

**CONTRACT PLANS COMPONENTS**

- ROADWAY
- SIGNING AND PAVEMENT MARKING
- SIGNALIZATION
- LIGHTING
- STRUCTURES
- UTILITY WORK BY HIGHWAY CONTRACTOR PLANS

**INDEX OF SIGNING AND PAVEMENT MARKING PLANS**

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2	SIGNATURE SHEET
S-3	GENERAL NOTES
S-4 - S-10	SIGNING AND PAVEMENT MARKING PLANS
S-11 - S-15	GUIDE SIGN WORKSHEETS

**GOVERNING STANDARD PLANS:**

Florida Department of Transportation, FY 2026-27 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

**GOVERNING STANDARD SPECIFICATIONS:**

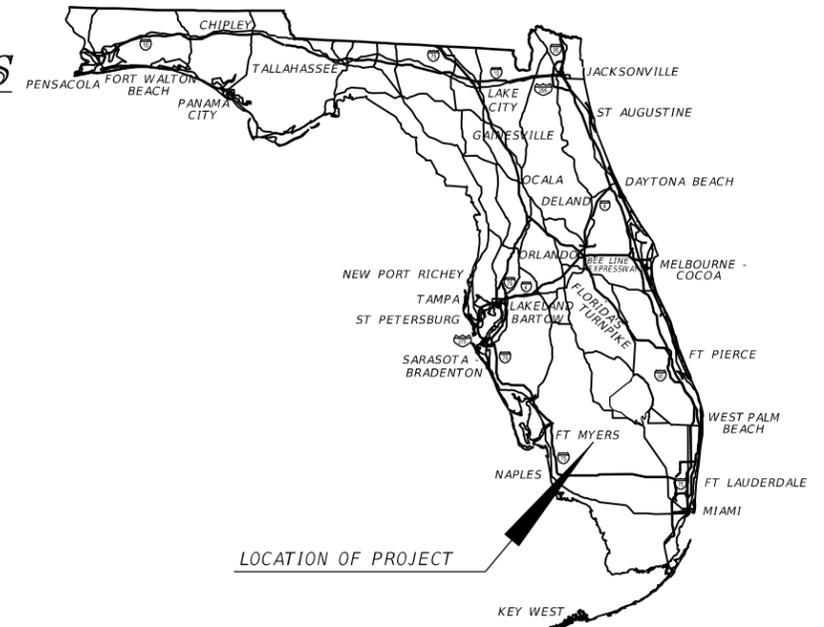
Florida Department of Transportation, FY 2026-27 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

*STATE OF FLORIDA*  
**DEPARTMENT OF TRANSPORTATION**  
**SIGNING AND PAVEMENT MARKING PLANS**

FINANCIAL PROJECT ID 417540-5-52-01  
(FEDERAL FUNDS)

COLLIER COUNTY (03080)  
STATE ROAD NO. 29  
NEW ROAD CONSTRUCTION  
FROM CR 846 E TO NORTH OF NEW MARKET ROAD W

PROJECT LOCATION URL:	<a href="https://tinyurl.com/32wcxxfc">https://tinyurl.com/32wcxxfc</a>
PROJECT LIMITS:	BEGIN MP 36.600 - END MP 40.254
EXCEPTIONS:	NONE
BRIDGE LIMITS:	NONE
RAILROAD CROSSING:	NONE



PHASE IIIR  
DECEMBER 31, 2025

**SIGNING AND PAVEMENT MARKING PLANS  
ENGINEER OF RECORD:**

GERALDO J. SANCHEZ, P.E.  
P.E. LICENSE NUMBER 74538  
PATEL, GREENE & ASSOCIATES, LLC  
122 W. PINE STREET, SUITE 201  
ORLANDO, FL 32801  
(407) 720-7420  
CONTRACT NO.: CA417  
VENDOR NO.: F452209743-001

**FDOT PROJECT MANAGER:**

SEAN PUGH, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
TBD	27	S-1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



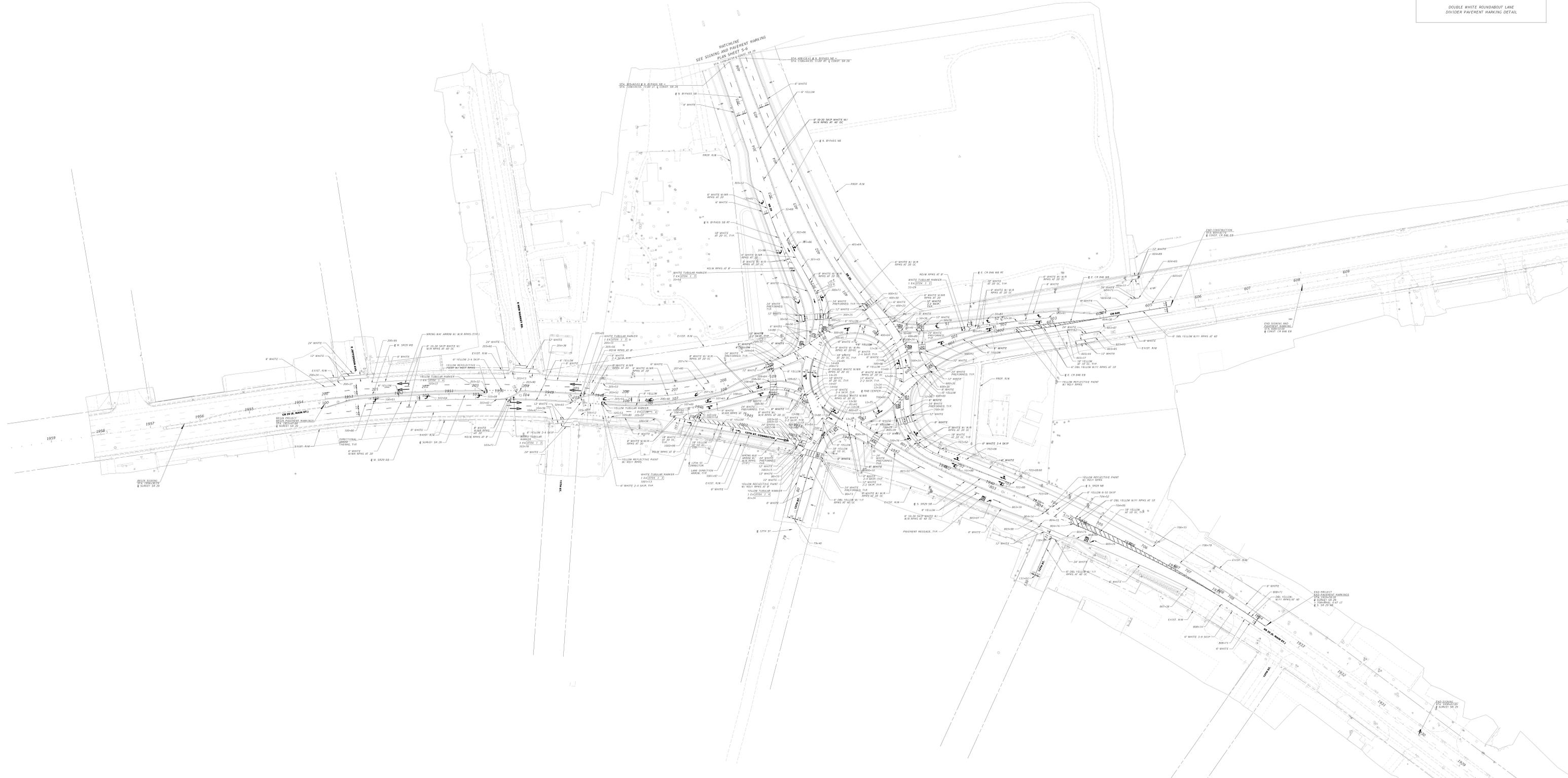
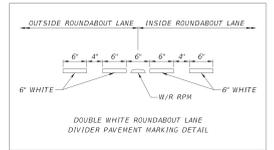
GENERAL NOTES:

1) ALL ABBREVIATIONS CORRESPOND TO THE FOLLOWING DEFINITIONS:

- DBL = DOUBLE
- OT = OTHER SURFACES
- OG = OPEN GRADED ASPHALT SURFACES
- REFL YEL NOSE PT = REFLECTIVE YELLOW NOSE PAINT
- RPMS = RETRO-REFLECTIVE PAVEMENT MARKERS
- W/R = WHITE/RED
- WHT= WHITE
- Y/Y = YELLOW/YELLOW
- YEL = YELLOW
- PRE = PREFORMED THERMOPLASTIC

- 2) ALL SIGNS MOUNTED OVER SIDEWALKS SHALL HAVE A VERTICAL CLEARANCE OF EIGHT FEET (8') STANDARD.
- 3) UNLESS OTHERWISE NOTED ON PLAN SHEETS, ALL CROSSWALKS ACROSS MAJOR STREET SHALL BE TEN FEET (10') IN WIDTH AND ALL CROSSWALKS ACROSS SIDE STREET SHALL BE SIX FEET (6') IN WIDTH. MEASUREMENTS SHALL BE FROM INSIDE TO INSIDE OF 12" STRIPES.
- 4) REFERENCE THE ROADWAY GENERAL NOTES FOR LIST OF UTILITY OWNERS.
- 5) ANY EXISTING SIGNS WITHIN THE PROJECT LIMITS ARE TO REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.
- 6) ALL PAVEMENT MARKINGS ARE THERMOPLASTIC UNLESS OTHERWISE NOTED IN PLANS.

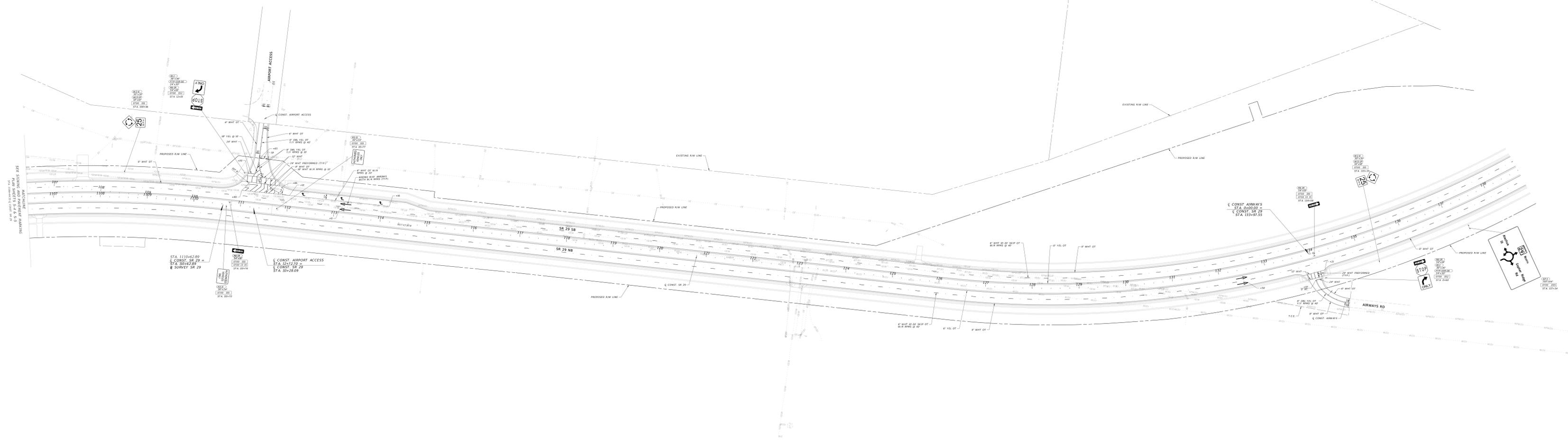
REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	GERALDO J. SANCHEZ, P.E. LICENSE NUMBER: 74538 PATEL, GREENE & ASSOCIATES, LLC 122 W. PINE STREET, SUITE 201 ORLANDO, FL 32801	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 29	COLLIER	417540-5-52-01		S-3



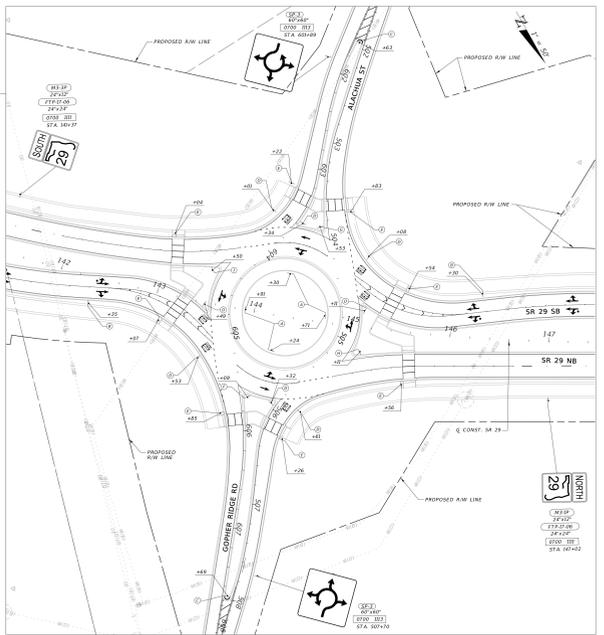
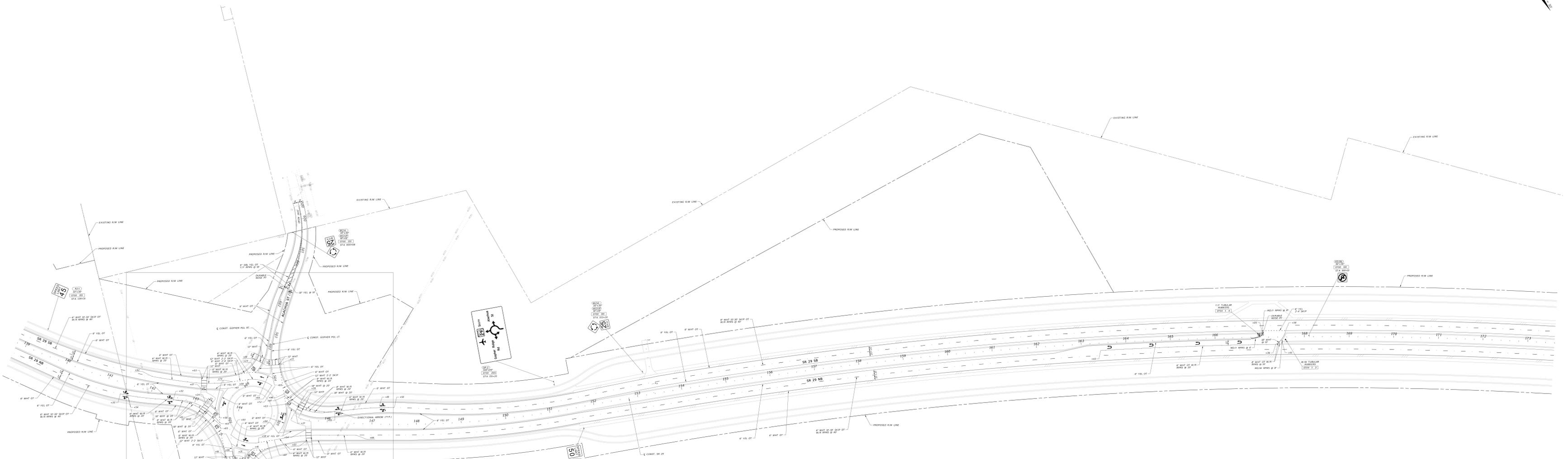
END OFFICIAL RECORD OF THIS SHEET IS THE EXPIRATION OF THE CONTRACT UNDER WHICH IT WAS PREPARED. UNDER TITLE 48-2-2104, F.A.C.	ENGINEER OF RECORD JOHN R. GUNDA, P.E. LICENSE NUMBER: 61008 DATE OF EXPIRATION: 6/30/2018 200 S. FRENCH BLVD., STE. 100 TAMPA, FLORIDA 33606	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT NO. 13 COUNTY: TAMPA COLLECTOR: 07548-5-12-01	SIGNING AND PAVEMENT MARKING PLAN SHEET NO. 54
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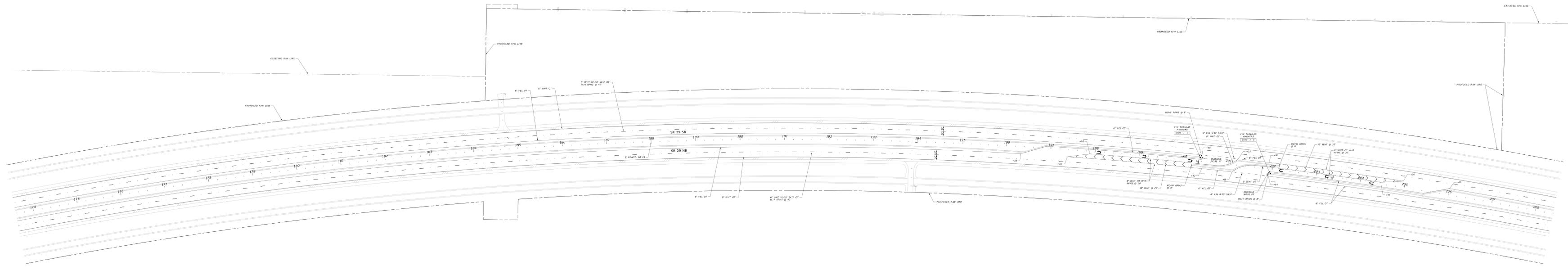


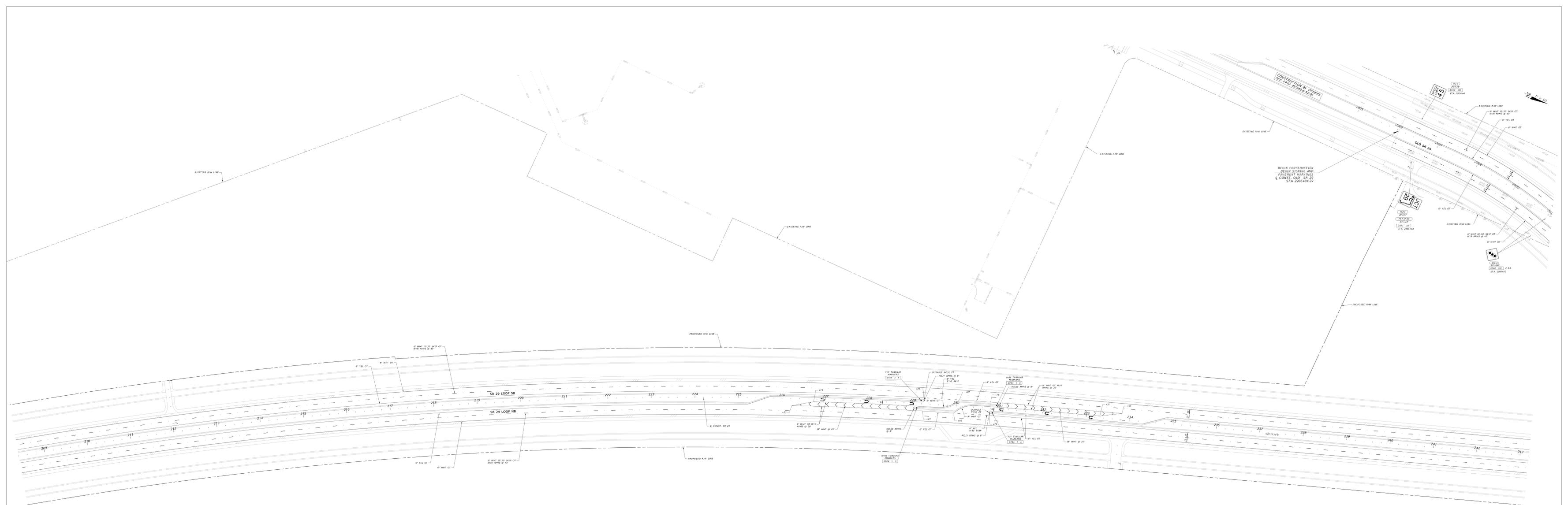
1" = 50'

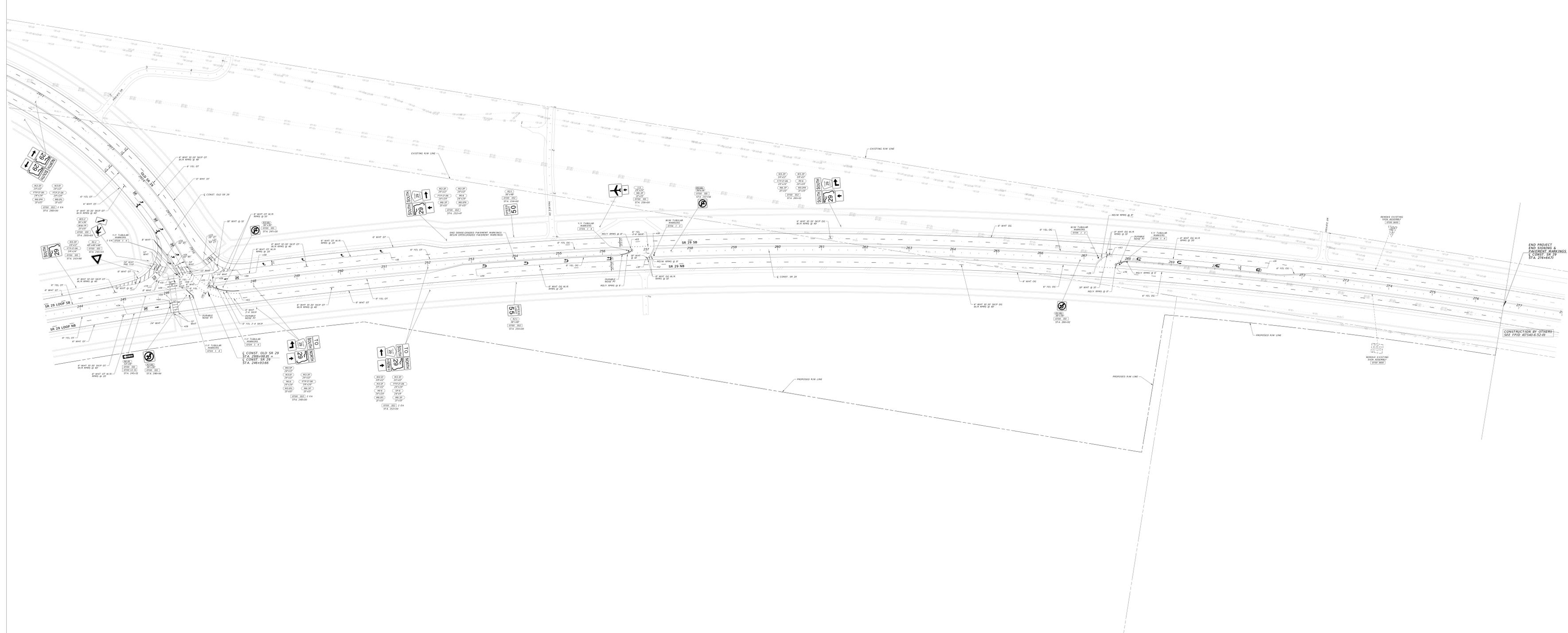


AS SHOWN NOTWITHSTANDING THE ABOVE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTING R/W LINE AND ANY CHANGES THEREOF.







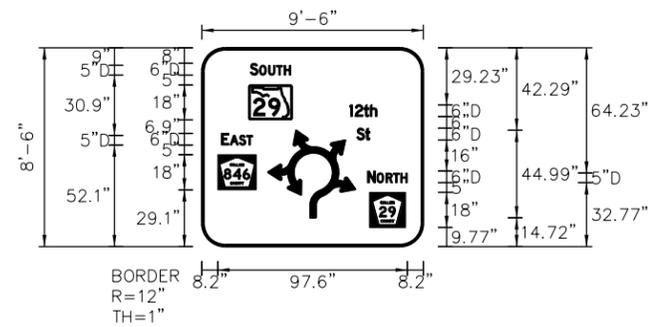


END PROJECT  
END SIGNING &  
PAVEMENT MARKINGS  
E CONST SR 29  
STA 276+42.71

CONSTRUCTION BY OTHERS  
SEE EPIID 47245-6-52.01



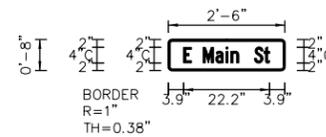
SIGN NAME	GS-5	QTY	1	SIGN NUMBER		STATION(S)	
PANEL	BORDER					305+80	
WIDTH	9'-6"	WIDTH	1"				
HEIGHT	8'-6"	RADII	12"				
LEGEND	White	COLOR	White				
COLOR	Green						
SYMBOL(S)	ANGLE	X	Y	WID	HT		
F2B_2	0	444.29	354	22.5	18		
FTP296	0	428.47	318.11	19.8	18		
_AIM_5_Leg_RA	0	454.27	303.68	44.99	44.99		
FTP295	0	506.56	298.73	18.45	18		
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH			



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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COPY	S	O	U	T	H	L													
SPACE	445.11	4.08	0.72	4.65	4.15	3.85	3.4	258.52	20.85										
COPY	1	2	t	h	L														
SPACE	496.27	2.82	4.74	3.06	3.54	214.05	14.16												
COPY	S	t	L																
SPACE	499.93	4.44	2.4	217.71	6.84														
COPY	E	A	S	T	L														
SPACE	430.37	3.72	0.72	4.65	3.8	3.1	278.12	15.99											
COPY	N	O	R	T	H	L													
SPACE	505.53	4.08	0.72	4.65	3.8	3.85	3.4	198.45	20.5										
COPY																			
SPACE																			

SIGN NAME	GS-7	QTY	1	SIGN NUMBER		STATION(S)	
PANEL	BORDER					209+58	
WIDTH	2'-6"	WIDTH	0.38"				
HEIGHT	0'-8"	RADII	1"				
LEGEND	Yellow	COLOR	Yellow				
COLOR	Blue						
SYMBOL(S)	ANGLE	X	Y	WID	HT		
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH			



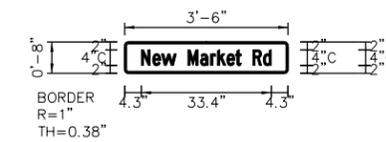
NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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COPY	E	M	a	i	n	S	t	L											
SPACE	3.92	2.04	3	3.24	2.6	1.28	2.04	4	2.52	1.44	3.92	22.16							
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD  
 ADAM R. AGUILA, P.E.  
 LICENSE NUMBER: 76008  
 AIM ENGINEERING & SURVEYING, INC.  
 201 E. KENNEDY BLVD., STE. 1800  
 TAMPA, FLORIDA 33602

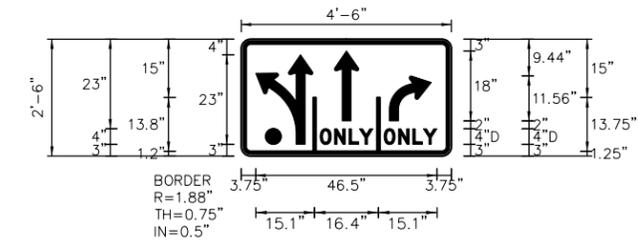
SIGN NAME	GS-6	QTY	3	SIGN NUMBER		STATION(S)	
PANEL	BORDER					1953+47	
WIDTH	3'-6"	WIDTH	0.38"			204+34	
HEIGHT	0'-8"	RADII	1"			209+08	
LEGEND	Yellow	COLOR	Yellow				
COLOR	Blue						
SYMBOL(S)	ANGLE	X	Y	WID	HT		
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH			



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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COPY	N	e	w	M	a	r	k	e	t	R	d	L							
SPACE	4.28	8.96		3	13.72					3	4.76	4.28	33.44						
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			

SIGN NAME	GS-8	QTY	2	SIGN NUMBER		STATION(S)	
PANEL	BORDER					303+12	
WIDTH	4'-6"	WIDTH	0.75"			303+12	
HEIGHT	2'-6"	RADII	1.88"				
LEGEND	Black	COLOR	Black				
COLOR	White						
SYMBOL(S)	ANGLE	X	Y	WID	HT		
AR_Thru	0	23.92	9	6.25	18		
AR_Right	0	38.11	9	10.78	11.56		
AR_Thru_Left	0	3.73	3	14.62	23		
RA_Dot	0	6.24	3	4	4		
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH			



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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COPY	O	N	L	Y	L														
SPACE	20.27	13.56			20.17	13.56													
COPY																			
SPACE	36.72	13.56			3.72	13.56													
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			

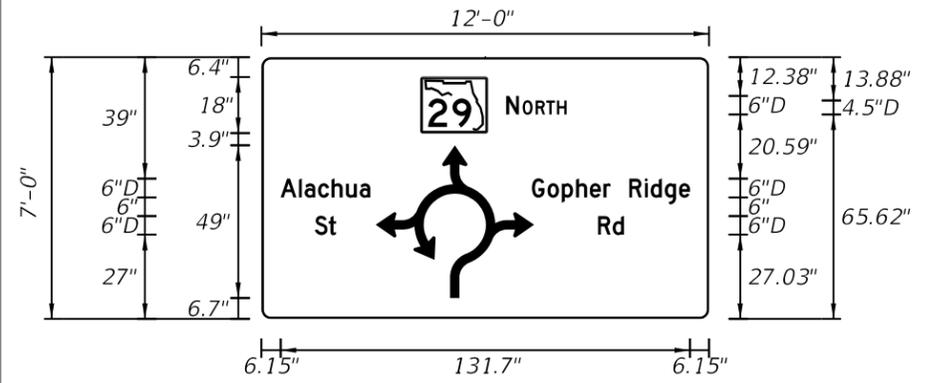
STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
 ROAD NO. COUNTY FINANCIAL PROJECT ID  
 SR 29 COLLIER 417540-5-52-01

GUIDE SIGN  
 WORKSHEETS  
 SHEET NO. 5-12

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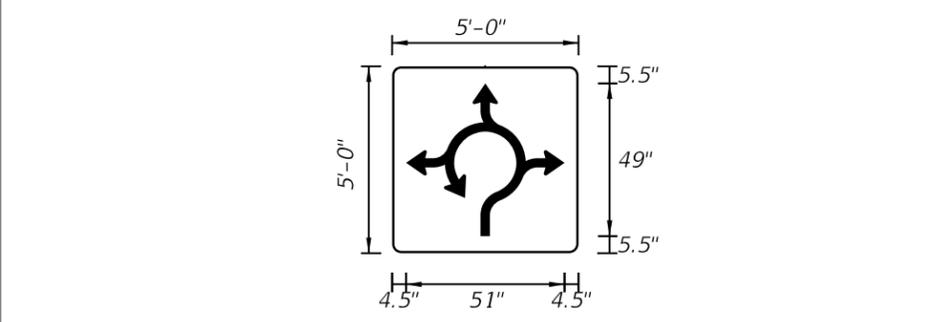
SIGN NAME	SP-1	QTY	1	SIGN NUMBER	STATION(S)
PANEL	BORDER				137+34
WIDTH	12'-0"	WIDTH	0.75"		
HEIGHT	7'-0"	RADII	3"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
F2B_2B	0	51.1	59.6	21.6	18
AR_ROUNDABOUT	0	36.7	6.7	49	51
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge of Lane	COLUMN SIZE	AVERAGE LENGTH	
SP-1	2	21'	W8X18	14.53'	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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COPY		N	O	R	T	H	L													
SPACE	78.7	4.1	1.2	4.2	3.4	3.5	3.1	45.9	19.4											
COPY		A	I	a	c	h	u	a	L											
SPACE	6.1	5.9	1.9	4.3	4.3	4.6	4.4	3.4	109	28.9										
COPY		G	o	p	h	e	r	R	i	d	g	e	L							
SPACE	87	5	4.6	4.6	4.4	4.4	2.3	6	5	1.9	4.6	3.5	6.1	50.9						
COPY		S	t	L																
SPACE	17.2	4.4	2.4	120	6.8															
COPY		R	d	L																
SPACE	108.2	4.7	3.6	27.4	8.3															
COPY																				
SPACE																				

SIGN NAME	SP-3	QTY	2	SIGN NUMBER	STATION(S)
PANEL	BORDER				507+16
WIDTH	5'-0"	WIDTH	0.75"		601+65
HEIGHT	5'-0"	RADII	3"		
LEGEND		COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
AR_ROUNDABOUT	0	4.5	5.5	49	51
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge of Lane	COLUMN SIZE	AVERAGE LENGTH	

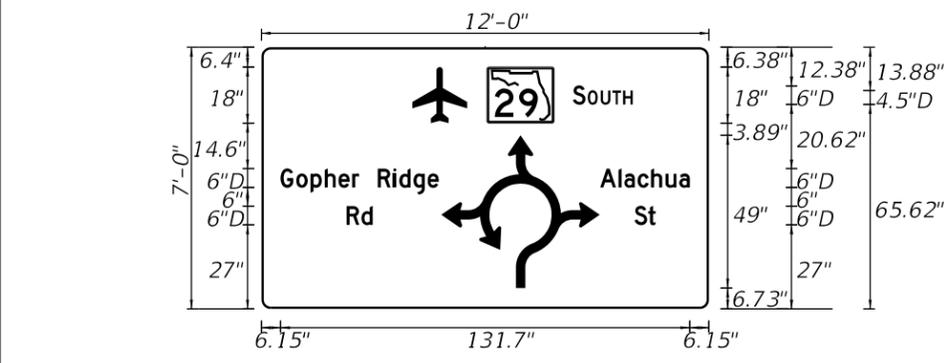


NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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COPY																				
SPACE																				
COPY																				
SPACE																				
COPY																				
SPACE																				
COPY																				
SPACE																				
COPY																				
SPACE																				

REVISIONS				ENGINEER OF RECORD			
DATE	DESCRIPTION	DATE	DESCRIPTION	GERALDO J. SANCHEZ, P.E. LICENSE NUMBER: 74538 PATEL, GREENE & ASSOCIATES, LLC 122 W. PINE STREET, SUITE 201 ORLANDO, FL 32801			

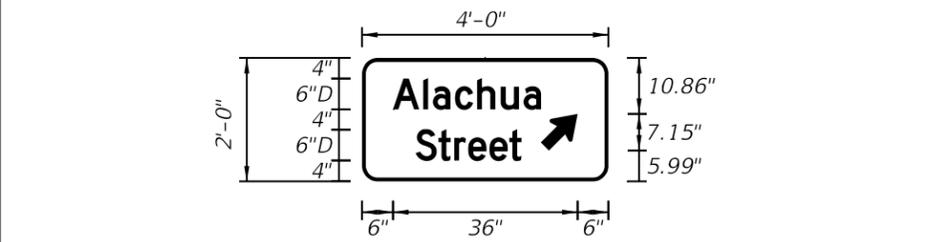
SIGN NAME	SP-2	QTY	1	SIGN NUMBER	STATION(S)
PANEL	BORDER				151+20
WIDTH	12'-0"	WIDTH	0.75"		
HEIGHT	7'-0"	RADII	3"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
Airport	0	48.6	59.6	17.6	18
F2B_2B	0	72.6	59.6	21.6	18
AR_ROUNDABOUT	0	57.9	6.7	49	51
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge of Lane	COLUMN SIZE	AVERAGE LENGTH	
SP-2	2	23.8'	W8X18	15.03'	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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COPY		S	O	U	T	H	L													
SPACE	100.2	105	109.2	112.9	116.4		19.3													
COPY		G	o	p	h	e	r	R	i	d	g	e	L							
SPACE	6.2	11.2	15.8	20.4	24.8	29.2	31.5	37.5	42.5	44.4	48.9	53.5	50.9							
COPY		A	I	a	c	h	u	a	L											
SPACE	109	114.9	116.7	121	125.4	130	134.4	28.9												
COPY		R	d	L																
SPACE	27.4	32.2	8.3																	
COPY		S	t	L																
SPACE	120	124.4	6.8																	
COPY																				
SPACE																				

SIGN NAME	SP-4	QTY	1	SIGN NUMBER	STATION(S)
PANEL	BORDER				144+58
WIDTH	4'-0"	WIDTH	0.75"		
HEIGHT	2'-0"	RADII	3"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
AR_Type D	315	34.8	6	6	9
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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COPY		A	I	a	c	h	u	a	L											
SPACE	6	5.9	1.9	4.3	4.3	4.6	4.4	3.4	13.1	28.9										
COPY		S	t	r	e	e	r	L												
SPACE	10.4	4.4	3.1	2.8	4.1	3.8	2.4	16.9	20.6											
COPY																				
SPACE																				
COPY																				
SPACE																				
COPY																				
SPACE																				

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
ROAD NO.	COUNTY	FINANCIAL PROJECT ID	GUIDE SIGN WORKSHEET
SR 29	COLLIER	417540-5-52-01	
			5-14

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