border, White on Green;
[Bluff] E Mod; [Rd] E Mod; [Gadsden] E Mod; Arrow 160 - 47.0° 60";
12.0" Radius, 2.0" Border, Black on Yellow;
[EXIT] E; [ONLY] E;
Table of distances between letter and object lefts.

47.6		89.3		28.7		14.4												
	B	l	u	f	f	R	d											
18.4	18.5	9.1	15.1	9.9	26.6	16.9	10.4	55.1										
	G	a	d	s	d	e	n											
18.4	17.0	15.2	14.9	13.8	15.3	15.4	10.4	59.6										
	E	X	I	T	O	N	L	Y										
42.6	11.3	12.8	4.5	23.8	13.1	12.6	9.7	12.0	37.6									

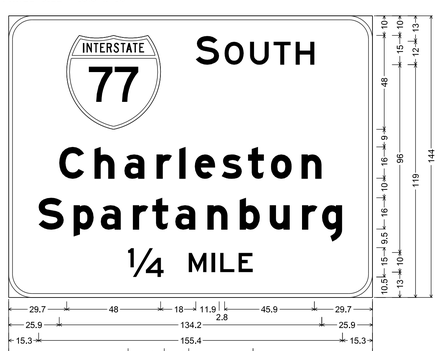


3.0" Radius, 1.0" Border, White on Green;
[EXIT] E; [5] E;
Table of distances between letter and object lefts.

	E	X	I	T	5					
11.2	9.4	10.6	3.8	19.9	11.9	11.2				

Sign No.: OH-17A, OH-30A Reflec. Type: XI
Number of Signs: 2 Refers to sheet(s): SN20, SN25
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 15.5' x 12'



12.0" Radius, 2.0" Border, White on, Green;
"SOUTH", E; "Charleston", E Mod; "Spartanburg", E Mod; "1/4", E; "MILE", E;
Table of distances between letter and object lefts

		S	O	U	T	H												
29.7	66.0	14.7	13.0	12.1	11.3	9.5	29.7											
	C	h	a	r	l	e	s	t	o	n								
25.9	18.0	15.3	16.4	11.6	8.0	13.7	13.5	11.7	15.6	10.4	25.9							
	S	p	a	r	t	a	n	b	u	r	g							
15.3	17.9	13.9	16.4	10.0	11.7	16.4	16.6	15.3	16.5	10.3	10.4	15.3						
	¼	M	I	L	E													
61.1	31.0	11.8	4.3	9.4	7.3	61.1												

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE CAROLINAS No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER — No. 24492 — REGISTERED — DAVID H. KESSLER — 1/13/2020

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD SIGN DESIGN

I-77 DWG. NO. SN6C

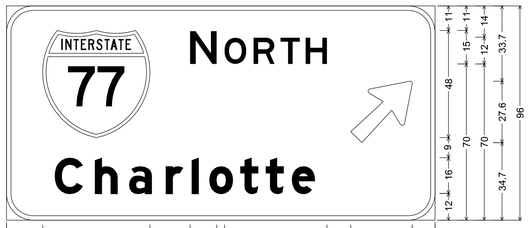
1/10/2020
c:\pw working\east01\dli69078\SHT SN06C OH Sign design.dgn

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN6D

Sign No.: OH-17B, OH-19, OH-28,OH-30B,OH-40, OH-50B, OH-59B, OH-61B, OH-63B
Reflec. Type: XI
Number of Signs: 9
Refers to sheet(s): SN9, SN14, SN20, SN24, SN25, SN31, SN42, SN50
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 16' x 8'



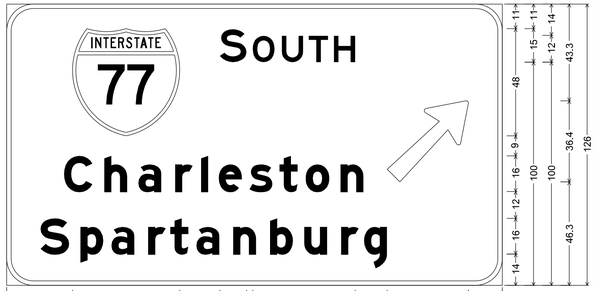
12.0" Radius, 2.0" Border, White on Green;
[NORTH] E; [Charlotte] E Mod; Arrow 160 - 35.0° 45°;
Table of distances between letter and object lefts.

	M	N	O	R	T	H		
16.2	66.0	15.5	13.0	12.0	11.3	20.2	27.6	10.2

	C	h	a	r	l	o	t	t	e	
21.6	18.0	15.3	16.4	11.7	7.9	13.8	11.4	11.7	10.4	53.8

Sign No.: OH-18, OH-26B
OH-27
Reflec. Type: XI
Number of Signs: 3
Refers to sheet(s): SN20, SN24
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 18.5' x 10.5'



12.0" Radius, 2.0" Border, White on Green;
[SOUTH] E; [Charleston] E Mod; [Spartanburg] E Mod; Arrow 160 - 47.0° 45°;
Table of distances between letter and object lefts.

	M	S	O	U	T	H		
29.5	66.0	14.7	13.1	12.0	11.3	23.9	36.3	15.2

	C	h	a	r	l	e	s	t	o	n	
25.7	18.0	15.3	16.4	11.7	7.9	13.8	13.4	11.7	15.6	10.4	62.1

	S	p	a	r	t	a	n	b	u	r	g	
15.2	17.8	13.9	16.5	9.9	11.7	16.4	16.6	15.3	16.5	10.3	10.4	51.5

Sign No.: OH-20A, OH-26A, OH-42A, OH-26A,OH-60B
Reflec. Type: XI
Number of Signs: 5
Refers to sheet(s): SN20, SN24, SN31, SN50
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 14' x 10'



12.0" Radius, 2.0" Border, White on Green;
[NORTH] E; [Charlotte] E Mod; [1/4] E; [MILE] E;
Table of distances between letter and object lefts.

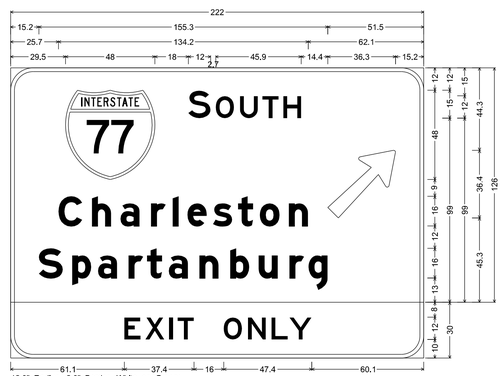
	M	N	O	R	T	H		
20.3	66.0	15.5	13.0	12.0	11.3	9.6	20.3	

	C	h	a	r	l	o	t	t	e		
25.7	18.0	15.3	16.4	11.6	8.0	13.8	11.4	11.7	10.4	25.7	

	1/4	M	I	L	E						
52.1	31.0	11.8	4.3	9.4	7.3	52.1					

Sign No.: OH-20B
Reflec. Type: XI
Number of Signs: 1
Refers to sheet(s): SN20
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 18.5' x 13'



12.0" Radius, 2.0" Border, White on Green;
[SOUTH] E; [Charleston] E Mod; [Spartanburg] E Mod; Arrow 160 - 47.0° 45°;
12.0" Radius, 2.0" Border, Black on Yellow;
[EXIT] E; [ONLY] E;
Table of distances between letter and object lefts.

	M	S	O	U	T	H		
29.5	66.0	14.7	13.1	12.0	11.3	23.9	36.3	15.2

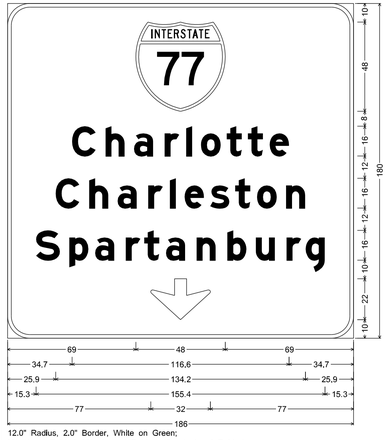
	C	h	a	r	l	e	s	t	o	n	
25.7	18.0	15.3	16.4	11.7	7.9	13.8	13.4	11.7	15.6	10.4	62.1

	S	p	a	r	t	a	n	b	u	r	g	
15.2	17.8	13.9	16.5	9.9	11.7	16.4	16.6	15.3	16.5	10.3	10.4	51.5

	C	X	I	T	O	N	L	Y	
61.1	11.3	12.8	4.5	24.8	13.1	12.6	9.7	12.0	60.1

Sign No.: OH-21
Reflec. Type: XI
Number of Signs: 1
Refers to sheet(s): SN21
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 15.5' x 15'



12.0" Radius, 2.0" Border, White on Green;
[Charlotte] E Mod; [Charleston] E Mod; [Spartanburg] E Mod;
Down Arrow 22.0° 270°;
Table of distances between letter and object lefts.

	M		
69.0	48.0	69.0	

	C	h	a	r	l	o	t	t	e	
34.7	18.0	15.3	16.4	11.6	8.0	13.8	11.4	11.7	10.4	34.7

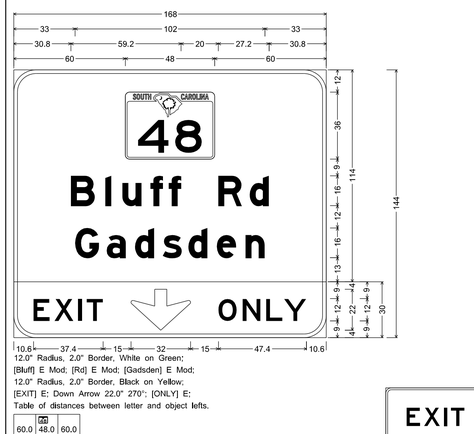
	C	h	a	r	l	e	s	t	o	n	
25.9	18.0	15.3	16.4	11.6	8.0	13.7	13.5	11.7	15.6	10.4	25.9

	S	p	a	r	t	a	n	b	u	r	g	
15.3	17.9	13.9	16.4	10.0	11.7	16.4	16.6	15.3	16.5	10.3	10.4	15.3

77.0	32.0	77.0

Sign No.: OH-22-5
Reflec. Type: XI
Number of Signs: 1
Refers to sheet(s): SN22
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 14' x 12' EXIT PANEL SIZE - 6.5' x 2.5'



12.0" Radius, 2.0" Border, White on Green;
[Bluff] E Mod; [Rd] E Mod; [Gadsden] E Mod;
12.0" Radius, 2.0" Border, Black on Yellow;
[EXIT] E; Down Arrow 22.0° 270°; [ONLY] E;
Table of distances between letter and object lefts.

60.0	48.0	60.0

	B	u	f	f	R	d		
30.8	18.4	9.2	15.1	9.8	26.7	16.8	10.4	30.8

	G	a	d	s	d	e	n		
33.0	17.0	15.2	14.9	13.8	15.3	15.4	10.4	33.0	

	E	X	I	T		O	N	L	Y	
10.6	11.3	12.8	4.5	23.8	47.0	13.1	12.6	9.7	12.0	10.6

3.0" Radius, 1.0" Border, White on Green;
[EXIT] E; [5] E;
Table of distances between letter and object lefts.

	E	X	I	T	5					
11.2	9.4	10.6	3.8	19.9	11.9	11.2				

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
HDR ENGINEERING INC. OF THE CAROLINAS No. C038

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 24492
DAVID H. KESSING
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD SIGN DESIGN

I-77 DWG. NO. SN6D

1/10/2020
c:\pwworking\east01\dli69078\SHT SN06D OH Sign design.dgn

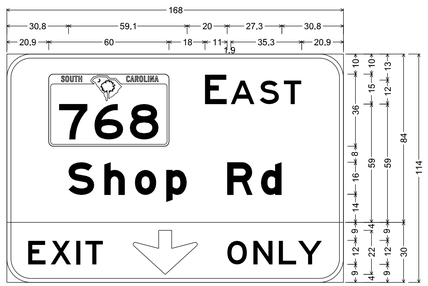
DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN6E

Sign No.: OH-23-6A | Reflec. Type: XI | Number of Signs: 1 | Refers to sheet(s): SN22

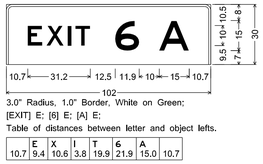
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 14' x 9.5' | EXIT PANEL SIZE - 8.5' x 2.5'



12.0" Radius, 2.0" Border, White on Green;
[EAST] E; [Shop] E Mod; [Rd] E Mod;
12.0" Radius, 2.0" Border, Black on Yellow;
[EXIT] E; Down Arrow 22.0" 270°; [ONLY] E;
Table of distances between letter and object lefts.

		E	A	S	T		
20.9	78.0	12.9	14.4	12.1	8.8	20.9	
	S	h	o	p	R	d	
30.8	17.8	15.3	15.6	30.4	16.9	10.4	30.8
	E	X	I	T		O	N	L	Y	
10.6	11.3	12.8	4.5	23.8	47.0	13.1	12.6	9.7	12.0	10.6



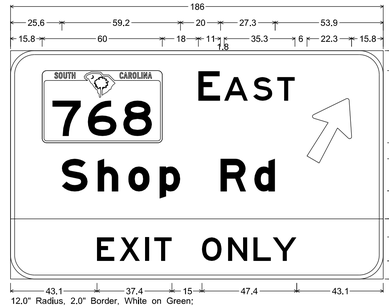
3.0" Radius, 1.0" Border, White on Green;
[EXIT] E; [6] E; [A] E;
Table of distances between letter and object lefts.

E	X	I	T	6	A	
10.7	9.4	10.6	3.8	19.9	21.9	15.0	10.7

Sign No.: OH-24B-6A | Reflec. Type: XI | Number of Signs: 1 | Refers to sheet(s): SN23

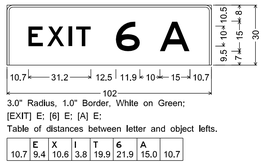
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 15.5' x 9.5' | EXIT PANEL SIZE - 8.5' x 2.5'



12.0" Radius, 2.0" Border, White on Green;
[EAST] E; [Shop] E Mod; [Rd] E Mod; Arrow 160 - 35.0° 60°;
12.0" Radius, 2.0" Border, Black on Yellow;
[EXIT] E; [ONLY] E;
Table of distances between letter and object lefts.

		E	A	S	T		
15.8	78.0	12.8	14.5	12.0	14.8	22.3	15.8
	S	h	o	p	R	d	
25.6	17.9	15.3	15.6	30.4	16.9	10.4	53.9
	E	X	I	T	O	N	L	Y	
43.1	11.3	12.8	4.5	23.8	13.1	12.6	9.7	12.0	43.1



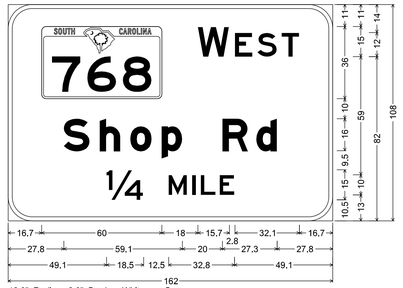
3.0" Radius, 1.0" Border, White on Green;
[EXIT] E; [6] E; [A] E;
Table of distances between letter and object lefts.

E	X	I	T	6	A	
10.7	9.4	10.6	3.8	19.9	21.9	15.0	10.7

Sign No.: OH-24B-6B | Reflec. Type: XI | Number of Signs: 1 | Refers to sheet(s): SN23

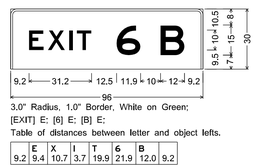
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 13.5' x 9' | EXIT PANEL SIZE - 8' x 2.5'



12.0" Radius, 2.0" Border, White on Green;
[WEST] E; [Shop] E Mod; [Rd] E Mod; [1/4] E; [MILE] E;
Table of distances between letter and object lefts.

		W	E	S	T	
16.7	78.0	18.5	11.3	12.0	8.8	16.7	
S	h	o	p	R	d		
27.8	17.8	15.3	15.6	30.4	16.9	10.4	27.8
	1/4	M	I	L	E		
49.1	31.0	11.8	4.3	9.4	7.3	49.1	



3.0" Radius, 1.0" Border, White on Green;
[EXIT] E; [6] E; [B] E;
Table of distances between letter and object lefts.

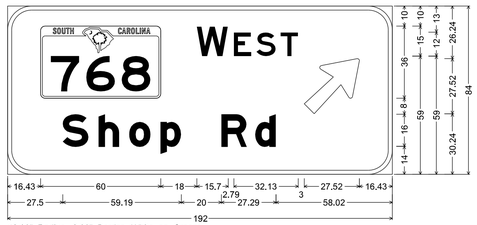
E	X	I	T	6	B		
9.2	9.4	10.7	3.7	19.9	21.9	12.0	9.2

(MOUNTED ON OH NO. 25)

Sign No.: OH-25A-6B | Reflec. Type: XI | Number of Signs: 1 | Refers to sheet(s): SN23

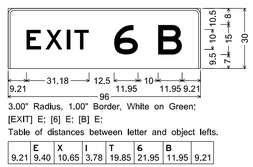
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 16' x 7' | EXIT PANEL SIZE - 8' x 2.5'



12.00" Radius, 2.00" Border, White on Green;
[WEST] E; [Shop] E Mod; [Rd] E Mod; Arrow 160 - 35.00° 45°;
Table of distances between letter and object lefts.

	W	E	S	T			
16.43	78.00	18.49	11.28	12.04	11.81	27.52	16.43
S	h	o	p	R	d		
27.50	17.88	15.31	15.60	30.40	16.89	10.40	58.02



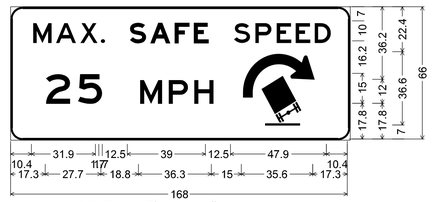
3.00" Radius, 1.00" Border, White on Green;
[EXIT] E; [6] E; [B] E;
Table of distances between letter and object lefts.

E	X	I	T	6	B		
9.21	9.40	10.65	3.78	19.85	21.95	11.95	9.21

Sign No.: OH-25B | Reflec. Type: XI | Number of Signs: 1 | Refers to sheet(s): SN23

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 14' x 5.5'



6.0" Radius, 1.0" Border, Black on Yellow;
[MAX] E; [.] E; [SAFE] E Mod; [SPEED] E; [25] E;
[MPH] E;
Table of distances between letter and object lefts.

	M	A	X	.	S	A	F	E	
10.4	11.3	12.0	10.3	14.2	10.1	12.0	9.5		
		S	P	E	E	D			
	19.9	10.6	10.5	9.4	9.4	8.0	10.4		
	2	5	M	P	H				
17.3	15.8	30.7	14.1	12.7	24.5	35.6	17.3		

Sign No.: | Reflec. Type: XI | Number of Signs: | Refers to sheet(s):

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE -

BLANK

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE CAROLINAS No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER — No. 24492 — DAVID H. KEENE — 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD SIGN DESIGN

I-77 | DWG. NO. SN6E

1/10/2020
c:\pwworking\east01\dli69078\SHT SN06E OH Sign design.dgn

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN6F

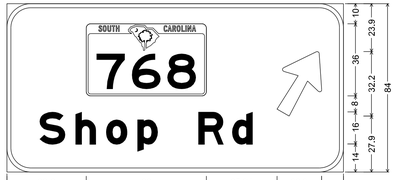
Sign No.:
Number of Signs:
Reflec. Type: XI
Refers to sheet(s): SNXX
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE -

BLANK

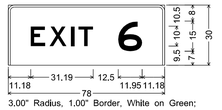
Sign No.: OH-31B-6
Number of Signs: 1
Reflec. Type: XI
Refers to sheet(s): SN26
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 14' x 7' EXIT PANEL SIZE - 6.5' x 2.5'



12.00" Radius, 2.00" Border, White on Green;
[Shop] E Mod; [Rd] E Mod; Arrow 160 - 35.00° 60°;
Table of distances between letter and object lefts.

39.60	95.24	22.30	10.86					
	S	h	o	p	R	d		
16.36	17.88	15.31	15.60	30.40	16.89	10.40	45.16	

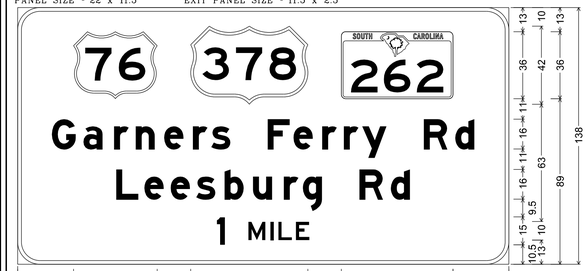


3.00" Radius, 1.00" Border, White on Green;
[EXIT] E; [6] E;
Table of distances between letter and object lefts.

	E	X	I	T	6		
11.18	9.41	10.65	3.78	19.85	11.95	11.18	

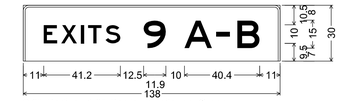
Sign No.: OH-32-9A-B
Number of Signs: 1
Reflec. Type: XI
Refers to sheet(s): SN27
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 22' x 11.5' EXIT PANEL SIZE - 11.5' x 2.5'



12.0" Radius, 2.0" Border, White on Green;
[Garners] E Mod; [Ferry] E Mod; [Rd] E Mod; [Leesburg] E Mod; [Rd] E Mod; [1] E; [MILE] E;
Table of distances between letter and object lefts.

30.0	63.0	81.0	60.0	30.0																		
18.4	G 17.0	a 16.4	r 11.6	n 15.3	e 15.5	r 9.9	s 30.3	F 13.9	e 15.4	r 11.6	r 9.9	y 33.1	R 16.9	d 10.4	18.4							
53.0	L 15.1	e 14.1	e 13.8	s 15.2	b 15.3	u 16.5	r 10.3	g 30.4	R 16.9	d 10.4	53.0											
107.1	I 17.0	M 11.8	I 4.2	L 9.5	E 7.3	107.1																

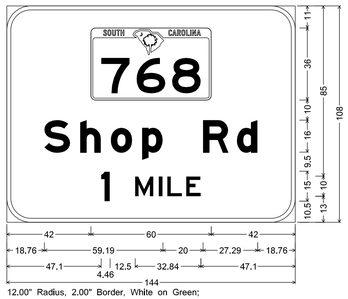


3.0" Radius, 1.0" Border, White on Green;
[EXITS] E; [9] E; [A-B] E;
Table of distances between letter and object lefts.

	E	X	I	T	S	9	A	-	B	
11.0	9.4	10.6	3.8	9.4	20.5	21.9	17.1	11.4	11.9	11.0

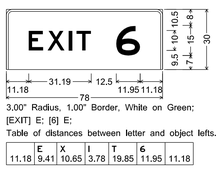
Sign No.: OH-33-6
Number of Signs: 1
Reflec. Type: XI
Refers to sheet(s): SN28
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 12' x 9' EXIT PANEL SIZE - 6.5' x 2.5'



12.00" Radius, 2.00" Border, White on Green;
[Shop] E Mod; [Rd] E Mod; [1] E; [MILE] E;
Table of distances between letter and object lefts.

42.00	60.00	42.00																				
18.76	S 17.88	h 15.31	o 15.60	p 30.40	R 16.89	d 10.40	18.76															
47.10	1 16.96	M 11.79	I 4.30	L 9.40	E 7.35	47.10																

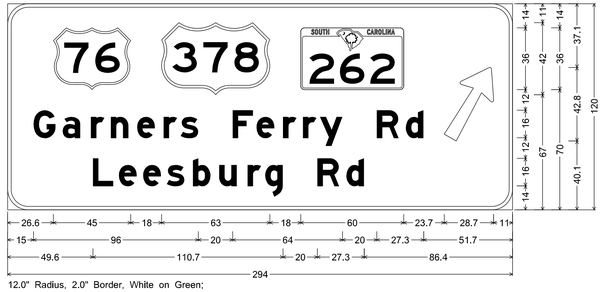


3.00" Radius, 1.00" Border, White on Green;
[EXIT] E; [6] E;
Table of distances between letter and object lefts.

	E	X	I	T	6		
11.18	9.41	10.65	3.78	19.85	11.95	11.18	

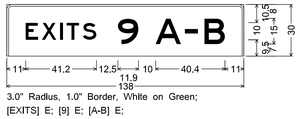
Sign No.: OH-34-9A-B
Number of Signs: 1
Reflec. Type: XI
Refers to sheet(s): SN29
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 24.5' x 10' EXIT PANEL SIZE - 11.5' x 2.5'



12.0" Radius, 2.0" Border, White on Green;
[Garners] E Mod; [Ferry] E Mod; [Rd] E Mod; [Leesburg] E Mod; [Rd] E Mod; Arrow 160 - 47.0° 60°;
Table of distances between letter and object lefts.

26.6	63.0	81.0	83.7	28.7	11.0																	
15.0	G 17.0	a 16.4	r 11.7	n 15.3	e 15.4	r 9.9	s 30.3	F 13.9	e 15.4	r 11.6	r 10.0	y 33.1	R 16.9	d 10.4	51.7							
49.6	L 15.2	e 14.1	e 13.7	s 15.2	b 15.3	u 16.6	r 10.2	g 30.4	R 16.9	d 10.4	86.4											

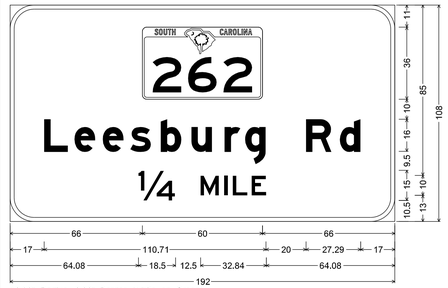


3.0" Radius, 1.0" Border, White on Green;
[EXITS] E; [9] E; [A-B] E;
Table of distances between letter and object lefts.

	E	X	I	T	S	9	A	-	B	
11.0	9.4	10.6	3.8	9.4	20.5	21.9	17.1	11.4	11.9	11.0

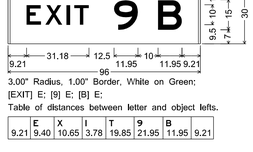
Sign No.: OH-35A-9B
Number of Signs: 1
Reflec. Type: XI
Refers to sheet(s): SN29
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 16' x 9' EXIT PANEL SIZE - 8' x 2.5'



12.00" Radius, 2.00" Border, White on Green;
[Leesburg] E Mod; [Rd] E Mod; [1/4] E; [MILE] E;
Table of distances between letter and object lefts.

66.00	60.00	66.00																				
17.00	L 15.12	e 14.12	e 13.76	s 15.21	b 15.30	u 16.54	r 10.26	g 30.40	R 16.89	d 10.40	17.00											
64.08	1/4 31.00	M 11.80	I 4.29	L 9.41	E 7.34	64.08																



3.00" Radius, 1.00" Border, White on Green;
[EXIT] E; [9] E; [B] E;
Table of distances between letter and object lefts.

	E	X	I	T	9	B		
9.21	9.40	10.65	3.78	19.85	21.95	11.95	9.21	

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA
HDR ENGINEERING INC. OF THE CAROLINAS
No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 24492
DAVID H. KEENE
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____
PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD SIGN DESIGN

I-77 DWG. NO. SN6F

1/10/2020
c:\pw working\east01\dli69078\SHT SN06F OH Sign design.dgn

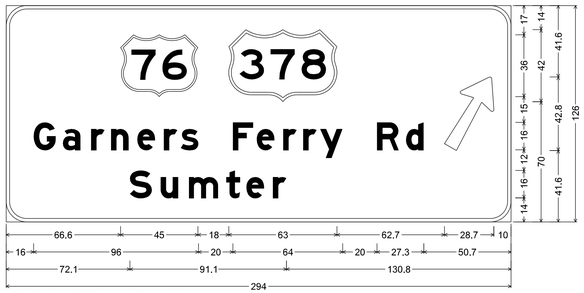
DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN6G

Sign No.: OH-35B-9A — Reflec. Type: XI — Number of Signs: 1 — Refers to sheet(s): SN29

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 24.5' x 10.5' EXIT PANEL SIZE - 8.5' x 2.5'



12.0" Radius, 2.0" Border, White on Green;
[Garners] E Mod; [Ferry] E Mod; [Rd] E Mod; [Sumter] E Mod; Arrow 160 - 47.0° 60°;
Table of distances between letter and object lefts.

	76	378			
66.6	63.0	125.7	28.7	10.0	
16.0	G 17.0	a 16.4	r 11.7	n 15.3	e 15.4	r 9.9	s 30.3	F 13.9	e 15.4	r 11.6	r 10.0	y 33.1	R 16.9	d 10.4	50.7
72.1	S 17.8	u 16.6	m 21.6	t 11.8	e 15.4	r 7.9	130.8								

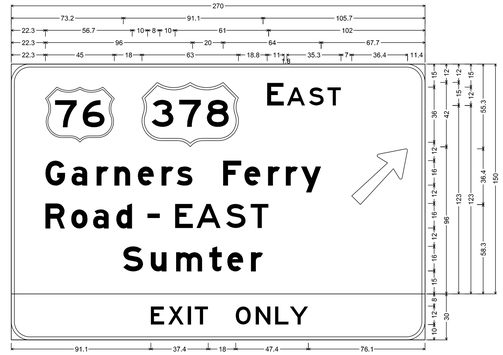
3.0" Radius, 1.0" Border, White on Green;
[EXIT] E; [9] E; [A] E;
Table of distances between letter and object lefts.

10.7	E 9.4	X 10.6	I 3.8	T 19.9	9 21.9	A 15.0	10.7	

Sign No.: OH-36-9A — Reflec. Type: XI — Number of Signs: 1 — Refers to sheet(s): SN29

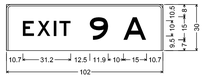
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 22.5' x 15' EXIT PANEL SIZE - 8.5' x 2.5'



12.0" Radius, 2.0" Border, White on, Green;
"EAST", E; "Garners", E Mod; "Ferry", E Mod; "Road", E Mod; "-", E; "EAST", E; "Sumter", E Mod;
Arrow 160 - 47.0° 45';
12.0" Radius, 2.0" Border, Black on, Yellow;
"EXIT", E; "ONLY", E;
Table of distances between letter and object lefts

	76	378													
22.3	53.0	81.8	E 12.8	A 14.5	S 12.0	T 15.8	36.4	11.4							
G 22.3	a 17.0	r 16.4	n 11.7	e 15.3	r 15.4	s 9.9	30.3	F 13.9	e 15.4	r 11.6	r 9.9	y 13.2	67.7		
R 22.3	o 16.9	a 14.2	d 15.2	- 20.4	E 18.0	A 13.9	S 19.3	T 16.1	11.7	102.0					
S 73.2	u 17.9	m 16.5	t 21.7	e 11.7	r 15.4	7.9	105.7								
E 91.1	X 11.3	I 12.8	T 4.5	O 26.8	N 13.1	12.6	L 9.7	Y 12.0	76.1						



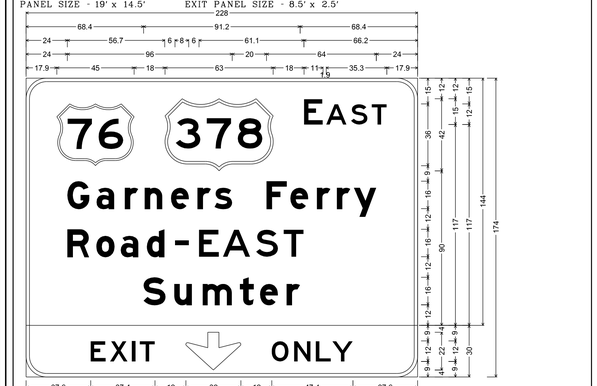
3.0" Radius, 1.0" Border, White on, Green;
"EXIT", E; "9", E; "A", E;
Table of distances between letter and object lefts

10.7	E 9.4	X 10.6	I 3.8	T 19.9	9 21.9	A 15.0	10.7	

Sign No.: OH-37-9A — Reflec. Type: XI — Number of Signs: 1 — Refers to sheet(s): SN30

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 19' x 14.5' EXIT PANEL SIZE - 8.5' x 2.5'



12.0" Radius, 2.0" Border, White on Green;
[EAST] E; [Garners] E Mod; [Ferry] E Mod; [Road] E Mod; [-] E; [EAST] E; [Sumter] E Mod;
12.0" Radius, 2.0" Border, Black on Yellow;
[EXIT] E; Down Arrow 22.0° 270°; [ONLY] E;
Table of distances between letter and object lefts.

	76	378													
17.9	63.0	81.0	E 12.9	A 14.4	S 12.1	T 8.8	17.9								
G 24.0	a 17.0	r 16.5	n 11.6	e 15.3	15.4	s 9.9	30.3	F 13.9	e 15.4	r 11.7	r 9.9	y 13.1	24.0		
R 24.0	o 16.9	a 14.2	d 15.2	- 16.4	E 14.0	A 19.3	S 16.0	T 11.8	66.2						
S 68.4	u 17.9	m 16.5	t 21.7	e 11.7	r 15.5	7.9	68.4								
E 37.6	X 11.3	I 12.8	T 4.5	O 26.8	N 13.1	50.0	L 12.6	Y 9.7	12.0	37.6					



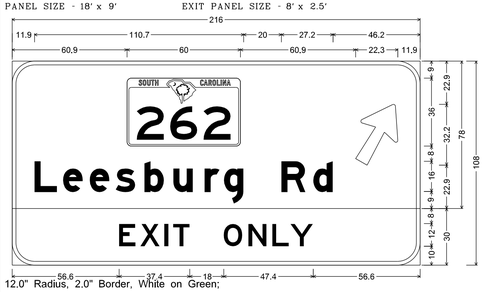
3.0" Radius, 1.0" Border, White on Green;
[EXIT] E; [9] E; [A] E;
Table of distances between letter and object lefts.

10.7	E 9.4	X 10.6	I 3.8	T 19.9	9 21.9	A 15.0	10.7	

Sign No.: OH-38-9B — Reflec. Type: XI — Number of Signs: 1 — Refers to sheet(s): SN30

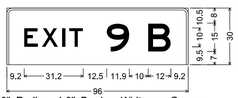
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 18' x 9' EXIT PANEL SIZE - 8' x 2.5'



12.0" Radius, 2.0" Border, White on Green;
[Leesburg] E Mod; [Rd] E Mod; Arrow 160 - 35.0° 60°;
12.0" Radius, 2.0" Border, Black on Yellow;
[EXIT] E; [ONLY] E;
Table of distances between letter and object lefts.

	262			
60.9	120.9	22.3	11.9	
L 11.9	e 15.1	e 14.1	s 13.8	b 15.2	u 15.3	r 16.5	g 10.3	R 30.4	d 16.8	10.4	46.2
E 56.6	X 11.3	I 12.8	T 4.5	O 26.8	N 13.1	L 12.6	Y 9.7	12.0	56.6		



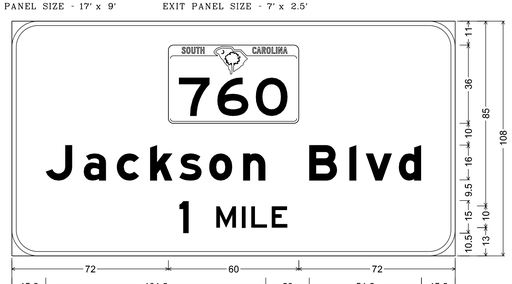
3.0" Radius, 1.0" Border, White on Green;
[EXIT] E; [9] E; [B] E;
Table of distances between letter and object lefts.

9.2	E 9.4	X 10.7	I 3.7	T 19.9	9 21.9	B 12.0	9.2	

Sign No.:OH-39-10, OH-64-10 — Reflec. Type: XI — Number of Signs: 2 — Refers to sheet(s): SN30, SN40

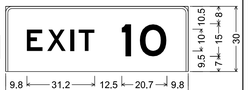
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 17' x 9' EXIT PANEL SIZE - 7' x 2.5'



12.0" Radius, 2.0" Border, White on, Green;
"Jackson", E Mod; "Blvd", E Mod; "1", E; "MILE", E;
Table of distances between letter and object lefts

	72.0	60.0	72.0												
15.6	J 17.5	a 15.2	c 15.3	k 13.4	s 13.8	o 15.6	n 30.4	B 18.5	l 7.5	v 15.2	d 10.4	15.6			
77.1	I 17.0	M 11.8	I 4.2	L 9.5	E 7.3	77.1									



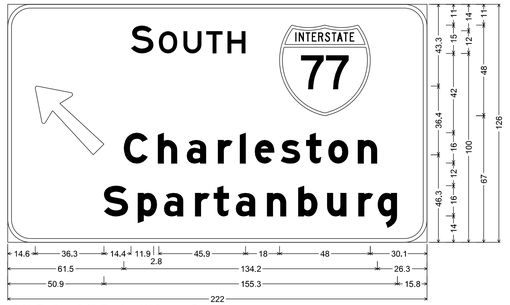
3.0" Radius, 1.0" Border, White on, Green;
"EXIT", E; "10", E;
Table of distances between letter and object lefts

9.8	E 9.4	X 10.6	I 3.8	T 19.9	1 8.3	O 12.4	9.8	

Sign No.: OH-41A — Reflec. Type: XI — Number of Signs: 1 — Refers to sheet(s): SN31

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 18.5' x 10.5'



12.0" Radius, 2.0" Border, White on Green;
Arrow 160 - 47.0" 135°; [SOUTH] E; [Charleston] E Mod; [Spartanburg] E Mod;
Table of distances between letter and object lefts.

14.6	S 50.7	S 14.7	O 13.0	U 12.1	T 11.3	H 27.5	48.0	30.1							
C 61.5	h 18.0	a 15.3	r 16.4	l 11.6	e 8.0	s 13.7	t 13.5	o 11.7	n 15.6	10.4	26.3				
S 50.9	p 17.9	a 13.9	r 16.4	t 9.9	a 11.8	n 16.4	b 16.6	u 15.3	r 16.5	g 10.2	10.4	15.8			

HDR ENGINEERING INC.
OF THE CAROLINAS

1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE CAROLINAS No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD SIGN DESIGN

I-77 DWG. NO. SN6G

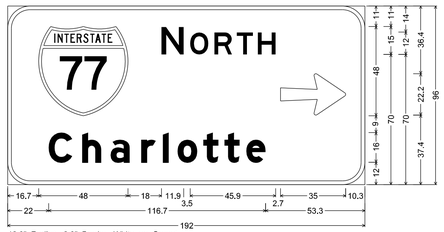
1/10/2020
c:\pwworking\east01\d1169078\SHT SN06G OH Sign design.dgn

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN6H

Sign No.: OH-41B Reflec. Type: XI
Number of Signs: 1 Refers to sheet(s): SN31
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 16' x 8'

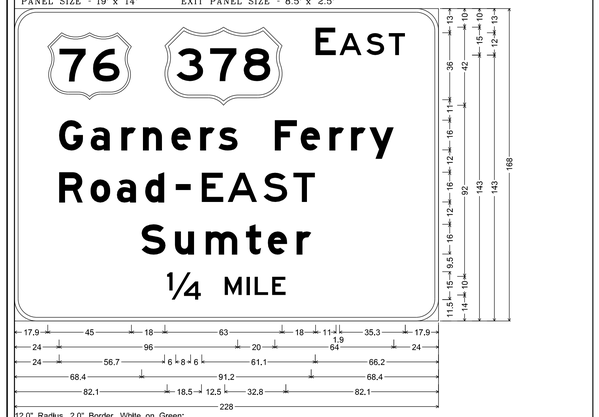


12.0" Radius, 2.0" Border, White on Green;
[NORTH] E; [Charlotte] E Mod; Arrow 160 - 35.0° 0°;
Table of distances between letter and object lefts,

	N	O	R	T	H	⇨		
16.7	66.0	15,4	13.0	12.1	11,3	12,2	35,0	10.3
C	h	a	r	l	o	t	t	e
22.0	18.0	15.3	16.5	11.6	7.9	13.9	11.3	11.8	10.4	53.3

Sign No.: OH-43A-9A Reflec. Type: XI
Number of Signs: 1 Refers to sheet(s): SN35
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 19' x 14' EXIT PANEL SIZE - 8.5' x 2.5'



12.0" Radius, 2.0" Border, White on Green;
[EAST] E: [Garners] E Mod; [Ferry] E Mod; [Road] E Mod; [-] E Mod; [EAST] E: [Sumter] E Mod;
[¼] E; [MILE] E:
Table of distances between letter and object lefts.

			E	A	S	T																		
17.9	63.0	81.0	12.9	14.4	12.1	8.8	17.9																	
G	a	r	n	e	r	s	F	e	r	r	y													
24.0	17.0	16.5	11.6	15.3	15.4	9.9	30.3	13.9	15.4	11.7	9.9	13.1	24.0											
R	o	a	d	-	E	A	S	T																
24.0	16.9	14.2	15.2	16.4	14.0	14.0	19.3	16.0	11.8	66.2														
S	u	m	t	e	r																			
68.4	17.9	16.5	21.7	11.7	15.5	7.9	68.4																	
¼	M	I	L	E																				
82.1	31.0	11.8	4.3	9.4	7.3	82.1																		

EXIT 9 A

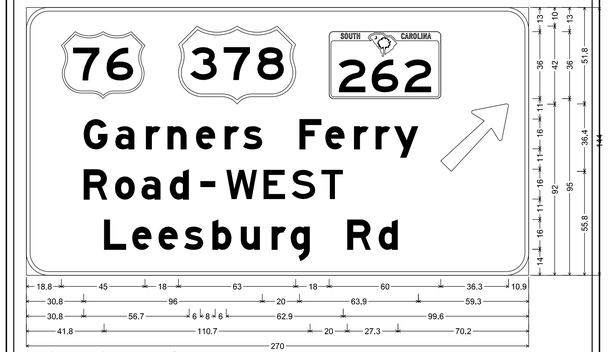
10.7 31.2 12.5 11.9 10 15 10.7
102
9.5 10 10.5 7 15 8 30

3.0" Radius, 1.0" Border, White on Green;
[EXIT] E: [9] E: [A] E:
Table of distances between letter and object lefts.

E	X	I	T	9	A			
10.7	9.4	10.6	3.8	19.9	21.9	15.0	10.7	

Sign No.: OH-43B-9B Reflec. Type: XI
Number of Signs: 1 Refers to sheet(s): SN35
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 22.5' x 12' EXIT PANEL SIZE - 8' x 2.5'



12.0" Radius, 2.0" Border, White on Green;
[Garners] E Mod; [Ferry] E Mod; [Road] E Mod; [-] E Mod; [WEST] E; [Leesburg] E Mod; [Rd] E Mod;
Arrow 160 - 47.0° 45°;
Table of distances between letter and object lefts.

18.8	63.0	81.0	60.0	36.3	10.9																			
G	a	r	n	e	r	s	F	e	r	r	y													
30.8	17.0	16.4	11.7	15.3	15.4	9.9	30.3	13.9	15.4	11.6	9.9	13.1	59.3											
R	o	a	d	-	W	E	S	T																
30.8	16.9	14.2	15.2	16.4	14.0	20.0	15.1	16.0	11.8	99.6														
L	e	e	s	b	u	r	g	R	d															
41.8	15.1	14.1	13.8	15.2	15.3	16.5	10.3	30.4	16.9	10.4	70.2													

EXIT 9 B

9.2 31.2 12.5 11.9 10 12 9.2
96
9.5 10 10.5 7 15 8 30

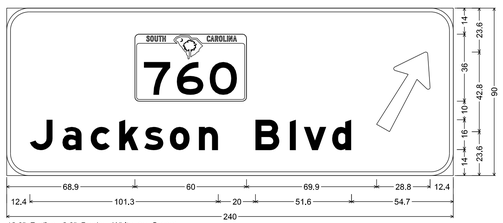
3.0" Radius, 1.0" Border, White on Green;
[EXIT] E: [9] E: [B] E:
Table of distances between letter and object lefts.

E	X	I	T	9	B			
9.2	9.4	10.7	3.7	19.9	21.9	12.0	9.2	

(FOR OH-44B, OH-46B SEE SHT, SN6H)

Sign No.: OH-44-10, OH-46-10 Reflec. Type: XI
Number of Signs: 2 Refers to sheet(s): SN36, SN37
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 20' x 7.5' EXIT PANEL SIZE - 7' x 2.5'



12.0" Radius, 2.0" Border, White on Green;
[Jackson] E Mod; [Blvd] E Mod; Arrow 160 - 47.0° 60°;
Table of distances between letter and object lefts.

		P									
68.9	129.9	28.8	12.4								
J	a	c	k	s	o	n	B	l	v	d	
12.4	17.5	15.2	15.4	13.4	13.8	15.6	30.4	18.5	7.5	15.2	10.4	54.7

EXIT 10

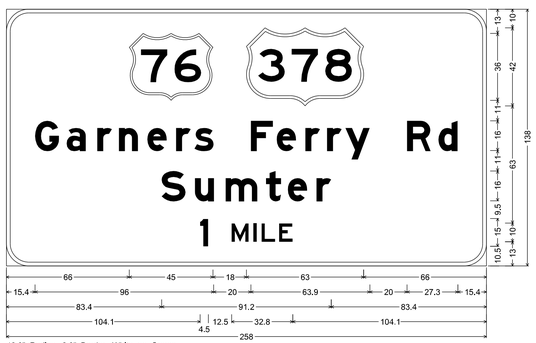
9.8 31.2 12.5 20.7 9.8
84
9.5 10 10.5 7 15 8 30

3.0" Radius, 1.0" Border, White on Green;
[EXIT] E; [10] E:
Table of distances between letter and object lefts.

E	X	I	T	1	O			
9.8	9.4	10.6	3.8	19.9	8.3	12.4	9.8	

Sign No.: OH-45-9B-A Reflec. Type: XI
Number of Signs: 1 Refers to sheet(s): SN37
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 21.5' x 11.5' EXIT PANEL SIZE - 11.5' x 2.5'



12.0" Radius, 2.0" Border, White on Green;
[Garners] E Mod; [Ferry] E Mod; [Rd] E Mod; [Sumter] E Mod; [1] E; [MILE] E:
Table of distances between letter and object lefts.

66.0	63.0	63.0	66.0																					
G	a	r	n	e	r	s	F	e	r	r	y	R	d											
15.4	17.0	16.4	11.6	15.3	15.4	9.9	30.3	13.9	15.4	11.6	9.9	33.1	16.9	10.4	15.4									
S	u	m	t	e	r																			
83.4	17.9	16.5	21.7	11.7	15.5	7.9	83.4																	
l	M	I	L	E																				
104.1	17.0	11.8	4.2	9.5	7.3	104.1																		

EXITS 9 B-A

11 41.2 12.5 11.9 10 40.4 11
138
9.5 10 10.5 7 15 8 30

3.0" Radius, 1.0" Border, White on Green;
[EXITS] E; [9] E; [B-A] E;
Table of distances between letter and object lefts.

E	X	I	T	S	9	B	-	A			
11.0	9.4	10.6	3.8	9.4	20.5	21.9	15.9	9.5	15.0	11.0	

Sign No.: OH-47-12 Reflec. Type: XI
Number of Signs: 1 Refers to sheet(s): SN40
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 27' x 12' EXIT PANEL SIZE - 7' x 2.5'



12.0" Radius, 2.0" Border, White on, Green;
"Forest", E Mod; "Drive", E Mod; "Strom", E Mod; "Thurmond", E Mod; "Blvd", E Mod; "Fort", E Mod; "Jackson", E Mod; "1", E; "MILE", E;

12.0" Radius, 2.0" Border, White on, Blue;
"HOSPITAL", E;
Table of distances between letter and object lefts

F	o	r	e	s	t	D	r	i	v	e														
83.0	13.9	15.6	10.3	13.7	13.5	28.1	18.1	11.6	7.6	15.2	10.4	83.0												
S	t	r	o	m	T	h	u	r	m	o	n	d	B	l	v	d								
17.7	16.1	13.1	10.3	15.6	37.2	16.6	16.5	11.6	22.1	15.6	15.3	30.4	18.5	7.5	15.2	10.4	17.7							
F	o	r	t	J	a	c	k	s	o	n														
77.6	13.9	15.6	9.9	28.1	17.5	15.2	15.4	13.4	13.8	15.6	10.4	77.6												
I	M	I	L	E																				
137.1	17.0	11.8	4.2	9.5	7.3	137.1																		
H	O	S	P	I	T	A	L																	
118.1	12.6	12.4	12.7	4.5	9.6	14.5	8.8	118.1																

EXIT 12

10 31.2 12.5 20.3 10
84
9.5 10 10.5 7 15 8 30

3.0" Radius, 1.0" Border, White on, Green;
"EXIT", E; "12", E;
Table of distances between letter and object lefts

E	X	I	T	1	2				
10.0	9.4	10.7	3.8	19.8	8.3	12.0	10.0		

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE CAROLINAS No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H KERR REGISTERED 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD SIGN DESIGN

I-77 DWG. NO. SN6H

1/10/2020
c:\pw working\east01\dl69078\SHT SN06H OH Sign design.dgn

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN61

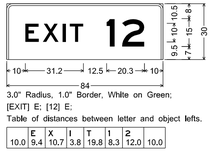
Sign No.: OH-48-12, OH-53-12 Reflec. Type: XI
Number of Signs: 2 Refers to sheet(s): SN41, SN44
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 29' x 8.5' EXIT PANEL SIZE - 7' x 2.5'



12.0" Radius, 2.0" Border, White on Green;
[Forest] E Mod; [Drive] E Mod; [Strom] E Mod; [Thurmond] E Mod; [Blvd] E Mod; [Fort] E Mod; [Jackson] E Mod; Arrow 160 - 47.0° 60°;
Table of distances between letter and object lefts.

	F	o	r	e	s	t	D	r	i	v	e	2															
78.9	13.9	15.6	10.2	13.8	13.4	28.2	18.1	11.6	7.5	15.3	82.7	28.8	10.0														
	S	t	r	o	m	T	h	u	r	m	o	n	d	B	l	v	d										
13.5	16.2	13.1	10.3	15.6	37.2	16.6	16.6	16.5	11.6	22.1	15.6	15.3	30.4	18.5	7.5	15.2	10.4	45.8									
	F	o	r	t	J	a	c	k	s	o	n																
73.5	13.9	15.6	9.9	28.1	17.5	15.2	15.4	13.4	13.8	15.6	10.4	105.7															

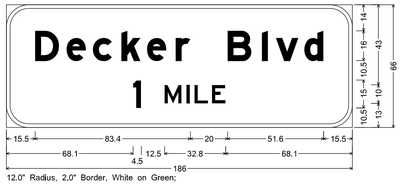


3.0" Radius, 1.0" Border, White on Green;
[EXIT] E; [12] E:
Table of distances between letter and object lefts.

	E	X	I	T	1	2			
10.0	9.4	10.7	3.8	19.8	8.3	12.0	10.0		

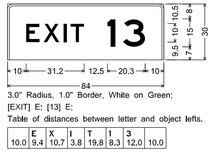
Sign No.: OH-49-13 Reflec. Type: XI
Number of Signs: 1 Refers to sheet(s): SN41
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 15.5' x 5.5' EXIT PANEL SIZE - 7' x 2.5'



12.0" Radius, 2.0" Border, White on Green;
[Decker] E Mod; [Blvd] E Mod; [1] E; [MILE] E:
Table of distances between letter and object lefts.

	D	e	c	k	e	r	B	l	v	d																	
15.5	16.9	14.1	15.3	13.8	15.4	27.9	18.5	7.5	15.2	10.4	15.5																
	1	M	I	L	E																						
68.1	17.0	11.8	4.2	9.5	7.3	68.1																					

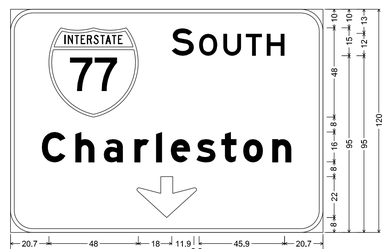


3.0" Radius, 1.0" Border, White on Green;
[EXIT] E: [13] E:
Table of distances between letter and object lefts.

	E	X	I	T	1	3			
10.0	9.4	10.7	3.8	19.8	8.3	12.0	10.0		

Sign No.: OH-50A Reflec. Type: XI
Number of Signs: 1 Refers to sheet(s): SN42
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 14' x 10'

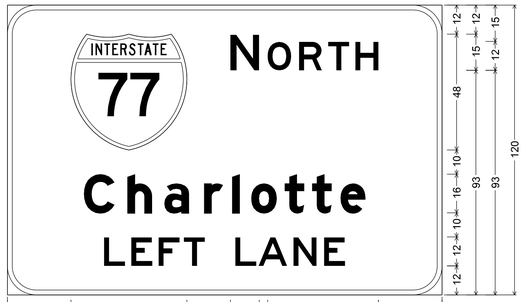


12.0" Radius, 2.0" Border, White on Green;
[SOUTH] E; [Charleston] E Mod; Down Arrow 22.0" 270°;
Table of distances between letter and object lefts.

	S	O	U	T	H																						
20.7	66.0	14.7	13.0	12.1	11.3	9.5	20.7																				
	C	h	a	r	l	e	s	t	o	n																	
16.9	18.0	15.3	16.4	11.6	8.0	13.7	13.5	11.7	15.6	10.4	16.9																
68.0	32.0	68.0																									

Sign No.: OH-51A Reflec. Type: XI
Number of Signs: 1 Refers to sheet(s): SN42
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 15 x 10'

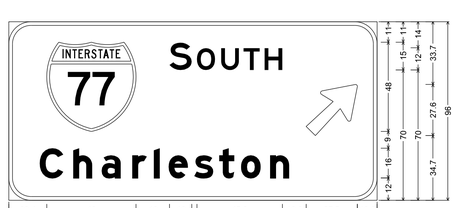


12.0" Radius, 2.0" Border, White on, Green;
"NORTH", E; "Charlotte", E Mod; "LEFT", E; "LANE", E;
Table of distances between letter and object lefts

	N	O	R	T	H																						
26.3	66.0	15.5	13.0	12.0	11.3	9.6	26.3																				
	C	h	a	r	l	o	t	t	e																		
31.7	18.0	15.3	16.4	11.6	8.0	13.8	11.4	11.7	10.4	31.7																	
	L	E	F	T	L	A	N	E																			
40.0	11.3	11.3	10.5	21.3	9.6	14.5	12.6	8.9	40.0																		

Sign No.: OH-51B Reflec. Type: XI
Number of Signs: 1 Refers to sheet(s): SN42
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 16.5' x 8'

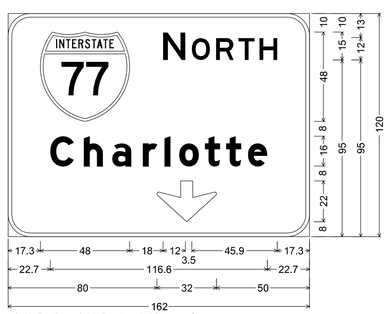


12.0" Radius, 2.0" Border, White on Green;
[SOUTH] E; [Charleston] E Mod; Arrow 160 - 35.0° 45°;
Table of distances between letter and object lefts.

	S	O	U	T	H																						
20.4	66.0	14.8	13.0	12.0	11.3	22.4	27.5	10.6																			
	C	h	a	r	l	e	s	t	o	n																	
16.6	18.0	15.3	16.5	11.6	7.9	13.8	13.4	11.8	15.6	10.4	47.1																

Sign No.: OH-52A Reflec. Type: XI
Number of Signs: 1 Refers to sheet(s): SN43
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 13.5' x 10'



12.0" Radius, 2.0" Border, White on Green;
[NORTH] E; [Charlotte] E Mod; Down Arrow 22.0" 270°;
Table of distances between letter and object lefts.

	N	O	R	T	H																						
17.3	66.0	15.5	13.0	12.0	11.3	9.6	17.3																				
	C	h	a	r	l	o	t	t	e																		
22.7	18.0	15.3	16.4	11.6	8.0	13.8	11.4	11.7	10.4	22.7																	
80.0	32.0	50.0																									

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE CAROLINAS No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. KEENE 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD SIGN DESIGN

I-77 DWG. NO. SN61

1/10/2020
c:\pw\working\east01\d0169078\SHT SN061 OH Sign design.dgn

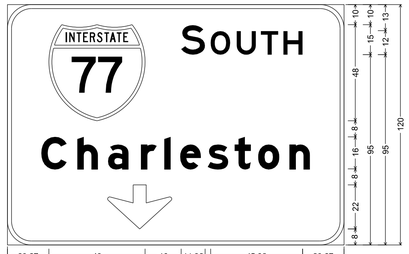
DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN6J

Sign No.: OH-52B | Reflec. Type: XI | Number of Signs: 1 | Refers to sheet(s): SN43

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 14' x 10'



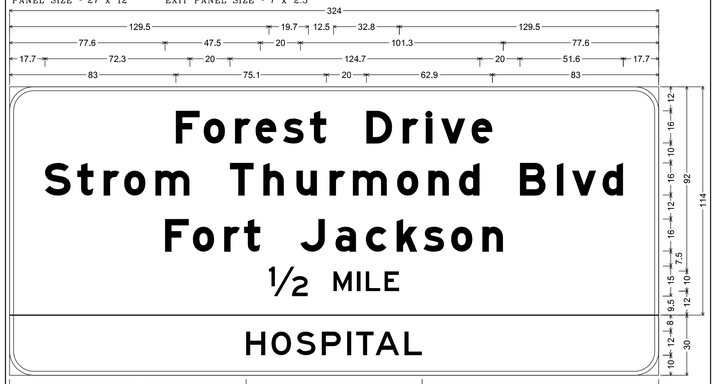
12.00" Radius, 2.00" Border, White on Green;
[SOUTH] E; [Charleston] E Mod; Down Arrow 22.00" 270°;
Table of distances between letter and object lefts.

20.67	66.00	S 14.74	O 13.03	U 12.04	T 11.28	H 9.57	20.67	
16.88	C 18.00	h 15.30	a 16.44	r 11.62	l 7.95	e 13.76	s 13.43	t 11.74	o 15.60	n 10.40	16.88
	50.00	32.00	86.00								

Sign No.: OH-54-12 | Reflec. Type: XI | Number of Signs: 1 | Refers to sheet(s): SN44

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 27' x 12' EXIT PANEL SIZE - 7' x 2.5'



12.0" Radius, 2.0" Border, White on Green;
[Forest] E Mod; [Drive] E Mod; [Strom] E Mod; [Thurmond] E Mod; [Blvd] E Mod; [Fort] E Mod; [Jackson] E Mod; [½] E; [MILE] E;
12.0" Radius, 2.0" Border, White on Blue;
[HOSPITAL] E:
Table of distances between letter and object lefts.

83.0	F 13.9	o 15.6	r 10.3	e 13.7	s 13.5	t 28.1	D 18.1	r 11.6	i 7.6	v 15.2	e 10.4	83.0												
17.7	S 16.1	t 13.1	r 10.3	o 15.6	m 37.2	T 16.6	h 16.6	u 16.5	r 11.6	m 22.1	o 15.6	n 15.3	d 30.4	B 18.5	l 7.5	v 15.2	d 10.4	17.7						
77.6	F 13.9	o 15.6	r 9.9	t 28.1	J 17.5	a 15.2	c 15.4	k 13.4	s 13.8	o 15.6	n 10.4	77.6												
129.5	½ 32.2	M 11.8	I 4.3	L 9.4	E 7.3	129.5																		
118.1	H 12.6	O 12.4	S 12.7	P 12.7	I 4.5	T 9.6	A 14.5	L 8.8	118.1															

EXIT 12

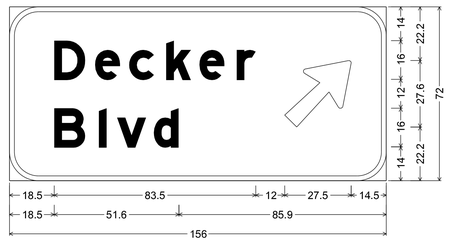
3.0" Radius, 1.0" Border, White on Green;
[EXIT] E: [12] E;
Table of distances between letter and object lefts.

10.0	E 9.4	X 10.7	I 3.8	T 19.8	1 8.3	2 12.0	10.0

Sign No.: OH-55-13 | Reflec. Type: XI | Number of Signs: 1 | Refers to sheet(s): SN45

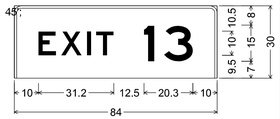
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 13' x 6' EXIT PANEL SIZE - 7' x 2.5'



12.0" Radius, 2.0" Border, White on, Green;
"Decker", E Mod; "Blvd", E Mod; Arrow 160 - 35.0° 45°;
Table of distances between letter and object lefts

18.5	D 16.9	e 14.1	c 15.4	k 13.7	e 15.5	r 19.9	27.5	14.5	
18.5	B 18.5	l 7.5	v 15.2	d 10.4	85.9				



3.0" Radius, 1.0" Border, White on, Green;
"EXIT", E; "13", E;
Table of distances between letter and object lefts

10.0	E 9.4	X 10.7	I 3.8	T 19.8	1 8.3	3 12.0	10.0

Sign No.: OH-56-15A-B | Reflec. Type: XI | Number of Signs: 1 | Refers to sheet(s): SN45

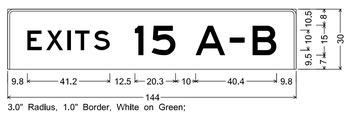
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 15' x 9' EXIT PANEL SIZE - 12' x 2.5'



12.0" Radius, 2.0" Border, White on Green;
[Percival] E Mod; [Rd] E Mod; [1] E; [MILE] E;
Table of distances between letter and object lefts.

66.0	48.0	66.0											
16.4	P 16.6	e 15.5	r 10.2	c 15.3	l 7.6	v 15.2	a 16.4	l 23.1	R 16.9	d 10.4	16.4		
65.1	1 17.0	M 11.8	I 4.2	L 9.5	E 7.3	65.1							



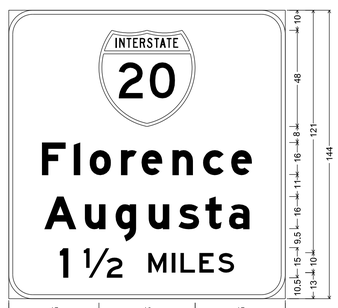
3.0" Radius, 1.0" Border, White on Green;
[EXITS] E: [15] E: [A-B] E:
Table of distances between letter and object lefts.

9.8	E 9.4	X 10.7	I 3.8	T 9.4	S 20.4	I 8.4	5 21.9	A 17.1	- 11.3	B 12.0	9.8	

Sign No.: OH-57-16 | Reflec. Type: XI | Number of Signs: 1 | Refers to sheet(s): SN48

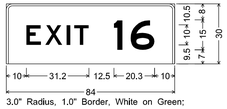
PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE - 11.5' x 12' EXIT PANEL SIZE - 7' x 2.5'



12.0" Radius, 2.0" Border, White on Green;
[Florence] E Mod; [Augusta] E Mod; [1] E; [½] E; [MILES] E;
Table of distances between letter and object lefts.

45.0	48.0	45.0											
16.6	F 15.9	l 7.9	o 15.6	r 10.3	e 15.4	n 15.3	c 14.0	e 10.4	16.6				
17.8	A 20.2	u 15.3	g 16.6	u 14.8	s 13.5	t 11.7	a 10.3	17.8					
25.5	1 11.9	½ 32.2	M 11.8	I 4.3	L 9.4	E 9.4	S 8.0	25.5					



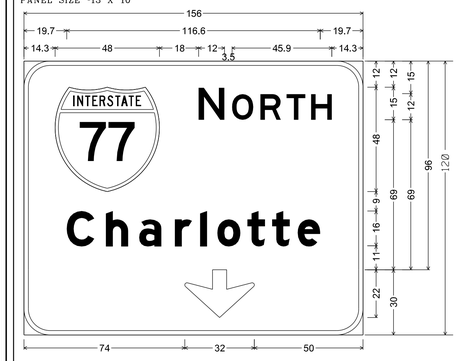
3.0" Radius, 1.0" Border, White on Green;
[EXIT] E: [16] E:
Table of distances between letter and object lefts.

10.0	E 9.4	X 10.7	I 3.8	T 19.8	1 8.3	6 12.0	10.0

Sign No.: OH-58A | Reflec. Type: XI | Number of Signs: 1 | Refers to sheet(s): SN21

PROJECT: I-77 RESIGNING
Project ID: P038337
SCDOT

PANEL SIZE -13' X 10'



12.0" Radius, 2.0" Border, White on, Green;
"NORTH", E; "Charlotte", E Mod;

12.0" Radius, 2.0" Border, White on, Green;
Down Arrow 22.00" 270°;
Table of distances between letter and object lefts

14.3	66.0	N 15.5	O 13.0	R 12.0	T 11.3	H 9.6	14.3						
19.7	C 18.0	h 15.3	a 16.4	r 11.6	l 8.0	o 13.8	t 11.4	t 11.7	e 10.4	19.7			
74.0	32.0	50.0											

HDR ENGINEERING INC.
OF THE CAROLINAS

1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE CAROLINAS No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER — No. 24492 — DAVID H. KEENE — 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD SIGN DESIGN

I-77 | DWG. NO. SN6J

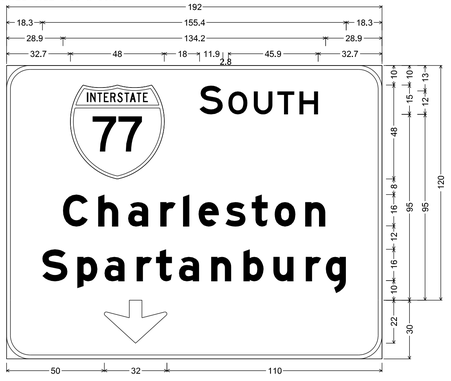
1/10/2020
c:\pwworking\east01\dli69078\SHT SN06J OH Sign design.dgn

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN6K

Sign No.: OH-58B | Reflec. Type: XI | PROJECT: I-77 RESIGNING
Number of Signs: 1 | Refers to sheet(s): SN21 | Project ID: P038337
SCDOT

PANEL SIZE - 16' x 12.5'



12.0" Radius, 2.0" Border, White on, Green;
"SOUTH", E; "Charleston", E Mod; "Spartanburg", E Mod;

12.0" Radius, 2.0" Border, White on, Green;
Down Arrow 22.0" 270°;
Table of distances between letter and object lefts

| | | |

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN6L

Sign No.: OH-62B Reflec. Type: XI
Number of Signs: 1 Refers to sheet(s): SN9
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 16.5' x 11'



12.0" Radius, 2.0" Border, White on Green;
[NORTH] E; [Charlotte] E Mod; Arrow 160 - 35.0° 135°; Arrow 160 - 35.0° 135°;
Table of distances between letter and object lefts.

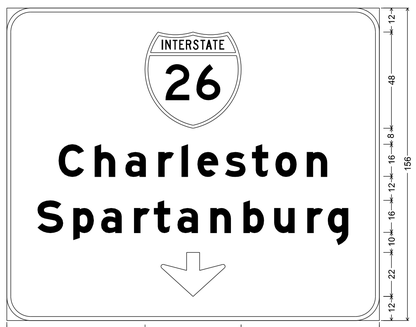
35.3	66.0	N 15.5	O 13.0	R 12.0	T 11.3	H 9.6	35.3

40.7	C 18.0	h 15.3	a 16.4	r 11.6	l 8.0	o 13.8	t 11.4	t 11.7	e 10.4	40.7

13.2	144.1	27.5	13.2

Sign No.: OH-62C Reflec. Type: XI
Number of Signs: 1 Refers to sheet(s): SN9
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 15.5' x 13'



12.0" Radius, 2.0" Border, White on Green;
[Charleston] E Mod; [Spartanburg] E Mod; Down Arrow 22.0° 270°;
Table of distances between letter and object lefts.

69.0	48.0	69.0

25.9	C 18.0	h 15.3	a 16.4	r 11.6	l 8.0	e 13.7	s 13.5	t 11.7	o 15.6	n 10.4	25.9

15.3	S 17.9	p 13.9	a 16.4	r 10.0	t 11.7	a 16.4	n 16.6	b 15.3	u 16.5	r 10.3	g 10.4	15.3

77.0	32.0	77.0

Sign No.: OH-63A Reflec. Type: XI
Number of Signs: 1 Refers to sheet(s): SN14
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 15.5' x 12'



12.0" Radius, 2.0" Border, White on Green;
[SOUTH] E; [Charleston] E Mod; [Spartanburg] E Mod; [LEFT] E; [LANE] E;
Table of distances between letter and object lefts.

29.7	66.0	S 14.7	O 13.0	U 12.1	T 11.3	H 9.5	29.7

25.9	C 18.0	h 15.3	a 16.4	r 11.6	l 8.0	e 13.7	s 13.5	t 11.7	o 15.6	n 10.4	25.9

15.3	S 17.9	p 13.9	a 16.4	r 10.0	t 11.7	a 16.4	n 16.6	b 15.3	u 16.5	r 10.3	g 10.4	15.3

43.3	L 11.3	E 11.3	F 10.4	T 20.8	L 9.7	A 14.4	N 12.7	E 8.8	43.3

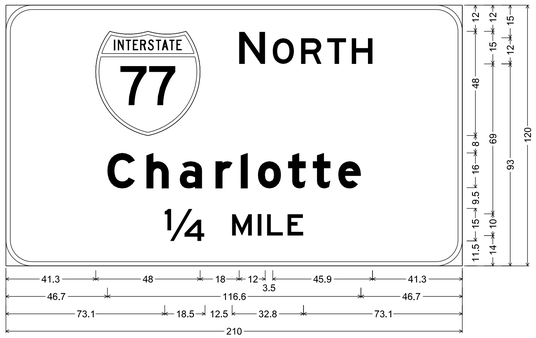
Sign No.: Reflec. Type: XI
Number of Signs: Refers to sheet(s):
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE -

BLANK

Sign No.: OH-42A Reflec. Type: XI
Number of Signs: 1 Refers to sheet(s): SN31
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE 17.5' x 10'



12.0" Radius, 2.0" Border, White on, Green;
"NORTH", E; "Charlotte", E Mod; "¼", E; "MILE", E;
Table of distances between letter and object lefts

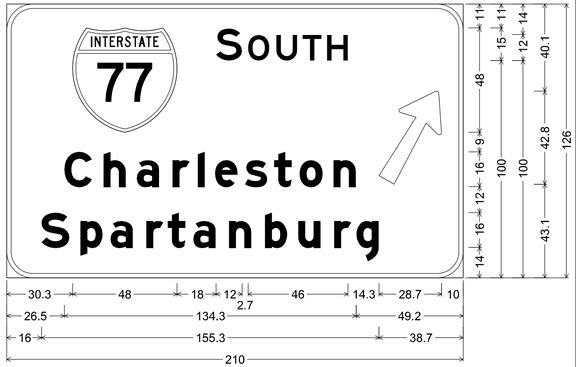
41.3	66.0	N 15.5	O 13.0	R 12.0	T 11.3	H 9.6	41.3

46.7	C 18.0	h 15.3	a 16.4	r 11.6	l 8.0	o 13.8	t 11.4	t 11.7	e 10.4	46.7

73.1	¼ 31.0	M 11.8	I 4.3	L 9.4	E 7.3	73.1

Sign No.: OH-42B Reflec. Type: XI
Number of Signs: 1 Refers to sheet(s): SN31
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE 17.5' x 10.5'



12.0" Radius, 2.0" Border, White on, Green;
"SOUTH", E; "Charleston", E Mod; "Spartanburg", E Mod;
Arrow 160 - 47.0" 60';
Table of distances between letter and object lefts

30.3	66.0	S 14.7	O 13.1	U 12.0	T 11.3	H 23.9	28.7	10.0	

26.5	C 18.0	h 15.3	a 16.5	r 11.6	l 7.9	e 13.8	s 13.4	t 11.8	o 15.6	n 10.4	49.2

16.0	S 17.9	p 13.8	a 16.5	r 9.9	t 11.7	a 16.5	n 16.5	b 15.3	u 16.5	r 10.3	g 10.4	38.7

HDR ENGINEERING INC. OF THE CAROLINAS
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COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE CAROLINAS No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. KEENE 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD SIGN DESIGN

I-77 DWG. NO. SN6L

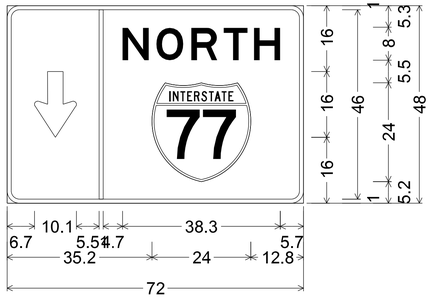
1/10/2020
c:\pw_working\east01\dli69078\SHT SN06L OH Sign design.dgn

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN6M

Sign No.: OH-SW-1A Reflec. Type: XI
Number of Signs: 1 Refers to sheet(s): SN14
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 6' x 4'



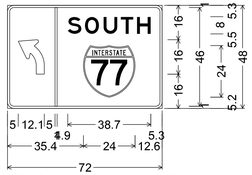
3.0" Radius, 1.0" Border, White on, Green;
ARO2;
"NORTH", E 90% spacing;
Table of distances between letter and object lefts

	⇩	|	N	O	R	T	H	
6.7	15.6	5.7	8.3	8.4	7.9	7.4	6.3	5.7

	77	
35.2	24.0	12.8

Sign No.: OH-SW-1B, OH-FS-3 Reflec. Type: XI
Number of Signs: 2 Refers to sheet(s): SN14, SN42
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 6' x 4'



3.0" Radius, 1.0" Border, White on Green;
ARROW; [SOUTH] E;
Table of distances between letter and object lefts.

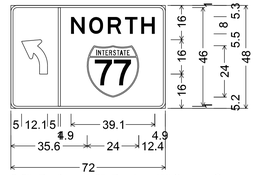
	⇩	|
5.0	17.1	

	S	O	U	T	H	
5.9	8.1	8.7	8.0	7.5	6.4	5.3

	77	
35.4	24.0	12.6

Sign No.: OH-SW-2A Reflec. Type: XI
Number of Signs: 1 Refers to sheet(s): SN14
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 6' x 4'



3.0" Radius, 1.0" Border, White on Green;
ARROW; [NORTH] E;
Table of distances between letter and object lefts.

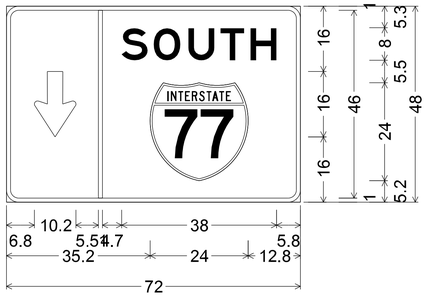
	⇩	|
5.0	17.1	

	N	O	R	T	H	
5.9	8.5	8.7	8.0	7.5	6.4	4.9

	77	
35.6	24.0	12.4

Sign No.: OH-SW-2B Reflec. Type: XI
Number of Signs: 1 Refers to sheet(s): SN14
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 6' x 4'



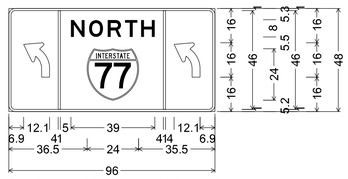
3.0" Radius, 1.0" Border, White on, Green;
ARO2;
"SOUTH", E 90% spacing;
Table of distances between letter and object lefts

	⇩	|	S	O	U	T	H	
6.8	15.7	5.7	7.9	8.5	7.8	7.4	6.4	5.8

	77	
35.2	24.0	12.8

Sign No.: OH-FS-4A Reflec. Type: XI
Number of Signs: 1 Refers to sheet(s): SN42
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE - 8' x 4'



3.0" Radius, 1.0" Border, White on Green;
ARROW; [NORTH] E; ARROW;
Table of distances between letter and object lefts.

	⇩	|	N	O	R	T	H
6.9	16.1	6.0	8.4	8.7	8.0	7.5	

	|	⇩		
10.4	5.0	12.1	6.9		

	77	
36.5	24.0	35.5

Sign No.:
Number of Signs:
Reflec. Type: XI
Refers to sheet(s):
PROJECT: I-77 RESIGNING Project ID: P038337 SCDOT

PANEL SIZE -

BLANK

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE CAROLINAS No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. KEENE 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD SIGN DESIGN

I-77 DWG. NO. SN6M

1/10/2020
c:\pwworking\east01\dli69078\SHT SN06M OH Sign design.dgn

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN6N

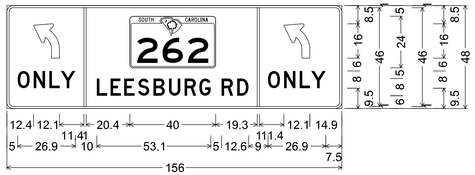
Sign No.: | Reflec. Type: XI | PROJECT: I-77 RESIGNING Project ID: P038337
Number of Signs: | Refers to sheet(s): | SCDOT

PANEL SIZE -

BLANK

Sign No.: OH-FS-5A | Reflec. Type: XI | PROJECT: I-77 RESIGNING Project ID: P038337
Number of Signs: 1 | Refers to sheet(s): SN31 | SCDOT

PANEL SIZE - 13' x 4'



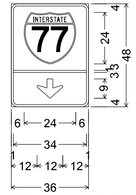
3.0" Radius, 1.0" Border, White on Green;
ARO; [ONLY] D; [LEESBURG] D; [RD] D; ARO;
[ONLY] D;
Table of distances between letter and object lefts.

12.4	23.5	21.4	59.3	12.4	12.1	14.9	

5.0	O 7.5	N 7.3	L 5.3	Y 16.8	L 6.4	E 6.3	E 6.4	S 7.3	B 7.2	U 7.3	R 6.8	G	
			R 10.4	D 7.3	O 14.3	N 7.5	L 7.3	Y 5.4	6.7	7.5			

Sign No.: OH-FS-5B | Reflec. Type: XI | PROJECT: I-77 RESIGNING Project ID: P038337
Number of Signs: 1 | Refers to sheet(s): SN31 | SCDOT

PANEL SIZE - 3' x 4'

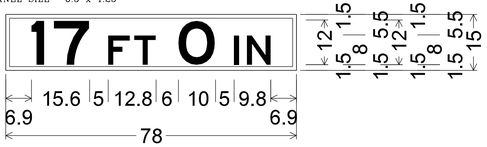


3.0" Radius, 1.0" Border, White on Green;
Down Arrow Custom - 9.0" 270°;
Table of distances between letter and object lefts.

6.0	77 24.0	6.0
1.0	34.0	1.0
12.0	12.0	12.0

Sign No.: W12-29-78-XX | Reflec. Type: VII or IX | PROJECT: I-77 RESIGNING Project ID: P038337
Number of Signs: 10 | SCDOT

PANEL SIZE - 6.5' x 1.25'



Identifier : W12-2P-78-19.9
No border, None on Black;
[17] White E; [FT] White E;
[0] White E; [IN] White E;
Table of distances between letter and object lefts.

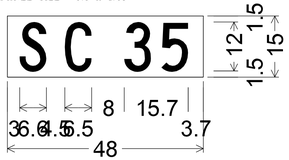
6.9	1 6.0	7 14.6	F 7.0	T 11.8	O 15.0	I 3.4	N 6.4	6.9

SIGNS REQUIRED

2 EA. W12-2P-78-17.0
2 EA. W12-2P-78-17.9
1 EA. W12-2P-78-18.7
1 EA. W12-2P-78-17.4
1 EA. W12-2P-78-17.2
1 EA. W12-2P-78-17.3
1 EA. W12-2P-78-22.2
1 EA. W12-2P-78-25.1

Sign No.: OHB-M1-5-48-35 | Reflec. Type: VII or IX | PROJECT: I-77 RESIGNING Project ID: P038337
Number of Signs: 2 | SCDOT

PANEL SIZE - 6.5' x 1.25'

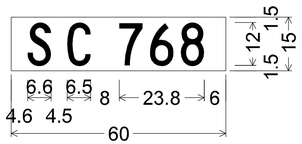


OHB-M1-5-54-35 ;
No border, None on, Black;
"S" White, C;
"C" White, C;
"35" White, C;
Table of distances between letter and object lefts

3.0	S 11.1	C		
	14.5	3 9.1	5 6.6	3.7

Sign No.: OHB-M1-5-60-768 | Reflec. Type: VII or IX | PROJECT: I-77 RESIGNING Project ID: P038337
Number of Signs: 1 | SCDOT

PANEL SIZE - 6.5' x 1.25'



Identifier : OHB-M1-5-60-768
No border, None on Black;
[S] White C;
[C] White C;
[768] White C;
Table of distances between letter and object lefts.

4.6	S 11.1	C 14.5	7 8.6	6 8.6	8 6.6	6.0	

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SOUTH CAROLINA HDR ENGINEERING INC. OF THE CAROLINAS No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. KEENE 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
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2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE = N/A

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD SIGN DESIGN

I-77 | DWG. NO. SN6N

1/10/2020
c:\pwworking\east01\dll69078\SHT SN06N OH Sign design.dgn

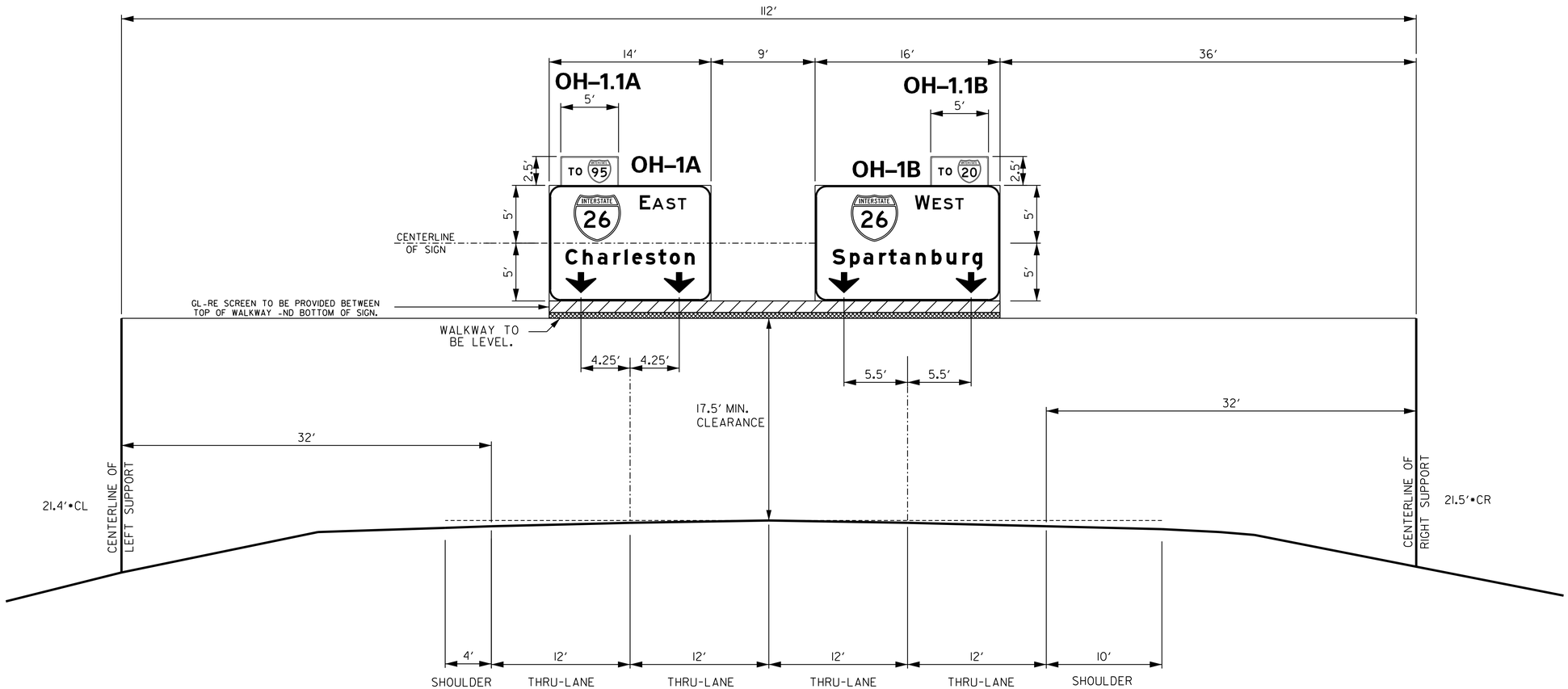
DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL.-ND	P038337	I-77	SN7

REFERENCE PLAN SHEET SN11

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.



•BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH

OVERHEAD STRUCTURE NO. 1
I–77
STA. 424+50
I–77 SOUTHBOUND
LEXINGTON CO. SCALE: 1″ = 5′

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. KEENE 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE I″ = 5′

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.
I-77 RESIGNING
OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7

1/10/2020
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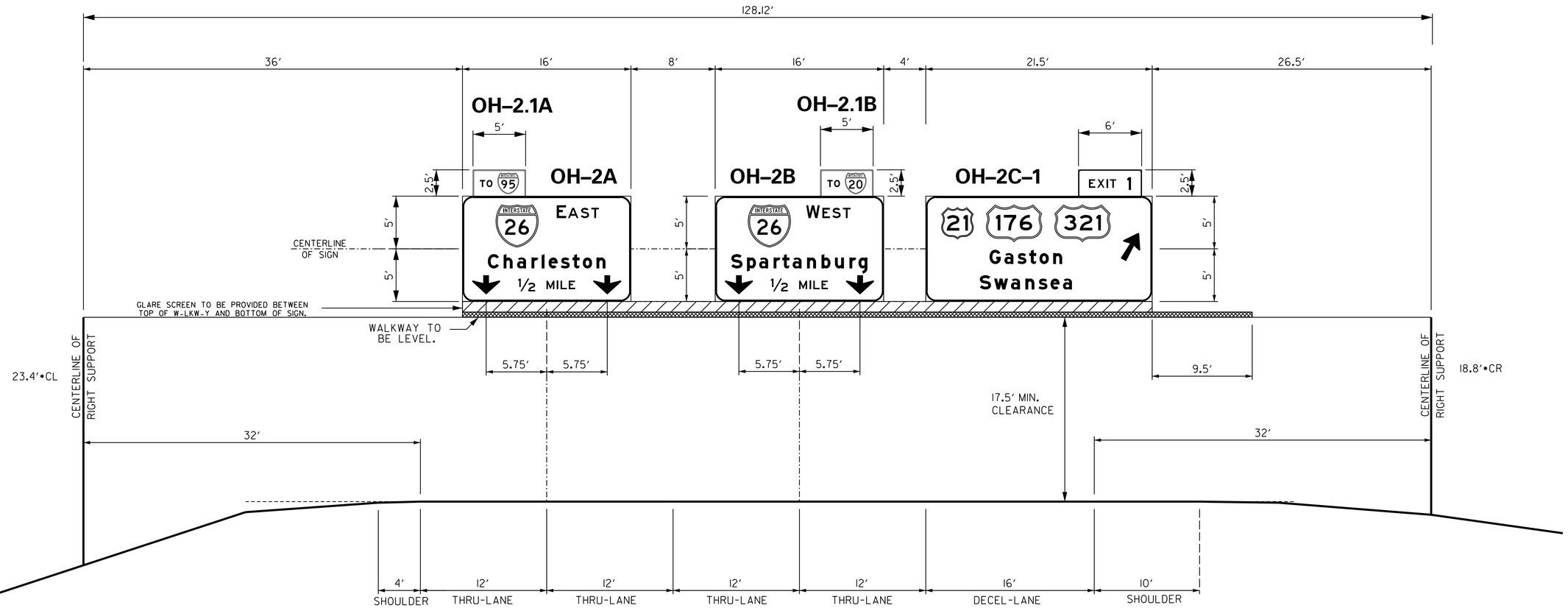
REFERENCE PLAN SHEET SN11

FED. RD. DIV. NO.	ST.-TE	COUNTY	PROJECT ID	RD.O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL.-ND	P038337	I-77	SN7A

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.



*BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH

OVERHEAD STRUCTURE NO. 2
I–77
STA. 444+50
I–77 SOUTHBOUND
LEXINGTON CO. SCALE: 1″ = 5′

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. KEENE
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. ____ D-TE ____
DWG. ____ D-TE ____
R/W ____ D-TE ____
PL-N SC-LE I″ = 5′

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.
I-77 RESIGNING
OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7A

1/10/2020
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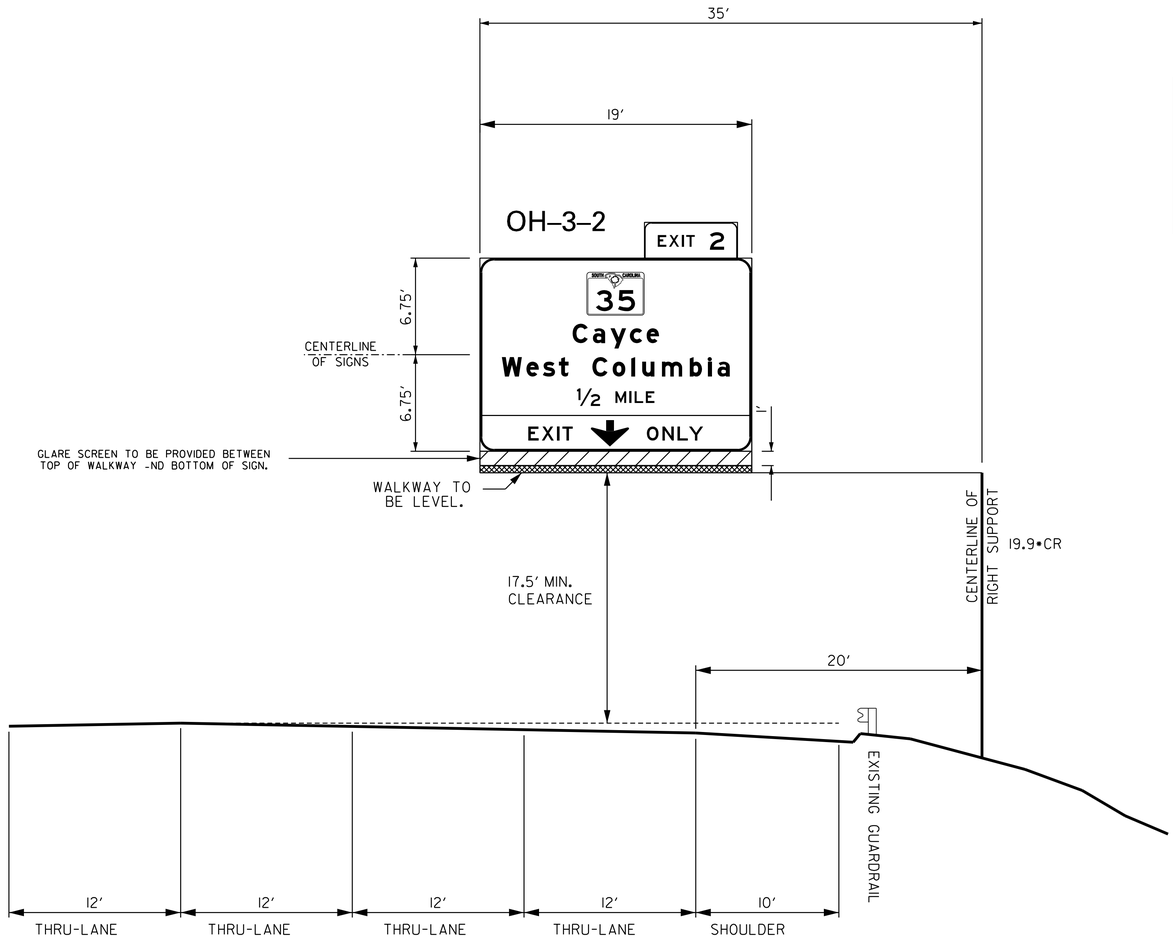
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7B

REFERENCE PLAN SHEET SN12

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



•BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH

OVERHEAD STRUCTURE NO. 3
I–77
STA. NO. 448 + 45
I–77 NORTHBOUND
LEXINGTON CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE C.ROLIN-S No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — DAVID H. HOOD — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____ PL-N SC-LE I″ = 5′
R/W _____ D-TE _____

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7B

1/10/2020
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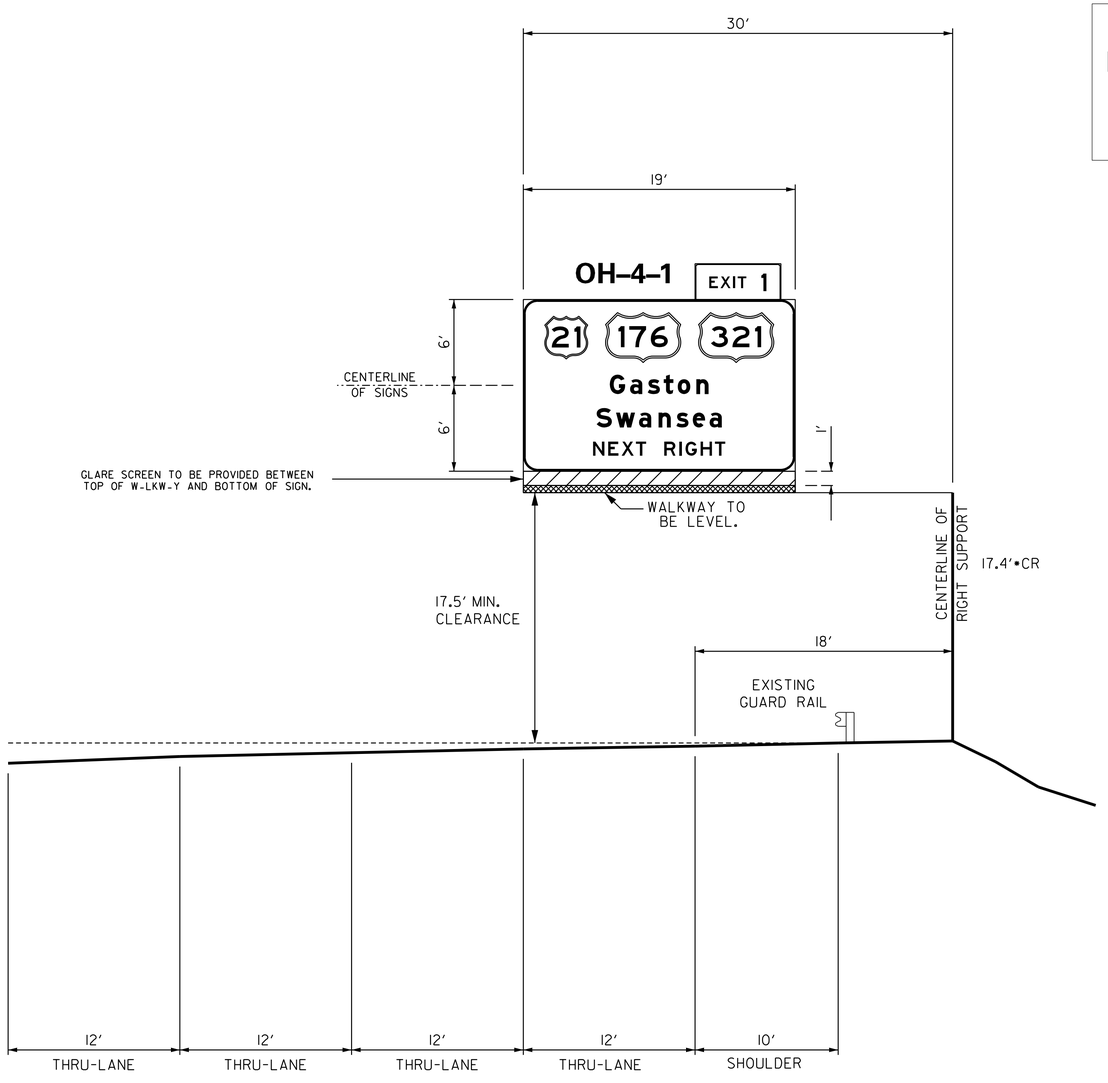
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7C

REFERENCE PLAN SHEET SN12

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



•BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH

OVERHEAD STRUCTURE NO. 4
I–77
STA. 462 + 11
I–77 SOUTHBOUND
LEXINGTON CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. KEENE 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1″ = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7C

1/10/2020
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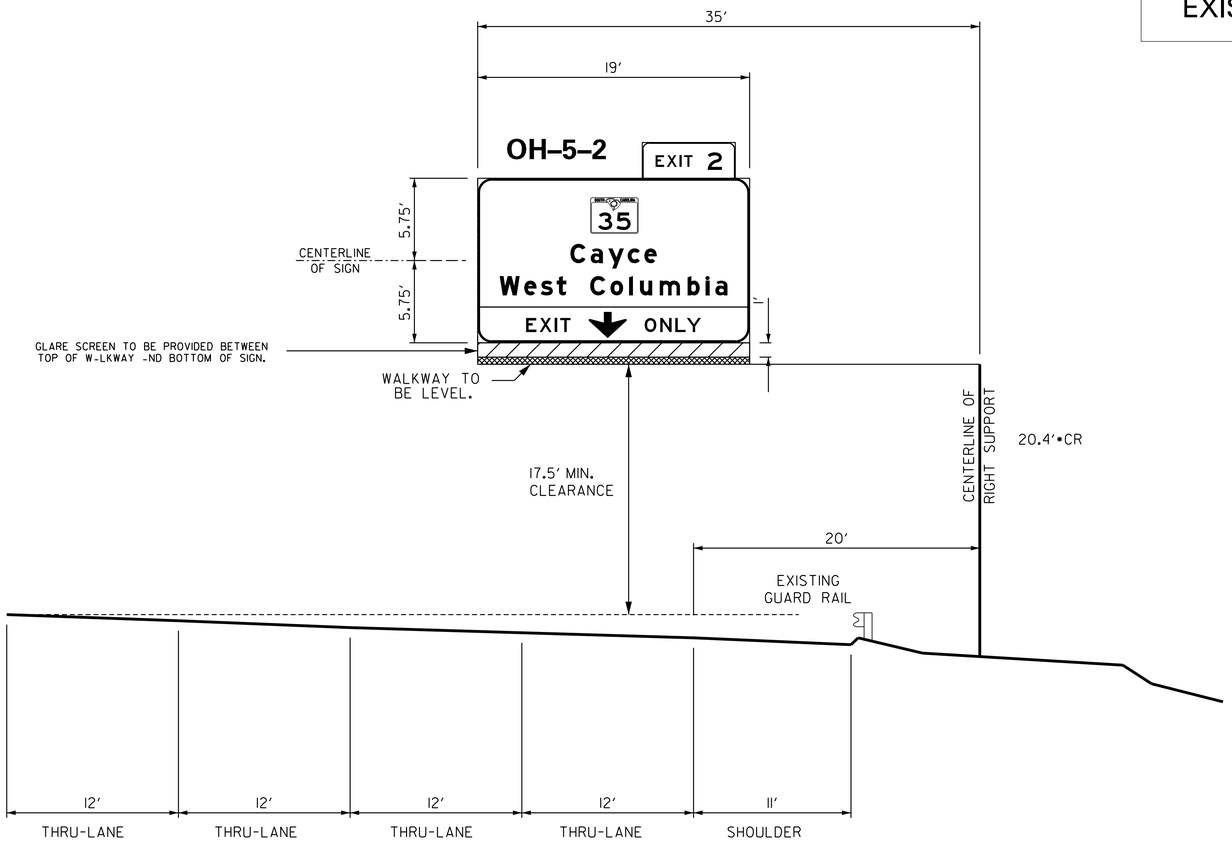
REFERENCE PLAN SHEET SN12

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7D

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



•BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH

OVERHEAD STRUCTURE NO. 5
I-77
STA. NO. 460+00
I-77 NORTHBOUND
LEXINGTON CO. SCALE: 1″ = 5′

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — DAVID H. KENNEDY — REGISTERED
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1″ = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7D

1/10/2020
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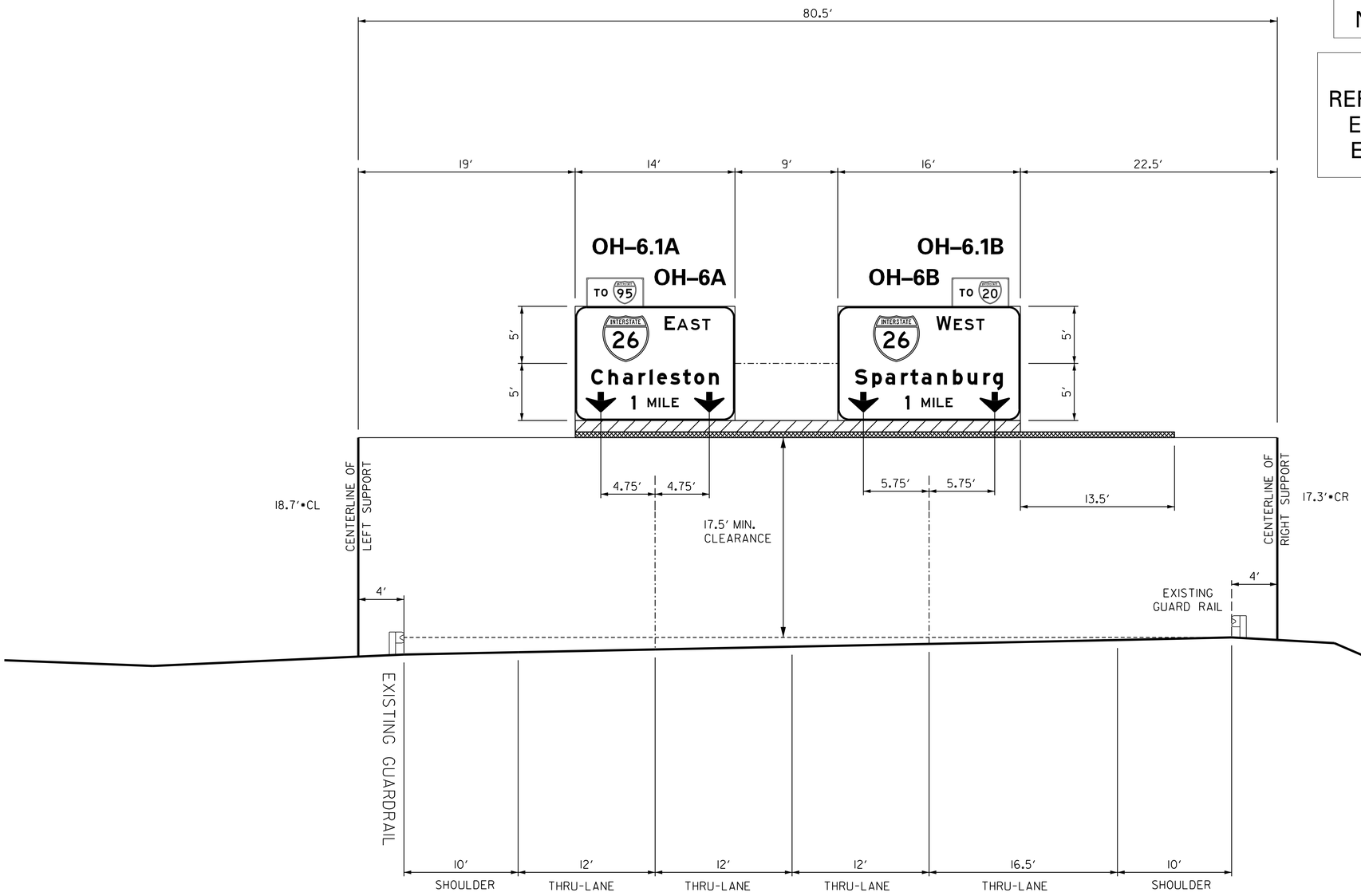
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7E

REFERENCE PLAN SHEET SN12

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



*BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH

OVERHEAD STRUCTURE NO. 6
I–77
STA. 471+90
I–26 WESTBOUND
LEXINGTON CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE C.ROLIN.S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. HEDRICK 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. ____ D-TE ____
DWG. ____ D-TE ____ PL-N SC-LE I″ = 5′
R/W ____ D-TE ____

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7E

1/10/2020
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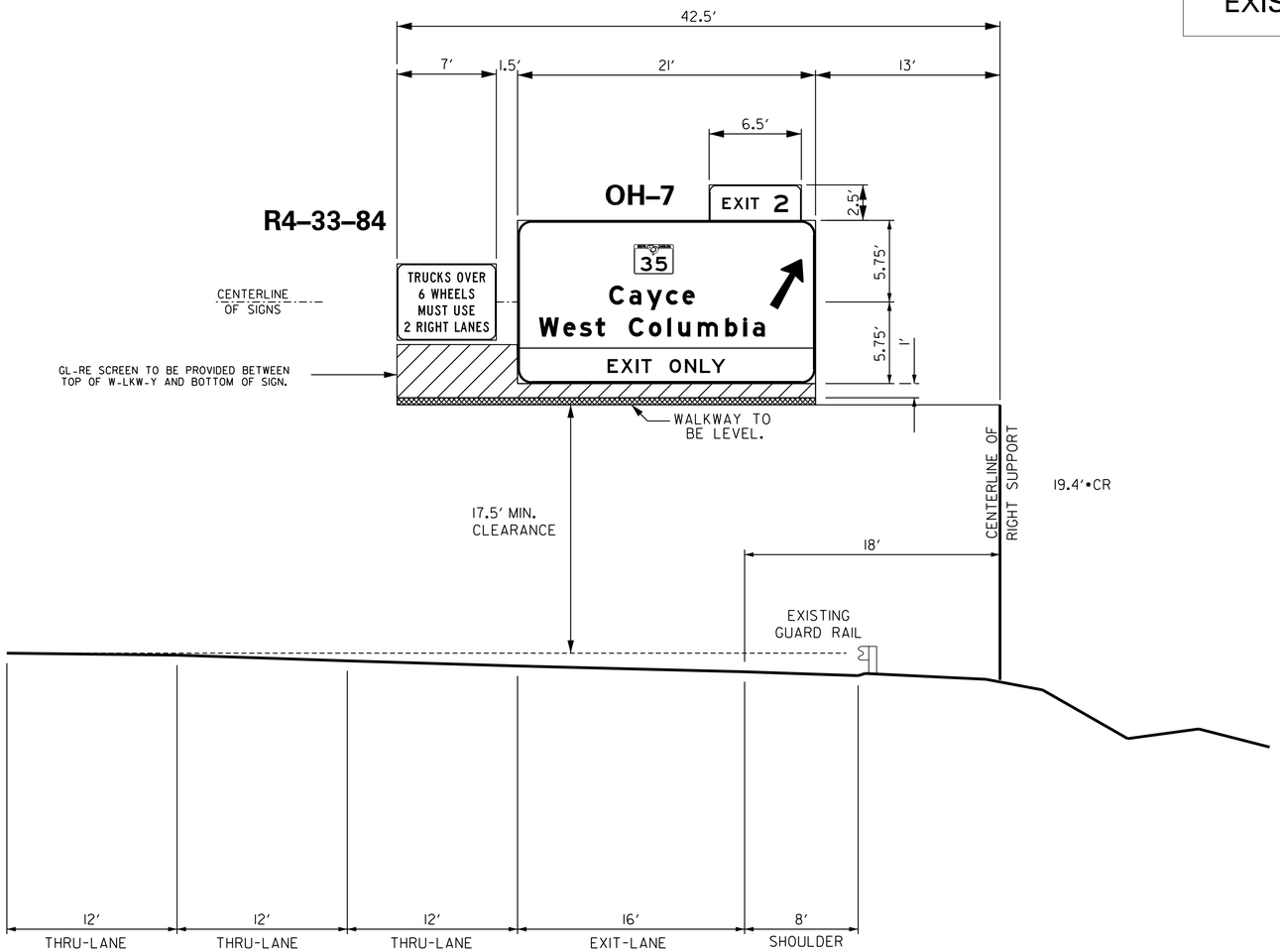
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7F

REFERENCE PLAN SHEET SN12

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



•BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH

OVERHEAD STRUCTURE NO. 7
I-77
STA. 459+00
I-77 NORTHBOUND
LEXINGTON CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA
HDR ENGINEERING INC.
OF THE C.ROLIN.S
No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 24492
DAVID H. HOOD
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____ PL-N SC-LE I″ = 5′
R/W _____ D-TE _____

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.
I-77 RESIGNING
OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7F

1/10/2020
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REFERENCE PLAN SHEET SN13

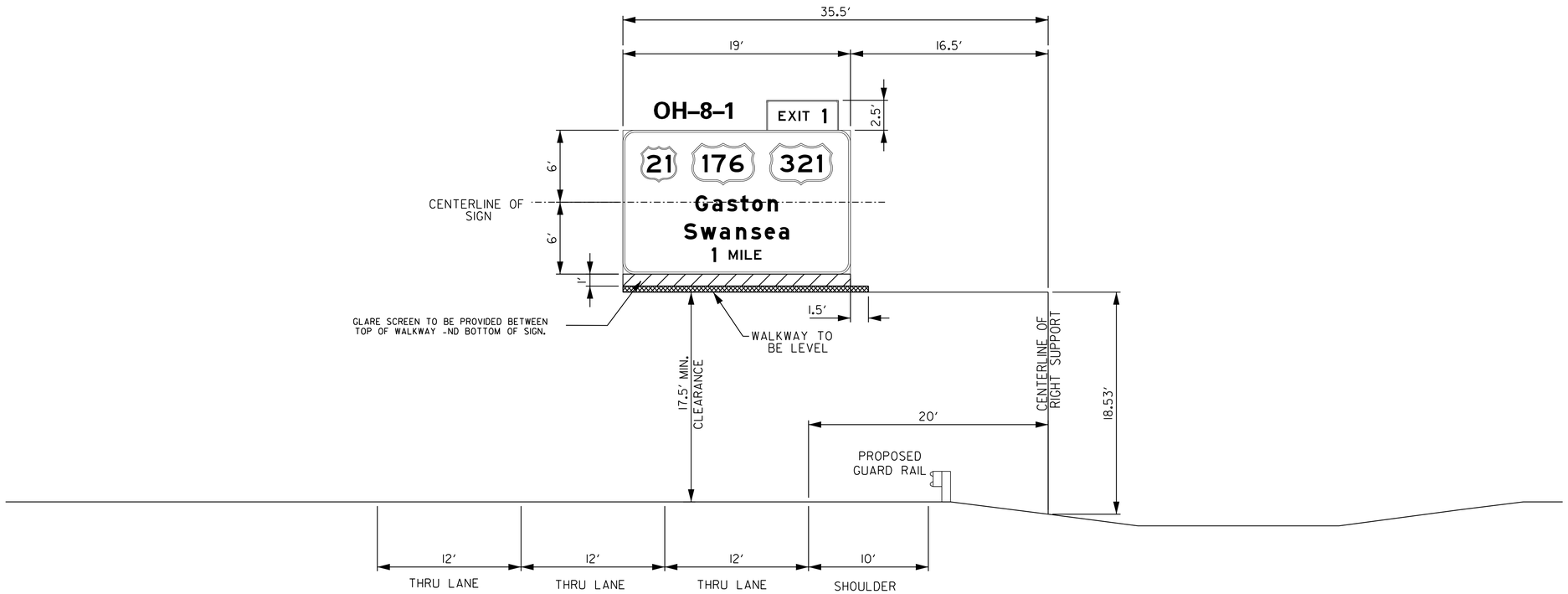
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL.-ND	P038337	I-77	SN7G

ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN

NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.



*BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH

OVERHEAD STRUCTURE NO. 8
I–77
STA. 843+50
I–77 SOUTHBOUND
LEXINGTON CO. SCALE: 1" = 5′

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. KING 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1" = 5′

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.
I-77 RESIGNING
OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7G

1/10/2020
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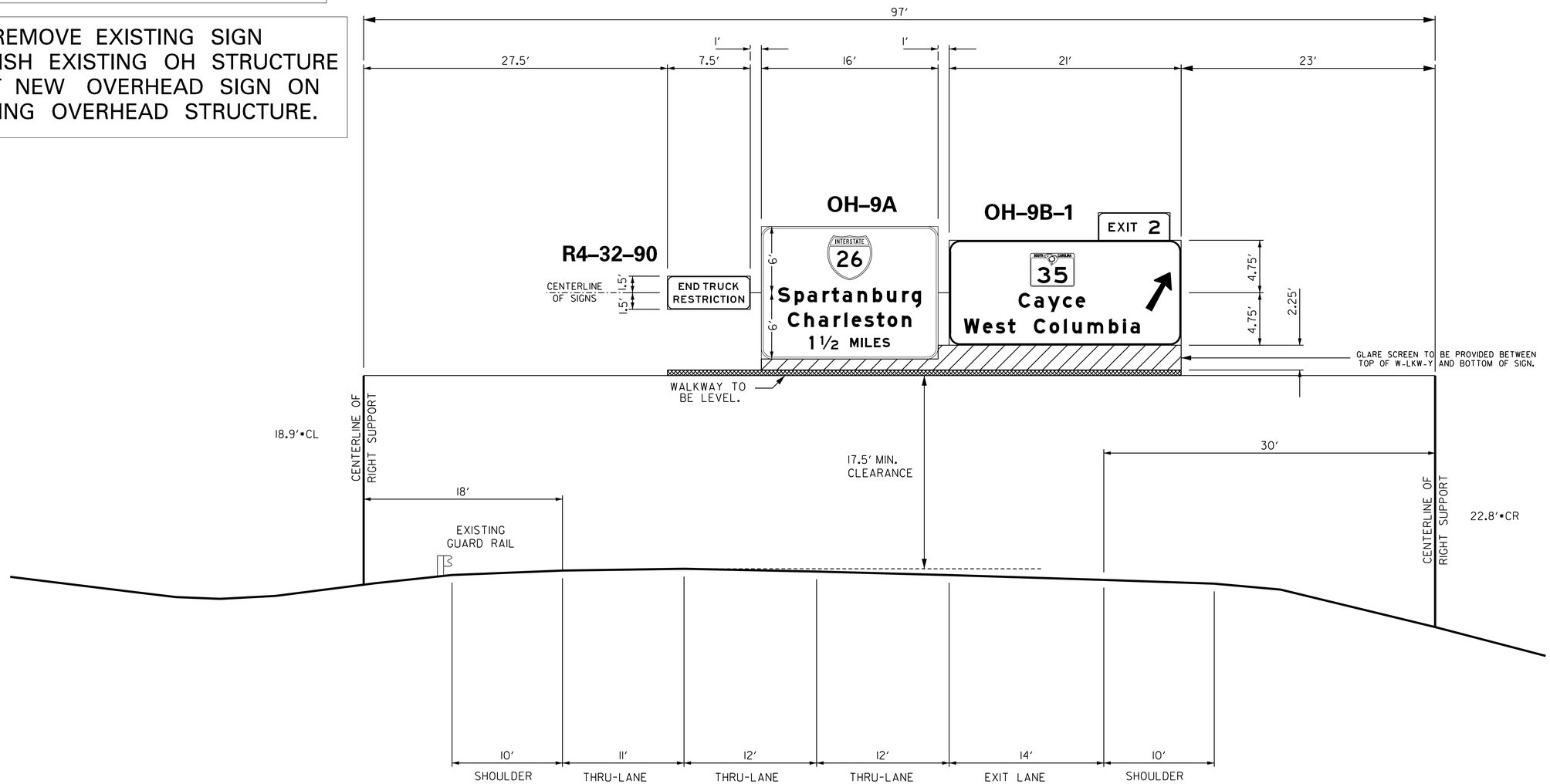
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7H

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.

REFERENCE PLAN SHEET SN13



*BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH

OVERHEAD STRUCTURE NO. 9
I–77
STA. 487 + 25
I–77 SOUTHBOUND
LEXINGTON CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — DAVID H. HEISE — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE I* = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.
I-77 RESIGNING
OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7H

1/10/2020
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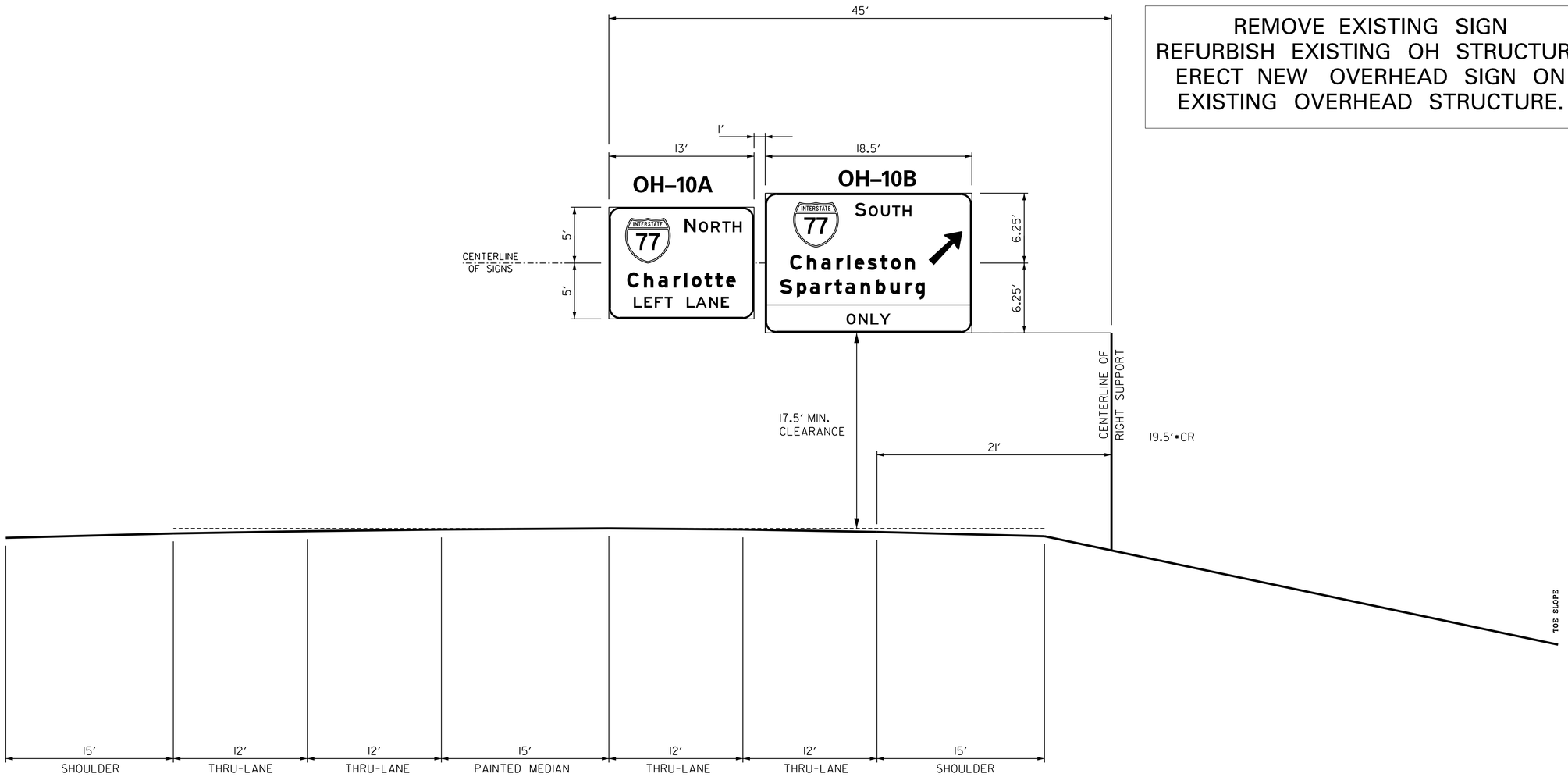
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN71

REFERENCE PLAN SHEET SN14

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



*BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH

OVERHEAD STRUCTURE NO. 10
SC–35 (12th STREET EXT.)
STA. NO. 241+40
SC–35 SOUTHBOUND
LEXINGTON CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — DAVID H. KELLEY — REGISTERED — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1″ = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING
OVERHEAD CROSS SECTION

I-77 DWG. NO. SN71

1/13/2020
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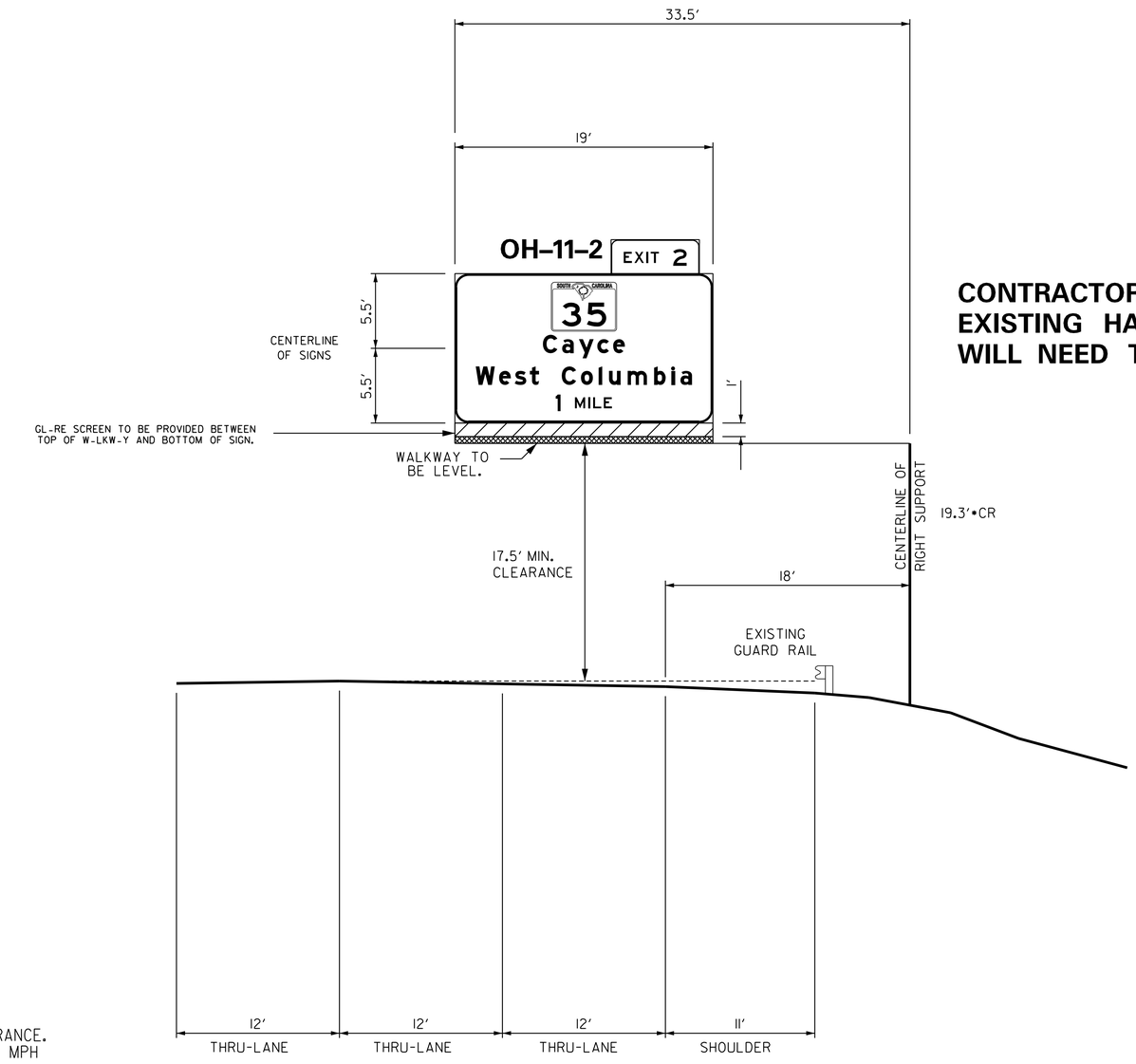
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7J

REFERENCE PLAN SHEET SN16

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



CONTRACTOR NOTE:
EXISTING HANDRAIL DAMAGED AND WILL NEED TO BE REPLACED.

*BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH

OVERHEAD STRUCTURE NO. 11
I–77
STA. 541+00
I–77 SOUTHBOUND
LEXINGTON CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA
HDR ENGINEERING INC.
OF THE C.ROLIN.S
No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 24492
DAVID H. [illegible]
1/13/2020

REV. NO.	BY	D.TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D.TE _____
DWG. _____ D.TE _____
R/W _____ D.TE _____
PL.N SC.LE I″ = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING
OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7J

1/10/2020
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FED. RD. DIV. NO.	ST.TE	COUNTY	PROJECT ID	RD.O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL.ND	P038337	I-77	SN7K

REFERENCE PLAN SHEET SN17

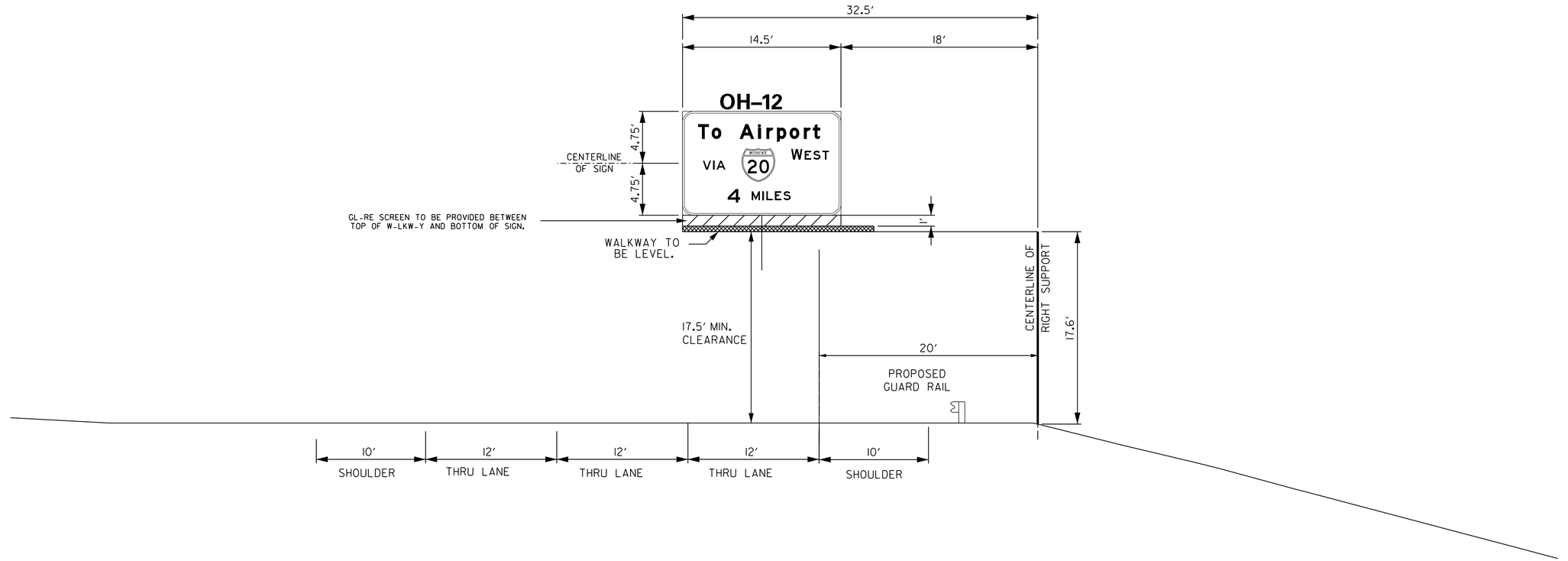
NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.

ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN

NOTE:
CONTRACTOR SHALL FIELD VERIFY
VERTICAL AND HORIZONTAL DIMENSIONS.



*BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH

OVERHEAD STRUCTURE NO. 12

I–77

STA. 559+50

I–77 SOUTHBOUND

RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE C.ROLIN.S No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — DAVID H. TEAGUE — REGISTERED
1/13/2020

REV. NO.	BY	D.TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D.TE _____
DWG. _____ D.TE _____
R/W _____ D.TE _____
PL.N SC.LE I″ = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7K

1/10/2020
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DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL.-ND	P038337	I-77	SN7L

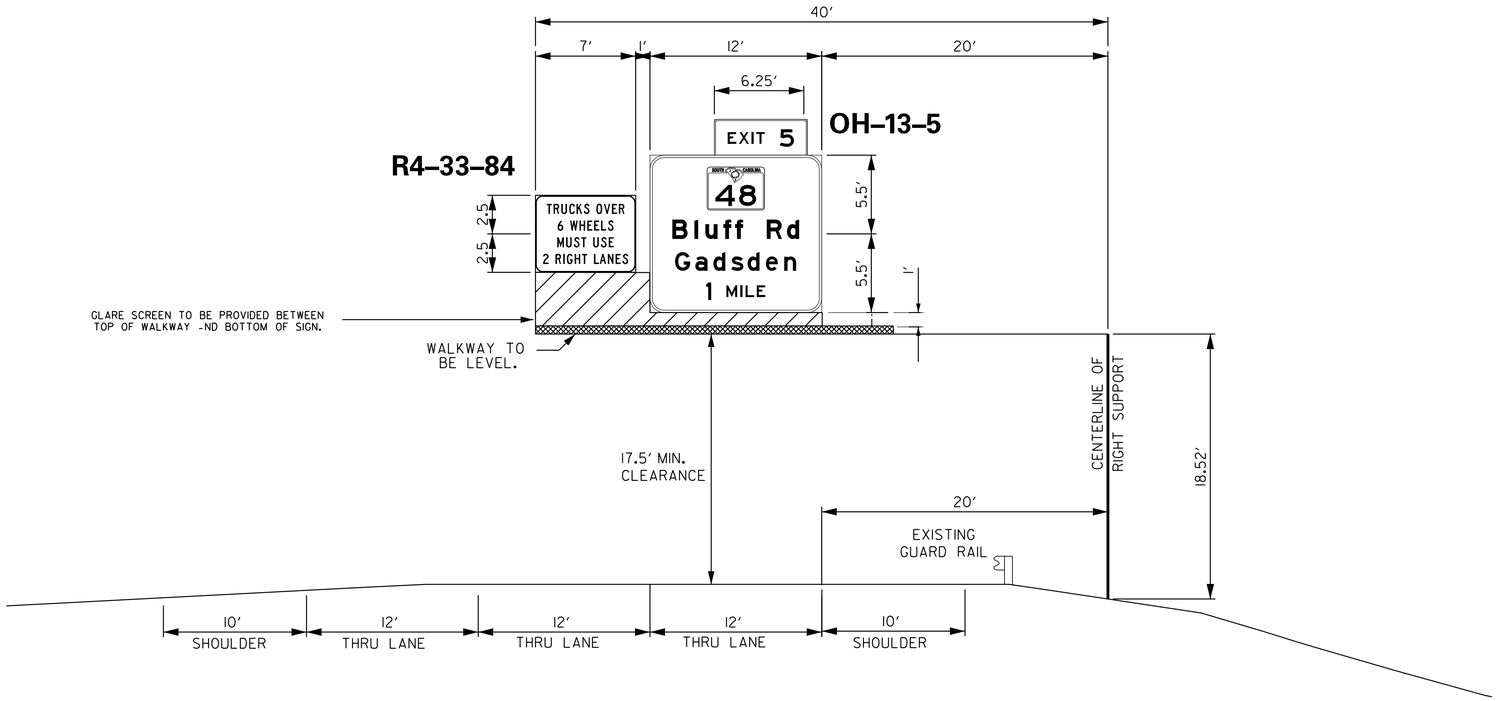
REFERENCE PLAN SHEET SN17

ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN

NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.



*BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH

OVERHEAD STRUCTURE NO. 13

I–77

STA. 600+00

I–77 NORTHBOUND

RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE CAROLINAS — No. C0318 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — DAVID H. HEDGE — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____ PL-N SC-LE 1″ = 5′
R/W _____ D-TE _____

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7L

1/10/2020
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DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICH. -ND	P038337	I-77	SN7M

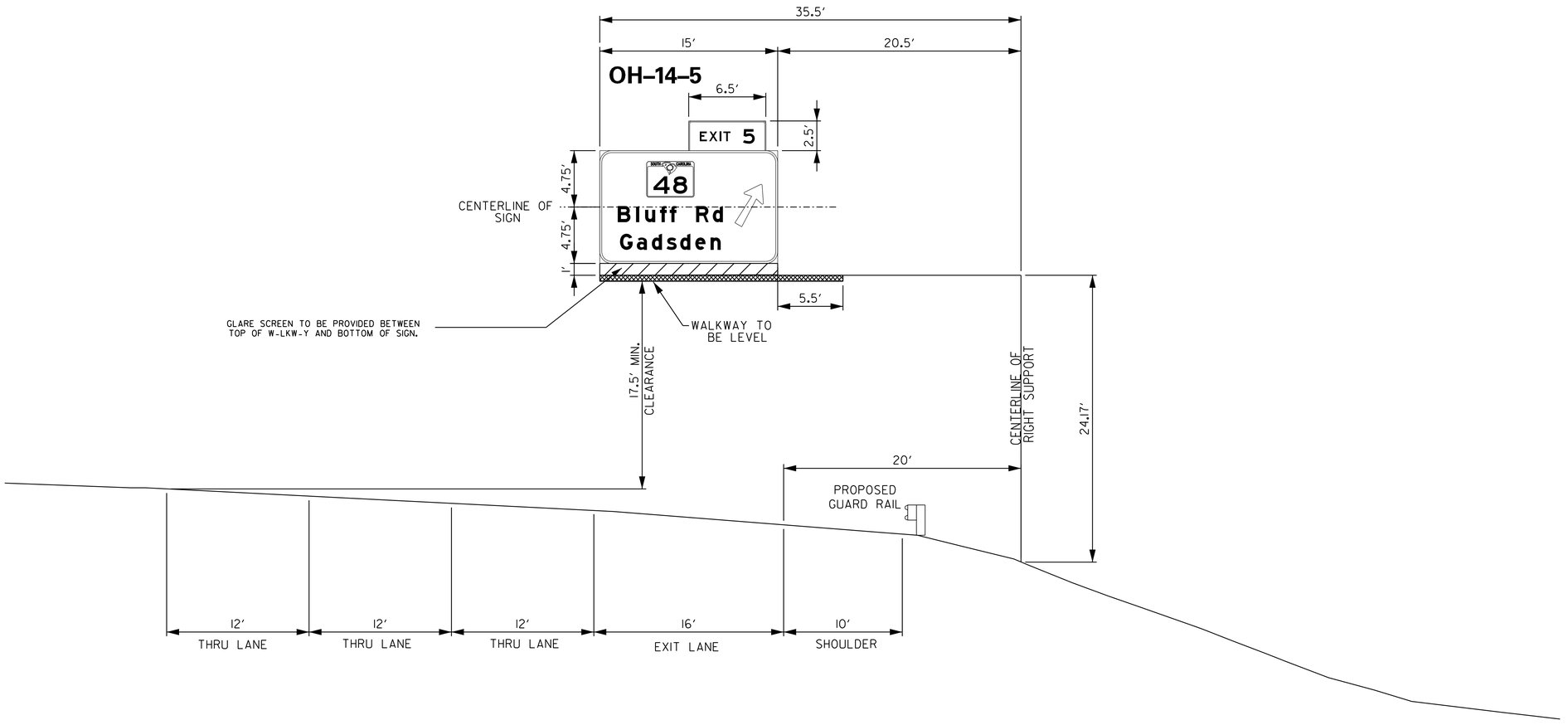
REFERENCE PLAN SHEET SN18

ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN

NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.



*BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH

OVERHEAD STRUCTURE NO. 14

I–77

STA. 650+00

I–77 NORTHBOUND

RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H [illegible] 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1″ = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7M

1/10/2020
c:\pwworking\east01\d1063238\OH x Sect_OHOI-I5 .dgn

DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7N

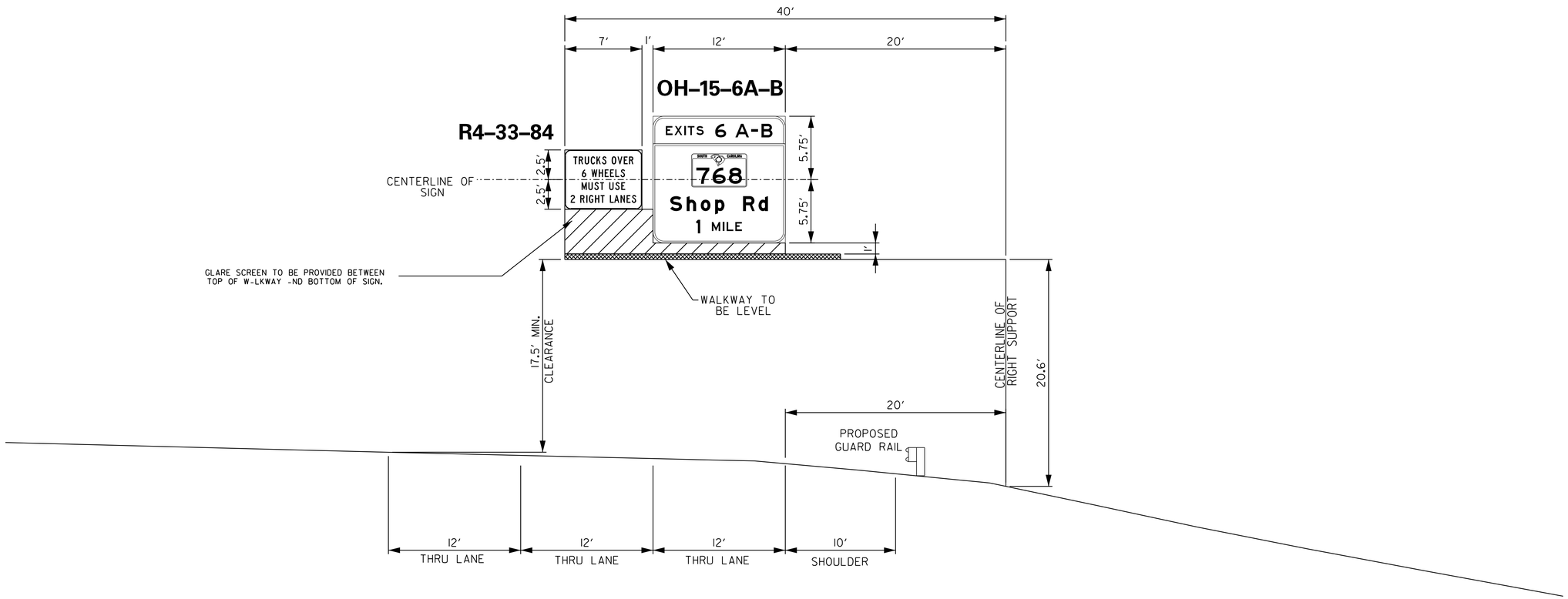
REFERENCE PLAN SHEET SN19

ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN

NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.



*BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH

OVERHEAD STRUCTURE NO. 15

I–77

STA. 660+20

I–77 SOUTHBOUND

RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE C-ROLN-S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. KESSLER
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1″ = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7N

1/10/2020
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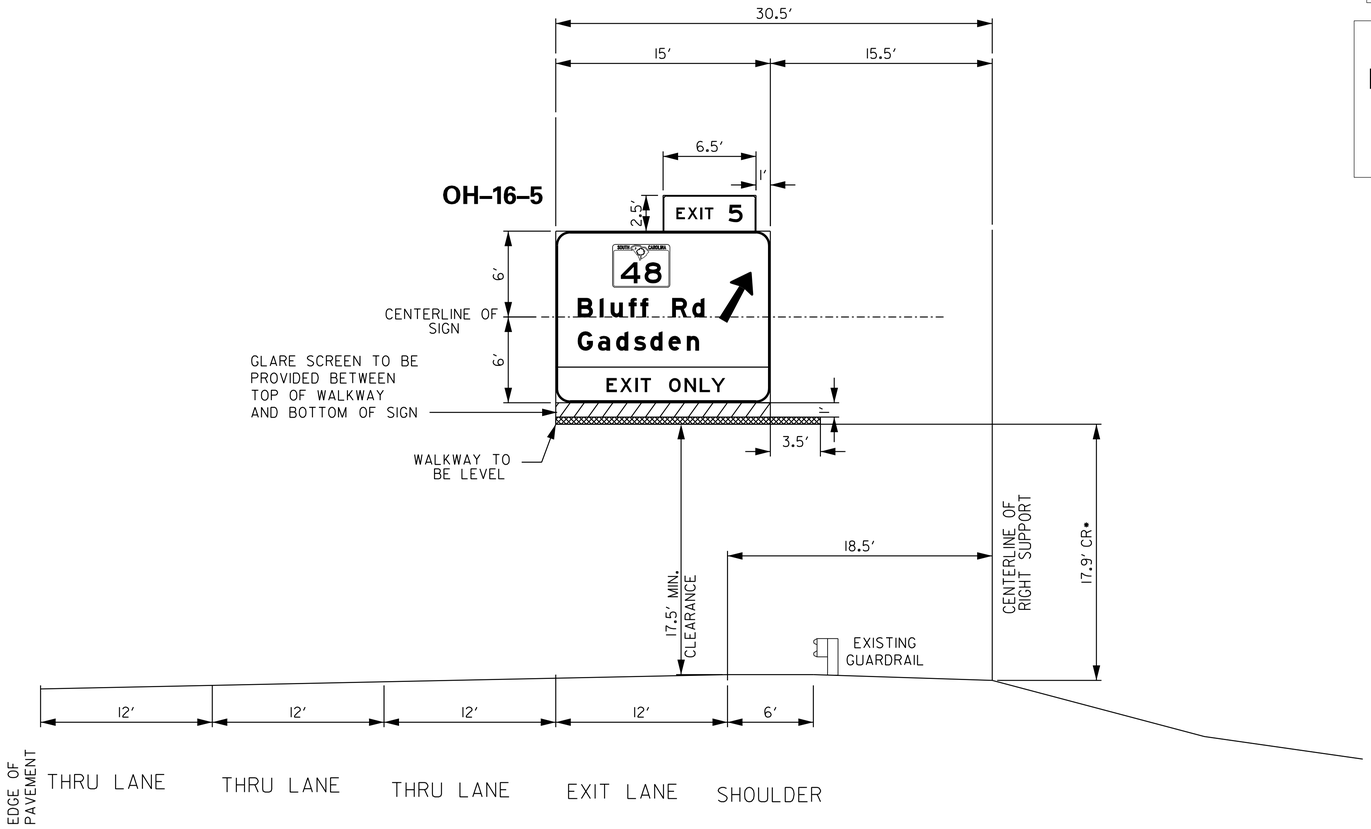
DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7o

REFERENCE PLAN SHEET SN19

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 16
I–77 & SC–48 (EXIT 5)
STA. NO. 680+50
I–77 SOUTHBOUND
RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER — No. 24492 — DAVID H. KENNE — REGISTERED — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1″ = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7o

1/10/2020
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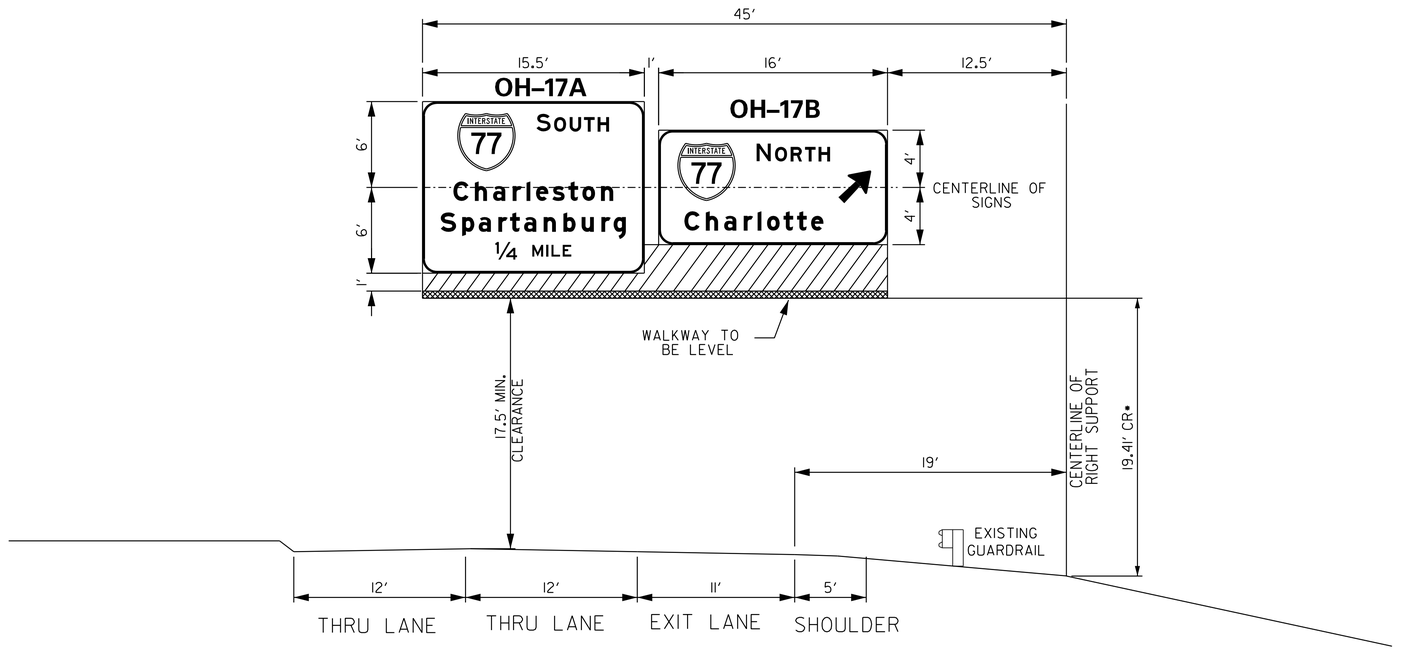
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7P

REFERENCE PLAN SHEET SN20

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 17

I–77 & SC 48 (BLUFF RD) (EXIT 5)

STA. NO. 14+90

SC 48 WESTBOUND

RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER — No. 24492 — DAVID H. KEENE — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1″ = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7P

1/10/2020
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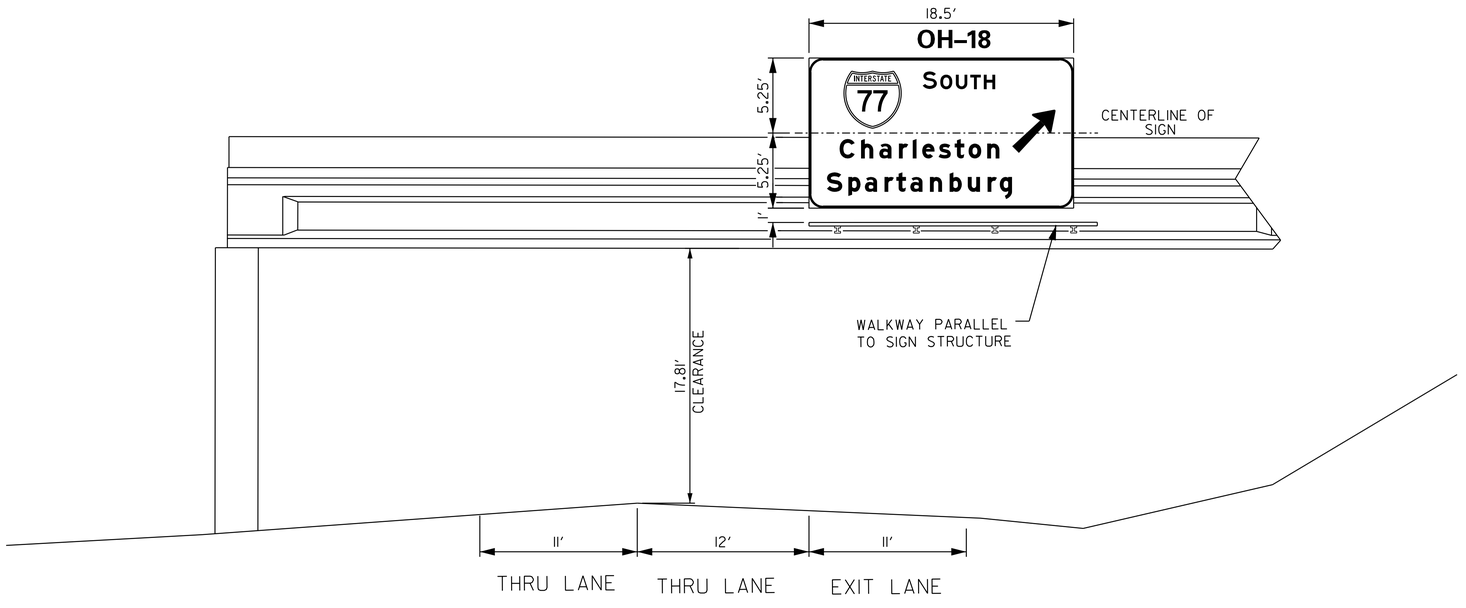
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. NO	P038337	I-77	SN70

REFERENCE PLAN SHEET SN20

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 18

I–77 & SC 48 (BLUFF RD) (EXIT 5)

STA. NO. 20+55

SC 48 WESTBOUND

RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER — No. 24492 — DAVID H. KEENAN — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. ____ D-TE ____
DWG. ____ D-TE ____
R/W ____ D-TE ____
PL-N SC-LE 1" = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN70

1/10/2020
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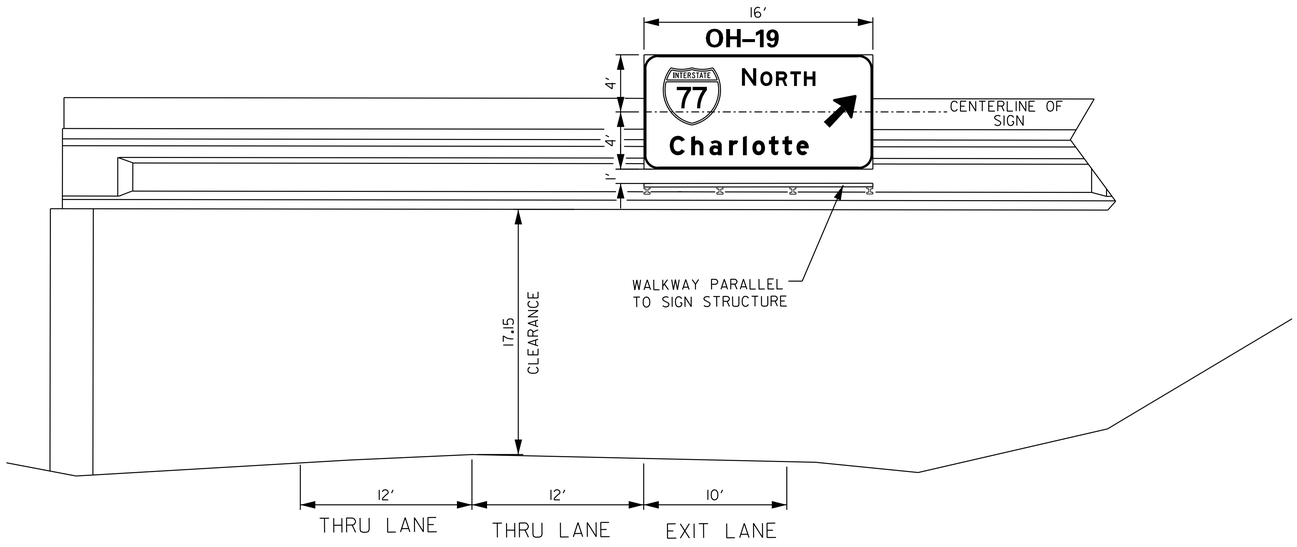
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICH. -ND	P038337	I-77	SN7R

REFERENCE PLAN SHEET SN20

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



* BASED ON 17.5' ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 19
I–77 & SC 48 (BLUFF RD) (EXIT 5)
STA. NO. 22+55
SC 48 EASTBOUND
RICHLAND CO. SCALE: 1" = 5'

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE CAROLINAS — CERTIFICATE OF AUTHORIZATION No. C038

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — DAVID H. KERR — REGISTERED
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1" = 5'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7R

1/10/2020
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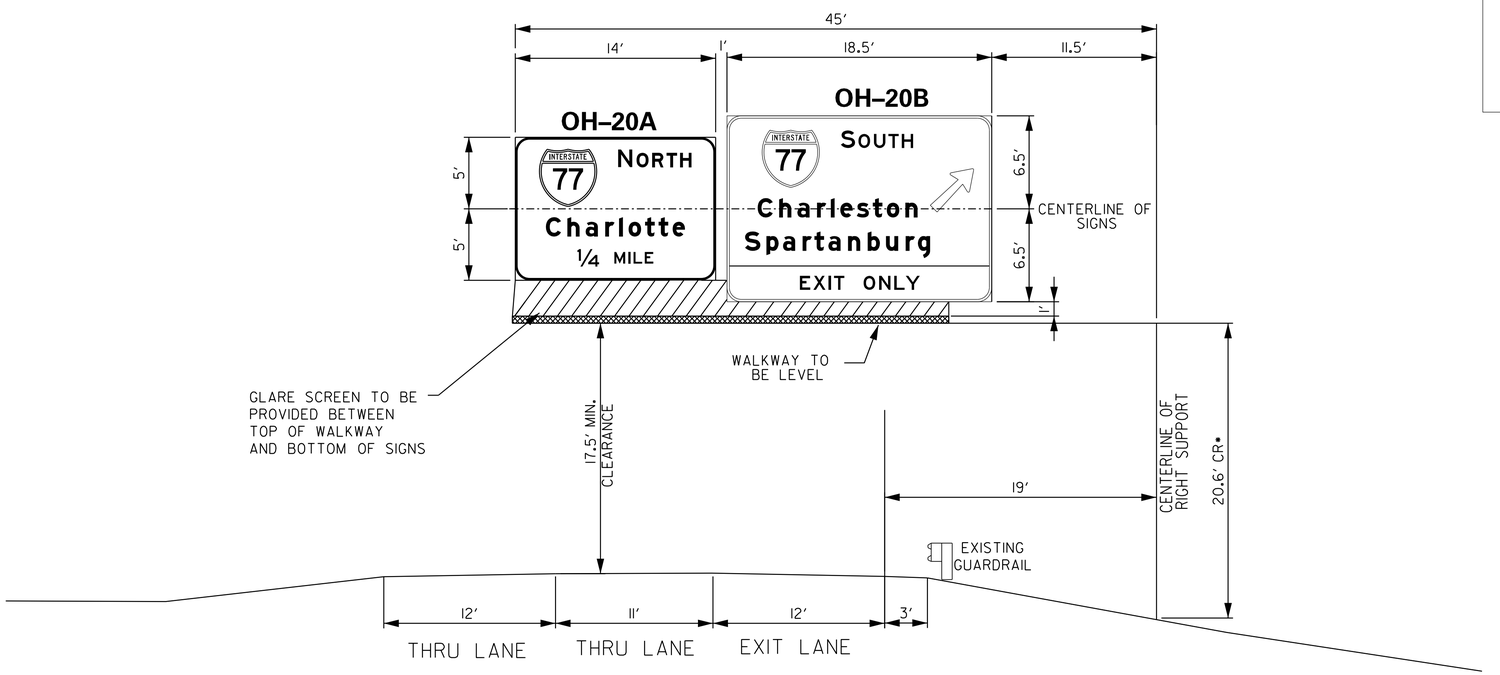
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7S

REFERENCE PLAN SHEET SN20

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
MODIFY EXISTING OH STRUCTURE
FOR LARGER SIGN NO. 20B
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 20
I–77 & SC 48 (BLUFF RD) (EXIT 5)
STA. NO. 28+75
SC 48 EASTBOUND
RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — DAVID L. KEISS — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1″ = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7S

1/10/2020
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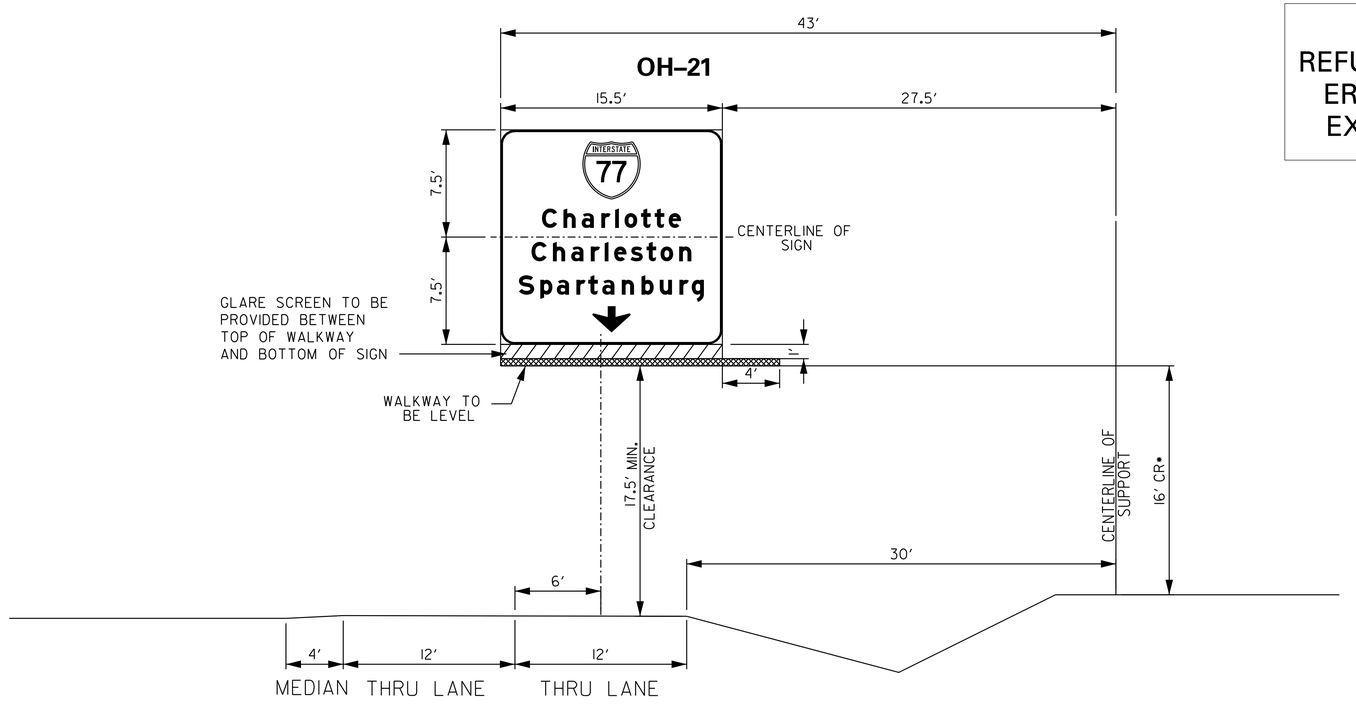
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. NO	P038337	I-77	SN7T

REFERENCE PLAN SHEET SN21

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 21
I–77 & SC 48 (BLUFF RD) (EXIT 5)
STA. NO. 44+30
SC 48 EASTBOUND
RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 JOHN H. 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1* = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7T

1/10/2020
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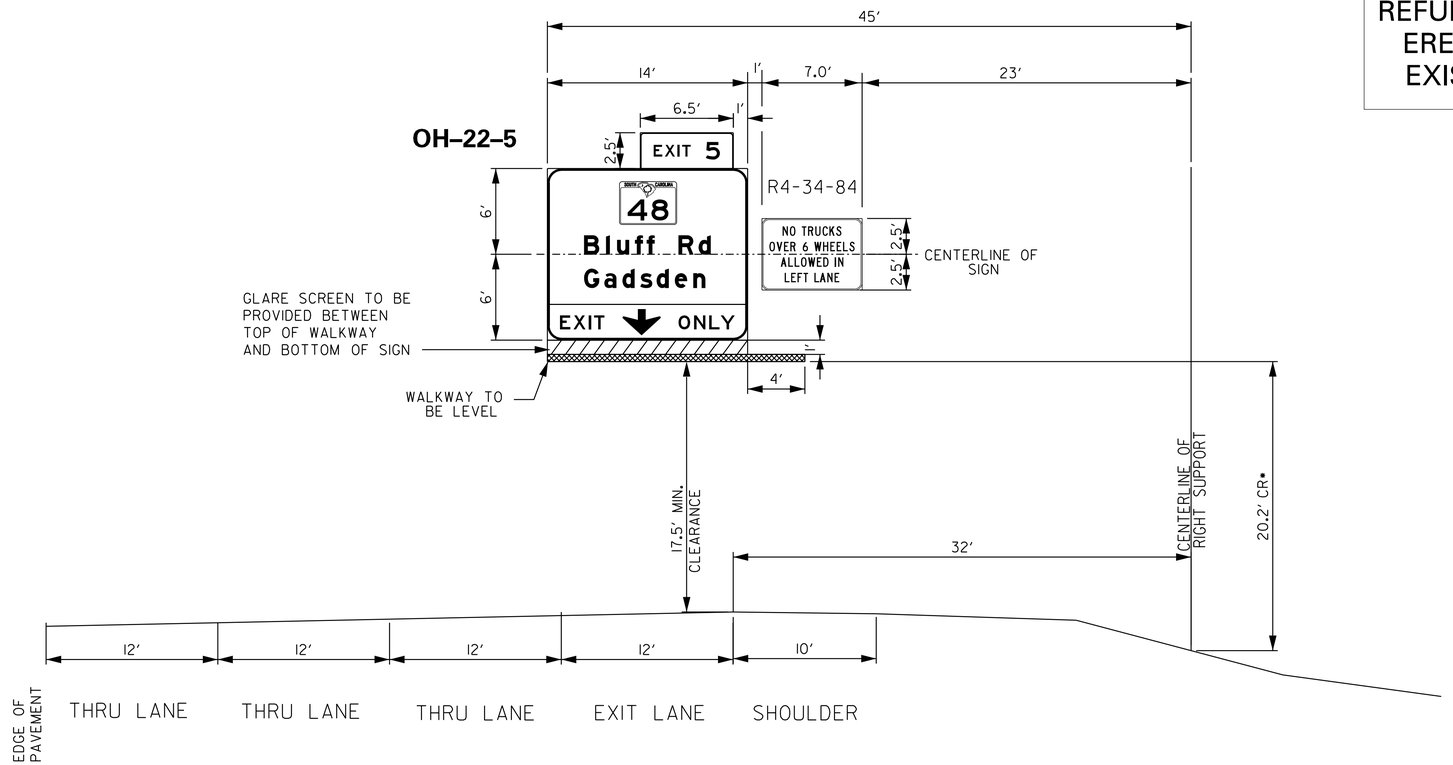
DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

REFERENCE PLAN SHEET SN22

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7U

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 22

I–77 & SC 48 (EXIT 5)

STA. NO. 692+50

I–77 SOUTHBOUND

RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE C-ROLIN-S No. C0318 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER — No. 24492 — DAVID H. HUGHES — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____ PL-N SC-LE I* = 5′
R/W _____ D-TE _____

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7U

1/10/2020
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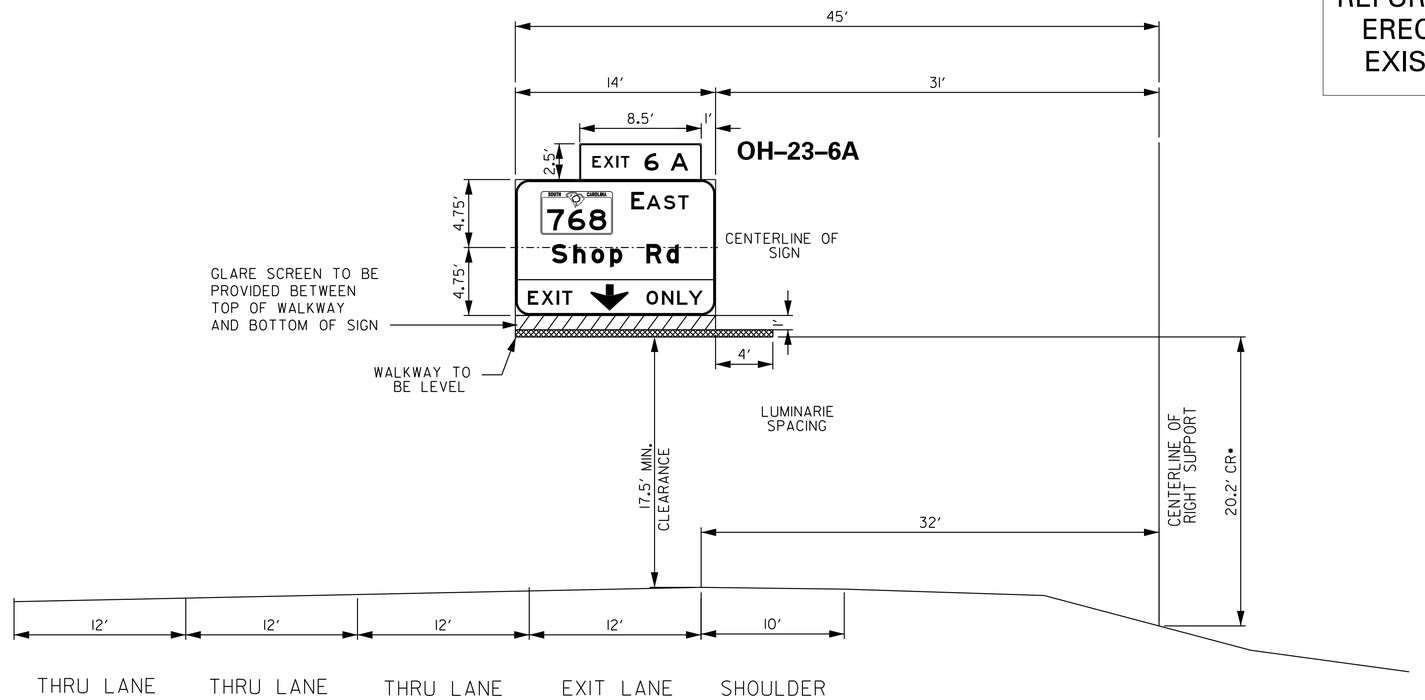
DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7V

REFERENCE PLAN SHEET SN22

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 23

I–77 & SC 760 (EXIT 6A)

STA. NO. 692+50

I–77 NORTHBOUND

RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA
HDR ENGINEERING INC. OF THE C-ROLIN-S
No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
REGISTERED PROFESSIONAL ENGINEER
No. 24492
DAVID H KERR
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____ PL-N SC-LE 1″ = 5′
R/W _____ D-TE _____

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7V

1/10/2020
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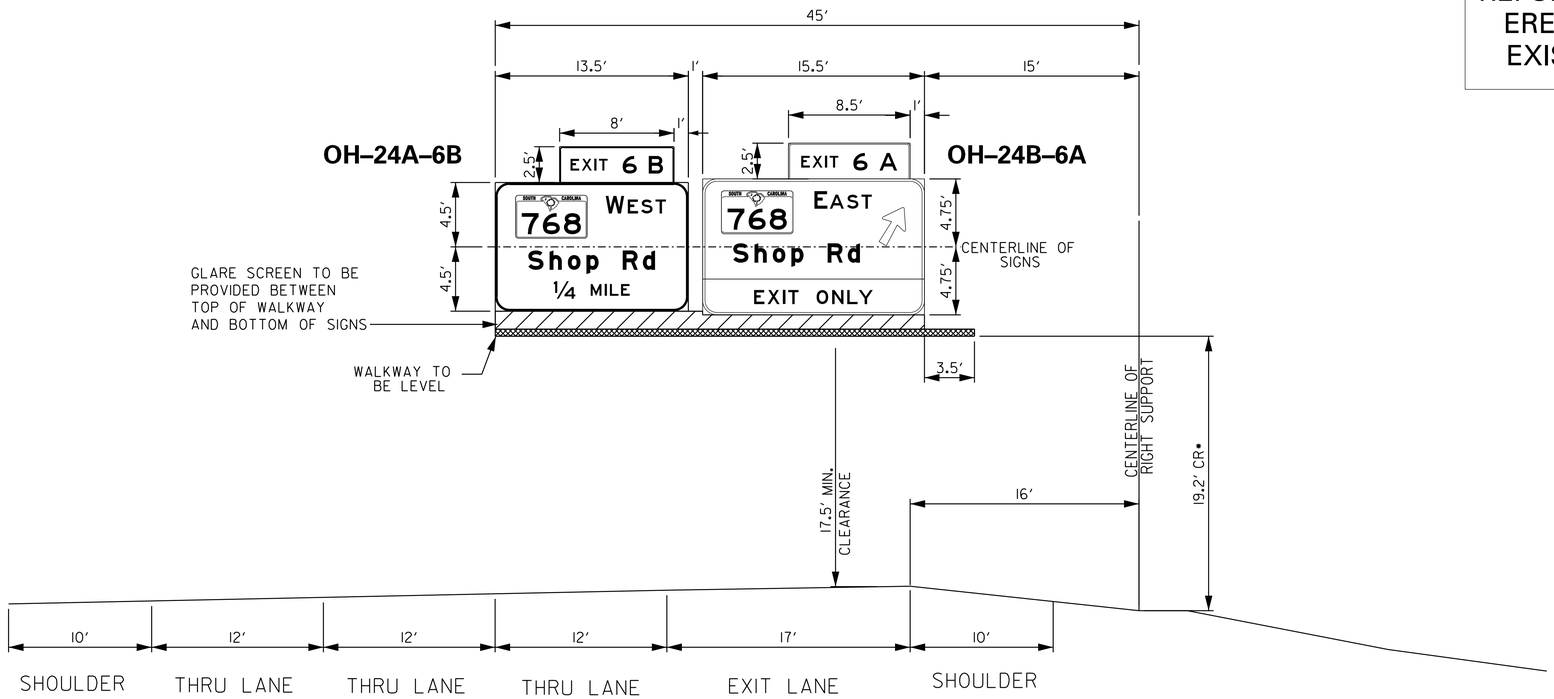
DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7W

REFERENCE PLAN SHEET SN23

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 24

I–77 & SC 768 (EXIT 6A & 6B)

STA. NO. 707+00

I–77 NORTHBOUND

RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE C.ROLIN-S No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER — No. 24492 — DAVID W. LEWIS — REGISTERED — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1″ = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7W

1/10/2020
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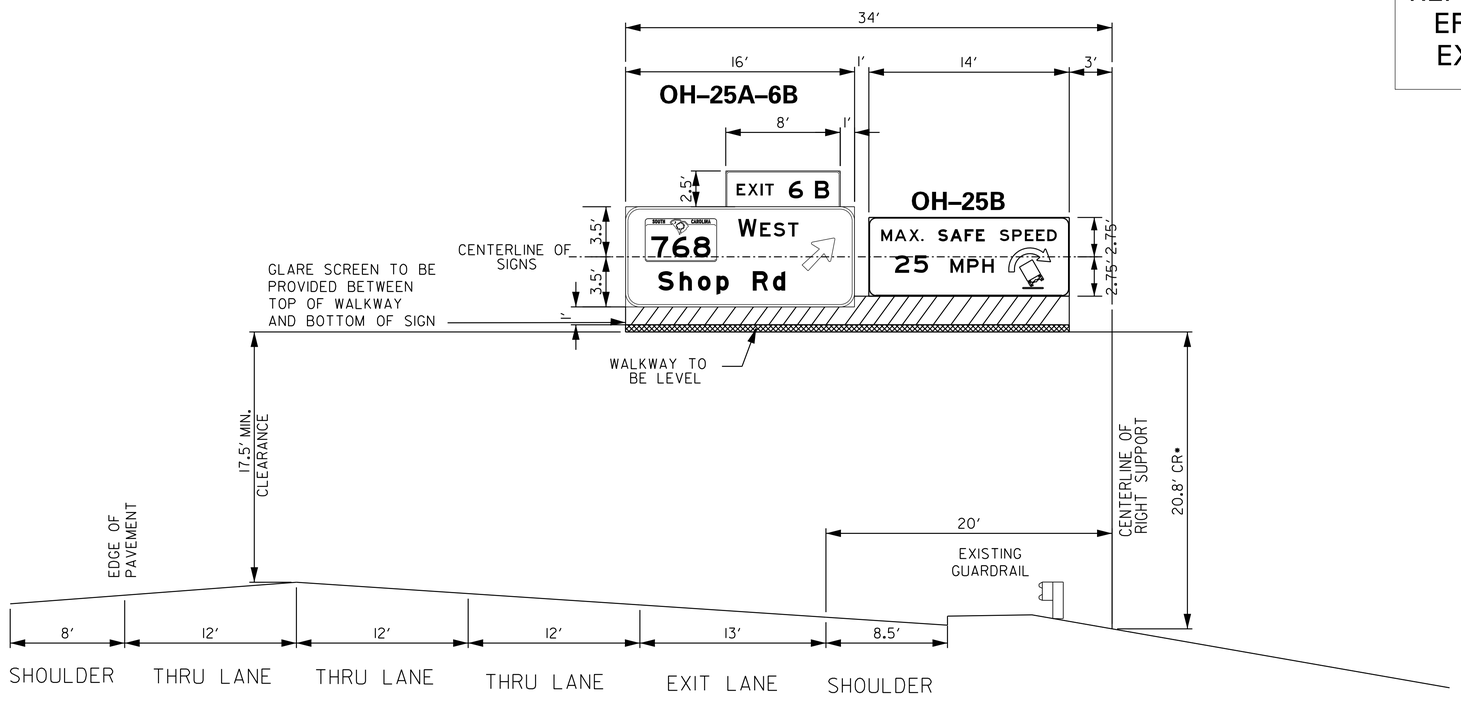
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICH. -ND	P038337	I-77	SN7X

REFERENCE PLAN SHEET SN23

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 25
I–77 & SC 768 (EXIT 6B)
STA. NO. 732+00
I–77 NORTHBOUND
RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE C.ROLIN-S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. HOOD
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1″ = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING
OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7X

1/10/2020
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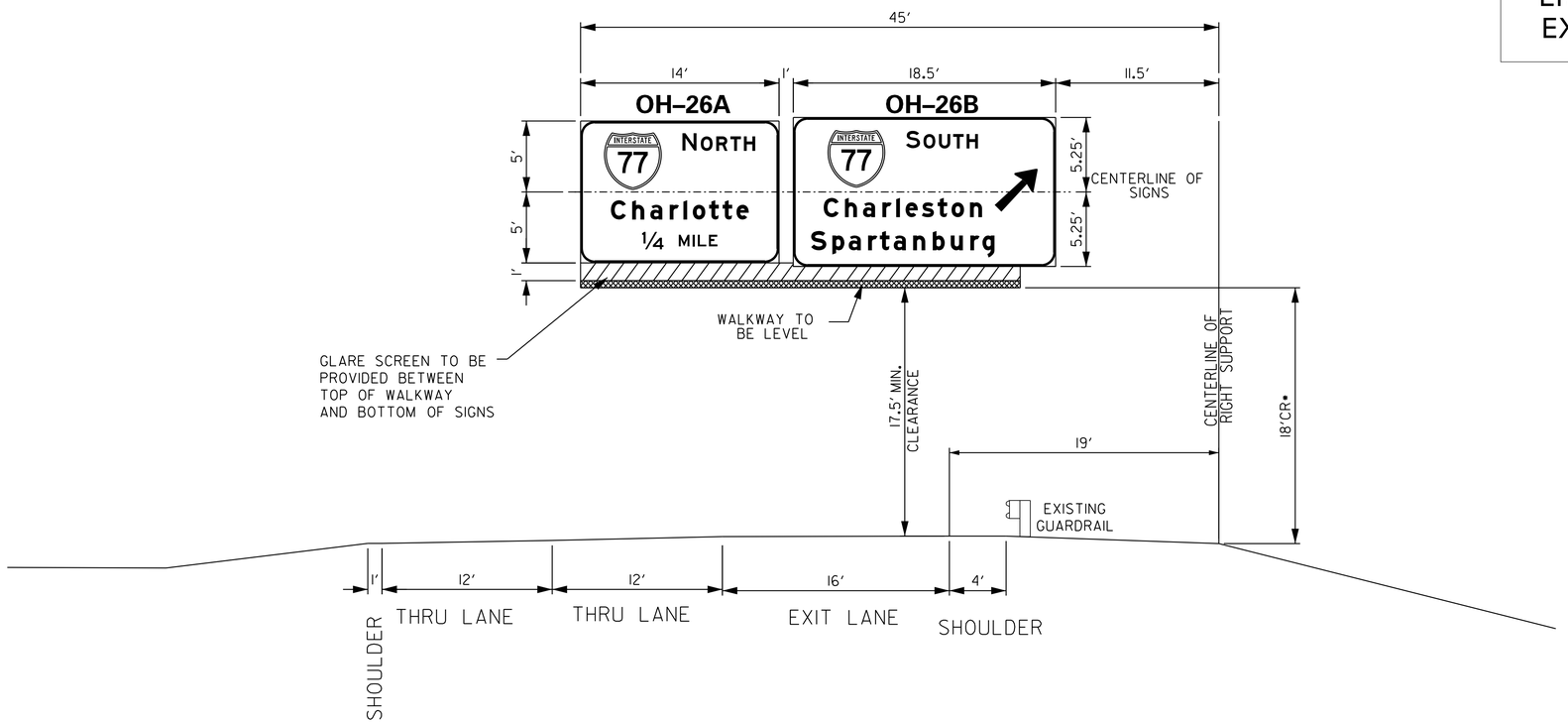
DocuSign Envelope ID: 9B1BFC8D-D570-4E95-B93A-AC6A90770E68

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7Y

REFERENCE PLAN SHEET SN24

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 26
SC 768 (SHOP RD)(EXIT 6)
STA. NO. 149+00
SC 768 EASTBOUND
RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 JOHN H. YEARIAN 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1″ = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.
I-77 RESIGNING
OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7Y

1/10/2020
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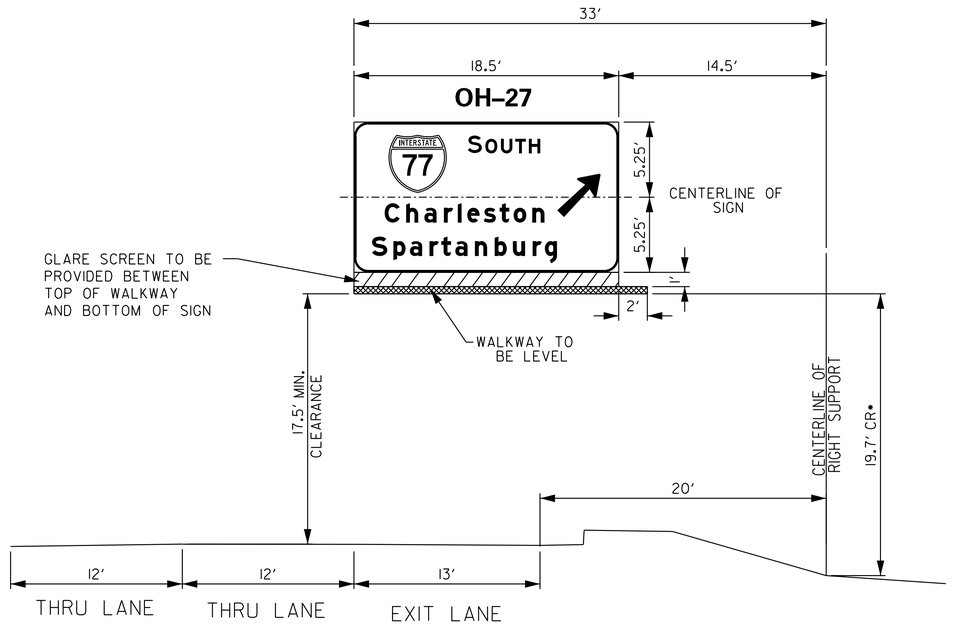
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7Z

REFERENCE PLAN SHEET SN24

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 27

SC 768 (SHOP RD) (EXIT 6)

STA. NO. 164+90

SC 768 WESTBOUND

RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — REGISTERED — DAVID H. KEENE — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1″ = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7Z

1/10/2020
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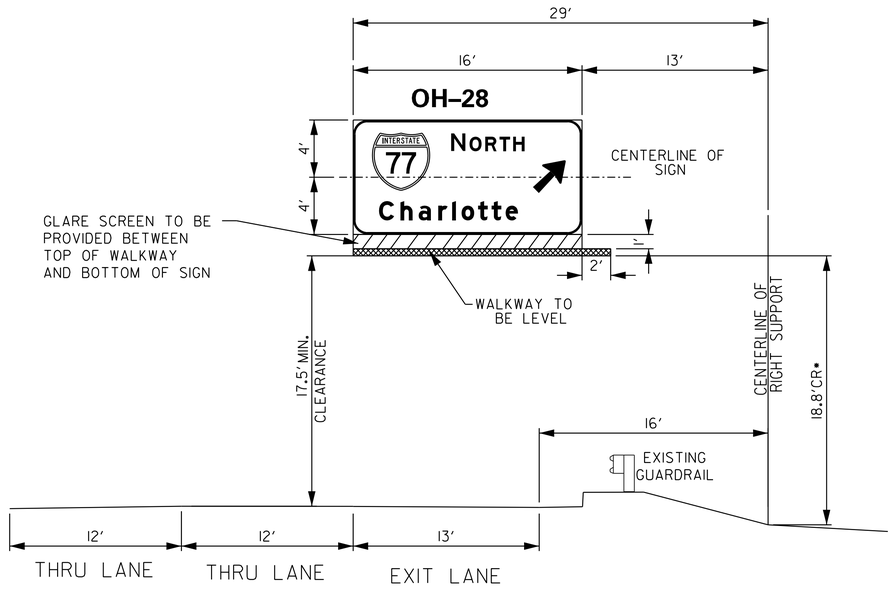
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICH. -ND	P038337	I-77	SN7-A

REFERENCE PLAN SHEET SN24

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



* BASED ON 17.5' ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 28

I-77 & SC 768 (SHOP RD)(EXIT 6)

STA. NO. 169+35

SC 768 WESTBOUND

RICHLAND CO. SCALE: 1" = 5'

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION HDR ENGINEERING INC. OF THE CAROLINAS No. C038

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER No. 24492 DAVID H. KERR REGISTERED 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1" = 5'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7AA

1/10/2020
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FED. RD. DIV. NO.	ST.-TE	COUNTY	PROJECT ID	RD.O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL.-ND	P038337	I-77	SN7AB

BLANK

NO OVERHEAD STRUCTURE NO. 29

HDR ENGINEERING INC.
OF THE CAROLINAS

1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA
HDR ENGINEERING INC.
OF THE C.ROLIN.S
No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 24492
DAVID H. HOOD
1/13/2020

REV. NO.	BY	D.TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D.TE _____
DWG. _____ D.TE _____ PL.N SC.LE 1" = 5'
R/W _____ D.TE _____

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7AB

1/10/2020
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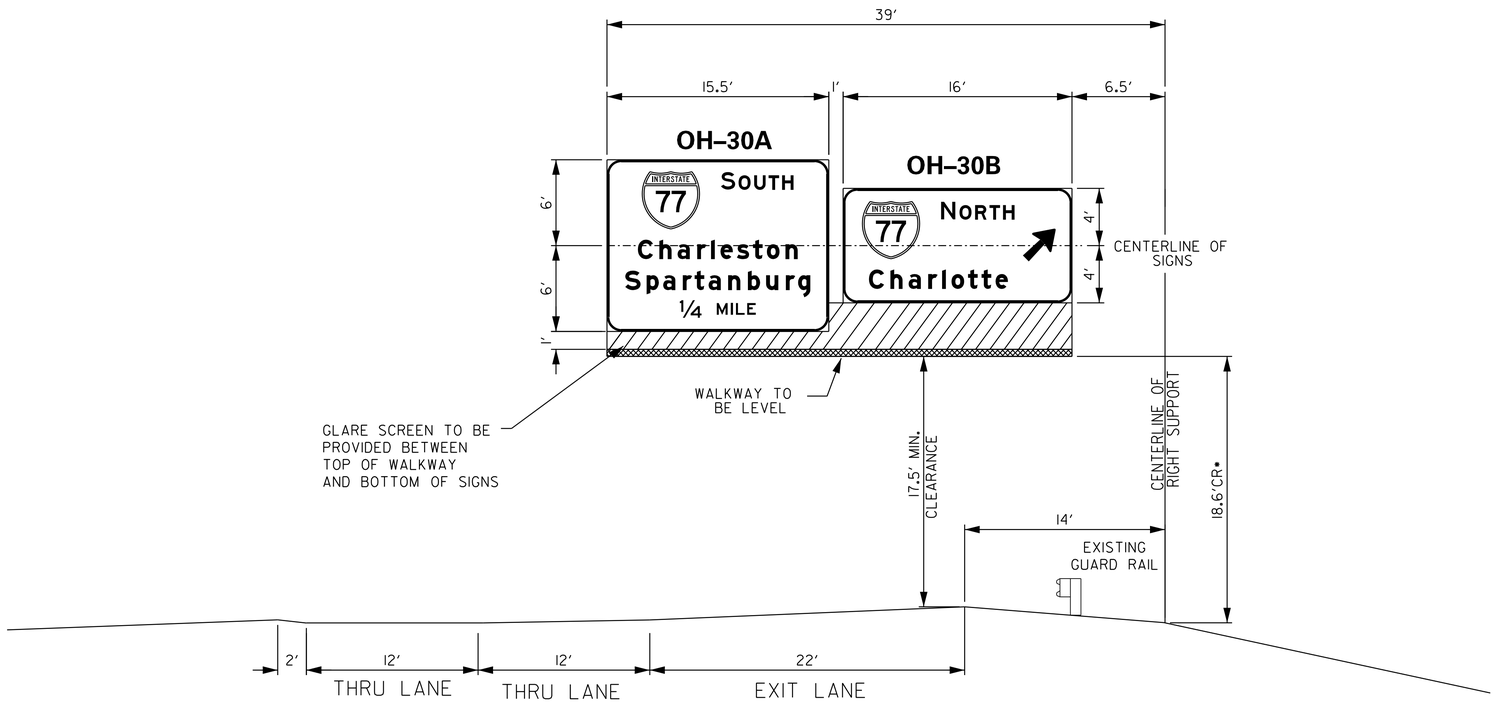
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7AC

REFERENCE PLAN SHEET SN25

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 30
I–77 & SC 768 (SHOP RD)(EXIT 60)
STA. NO. 180+50
SC 768 WESTBOUND
RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038

SOUTH CAROLINA PROFESSIONAL ENGINEER REGISTERED No. 24492 DAVID H. HESS 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1″ = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.
I-77 RESIGNING
OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7AC

1/10/2020
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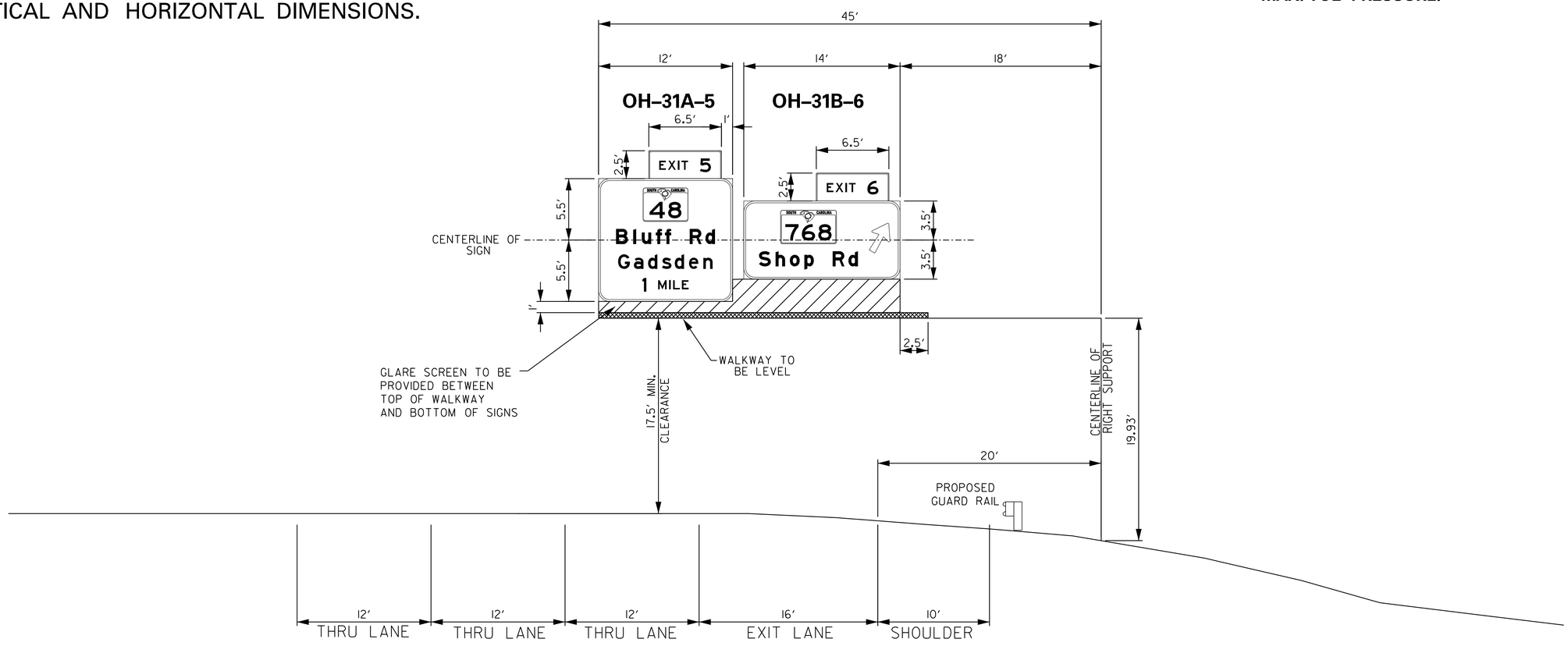
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7AD

REFERENCE PLAN SHEET SN26

NOTE:
CONTRACTOR SHALL FIELD VERIFY
VERTICAL AND HORIZONTAL DIMENSIONS.

ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN



NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.

OVERHEAD STRUCTURE NO. 31
I–77 & SC 768 (EXIT 6)
STA. NO. 438+50
I–77 SOUTHBOUND
RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE C.ROLIN-S No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER — No. 24492 — REGISTERED — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1" = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7AD

1/10/2020
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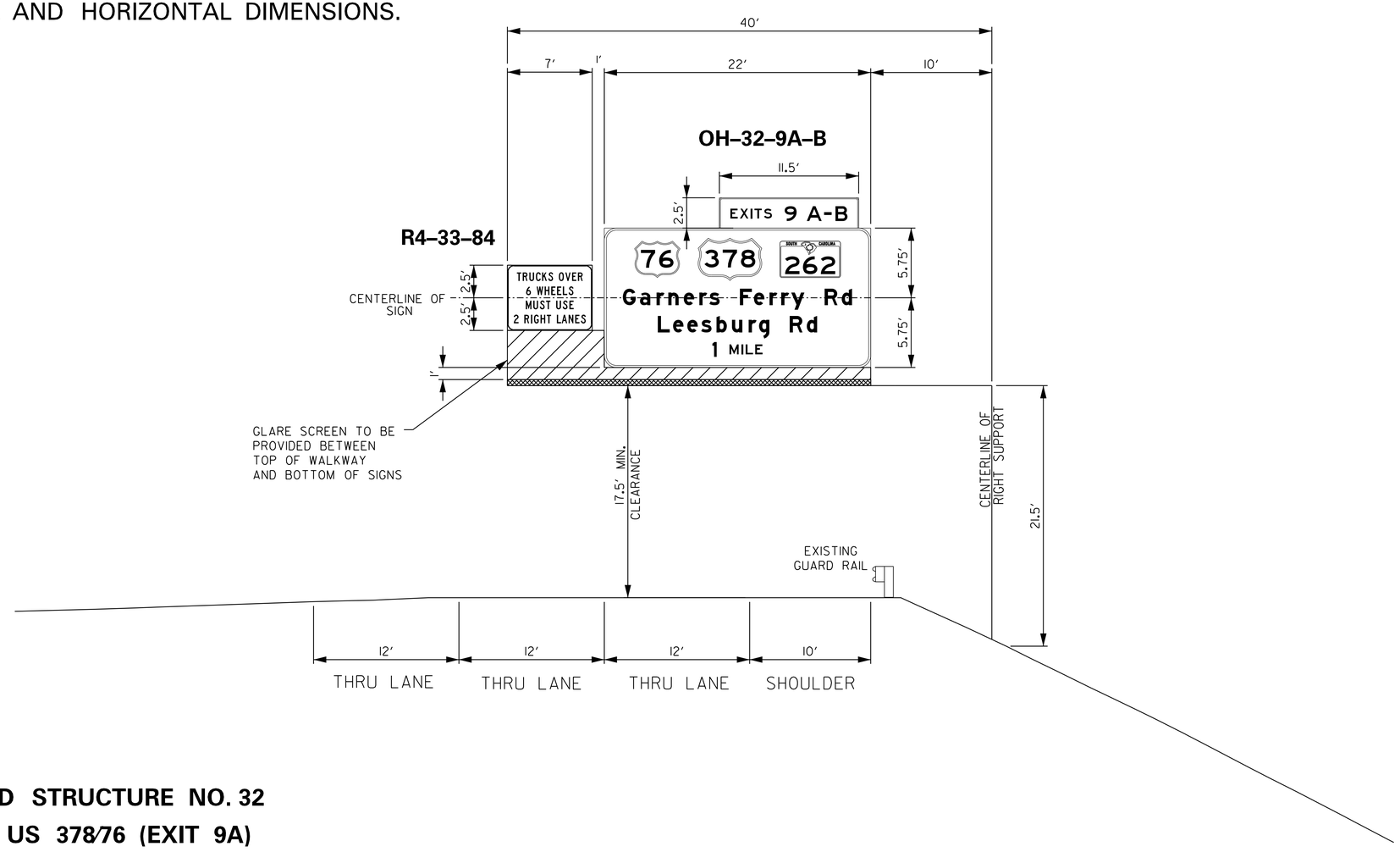
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7AE

REFERENCE PLAN SHEET SN27

ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN

NOTE:
CONTRACTOR SHALL FIELD VERIFY
VERTICAL AND HORIZONTAL DIMENSIONS.



NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.

OVERHEAD STRUCTURE NO. 32

I–77 & US 378/76 (EXIT 9A)

STA. 765 + 20

I–77 NORTHBOUND

RICHLAND CO. SCALE: 1" = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA
HDR ENGINEERING INC.
OF THE C-ROLIN-S
No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
REGISTERED PROFESSIONAL ENGINEER
No. 24492
JD H
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1" = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7AE

1/10/2020
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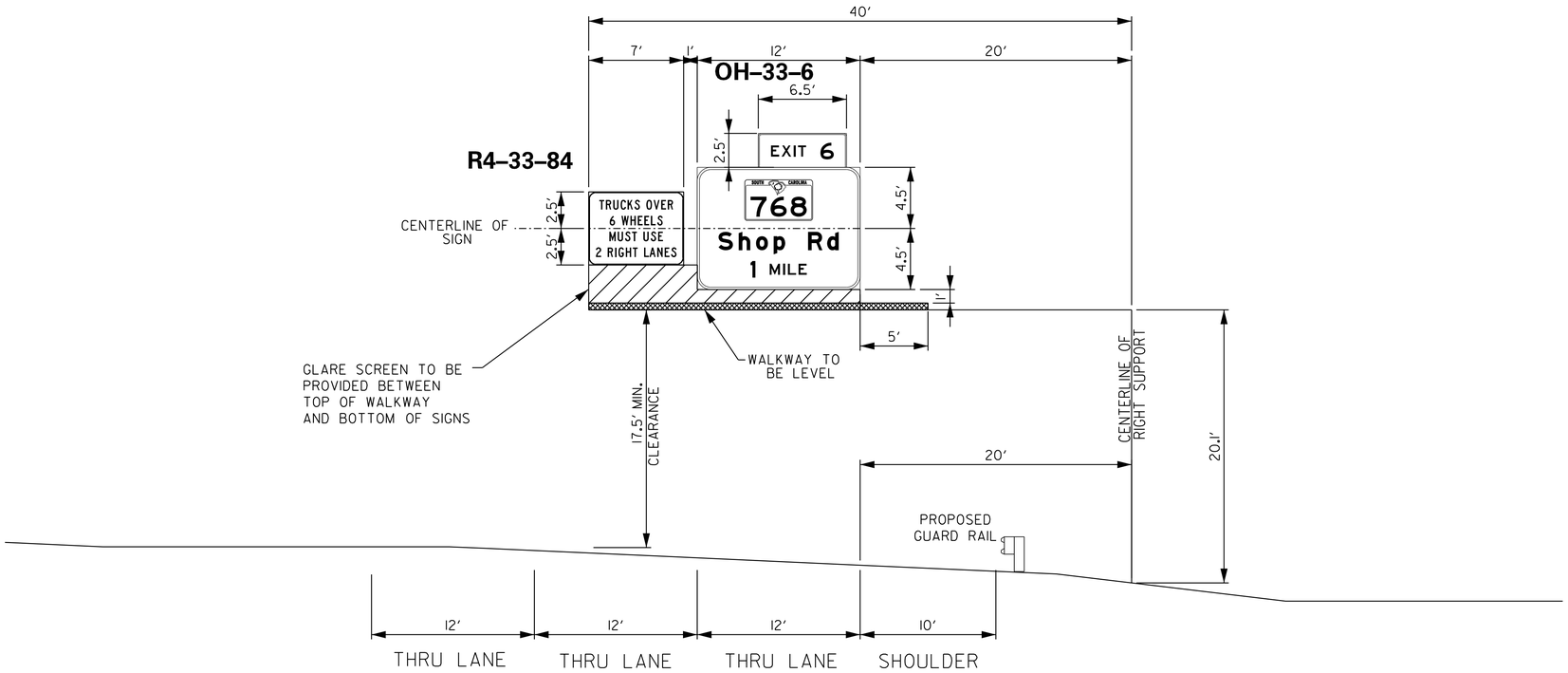
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7AF

REFERENCE PLAN SHEET SN28

ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN

NOTE:
CONTRACTOR SHALL FIELD VERIFY
VERTICAL AND HORIZONTAL DIMENSIONS.



NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.

OVERHEAD STRUCTURE NO. 33
I–77 & SHOP RD. (EXIT 6)
STA. NO. 790+00

I–77 SOUTHBOUND

RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA
HDR ENGINEERING INC.
OF THE C.ROLIN.S
No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 24492
DAVID H. HEISE
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____ PL-N SC-LE 1″ = 5′
R/W _____ D-TE _____

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.
I-77 RESIGNING
OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7AF

1/10/2020
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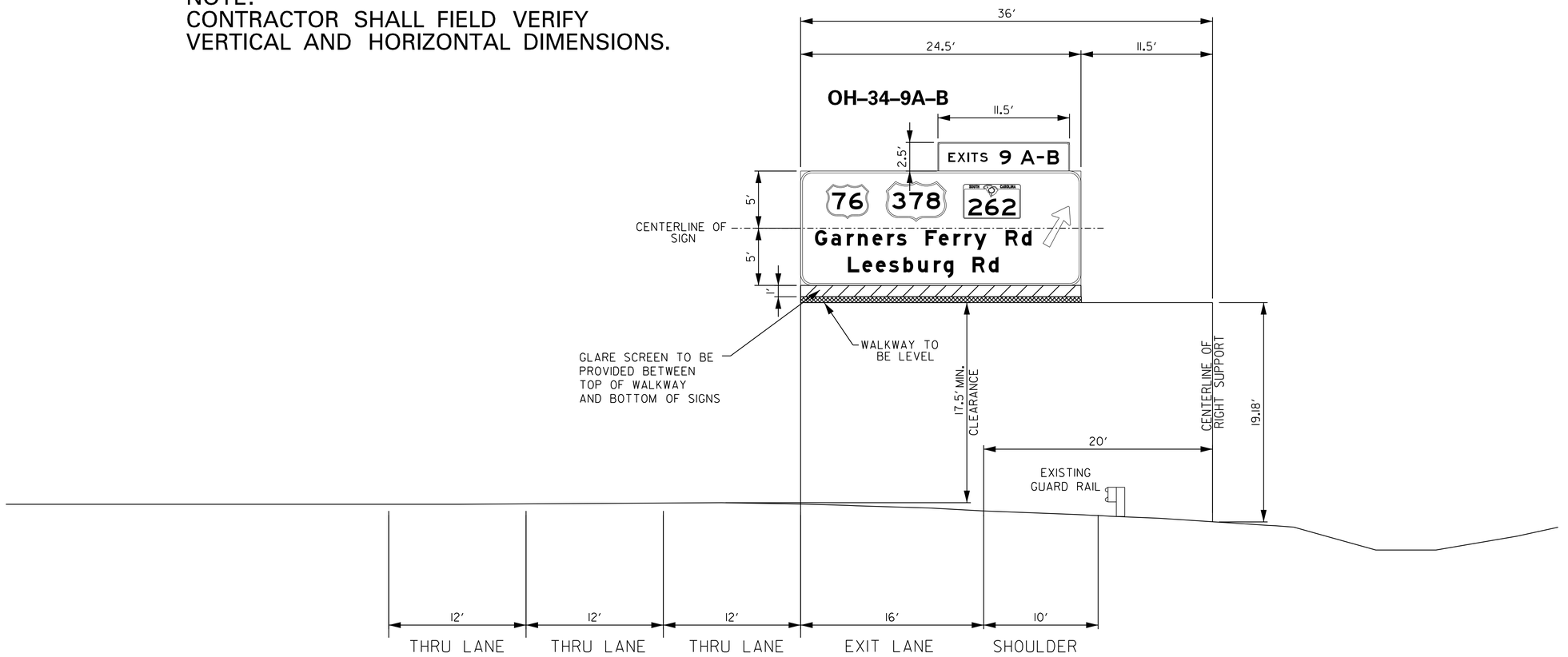
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7AG

REFERENCE PLAN SHEET SN29

ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN

NOTE:
CONTRACTOR SHALL FIELD VERIFY
VERTICAL AND HORIZONTAL DIMENSIONS.



NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.

OVERHEAD STRUCTURE NO. 34
I–77 & US 378/76 (EXIT 9A–B)
STA. NO. 813 + 00

I–77 NORTHBOUND

RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — DAVID H. KEENE — REGISTERED
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE I″ = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7AG

1/10/2020
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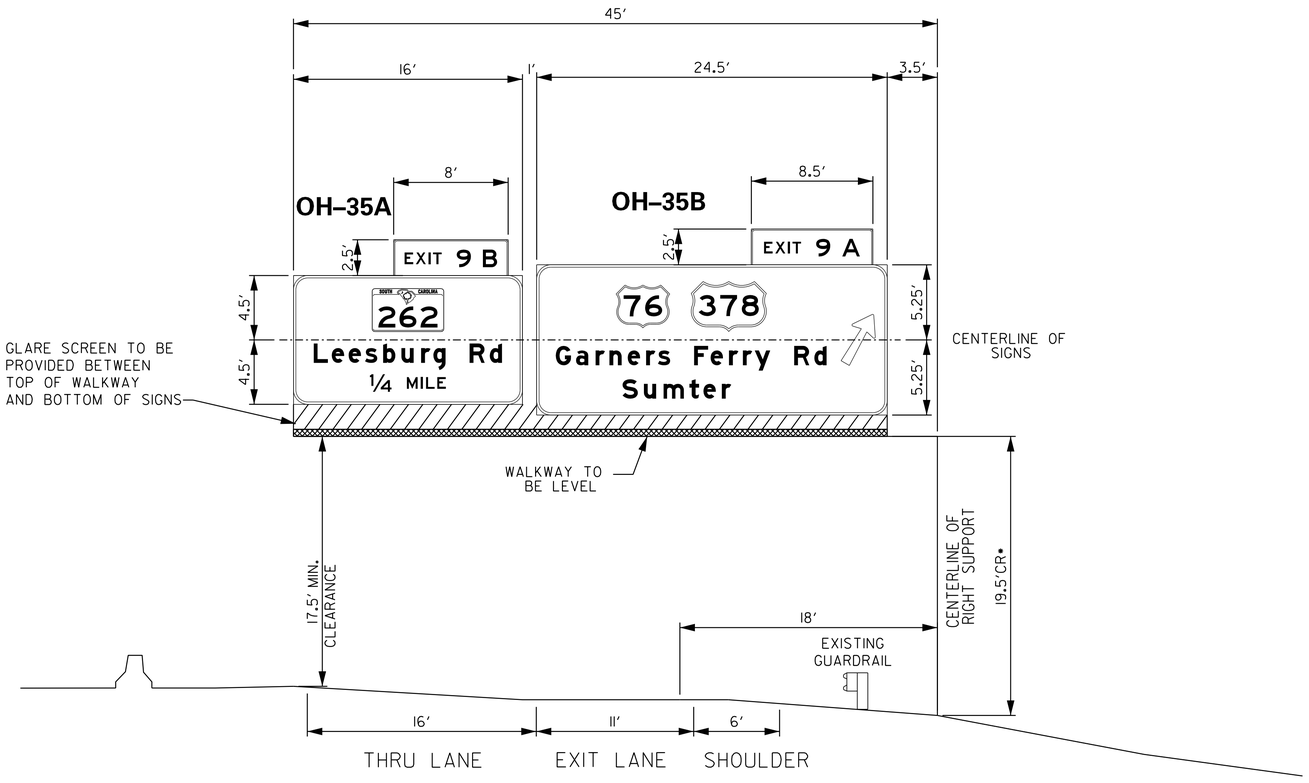
DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7AH

REFERENCE PLAN SHEET SN29

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 35

I–77 & US 378/76 (EXIT 9)

STA. NO. 818+50

I–77 NORTHBOUND COLLECTOR–DISTRIBUTOR

RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. KEENE REGISTERED 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1″ = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7AH

1/10/2020
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DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7-1

REFERENCE PLAN SHEET SN29

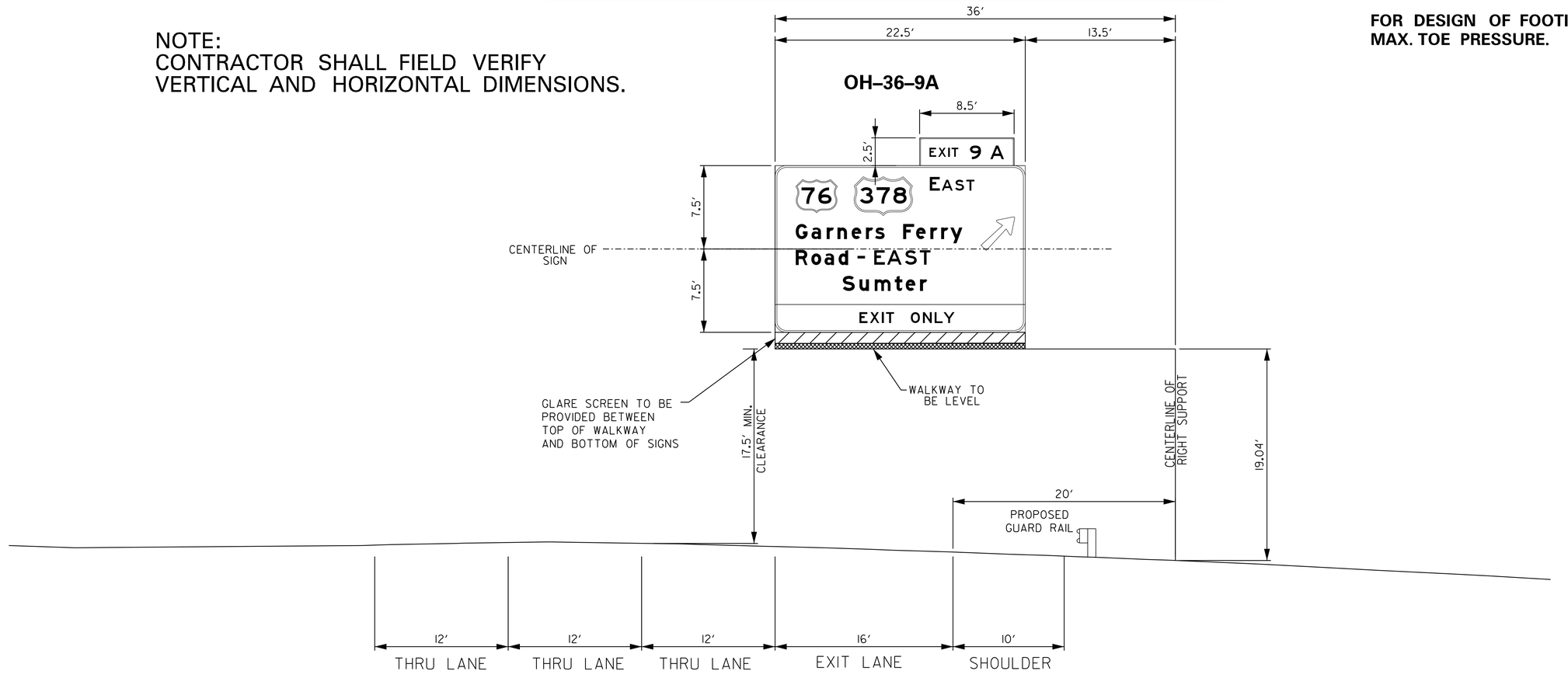
NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.

ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN

NOTE:
CONTRACTOR SHALL FIELD VERIFY
VERTICAL AND HORIZONTAL DIMENSIONS.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 36

I–77 & US 378/76 (EXIT 9A)

STA. NO. 821+25

I–77 SOUTHBOUND

RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER — No. 24492 — DAVID H. KEENAN — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. ____ D-TE ____
DWG. ____ D-TE ____
R/W ____ D-TE ____
PL-N SC-LE I″ = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7A1

1/10/2020
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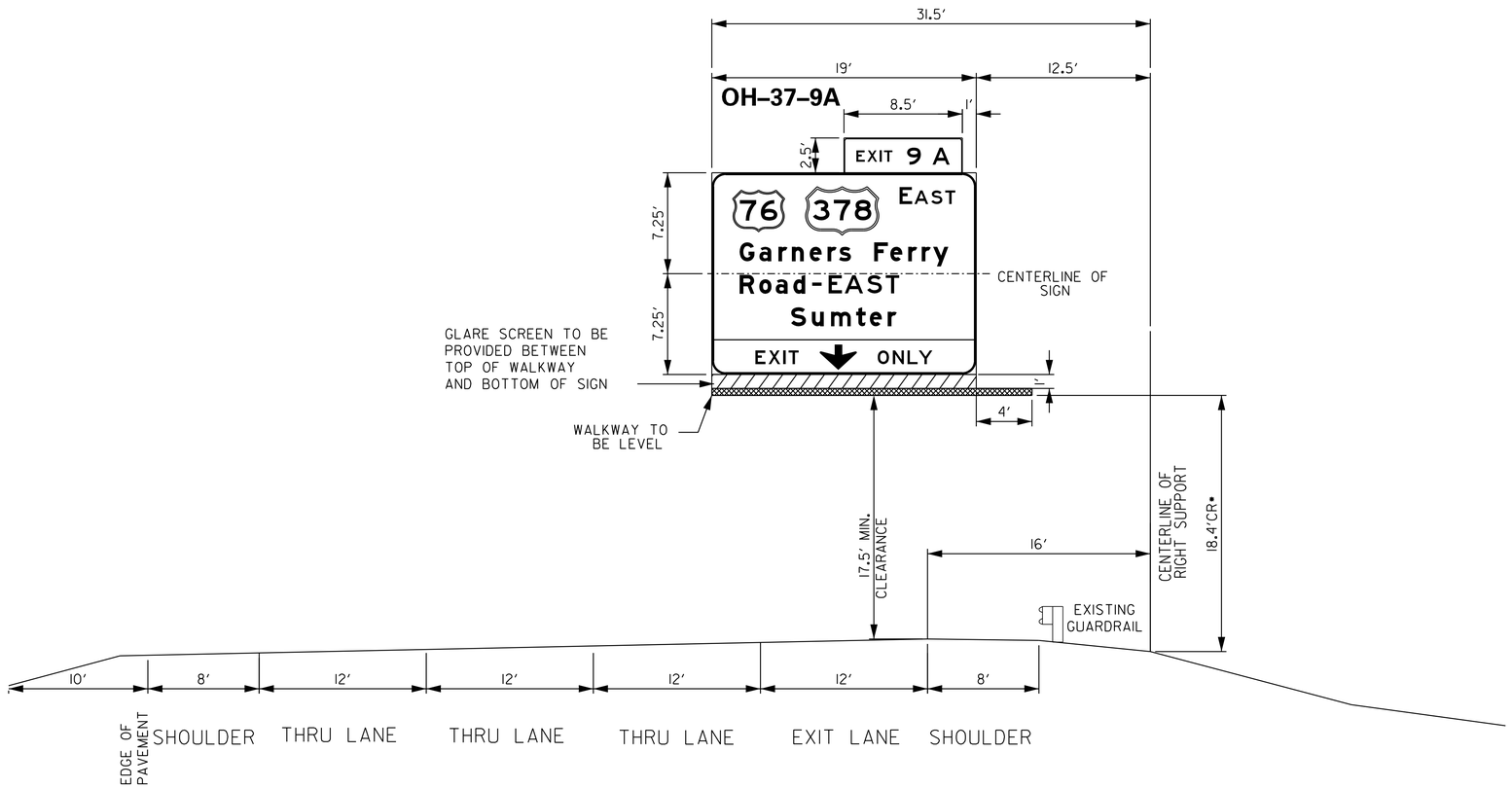
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7AJ

REFERENCE PLAN SHEET SN36

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 37
I-77 & US 378/76 (EXIT 9A)
STA. NO. 831+00
I-77 SOUTHBOUND
RICHLAND CO. SCALE: 1" = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA
HDR ENGINEERING INC.
OF THE C.ROLIN.S
No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 24492
DAVID H. HOOD
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____ PL-N SC-LE I* = 5′
R/W _____ D-TE _____

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.
I-77 RESIGNING
OVERHEAD CROSS SECTION

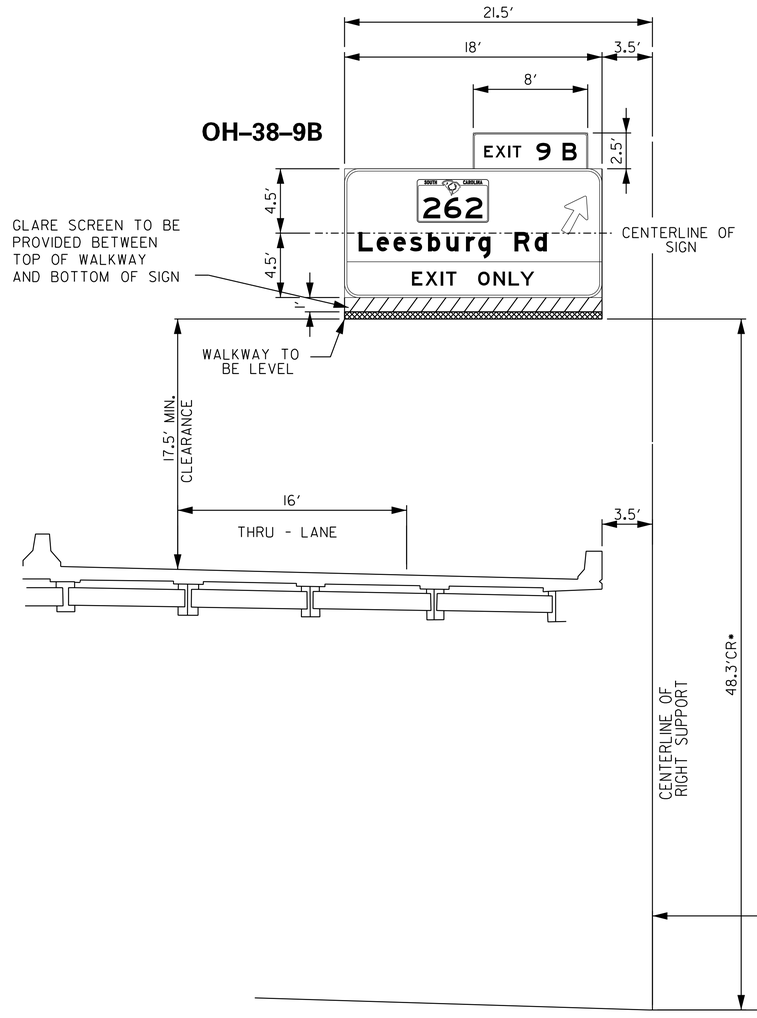
I-77 DWG. NO. SN7-J

1/10/2020
c:\pw working\east01\d0632381 OH x Sect_OH16-65.dgn

DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7AK

REFERENCE PLAN SHEET SN30



EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
MODIFY EXISTING OH STRUCTURE
FOR LARGER SIGN NO. 38–9B
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.

* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 38
I–77 & 262 (EXIT 9)
STA. NO. 835+72
I–77 NORTHBOUND COLLECTOR–DISTRIBUTOR
RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE C-ROLIN-S No. C0318 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 REGISTERED DAVID H 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1" = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7AK

1/10/2020
c:\pwworking\east01\d1063238\OH x Sect_OH6-65.dgn

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FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7AL

REFERENCE PLAN SHEET SN30

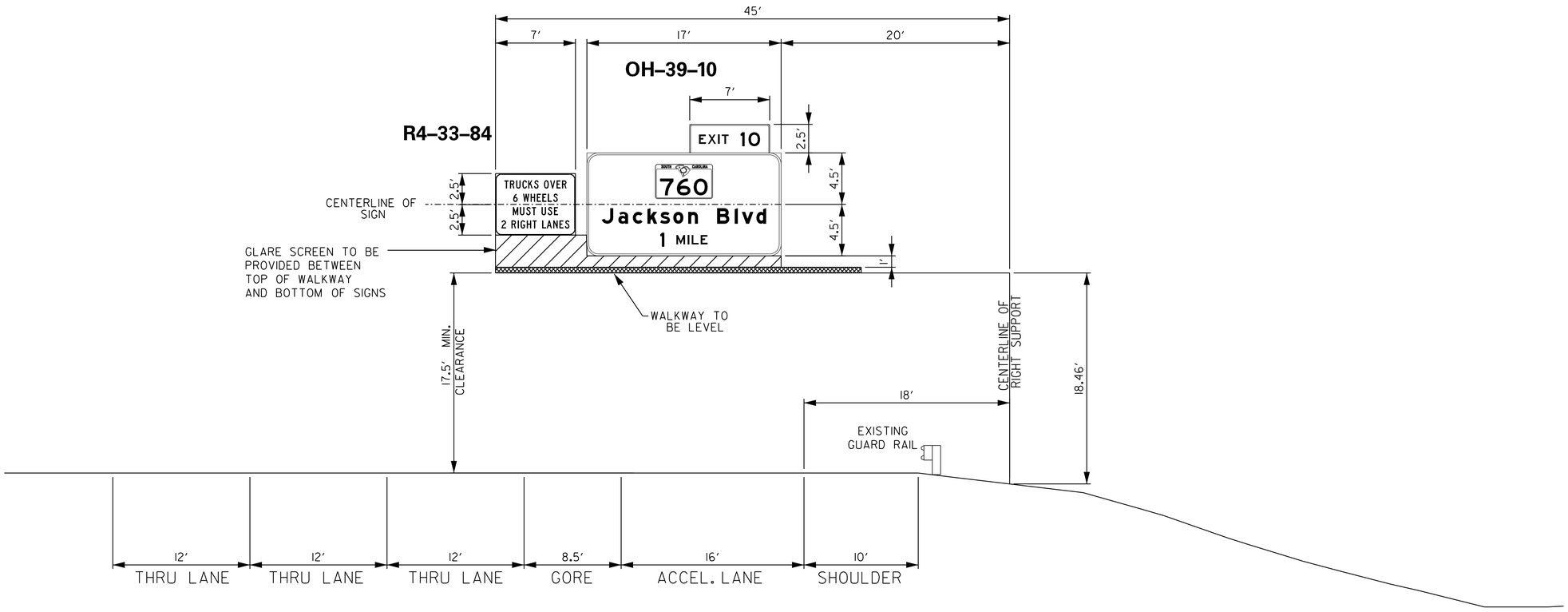
ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN

NOTE:
CONTRACTOR SHALL FIELD VERIFY
VERTICAL AND HORIZONTAL DIMENSIONS.

NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.



OVERHEAD STRUCTURE NO. 39
I–77 & JACKSON BLVD. (EXIT 10)
STA. NO. 849+00
I–77 NORTHBOUND
RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE C.ROLIN-S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID L. HILL
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1" = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7AL

1/10/2020
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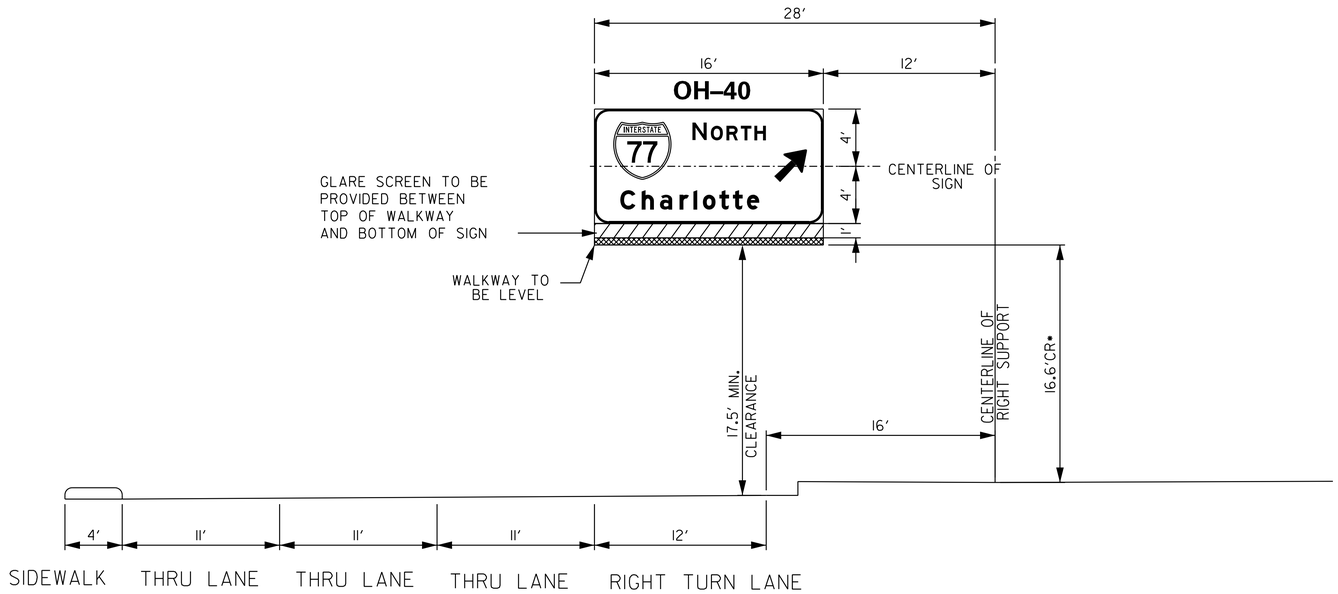
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7AM

REFERENCE PLAN SHEET SN31

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 40
I–77 & US 76⁄378 (EXIT 9)
STA. NO. 171+50
US 76⁄378 EASTBOUND
RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER — No. 24492 — DAVID W. LEE — REGISTERED — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1″ = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7-M

1/10/2020
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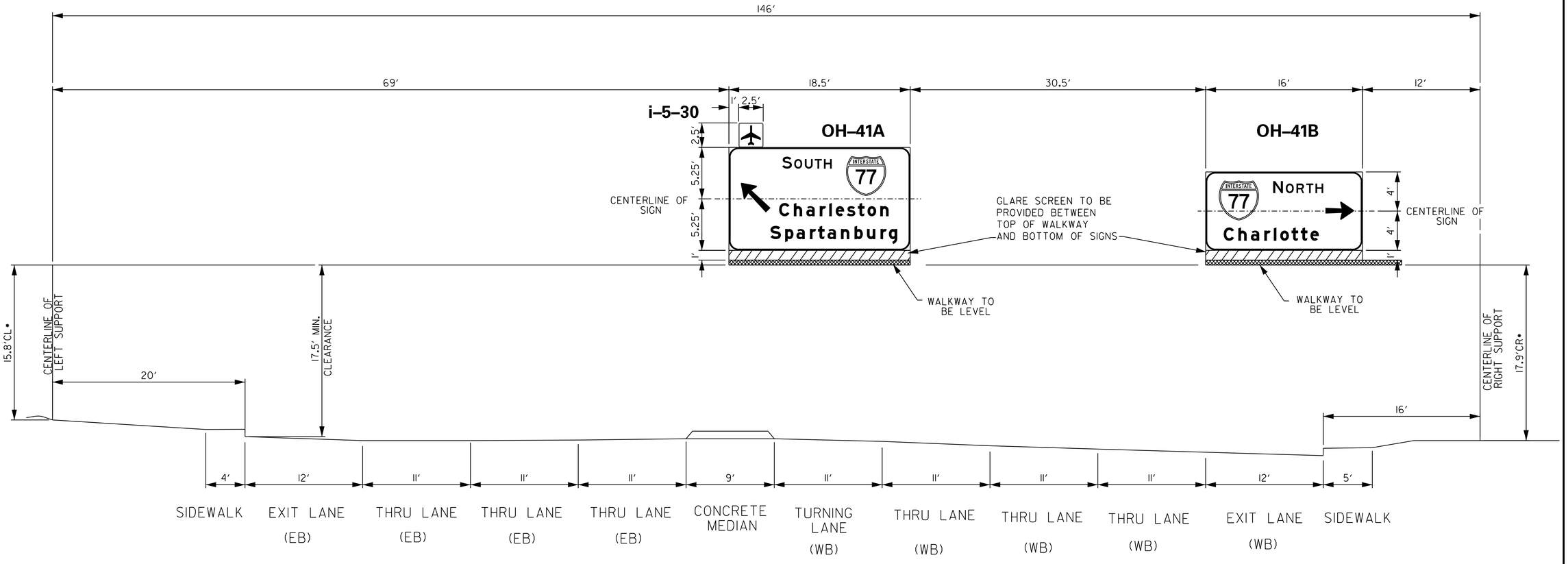
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7AN

REFERENCE PLAN SHEET SN31

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 41

I–77 & US 378/76 (EXIT 9)

US 378/76 WESTBOUND

STA. NO. 168+80

RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID W. KEENE 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1″ = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7AN

1/10/2020
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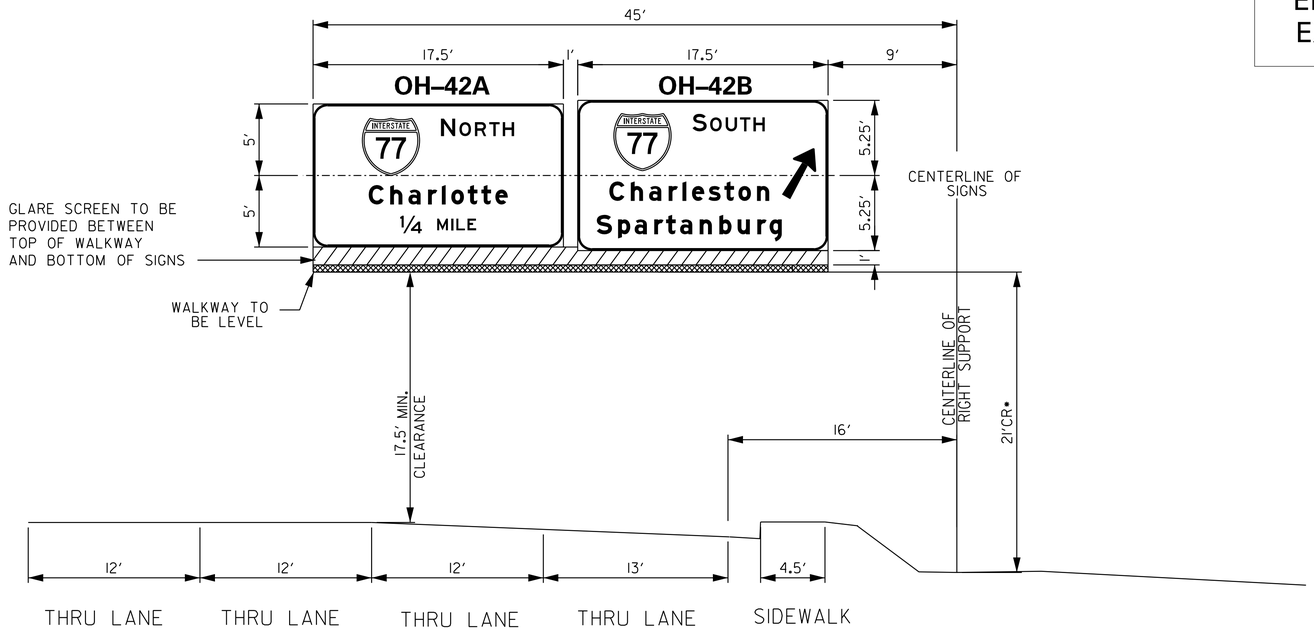
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7-0

REFERENCE PLAN SHEET SN31

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 42
US 76/378 (EXIT 9)
STA. NO. 164+00
US 76/378 EASTBOUND
RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE C.ROLIN.S No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 — DAVID H. YEARGIN
1/13/2020

REV. NO.	BY	D.TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D.TE _____
DWG. _____ D.TE _____
R/W _____ D.TE _____
PL-N SC-LE 1″ = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7A0

1/10/2020
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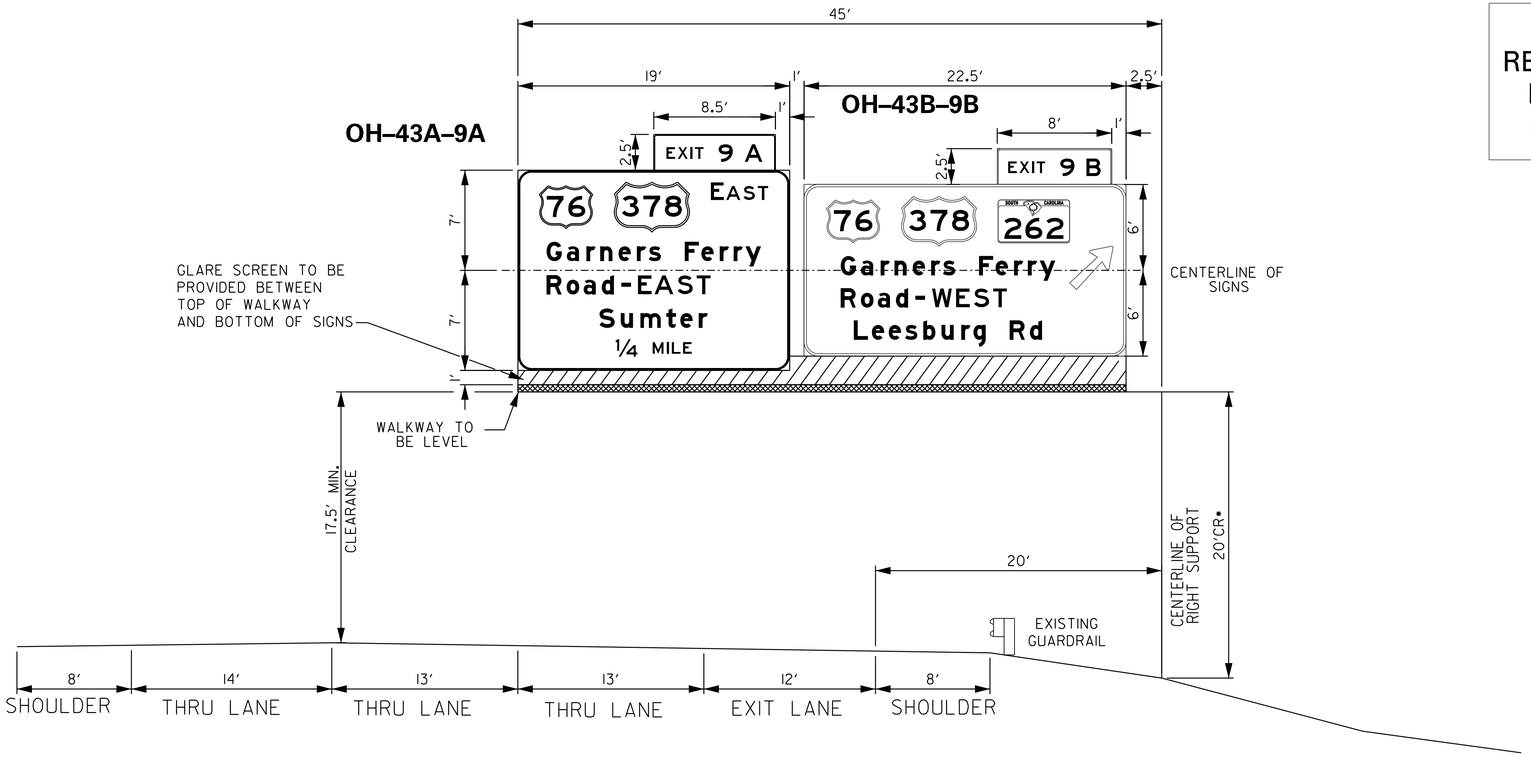
REFERENCE PLAN SHEET SN35

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 43

I–77 & US 378/76 (EXIT 9A & 9B)

STA. NO. 863+00

I–77 SOUTHBOUND

RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA
HDR ENGINEERING INC.
OF THE CAROLINAS
No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 24492
DAVID H. HEDGE
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____ PL-N SC-LE 1″ = 5′
R/W _____ D-TE _____

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7AP

1/10/2020
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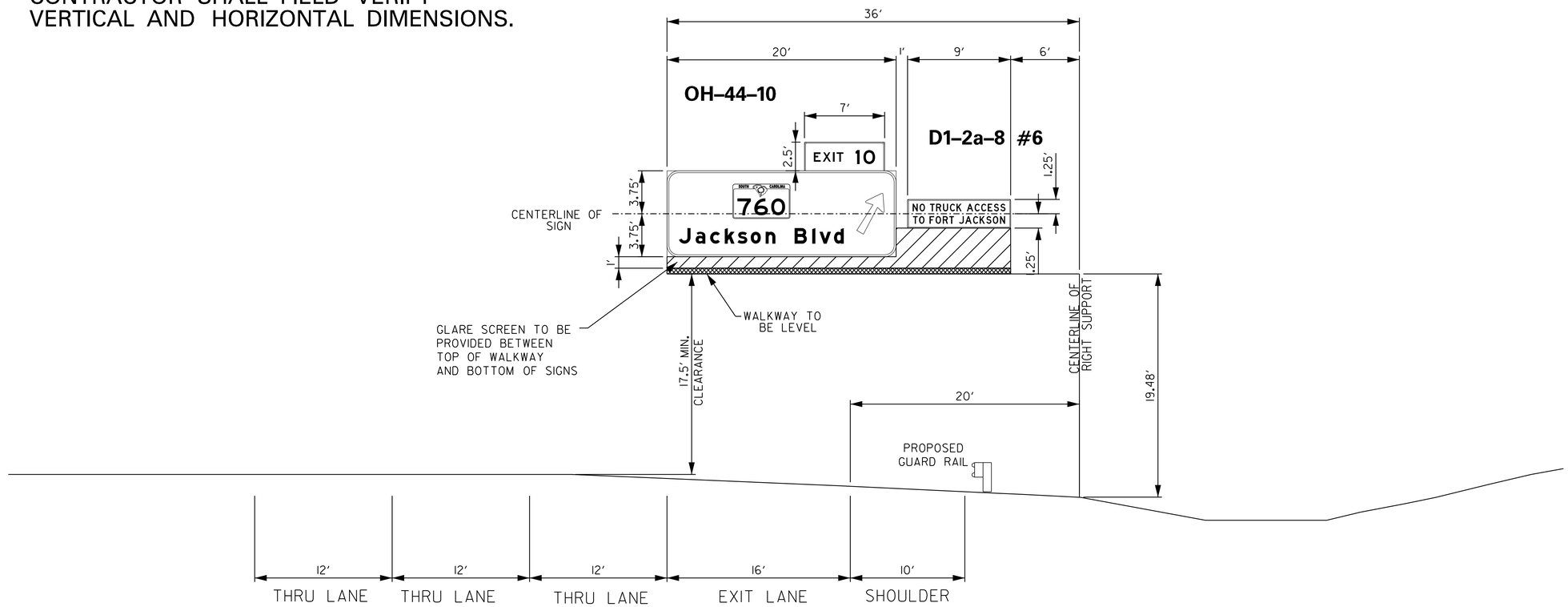
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7AO

REFERENCE PLAN SHEET SN36

ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN

NOTE:
CONTRACTOR SHALL FIELD VERIFY
VERTICAL AND HORIZONTAL DIMENSIONS.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.

OVERHEAD STRUCTURE NO. 44
I–77 & JACKSON BLVD. (EXIT 10)
STA. NO. 904+50
I–77 NORTHBOUND
RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE CAROLINAS — No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — DAVID H. KERR — REGISTERED — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____ PL-N SC-LE 1″ = 5′
R/W _____ D-TE _____

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7AO

1/10/2020
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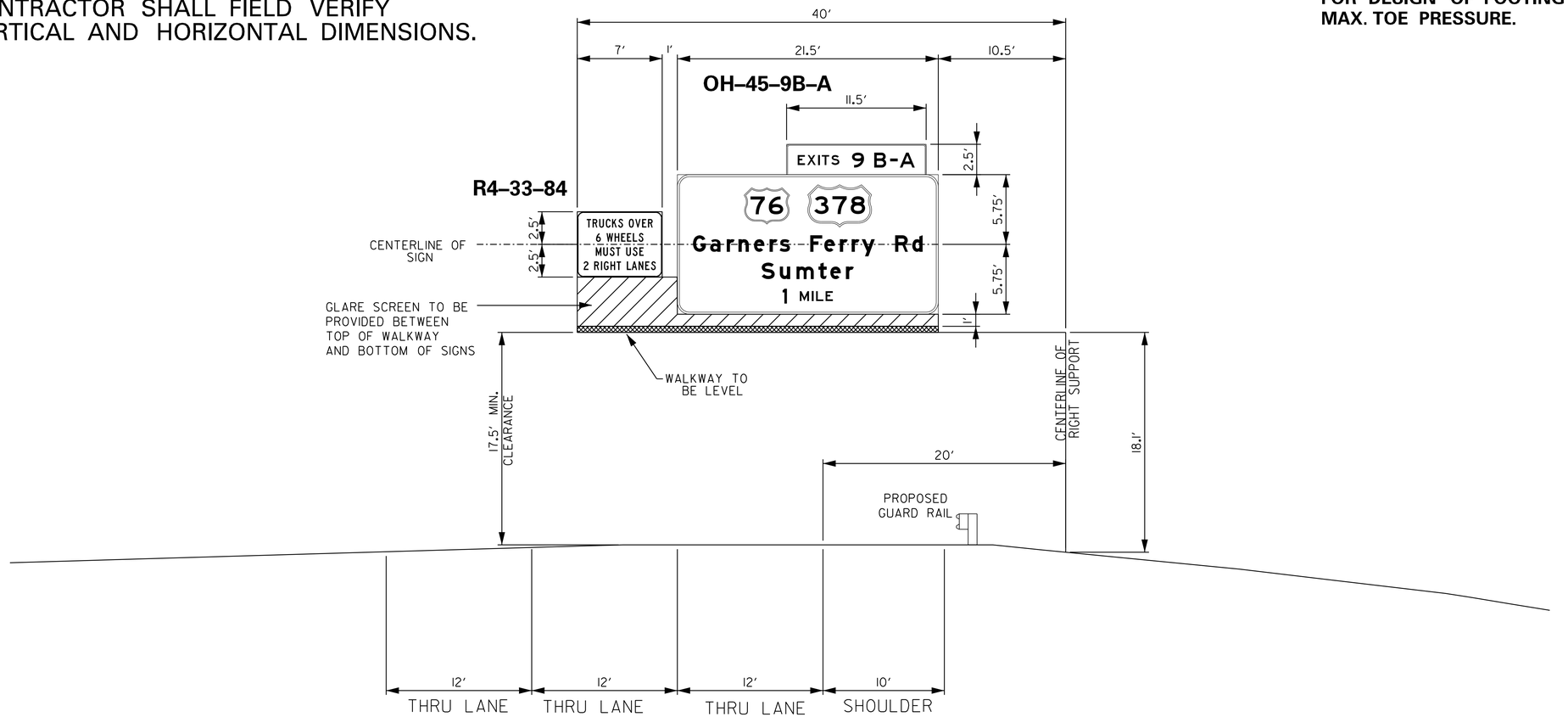
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7AR

REFERENCE PLAN SHEET SN37

ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN

NOTE:
CONTRACTOR SHALL FIELD VERIFY
VERTICAL AND HORIZONTAL DIMENSIONS.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 45

I–77 & US 378/76 (EXIT 9B–A)

STA. NO. 915+50

I–77 SOUTHBOUND

RICHLAND CO. SCALE: 1″ = 5′

NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE C.ROLIN-S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. KEE
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____ PL-N SC-LE 1″ = 5′
R/W _____ D-TE _____

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7AR

1/10/2020
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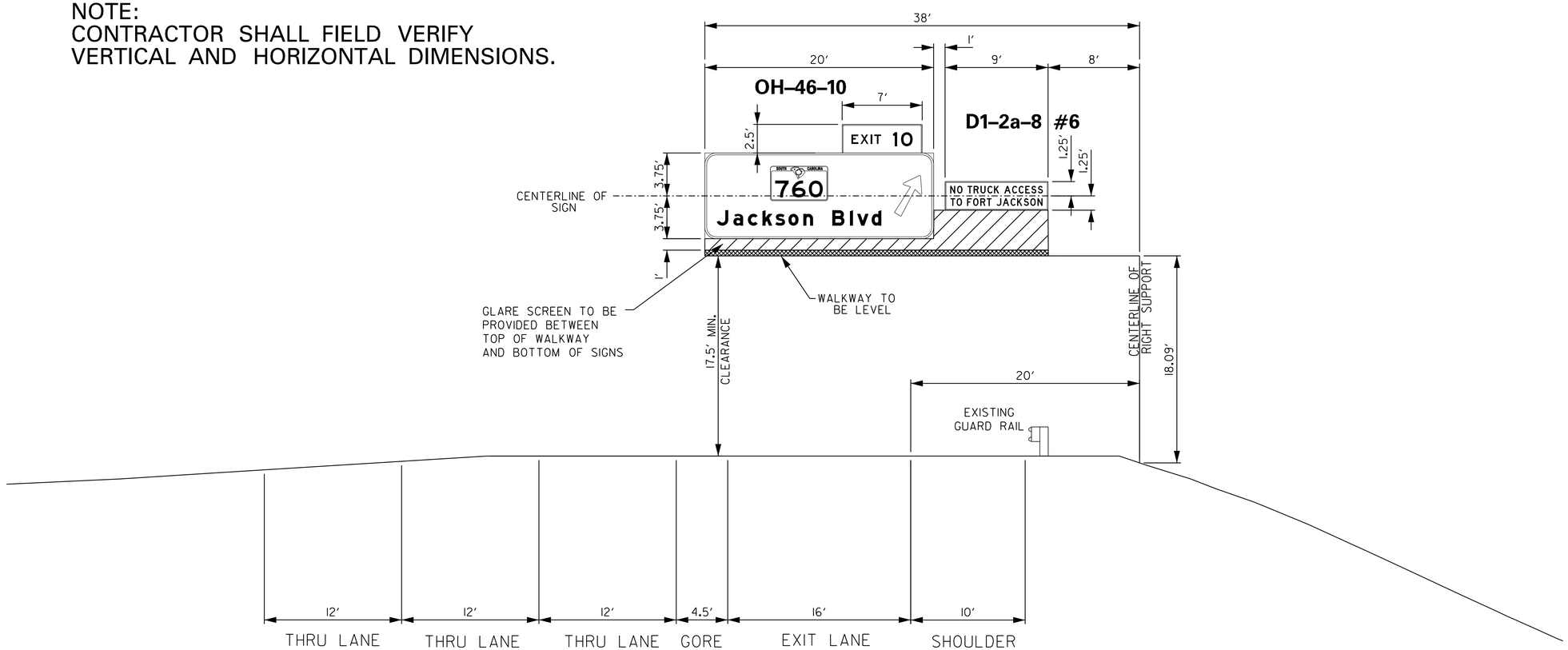
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7AS

REFERENCE PLAN SHEET SN37

ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN

NOTE:
CONTRACTOR SHALL FIELD VERIFY
VERTICAL AND HORIZONTAL DIMENSIONS.



NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.

OVERHEAD STRUCTURE NO. 46
I–77 & SC 760 (EXIT 10)
STA. NO. 929+20
I–77 SOUTHBOUND
RICHLAND CO. SCALE: 1" = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 24492
DAVID H. YEOMANS
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1" = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7AS

1/10/2020
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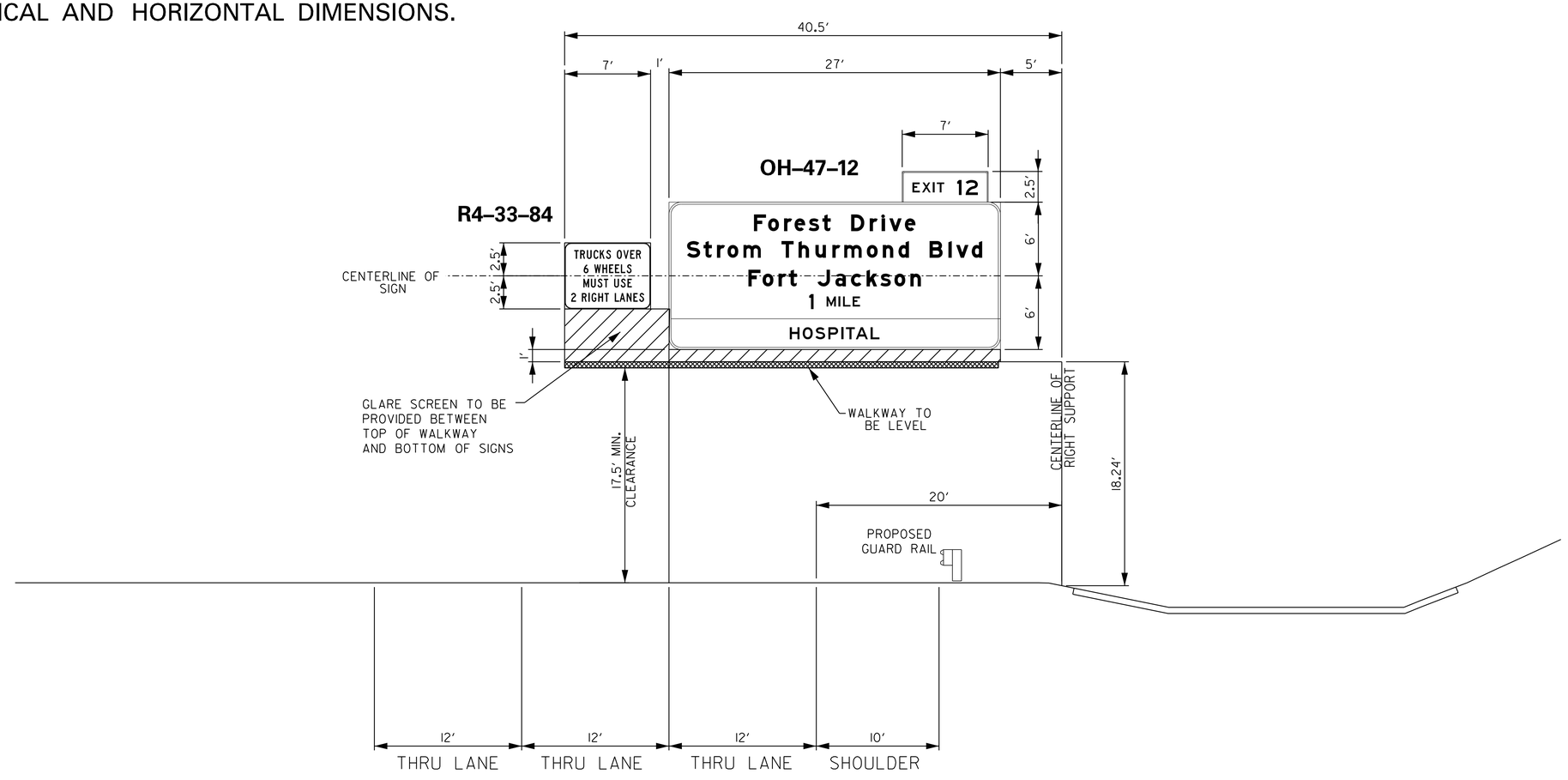
DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. NO	P038337	I-77	SN7-T

REFERENCE PLAN SHEET SN40

ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN

NOTE:
CONTRACTOR SHALL FIELD VERIFY
VERTICAL AND HORIZONTAL DIMENSIONS.



OVERHEAD STRUCTURE NO. 47
I–77 & FORT JACKSON (EXIT 12)
STA. NO. 950 + 00
I–77 NORTHBOUND
RICHLAND CO. SCALE: 1″ = 5′

NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION — HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038

SOUTH CAROLINA PROFESSIONAL ENGINEER — No. 24492 — DAVID H. KEMME — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1″ = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7AT

1/10/2020
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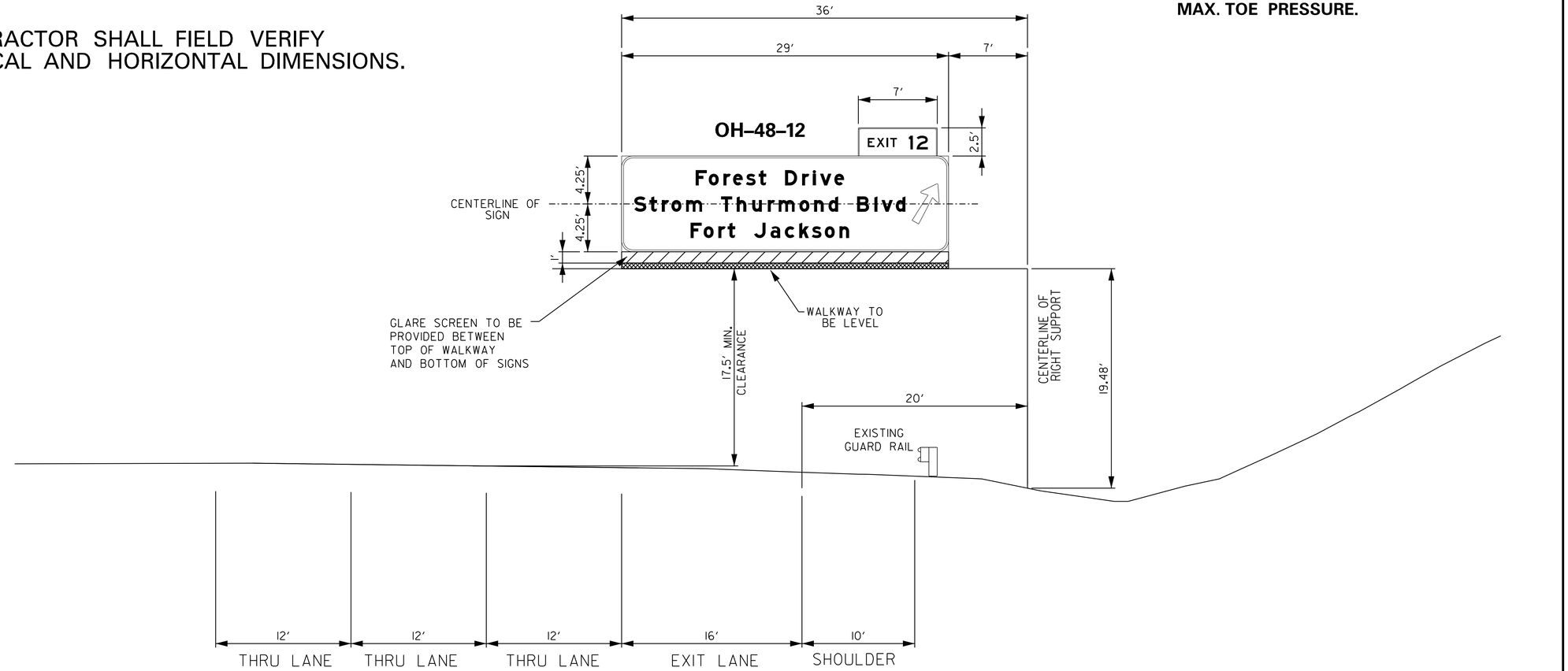
DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL.-ND	P038337	I-77	SN7-U

REFERENCE PLAN SHEET SN41

ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN

NOTE:
CONTRACTOR SHALL FIELD VERIFY
VERTICAL AND HORIZONTAL DIMENSIONS.



NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.

OVERHEAD STRUCTURE NO. 48
I–77 & FORT JACKSON (EXIT 12)
STA. NO. 1006 + 30
I–77 NORTHBOUND
RICHLAND CO. SCALE: 1" = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — DAVID H. YEOMANS — REGISTERED — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1" = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7AU

1/10/2020
c:\pwworking\eastOh\dl063238\OH X Sect_OH16-65.dgn

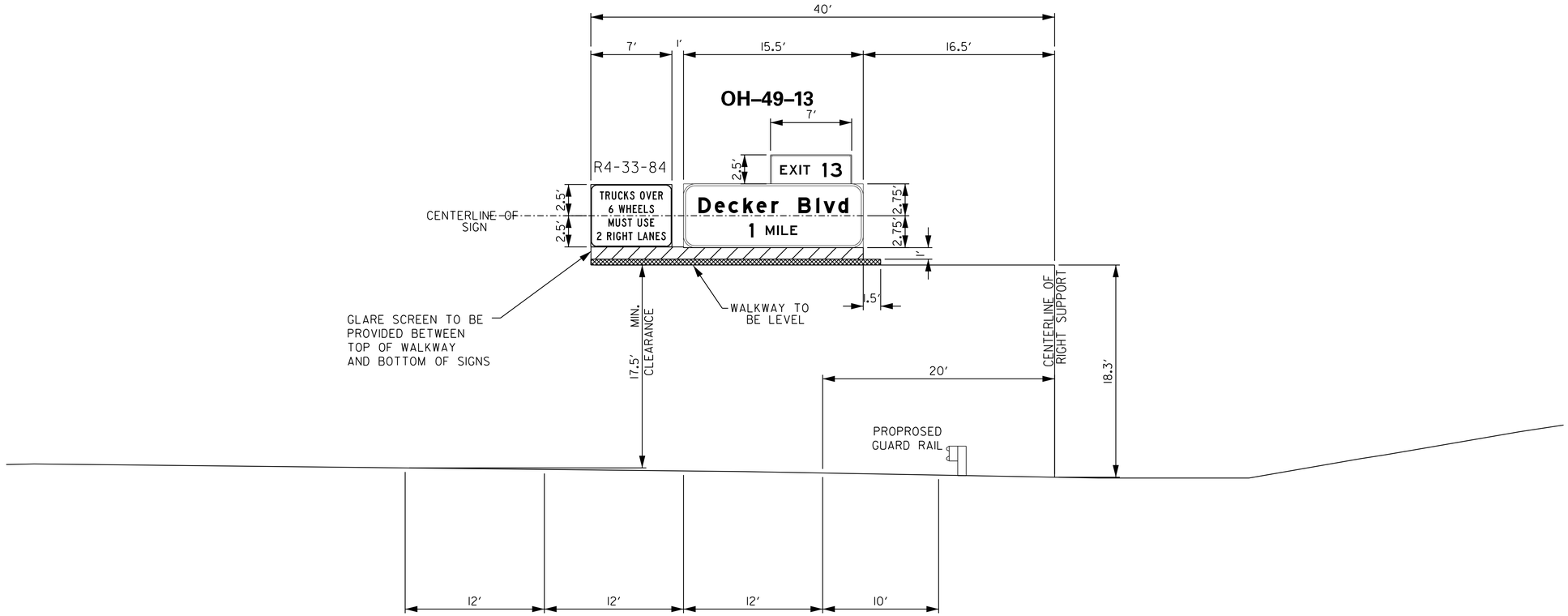
DocuSign Envelope ID: 3C1BF67C-0009-4E2D-A90F-215A4B6F9614

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7-V

REFERENCE PLAN SHEET SN41

ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN

NOTE:
CONTRACTOR SHALL FIELD VERIFY
VERTICAL AND HORIZONTAL DIMENSIONS.



NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.

OVERHEAD STRUCTURE NO. 49
I–77 & DECKER BLVD (EXIT 13)
STA. NO. 1027 + 50
I–77 NORTHBOUND
RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA
HDR ENGINEERING INC.
OF THE C.ROLIN-S
No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 24492
DAVID H. HOPE
1/21/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____ PL-N SC-LE 1″ = 5′
R/W _____ D-TE _____

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7AV

1/21/2020
c:\pw working\east01\d0632381 OH x Sect_OH16-65.dgn

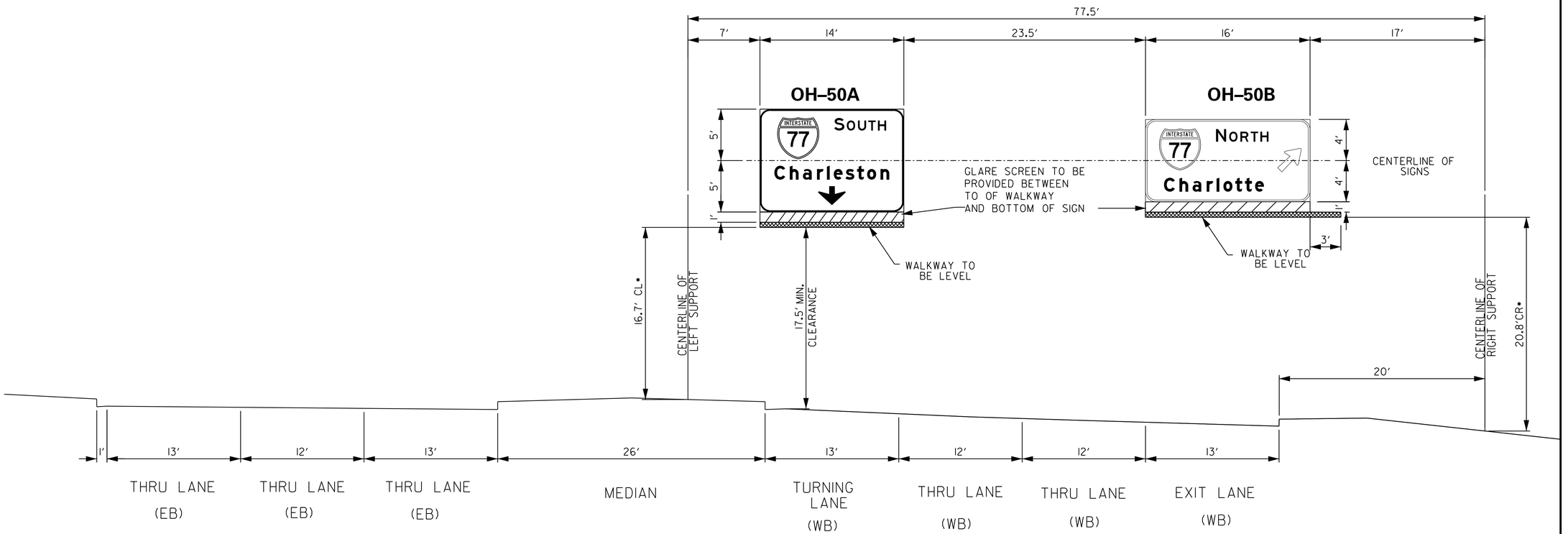
DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7AW

REFERENCE PLAN SHEET SN42

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 50

I–77 & STROM THURMOND BLVD (EXIT 12)

STA. NO. 2+30

STROM THURMOND BLVD WESTBOUND

RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE C.ROLIN-S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. SIGLER 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____ PL-N SC-LE 1″ = 5′
R/W _____ D-TE _____

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7-W

1/10/2020
c:\pw working\east01\d0632381 OH x Sect_OH16-65.dgn

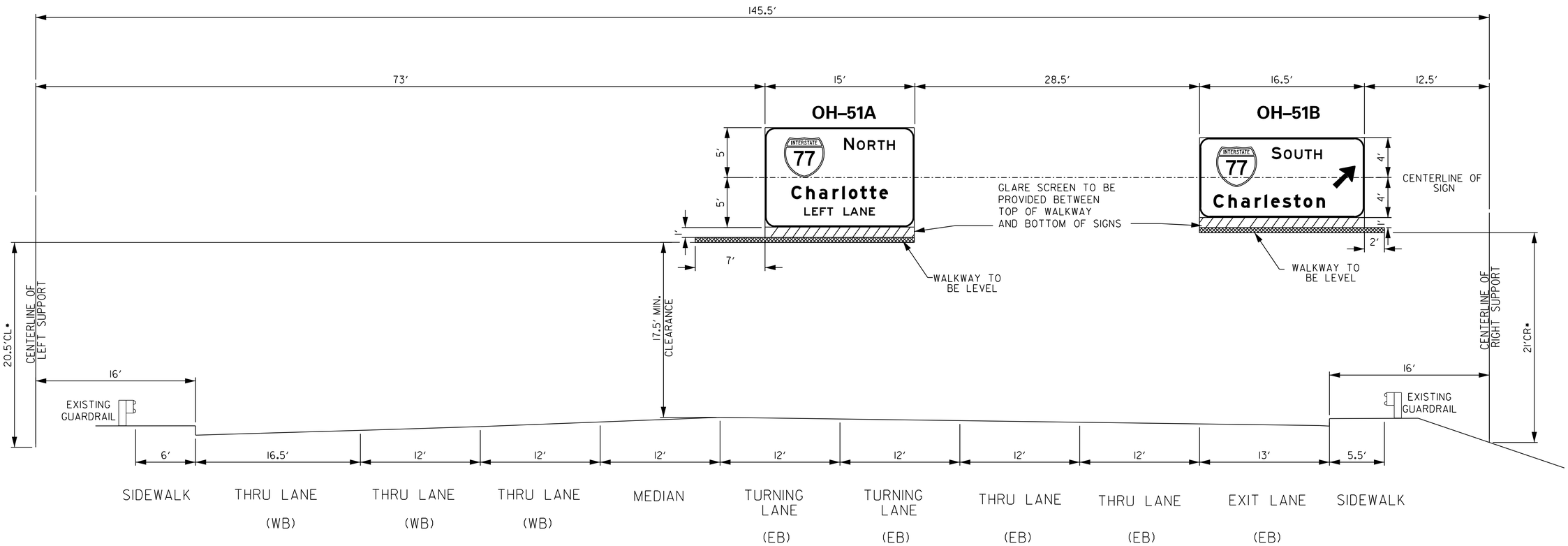
DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7-X

REFERENCE PLAN SHEET SN42

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 51

I–77 & STROM THURMOND BLVD (EXIT 12)

STA. NO. 12+50

STROM THURMOND BLVD EASTBOUND

RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE C.ROLIN.S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. HEDRICK
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____ PL-N SC-LE 1″ = 5′
R/W _____ D-TE _____

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7AX

1/10/2020
c:\Dwworking\eastOH\d0632381OH x Sect-OH16-65.dgn

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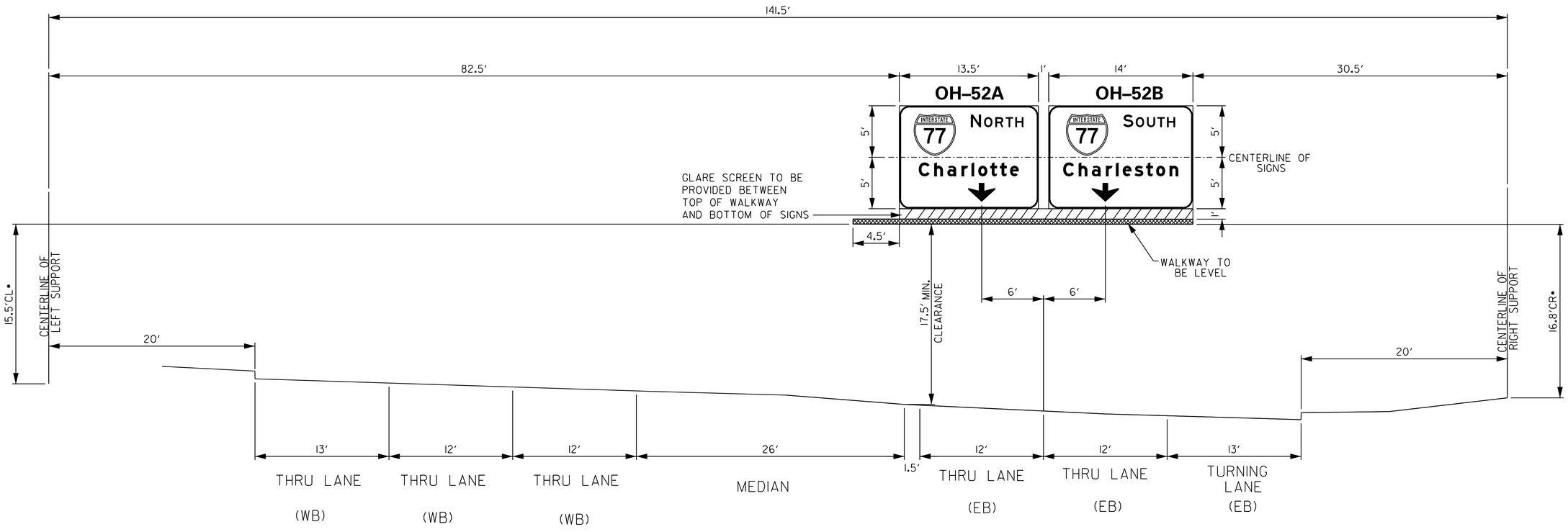
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7-Y

REFERENCE PLAN SHEET SN43

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 52

I–77 & STROM THURMOND BLVD (EXIT 12)

STA. NO. 21+10

STROM THURMOND EASTBOUND

RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE C.ROLIN.S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. HEDRICK 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____

PL-N SC-LE 1* = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7AY

1/10/2020
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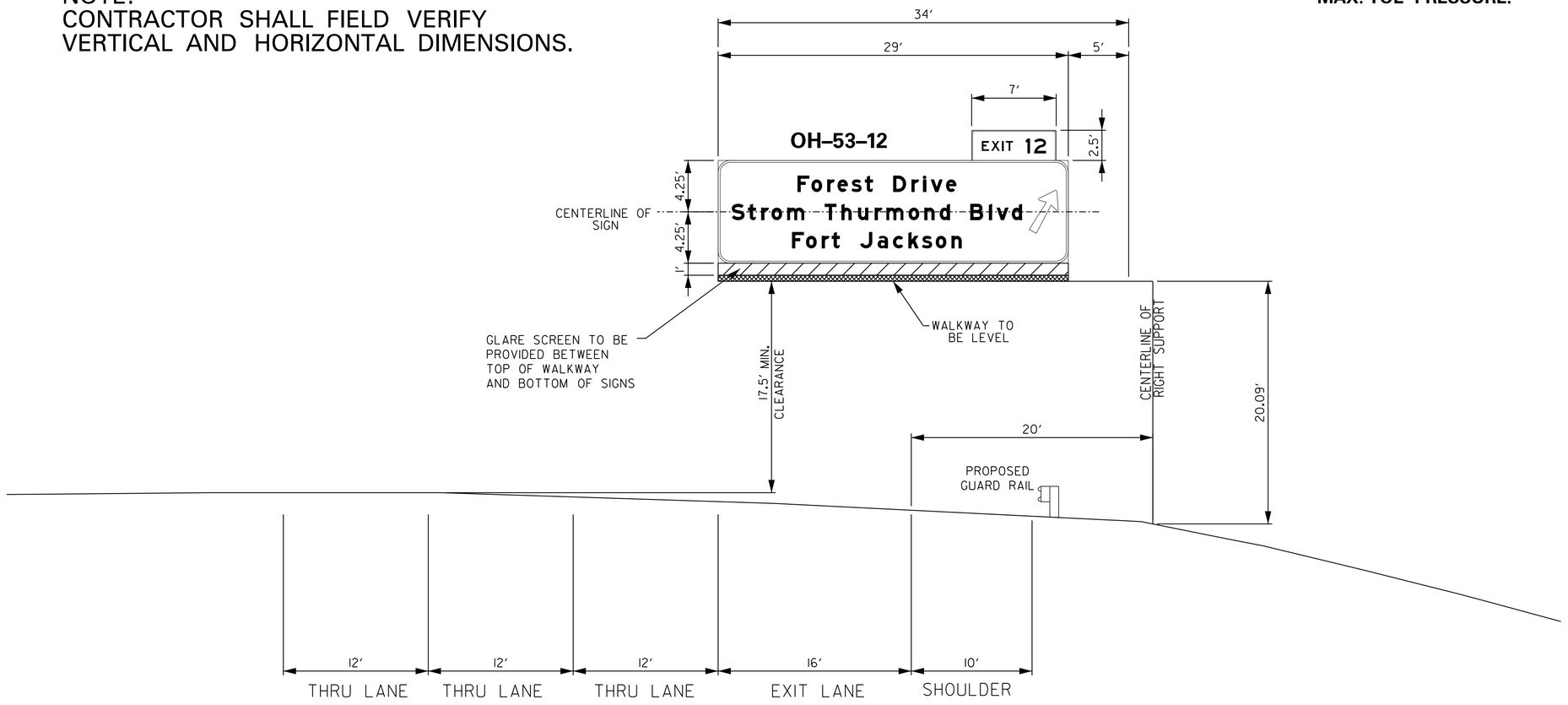
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7AZ

REFERENCE PLAN SHEET SN44

ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN

NOTE:
CONTRACTOR SHALL FIELD VERIFY
VERTICAL AND HORIZONTAL DIMENSIONS.



NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.

OVERHEAD STRUCTURE NO. 53
I–77 & FORT JACKSON (EXIT 12)
STA. NO. 1054 + 25
I–77 SOUTHBOUND
RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — REGISTERED PROFESSIONAL ENGINEER — No. 24492 — DAVID H — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE I* = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7AZ

1/10/2020
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FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7BA

REFERENCE PLAN SHEET SN44

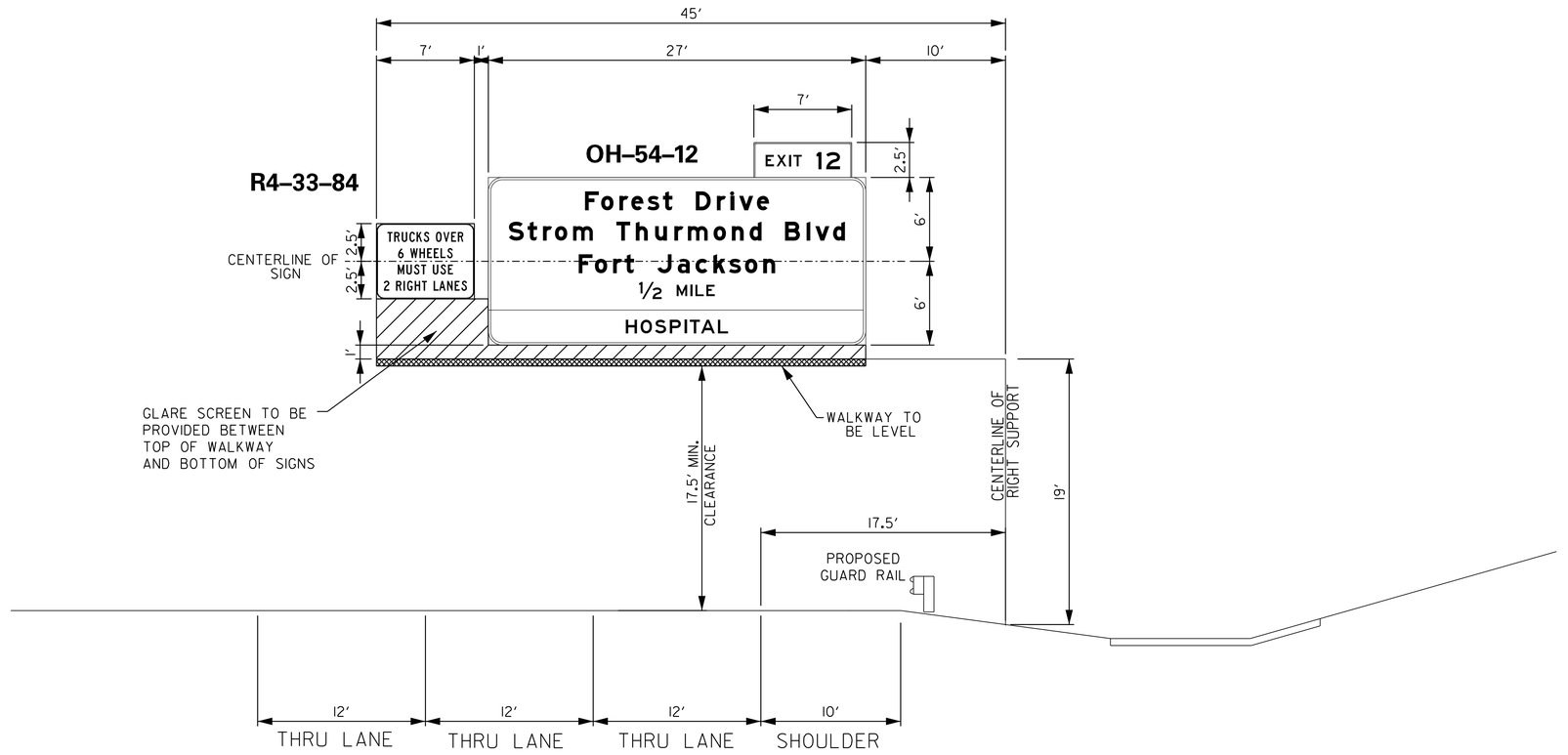
NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.

ERECT NEW OVERHEAD STRUCTURE AND NEW SIGNS

NOTE:
CONTRACTOR SHALL FIELD VERIFY
VERTICAL AND HORIZONTAL DIMENSIONS.



OVERHEAD STRUCTURE NO. 54
I–77 & FORT JACKSON (EXIT 12)
STA. NO. 1068 + 25
I–77 SOUTHBOUND
RICHLAND CO. SCALE: 1" = 5′

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE C.ROLIN.S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 REGISTERED
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1" = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7BA

1/10/2020
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FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7BC

REFERENCE PLAN SHEET SN45

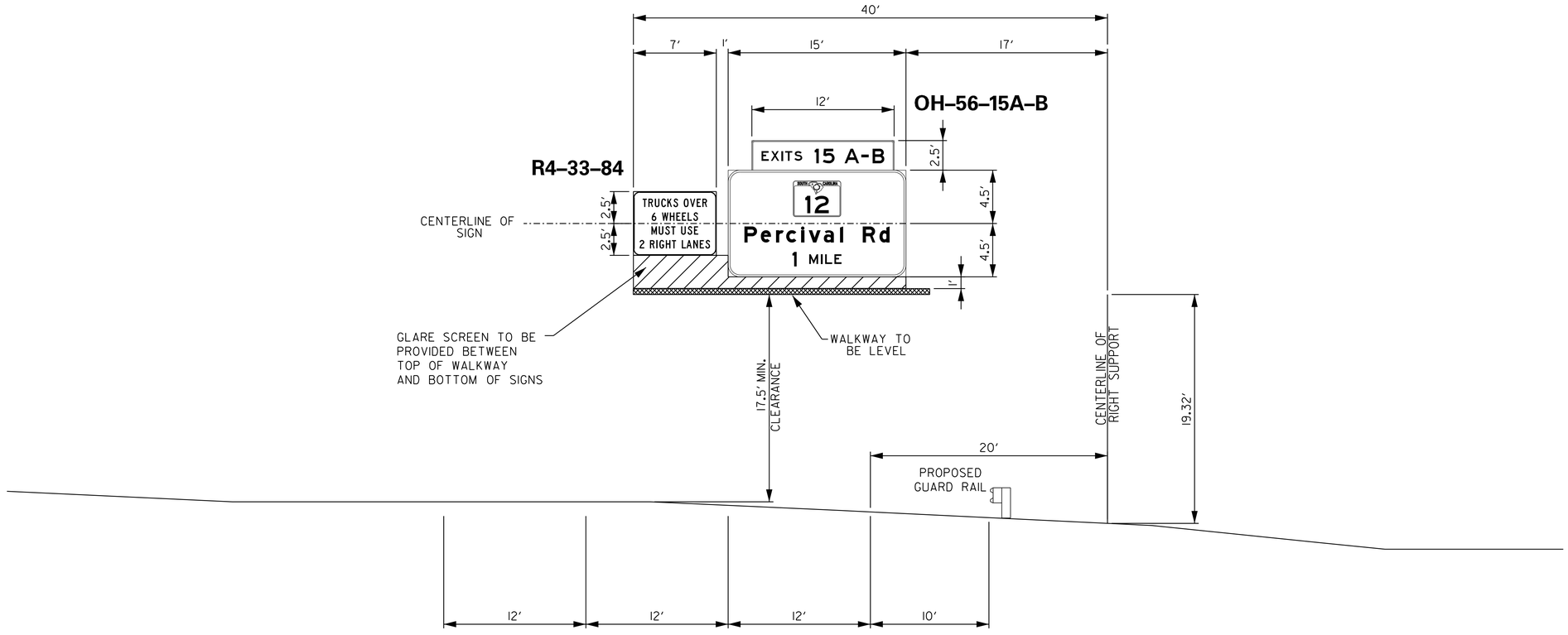
NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.

ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN

NOTE:
CONTRACTOR SHALL FIELD VERIFY
VERTICAL AND HORIZONTAL DIMENSIONS.



OVERHEAD STRUCTURE NO. 56
I-77 & PERCIVAL RD (EXIT 15A-B)
STA. NO. 1097 + 00
I-77 NORTHBOUND
RICHLAND CO. SCALE: 1" = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — LICENSED PROFESSIONAL ENGINEER — No. 24492 — DAVID H — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE I" = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7BC

1/10/2020
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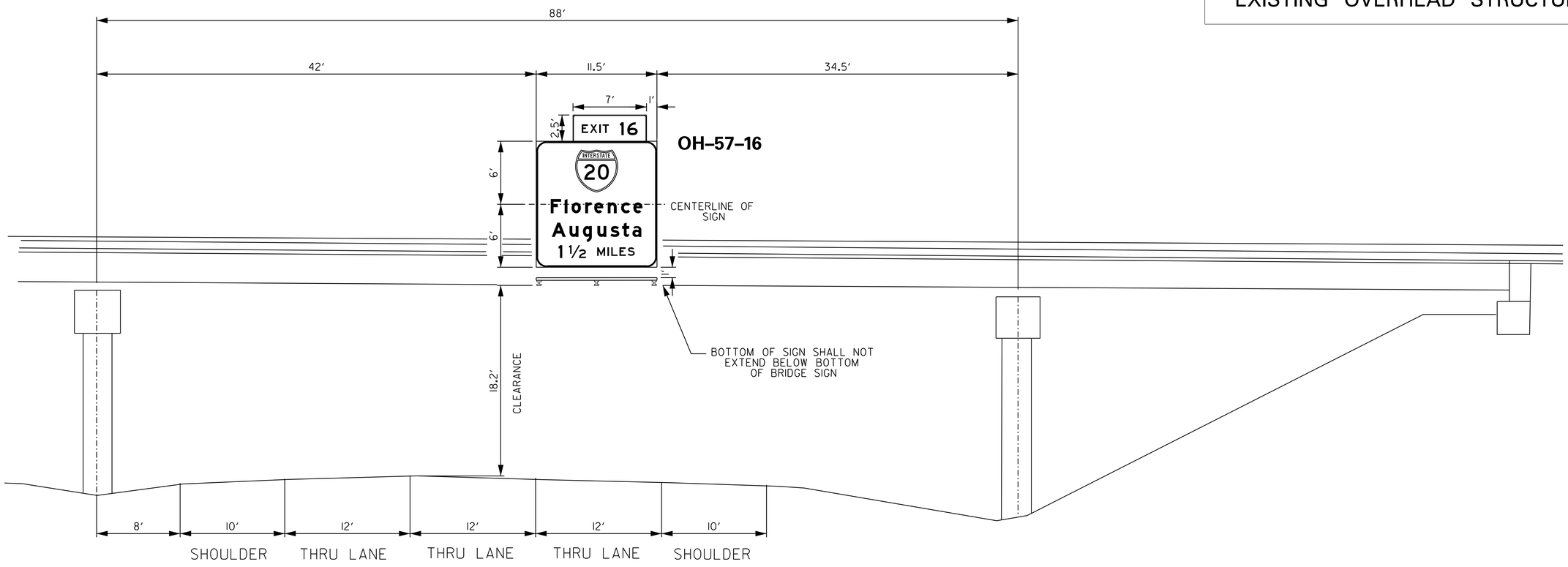
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7BD

REFERENCE PLAN SHEET SN48

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 57

I–77 & SC–12

STA. NO. 1118+80

I–77 NORTHBOUND

RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA
HDR ENGINEERING INC.
OF THE C.ROLIN.S
No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 24492
DAVID H. [illegible]
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1″ = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7BD

1/10/2020
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DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7BB

REFERENCE PLAN SHEET SN45

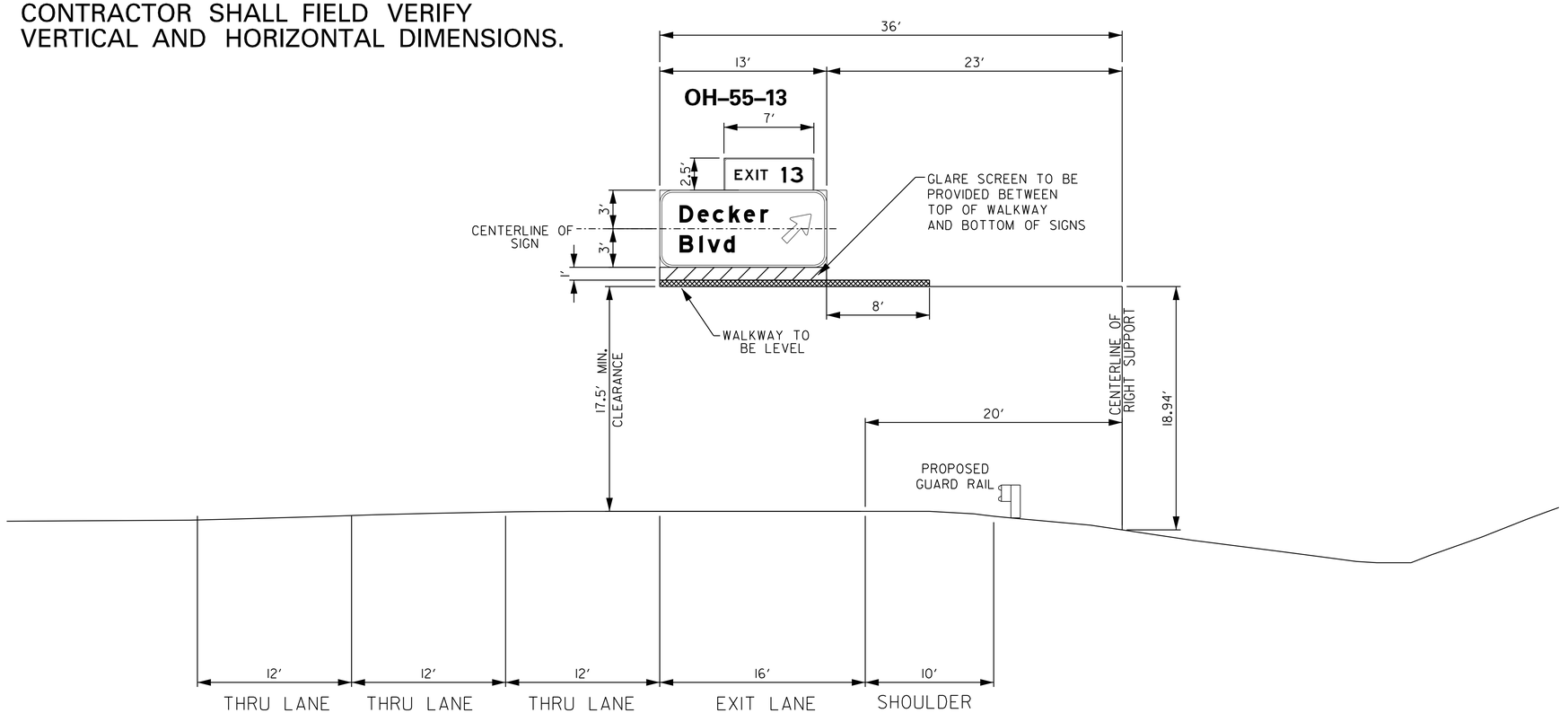
NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.

ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN

NOTE:
CONTRACTOR SHALL FIELD VERIFY
VERTICAL AND HORIZONTAL DIMENSIONS.



OVERHEAD STRUCTURE NO. 55
I–77 & DECKER BLVD (EXIT 13)
STA. NO. 1082 + 25
I–77 NORTHBOUND
RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. HESS
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1" = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7BB

1/10/2020
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DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7BE

REFERENCE PLAN SHEET SN21

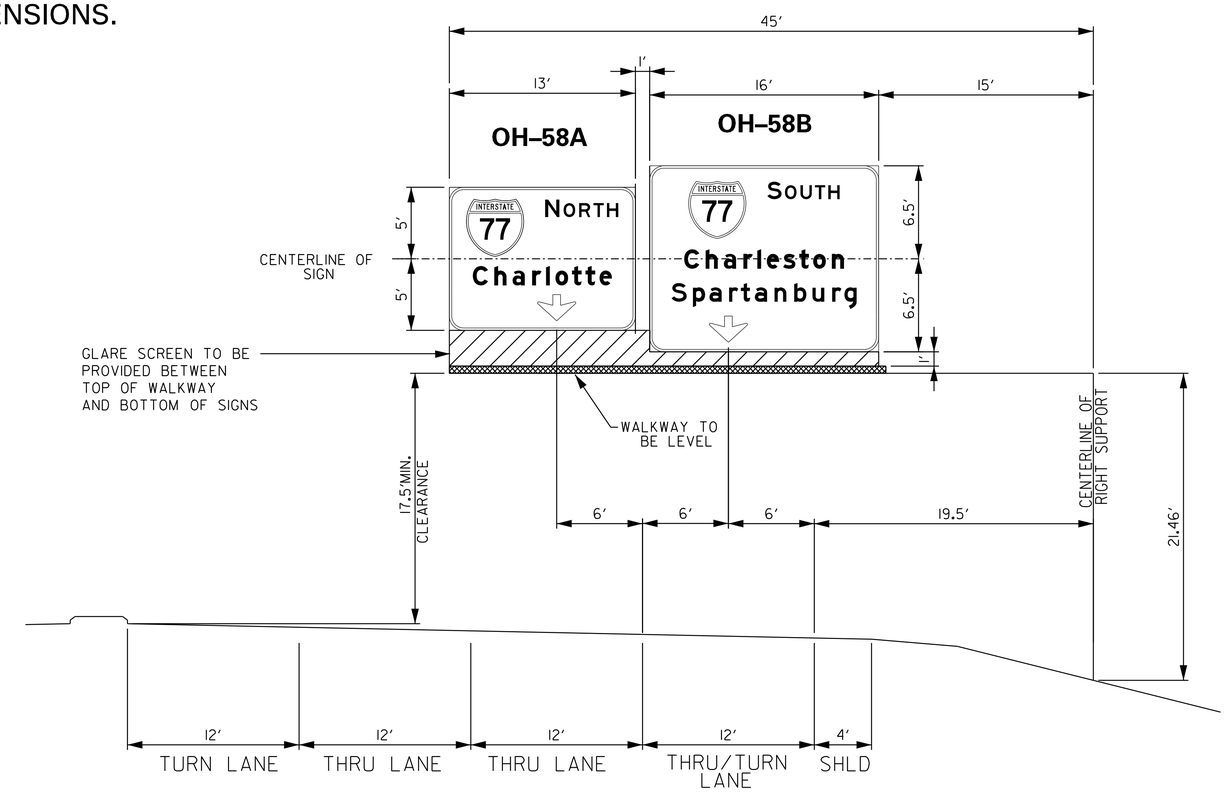
ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN

NOTE:
CONTRACTOR SHALL FIELD VERIFY
VERTICAL AND HORIZONTAL DIMENSIONS.

NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 58
I–77 & SC 48 (BLUFF RD) (EXIT 5)
STA. NO. 36+00
SC 48 EASTBOUND
RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER — No. 24492 — DAVID H. KEENE — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1″ = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 — DWG. NO. SN7BE

1/10/2020
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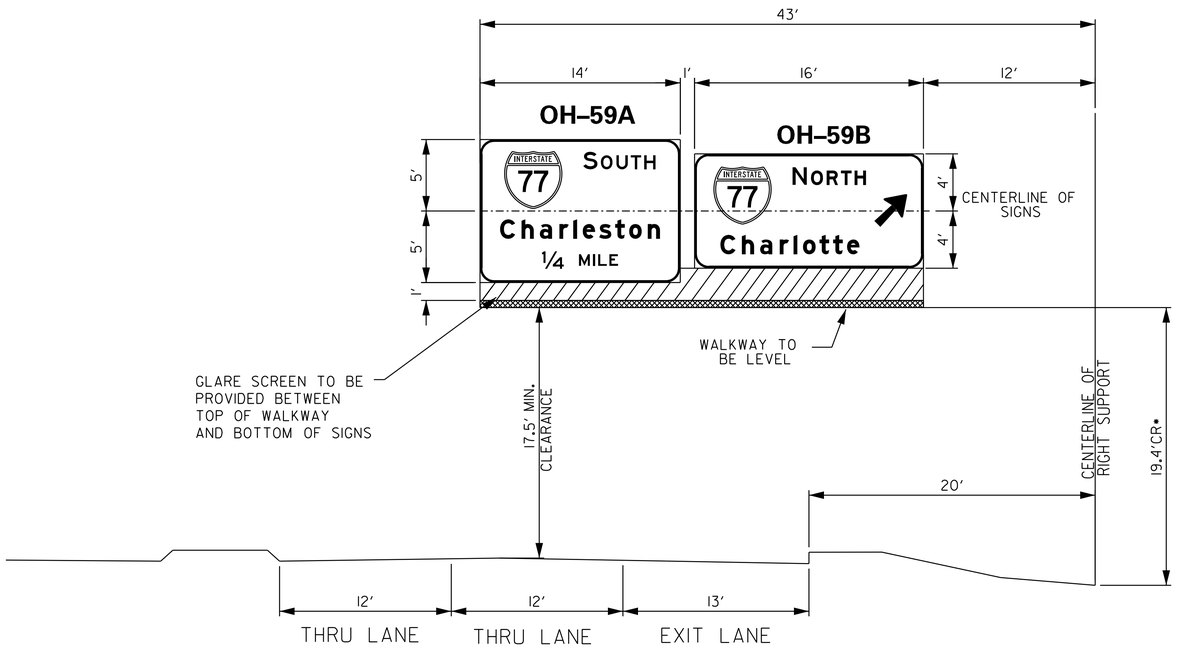
DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7BF

REFERENCE PLAN SHEET SN50

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 59

I–77 & SC 12 (PERCIVAL RD) (EXIT 15)

STA. NO. 147+90

SC 12 WESTBOUND

RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION HDR ENGINEERING INC. OF THE CAROLINAS No. C038

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. FERRIS
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____ PL-N SC-LE 1″ = 5′
R/W _____ D-TE _____

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7BF

1/10/2020
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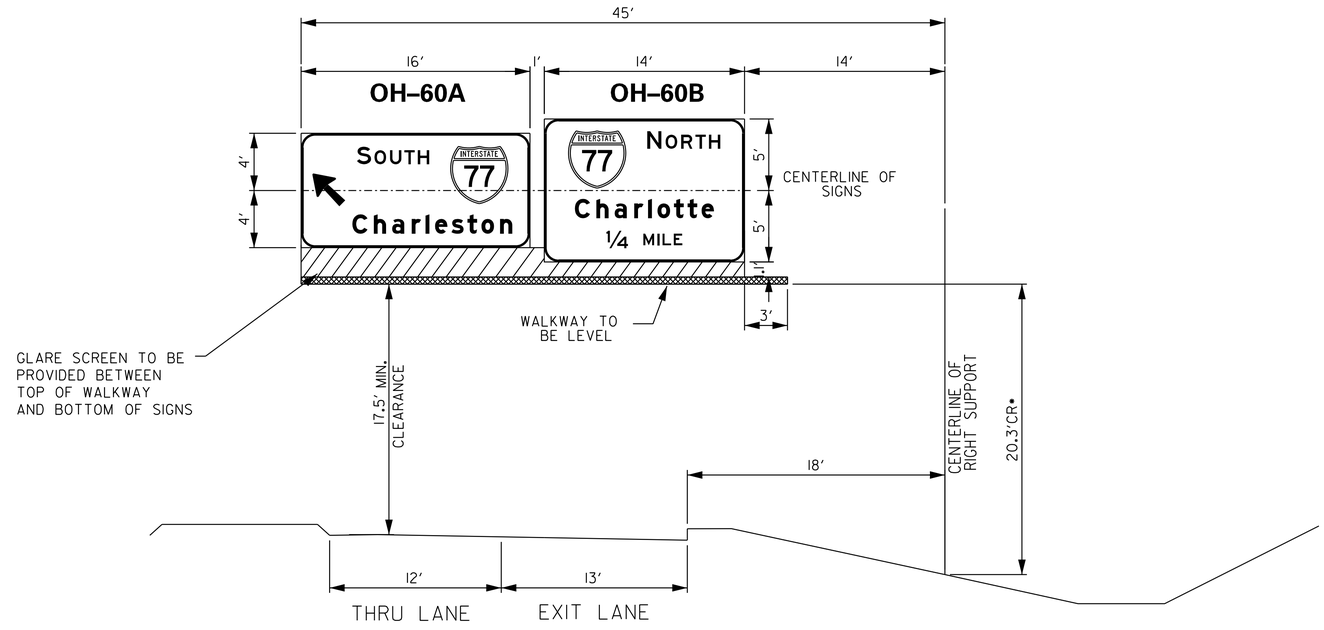
DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7BG

REFERENCE PLAN SHEET SN50

EXISTING STRUCTURE
NO SHOP DRAWINGS AVAILABLE.

REMOVE EXISTING SIGN
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 60

I–77 & SC 12 (PERCIVAL RD) (EXIT 15)

STA. NO. 130+80

SC 12 WESTBOUND

RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE I* = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7BG

1/10/2020
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DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7BH

REFERENCE PLAN SHEET SN9

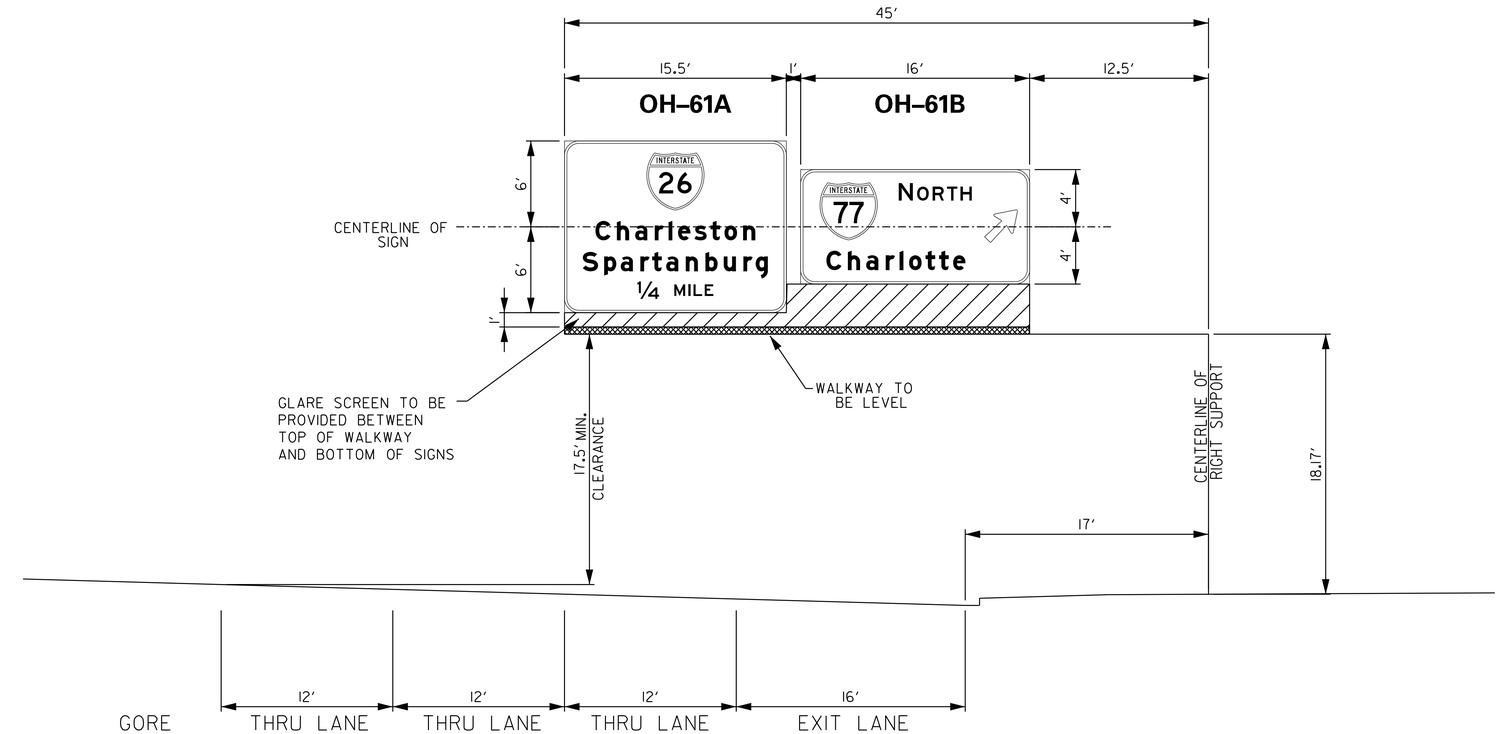
ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN

NOTE:
CONTRACTOR SHALL FIELD VERIFY
VERTICAL AND HORIZONTAL DIMENSIONS.

NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 61
US 321 SOUTHBOUND
LEXINGTON CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE C.ROLIN.S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. FERRIS
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1" = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.
I-77 RESIGNING
OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7BH

1/10/2020
c:\pwworking\east0\d1063238\0H X Sect_0H16-65.dgn

DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7B1

REFERENCE PLAN SHEET SN9

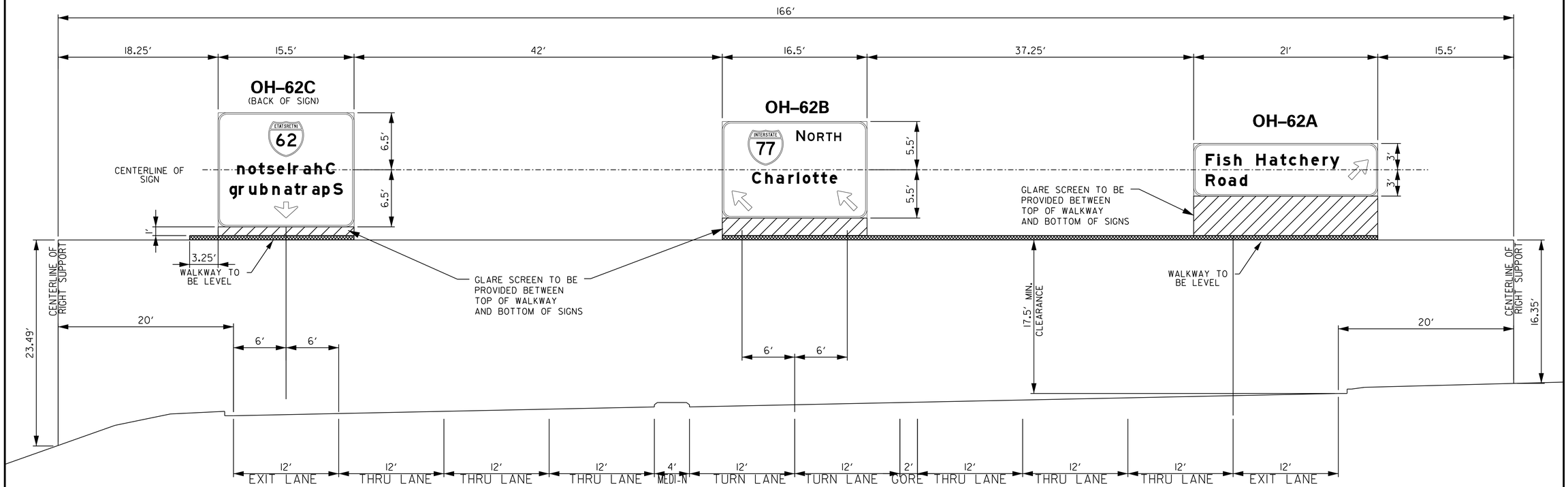
NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.

ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN

NOTE:
CONTRACTOR SHALL FIELD VERIFY
VERTICAL AND HORIZONTAL DIMENSIONS.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 62
US 321 NORTHBOUND
LEXINGTON CO. SCALE: NTS

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER — No. 24492 — DAVID H. LEE — REGISTERED — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1" = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 — DWG. NO. SN7B1

1/10/2020
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DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. NO	P038337	I-77	SN7BJ

REFERENCE PLAN SHEET SN14

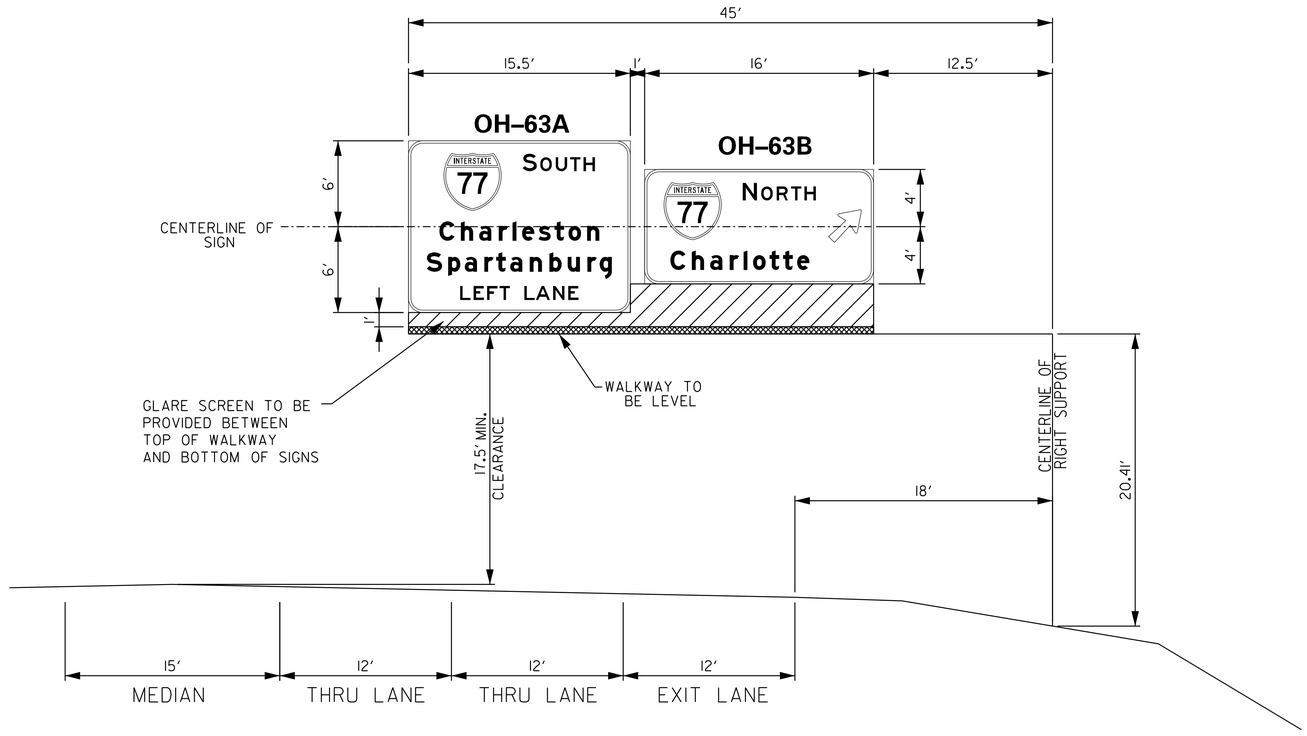
ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN

NOTE:
CONTRACTOR SHALL FIELD VERIFY
VERTICAL AND HORIZONTAL DIMENSIONS.

NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 63

SC–35 (12th STREET EXT.)

STA. NO. 162+50

SC–35 NORTHBOUND

LEXINGTON CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — DAVID H. [illegible] — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1" = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7BJ

1/10/2020
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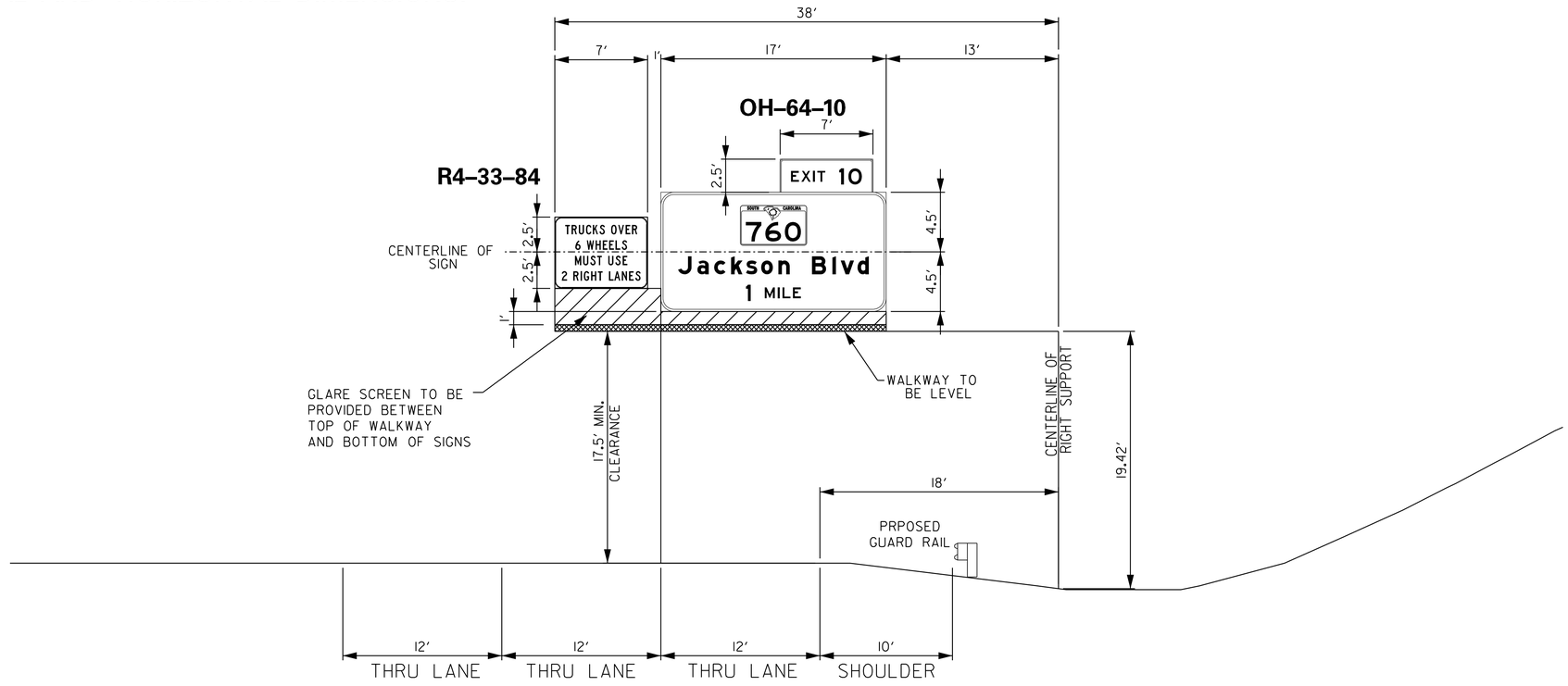
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7BK

REFERENCE PLAN SHEET SN40

ERECT NEW OVERHEAD STRUCTURE AND NEW SIGN

NOTE:
CONTRACTOR SHALL FIELD VERIFY
VERTICAL AND HORIZONTAL DIMENSIONS.



* BASED ON 17.5′ ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH.

OVERHEAD STRUCTURE NO. 64
I–77 & JACKSON BLVD. (EXIT 10)
STA. NO. 979+50
I–77 NORTHBOUND
RICHLAND CO. SCALE: 1″ = 5′

NOTE:

DESIGN WIND SPEED = 90 MPH.

FOR DESIGN OF FOOTING USE 3,000 PSI MAX. TOE PRESSURE.

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. HUGHES REGISTERED 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____ PL-N SC-LE 1″ = 5′
R/W _____ D-TE _____

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD CROSS SECTION

I-77 DWG. NO. SN7BK

1/10/2020
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FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7BM

REFERENCE PLAN SHEET SN14

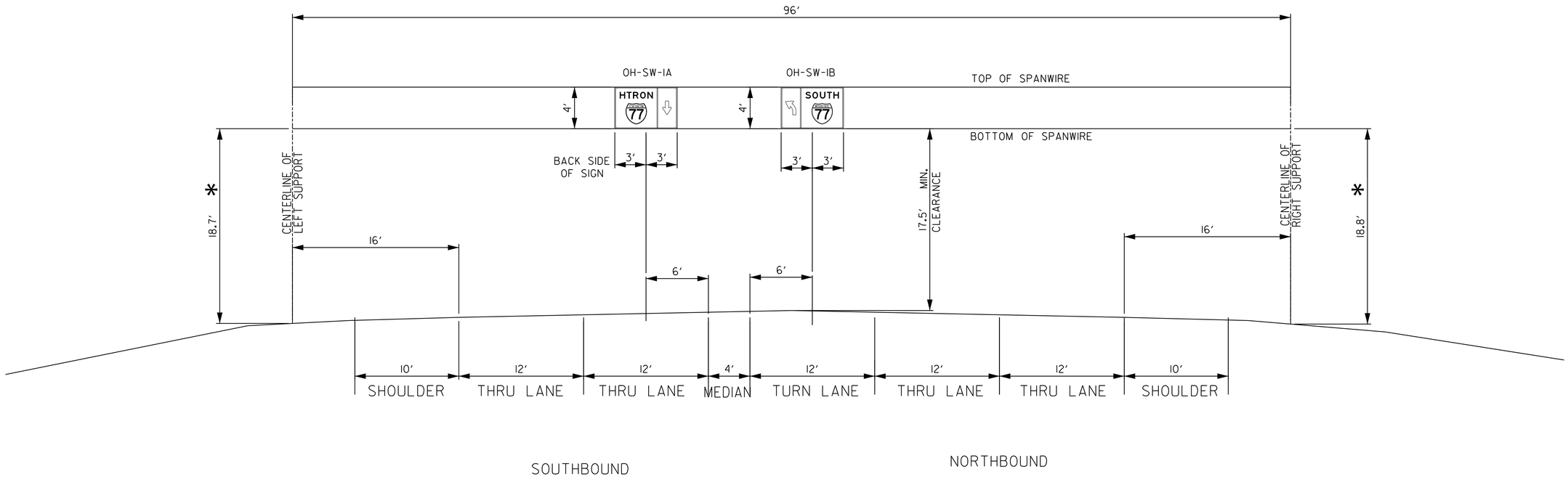
ERECT NEW OVERHEAD SPANWIRE STRUCTURE AND NEW SIGNS

NOTE:
CONTRACTOR SHALL FIELD VERIFY
VERTICAL AND HORIZONTAL DIMENSIONS.

NOTE:

DESIGN WIND SPEED = 90 MPH.

*** HEIGHT INCLUDES 3% MAXIMUM SAG AND BASED ON 17.5′ MINIMUM ROADWAY CLEARANCE.**



OVERHEAD STRUCTURE NO. OH–SW–1

I–77 & 12th EXTENSTION (EXIT 2)

LEXINGTON CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS

1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 CERTIFICATE OF AUTHORIZATION — SOUTH CAROLINA

SOUTH CAROLINA PROFESSIONAL ENGINEER — No. 24492 — DAVID H. YOUNG — REGISTERED — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1" = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD SPANWIRE CROSS SECTION

I-77 DWG. NO. SN7BM

1/10/2020
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FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7BN

ERECT NEW OVERHEAD SPANWIRE STRUCTURE AND NEW SIGNS

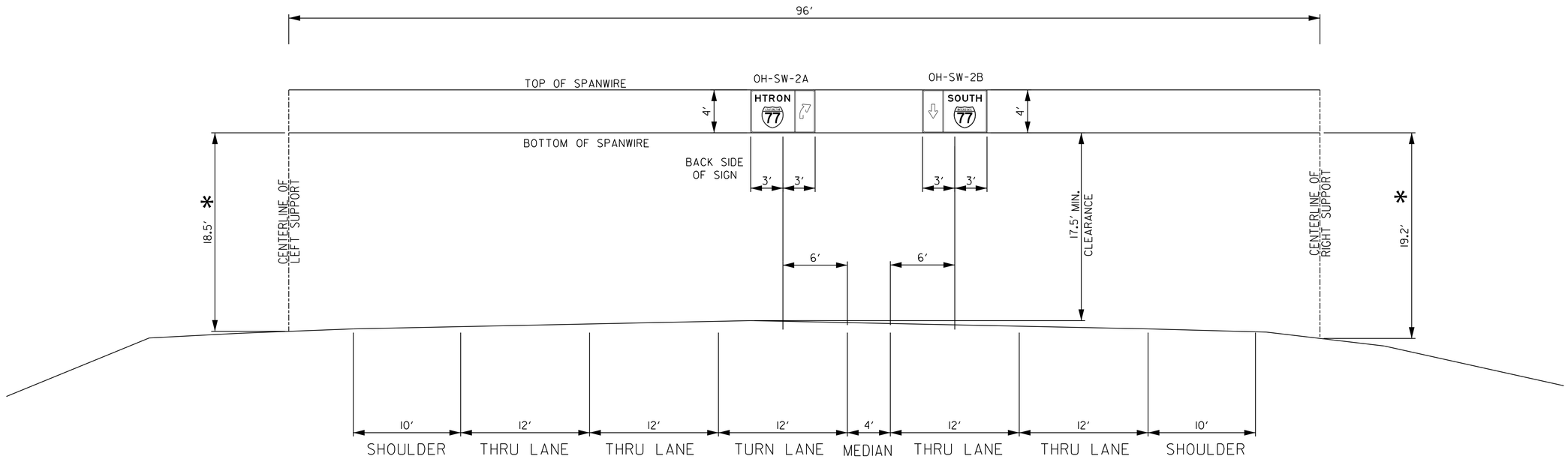
NOTE:
CONTRACTOR SHALL FIELD VERIFY
VERTICAL AND HORIZONTAL DIMENSIONS.

REFERENCE PLAN SHEET SN14

NOTE:

DESIGN WIND SPEED = 90 MPH.

*** HEIGHT INCLUDES 3% MAXIMUM SAG AND BASED ON 17.5′ MINIMUM ROADWAY CLEARANCE.**



SOUTHBOUND

NORTHBOUND

OVERHEAD STRUCTURE NO. OH–SW–2

I–77 & 12th EXTENSTION (EXIT 2)

LEXINGTON CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS

1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. KING 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____

PL-N SC-LE 1" = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD SPANWIRE CROSS SECTION

I-77 DWG. NO. SN7BN

1/10/2020
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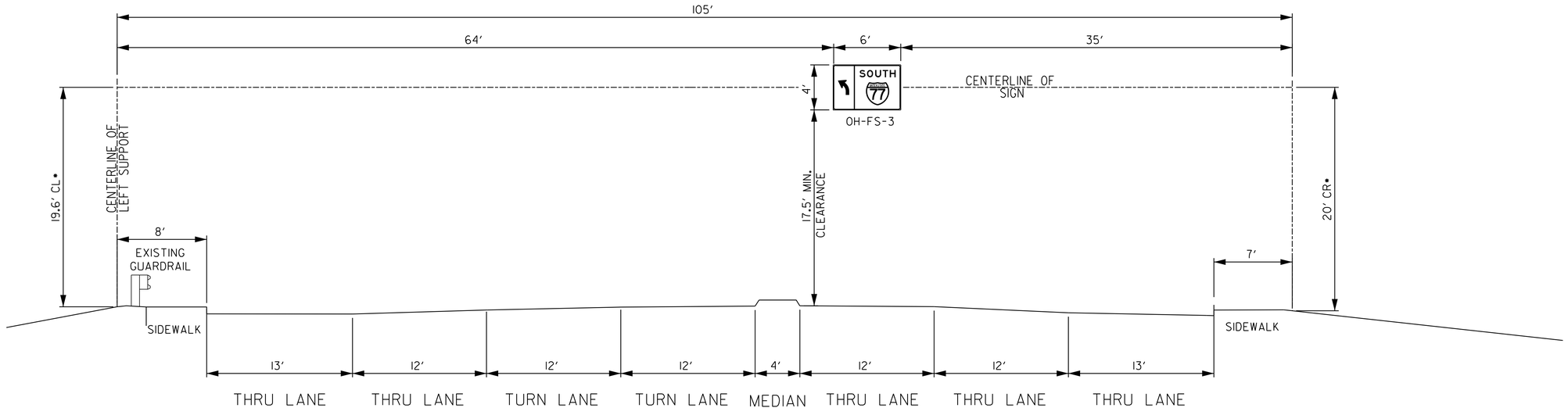
DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN7Bo

REFERENCE PLAN SHEET SN42

NO SHOP DRAWINGS AVAILABLE FOR THIS STRUCTURE.

REMOVE EXISTING SIGNS
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGNS ON
EXISTING OVERHEAD STRUCTURE.



EASTBOUND

WESTBOUND

*HEIGHT INCLUDES 3% MAXIMUM SAG AND BASED ON 17.5′ MINIMUM ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH

OVERHEAD STRUCTURE NO. OH–FS–3

I–77 & STROM THURMOND BLVD (EXIT 12)

STA. NO. 8+40

STROM THURMOND BLVD WESTBOUND

RICHLAND CO. SCALE: 1″ = 5′

HDR ENGINEERING INC.
OF THE CAROLINAS

1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE CAROLINAS — No. C0318 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — DAVID H. KERR — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____

PL-N SC-LE I" = 5′

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD SPANWIRE CROSS SECTION

I-77 DWG. NO. SN7Bo

1/10/2020
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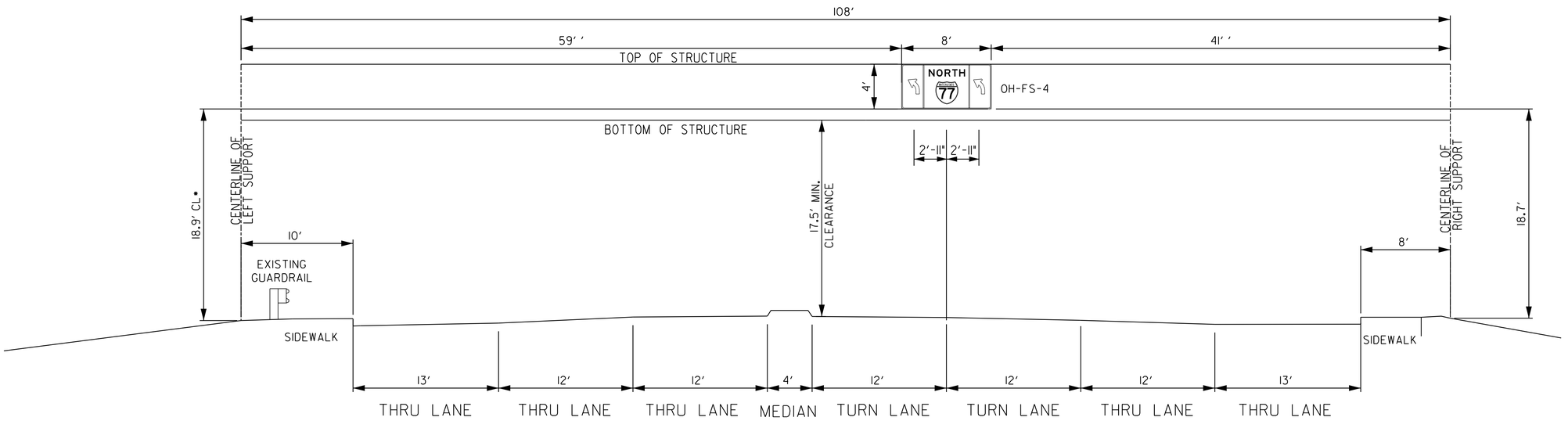
DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7BP

REFERENCE PLAN SHEET SN42

NO SHOP DRAWINGS AVAILABLE FOR THIS STRUCTURE.

REMOVE EXISTING SIGNS
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGNS ON EXISTING OVERHEAD STRUCTURE.



WESTBOUND

EASTBOUND

*HEIGHT INCLUDES 3% MAXIMUM SAG AND BASED ON 17.5' MINIMUM ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH

OVERHEAD STRUCTURE NO. OH–FS–4

I–77 & STROM THURMOND BLVD (EXIT 12)

STA. NO. 5+70

STROM THURMOND EASTBOUND

RICHLAND CO. SCALE: 1" = 5'

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. HEISE
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____ PL-N SC-LE 1" = 5'
R/W _____ D-TE _____

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD SPANWIRE CROSS SECTION

I-77 DWG. NO. SN7BP

1/10/2020
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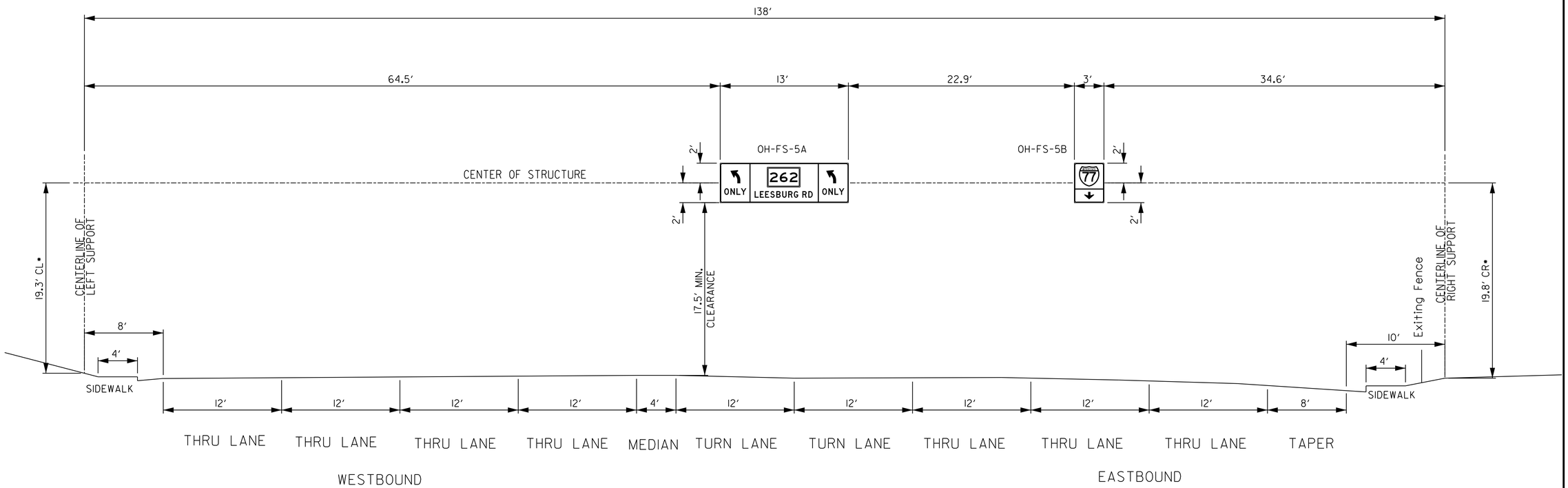
DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN7BO

REFERENCE PLAN SHEET SN31

NO SHOP DRAWINGS AVAILABLE FOR THIS STRUCTURE.

REMOVE EXISTING SIGNS
REFURBISH EXISTING OH STRUCTURE
ERECT NEW OVERHEAD SIGNS ON EXISTING OVERHEAD STRUCTURE.



OVERHEAD STRUCTURE NO. OH–FS–5

I–77 & US 378/76 (EXIT 9)

STA. NO. 155 + 50

US 378/76 EASTBOUND

RICHLAND CO. SCALE: 1" = 5'

*HEIGHT INCLUDES 3% MAXIMUM SAG AND BASED ON 17.5' MINIMUM ROADWAY CLEARANCE.
NOTE: DESIGN WIND SPEED = 90 MPH

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE CAROLINAS No. C0318 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. HEISE
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____ PL-N SC-LE I" = 5'
R/W _____ D-TE _____

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

OVERHEAD SPANWIRE CROSS SECTION

I-77 DWG. NO. SN7BO

1/10/2020
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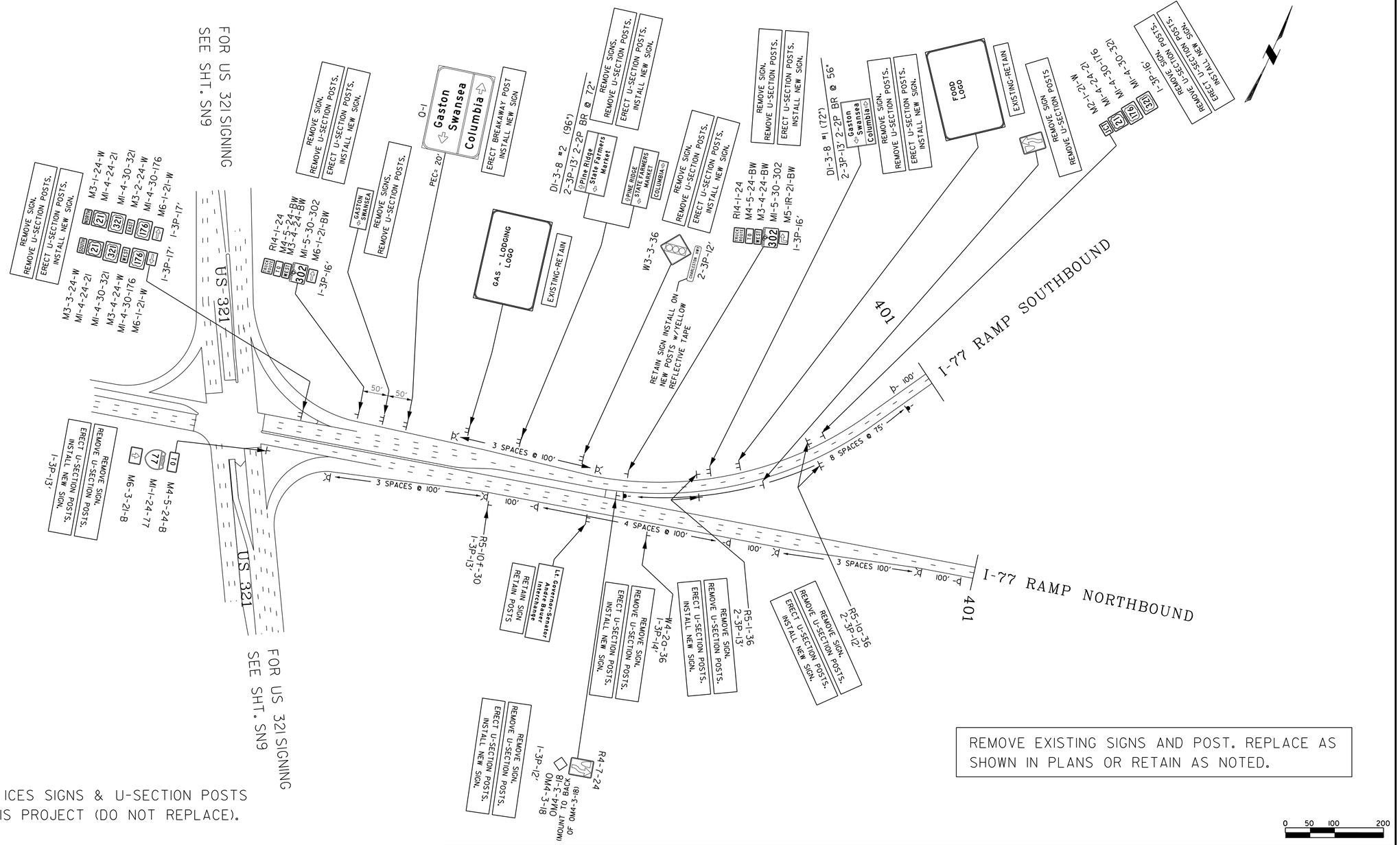
DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN8

I-77 NORTHBOUND RAMP AND I-77 SOUTHBOUND RAMP @ US 321



NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

REMOVE EXISTING SIGNS AND POST. REPLACE AS SHOWN IN PLANS OR RETAIN AS NOTED.

0 50 100 200

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE CAROLINAS No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. WEST 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____
PLAN SCALE 1" = 50'

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION COLUMBIA, S.C.

I-77 RESIGNING

PLAN SHEET

I-77 DWG. NO. SN8

1/10/2020
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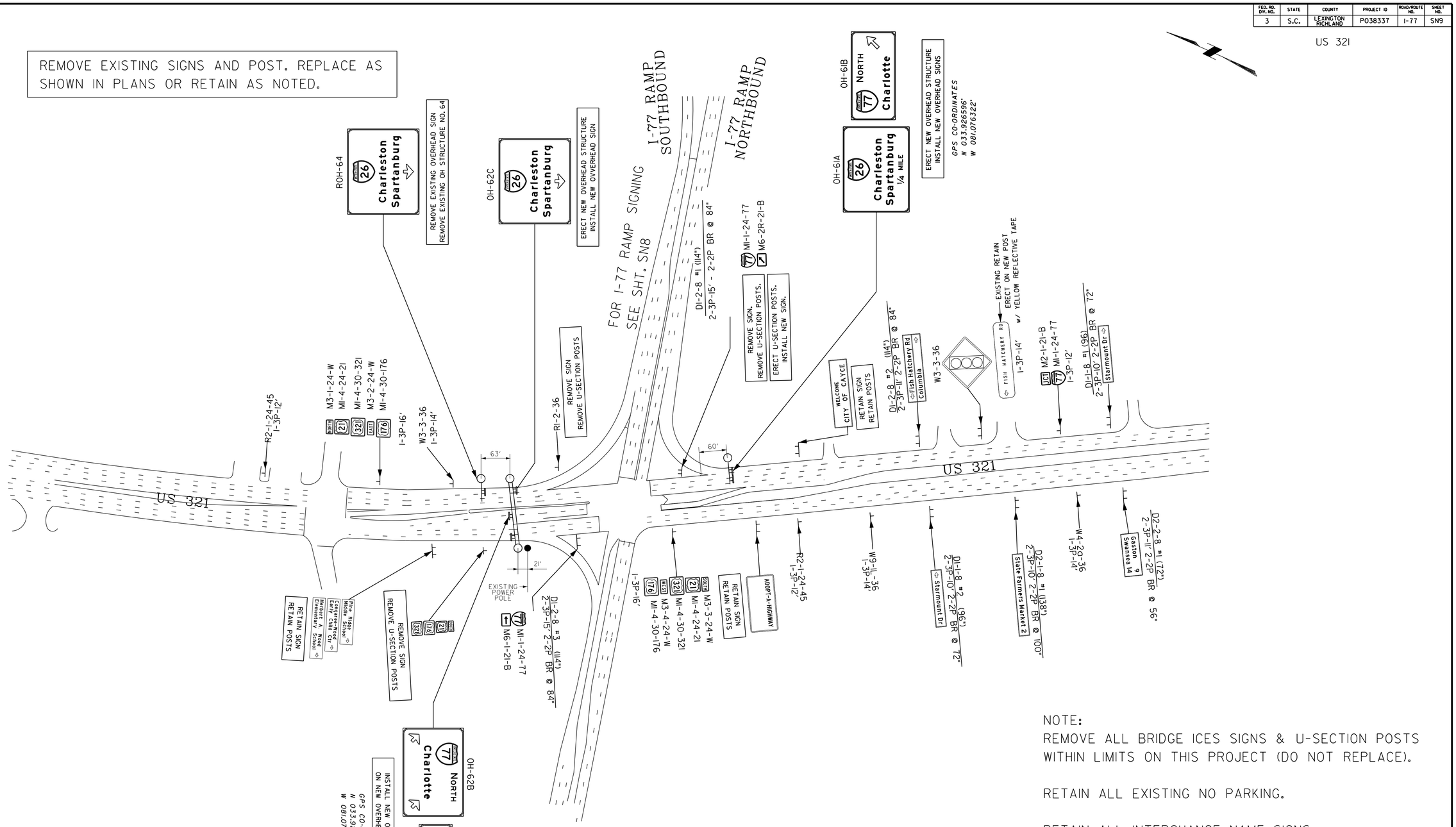
DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN9

REMOVE EXISTING SIGNS AND POST. REPLACE AS SHOWN IN PLANS OR RETAIN AS NOTED.



NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

0 50 100 200

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE CAROLINAS No. C0318 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. [illegible]
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

PLAN SHEET

I-77 DWG. NO. SN9

1/10/2020
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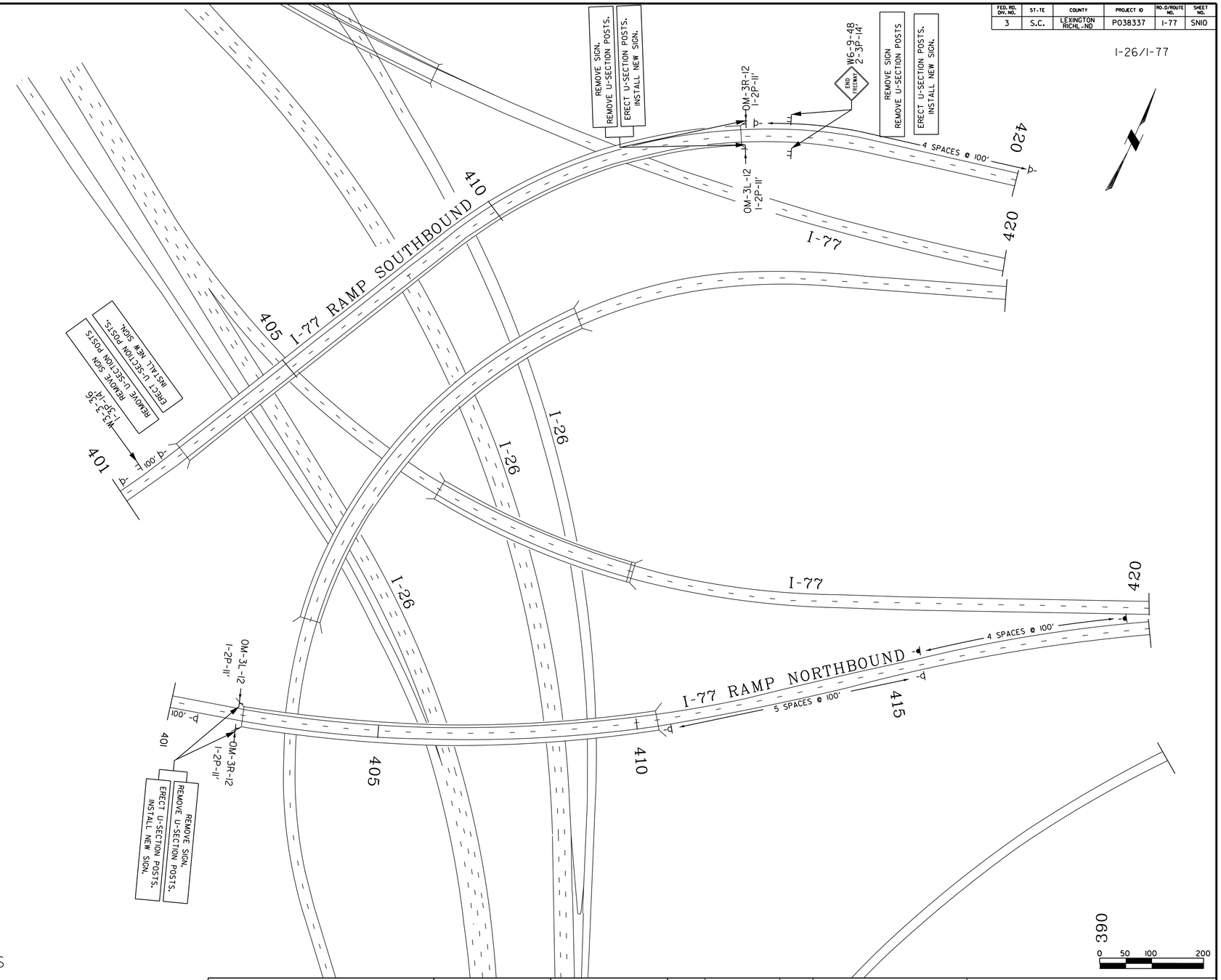
DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. MD	P038337	I-77	SN10

I-26/I-77



NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

1/10/2020
c:\pwworking\east01\d1063239\SN08-15_Exit 2.dgn

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE C-ROLN-S No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. KEELER
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING
PLAN SHEET

I-77 DWG. NO. SN10

DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SNII

I-77

CONST. 212.5 LF MG53 GUARDRAIL
CONST. (1) TRAILING END TREATMENT (TYPE MB)
CONST. (1) LEADING END TREATMENT (TYPE MT3)

420 425 430 435 440 445 450

0-2
Columbia Metro Airport
NEXT RIGHT
ERECT BREAKAWAY POST
INSTALL NEW SIGN
GPS CO-ORDINATES
N 033.929686°
W 081.063429°
PEC= 30'

Columbia Airport
NEXT RIGHT
REMOVE SIGN
REMOVE 2 BREAKAWAY POSTS

LT. GOVERNOR-SENATOR
ANDRE BAUER
INTERCHANGE
RETAIN SIGN
RETAIN POSTS

STA. 436+63
M025-1
GPS CO-ORDINATES
N 033.929862°
W 081.061008°
PEC= 14'
REMOVE SIGN
REMOVE SO TUBING POSTS
ERECT BREAKAWAY POSTS
ON EXISTING STUBS
INSTALL NEW SIGN

OH-2C-1
EXIT 1
21 176 321
Gaston
Swansea

OH-2.1B
to 26
OH-2B
WEST
26
Spartanburg
1/2 MILE
INSTALL NEW OVERHEAD SIGNS.
ON EXISTING OH STRUCTURE.

OH-2.1A
to 85
OH-2A
EAST
26
Charleston
1/2 MILE
GPS CO-ORDINATES
N 033.930008°
W 081.058389°

EXIT 1
21 176 321
Gaston
Swansea

to 20
WEST
26
Spartanburg
1/2 MILE
STA. 444+55.00
REMOVE EXISTING OVERHEAD SIGNS.
REFURBISH EXISTING OH STRUCTURE.

to 95
EAST
26
Charleston
1/2 MILE

D10-1-12-1
STA. 446+69.54
REMOVE SIGN
REMOVE U-SECTION POSTS
ERECT 1-2P-10' POST
INSTALL NEW SIGN
GPS CO-ORDINATES
N 033.930000°
W 081.058611°

R2-4a-48-60
SPEED LIMIT 60 MINIMUM 45
REMOVE SIGN
REFURBISH 2 BREAKAWAY POSTS
INSTALL NEW SIGN

OH-1.1B
to 20
OH-1B
WEST
26
Spartanburg

STA. 424+50
OH-1.1A
to 95
OH-1A
EAST
26
Charleston
REMOVE EXISTING OVERHEAD SIGNS.
REFURBISH EXISTING OH STRUCTURE.

INSTALL NEW OVERHEAD SIGNS.
ON EXISTING OH STRUCTURE.
GPS CO-ORDINATES
N 033.929714°
W 081.064699°

R4-3L-132-1
NOTICE
TRUCK RESTRICTION
1 MILE AHEAD

STA. 425+60
REMOVE SIGN
REFURBISH 2 BREAKAWAY POSTS
INSTALL NEW SIGN
GPS CO-ORDINATES
N 033.929735°
W 081.062897°

R4-30-132-24
NOTICE
TRUCK RESTRICTION
NEXT 24 MILES
STA. 433+50
REMOVE SIGN
REFURBISH 2 BREAKAWAY POSTS
INSTALL NEW SIGN
GPS CO-ORDINATES
N 033.928433°
W 081.060797°

GPS CO-ORDINATES
N 033.929722°
W 081.058611°
D10-1-12-1
STA. 446+69.54
REMOVE SIGN
REMOVE U-SECTION POSTS
ERECT 1-2P-10' POST
INSTALL NEW SIGN

R2-4a-48-65
SPEED LIMIT 65 MINIMUM 45
GPS CO-ORDINATES
N 033.928775°
W 081.057959°

REMOVE SIGN
REFURBISH 2 BREAKAWAY POSTS
INSTALL NEW SIGN
GPS CO-ORDINATES
N 033.928284°
W 081.057571°

STA. 440+11.25
D10-1-12-1
REMOVE SIGN
REMOVE U-SECTION POSTS
ERECT 1-2P-10' POST
INSTALL NEW SIGN
GPS CO-ORDINATES
N 033.926662°
W 081.058740°

I-77

R2-4a-48-60
SPEED LIMIT 60 MINIMUM 45
REMOVE SIGN
REFURBISH 2 BREAKAWAY POSTS
INSTALL NEW SIGN

R4-30-132-24
NOTICE
TRUCK RESTRICTION
NEXT 24 MILES
STA. 433+50
REMOVE SIGN
REFURBISH 2 BREAKAWAY POSTS
INSTALL NEW SIGN
GPS CO-ORDINATES
N 033.928138°
W 081.060801°

RETAIN SIGN
RETAIN POSTS

SCDOT
Pride Logo
THANK YOU FOR VISITING

REMOVE SIGN
REMOVE U-SECTION POSTS
ERECT 1-2P-10' POST
INSTALL NEW SIGN
GPS CO-ORDINATES
N 033.928441°
W 081.058424°

D10-1-12-1
STA. 440+11.25
REMOVE SIGN
REFURBISH 2 BREAKAWAY POSTS
INSTALL NEW SIGN

SPEED LIMIT 65 MINIMUM 45
R2-4a-48-65
GPS CO-ORDINATES
N 033.928624°
W 081.057929°

R4-3L-132-1
NOTICE
TRUCK RESTRICTION
1 MILE AHEAD
STA. 425+60
REMOVE SIGN
REFURBISH 2 BREAKAWAY POSTS
INSTALL NEW SIGN
GPS CO-ORDINATES
N 033.927884°
W 081.063365°

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

0 50 100 200

1/10/2020
c:\pw\working\east01\d1063239\SN08-15_Ext 2.dgn

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE CAROLINAS No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. KEENE
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____
PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

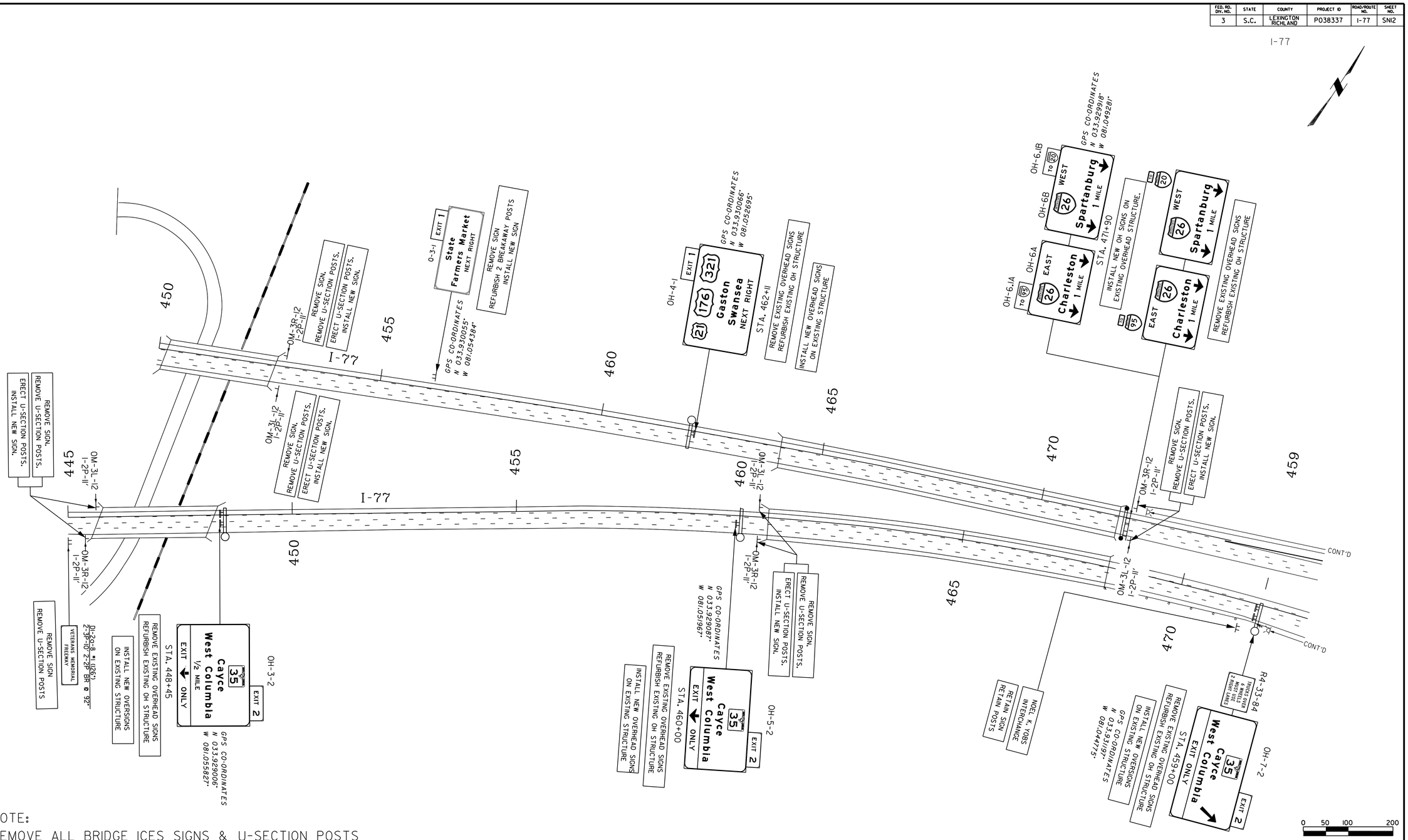
PLAN SHEET

I-77 DWG. NO. SNII

DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN12

I-77



NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA
HDR ENGINEERING INC. OF THE CAROLINAS No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 24492
REGISTERED
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

PLAN SHEET

I-77 DWG. NO. SN12

1/10/2020
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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN13

CONST. 200 LF MG53 GUARDRAIL
CONST. (1) TRAILING END TREATMENT (TYPE MB)
CONST. (1) LEADING END TREATMENT (TYPE MT3)

I-77/SC-35 MAINLINE (EXIT 2) (12TH STREET EXTENTION)

SC 35 (12TH STREET EXTENTION)

I-77

EXIT 1 — I-8-HO — 176 (321) 21 — Gaston Swansea 1 MILE — STA. 485+50

ERECT NEW OVERHEAD SIGN STRUCTURE

ERECT NEW OVERHEAD SIGN STRUCTURE

GPS COORDINATES N 033.928916° W 081.040444°

FOOD - EXIT 1 — RETAIN SIGN — RETAIN POSTS

LODGE - EXIT 1 — GAS — STA. 471+40 — RETAIN SIGN — RETAIN POSTS

REMOVE U-SECTION POSTS.

REMOVE SIGN. REMOVE U-SECTION POSTS. ERECT U-SECTION POSTS. INSTALL NEW SIGN.

REMOVE SIGN. REMOVE U-SECTION POSTS. INSTALL NEW SIGN.

GPS COORDINATES N 033.929449° W 081.041962°

REMOVE U-SECTION POST. ERECT 1-2P-10' POST. INSTALL NEW SIGN.

OM-2-24 1-3P-15'

OM-3L-24 1-3P-15'

OM-3R-24 1-3P-15'

OM-2L-18-7.0 — LEFT ON — ATTACH NEW SIGN TO EXISTING BRIDGE

REMOVE SIGNS ON EXISTING BRIDGE. ERECT 1-2P-10' POST. INSTALL NEW SIGN.

REMOVE SIGN. REMOVE U-SECTION POSTS.

GPS COORDINATES N 033.928889° W 081.041389°

STA. 479+92.85 — DIO-1-12-2

OHB-MI-5-48-35 — SC 35

REMOVE EXISTING SIGNS ON OVERHEAD STRUCTURE. REMOVE EXISTING SIGNS ON OVERHEAD STRUCTURE. INSTALL NEW SIGNS ON OVERHEAD STRUCTURE.

STA. 487+25 — REMOVE SIGN. REMOVE POSTS. ERECT BREAKAWAY POST. ERECT BREAKAWAY SIGN. INSTALL NEW SIGN.

GPS COORDINATES N 033.926966° W 081.039644°

M1025-2

PEC=25'

480 — 485 — 490 — 495

CRASH NOTICE IF NO INJURY MOVE VEHICLES FROM ROADWAY

CRASH NOTICE IF NO INJURY MOVE VEHICLES FROM ROADWAY — R22-3-72

ERECT 2-3P-15 POST. INSTALL NEW SIGN.

LOCATE BEHIND EXISTING GUARDRAIL

REMOVE SIGN. REMOVE U-SECTION POSTS

EXIT 2 — 35 — Cayce West Columbia — STA. 496+00

REMOVE EXISTING SIGNS ON OVERHEAD STRUCTURE. REMOVE EXISTING SIGNS ON OVERHEAD STRUCTURE. INSTALL NEW SIGNS ON OVERHEAD STRUCTURE.

OHB-2-80-HO

GPS COORDINATES N 033.959669° W 081.057333°

EXIT 26 — Spartanburg 1 1/2 MILE — Charleston 1 1/2 MILE

OHB-4-9-A

R4-32-90 — HOV 2+ PREFERENTIAL LANES

REMOVE SIGN. REMOVE SO TUBING POSTS. ERECT BREAKAWAY POSTS ON EXISTING STUBS. INSTALL NEW SIGN.

STA. 464+80.00

EXIT 2 — M1025-2

GPS COORDINATES N 033.929246° W 081.046231°

OHB-MI-5-48-35 — SC 35 — W12-2P-78-17.0 — 17 FT 0 IN

REMOVE EXISTING SIGN ATTACH NEW SIGN TO EXISTING BRIDGE OVERHEAD SIGNS ON EXISTING BRIDGE AT CORRECT LOCATION.

PEC=20'

R22-4-108 — MOVE OVER OR REDUCE SPEED FOR STOPPED EMERGENCY VEHICLES

STA. 473+50 — ERECT BREAKAWAY POST. INSTALL NEW SIGN

GPS COORDINATES N 033.931426° W 081.043804°

0 50 100 200

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE CAROLINAS No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER — No. 24492 — DAVID H. [illegible] — 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

PLAN SHEET

I-77 — DWG. NO. SN13

1/10/2020
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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN14

I-77/SC-35 MAINLINE (EXIT 2) (12TH STREET EXTENTION)

REMOVE EXISTING SIGNS AND POST. REPLACE AS SHOWN IN PLANS OR RETAIN AS NOTED.

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

ERECT NEW OVERHEAD STRUCTURE
INSTALL NEW OVERHEAD SIGNS

0 50 100 200

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. KEENE 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____
PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING
PLAN SHEET

I-77 DWG. NO. SN14

1/10/2020
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DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL.,ND	P038337	I-77	SNI5

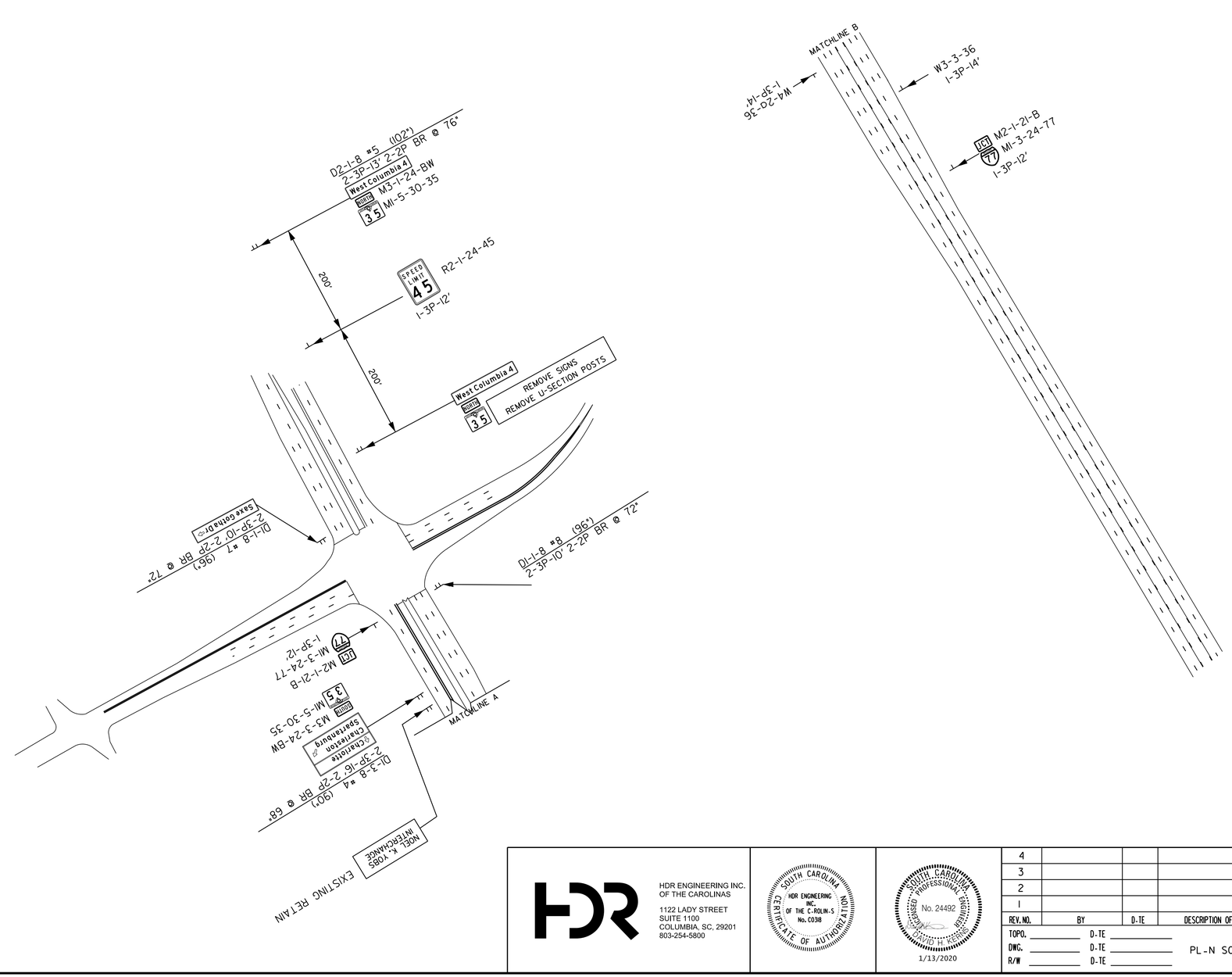
I-77/SC-35 MAINLINE (EXIT 2)
(I2TH STREET EXTENTION)

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

REMOVE EXISTING SIGNS AND POST. REPLACE AS SHOWN IN PLANS OR RETAIN AS NOTED.



0 50 100 200

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA
HDR ENGINEERING INC.
OF THE C.ROLIN-S
No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 24492
DAVID H. HUGHES
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE I" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

PLAN SHEET

I-77 DWG. NO. SNI5

1/10/2020
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DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICH, AND	P038337	I-77	SN16

I-77

492 495 500 505 510 515 520 525 530 535 540 545 550

NOEL K. YOBS INTERCHANGE

RETAIN SIGN
RETAIN POSTS

REMOVE SIGN.
REMOVE U-SECTION POSTS.

DIO-I-I2-2

OM-3L-I2
I-2P-II'

OM-3R-I2
I-2P-II'

CONT'D

CONT'D

ERECT U-SECTION POSTS.
INSTALL NEW SIGN.

REMOVE SIGN.
REMOVE U-SECTION POSTS.

OM-3L-I2
I-2P-I'

OM-3R-I2
I-2P-III'

REMOVE SIGN.
REMOVE U-SECTION POSTS.

ERECT U-SECTION POSTS.
INSTALL NEW SIGN.

I-3P-I2'

M3-I-30-B
MM-I-36-77

ERECT U-SECTION POSTS.
INSTALL NEW SIGN.

REMOVE SIGN.
REMOVE U-SECTION POSTS.

OM-3L-I2
I-2P-II'

OM-3R-I2
I-2P-II'

REMOVE SIGN.
REMOVE U-SECTION POSTS.

ERECT U-SECTION POSTS.
INSTALL NEW SIGN.

REMOVE SIGN.
REMOVE U-SECTION POSTS.

ERECT U-SECTION POSTS.
INSTALL NEW SIGN.

OM-3R-I2
I-2P-II'

DIO-I-I2-3
I-2P-I0'

ERECT U-SECTION POSTS.
INSTALL NEW SIGN.

GPS CO-ORDINATES
N 033.928889°
W 081.024444°

STA. 532+72.85

REMOVE SIGN
REFURBISH 2 BREAKAWAY POSTS
INSTALL NEW SIGN

STA. 537+50

R4-33-84
TRUCKS OVER 3 AXLES MUST USE 2 RIGHT LANES

OH-II-2

EXIT 2

35
Cayce
West Columbia
1 MILE

STA. 541+00

GPS CO-ORDINATES
N 033.930581°
W 081.022019°

REMOVE EXISTING OVERHEAD SIGNS
REFURBISH EXISTING OH STRUCTURE

INSTALL NEW OVERHEAD SIGNS
ON EXISTING STRUCTURE

DIO-I-I2-3
I-2P-I0'

REMOVE SIGN
REMOVE U-SECTION POSTS

DI-2g-8 #2 (I26")
2-3P-II' 2-2P BR @ 92"

VETERANS MEMORIAL FREEWAY

REMOVE SIGN
REMOVE U-SECTION POSTS

ERECT U-SECTION POSTS
INSTALL NEW SIGN

OM-3L-I2
I-2P-II'

OM-3R-I2
I-2P-II'

Congaree River
Richland County
A.I.DX. SAUNDERS BRIDGE
O-4.1

O-4

GPS CO-ORDINATES
N 033.931160°
W 081.019445°

ERECT U-SECTION POSTS.
INSTALL NEW SIGN.

REMOVE SIGN.
REMOVE U-SECTION POSTS.

DIO-I-I2-3
I-2P-I0'

REMOVE SIGN
REMOVE U-SECTION POSTS

REFURBISH BREAKAWAY 2 POSTS
INSTALL NEW SIGN

REMOVE SIGN
REFURBISH 2 BREAKAWAY POSTS
INSTALL NEW SIGN

SPEED LIMIT
65
MINIMUM
45

STA. 531+00
R2-4G-48-65

GPS CO-ORDINATES
N 033.928777°
W 081.024648°

REMOVE SIGN
REFURBISH 2 BREAKAWAY POSTS
INSTALL NEW SIGN

STA. 531+35

R4-33-84
TRUCKS OVER 3 AXLES MUST USE 2 RIGHT LANES

GPS CO-ORDINATES
N 033.928072°
W 081.022489°

0 50 100 200

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

HDR ENGINEERING INC.
OF THE CAROLINAS

1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
HDR ENGINEERING INC. OF THE CAROLINAS No. C038

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 24492
DAVID H. HOLLIS
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

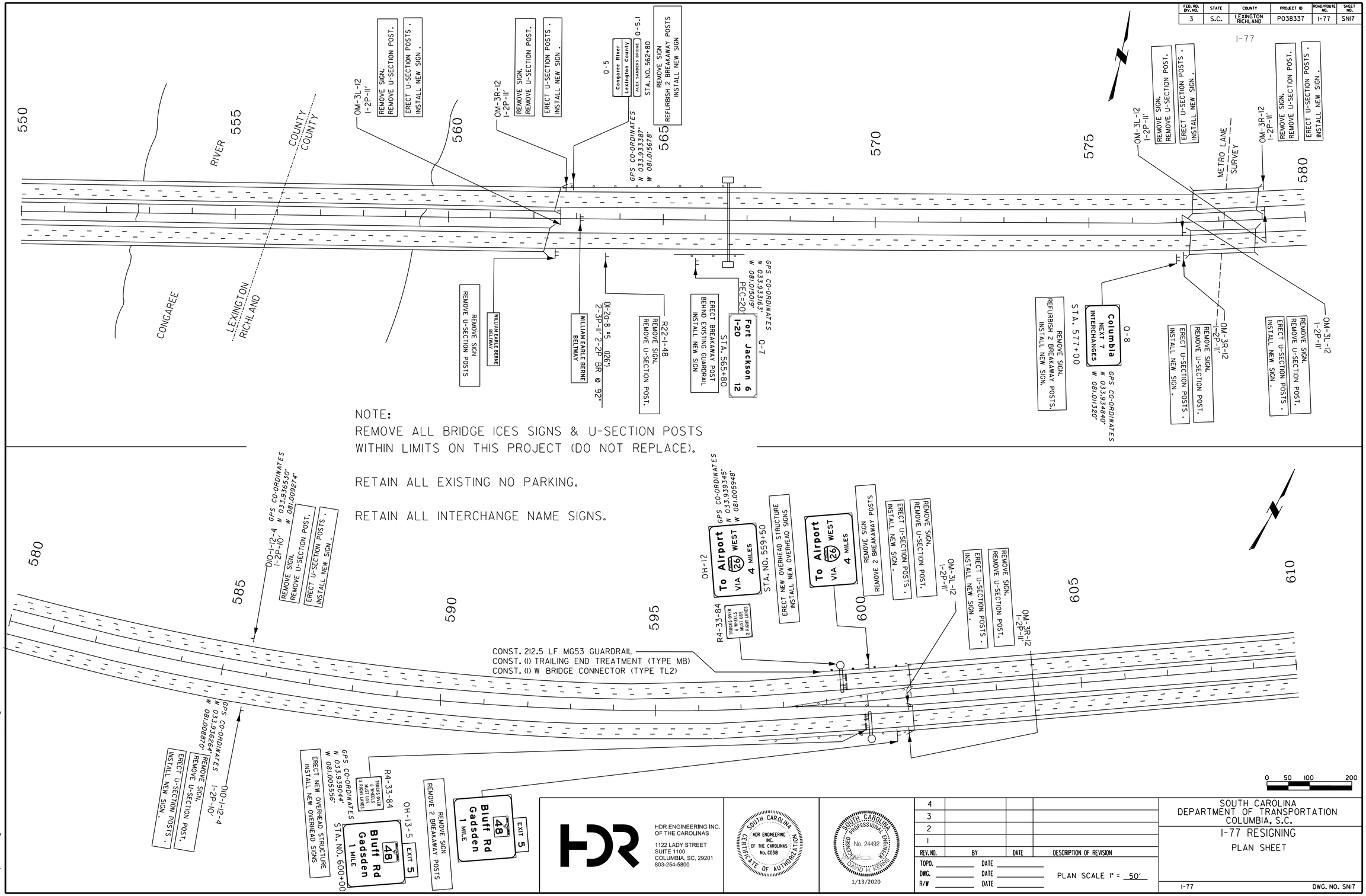
I-77 RESIGNING
PLAN SHEET

I-77 DWG. NO. SN16

1/10/2020
c:\pwworking\east01\d1063239\SN16-2L_Exit 5.dgn

DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN17



HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA
HDR ENGINEERING INC. OF THE CAROLINAS No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 24492
DAVID H. KERR
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

PLAN SHEET

I-77 DWG. NO. SN17

1/10/2020
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DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICH, AND	P038337	I-77	SN18

I-77

610

OM-3L-12
I-2P-11'
REMOVE SIGN.
REMOVE U-SECTION POST.

ERECT U-SECTION POSTS.
INSTALL NEW SIGN.

OM-3R-12
I-2P-11'
REMOVE SIGN.
REMOVE U-SECTION POST.

ERECT U-SECTION POSTS.
INSTALL NEW SIGN.

615

O-9
I-26 4
Charleston 109
STA. NO. 614+20

REMOVE SIGN.
REFURBISH 2 BREAKAWAY POSTS
INSTALL NEW SIGN

GPS CO-ORDINATES
N 033.942445°
W 081.003047°

TRUCKS OVER 6 WHEELS MUST USE 2 RIGHT LANES

620

REMOVE SIGN
REMOVE 2 BREAKAWAY POSTS

SPEED LIMIT 65 MINIMUM 45

R2-4a-48-65
GPS CO-ORDINATES
N 033.943907°
W 081.001709°
STA. NO. 621+00

REMOVE SIGN
REFURBISH 2 BREAKAWAY POSTS
INSTALL NEW SIGN

625

630

SOUTH 77

M3-3-30-B
MI-I-36-77

I-3P-16'
REMOVE SIGN.
REMOVE U-SECTION POST.

ERECT U-SECTION POSTS.
INSTALL NEW SIGN.

635

GPS CO-ORDINATES
N 033.947500°
W 080.998134°

DIO-I-12-5
I-2P-10'
STA. NO. 638+32.8

REMOVE SIGN
RETAIN EXISTING BRIDGE MOUNT
INSTALL NEW SIGN

640

20'

DIO-I-12-5
I-2P-10'
STA. NO. 638+32.8

REMOVE SIGN
RETAIN EXISTING BRIDGE MOUNT
INSTALL NEW SIGN

OM-3L-12
REMOVE SIGN.
REMOVE U-SECTION POST.

ERECT U-SECTION POSTS.
INSTALL NEW SIGN.
I-2P-11'

OM-3R-12
REMOVE SIGN.
REMOVE U-SECTION POST.

ERECT U-SECTION POSTS.
INSTALL NEW SIGN.
I-2P-11'

ISADORE E LOURIE INTERCHANGE

REMOVE SIGN AND POSTS.
RETAIN AND RELOCATE SIGN

REMOVE SIGN
REMOVE 2 BREAKAWAY POSTS

SC MILITARY MUSEUM
NEXT RIGHT
EXIT 5

Congaree National Park
NEXT RIGHT
EXIT 5

O-11-5
EXIT 5
Congaree National Park
SC Military Museum
NEXT RIGHT
STA. NO. 635+10

PEC-16'
GPS CO-ORDINATES
N 033.946696°
W 081.998458°

ERECT BREAKAWAY POST
INSTALL NEW SIGN

O-10-5
EXIT 5
Williams Brice Stadium
State Fairgrounds
Colonial Life Arena
NEXT RIGHT
STA. NO. 627+20

PEC-30'

ERECT BREAKAWAY POST
INSTALL NEW SIGN

GPS CO-ORDINATES
N 033.944879°
W 081.000041°

20'

COLONIAL LIFE ARENA

Williams Brice Stadium
State Fairgrounds
NEXT RIGHT
EXIT 5

REMOVE SIGN
REMOVE 2 BREAKAWAY POSTS

SPEED LIMIT 60 MINIMUM 45

R2-4a-48-60
GPS CO-ORDINATES
N 033.943547°
W 081.001028°
STA. NO. 621+00

REMOVE SIGN
REFURBISH 2 BREAKAWAY POSTS
INSTALL NEW SIGN

SPEED LIMIT 60 MINIMUM 45

R2-4a-48-60
GPS CO-ORDINATES
N 033.943675°
W 081.001470°
STA. NO. 621+00

REMOVE SIGN
REFURBISH 2 BREAKAWAY POSTS
INSTALL NEW SIGN

EXISTING-RETAIN

STA. 644+50
EXIT 5
GAS - FOOD
LOGO

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

640

OM-3L-12
I-2P-11'
REMOVE SIGN.
REMOVE U-SECTION POST.

ERECT U-SECTION POSTS.
INSTALL NEW SIGN.

OM-3R-12
I-2P-11'
REMOVE SIGN.
REMOVE U-SECTION POST.

ERECT U-SECTION POSTS.
INSTALL NEW SIGN.

645

650

9 SPACES @ 100'

10 SPACES @ 100'

CONST. 212.5 LF MG53 GUARDRAIL
CONST. (1) TRAILING END TREATMENT (TYPE MB)
CONST. (1) LEADING END TREATMENT (TYPE MT3)

CONT'D

EXISTING-RETAIN

ISADORE E LOURIE INTERCHANGE

REMOVE SIGN
REMOVE 2 BREAKAWAY POSTS
STA. NO. 643+25

Bluff Rd
Gadsden
48
EXIT 5

INSTALL ON OVERHEAD VERTICAL SUPPORT

W13-2-48-40
EXIT 40

GPS CO-ORDINATES
N 033.943356°
W 081.994896°

ERECT NEW OVERHEAD STRUCTURE
INSTALL NEW OVERHEAD SIGNS

Bluff Rd
Gadsden
48
EXIT 5
STA. 650+00

OH-14-5

0 50 100 200

HDR ENGINEERING INC.
OF THE CAROLINAS

1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA
HDR ENGINEERING INC. OF THE CAROLINAS
No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 24492
DAVID H. HOUSE
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

PLAN SHEET

I-77 DWG. NO. SN18

1/10/2020
c:\pwworking\east01\d1063239\SN18-2L Exit 5.dgn

DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN19

S.C. 48 (BLUFF RD.) (EXIT 5)
MAIN LINE SIGNS ONLY

BELTLINE BLVD

EXIT 5 — Bluff Rd — 8A — EXIT ONLY

INSTALL NO. 6B0-4.5D OVERHEAD SIGNS ON EXISTING STRUCTURE
REMOVE EXISTING OVERHEAD SIGNS ON EXISTING STRUCTURE
REFURBISH EXISTING OVERHEAD SIGNS ON EXISTING STRUCTURE

GPS COORDINATES N 033.95505° W 080.99528°

OH-16-5 — EXIT 5

M1025-5 — EXIT 5 — GPS CO-ORDINATES N 033.95195° W 080.98749°
REMOVE SIGN
REMOVE BREAKAWAY POST
ERECT BREAKAWAY POST
INSTALL NEW SIGN

OM-2S-12 — 2-3P-14
REMOVE SIGN
REMOVE U-SECTION POSTS.
ERECT U-SECTION POST.
INSTALL NEW SIGN.

OM-3R-12 — 1-2P-11
REMOVE SIGN
REMOVE U-SECTION POSTS.
ERECT U-SECTION POST.
INSTALL NEW SIGN.

OM-3L-12 — 1-2P-11
REMOVE SIGN.
REMOVE U-SECTION POST.
ERECT U-SECTION POSTS.
INSTALL NEW SIGN.

OM-3R-12 — 1-2P-11
REMOVE SIGN.
REMOVE U-SECTION POSTS.
ERECT U-SECTION POST.
INSTALL NEW SIGN.

OM-3L-12 — 1-2P-11
REMOVE SIGN
REMOVE U-SECTION POST.
ERECT U-SECTION POSTS.
INSTALL NEW SIGN.

OM-3R-12 — 1-2P-11
REMOVE SIGN.
REMOVE U-SECTION POSTS.
ERECT U-SECTION POST.
INSTALL NEW SIGN.

OM-3L-12 — 1-2P-11
REMOVE SIGN
REMOVE U-SECTION POST.
ERECT U-SECTION POSTS.
INSTALL NEW SIGN.

OM-3R-12 — 1-2P-11
REMOVE SIGN.
REMOVE U-SECTION POSTS.
ERECT U-SECTION POST.
INSTALL NEW SIGN.

OM-3L-12 — 1-2P-11
REMOVE SIGN
REMOVE U-SECTION POSTS.
ERECT U-SECTION POST.
INSTALL NEW SIGN.

OM-3R-12 — 1-2P-11
REMOVE SIGN.
REMOVE U-SECTION POSTS.
ERECT U-SECTION POST.
INSTALL NEW SIGN.

OM-3L-12 — 1-2P-11
REMOVE SIGN
REMOVE U-SECTION POSTS.
ERECT U-SECTION POST.
INSTALL NEW SIGN.

EXISTING RET. LAMP — REMOVE & DISPOSE METER & BASE

REMOVE SIGN
REMOVE 2 BREAKAWAY POSTS
INSTALL NEW SIGN

REFURBISH 2 BREAKAWAY POSTS
REMOVE SIGN
INSTALL NEW SIGN

W13-1-24-50 — 5.0 MPH
REMOVE SIGN
REMOVE U-SECTION POSTS
ERECT 2-3P-16' POST
INSTALL NEW SIGN

W1-3R-48

W13-1-24-50 — 5.0 MPH
REMOVE SIGN
REMOVE U-SECTION POSTS
ERECT 2-3P-16' POST
INSTALL NEW SIGN

W1-4R-48

W13-2-48-40
REMOVE SIGN.
REMOVE U-SECTION POST.

R4-33-84 — TRUCK OVER 6 WHEELS WITH SIDE LIGHT LIGHTS

OH-15-6A-B — EXITS 6A-B — 768 — Shop Rd — 1 MILE

STA. NO. 660+20
ERECT NEW OVERHEAD STRUCTURE
INSTALL NEW OVERHEAD SIGNS
GPS CO-ORDINATES N 033.95077° W 081.99980°

STA. NO. 653+25
REMOVE SIGN
REMOVE SIGN TUBING POSTS
ERECT BREAKAWAY POSTS ON EXISTING STUB
INSTALL NEW SIGN

M1025-5 — EXIT 5 — GPS CO-ORDINATES N 033.94987° W 081.99403°

CONST. 212.5 LF MG53 GUARDRAIL
CONST. (1) TRAILING END TREATMENT (TYPE MB)
CONST. (1) LEADING END TREATMENT (TYPE MT3)

EXITS 6A-B — 768 — Shop Rd — 1 MILE

REMOVE SIGN
REMOVE 2 BREAKAWAY POSTS

Columbia CITY LIMIT 0-30

CREEK

GILLS CREEK

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

0 50 100 200

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA PROFESSIONAL ENGINEER — No. 24492 — DAVID H. HEIL — 1/13/2020

HDR ENGINEERING INC. OF THE CAROLINAS No. C038 — CERTIFICATE OF AUTHORIZATION

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____
PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.
I-77 RESIGNING
PLAN SHEET

I-77 — DWG. NO. SN19

1/10/2020
c:\pwworking\east01\d1063239\SN16-21Exit 5.dgn

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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN20

S.C. 48 (BLUFF RD.) (EXIT 5)
CROSSING ROUTE SIGNS ONLY

REMOVE EXISTING SIGNS AND POST. REPLACE AS SHOWN IN PLANS OR RETAIN AS NOTED.

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

0 50 100 200

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA CERTIFICATE OF AUTHORITY — HDR ENGINEERING INC. OF THE CAROLINAS No. C0318

SOUTH CAROLINA PROFESSIONAL ENGINEER — No. 24492 — 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING
PLAN SHEET

I-77 DWG. NO. SN20

1/10/2020
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FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. ND	P038337	I-77	SN21

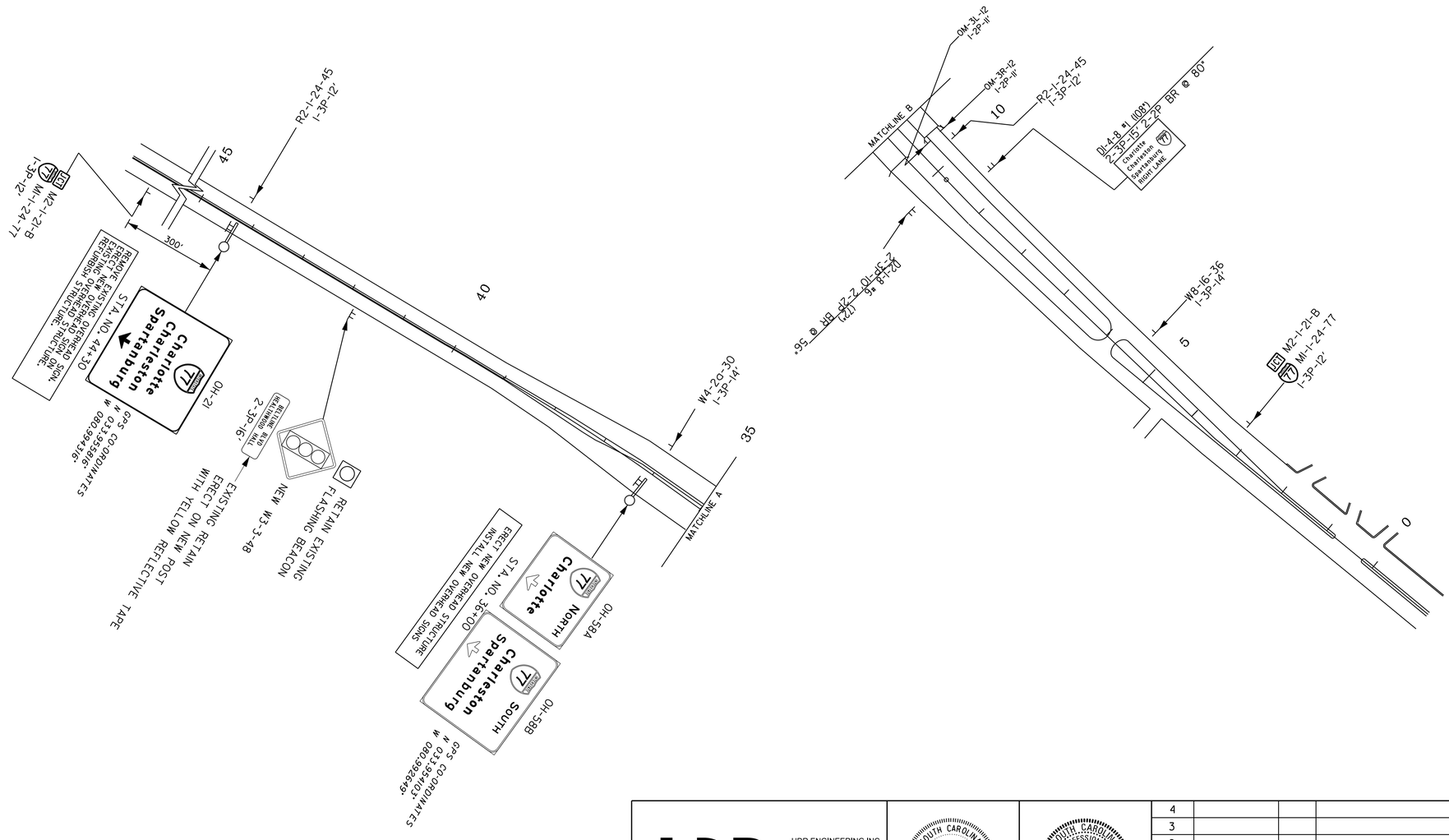
NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

REMOVE EXISTING SIGNS AND POST. REPLACE AS SHOWN IN PLANS OR RETAIN AS NOTED.

S.C. 48 (BLUFF RD.)
(EXIT 5)
MATCHLINES



0 50 100 200

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. KEENE
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE I" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

PLAN SHEET

I-77 DWG. NO. SN21

1/10/2020
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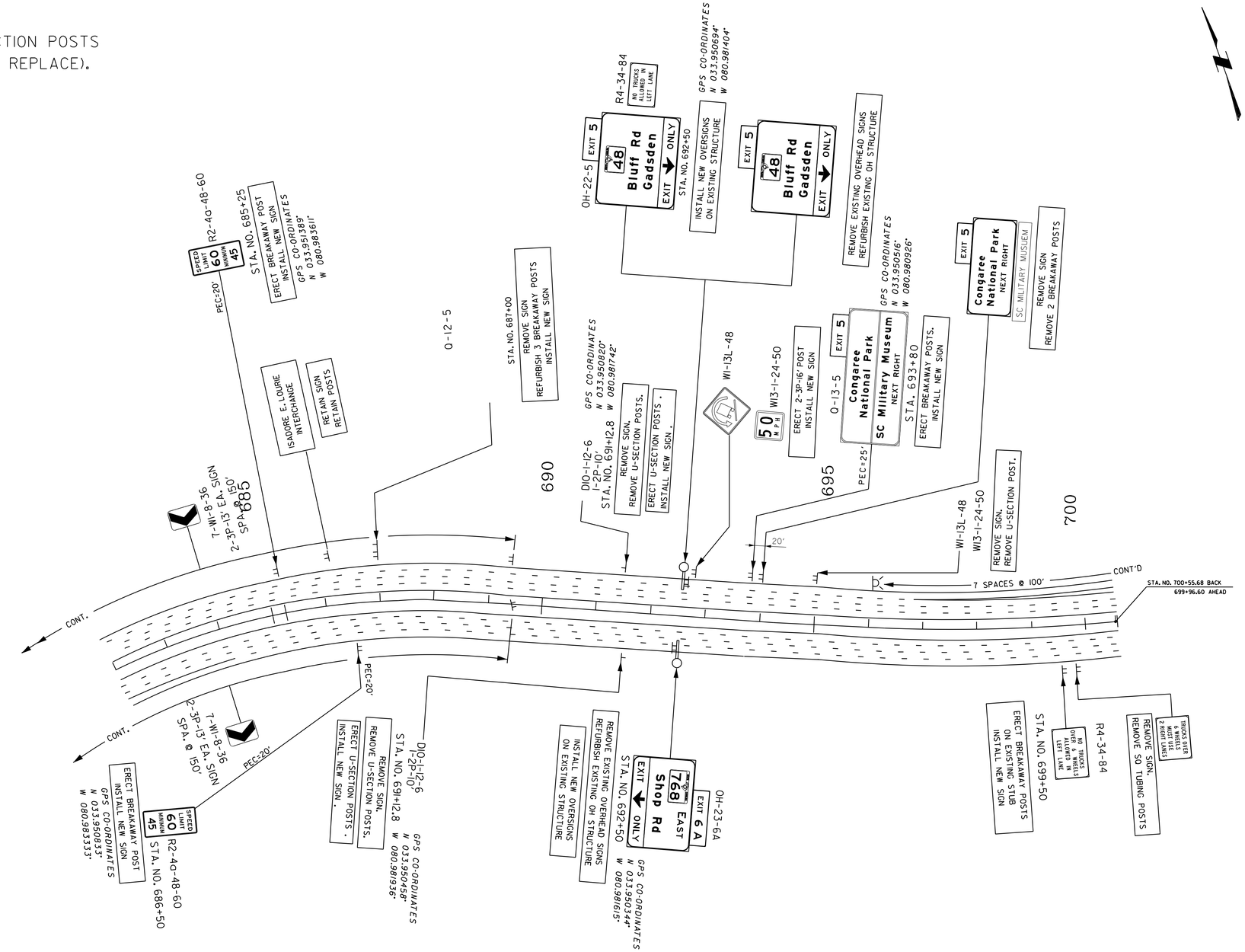
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN22

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.



HDR ENGINEERING INC.
OF THE CAROLINAS

1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE CAROLINAS No. C0318 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. HEDRICK 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

PLAN SHEET

I-77 DWG. NO. SN22

1/10/2020
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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN23

SC 768 (SHOP ROAD)
(EXIT 6)
MAINLINE SIGNS ONLY

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

SHOP RD.

MATCH LINE B

STA. NO. 700+55.68 BACK
699+96.60 AHEAD

CONT'D

EXISTING RETAIN

LEXINGTON MARTY MARTIN INTERCHANGE

W13-2-48-40
ERECT NEW SIGN ON EXISTING OVERHEAD UPRIGHT.

768 Shop Rd WEST
1/4 MILE
EXIT 6 B

OH-24A-6B

768 Shop Rd EAST
EXIT ONLY
EXIT 6 A

OH-24B-6A

STA. NO. 707+00
REMOVE EXISTING OVERHEAD SIGNS
REFURBISH EXISTING OH STRUCTURE
INSTALL NEW OVERHEAD SIGNS ON EXISTING STRUCTURE
GPS CO-ORDINATES
N 033.949239'
W 080.976761'

EXIT 6A

M1025-6A
GPS CO-ORDINATES
N 033.949338'
W 080.975663'

STA. NO. 710+00
REMOVE SIGN
REMOVE SO TUBING POSTS
ERECT BREAKAWAY POST
INSTALL NEW SIGN

OHB-NI-5-78-768
SC 768
W12-2P-78-17.9
17FT 9IN
REMOVE EXISTING SIGN. ATTACH NEW OVERHEAD SIGNS ON EXISTING BRIDGE AT CORRECT LOCATION.

W13-2-48-25
REMOVE SIGN.
REMOVE U-SECTION POST.
ERECT NEW SIGN ON EXISTING OVERHEAD UPRIGHT

EXISTING RETAIN

STA. NO. 730+00
REMOVE SIGNS FROM BRIDGE
DO NOT REPLACE

Charlotte
Shop Rd - West

OHB-NI-5-78-768
SC 768
W12-2P-78-17.9
17FT 9IN
REMOVE EXISTING SIGNS ON EXISTING BRIDGE AT CORRECT LOCATION.

EXISTING RETAIN

EXISTING NO PARKING SPEED LIMIT 45 MPH

EXISTING RETAIN

EXISTING RETAIN

EXISTING RETAIN

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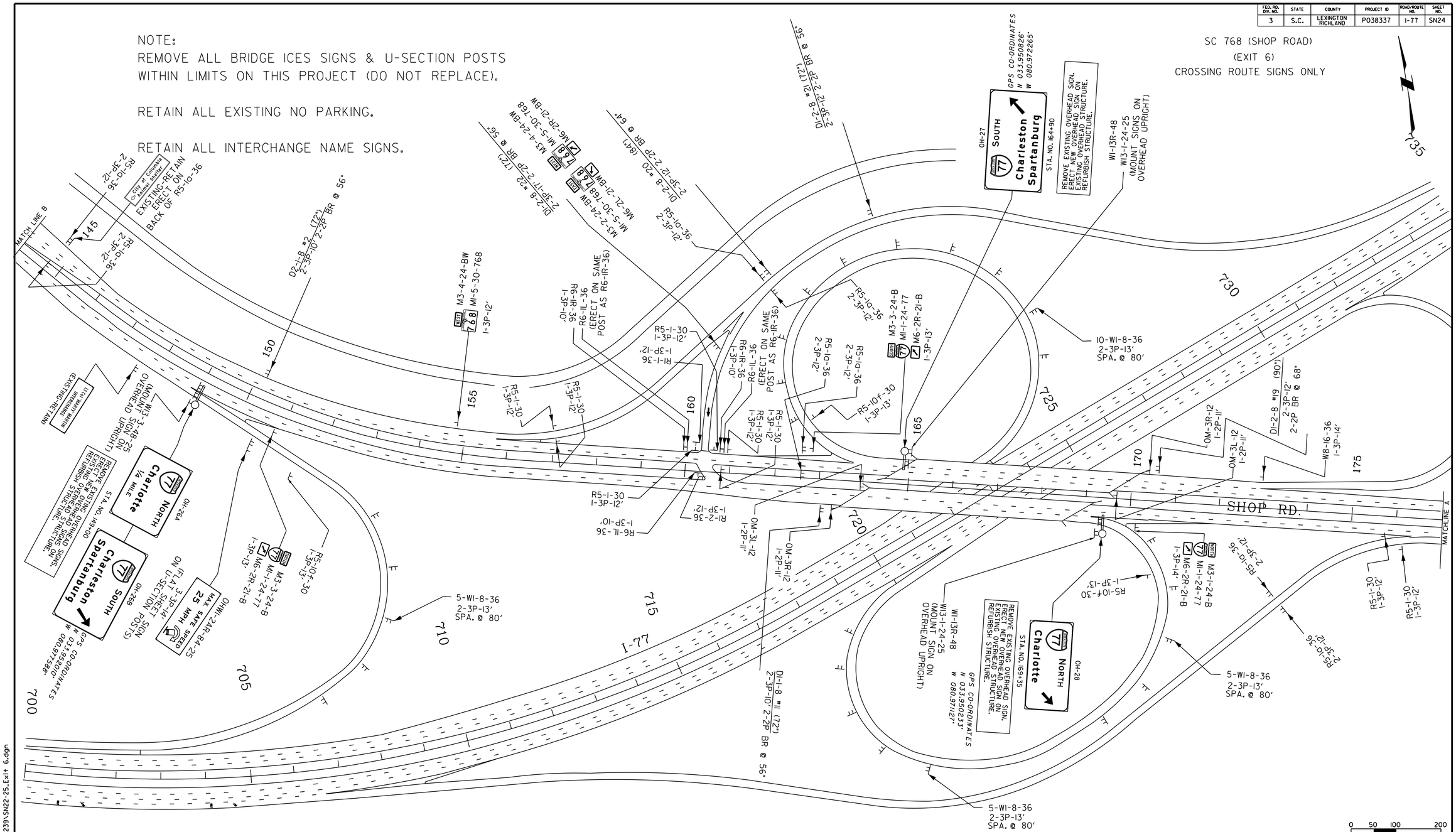
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN24

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

SC 768 (SHOP ROAD)
(EXIT 6)
CROSSING ROUTE SIGNS ONLY


MATCH LINE B
R5-10-36 2-3P-12
City of Columbia Animal Shelter
EXISTING-RETAIN ERECT ON BACK OF R5-10-36
D2-1-R #2 (72") 2-3P-10" 2-2P BR @ 56°
D1-2-8 #22 (12") 2-3P-17' 2-2P BR @ 56°
M3-2-24-BW M1-5-30-768 M6-2R-21-BW
D1-2-8 #20 (18") 2-3P-12' 2-2P BR @ 64°
R5-10-36 2-3P-12'
D1-2-8 #12 (12") 2-3P-12' 2-2P BR @ 59°
GPS CO-ORDINATES N 033.950826° W 080.972265°
OH-27
SOUTH
77
Charleston
Spartanburg
STA. NO. 164+90
REMOVE EXISTING OVERHEAD SIGN. ERECT NEW OVERHEAD SIGN ON EXISTING OVERHEAD STRUCTURE. REFURBISH STRUCTURE.
WI-13R-48
WI3-1-24-25 (MOUNT SIGNS ON OVERHEAD UPRIGHT)
M3-4-24-BW MI-5-30-768 I-3P-12'
R6-IR-36 R6-IL-36 (ERECT ON SAME POST AS R6-IR-36) I-3P-10'
R1-1-36 I-3P-12'
R5-1-30 I-3P-12'
R5-10-36 2-3P-12'
M3-3-24-B MI-1-24-77 M6-2R-21-B I-3P-13'
R5-10F-30 I-3P-13'
10-WI-8-36 2-3P-13' SPA. @ 80'
DI-2-8 #19 (90°) 2-3P-12' 2-2P BR @ 68°
OM-3R-12 I-2P-11'
OM-3L-12 I-2P-11'
W8-16-36 I-3P-14'
M3-1-24-B MI-1-24-77 M6-2R-21-B I-3P-14'
R5-10-36 2-3P-12'
R5-1-30 I-3P-12'
MATCHLINE A
SHOP RD.
I-77
NORTH
Charlotte
OH-28
REMOVE EXISTING OVERHEAD SIGN. ERECT NEW OVERHEAD SIGN ON EXISTING OVERHEAD STRUCTURE. REFURBISH STRUCTURE.
STA. NO. 169+35
GPS CO-ORDINATES N 033.950233° W 080.971127°
WI-13R-48
WI3-1-24-25 (MOUNT SIGN ON OVERHEAD UPRIGHT)
R5-10F-30 I-3P-13'
5-WI-8-36 2-3P-13' SPA. @ 80'
DI-1-8 #11 (72") 2-3P-10' 2-2P BR @ 56°
5-WI-8-36 2-3P-13' SPA. @ 80'
5-WI-8-36 2-3P-13' SPA. @ 80'
R5-1-30 I-3P-12'
R6-IL-36 I-3P-10'
R1-2-36 I-3P-12'
OM-3R-12 I-2P-11'
OM-3L-12 I-2P-11'
OM-3R-12 I-2P-11'
OM-3L-12 I-2P-11'
R5-1-30 I-3P-12'
R5-1-30 I-3P-12'
R5-1-30 I-3P-12'
R5-1-30 I-3P-12'
R5-10F-30 I-3P-13'
M3-3-24-B MI-1-24-77 M6-2R-21-B I-3P-13'
M3-1-24-B MI-1-24-77 M6-2R-21-B I-3P-14'
R5-10-36 2-3P-12'
R5-10-36 2-3P-12'
R5-10-36 2-3P-12

DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

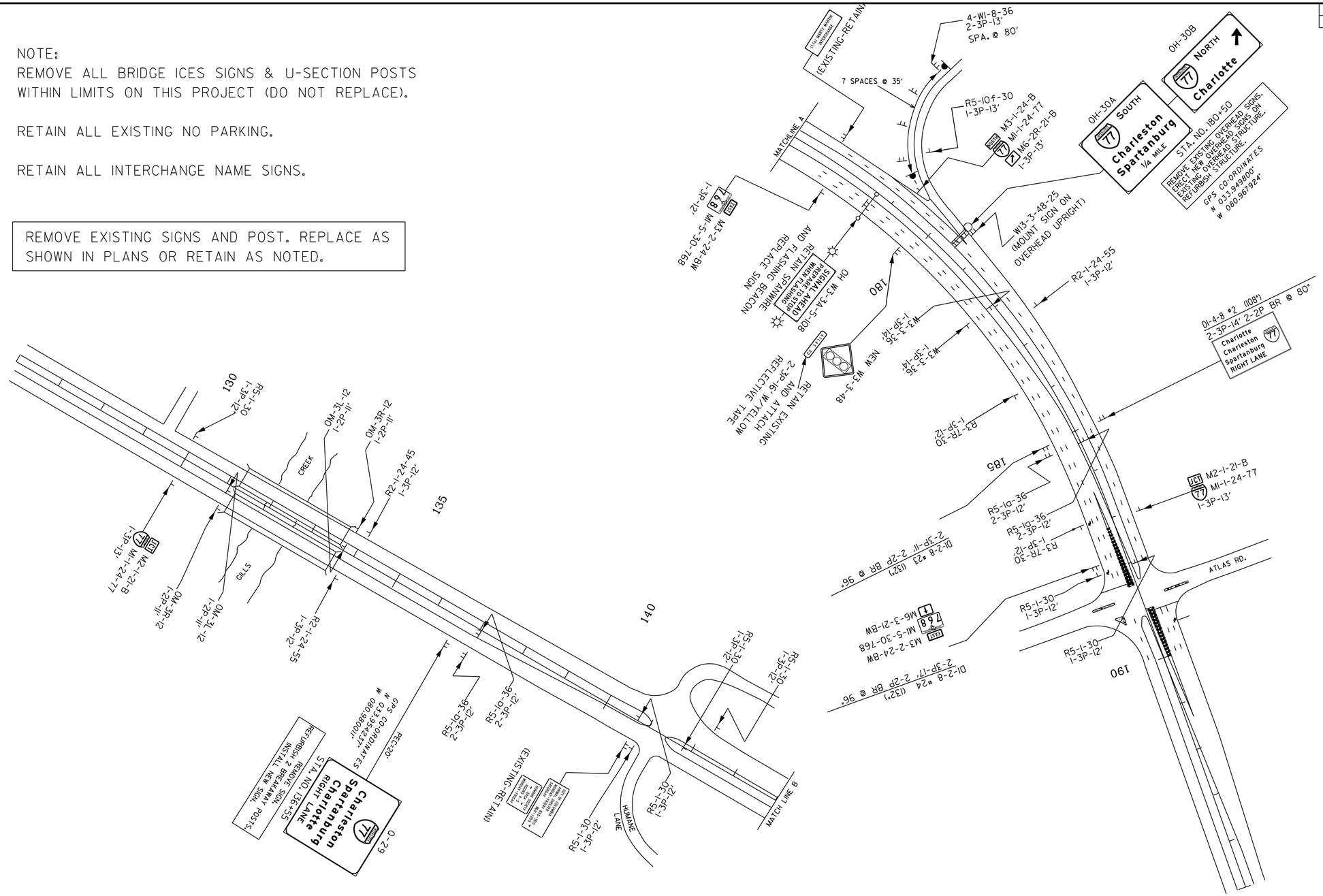
RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

REMOVE EXISTING SIGNS AND POST. REPLACE AS SHOWN IN PLANS OR RETAIN AS NOTED.

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN25

S.C.768 (SHOP RD.)
(EXIT 6)
MATCHLINES



0 50 100 200

HDR ENGINEERING INC.
OF THE CAROLINAS

1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE CAROLINAS No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. HEINE
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

PLAN SHEET

I-77 DWG. NO. SN25

1/10/2020
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DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

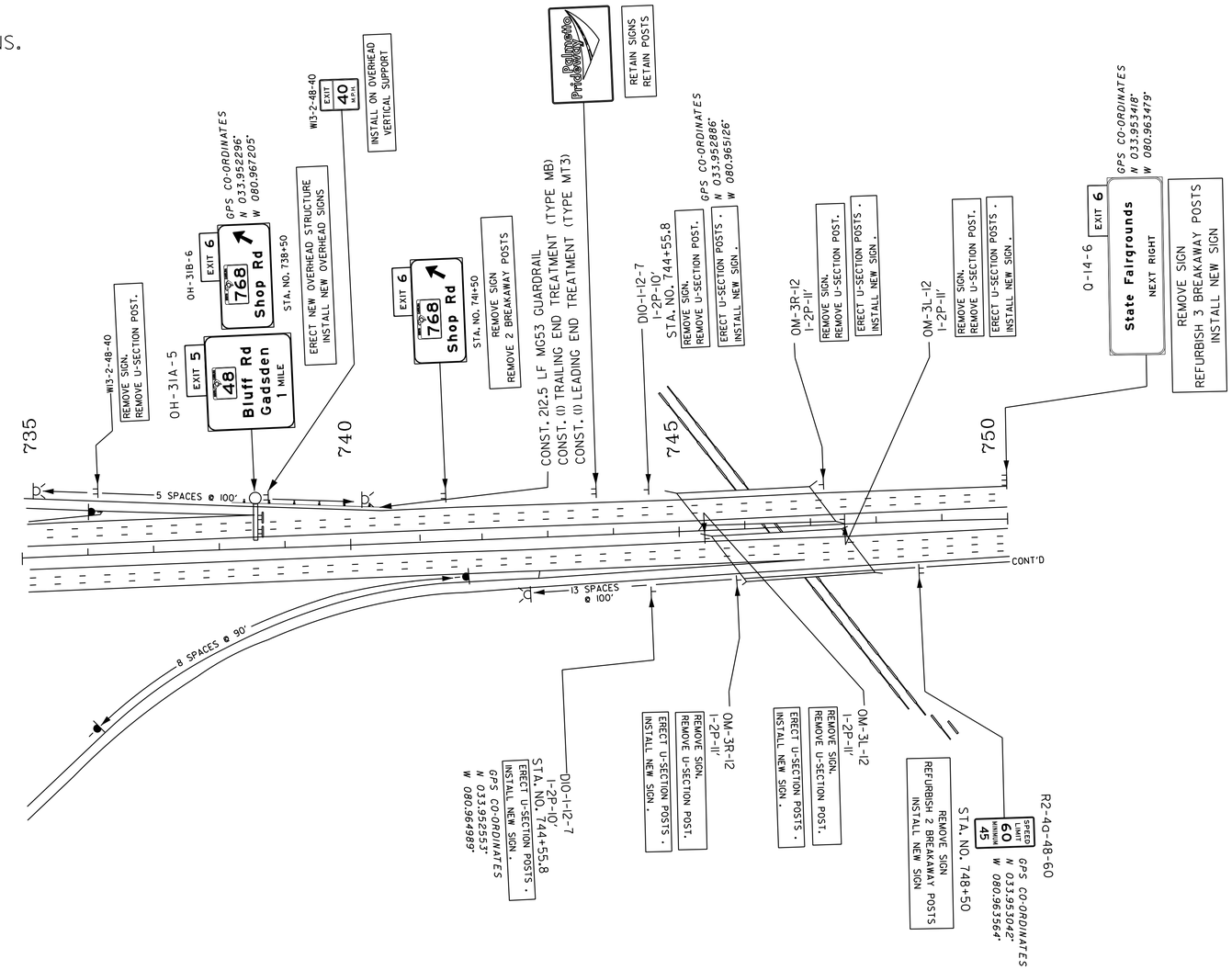
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL.-ND	P038337	I-77	SN26

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

I-77



0 50 100 200

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA
HDR ENGINEERING INC.
OF THE CAROLINAS
No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 24492
DAVID H. KEENE
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____

PL-N SC-LE I" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

PLAN SHEET

I-77 DWG. NO. SN26

1/10/2020
c:\pwworking\east01\d0163239\SN26-34_Exit 9.dgn

DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

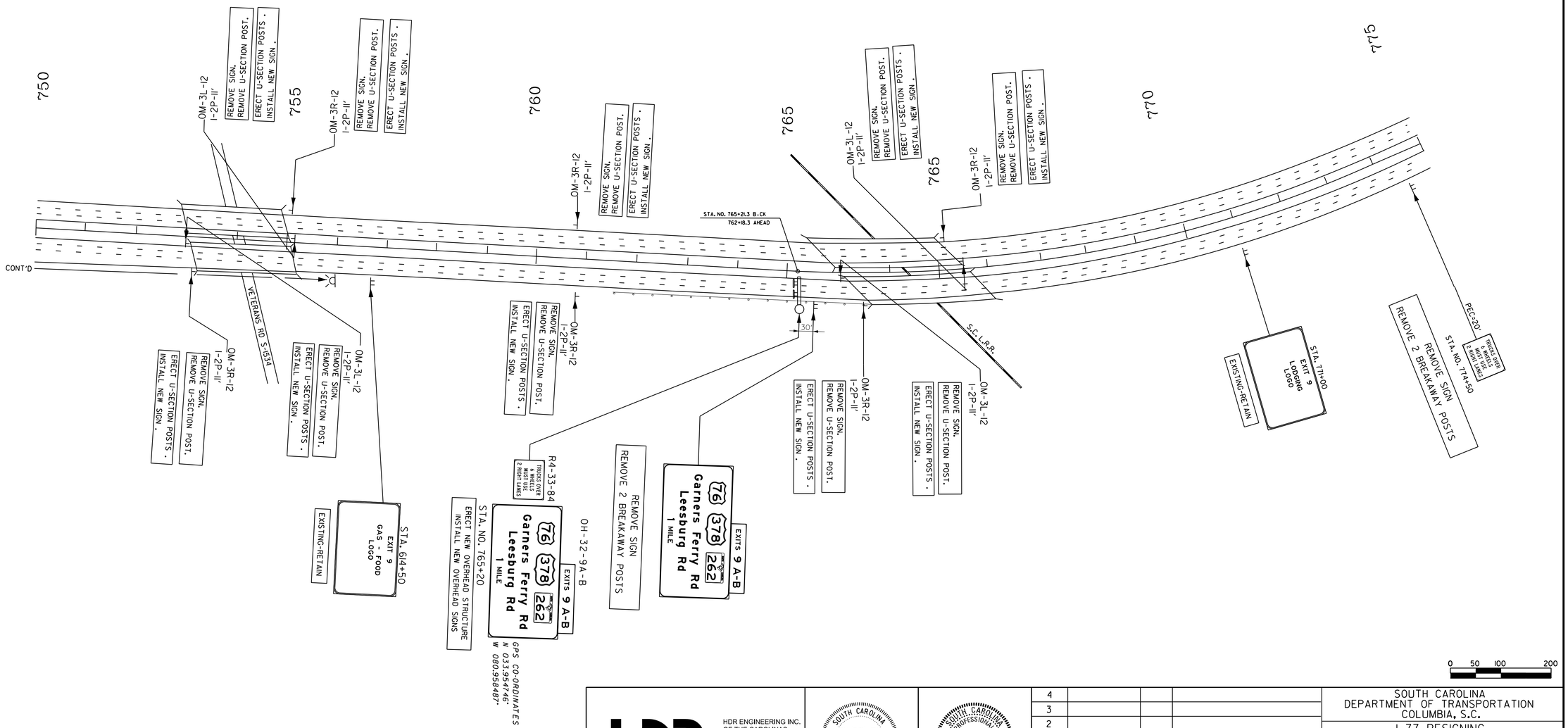
FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL.-ND	P038337	I-77	SN27

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

I-77



HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE C-ROLIN-S No. C0318 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DONALD H. [illegible] 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____

PL-N SC-LE I" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

PLAN SHEET

I-77 DWG. NO. SN27

1/10/2020
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DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL.-ND	P038337	I-77	SN28

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

I-77

775
780
785
790
795
800
805

BURNSIDE DR.

ATLAS RD.

EXTEND 200 LF OF EXISTING STEEL BEAM GUARDRAIL CONST. (I) LEADING TYPE T TL3 (50')

R2-4g-48-60 — SPEED LIMIT 60 MINIMUM 45
GPS CO-ORDINATES N 033.959313° W 080.954005°
STA. NO. 785+00
REMOVE SIGN
REFURBISH 2 BREAKAWAY POSTS
INSTALL NEW SIGN

OH-33-6 — EXIT 6
GPS CO-ORDINATES N 033.960939° W 080.953481°
768 Shop Rd 1 MILE
R4-33-84 — TRUCKS OVER 6 WHEELS MUST USE 2 RIGHT LANES
STA. NO. 790+00
ERECT NEW OVERHEAD STRUCTURE
INSTALL NEW OVERHEAD SIGNS

EXIT 6
768 Shop Rd 1 MILE
REMOVE SIGN
REMOVE 2 BREAKAWAY POSTS

GPS CO-ORDINATES N 033.962496° W 080.953246°
D10-1-12-8 — I-2P-10
STA. NO. 800+38.3
REMOVE SIGN
REMOVE U-SECTION POSTS
ERECT U-SECTION POSTS
INSTALL NEW SIGN

M3-3-30-B — M1-1-36-77
REMOVE SIGN POSTS
REMOVE U-SECTION POSTS
ERECT U-SECTION POSTS
INSTALL NEW SIGN
I-3P-16

REMOVE 2 BREAKAWAY POSTS — REMOVE SIGN — TRUCKS OVER 6 WHEELS MUST USE 2 RIGHT LANES

EXISTING-RETAIN
STA. 779+00
EXIT 9 GAS - FOOD LOGO

GPS CO-ORDINATES N 033.959942° W 080.953221°
O-15-9A — EXIT 9A
Sumter USC School of Medicine NEXT RIGHT
STA. NO. 788+00
REMOVE SIGN
REFURBISH BREAKAWAY POSTS
INSTALL NEW SIGN

O-16
Fort Jackson Visitor Info Tune To 1650 AM
GPS CO-ORDINATES N 033.965151° W 080.952963°
STA. NO. 793+60
REMOVE SIGN
REFURBISH BREAKAWAY POSTS
INSTALL NEW SIGN

D10-1-12-8 — I-2P-10
STA. NO. 800+38.3
REMOVE SIGN
REMOVE U-SECTION POSTS
ERECT U-SECTION POSTS
INSTALL NEW SIGN
GPS CO-ORDINATES N 033.962476° W 080.952885°

O-17-9A — EXIT 9A
WJB Dorn Veterans Medical Center NEXT RIGHT
STA. NO. 801+40
REMOVE SIGN
REFURBISH 3 BREAKAWAY POSTS
INSTALL NEW SIGN
GPS CO-ORDINATES N 033.963491° W 080.952777°

0 50 100 200

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE C-ROLIN-S No. C0318 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER — No. 24492 — DONALD H. HOLMES — 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE I" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

PLAN SHEET

I-77 — DWG. NO. SN28

1/10/2020
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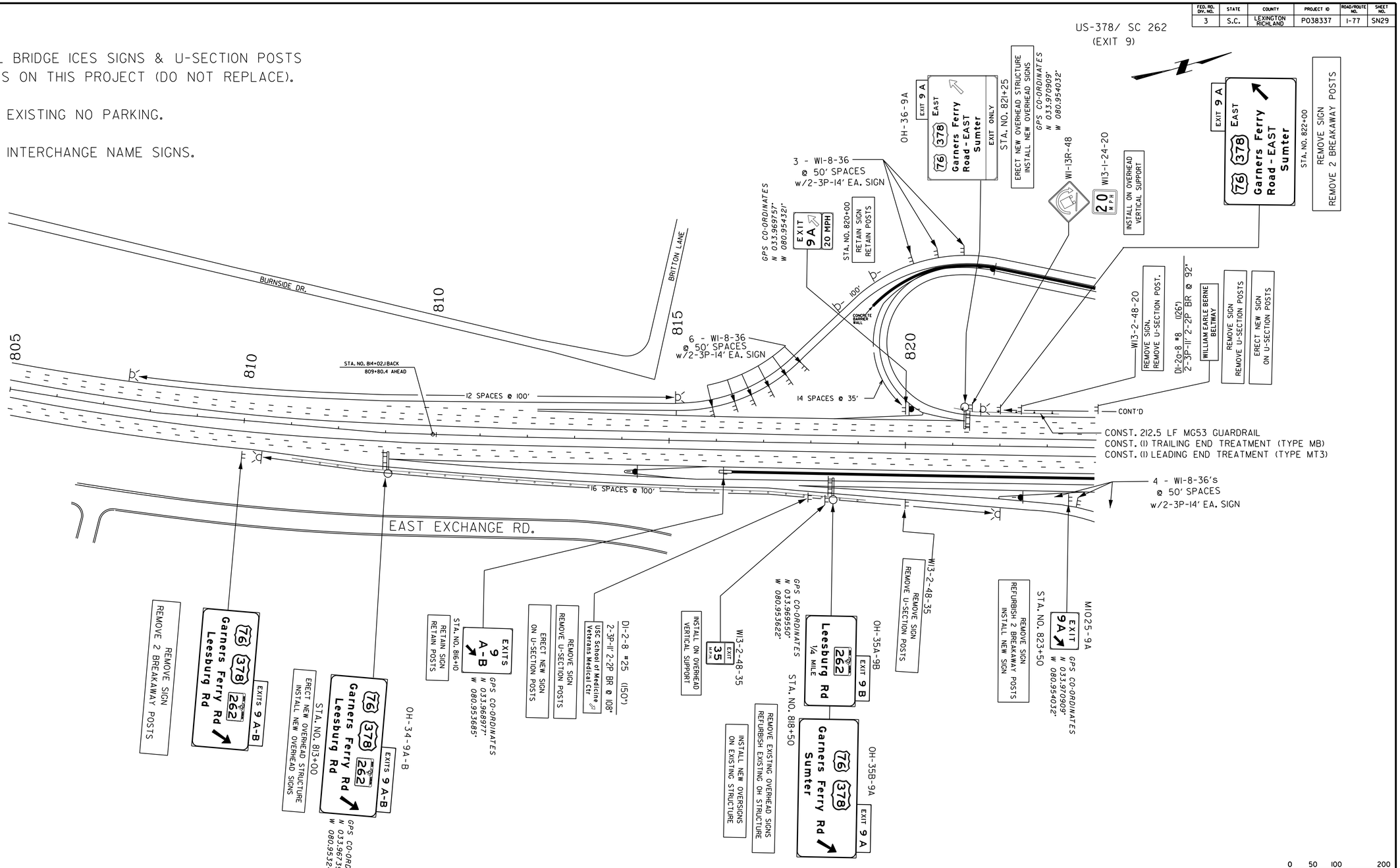
DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN29

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.



HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
HDR ENGINEERING INC. OF THE CAROLINAS No. C038

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 24492
DAVID H. KEENAN
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING
PLAN SHEET

I-77 DWG. NO. SN29

1/10/2020
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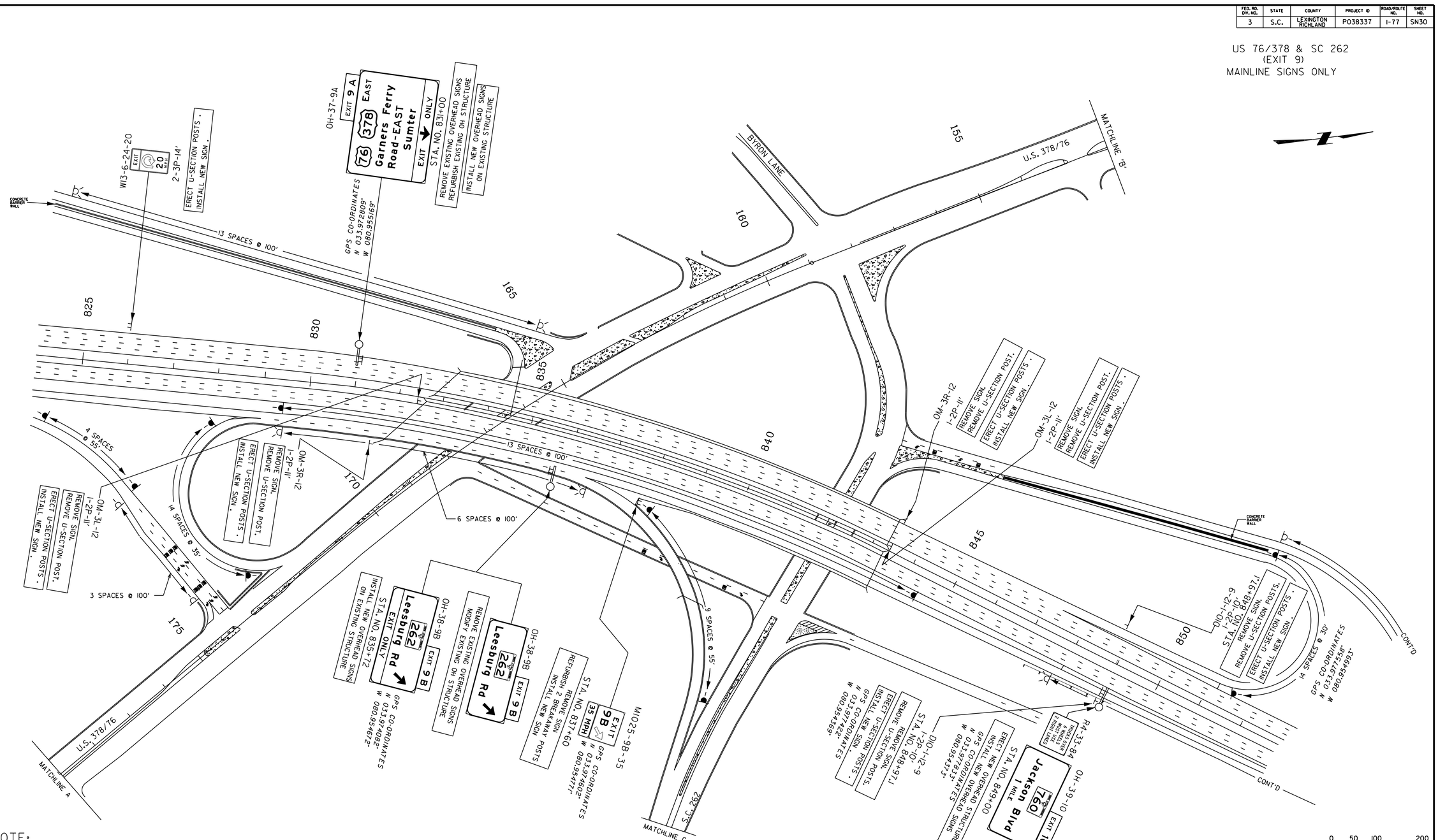
DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN30

US 76/378 & SC 262
(EXIT 9)
MAINLINE SIGNS ONLY



NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA
HDR ENGINEERING INC.
OF THE CAROLINAS
No. C0318
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 24492
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____
PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING
PLAN SHEET

I-77 DWG. NO. SN30

1/10/2020
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DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

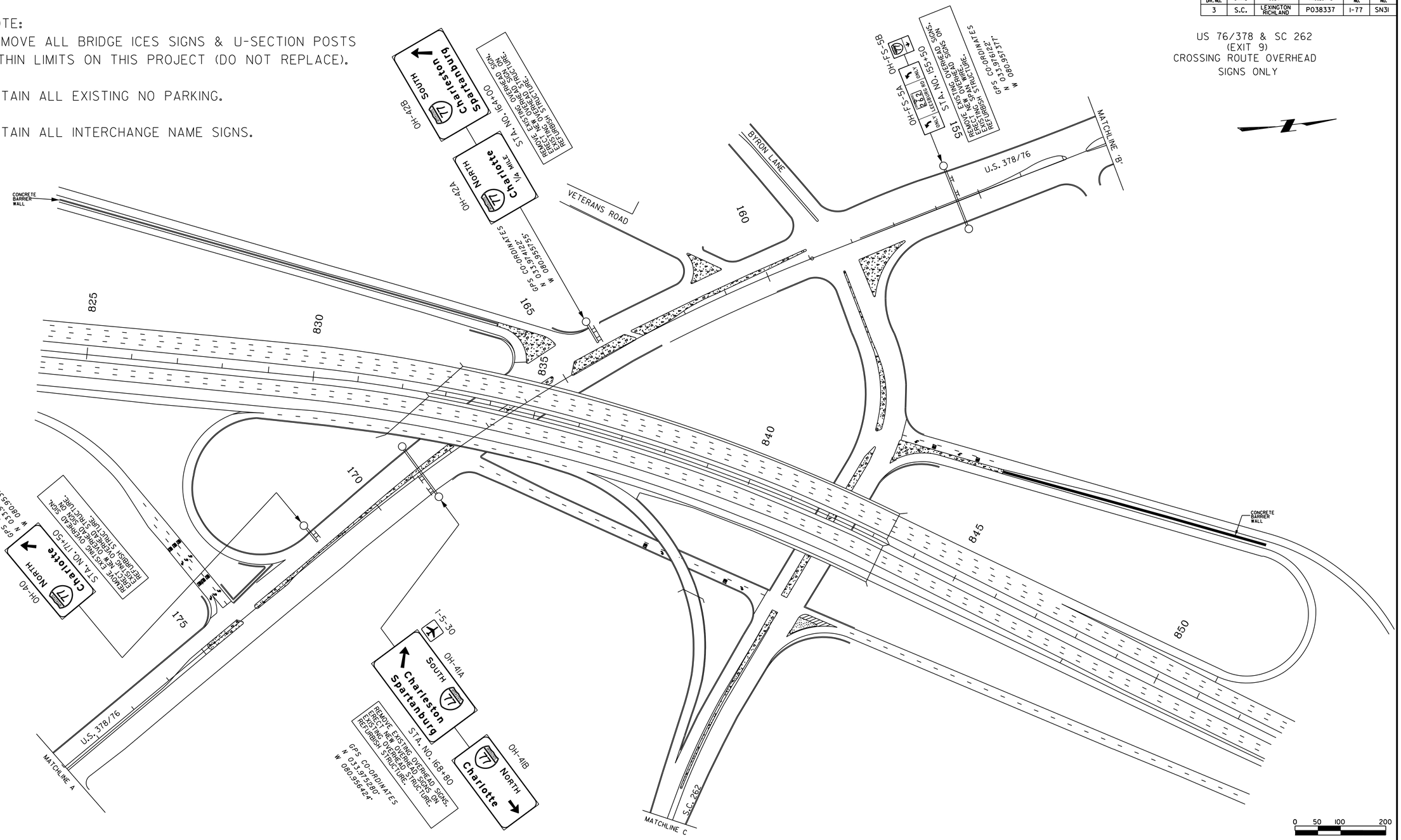
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN31

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

US 76/378 & SC 262
(EXIT 9)
CROSSING ROUTE OVERHEAD
SIGNS ONLY



HDR ENGINEERING INC.
OF THE CAROLINAS

1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
HDR ENGINEERING INC. OF THE CAROLINAS No. C038

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 24492
DAVID H. KEENE
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

PLAN SHEET

I-77 DWG. NO. SN31

1/10/2020
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DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN32

US 76/378 & SC 262 (EXIT 9) CROSSING ROUTE GROUND MOUNTED SIGNS ONLY

INSET 'B'

SEE INSET 'B'

MATCHLINE 'A'

MATCHLINE 'B'

MATCHLINE 'C'

VETERANS ROAD

BYRON LANE

U.S. 378/76

S.C. 262

CONCRETE BARRIER WALL

EXISTING RET.WALL

EXISTING RAMP

STA. 825+00 RAMP EXIT-9 FOOD

STA. 829+00 RAMP EXIT-9 GAS

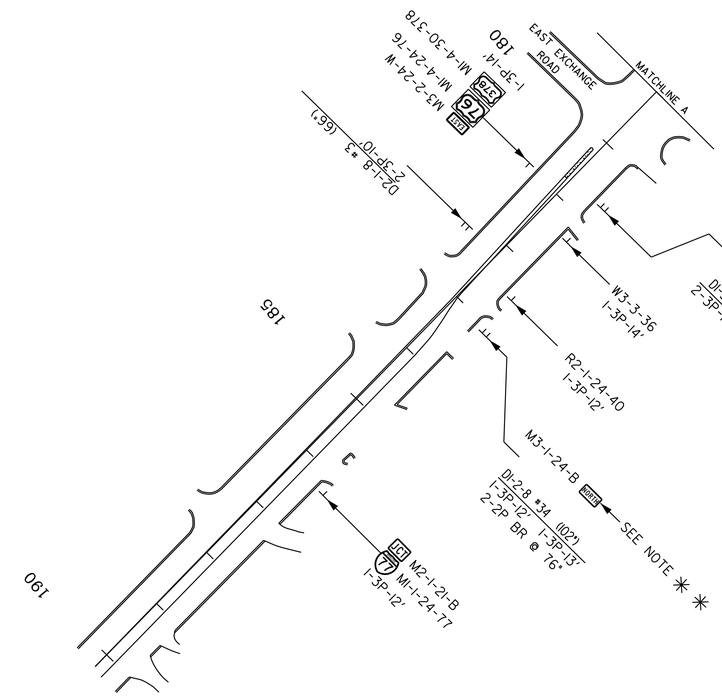
OVERHEAD SIGN STRUCTURE

OVERHEAD SIGN STRUCTURE (EXISTING-RET.WALL)

DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. MD	P038337	I-77	SN33

US 76/378 & SC 262
(EXIT 9)
MATCHLINES



* * CARDINAL DIRECTION SIGN SHALL BE CENTERED OVER INTERSTATE SHIELD

REMOVE EXISTING SIGNS AND POST. REPLACE AS SHOWN IN PLANS OR RETAIN AS NOTED.

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

0 50 100 200

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE C.ROLIN.S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. FERRIS REGISTERED
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.
I-77 RESIGNING
PLAN SHEET

I-77 DWG. NO. SN33

1/10/2020
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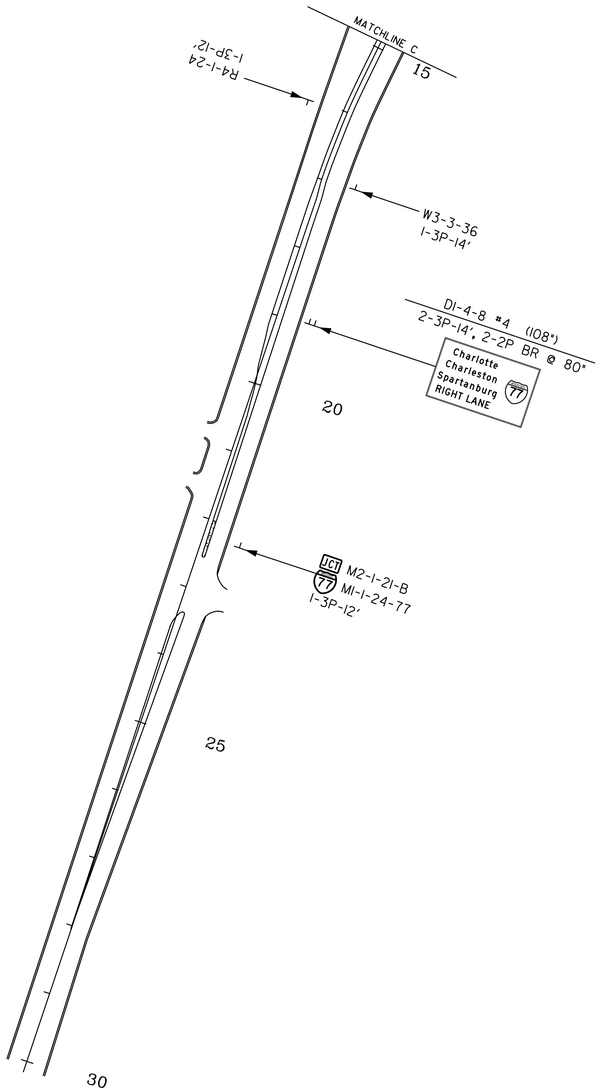
DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. -ND	P038337	I-77	SN34

S.C. 262 (LESSBURG RD)
(EXIT 9)
MATCHLINE



REMOVE EXISTING SIGNS AND POST. REPLACE AS SHOWN IN PLANS OR RETAIN AS NOTED.

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

0 50 100 200

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. KEENE
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE I" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.
I-77 RESIGNING
PLAN SHEET

I-77 DWG. NO. SN34

1/10/2020
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DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL.-ND	P038337	I-77	SN35

I-77 MAINLINE

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

M1025-9B
EXIT 9B
35 MPH
GPS CO-ORDINATES
N 033.980242°
W 080.954418°
STA. NO. 858+00
REMOVE SIGN
REMOVE U-SECTION POSTS
ERECT BRE-KAWAY POST
INSTALL NEW SIGN

OH-43A-9A
EXIT 9 A EAST
76 378
Garners Ferry Road-EAST Sumter
¼ MILE
STA. NO. 863+00
REMOVE EXISTING OVERHEAD SIGNS
REFURBISH EXISTING OH STRUCTURE
INSTALL NEW OVERHEAD SIGNS ON EXISTING STRUCTURE

OH-43B-9B
EXIT 9 B
76 378 262
Garners Ferry Road-WEST Leesburg Rd
GPS CO-ORDINATES
N 033.981629°
W 080.954248°

W13-2-48-35
ERECT NEW SIGN ON EXISTING OVERHEAD UPRIGHT.

HAYWARD MC DONALD INTERCHANGE
EXISTING-RETAIN

O-18-9B
EXIT 9 B
WJB Dorn Veterans Medical Center
NEXT RIGHT
STA. NO. 874+15
REFURBISH 3 BRE-KAW-Y POSTS
INSTALL NEW SIGN
GPS CO-ORDINATES
N 033.984589°
W 080.953559°

CONT'D — 7 SPACES @ 100'
5 SPACES @ 75'
3-W1-8-36
2-3P-13' EA. SIGN
SPA. @ 120'
5 SPACES @ 100'
TRUE STREET
DAVIDSON STREET
855
860
865
870
875
880
CONT'D
13 SPACES @ 100'
14 SPACES @ 100'
CONT'D

R4-1-36
2-3P-14'
REMOVE SIGN.
REMOVE U-SECTION POST.
ERECT U-SECTION POSTS.
INSTALL NEW SIGN.
WINGARD ST.
FRANCES ST.
PENNINGTON RD.
REMOVE SIGN
REMOVE 2 BREAK-WAY POSTS
EXIT 10
760
Jackson Blvd
1 MILE

EXISTING-RETAIN
STA. 876+00
EXIT 10
FOOD - LODGING
LOGO

0 50 100 200

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA
HDR ENGINEERING INC.
OF THE C.ROLIN.S
No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 24492
DAVID H. [illegible]
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE I" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

PLAN SHEET

I-77 DWG. NO. SN35

1/10/2020
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DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

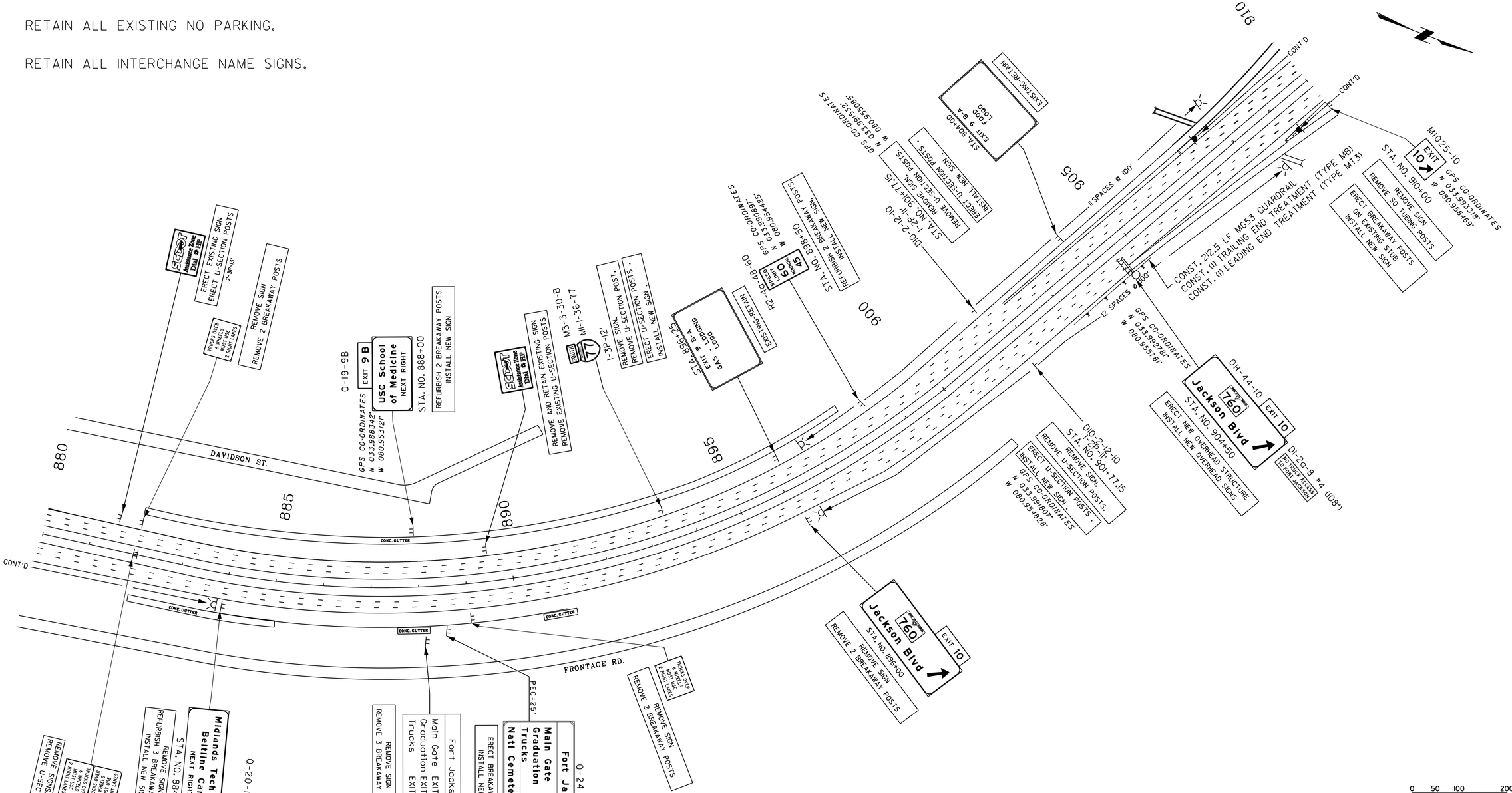
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN36

I-77 MAINLINE

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.



0 50 100 200

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE CAROLINAS No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING
PLAN SHEET

I-77 DWG. NO. SN36

1/10/2020
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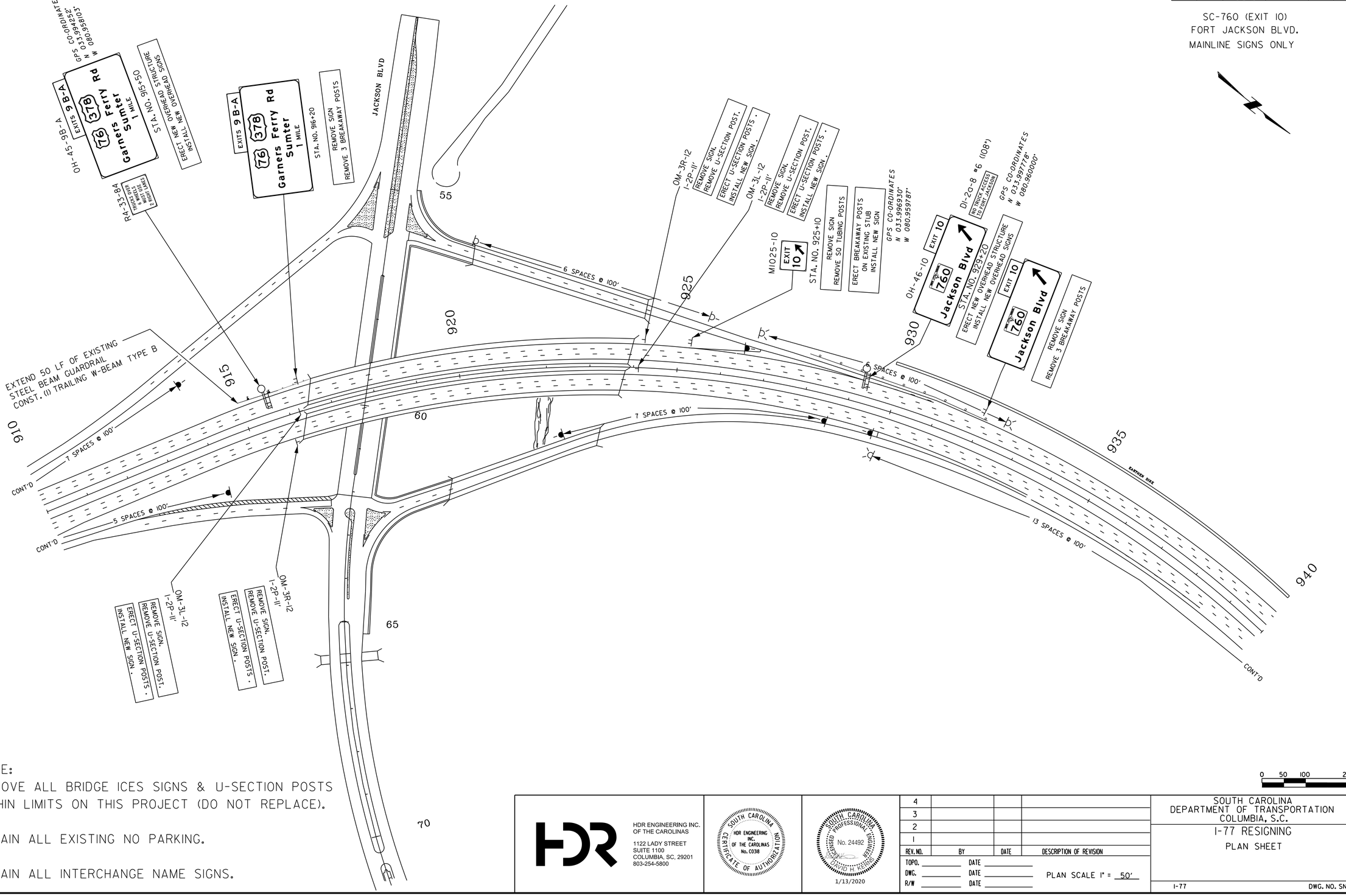
DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN37

SC-760 (EXIT 10) FORT JACKSON BLVD. MAINLINE SIGNS ONLY



NOTE:
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RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

0 50 100 200

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE CAROLINAS No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER DAVID H. KERR No. 24492
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____
PLAN SCALE 1" = 50'

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.
I-77 RESIGNING
PLAN SHEET

I-77 DWG. NO. SN37

1/10/2020
c:\pwworking\east0\d063239\SN35-39_Exit 10.DGN

DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN38

SC-760 (EXIT 10) FORT JACKSON BLVD. CROSSING ROUTE SIGNS ONLY

REMOVE EXISTING SIGNS AND POST. REPLACE AS SHOWN IN PLANS OR RETAIN AS NOTED.

EXISTING-RETAIN
HYMAN RUBIN INTERCHANGE
(7' MOUNTING HT.)
M6-2R-21-B
M1-1-24-77
M3-1-24-B
M6-3-21-B
M1-1-24-B
M3-1-24-77
M6-2R-21-B
I-3P-13'
MATCHLINE "A"
JACKSON BLVD
WEST M3-4-24-BW
760 MI-5-30-760
I-3P-14'
(7' MT. HT.)
OM-3L-12
I-2P-11'
R5-1-30
I-3P-12'
RI-2-36
I-3P-12'
R5-10-36
2-3P-12'
EXIT 10 GAS LOGO
EXISTING-RETAIN
DI-2-8 #45 (102")
2-3P-11', 2-2P BR. @ 76°
Fort Jackson
Jackson Blvd
EXIT 10 FOOD LOGO
EXISTING-RETAIN
OM-3R-12
I-2P-11'
925
W3-3-36
I-3P-14'
930
935
EARTHEN DIKE
940
55
INSERT "A"
R5-1-30
I-3P-12'
R6-IL-36
R6-IR-36
I-3P-10'
(ERECT ON SAME POST AS R6-IL-36)
DI-2-8 #44 (102")
2-3P-16', 2-2P BR. @ 76°
Fort Jackson
Jackson Blvd
M3-4-24-BW
MI-5-30-760
M6-1-21-BW
M3-2-24-BW
MI-5-30-760
M6-1-21-BW
R5-1-30
I-3P-12'
M4-2R-36
I-3P-14'
M6-1-21-B
M1-1-24-77
M3-1-24-B
Charlotte
DI-1-8 #15 (72")
2-3P-15', 2-2P BR. @ 56°
DI-1-8 #16 (72")
2-3P-10', 2-2P BR. @ 56°
R6-IL-36
R6-IR-36
I-3P-10'
(ERECT ON SAME POST AS R6-IL-36)
915
910
R5-1-30
I-3P-12'
R5-10F-30
I-3P-13'
DI-1-8 #14 (90")
2-3P-10', 2-2P BR. @ 68°
Fort Jackson
W3-3-36
I-3P-14'
OM-3L-12
I-2P-11'
920
DI-1-8 #17 (78")
2-3P-17', 2-2P BR. @ 60°
Charleston
(7' MOUNTING HT.)
M3-3-24-B
MI-1-24-77
M6-1-21-B
(7' MOUNTING HT.)
R5-10-36
2-3P-12'
60
DI-1-8 #18 (78")
2-3P-12', 2-2P BR. @ 60°
Charleston
(7' MOUNTING HT.)
OM-3L-12
I-2P-11'
W3-3-36
I-3P-16'
(7' MT. HT.)
OM-3R-12
I-2P-11'
W8-16-36
I-3P-14'
R5-10F-30
I-3P-13'
R1-2-36
I-3P-12'
M3-1-24-B
MI-1-24-77
M6-2R-21-B
I-3P-13'
M6-2R-21-B
M1-1-24-77
M3-1-24-B
I-3P-13'
DI-2-8 #41(78")
2-3P-18', 2-2P BR. @ 60°
Charleston
Charlotte
M3-3-24-B
MI-1-24-77
M6-3-21-B
M3-1-24-B
MI-1-24-77
M6-2R-21-B
(7' MOUNTING HT.)
65
OM-3L-12
I-2P-11'
R3-4-24
R4-7-24
(ERECT ON SAME POST AS R3-4-24)
R5-1-30
I-3P-12'
M3-3-24-B
Charleston
LEFT LANE
DI-2-8 #40 (96")
2-3P-12', 2-2P BR. @ 76°
W3-3-36
I-3P-14'
M3-1-24-B
DI-2-8 #39 (102")
2-3P-13', 2-2P BR. @ 76°
70
M2-1-21-B
MI-1-24-77
I-3P-12'
R10-7-24
I-3P-12'
R5-1-30
I-3P-12'
R5-10-36
2-3P-12'
INSERT" B"
R1-2-36
I-3P-12'
R5-10-36
2-3P-12'
EXISTING-RETAIN
EXIT 10 FOOD LOGO
DI-2-8 #43 (102")
2-3P-11', 2-2P BR. @ 76°
Fort Jackson
Jackson Blvd
DI-2-8 #42 (96")
2-3P-11', 2-2P BR. @ 76°
Midlands Tech College
OM-3L-12
I-2P-11'
R5-1-30
I-3P-12'
R5-10F-30
I-3P-13'
M6-2L-21-B
I-3P-13'
M3-3-24-B
MI-1-24-77
M6-2L-21-B
I-3P-13'
DI-2-8 #38 (78")
2-3P-16', 2-2P BR. @ 60°
Charleston
Charlotte
M3-3-24-BW
MI-1-24-77
M6-3-21-B
M3-1-24-BW
MI-1-24-77
M6-2R-21-B
(7' MOUNTING HT.)

* * CARDINAL DIRECTION SHALL BE CENTERED OVER INTERSTATE SHIELD

INSERT" B"
R5-1-30
I-3P-12'
DI-2-8 #46 (102")
2-3P-16', 2-2P BR. @ 76°
Fort Jackson
Jackson Blvd
WEST M3-4-24-BW
760 MI-5-30-760
M6-1-21-BW
R6-IL-36
R6-IR-36
I-3P-10'
(ERECT ON SAME POST AS R6-IL-36)
R5-1-30
I-3P-12'

0 50 100 200

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION HDR ENGINEERING INC. OF THE CAROLINAS No. C038

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. TUCKER 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING
PLAN SHEET

I-77 DWG. NO. SN38

1/10/2020
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FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. MD	P038337	I-77	SN39

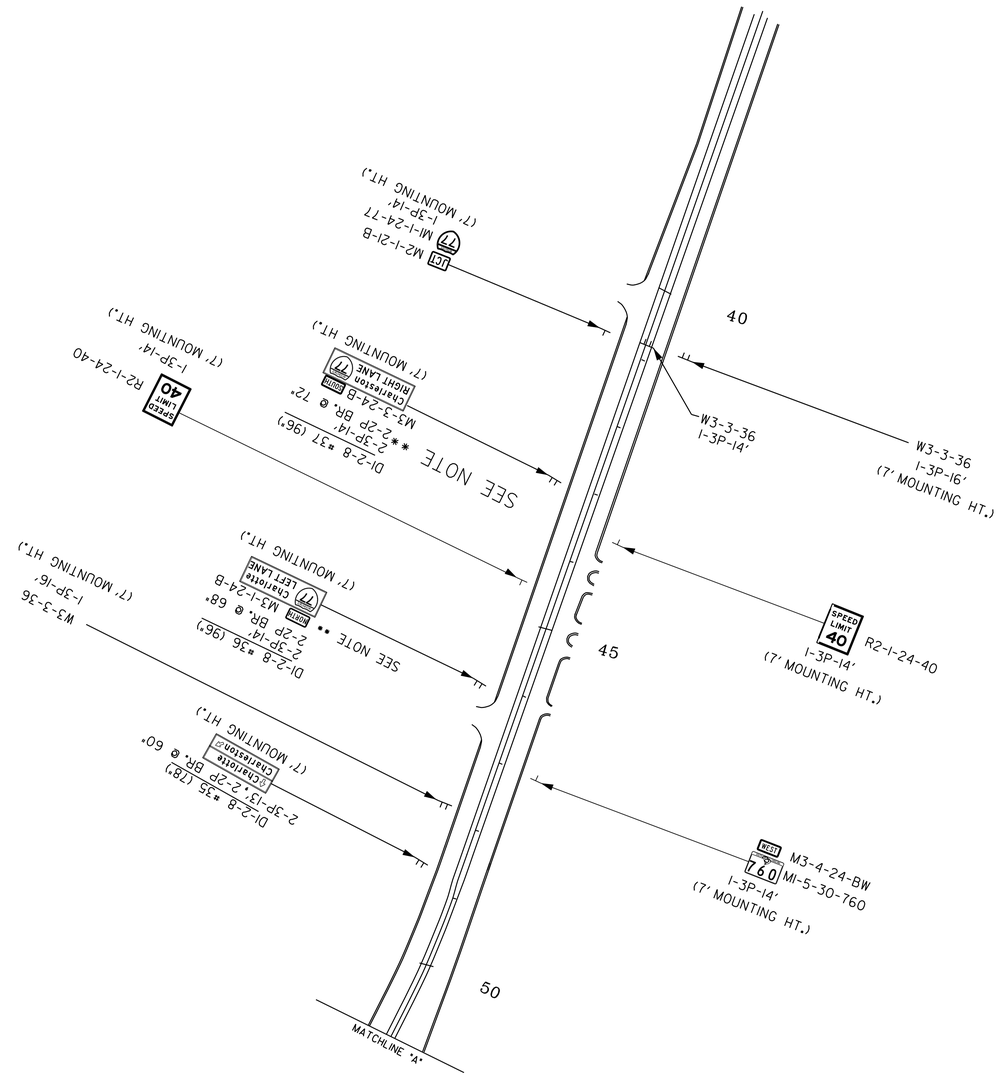
NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

** CARDINAL DIRECTION SHALL BE CENTERED OVER INTERSTATE SHIELD

SC-760 (EXIT 10)
FORT JACKSON BLVD.
CROSSING ROUTE SIGNS ONLY



0 50 100 200

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 24492 — DAVID H. KEKING — REGISTERED
1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____
PL-N SC-LE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

PLAN SHEET

I-77 DWG. NO. SN39

1/10/2020
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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICH, AND	P038337	I-77	SN40

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

I-77 MAINLINE

LONGSTREET RD.

0-21-10 EXIT 10 Midlands Tech College Beltline Campus NEXT RIGHT
STA. NO. 942+50
REMOVE SIGN
REFURBISH 3 BREAKAWAY POSTS
INSTALL NEW SIGN
GPS CO-ORDINATES N 034.001558° W 080.959183°

945

950

STA. 954+15 EXIT 10 GAS - LODGING LOGO EXISTING-RETAIN

955

DIO-2-12-11 I-2P-11' STA. NO. 954+57.15
GPS CO-ORDINATES N 034.004457° W 080.957244°
REMOVE SIGN. REMOVE U-SECTION POSTS.
ERECT U-SECTION POSTS. INSTALL NEW SIGN.

TRUCKS OVER 6 WHEELS MUST USE 2 RIGHT LANES
REMOVE SIGN
REMOVE 2 BREAKAWAY POSTS

965

STA. 971+50 EXIT 10 FOOD LOGO EXISTING-RETAIN

970

CONT'D

CONST. 212.5 LF MG53 GUARDRAIL
CONST. (1) TRAILING END TREATMENT (TYPE MB)
CONST. (1) LEADING END TREATMENT (TYPE MT3)

PEC=20'
I-3P-12'
REMOVE SIGN.
REMOVE U-SECTION POST.
ERECT U-SECTION POSTS.
INSTALL NEW SIGN.
NORTH 77 MI-I-36-77
M3-I-30-B
REMOVE SIGN
REMOVE 2 BREAKAWAY POSTS

Forest Drive Strom Thurmond Blvd Fort Jackson 1 MILE EXIT 12

GPS CO-ORDINATES N 034.002068° W 080.958374°
STA. NO. 950+06
ERECT NEW OVERHEAD STRUCTURE
INSTALL NEW OVERHEAD SIGNS

R4-33-84 TRUCKS OVER 6 WHEELS MUST USE 2 RIGHT LANES

Forest Drive Strom Thurmond Blvd Fort Jackson 1 MILE Hospital EXIT 12

OH-47-12

PEC-20'
REMOVE SIGN
REMOVE 2 BREAKAWAY POSTS
TRUCKS OVER 6 WHEELS MUST USE 2 RIGHT LANES

DIO-2-12-11 I-2P-11' STA. NO. 954+57.15
REMOVE SIGN. REMOVE U-SECTION POSTS.
ERECT U-SECTION POSTS. INSTALL NEW SIGN.
GPS CO-ORDINATES N 034.004364° W 080.956856°

SPEED LIMIT 60 MINIMUM 45 R2-4a-48-60
STA. NO. 959+35
REMOVE SIGN
REFURBISH 2 BREAKAWAY POSTS
INSTALL NEW SIGN
GPS CO-ORDINATES N 034.005491° W 080.956136°

STA. 965+70 EXIT 12 FOOD LOGO

OH-64-10 EXIT 10 760 Jackson Blvd 1 MILE
STA. NO. 979+50
ERECT NEW OVERHEAD STRUCTURE INSTALL NEW OVERHEAD SIGNS
GPS CO-ORDINATES N 034.010566° W 080.953455°

975

980

EXIT 10 760 Jackson Blvd 1 MILE
REMOVE SIGN
REMOVE 2 BREAKAWAY POSTS

985

SPEED LIMIT 60 MINIMUM 45 R2-4a-48-60
STA. NO. 987+00
REMOVE SIGN
REFURBISH 2 BREAKAWAY POSTS
INSTALL NEW SIGN
GPS CO-ORDINATES N 034.012451° W 080.952353°

990

995 SOUTH 77 MI-I-36-77 M3-3-30-B
PEC=20'
I-3P-12'
REMOVE SIGN.
REMOVE U-SECTION POST.
ERECT U-SECTION POSTS.
INSTALL NEW SIGN.

1000

CONT'D

50'

R4-33-84 TRUCKS OVER 6 WHEELS MUST USE 2 RIGHT LANES

PEC=30'

STA. 981+00 EXIT 12 GAS - LODGING LOGO EXISTING-RETAIN

REMOVE SIGN
REMOVE 2 BREAKAWAY POSTS
Arcadia Lakes
Forest Acres NEXT RIGHT EXIT 12

STA. NO. 997+00
ERECT BREAKAWAY POST
INSTALL NEW SIGN

Forest Acres Arcadia Lakes NEXT RIGHT EXIT 12 0-22-12

0 50 100 200

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE CAROLINAS No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. KEENE 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE 1" = 50'

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION COLUMBIA, S.C.

I-77 RESIGNING

PLAN SHEET

I-77 DWG. NO. SN40

1/10/2020
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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN41

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

(EXIT 12)
FOREST DRIVE
MAINLINE SIGNS ONLY

D10-2-12-12
I-2P-11'
STA. NO. 1007+37.15
REMOVE SIGN.
REMOVE U-SECTION POSTS.
ERECT U-SECTION POSTS.
INSTALL NEW SIGN.
GPS CO-ORDINATES
N 034.017493°
W 080.949245°

W4-1R-48
2-3P-12'
REMOVE SIGN
REMOVE U-SECTION POSTS
ERECT 2-3P-12' POST
INSTALL NEW SIGN

W12-2P-78-17.4
17 FT 4 IN
REMOVE EXISTING SIGN, ATTACH NEW OVERHEAD SIGN ON EXISTING BRIDGE AT CORRECT LOCATION.

1010 1015 1020 1025 1030 1035

15 10 5 0

13 SPACES @ 100'
7 SPACES @ 100'
6 SPACES @ 100'
5 SPACES @ 100'-CONT'D
SOUND WALL
RETAINING WALL
CONST. 212.5 LF MG53 GUARDRAIL
CONST. (1) TRAILING END TREATMENT (TYPE MB)
CONST. (1) LEADING END TREATMENT (TYPE MT3)
5 SPACES @ 100'
3 SPACES @ 100'
7 SPACES @ 100'
7 SPACES @ 100'
8 SPACES @ 100'
CONT'D

M1025-12
EXIT 12
N 034.018220°
W 080.948246°

R4-33-84
TRUCKS OVER 4 AXLES DO MUST USE 2 RIGHT LANES

OH-49-13
Decker Blvd
1 MILE
EXIT 13
STA. NO. 1022+50
ERECT NEW OVERHEAD STRUCTURE
INSTALL NEW OVERHEAD SIGNS
GPS CO-ORDINATES
N 034.021065°
W 080.946445°

Decker Blvd
1 MILE
EXIT 13
REMOVE SIGN
REMOVE 2 BREAKAWAY POSTS

W4-1R-48
2-3P-12'
REMOVE SIGN
REMOVE U-SECTION POSTS
ERECT 2-3P-12' POST
INSTALL NEW SIGN

W12-2P-78-18.7
18 FT 7 IN
REMOVE EXISTING SIGN, ATTACH NEW OVERHEAD SIGN ON EXISTING BRIDGE AT CORRECT LOCATION.

D10-2-12-12
I-2P-11'
STA. NO. 1007+37.15
REMOVE SIGN.
REMOVE U-SECTION POSTS.
ERECT U-SECTION POSTS.
INSTALL NEW SIGN.
GPS CO-ORDINATES
N 034.017219°
W 080.948792°

STA. NO. 1011+00
REMOVE SIGN
REMOVE SO TUBING POSTS
ERECT BREAKAWAY POSTS ON EXISTING STUB
INSTALL NEW SIGN

Forest Drive
Strom Thurmond Blvd
Fort Jackson
EXIT 12

REMOVE SIGN
REMOVE 3 BREAKAWAY POSTS

CONST. 212.5 LF MG53 GUARDRAIL
CONST. (1) TRAILING END TREATMENT (TYPE MB)
CONST. (1) LEADING END TREATMENT (TYPE MT3)

OH-48-12
Forest Drive
Strom Thurmond Blvd
Fort Jackson
EXIT 12
STA. NO. 1006+30
ERECT NEW OVERHEAD STRUCTURE
INSTALL NEW OVERHEAD SIGNS
GPS CO-ORDINATES
N 034.017219°
W 080.948798°

0 50 100 200

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA
HDR ENGINEERING INC. OF THE CAROLINAS No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 24492
DAVID H. KEENE
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

PLAN SHEET

I-77 DWG. NO. SN41

1/10/2020
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NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN42

(EXIT 12)
FOREST DRIVE
CROSSING ROUTE SIGNS ONLY

R5-1-30
I-3P-12
R6-1R-36
R6-1L-36
1-3P-10'
(ERECT ON SAME POST AS R6-1L-36)
R5-1-30
1-3P-12'
INSERT "A"

MATCHLINE "A"

DI-3-8 #10 (138")
2-3P-17', 2-2P BR. @ 100"
Strom Thurmond Blvd
Fort Jackson
Forest Drive
15
D9-2-24
M6-1-2I-B

OH-5IA
NORTH
77
Charlotte
LEFT LANE

OH-5IB
SOUTH
77
Charleston
GPS CO-ORDINATES
STA. NO. 12+50
N 034.022229'
W 080.947954'

REMOVE EXISTING OVERHEAD SIGN.
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.
REFURBISH STRUCTURE.

(7' MOUNTING HT.)
M6-3-2I-B
M1-1-24-77
M3-1-24-B
M6-2R-2I-B
M3-3-24-B
M1-1-24-77
Charlotte
DI-2-8 #48 (78")
2-3P-18', 2-2P BR. @ 60°
I-3P-13'

REMOVE EXISTING OVERHEAD SIGNS.
ERECT NEW OVERHEAD SIGNS ON
EXISTING OVERHEAD STRUCTURE.
REFURBISH STRUCTURE.
STA. NO. 5+70
OH-FS-4
NORTH
77
M6-2R-2I-B
M1-1-24-77
M3-3-24-B
I-3P-13'
I-3P-12'
R3-2-24
SEE INSERT "A"
(7' MT. HT.)
R5-1-30
I-3P-14'
R1-2-36
I-3P-14'
(7' MT. HT.)
OM-3L-12
I-2P-11'
R5-10F-30
I-3P-13'
M3-3-24-B
M1-1-24-77
M6-2L-2I-B
I-3P-13'
R1-2-36
I-3P-14'
(7' MT. HT.)
R5-10F-30
I-3P-13'
M6-1-2I-B
(7' MT. HT.)
Charlotte
DI-1-8 #21 (72")
2-3P-17, 2-2P BR. @ 56°
OM-3R-12
I-2P-11'
OM-3L-12
I-2P-11'
R6-1R-36
R6-1L-36
I-3P-12'
(ERECT ON SAME POST AS R6-1L-36)
(7' MOUNTING HT.)
R5-1-30
I-3P-14'
(7' MT. HT.)
R5-10-36
2-3P-12'
DI-1-8 #24 (78")
2-3P-17', 2-2P BR. @ 60°
Charleston
(7' MOUNTING HT.)
SOUTH
77
M3-3-24-B
MI-1-24-77
M6-1-2I-B
(7' MOUNTING HT.)
OM-3R-12
I-2P-11'
DI-1-8 #23 (78")
2-3P-12', 2-2P BR. @ 60°
Charleston
(7' MOUNTING HT.)
OM-3L-12
I-2P-11'
R5-10F-30
I-3P-13'
M6-2L-2I-B
MI-1-24-77
M3-1-24-B
R1-2-36
I-3P-14'
(7' MOUNTING HT.)
NORTH
77
M3-1-24-B
MI-1-24-77
M6-2R-2I-B
I-3P-13'
R2-1-24-35
I-3P-12'
DI-2-8 #64 (78")
2-3P-16', 2-2P BR. @ 60°
Charleston
Charlotte
M3-3-24-B
MI-1-24-77
M6-3-2I-B
M3-1-24-B
MI-1-24-77
M6-2R-2I-B
W3-3-36
I-3P-14'
MATCH LINE "A"

OH-FS-3
SOUTH
77
STA. NO. 8+40
REMOVE EXISTING OVERHEAD SIGN.
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.
REFURBISH STRUCTURE.

OH-50A
Interstate
77
SOUTH
Charleston

OH-50B
Interstate
77
NORTH
Charlotte

GPS CO-ORDINATES
N 034.021032'
W 080.944928'

STA. NO. 2+30
REMOVE EXISTING OVERHEAD SIGN.
ERECT NEW OVERHEAD SIGN ON
EXISTING OVERHEAD STRUCTURE.
REFURBISH STRUCTURE.

1005
1010
1015
1020
1025
1030
1035

10
5
0

SOUND WALL
RETAINING WALL

EXIT 12
FOOD LOGO
EXISTING-RETAIN
EXIT 12
GAS/LODGING LOGO
EXISTING-RETAIN
EXIT 12
GAS/LODGING LOGO
EXISTING-RETAIN
EXIT 12
FOOD LOGO
EXISTING-RETAIN
STATE MUSEUM
EXISTING-REMOVE

385'
575'
940'

DI-3-8 #13 (138")
2-3P-13', 2-2P BR. @ 100"
Strom Thurmond Blvd
Fort Jackson
Forest Drive
DI-2C-8 #7 (126")
2-3P-11', 2-2P BR. @ 92"
Fort Jackson Visitors Stay in Right Lane
DI-2-8 #93 (102")
2-3P-11', 2-2P BR. @ 76"
Forest Acres
Arcadia Lakes
R5-3-2
36-10-2
REMOVE SIGN AND POST
Forest Acres
Arcadia Lakes
M6-1-2I-B
D9-2-24
DI-3-8 #12 (138")
2-3P-11', 2-2P BR. @ 100"
Strom Thurmond Blvd
Fort Jackson
Forest Drive
SEE INSERT "B"
R1-2-36
I-3P-12'
R5-1-30
I-3P-12'

INSERT "B"
R5-1-30
I-3P-12'
R6-1L-36
R6-1R-36
I-3P-10'
(ERECT ON SAME POST AS R6-1L-36)
R5-1-30
I-3P-12'

REMOVE EXISTING SIGNS AND POST. REPLACE AS SHOWN IN PLANS OR RETAIN AS NOTED.

0 50 100 200

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA
HDR ENGINEERING INC.
OF THE CAROLINAS
No. C038
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 24492
DAVID H. HOLMES
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____
PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.
I-77 RESIGNING
PLAN SHEET

I-77 DWG. NO. SN42

1/10/2020
c:\pwworking\east0\d1063239\SN40-43.Exit 12.DGN

DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

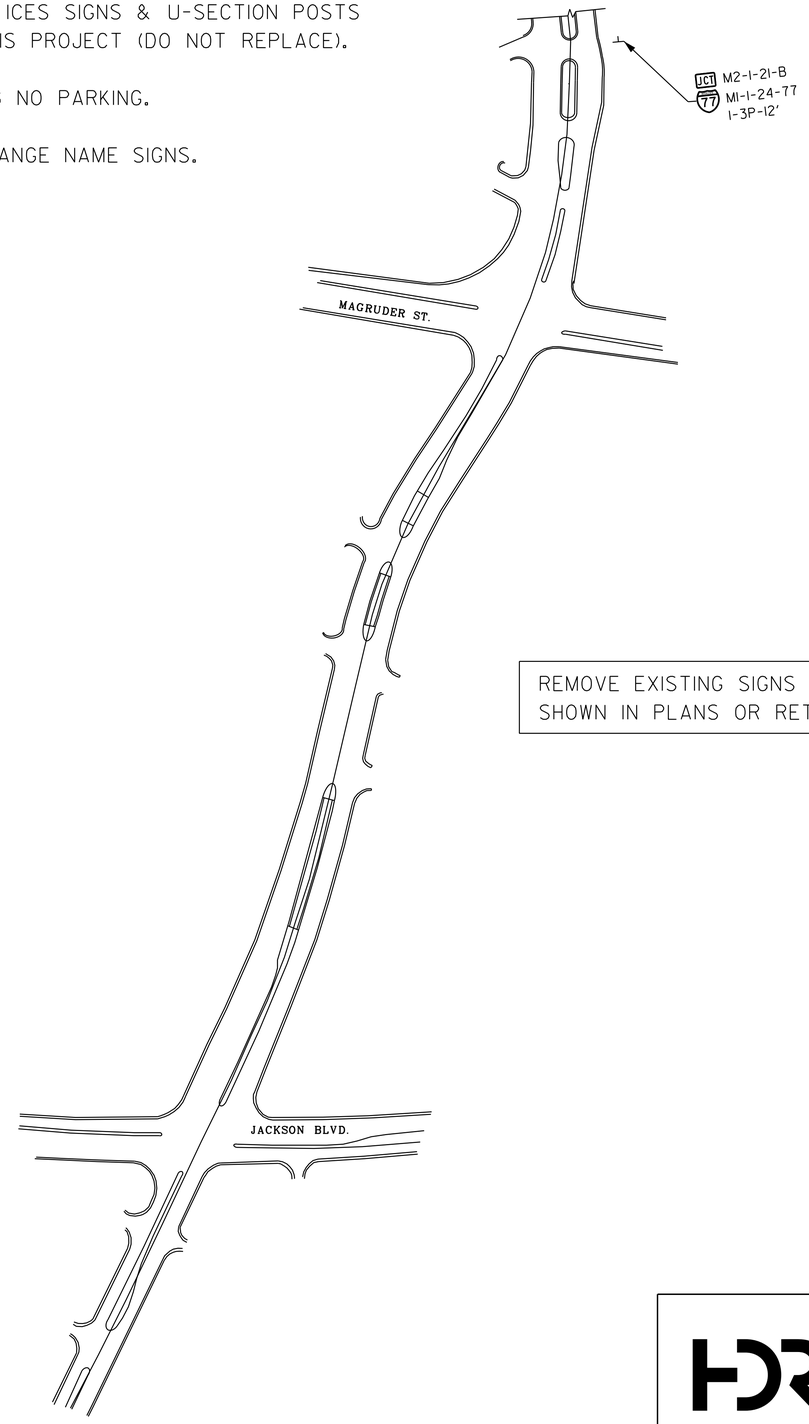
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN43

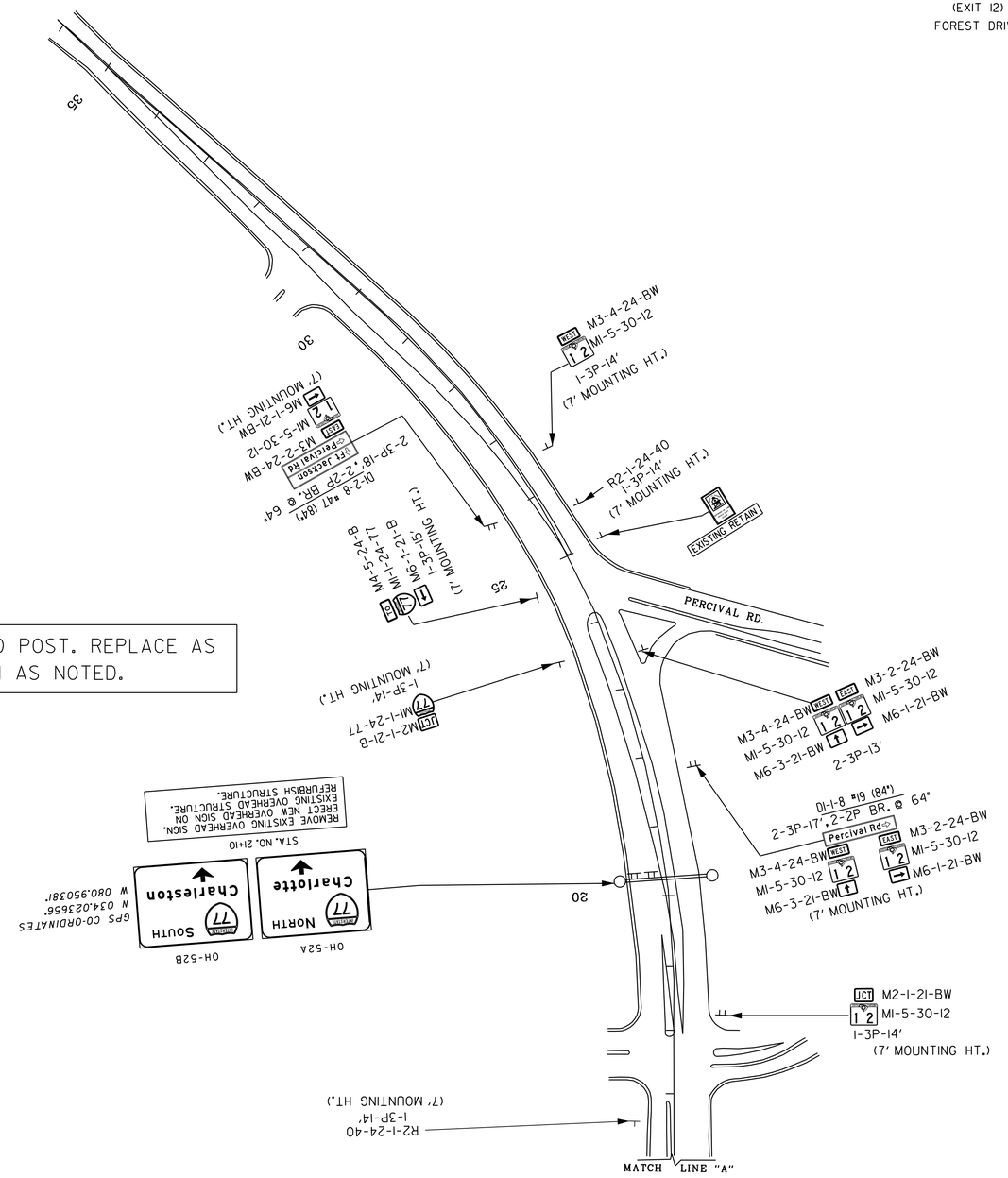
NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

REMOVE EXISTING SIGNS AND POST. REPLACE AS SHOWN IN PLANS OR RETAIN AS NOTED.





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HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE CAROLINAS No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. BUSH REGISTERED
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
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TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

PLAN SHEET

I-77 DWG. NO. SN43

1/10/2020
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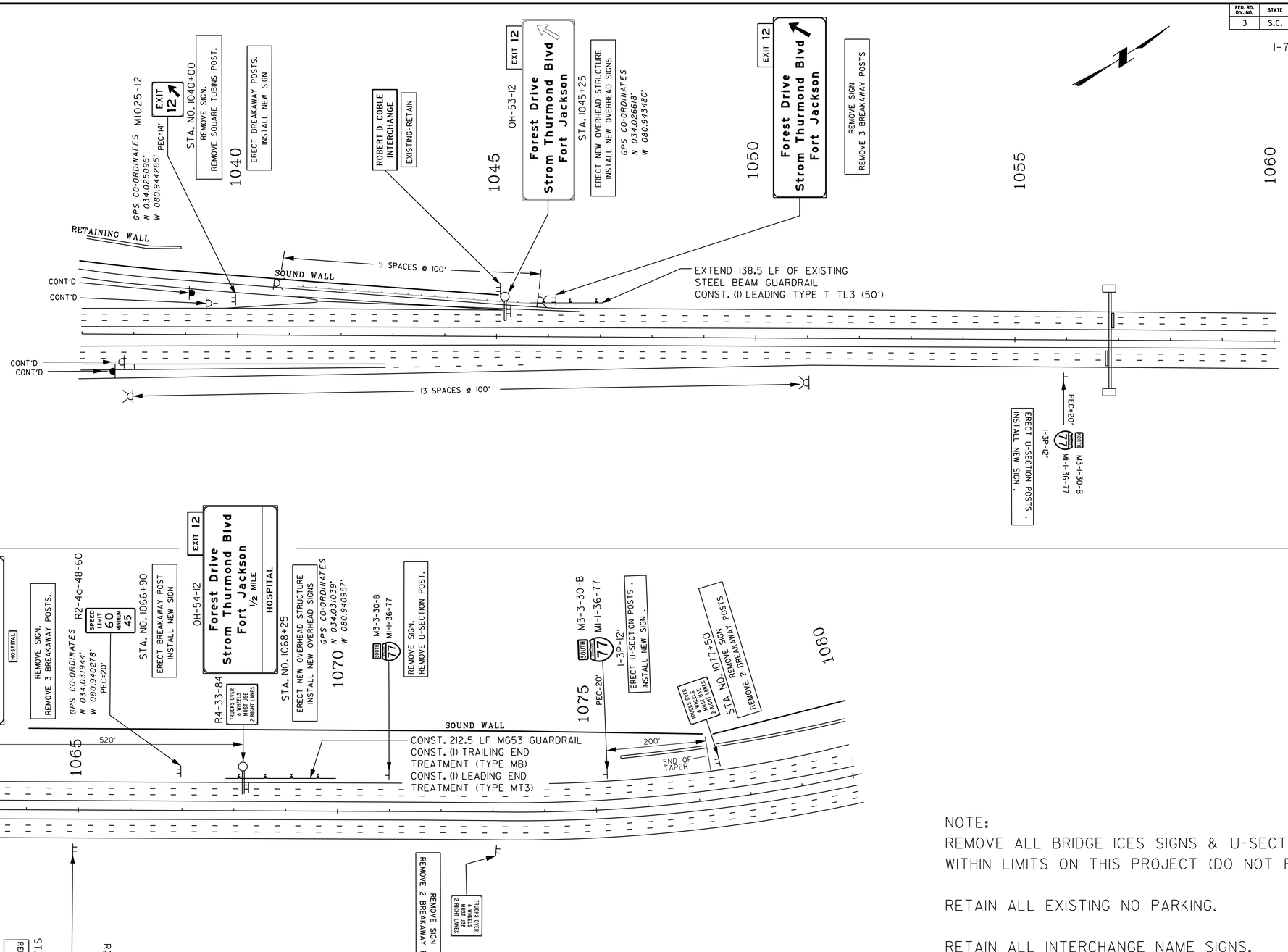
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICH, AND	P038337	I-77	SN44

I-77 MAINLINE



NOTE:
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RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

0 50 100 200

HDR ENGINEERING INC. OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE CAROLINAS No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. YEOMANS 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
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TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING
PLAN SHEET

I-77 DWG. NO. SN44

1/10/2020
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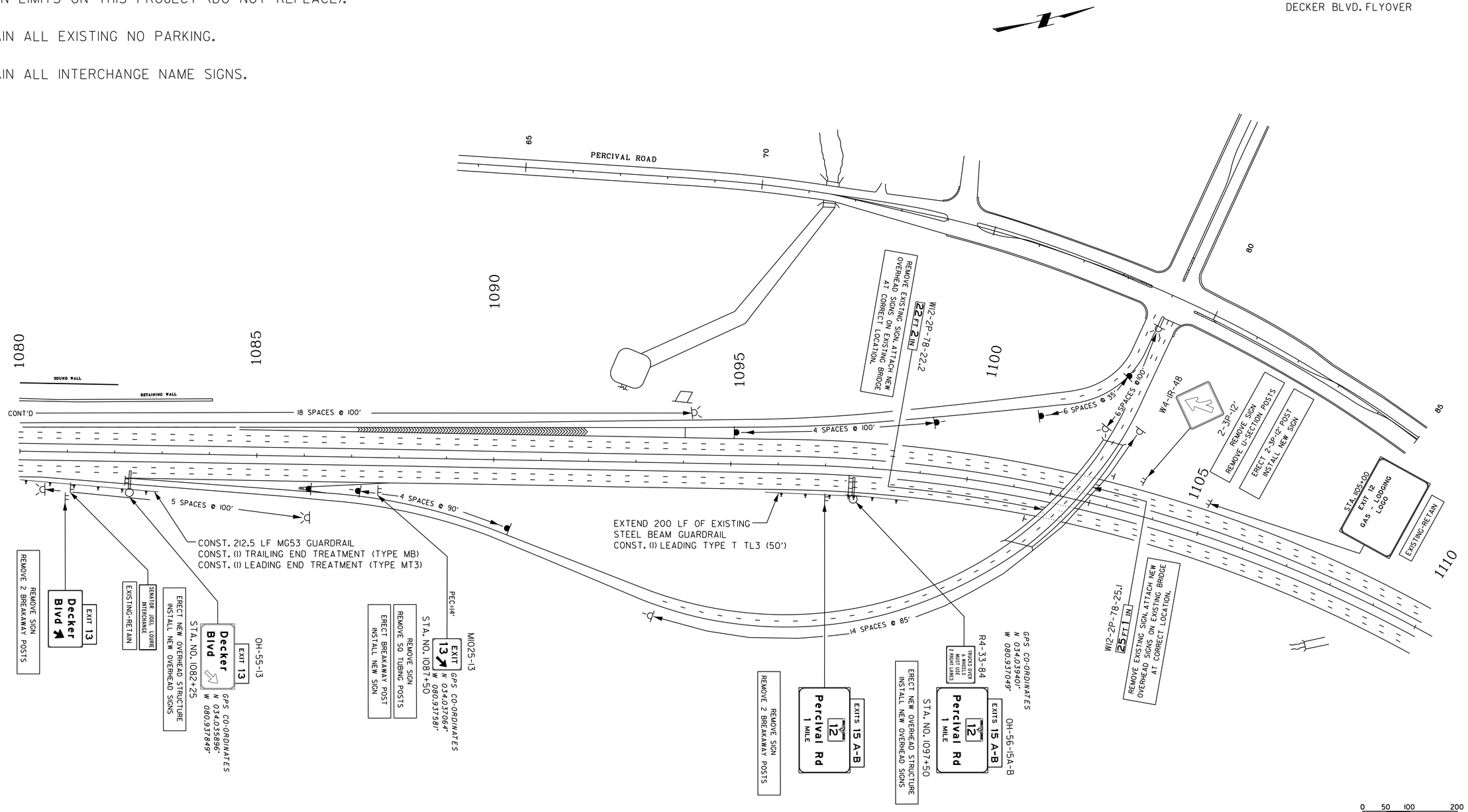
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN45

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

(EXIT 13)
DECKER BLVD. FLYOVER



HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA — HDR ENGINEERING INC. OF THE CAROLINAS No. C038 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL — No. 24492 — DAVID H. KEYSER — 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

PLAN SHEET

I-77 — DWG. NO. SN45

1/10/2020
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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN46

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

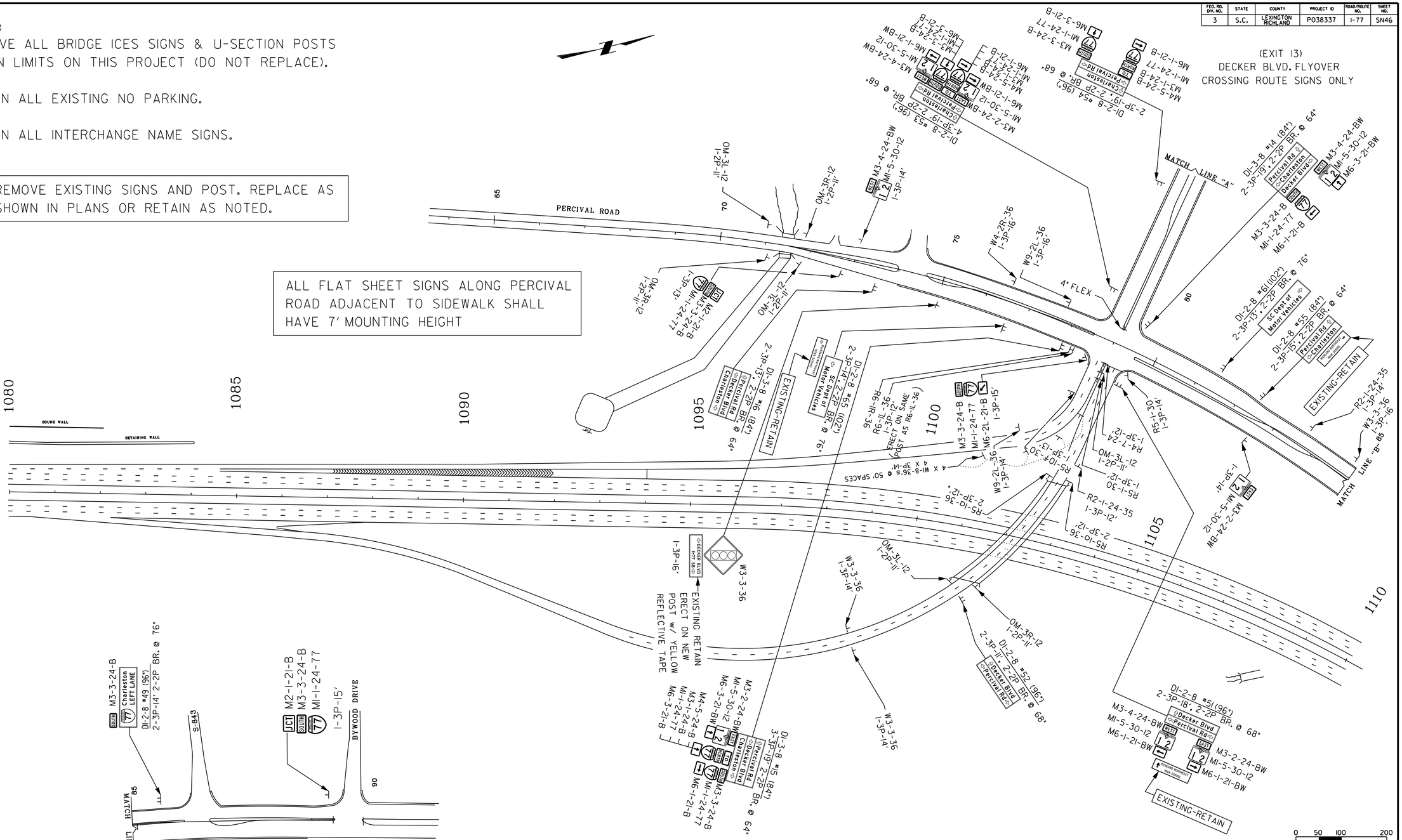
RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

REMOVE EXISTING SIGNS AND POST. REPLACE AS SHOWN IN PLANS OR RETAIN AS NOTED.

ALL FLAT SHEET SIGNS ALONG PERCIVAL ROAD ADJACENT TO SIDEWALK SHALL HAVE 7' MOUNTING HEIGHT

(EXIT 13)
DECKER BLVD. FLYOVER
CROSSING ROUTE SIGNS ONLY



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HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

SOUTH CAROLINA HDR ENGINEERING INC. OF THE CAROLINAS No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. KEENE 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
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TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____

PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

PLAN SHEET

I-77 DWG. NO. SN46

1/10/2020
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FED. RD. DIV. NO.	ST. TE	COUNTY	PROJECT ID	RD. O/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHL. MD	P038337	I-77	SN47

NOTE:
REMOVE ALL BRIDGE ICES SIGNS & U-SECTION POSTS WITHIN LIMITS ON THIS PROJECT (DO NOT REPLACE).

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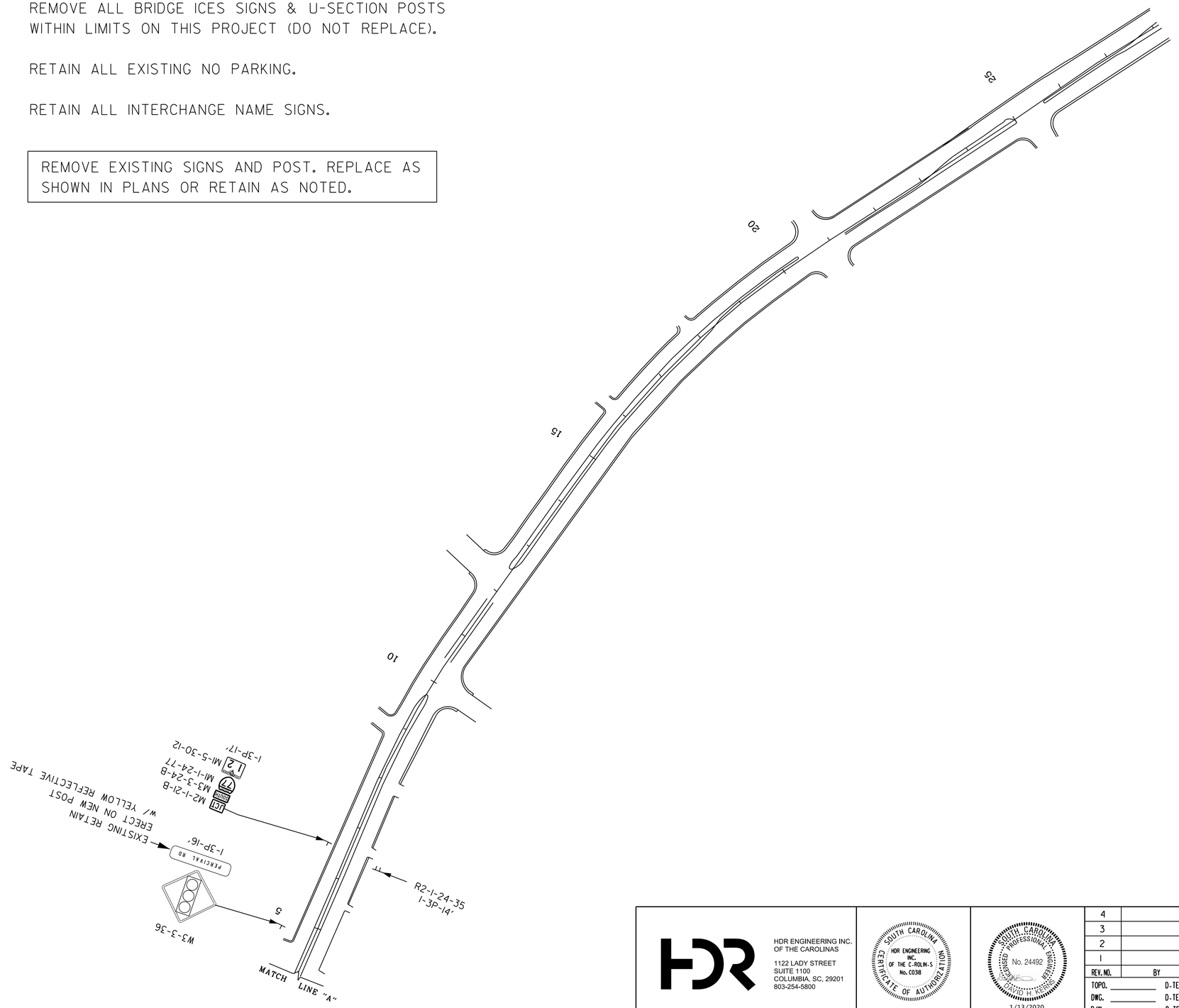
RETAIN ALL INTERCHANGE NAME SIGNS.

REMOVE EXISTING SIGNS AND POST. REPLACE AS SHOWN IN PLANS OR RETAIN AS NOTED.

(EXIT 13)
DECKER BLVD. FLYOVER
CROSSING ROUTE SIGNS ONLY



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HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE C-ROLIN-S No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 JOHN H. WEST 1/13/2020

REV. NO.	BY	D-TE	DESCRIPTION OF REVISION
4			
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TOPO. _____ D-TE _____
DWG. _____ D-TE _____
R/W _____ D-TE _____

PL-N SC-LE I" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

PLAN SHEET

I-77 DWG. NO. SN47

1/10/2020
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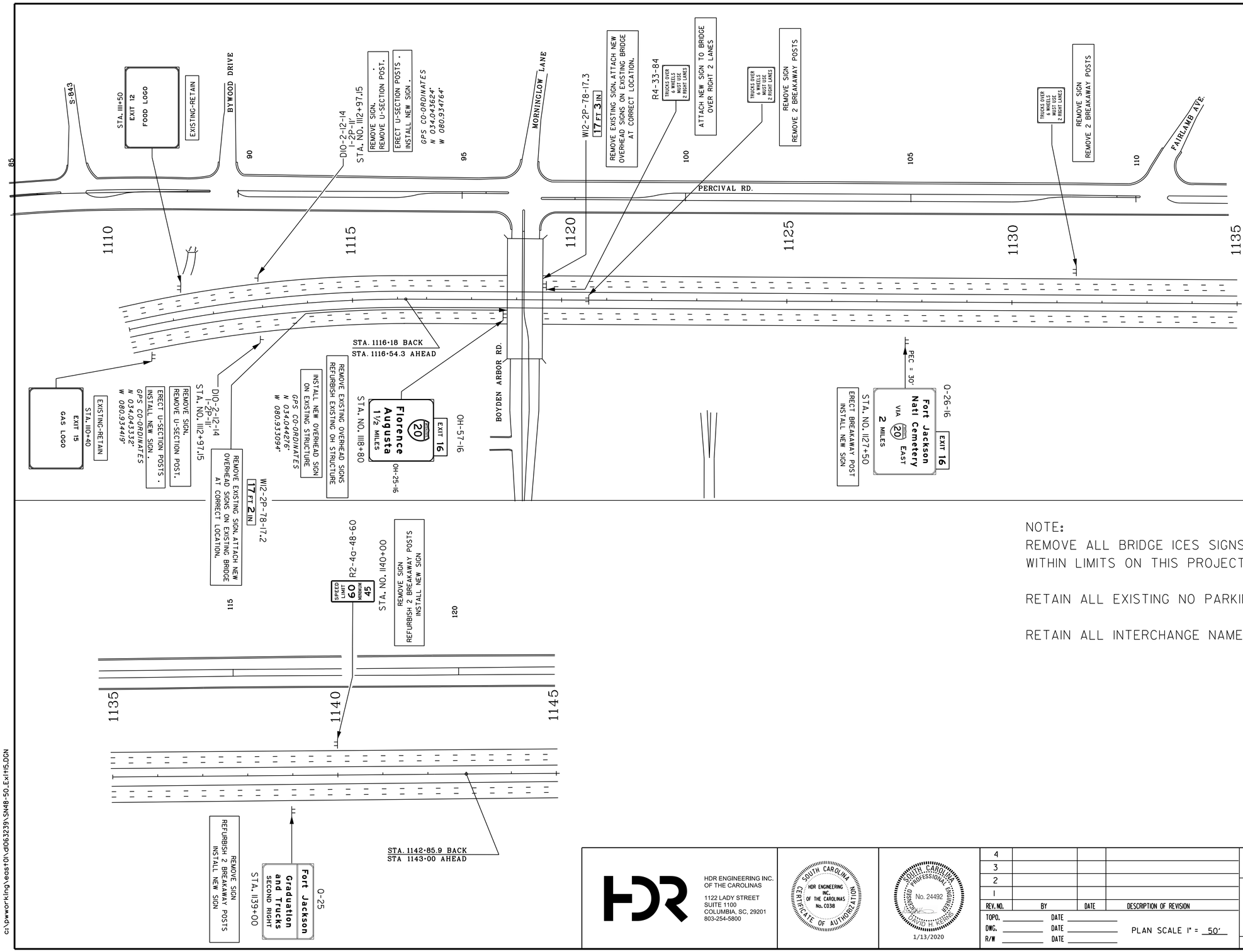
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN48

I-77 MAINLINE



NOTE:
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RETAIN ALL EXISTING NO PARKING.

RETAIN ALL INTERCHANGE NAME SIGNS.

0 50 100 200

1/10/2020
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HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE CAROLINAS No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. KEELE
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
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TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____
PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING

PLAN SHEET

I-77 DWG. NO. SN48

DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN49

(EXIT 15)
SC 12 PERCIVAL RD
MAINLINE SIGNS ONLY

M3-3-30-B
M-1-36-77
REMOVE SIGN.
REMOVE U-SECTION POST.
ERECT U-SECTION POSTS -
INSTALL NEW SIGN -
1-3P-16'
125
PEC-20'
1145
W4-2A-48
2'-3P-12'
REMOVE SIGN
REMOVE U-SECTION POSTS
ERECT 2'-3P-12' POST
INSTALL NEW SIGN
1150
130
1155
OM-3L-12
REMOVE SIGN.
REMOVE U-SECTION POST.
ERECT U-SECTION POSTS -
INSTALL NEW SIGN -
1-2P-11'
1160
OM-3R-12
REMOVE SIGN.
REMOVE U-SECTION POST.
ERECT U-SECTION POSTS -
INSTALL NEW SIGN -
1-2P-11'
W8-16-36
REMOVE SIGN.
REMOVE U-SECTION POSTS -
ERECT U-SECTION POSTS -
INSTALL NEW SIGN -
1-3P-14'
GPS COORDINATES
N 034.054400'
W 080.923190'
D10-2-12-15
1-2P-11' II65+26.75
STA. NO. II65+26.75
REMOVE SIGN.
REMOVE U-SECTION POST.
ERECT U-SECTION POSTS -
INSTALL NEW SIGN -
1-2P-11'
THICK SLAB
TRUCKS USE
RIGHT LANE
2 RIGHT LANES
RETAIN SIGN
RETAIN POSTS
1165
0-6S
Columbia
CITY LIMITS
STA. NO. II61+00
EXISTING RETAIN
PEC-16'
RETAINING WALL
RETAINING WALL
GPS COORDINATES
N 034.053719'
W 080.923707'
EXIT 15
W
RETAIN SIGN
RETAIN POSTS
W13-2-48-20
REMOVE SIGN.
REMOVE U-SECTION POST.
RETAIN SIGN
RETAIN POSTS
1170
1175
EXIT 12
Percival Road
RETAIN SIGN
RETAIN POSTS
GPS COORDINATES
N 034.053547'
W 080.922647'
EXIT 15B
RETAIN SIGN
RETAIN POSTS
GPS COORDINATES
N 034.053240'
W 080.922661'
D10-2-12-15
1-2P-11' II65+26.75
STA. NO. II65+26.75
REMOVE SIGN.
REMOVE U-SECTION POST.
ERECT U-SECTION POSTS -
INSTALL NEW SIGN -
W13-2-48-20
REMOVE SIGN.
REMOVE U-SECTION POST.
140
145
150
DREXEL LAKE RD.
W13-2-48-20
ERECT NEW SIGN ON EXISTING
OVERHEAD UPRIGHT.
OM-3L-12
REMOVE SIGN.
REMOVE U-SECTION POST.
ERECT U-SECTION POSTS -
INSTALL NEW SIGN -
1-2P-11'
OM-3R-12
REMOVE SIGN.
REMOVE U-SECTION POST.
ERECT U-SECTION POSTS -
INSTALL NEW SIGN -
1-2P-11'
REMOVE 2 BREAKAWAY POSTS
REMOVE SIGN
END PAVED RESTRICTION
M025-15A
EXIT 15A
GPS COORDINATES
N 034.050097'
W 080.924025'
STA. NO. II52+20
REMOVE SIGN
REMOVE SQ TUBING POSTS
ERECT BREAKAWAY POST
INSTALL NEW SIGN
RETAIN OVERHEAD STRUCTURE
GPS CO-ORDINATES
N 034.049349'
W 080.923543'
EXIT 15B WEST
Percival Rd
1/4 MILE
EXIT 15A EAST
Percival Road
Florence
Augusta
3/4 MILE
EXIT 16
RETAIN SIGNS
RETAIN OVERHEAD STRUCTURE
GPS CO-ORDINATES
N 034.052949'
W 080.922688'
EXIT 15B WEST
Percival Road

0 50 100 200

1/10/2020
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HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE CAROLINAS No. C0318 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. YOUNG 1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
2			
1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____
PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

I-77 RESIGNING
PLAN SHEET

I-77 DWG. NO. SN49

DocuSign Envelope ID: 95D8064E-EA03-40DE-9669-8CA8F7CB0658

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROAD/ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON RICHLAND	P038337	I-77	SN50

(EXIT 15)
SC 12 PERCIVAL RD
CROSSING ROUTE SIGNS ONLY

1/10/2020
c:\pw working\east01\d063239\SN48-50_Exit15.DGN

HDR ENGINEERING INC.
OF THE CAROLINAS
1122 LADY STREET
SUITE 1100
COLUMBIA, SC, 29201
803-254-5800

HDR ENGINEERING INC. OF THE CAROLINAS No. C038 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 24492 DAVID H. KEENE
1/13/2020

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
4			
3			
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1			

TOPO. _____ DATE _____
DWG. _____ DATE _____
R/W _____ DATE _____
PLAN SCALE 1" = 50'

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.
I-77 RESIGNING
PLAN SHEET

I-77 DWG. NO. SN50