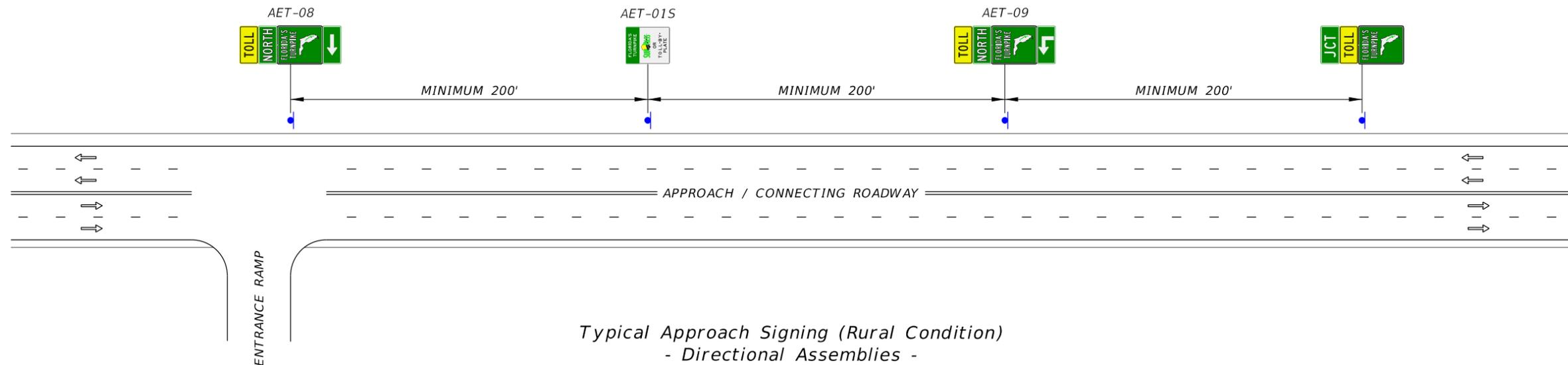


Typical Approach Signing (Urban Condition)
- Entrance Direction Guide Signs -

N.T.S.



Typical Approach Signing (Rural Condition)
- Directional Assemblies -

N.T.S.

NOTES:

1. MINIMUM SPACING DISTANCES FOR SIGNS TO CONFORM TO THE TRAFFIC ENGINEERING MANUAL, AND F.A.C. RULE CHAPTER 14-51, TABLE 1.
2. LEGENDS/MESSAGES SHOWN ON SIGNS AET-04 ARE PROVIDED AS AN EXAMPLE ONLY. ACTUAL DESIGNS SHALL BE SHOWN IN THE PLANS.

\$DATE\$

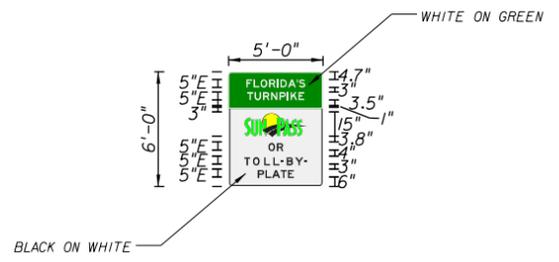
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

ALL ELECTRONIC TOLLING
CONNECTING ROADWAYS
TYPICAL SIGNING LAYOUT

SHEET NO.
102-1

SIGN NAME	AET-OIS	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH 5'-0"	WIDTH 1.25"				
HEIGHT 6'-0"	RADII 6"				
LEGEND Black	COLOR Black				
COLOR White					
SYMBOL(S)	ANGLE	X	Y	WID	HT
SP_LOGO	0	10.1	31.8	39.8	15
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	

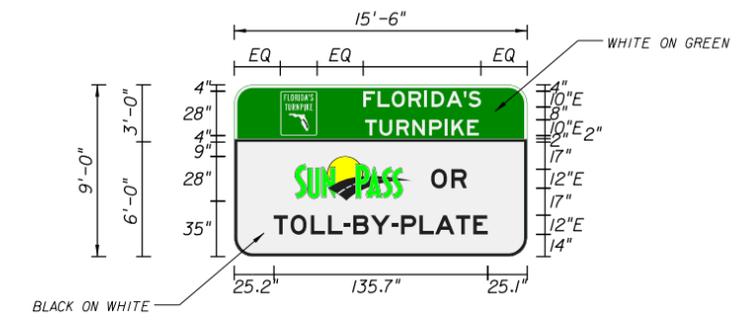


SIDE STREET APPLICATIONS

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	F	L	O	R	I	D	A	'	S	L		
SPACE	11.2	4.6	4.5	5.4	5.1	2.2	4.8	5.5	1.5	4.1	11.1	37.7
COPY	T	U	R	N	P	I	K	E	L			
SPACE	11.8	4.6	5.4	5.1	5.4	4.9	2.2	5	3.8	11.8	36.4	
COPY	O	R	L									
SPACE	25.3	5.4	4.1	25.2	9.5							
COPY	T	O	L	L	-	B	Y	-	L			
SPACE	10	5.5	7.1	5.9	4.6	3.8	5.4	6	1.8	9.9	40.1	
COPY	P	L	A	T	E	L						
SPACE	18.5	4.9	4.2	5.5	4.6	3.8	18.5	23				
COPY	P	L	A	T	E	L						
SPACE												

SIGN NAME	AET-OIL	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER				
WIDTH 15'-6"	WIDTH 2"				
HEIGHT 9'-0"	RADII 12"				
LEGEND Black	COLOR Black				
COLOR White					
SYMBOL(S)	ANGLE	X	Y	WID	HT
TP_MD	0	29.3	76	23.3	28
SP_LOGO	0	38.4	35	74.7	28
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	

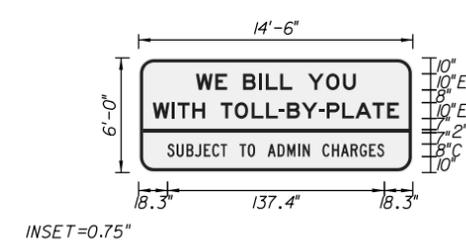


MAINLINE APPLICATIONS

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	F	L	O	R	I	D	A	'	S	L						
SPACE	81.9	9.2	8.9	10.7	10.1	4.4	9.5	11	2.9	8.1	29.3	74.8				
COPY	T	U	R	N	P	I	K	E	L							
SPACE	83	9.2	10.7	10.1	10.7	9.8	4.4	9.9	7.5	30.7	72.3					
COPY	O	R	L													
SPACE	125	12.8	9.7	38.5	22.5											
COPY	T	O	L	L	-	B	Y	-	P	L	A	T	E	L		
SPACE	25.2	10.7	12.8	11	9.8	6.1	11	13.1	6.1	11.8	10	13.2	11	9	25.2	135.6
COPY	P	L	A	T	E	L										
SPACE																

SIGN NAME	AET-O2S	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH 14'-6"	WIDTH 2"				
HEIGHT 6'-0"	RADII 9"				
LEGEND Black	COLOR Black				
COLOR White					
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	

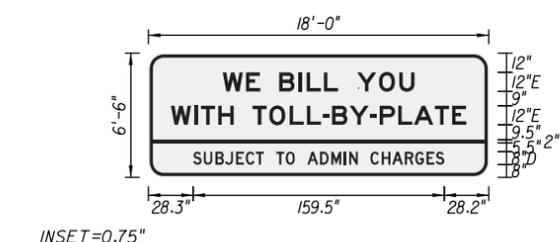


RAMP APPLICATIONS

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	W	E	B	I	L	L	Y	O	U	L											
SPACE	36.3	12.3	7.5	10	10.1	4.4	9.2	7.5	10	11.6	10.7	8.1	36.3	101.4							
COPY	W	I	T	H	T	O	L	L	-	B	Y	-	P	L	A	T	E	L			
SPACE	8.9	12.3	3.5	9.2	8.1	10	8.9	10.7	9.2	8.2	5.1	9.2	10.9	5.1	9.8	8.3	11	9.2	7.5	8.9	156.2
COPY	S	U	B	J	E	C	T	T	O	A	D	M	I	N							
SPACE	18.3	5.8	6.2	5.2	5.8	5.3	5.4	4.1	8	5	4.7	8	6.2	6.1	7	2.9	4.5	8			
COPY	C	H	A	R	G	E	S	L													
SPACE																					

SIGN NAME	AET-O2L	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH 18'-0"	WIDTH 2"				
HEIGHT 6'-6"	RADII 9"				
LEGEND Black	COLOR Black				
COLOR White					
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



MAINLINE APPLICATIONS

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

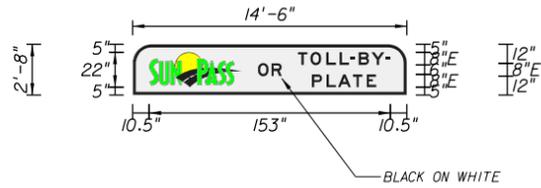
COPY	W	E	B	I	L	L	Y	O	U	L											
SPACE	47.2	14.8	9	12	12.1	5.3	11	9	12	13.9	12.8	9.7	47.2	121.7							
COPY	W	I	T	H	T	O	L	L	-	B	Y	-	P	L	A	T	E	L			
SPACE	14.3	14.8	4.2	11	9.7	12	10.7	12.8	11	9.8	6.1	11	13.1	6.1	11.8	10	13.2	11	9	14.4	187.3
COPY	S	U	B	J	E	C	T	T	O	A	D	M	I	N							
SPACE	28.3	6.8	7.4	6.1	7	6.2	6.5	5	8	6	5.7	8	8	7.2	8.2	3.2	5.4	8			
COPY	C	H	A	R	G	E	S	L													
SPACE																					

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

ALL ELECTRONIC TOLLING TOLL-BY-PLATE SIGN PANELS		SHEET NO. 103-1
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SIGN NAME	AET-04 (Top Panel)	SIGN NUMBER	STATION(S)		
PANEL	BORDER		none		
WIDTH	14'-6"	WIDTH	2"		
HEIGHT	2'-8"	RADII	12"		
LEGEND	Black	COLOR	Black		
COLOR	White				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SP_LOGO	0	10.5	5	58.7	22
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	

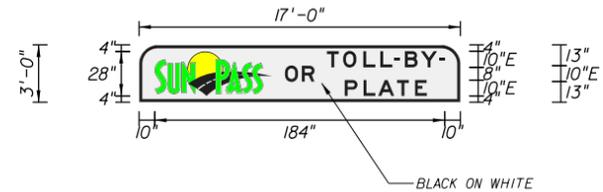


NOTES:
 1. FOR WIDER WIDTHS, LEFT & RIGHT MARGIN SHOULD MATCH INTERWORD SPACING.
 2. SIDE STREET APPLICATIONS.

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	T	O	L	L	-	B	Y	-	L		
SPACE	104.8	8	10	8.5	7	5.1	8.1	9.2	2.8	10.5	58.7
COPY	O	R	L								
SPACE	79.5	8.6	6.5	79.4	15.1						
COPY	P	L	A	T	E	L					
SPACE	113.7	9.3	7.3	9.5	8.8	6	19.4	40.9			
COPY	SPACE										
COPY	SPACE										
COPY	SPACE										

SIGN NAME	AET-06 (Top Panel)	SIGN NUMBER	STATION(S)		
PANEL	BORDER		none		
WIDTH	17'-0"	WIDTH	2"		
HEIGHT	3'-0"	RADII	12"		
LEGEND	Black	COLOR	Black		
COLOR	White				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SP_LOGO	0	10	4	74.7	28
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	

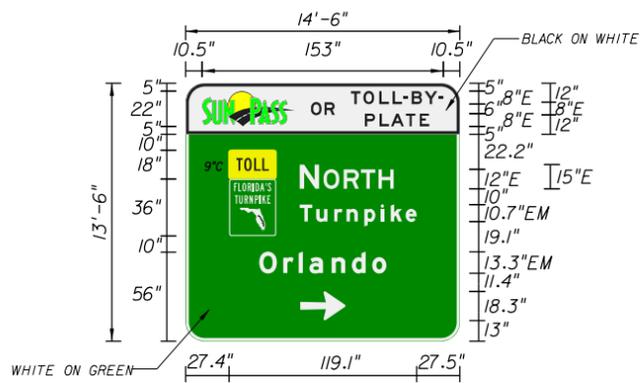


NOTES:
 1. FOR WIDER WIDTHS, LEFT & RIGHT MARGIN SHOULD MATCH INTERWORD SPACING.
 2. MAINLINE APPLICATIONS.
 3. THE SPACE BETWEEN THE SUNPASS LOGO, THE WORD "OR" AND "TOLL-BY-PLATE" SHOULD NOT BE GREATER THAN 24".

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	T	O	L	L	-	B	Y	-	L		
SPACE	119.3	10.2	12.9	10.8	8.9	6.6	10.2	11.6	3.5	10	74.7
COPY	O	R	L								
SPACE	92.6	10.7	8.1	92.6	18.8						
COPY	P	L	A	T	E	L					
SPACE	130.6	11.9	9.3	12	11.3	7.5	21.4	52			
COPY	SPACE										
COPY	SPACE										
COPY	SPACE										

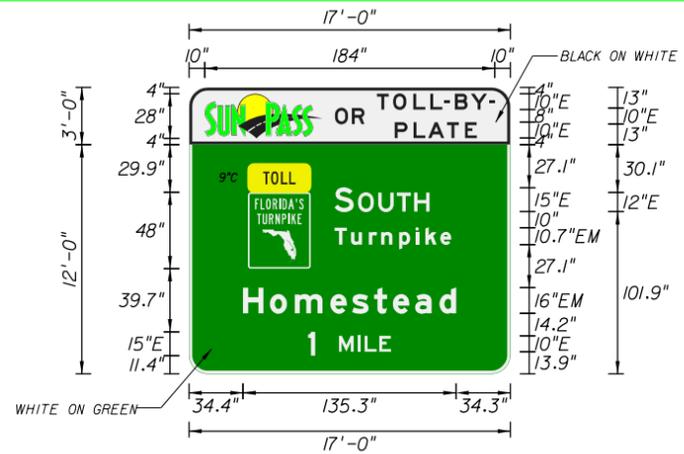
SIGN NAME	AET-04	QTY	I	SIGN NUMBER	STATION(S)
PANEL	BORDER				
WIDTH	14'-6"	WIDTH	2"		
HEIGHT	13'-6"	RADII	12"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SP_LOGO	0	10.5	135	58.7	22
M4-15_TPK	0	27.4	102	30	18
TP_SM	0	27.4	66	30	36
ARMED	0	72.6	13.1	18.3	28.7
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	T	O	L	L	-	B	Y	-	L		
SPACE	104.8	8	10	8.5	7	5.1	8.1	9.2	2.8	10.5	58.7
COPY	O	R	L								
SPACE	79.5	8.6	6.5	79.4	15.1						
COPY	P	L	A	T	E	L					
SPACE	113.7	9.3	7.3	9.5	8.8	6	19.4	40.9			
COPY	N	O	R	T	H	L					
SPACE	72.4	12.2	2.8	12.8	11	11	9.7	42.1	59.5		
COPY	T	u	r	n	p	l	k	e	L		
SPACE	72.4	10.5	11.3	7.9	11.3	10.3	6.4	9.4	7	27.5	74.1
COPY	O	r	i	a	n	d	o	L			
SPACE	46.7	15.2	9.8	6.8	14.1	12.9	12.9	9	46.6	80.7	

SIGN NAME	AET-06	QTY	I	SIGN NUMBER	STATION(S)
PANEL	BORDER				
WIDTH	17'-0"	WIDTH	2"		
HEIGHT	15'-0"	RADII	12"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SP_LOGO	0	10	148	74.7	28
TP_MD	0	37	66.1	40	48
M4-15_TPK	0	37	114.1	40	18
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	T	O	L	L	-	B	Y	-	L												
SPACE	119.3	10.2	12.9	10.8	8.9	6.6	10.2	11.6	3.5	10	74.7										
COPY	O	R	L																		
SPACE	92.6	10.7	8.1	92.6	18.8																
COPY	P	L	A	T	E	L															
SPACE	130.6	11.9	9.3	12	11.3	7.5	21.4	52													
COPY	S	O	U	T	H	L															
SPACE	92	12.1	2.8	12.8	11.8	11	9.7	51.8	60.2												
COPY	T	u	r	n	p	l	k	e	L												
SPACE	92	10.5	11.3	7.9	11.3	10.3	6.4	9.4	7	37.9	74.1										
COPY	H	o	m	e	s	t	e	a	d	L											
SPACE	34.4	17	15.8	22.6	13.8	13.9	12	14.1	15.5	10.6	34.3	135.3	75.7	4.5	15	12	4.4	9.2	7.5	75.7	52.6

DATE\$

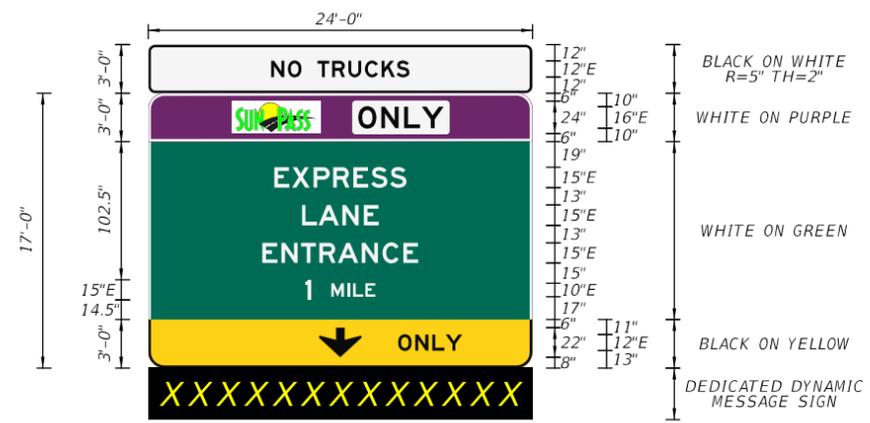
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

**ALL ELECTRONIC TOLLING
TOLL-BY-PLATE
SIGN PANELS**

SHEET NO.
103-2

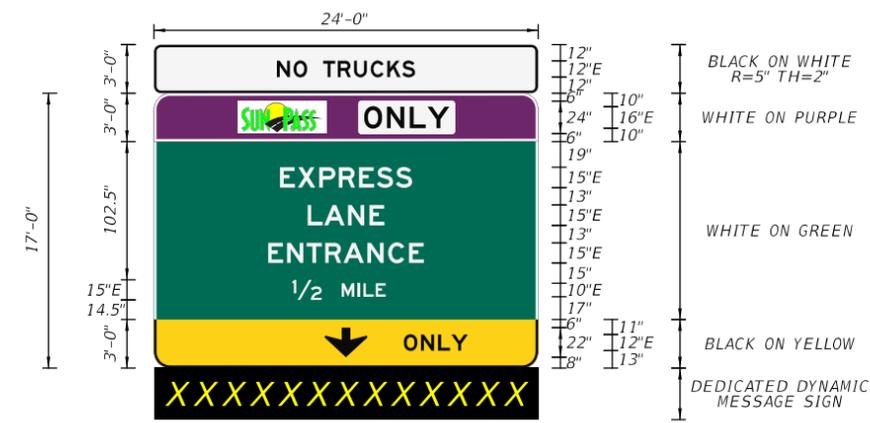
SIGN NAME	TPK-ELE4	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	24'-0"	WIDTH	2"		
HEIGHT	17'-0"	RADII	12"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SunPass	0	62.6	174	66.9	24
AROUND	0	128	8	32	22
DMS	0	0	0		
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	N	O	T	R	U	C	K	S	L							
SPACE	92.2	12.5	10.1	12	11	12.1	12.5	12.5	11.2	9.7	92.2	103.6				
COPY	O	N	L	Y	L											
SPACE	157.5	17.1	17.1	13.3	16.3	66.7	63.8									
COPY	E	X	P	R	E	S	S	L								
SPACE	94.5	13.3	16	14.7	15.1	13.4	14.2	12.2	94.5	99						
COPY	L	A	N	E	L											
SPACE	115.2	12.4	17.9	16.1	11.2	115.2	57.6									
COPY	E	N	T	R	A	N	C	E	L							
SPACE	85.6	14.3	14.7	13.8	13.8	17.9	15.6	15.6	11.3	85.6	116.9					
COPY	1	M	I	L	E	L	O	N	L	Y	L					
SPACE	117.7	4.5	15	12	4.4	9.2	7.5	117.7	52.6	187.4	12.8	12.8	10	12.2	52.8	47.9

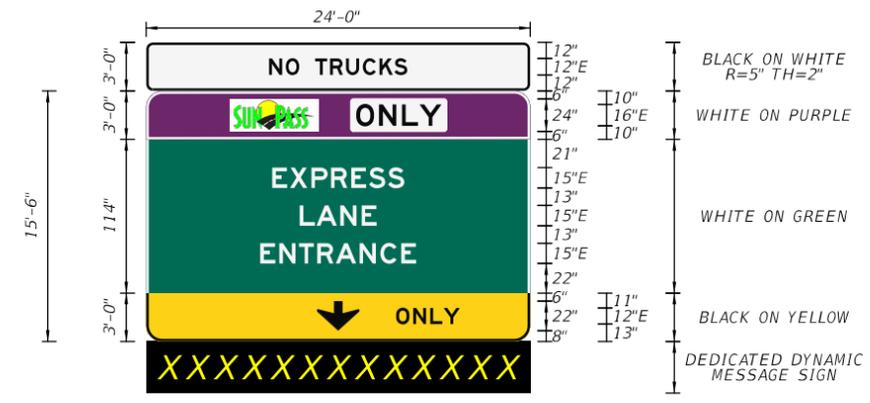
SIGN NAME	TPK-ELE5	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	24'-0"	WIDTH	2"		
HEIGHT	17'-0"	RADII	12"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SunPass	0	62.6	174	66.9	24
AROUND	0	128	8	32	22
DMS	0	0	0		
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	N	O	T	R	U	C	K	S	L							
SPACE	92.2	12.5	10.1	12	11	12.1	12.5	12.5	11.2	9.7	92.2	103.6				
COPY	O	N	L	Y	L											
SPACE	157.5	17.1	17.1	13.3	16.3	66.7	63.8									
COPY	E	X	P	R	E	S	S	L								
SPACE	94.5	13.3	16	14.7	15.1	13.4	14.2	12.2	94.5	99						
COPY	L	A	N	E	L											
SPACE	115.2	12.4	17.9	16.1	11.2	115.2	57.6									
COPY	E	N	T	R	A	N	C	E	L							
SPACE	85.6	14.3	14.7	13.8	13.8	17.9	15.6	15.6	11.3	85.6	116.9					
COPY	1/2	M	I	L	E	L	O	N	L	Y	L					
SPACE	109	22	14.9	12	4.4	9.2	7.5	109	70.1	187.4	12.8	12.8	10	12.2	52.8	47.9

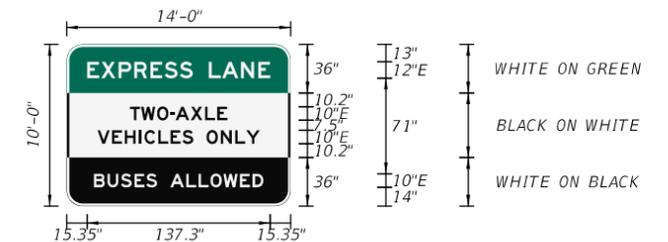
SIGN NAME	TPK-ELE6	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	24'-0"	WIDTH	2"		
HEIGHT	15'-6"	RADII	12"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SunPass	0	62.6	156	66.9	24
AROUND	0	128	8	32	22
DMS	0	0	0		
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	N	O	T	R	U	C	K	S	L			
SPACE	92.2	12.5	10.1	12	11	12.1	12.5	12.5	11.2	9.7	92.2	103.6
COPY	O	N	L	Y	L							
SPACE	157.5	17.1	17.1	13.3	16.3	66.7	63.8					
COPY	E	X	P	R	E	S	S	L				
SPACE	94.5	13.4	16	14.7	15.1	13.3	14.2	12.2	94.5	99		
COPY	L	A	N	E	L							
SPACE	115.2	12.4	17.9	16.1	11.2	115.2	57.6					
COPY	E	N	T	R	A	N	C	E	L			
SPACE	85.6	14.3	14.7	13.8	13.8	17.9	15.6	15.6	11.3	85.6	116.9	
COPY	O	N	L	Y	L							
SPACE	187.4	12.8	12.8	10	12.2	52.8	47.9					

SIGN NAME	TPK-ELE7	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	14'-0"	WIDTH	2"		
HEIGHT	10'-0"	RADII	12"		
LEGEND	Black	COLOR	Black		
COLOR	White				
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

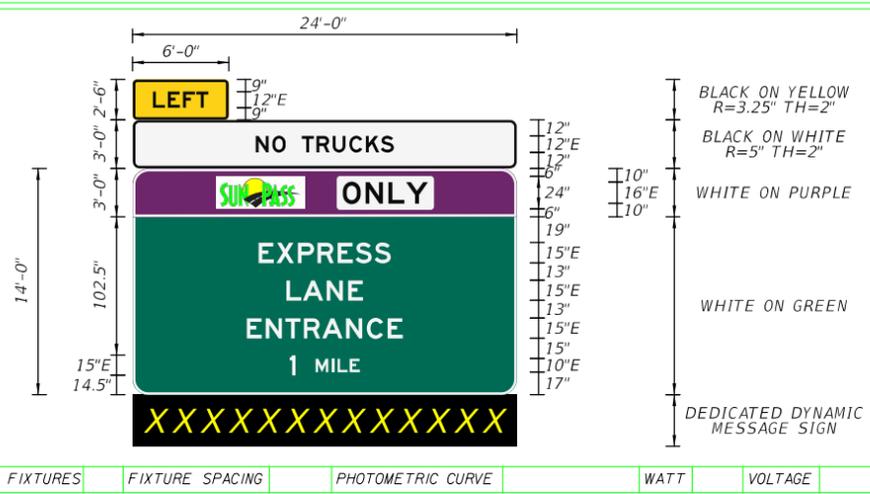
COPY	E	X	P	R	E	S	S	L	A	N	E	L				
SPACE	15.4	10.7	12.8	11.8	12.1	10.7	11.4	9.7	12	10	14.3	12.8	9	15.4	137.3	
COPY	T	W	O	-	A	X	L	E	L							
SPACE	47.6	8.3	12	9.7	4.2	11.3	10.7	9.2	7.5	47.6	72.9					
COPY	V	E	H	I	C	L	E	S	O	N	L	Y	L			
SPACE	23.2	10.9	9.5	10.7	4.1	10.4	9.2	8.9	8.1	10	10.7	10.7	8.3	10.2	23.2	121.7
COPY	B	U	S	E	S	A	L	L	O	W	E	D	L			
SPACE	20.5	10.1	10.1	10.1	8.9	8.1	10	11.9	9.2	8.9	9.8	12.3	9.5	8.1	20.5	127

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

EXPRESS LANE SIGN PANELS		SHEET NO. 105-1
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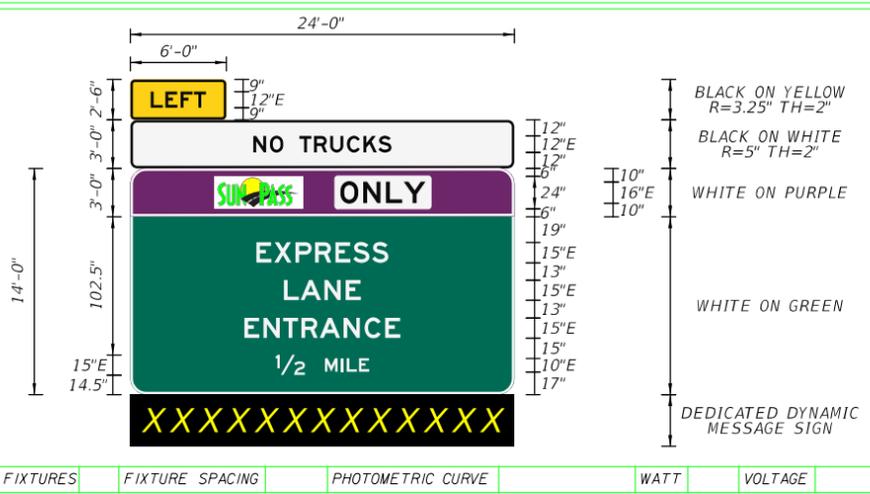
SIGN NAME	TPK-ELE1	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	24'-0"	WIDTH	2"		
HEIGHT	14'-0"	RADII	12"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SunPass	0	62.6	138	66.9	24
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	L	E	F	T	L															
SPACE	15.3	11	11.4	10	9	15.3	41.4													
COPY	N	O	T	R	U	C	K	S	L											
SPACE	92.2	12.5	10.1	12	11	12.1	12.5	12.5	11.2	9.7	92.2	103.6								
COPY	O	N	L	Y	L															
SPACE	157.5	17.1	17.1	13.3	16.3	66.7	63.8													
COPY	E	X	P	R	E	S	S	L												
SPACE	94.5	13.3	16	14.7	15.1	13.4	14.2	12.2	94.5	99										
COPY	L	A	N	E	L															
SPACE	115.2	12.5	17.8	16	11.2	115.2	57.6													
COPY	E	N	T	R	A	N	C	E	L	1	M	I	L	E	L					
SPACE	85.6	14.3	14.7	13.8	13.8	17.9	15.6	15.6	11.3	85.6	116.9	99.7	4.5	15	12	4.4	9.2	7.5	99.7	52.6

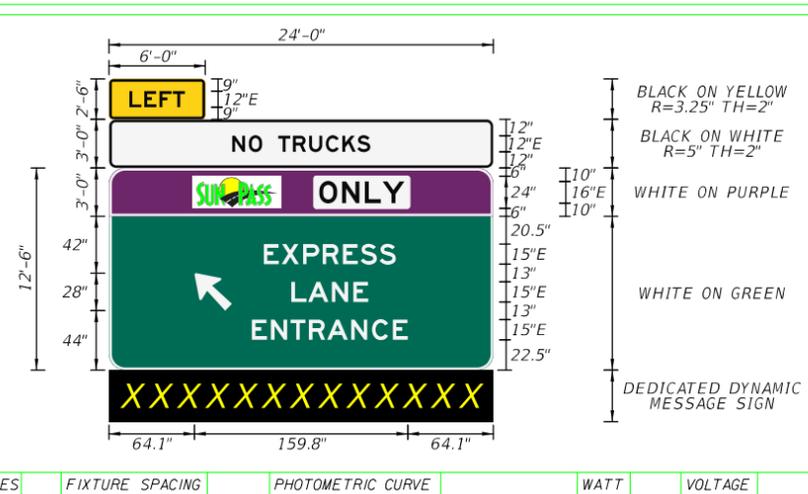
SIGN NAME	TPK-ELE2	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	24'-0"	WIDTH	2"		
HEIGHT	14'-0"	RADII	12"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SunPass	0	62.6	138	66.9	24
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	L	E	F	T	L															
SPACE	15.3	11	11.4	10	9	15.3	41.4													
COPY	N	O	T	R	U	C	K	S	L											
SPACE	92.2	12.5	10.1	12	11	12.1	12.5	12.5	11.2	9.7	92.2	103.6								
COPY	O	N	L	Y	L															
SPACE	157.5	17.1	17.1	13.3	16.3	66.7	63.8													
COPY	E	X	P	R	E	S	S	L												
SPACE	94.5	13.3	16	14.7	15.1	13.3	14.2	12.2	94.5	99										
COPY	L	A	N	E	L															
SPACE	115.2	12.4	17.8	16.1	11.2	115.2	57.6													
COPY	E	N	T	R	A	N	C	E	L	12	M	I	L	E	L					
SPACE	85.6	14.3	14.7	13.8	13.8	17.9	15.6	15.6	11.2	85.6	116.8	91	22	15	12	4.4	9.2	7.5	91	70.1

SIGN NAME	TPK-ELE3	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	24'-0"	WIDTH	2"		
HEIGHT	12'-6"	RADII	12"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SunPass	360	62.6	120	66.9	24
AR_Type A	45	64.1	44	22.5	35.6
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

SIGN NAME	QTY	SIGN NUMBER	STATION(S)		
PANEL	BORDER				
WIDTH	WIDTH				
HEIGHT	RADII				
LEGEND	COLOR				
COLOR					
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

COPY	L	E	F	T	L							
SPACE	15.3	11	11.4	10	9	231.3	41.4					
COPY	N	O	T	R	U	C	K	S	L			
SPACE	92.2	12.5	10.1	12	11	12.1	12.5	12.5	11.2	9.7	92.2	103.6
COPY	O	N	L	Y	L							
SPACE	157.5	17.1	17.1	13.3	16.3	66.7	63.8					
COPY	E	X	P	R	E	S	S	L				
SPACE	116	13.4	16	14.7	15.1	13.3	14.3	12.2	73	99		
COPY	L	A	N	E	L							
SPACE	136.7	12.4	17.9	16	11.2	93.7	57.6					
COPY	E	N	T	R	A	N	C	E	L			
SPACE	107	14.3	14.7	13.8	13.8	17.8	15.6	15.6	11.2	64.1	116.8	

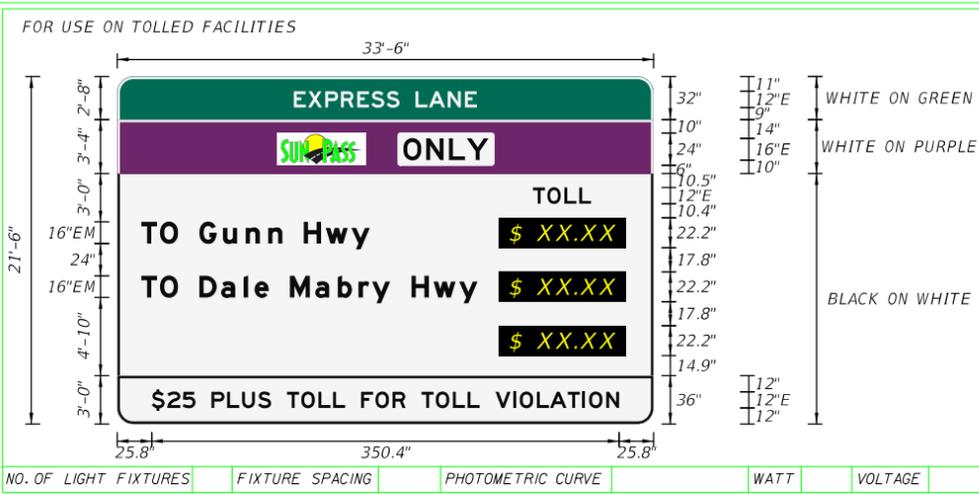
COPY	L	E	F	T	L				
SPACE									
COPY	N	O	T	R	U	C	K	S	L
SPACE									
COPY	O	N	L	Y	L				
SPACE									
COPY	E	X	P	R	E	S	S	L	
SPACE									
COPY	L	A	N	E	L				
SPACE									
COPY	E	N	T	R	A	N	C	E	L
SPACE									

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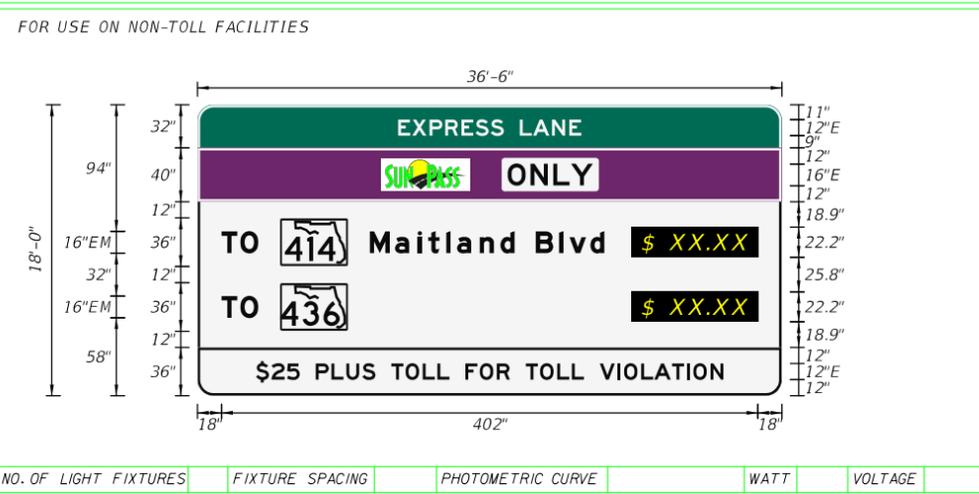
EXPRESS LANE SIGN PANELS		SHEET NO. 105-2
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SIGN NAME	TPK-TS4	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	33'-6"	WIDTH	2"		
HEIGHT	21'-6"	RADII	12"		
LEGEND	Black	COLOR	Black		
COLOR	White				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SunPass	0	119.6	192	66.9	24
DMS	0	286	130.9	95	22.2
DMS	0	286	90.9	95	22.2
DMS	0	286	50.9	95	22.2
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



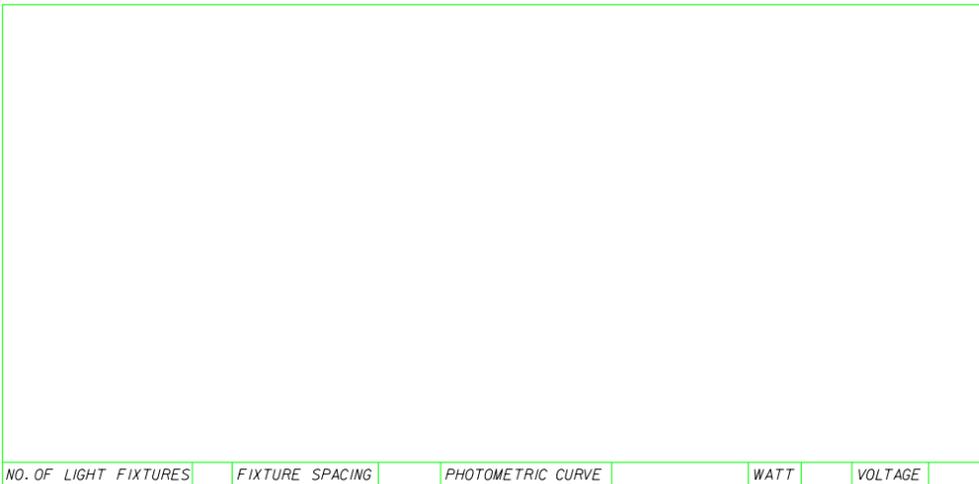
COPY	E	X	P	R	E	S	S	L	A	N	E	L	O	N	L	Y	L						
SPACE	132.4	10.7	12.8	11.8	12.1	10.7	11.4	9.7	12	10	14.3	12.8	9	132.4	137.3		214.5	17.1	17.1	13.3	16.3	123.7	63.8
COPY	T	O	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L						
SPACE	311.7	10.7	12.8	11	9	46.7	43.6																
COPY	T	O	G	u	n	n	H	w	y	L	L	L	L	L	L	L	L						
SPACE	18	14.1	13.4	16	17.8	17	10.6	16	16.6	19.2	13.6	212.8	171.2										
COPY	T	O	D	a	i	e	M	a	b	r	y	H	w	y	L	L	L						
SPACE	18	14.1	13.4	16	16.3	17	8.2	10.6	16	18.9	17	15.5	10.1	13.6	16	16.6	19.2	13.6	132	252			
COPY	\$	2	5	P	L	U	S	T	O	L	L	F	O	R	L	L	L						
SPACE	25.8	11.8	11.4	9.7	12	11.8	11	12.1	9.7	12	10.7	12.8	11	9	12	10.7	12.8	9.7					
COPY	T	O	L	L	V	I	O	L	A	T	I	O	N	L	L	L	L						
SPACE		12	10.7	12.8	11	9	12	13.1	4.9	12.8	10	13.2	11	4.9	12.8	9.7	25.8	350.4					

SIGN NAME	TPK-TS5	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	36'-6"	WIDTH	2"		
HEIGHT	18'-0"	RADII	12"		
LEGEND	Black	COLOR	Black		
COLOR	White				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SunPass	360	137.6	152.2	66.9	24
DMS	0	325	102.9	95	22.2
F28_3	0	61.5	96	51.6	36
DMS	0	325	54.9	95	22.2
F28_3	0	61.5	48	51.6	36
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



COPY	E	X	P	R	E	S	S	L	A	N	E	L	O	N	L	Y	L						
SPACE	150.4	10.7	12.8	11.8	12.1	10.7	11.4	9.7	12	10	14.3	12.8	9	150.4	137.3								
COPY	O	N	L	Y	L	L	L	L	L	L	L	L	L	L	L	L	L						
SPACE	232.5	17.1	17.1	13.3	16.3	141.7	63.8																
COPY	T	O	M	a	i	t	I	a	n	d	B	I	v	d	L	L	L						
SPACE	18	14.1	13.4	392.5	27.5			129.2	18.9	17	8	13.4	8.2	17	15.5	10.6	16	17.4	7.8	15.5	10.6	133	175.8
COPY	T	O	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L						
SPACE	18	14.1	13.4	392.5	27.5																		
COPY	\$	2	5	P	L	U	S	T	O	L	L	F	O	R	L	L	L						
SPACE	43.8	11.8	11.4	9.7	12	11.8	11	12.1	9.7	12	10.7	12.8	11	9									
COPY	F	O	R	T	O	L	L	V	I	O	L	A	T	I	O	N	L						
SPACE		12	10.7	12.8	9.7	12	10.7	12.8	11	9	12	13.1	4.9	12.8	10	13.2	11	4.9	12.8	9.7	43.8	350.4	

SIGN NAME	TPK-TS4	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER				
WIDTH	WIDTH				
HEIGHT	RADII				
LEGEND	COLOR				
COLOR					
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



SIGN NAME	TPK-TS5	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER				
WIDTH	WIDTH				
HEIGHT	RADII				
LEGEND	COLOR				
COLOR					
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



COPY																								
SPACE																								
COPY																								
SPACE																								
COPY																								
SPACE																								
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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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EXPRESS LANE SIGN PANELS	SHEET NO. 105-3
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SIGN NAME	TPK-LES1	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	15'-0"	WIDTH	2"		
HEIGHT	13'-0"	RADII	12"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
FTP-18-06	0	66.9	66	46.2	42
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	L	O	C	A	L	E	X	I	T	L			
SPACE	36.7	10.7	12.5	11.4	14.3	9	12	10.7	12.8	4.2	9	36.7	106.6
COPY		G	u	n	n	H	w	y	L				
SPACE	26.2	17.8	17	17	10.6	16	16.6	19.2	13.6	26.2	127.7		
COPY		12		M	I	L	E	L					
SPACE	55	22	15	12	4.4	9.2	7.5	55	70.1				
COPY													
SPACE													
COPY													
SPACE													
COPY													
SPACE													

SIGN NAME	TPK-LES2	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	15'-0"	WIDTH	2"		
HEIGHT	13'-0"	RADII	12"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
FTP-18-06	0	66.9	66	46.2	42
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	L	O	C	A	L	E	X	I	T	L			
SPACE	36.7	10.7	12.5	11.4	14.3	9	12	10.7	12.8	4.2	9	36.7	106.6
COPY		G	u	n	n	H	w	y	L				
SPACE	26.2	17.8	17	17	10.6	16	16.6	19.2	13.6	26.2	127.7		
COPY		1		M	I	L	E	L					
SPACE	63.7	4.5	15	12	4.4	9.2	7.5	63.7	52.6				
COPY													
SPACE													
COPY													
SPACE													
COPY													
SPACE													

SIGN NAME	TPK-LES3	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	17'-6"	WIDTH	2"		
HEIGHT	12'-0"	RADII	12"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
FTP-18-06	0	60.1	48	46.2	42
AR_Type A	315	163.1	41.2	22.2	35
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	L	O	C	A	L	E	X	I	T	L			
SPACE	51.7	10.7	12.5	11.4	14.3	9	12	10.7	12.8	4.2	9	51.7	106.6
COPY		G	u	n	n	H	w	y	L				
SPACE	19.4	17.8	17	17	10.6	16	16.6	19.2	13.6	62.9	127.7		
COPY													
SPACE													
COPY													
SPACE													
COPY													
SPACE													

SIGN NAME	QTY	SIGN NUMBER	STATION(S)		
PANEL	BORDER				
WIDTH	WIDTH				
HEIGHT	RADII				
LEGEND	COLOR				
COLOR					
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

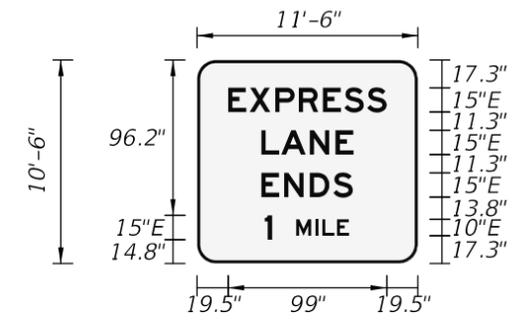
COPY	L	O	C	A	L	E	X	I	T	L
SPACE										
COPY										
SPACE										
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REVISIONS					
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
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EXPRESS LANE SIGN PANELS		SHEET NO. 105-4
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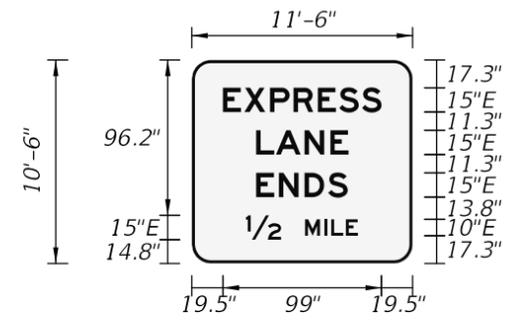
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PANEL	BORDER			none	
WIDTH	11'-6"	WIDTH	2"		
HEIGHT	10'-6"	RADII	12"		
LEGEND	Black	COLOR	Black		
COLOR	White				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	E	X	P	R	E	S	S	L		
SPACE	19.5	13.3	16.1	14.7	15.2	13.4	14.2	12.1	19.5	99
COPY	L	A	N	E	L					
SPACE	40.2	12.4	17.8	16.1	11.2	40.2	57.6			
COPY	E	N	D	S	L					
SPACE	40.2	14.3	16	14.7	12.2	40.7	57.2			
COPY	1	M	I	L	E	L				
SPACE	42.5	4.5	15	12	4.4	9.2	7.5	42.9	52.6	
COPY										
SPACE										
COPY										
SPACE										

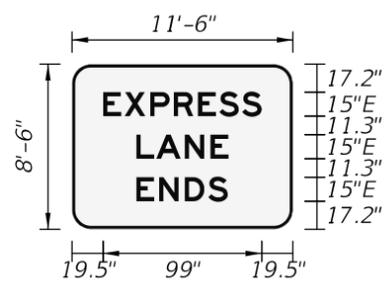
SIGN NAME	TPK-ELE2	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	11'-6"	WIDTH	2"		
HEIGHT	10'-6"	RADII	12"		
LEGEND	Black	COLOR	Black		
COLOR	White				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	E	X	P	R	E	S	S	L		
SPACE	19.5	13.3	16.1	14.7	15.2	13.4	14.2	12.1	19.5	99
COPY	L	A	N	E	L					
SPACE	40.2	12.4	17.8	16.1	11.2	40.2	57.6			
COPY	E	N	D	S	L					
SPACE	40.2	14.3	16	14.7	12.2	40.6	57.2			
COPY	1/2	M	I	L	E	L				
SPACE	33.7	22	15	12	4.4	9.2	7.5	34.2	70.1	
COPY										
SPACE										
COPY										
SPACE										

SIGN NAME	TPK-ELE3	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER			none	
WIDTH	11'-6"	WIDTH	2"		
HEIGHT	8'-6"	RADII	12"		
LEGEND	Black	COLOR	Black		
COLOR	White				
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

COPY	E	X	P	R	E	S	S	L		
SPACE	19.5	13.3	16.1	14.7	15.2	13.4	14.2	12.1	19.5	99
COPY	L	A	N	E	L					
SPACE	40.2	12.4	17.8	16.1	11.2	40.2	57.6			
COPY	E	N	D	S	L					
SPACE	40.2	14.3	16	14.7	12.2	40.7	57.2			
COPY										
SPACE										
COPY										
SPACE										
COPY										
SPACE										

SIGN NAME	QTY	SIGN NUMBER	STATION(S)		
PANEL	BORDER				
WIDTH	WIDTH				
HEIGHT	RADII				
LEGEND	COLOR				
COLOR					
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

COPY	E	X	P	R	E	S	S	L
SPACE								
COPY	L	A	N	E	L			
SPACE								
COPY	E	N	D	S	L			
SPACE								
COPY								
SPACE								
COPY								
SPACE								
COPY								
SPACE								

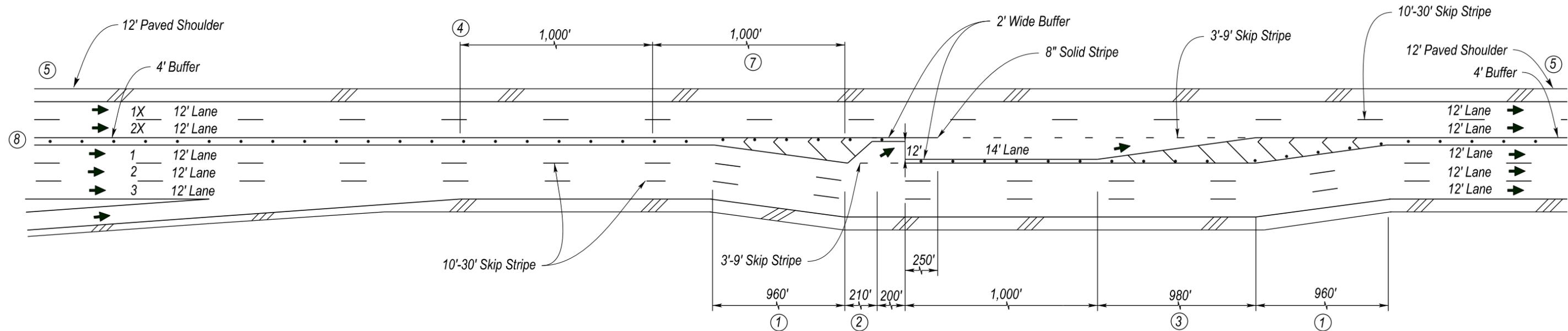
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

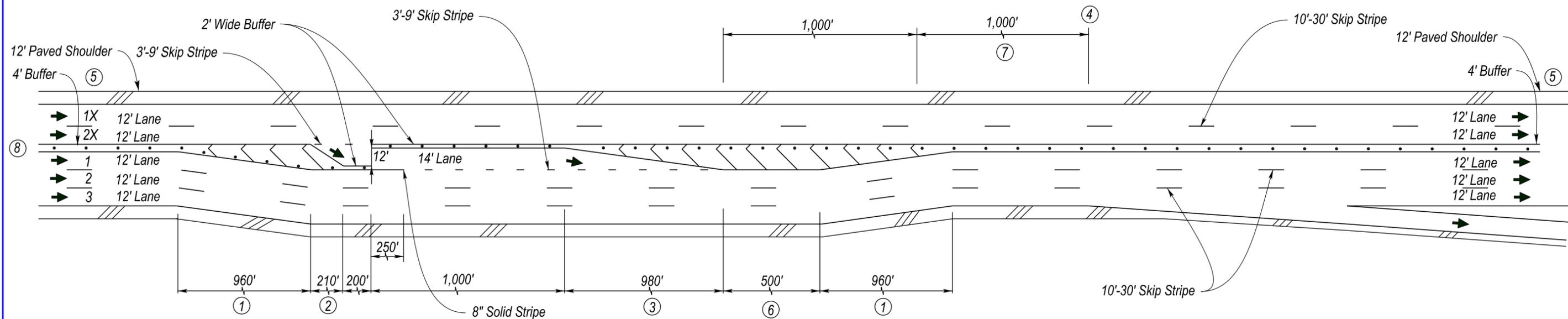
EXPRESS LANE SIGN PANELS		SHEET NO. 105-6
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Notes:

- ① Per FDOT PPM, Table 2.8.1a, Maximum Deflections Without Horizontal Curves, 0° 45' or 76.39:1. (Use 80:1).
- ② 15:1 Taper Is To Be Used To Achieve 180' Or 210' Taper Lengths.
- ③ Taper Length Based On L=WS. 70:1 Taper As Shown Assumes 70 MPH Design Speed.
- ④ This Applies To 1 Lane Parallel And Tapered Ramps. For 2 Lane Ramps And Auxiliary Lanes Establish This Point 1,500' After/Before Ramp Gore.
- ⑤ Provide Paved Shoulder Width In Accordance With FTE TPPPH.
- ⑥ Tangent Length Between Lane Deflection.
- ⑦ Provide 1000' For Each Lane Change.
- ⑧ See Sheet 107-1 For Buffer Zone Detail.



Slip Ramp - Typical Ingress Only



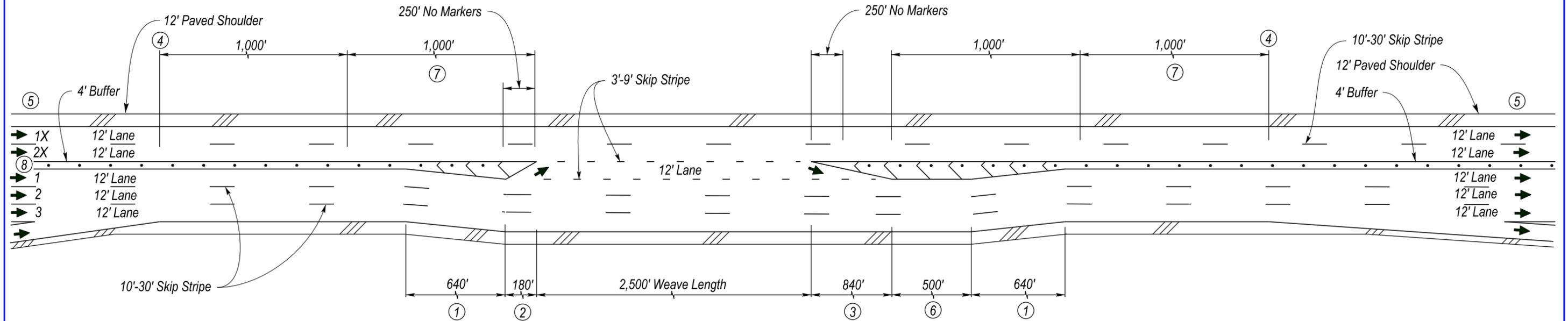
Slip Ramp - Typical Egress Only

NOT TO SCALE

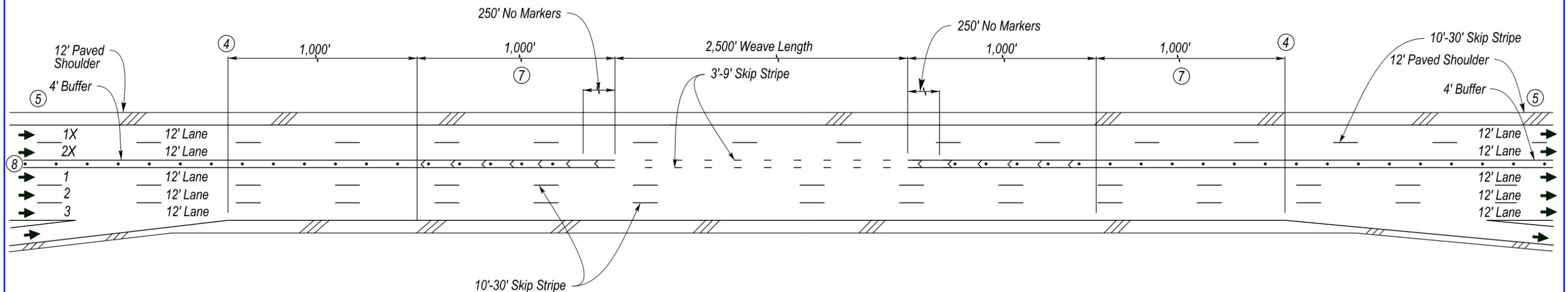
REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			EXPRESS LANE INGRESS/EGRESS TYPICAL LAYOUT	SHEET NO. 106-1
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		

Notes:

- ① Per FDOT PPM, Table 2.8.1a, Maximum Deflections Without Horizontal Curves, 0° 45' or 76.39:1. (Use 80:1).
- ② 15:1 Taper Is To Be Used To Achieve 180' Or 210' Taper Lengths.
- ③ Taper Length Based On L=WS. 70:1 Taper As Shown Assumes 70 MPH Design Speed.
- ④ This Applies To 1 Lane Parallel And Tapered Ramps. For 2 Lane Ramps And Auxiliary Lanes Establish This Point 1,500' After/Before Ramp Gore.
- ⑤ Provide Paved Shoulder Width In Accordance With FTE TPPPH.
- ⑥ Tangent Length Between Lane Deflection.
- ⑦ Provide 1000' For Each Lane Change.
- ⑧ See Sheet 107-1 For Buffer Zone Detail.



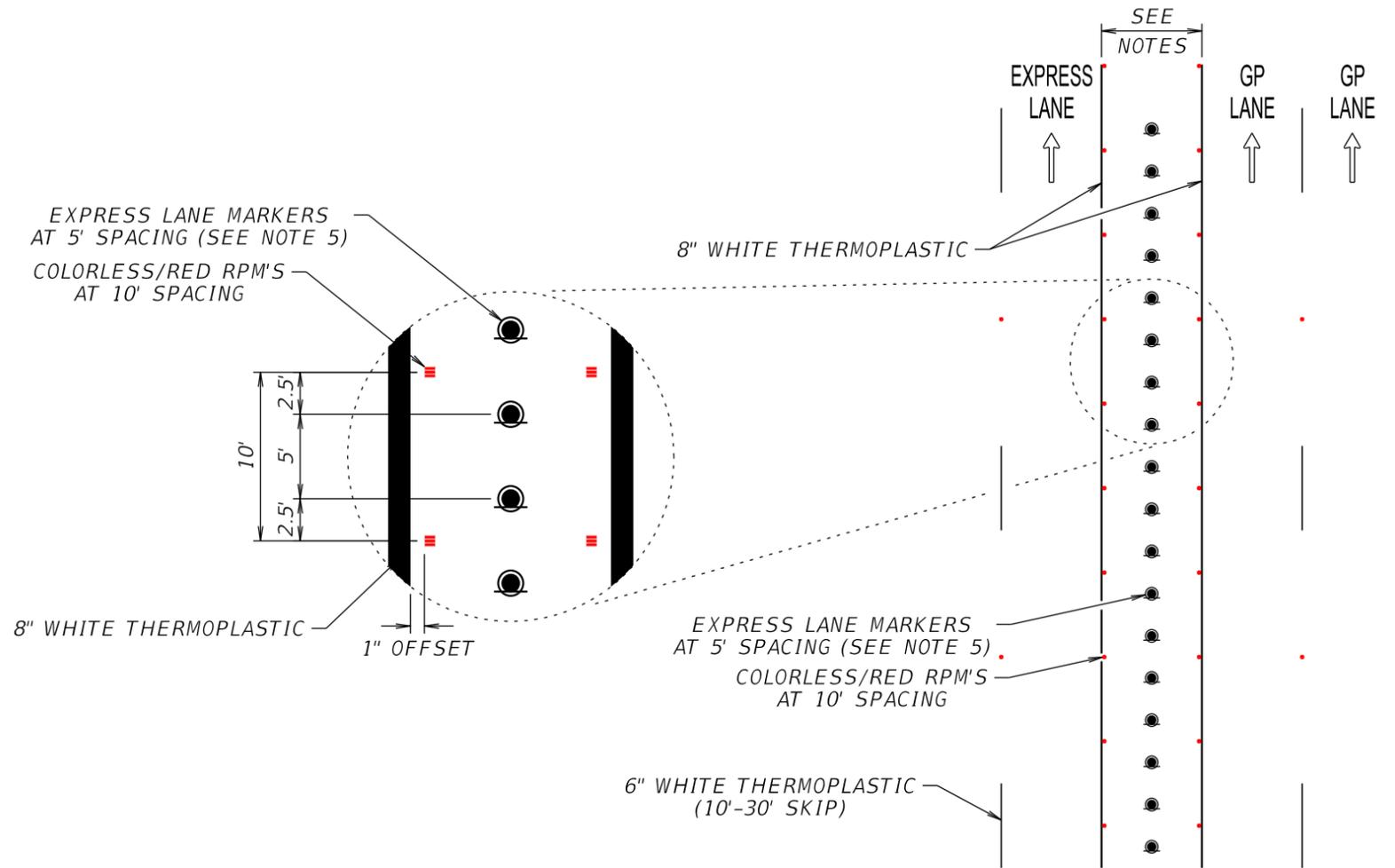
Weave Lane - Typical Combined Ingress/Egress



Weave Zone - Typical Combined Ingress/Egress

NOT TO SCALE

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			EXPRESS LANE INGRESS/EGRESS TYPICAL LAYOUT	SHEET NO. 106-2
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		



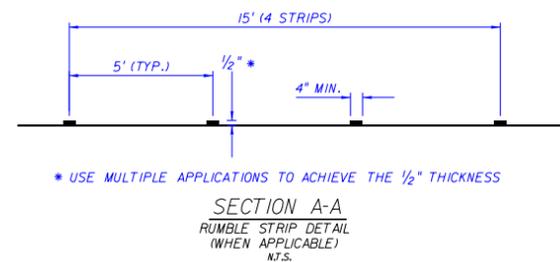
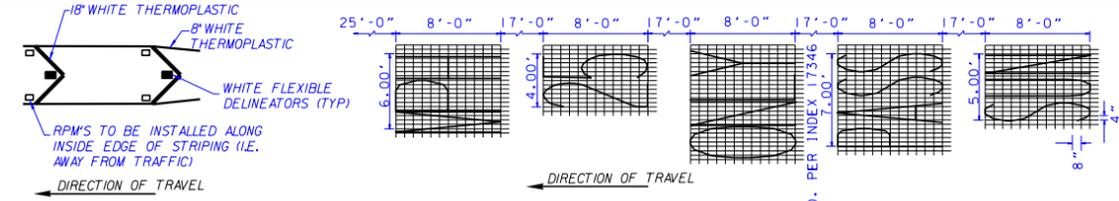
NOTES:

1. BUFFER WIDTH VARIES
2. DO NOT ADD CHEVRONS IF THE BUFFER WIDTH IS 2' OR LESS
3. FOR BUFFER WIDTHS 2' TO 12':
 - A) FOR A SLIP RAMP INGRESS/EGRESS CONFIGURATION, ADD 18" WHITE THERMOPLASTIC CHEVRON AT 40' SPACING WITHIN THE SLIP RAMP TRANSITION AREA AS SHOWN ON SHEET 106-1
 - B) FOR A WEAVE LANE INGRESS/EGRESS CONFIGURATION, ADD 18" WHITE THERMOPLASTIC CHEVRON AT 40' SPACING WITHIN THE WEAVE LANE TRANSITION AREA AS SHOWN ON SHEET 106-2
 - C) FOR A WEAVE ZONE INGRESS/EGRESS CONFIGURATION, ADD 18" WHITE THERMOPLASTIC CHEVRON AT 40' SPACING FOR 1,000' ON BOTH SIDES OF THE WEAVE AREA AS SHOWN ON SHEET 106-2
4. ADD 18" WHITE THERMOPLASTIC CHEVRON AT 40' SPACING WHEN THE BUFFER WIDTH IS GREATER THAN 12'
5. SPACING OF THE EXPRESS LANE MARKERS IS PROJECT SPECIFIC
6. WITHIN THE TOLLING PAVEMENT AREA AS DEFINED IN THE GTR:
 - A) BUFFER WIDTHS BETWEEN 8' AND 12' SHALL HAVE TWO (2) EXPRESS LANE MARKERS EVENLY SPACED TRANSVERSELY
 - B) BUFFER WIDTHS 12' AND GREATER SHALL HAVE THREE (3) EXPRESS LANE MARKERS EVENLY SPACED TRANSVERSELY
 - C) DO NOT PLACE EXPRESS LANE MARKERS OR RPMS ON TOP OF LOOP SAW-CUT OR SEALANT

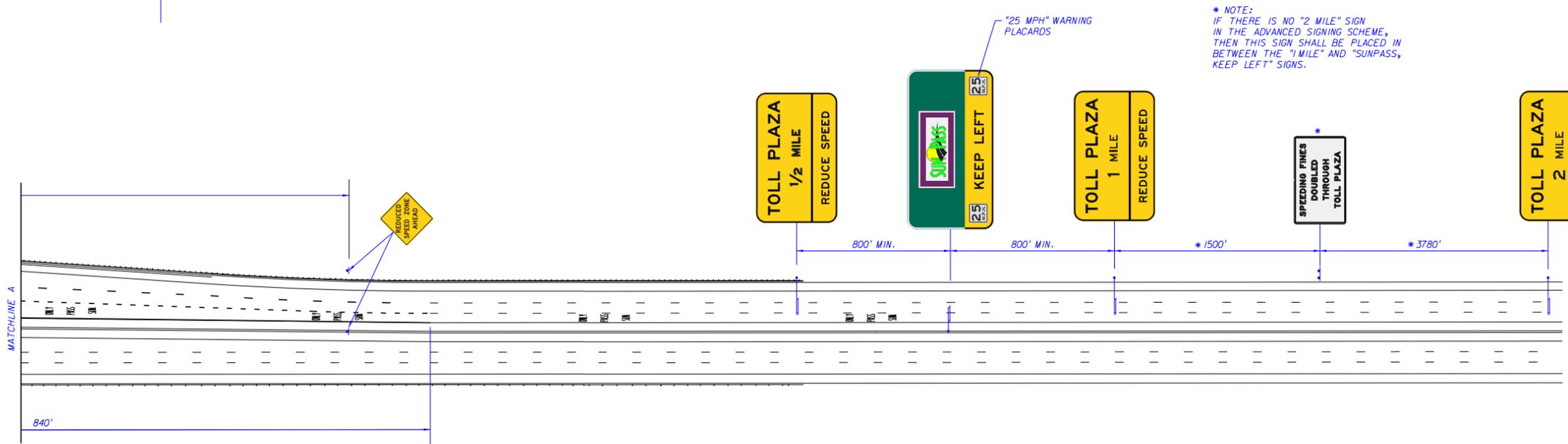
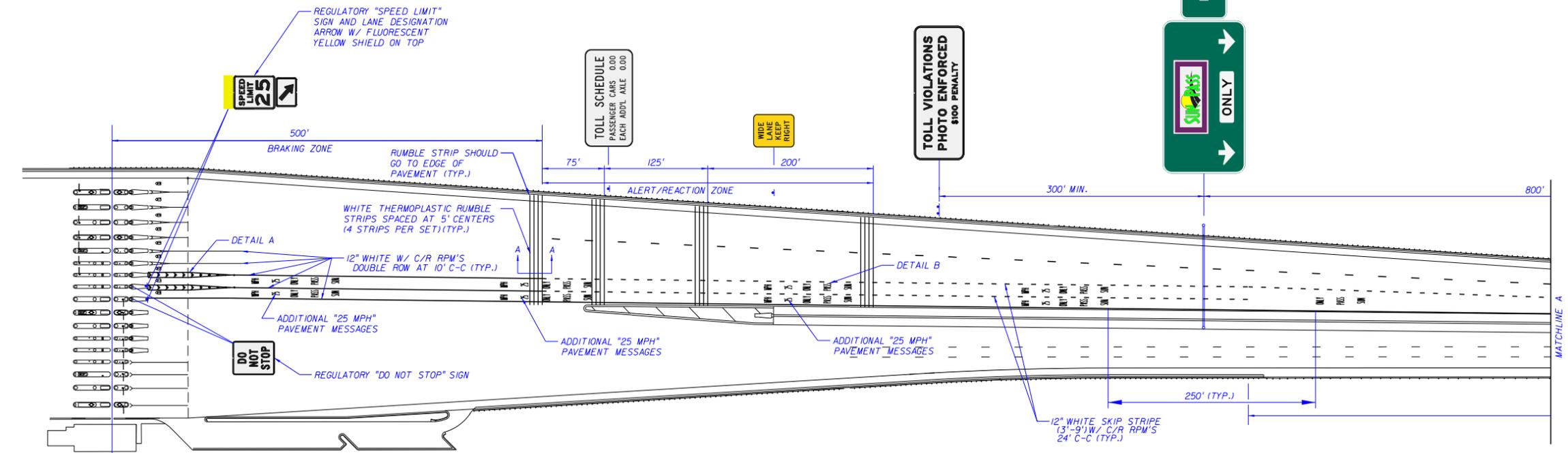
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

EXPRESS LANE BUFFER ZONE DETAIL
SHEET NO. 107-1



NOTES:
 1. EACH WORD TO BE CENTERED WITHIN LANE.
 2. LEGENDS SHALL BE WHITE.



* NOTE:
 IF THERE IS NO "2 MILE" SIGN
 IN THE ADVANCED SIGNING SCHEME,
 THEN THIS SIGN SHALL BE PLACED IN
 BETWEEN THE "1 MILE" AND "SUNPASS,
 KEEP LEFT" SIGNS.

N.T.S.

- MAIN LINE PLAZA NOTES:**
- ALL RPM'S SHALL BE PLACED ON THE ISLAND SIDE OF THE ADJACENT EDGELINES.
 - PAVEMENT MARKINGS MAY BE ADJUSTED SLIGHTLY AS DIRECTED BY THE ENGINEER.
 - FLEXIBLE DELINEATORS SHALL BE 48" HIGH AND WHITE WITH A 3" X 12" REFLECTIVE STRIP. THE DELINEATOR SHALL BE SURFACE MOUNTED ON EXISTING PAVEMENT.

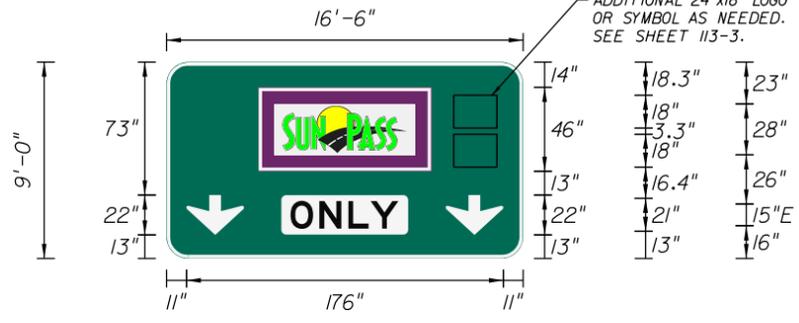
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

**DUAL DEDICATED MAINLINE
TOLL PLAZA SIGNING AND
PAVEMENT MARKING LAYOUT**

SHEET NO.
108-1

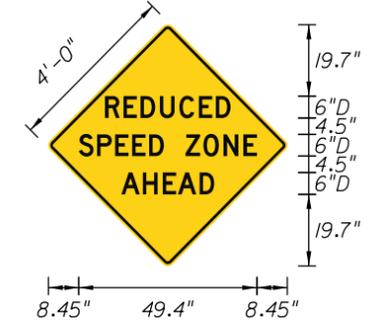
SIGN NAME	TPK-AS3	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER				
WIDTH 16'-6"	WIDTH 2"				
HEIGHT 9'-0"	RADII 12"				
LEGEND White	COLOR White				
COLOR Green					
SYMBOL(S)	ANGLE	X	Y	WID	HT
OtherETC	0	159.5	71.7	24	18
SunPassLarge	0	60	57	78	28
OtherETC	0	159.5	50.3	24	18
LogoPanelLarge	0	51	48	96	46
ARROWN	0	11	13	32	22
ARDOWN	0	155	13	32	22
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	SPACE	O	N	L	Y	L
	75.1	12.8	12.8	10	12.2	75.1
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					

SIGN NAME	TPK-RSZ	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER				
WIDTH 5'-6"	WIDTH 0"				
HEIGHT 5'-6"	RADII 0"				
LEGEND Black	COLOR Black				
COLOR Yellow					
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

COPY	SPACE	R	E	D	U	C	E	D	L
	15.7	5.1	4.7	5.4	5.4	5.4	4.7	4.1	15.7
COPY	SPACE								
COPY	SPACE								
COPY	SPACE								
COPY	SPACE								
COPY	SPACE								
COPY	SPACE								
COPY	SPACE								
COPY	SPACE								
COPY	SPACE								

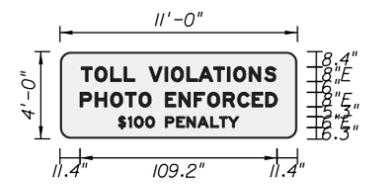
SIGN NAME	TPK-VI	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER				
WIDTH 16'-0"	WIDTH 2"				
HEIGHT 6'-0"	RADII 12"				
LEGEND Black	COLOR Black				
COLOR White					
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	SPACE	T	O	L	L	V	I	O	L	A	T	I	O	N	S	L
	16	10.7	12.8	11	9	12	13.1	4.9	12.8	10	13.2	11	4.9	12.8	12.1	9.7
COPY	SPACE															
COPY	SPACE															
COPY	SPACE															
COPY	SPACE															
COPY	SPACE															
COPY	SPACE															
COPY	SPACE															
COPY	SPACE															
COPY	SPACE															
COPY	SPACE															

SIGN NAME	TPK-V2	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER				
WIDTH 11'-0"	WIDTH 1.25"				
HEIGHT 4'-0"	RADII 6"				
LEGEND Black	COLOR Black				
COLOR White					
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

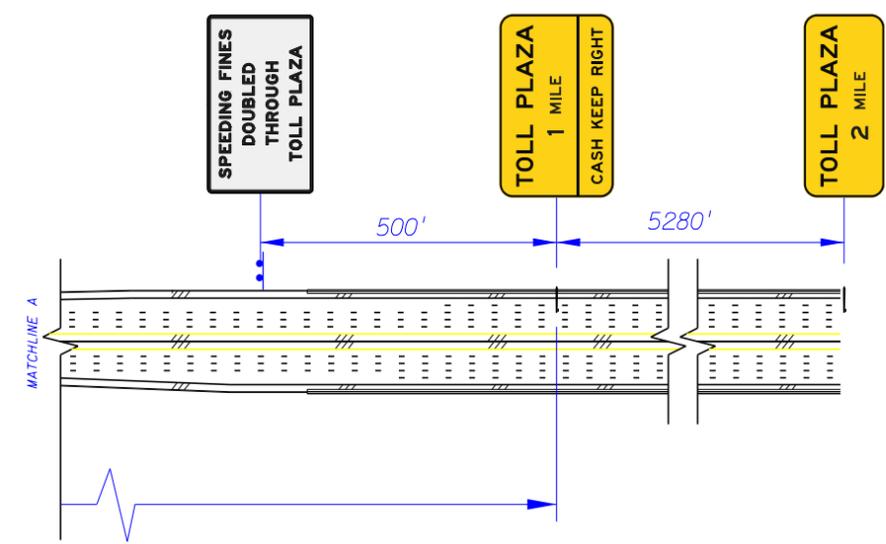
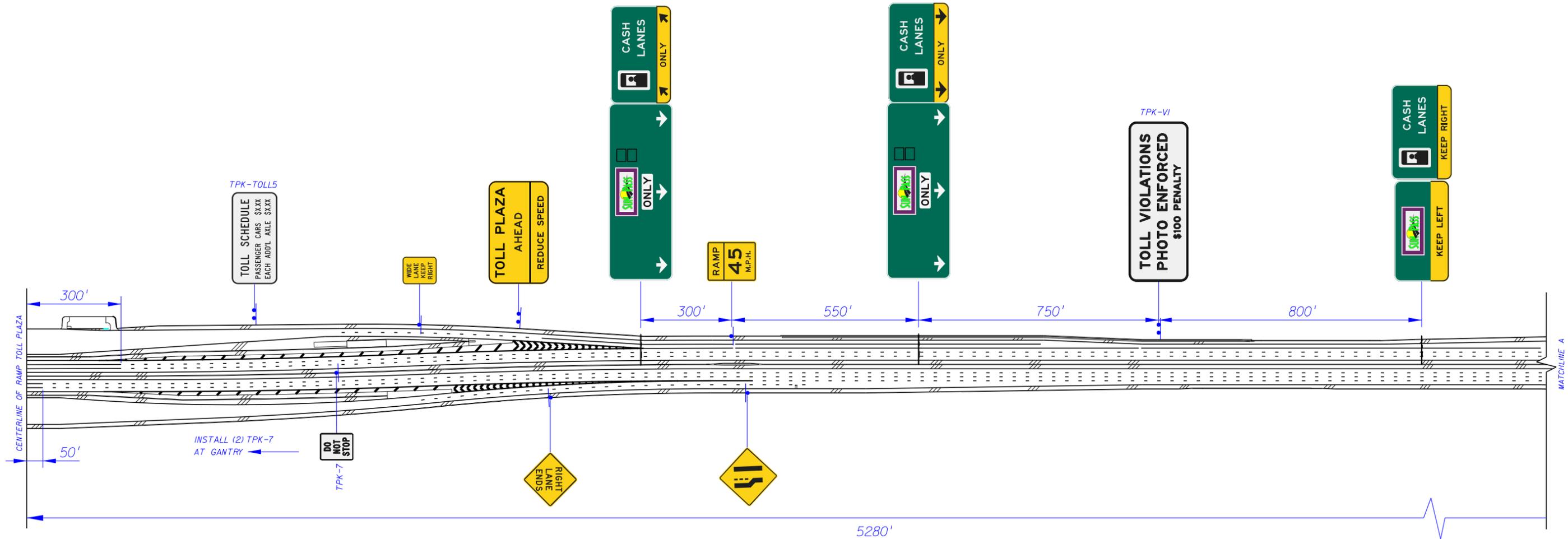
COPY	SPACE	T	O	L	L	V	I	O	L	A	T	I	O	N	S	L
	12	7.5	8.7	7.5	5.9	8	8.9	3.4	8.7	6.4	8.5	7.5	3.4	8.7	8.4	6.4
COPY	SPACE															
COPY	SPACE															
COPY	SPACE															
COPY	SPACE															
COPY	SPACE															
COPY	SPACE															
COPY	SPACE															
COPY	SPACE															
COPY	SPACE															
COPY	SPACE															

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

TOLL PLAZA SIGNING DETAILS
MAINLINE APPROACH
SIGN PANELS

SHEET NO.
108-3



N.T.S.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

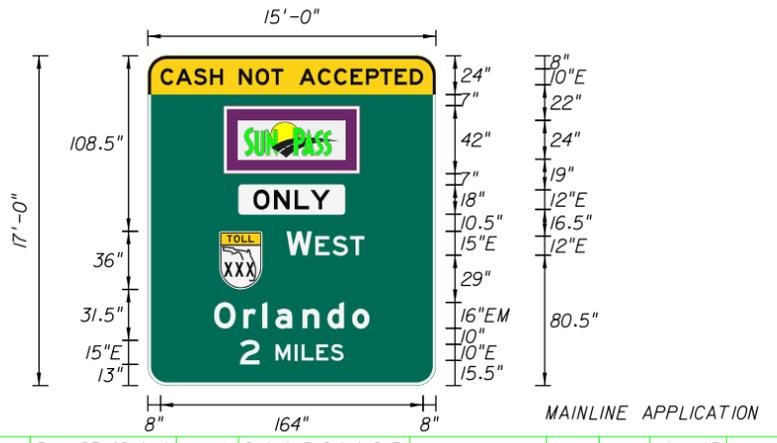
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

**ORT MAINLINE
TOLL PLAZA
SIGNING LAYOUT**

SHEET NO. 109-1

\$DATE\$

SIGN NAME	TPK-SPI	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER				
WIDTH 15'-0"	WIDTH 2"				
HEIGHT 17'-0"	RADII 12"				
LEGEND White	COLOR White				
COLOR Green					
SYMBOL(S)	ANGLE	X	Y	WID	HT
SunPassSmall	0	56.5	140	67	24
LogoPanelSmall	0	47.5	131	85	42
FTP-80-06	0	44.6	59.5	27	36
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	C	A	S	H	N	O	T	A	C	C	E	P	T	E	D	L				
SPACE	8	9.5	11.3	10.1	8.1	10	10.4	9.8	7.5	10	11.6	10.1	10.4	9.5	8.9	9.2	9.5	8.1	8	164
COPY	O	N	L	Y	L															
SPACE	66.1	12.8	12.8	10	12.2	66.1	47.9													
COPY	W	E	S	T	L															
SPACE	86.6	15.9	2.2	10.7	11	9	44.6	48.8												
COPY	O	r	I	a	n	d	o	L												
SPACE	41.4	18.2	11.8	8.2	17	15.5	15.5	10.9	41.4	97.1										
COPY	2	M	I	L	E	S	L													
SPACE	57.6	12.1	10	12	4.4	9.2	8.9	8.1	57.6	64.7										
COPY																				
SPACE																				

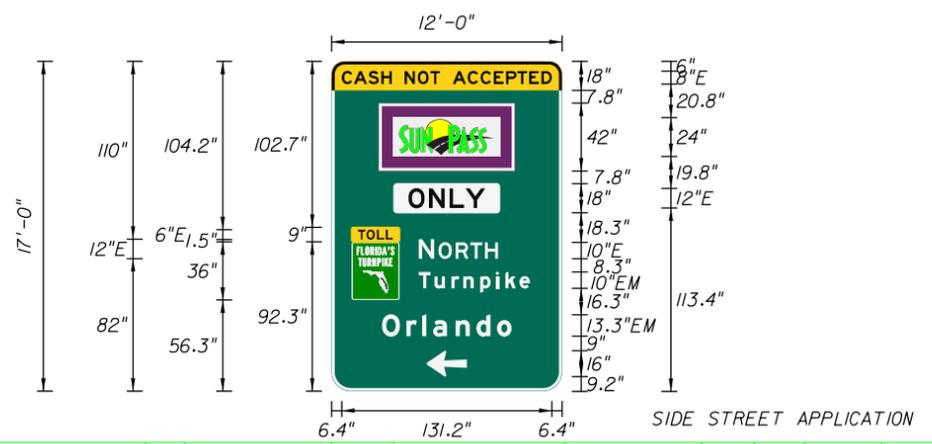
SIGN NAME	TPK-SPGORE	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER				
WIDTH 15'-0"	WIDTH 2"				
HEIGHT 14'-6"	RADII 12"				
LEGEND White	COLOR White				
COLOR Green					
SYMBOL(S)	ANGLE	X	Y	WID	HT
SunPassSmall	0	56.5	109	67	24
LogoPanelSmall	0	47.5	100	85	42
AR_Type A	315	132	38.4	22.2	35
FTP-80-06	0	20.4	23	27	36
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	C	A	S	H	N	O	T	A	C	C	E	P	T	E	D	L				
SPACE	8	9.5	11.3	10.1	8.1	10	10.4	9.8	7.5	10	11.6	10.1	10.4	9.5	8.9	9.2	9.5	8.1	8	164
COPY	O	N	L	Y	L															
SPACE	66.1	12.8	12.8	10	12.2	66.1	47.9													
COPY	W	E	S	T	L															
SPACE	62.4	15.9	2.2	10.7	11	9	68.8	48.8												
COPY	O	r	I	a	n	d	o	L												
SPACE	62.4	18.2	11.8	8.2	17	15.5	15.5	10.9	20.5	97.1										
COPY																				
SPACE																				

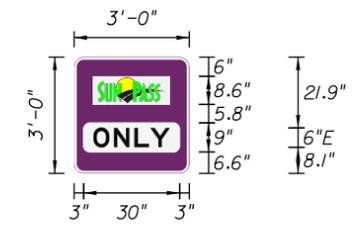
SIGN NAME	TPK-SIDE1	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER				
WIDTH 12'-0"	WIDTH 2"				
HEIGHT 17'-0"	RADII 10"				
LEGEND White	COLOR White				
COLOR Green					
SYMBOL(S)	ANGLE	X	Y	WID	HT
SunPassSmall	0	38.5	145.1	67	24
LogoPanelSmall	0	29.5	136.2	85	42
FTP-16-10	0	12.5	56.3	30	36
AR_Type A	90	59.4	9	16	25.2
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	C	A	S	H	N	O	T	A	C	C	E	P	T	E	D	L				
SPACE	6.4	7.6	9	8.1	6.5	8	8.3	7.8	6	8	9.3	8.1	8.3	7.6	7.1	7.4	7.6	6.5	6.4	131.2
COPY	O	N	L	Y	L															
SPACE	48.1	12.8	12.8	10	12.2	48.1	47.9													
COPY	T	O	L	L	L															
SPACE	16.6	5.3	6.4	5.5	4.5	105.6	21.8													
COPY	N	O	R	T	H	L														
SPACE	54.5	9.7	2.6	10.7	9.2	9.2	8.1	40	49.5											
COPY	T	u	r	n	p	l	k	e	L											
SPACE	54.5	9.8	10.6	7.4	10.6	9.7	6	8.8	6.6	20	69.5									
COPY	O	r	I	a	n	d	o	L												
SPACE	31.5	15.2	9.9	6.8	14.1	12.9	12.9	9.1	31.5	80.9										

SIGN NAME	TPK-SIDE2	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER				
WIDTH 3'-0"	WIDTH 0.75"				
HEIGHT 3'-0"	RADII 3"				
LEGEND White	COLOR White				
COLOR Purple					
SYMBOL(S)	ANGLE	X	Y	WID	HT
SunPassLarge	0	6	21.4	24	8.6
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

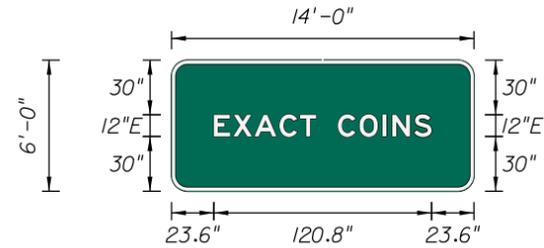
COPY	O	N	L	Y	L		
SPACE	6	6.4	6.4	5	6.1	6	23.9
COPY							
SPACE							
COPY							
SPACE							
COPY							
SPACE							
COPY							
SPACE							

REVISIONS					
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

SUNPASS ONLY SIGNING DETAILS MAINLINE & SIDE ROAD SIGN PANELS		SHEET NO. 109-5
\$USER\$	\$DATE\$	\$TIME\$
\$FILES\$		

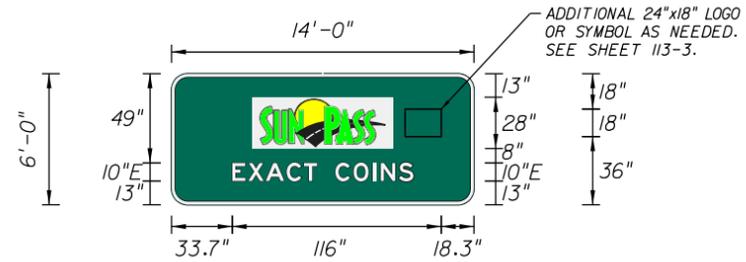
SIGN NAME	TPK-X1	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER				
WIDTH 14'-0"	WIDTH 2"				
HEIGHT 6'-0"	RADII 9"				
LEGEND White	COLOR White				
COLOR Green					
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	E	X	A	C	T	C	O	I	N	S	L			
SPACE	23.6	10.7	11.8	13.9	11.4	9	12	12.1	12.8	5.3	12.1	9.7	23.6	120.8
COPY														
SPACE														
COPY														
SPACE														
COPY														
SPACE														
COPY														
SPACE														
COPY														
SPACE														

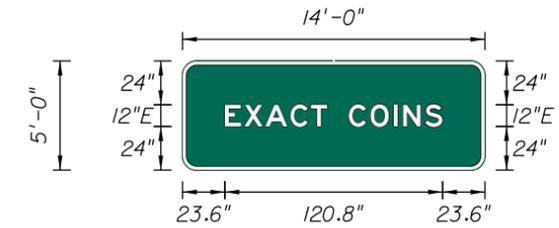
SIGN NAME	TPK-XS1	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER				
WIDTH 14'-0"	WIDTH 1.75"				
HEIGHT 6'-0"	RADII 9"				
LEGEND White	COLOR White				
COLOR Green					
SYMBOL(S)	ANGLE	X	Y	WID	HT
OtherETC	0	129.7	37.5	24	18
SunPass_CAN	0	45	31	78	28
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	E	X	A	C	T	C	O	I	N	S	L			
SPACE	33.7	8.9	9.8	11.6	9.5	7.5	10	10.1	10.7	4.4	10.1	8.1	33.7	100.7
COPY														
SPACE														
COPY														
SPACE														
COPY														
SPACE														
COPY														
SPACE														

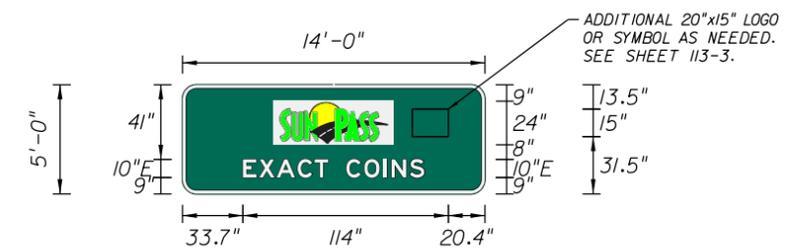
SIGN NAME	TPK-X2	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER				
WIDTH 14'-0"	WIDTH 2"				
HEIGHT 5'-0"	RADII 8"				
LEGEND White	COLOR White				
COLOR Green					
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	E	X	A	C	T	C	O	I	N	S	L			
SPACE	23.6	10.7	11.8	13.9	11.4	9	12	12.1	12.8	5.3	12.1	9.7	23.6	120.8
COPY														
SPACE														
COPY														
SPACE														
COPY														
SPACE														
COPY														
SPACE														
COPY														
SPACE														

SIGN NAME	TPK-XS2	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER				
WIDTH 14'-0"	WIDTH 1.75"				
HEIGHT 5'-0"	RADII 8"				
LEGEND White	COLOR White				
COLOR Green					
SYMBOL(S)	ANGLE	X	Y	WID	HT
SunPass_CAN	0	50.5	27	67	24
OtherETC	0	127.6	31.5	20	15
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

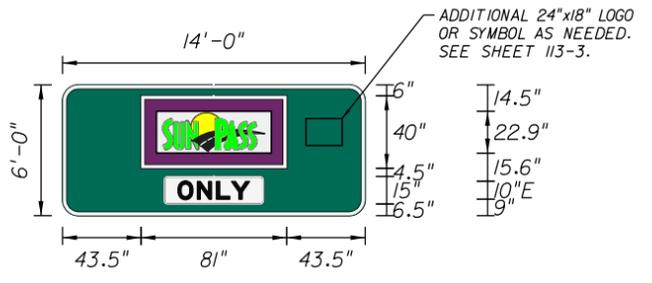
COPY	E	X	A	C	T	C	O	I	N	S	L			
SPACE	33.7	8.9	9.8	11.6	9.5	7.5	10	10.1	10.7	4.4	10.1	8.1	33.7	100.7
COPY														
SPACE														
COPY														
SPACE														
COPY														
SPACE														
COPY														
SPACE														

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

TOLL PLAZA SIGNING DETAILS MAINLINE CANOPY MOUNTED SIGN PANELS	
SHEET NO.	110-2

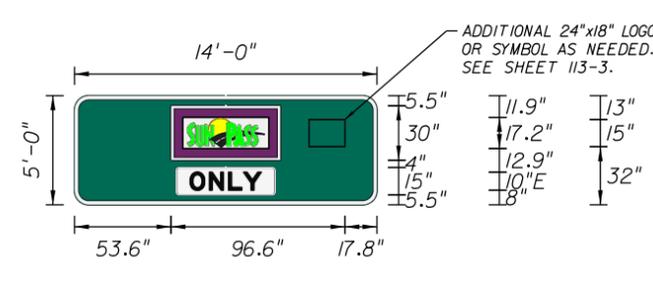
SIGN NAME	TPK-SI	QTY	I	SIGN NUMBER	STATION(S)
PANEL	BORDER				
WIDTH	14'-0"	WIDTH	2"		
HEIGHT	6'-0"	RADII	9"		
LEGEND	Black	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
OtherETC	0	135.2	38.5	20	15
SunPassSmall	0	52.1	34.6	63.8	22.9
LogoPanelSmall	0	43.5	26	81	40
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	SPACE	O	N	L	Y	L
	64	10.7	10.7	8.3	10.2	64.1 39.9
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					

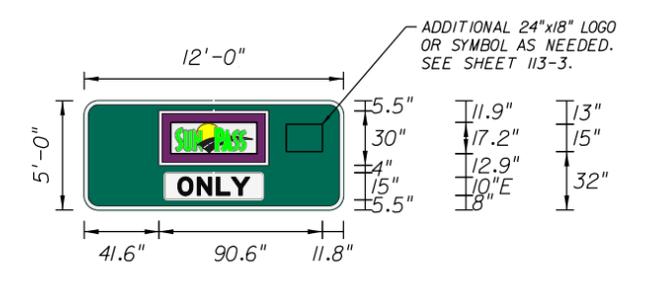
SIGN NAME	TPK-SI	QTY	I	SIGN NUMBER	STATION(S)
PANEL	BORDER				
WIDTH	14'-0"	WIDTH	2"		
HEIGHT	5'-0"	RADII	8"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
OtherETC	0	130.2	32	20	15
SunPassSmall	0	60.1	30.9	47.8	17.2
LogoPanelSmall	0	53.6	24.5	60.7	30
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	SPACE	O	N	L	Y	L
	64.1	10.7	10.7	8.3	10.2	64 39.9
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					

SIGN NAME	TPK-SI	QTY	I	SIGN NUMBER	STATION(S)
PANEL	BORDER				
WIDTH	12'-0"	WIDTH	2"		
HEIGHT	5'-0"	RADII	8"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
OtherETC	0	112.2	32	20	15
SunPassSmall	0	48.1	30.9	47.8	17.2
LogoPanelSmall	0	41.6	24.5	60.7	30
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	SPACE	O	N	L	Y	L
	52.1	10.7	10.7	8.3	10.2	52 39.9
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					

SIGN NAME	TPK-SI	QTY	I	SIGN NUMBER	STATION(S)
PANEL	BORDER				
WIDTH	12'-0"	WIDTH	2"		
HEIGHT	5'-0"	RADII	8"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
OtherETC	0	112.2	32	20	15
SunPassSmall	0	48.1	30.9	47.8	17.2
LogoPanelSmall	0	41.6	24.5	60.7	30
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	SPACE	O	N	L	Y	L
	52.1	10.7	10.7	8.3	10.2	52 39.9
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					
COPY	SPACE					
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COPY	SPACE					

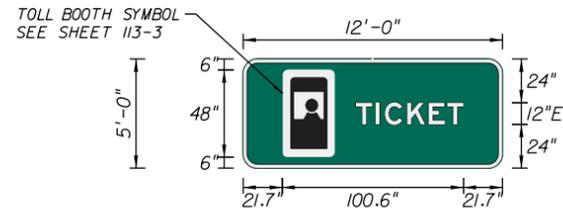
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

TOLL PLAZA SIGNING DETAILS MAINLINE CANOPY MOUNTED SIGN PANELS	
SHEET NO.	110-3

\$DATE\$

SIGN NAME	TPK-T1	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER				
WIDTH	12'-0"	WIDTH	2"		
HEIGHT	5'-0"	RADII	8"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
TB_CAN	0	21.7	6	29	48
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

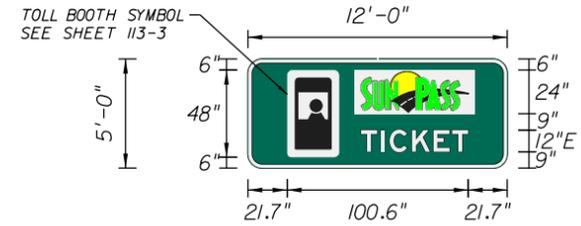
COPY	T	I	C	K	E	T	L
SPACE	62.7	11	4.9	12.5	11.9	10.3	9 21.7 59.6
COPY							
SPACE							
COPY							
SPACE							
COPY							
SPACE							
COPY							
SPACE							
COPY							
SPACE							

SIGN NAME	TPK-T1	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER				
WIDTH	WIDTH				
HEIGHT	RADII				
LEGEND	COLOR				
COLOR					
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

COPY							
SPACE							
COPY							
SPACE							
COPY							
SPACE							
COPY							
SPACE							
COPY							
SPACE							
COPY							
SPACE							

SIGN NAME	TPK-T2	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER				
WIDTH	12'-0"	WIDTH	2"		
HEIGHT	5'-0"	RADII	8"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SunPass_CAN	0	59	30	67	24
TB_CAN	0	21.7	6	29	48
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	T	I	C	K	E	T	L
SPACE	62.7	11	4.9	12.5	11.9	10.3	9 21.7 59.6
COPY							
SPACE							
COPY							
SPACE							
COPY							
SPACE							
COPY							
SPACE							
COPY							
SPACE							

SIGN NAME	TPK-T2	QTY	SIGN NUMBER	STATION(S)	
PANEL	BORDER				
WIDTH	WIDTH				
HEIGHT	RADII				
LEGEND	COLOR				
COLOR					
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

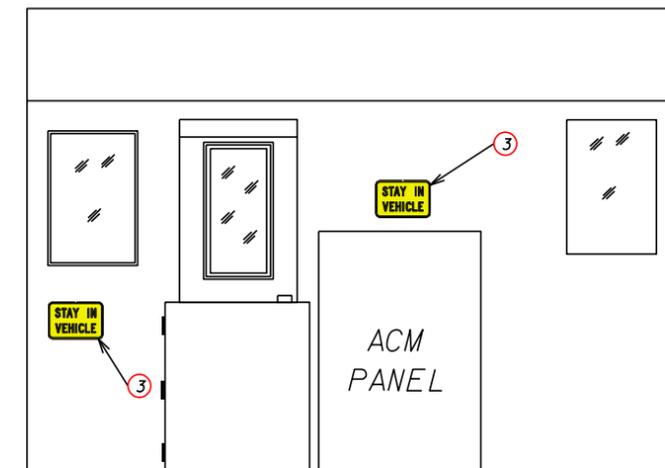
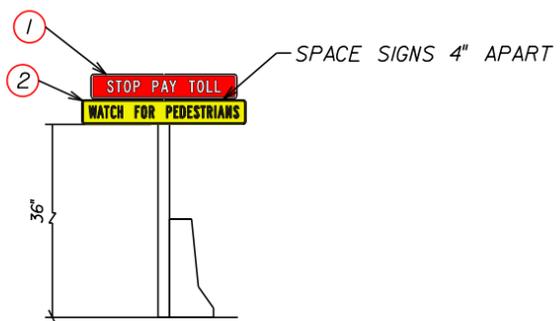
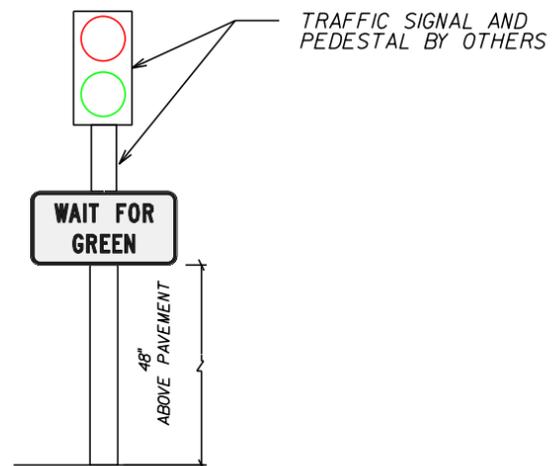
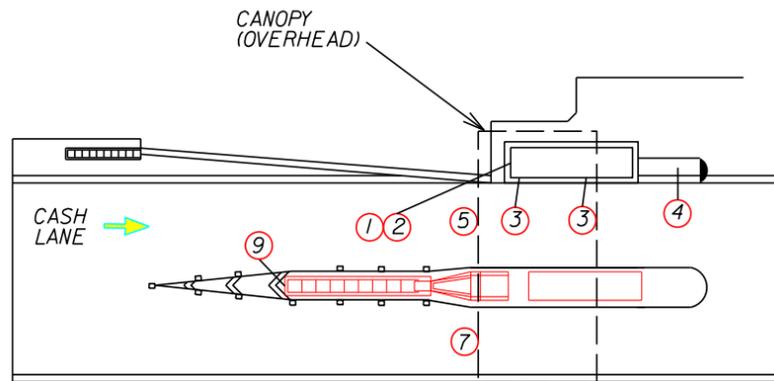
COPY							
SPACE							
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SPACE							

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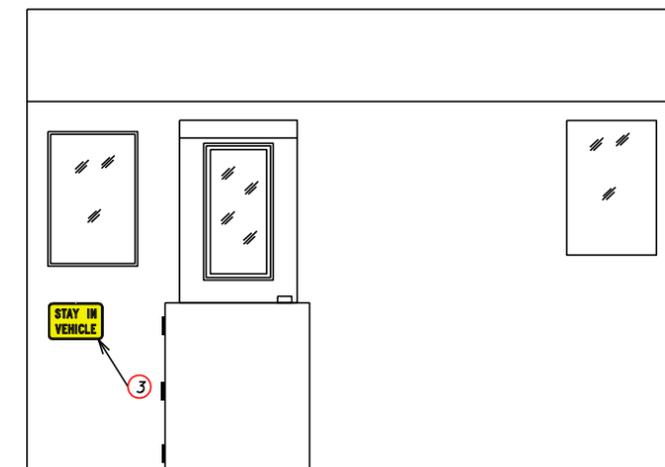
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

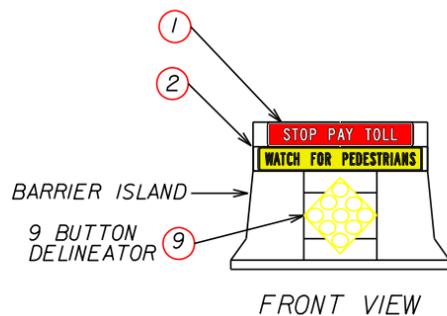
**TOLL PLAZA SIGNING DETAILS
RAMP CANOPY MOUNTED
SIGN PANELS**



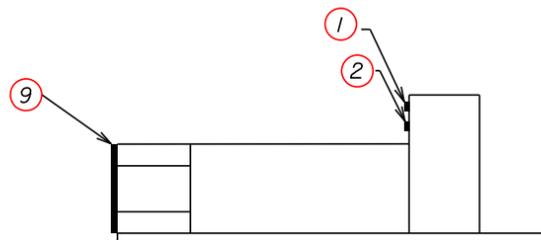
PARTIALLY STAFFED
SIGN PLACEMENT DETAIL



STAFFED 24 HOURS
SIGN PLACEMENT DETAIL



FRONT VIEW



SIDE VIEW

TOLL PLAZA SIGN SYMBOL LEGEND

	LEGEND OR DESCRIPTION	REMARKS
1	STOP PAY TOLL	MOUNT ON ISLAND GATORHEAD
2	WATCH FOR PEDESTRIANS	MOUNT ON ISLAND GATORHEAD
3	STAY IN VEHICLE	MOUNT ON TOLL BOOTH OR ACM
4*	WAIT FOR GREEN	MOUNT ON TOLL BOOTH
5	LANE DESIGNATION SIGN	MOUNT ON CANOPY
7	LANE DESIGNATION SIGN	MOUNT ON CANOPY
9	9 BUTTON DELINEATOR	MOUNT ON BLUNT END OF CONCRETE ISLAND AND ATTENUATOR

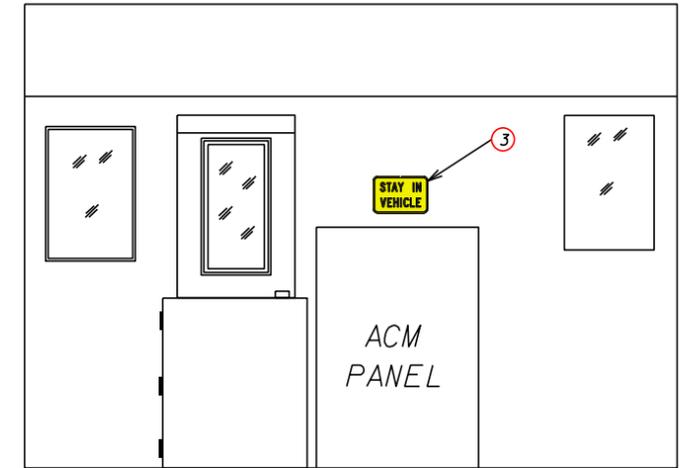
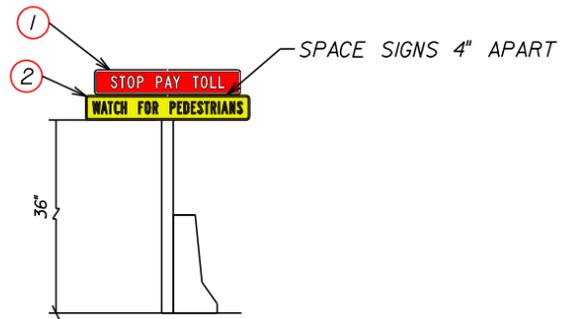
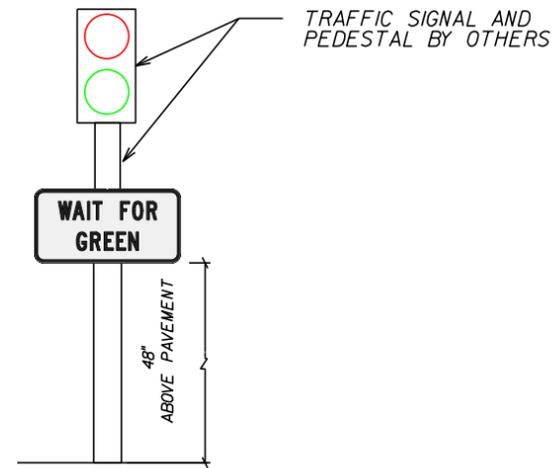
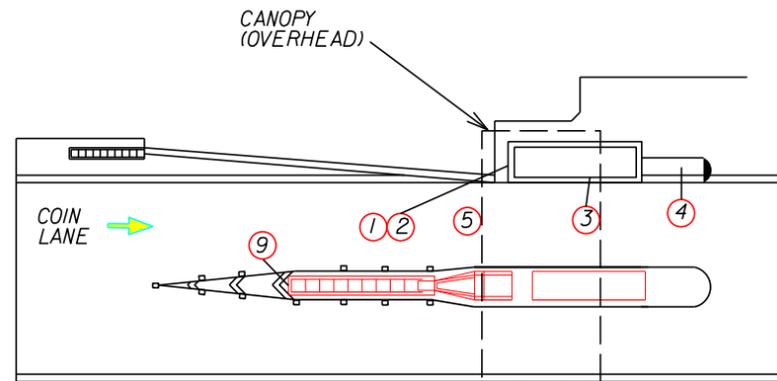
N.T.S.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

**CASH LANE
TOLL PLAZA
SIGNING LAYOUT**

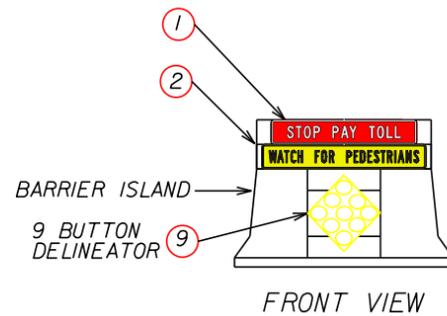
SHEET NO.
III-1



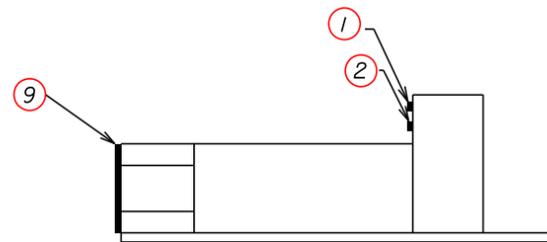
UNSTAFFED COIN LANE
SIGN PLACEMENT DETAIL

TOLL PLAZA SIGN SYMBOL LEGEND

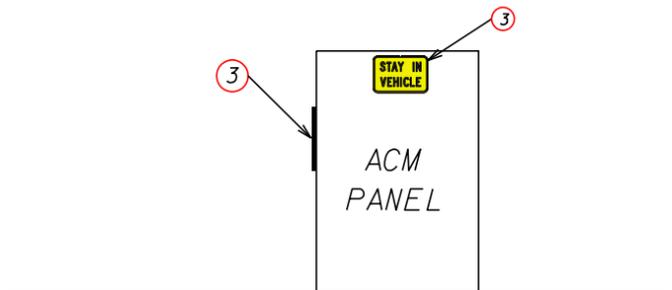
	LEGEND OR DESCRIPTION	REMARKS
1	STOP PAY TOLL	MOUNT ON ISLAND GATORHEAD
2	WATCH FOR PEDESTRIANS	MOUNT ON ISLAND GATORHEAD
3	STAY IN VEHICLE	MOUNT ON TOLL BOOTH OR ACM
4*	WAIT FOR GREEN	MOUNT ON TOLL BOOTH
5	LANE DESIGNATION SIGN	MOUNT ON CANOPY
9	9 BUTTON DELINEATOR	MOUNT ON BLUNT END OF CONCRETE ISLAND AND ATTENUATOR



FRONT VIEW



SIDE VIEW



UNSTAFFED COIN LANE - NO BOOTH
SIGN PLACEMENT DETAIL

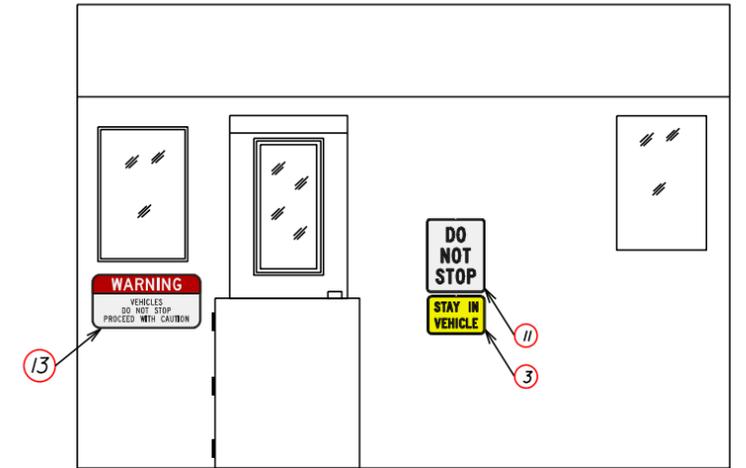
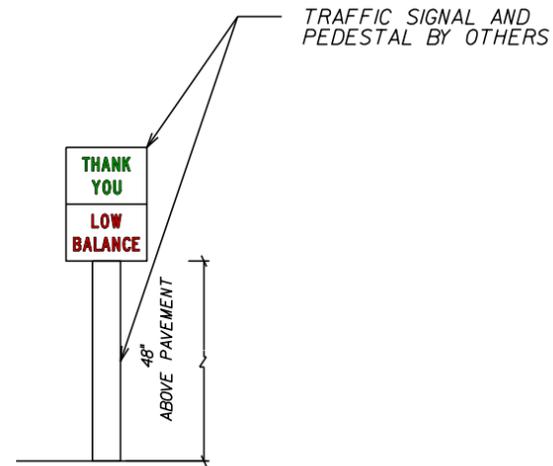
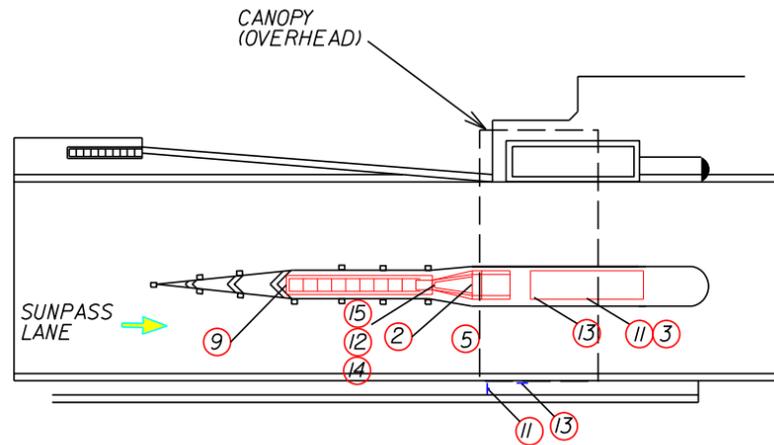
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REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

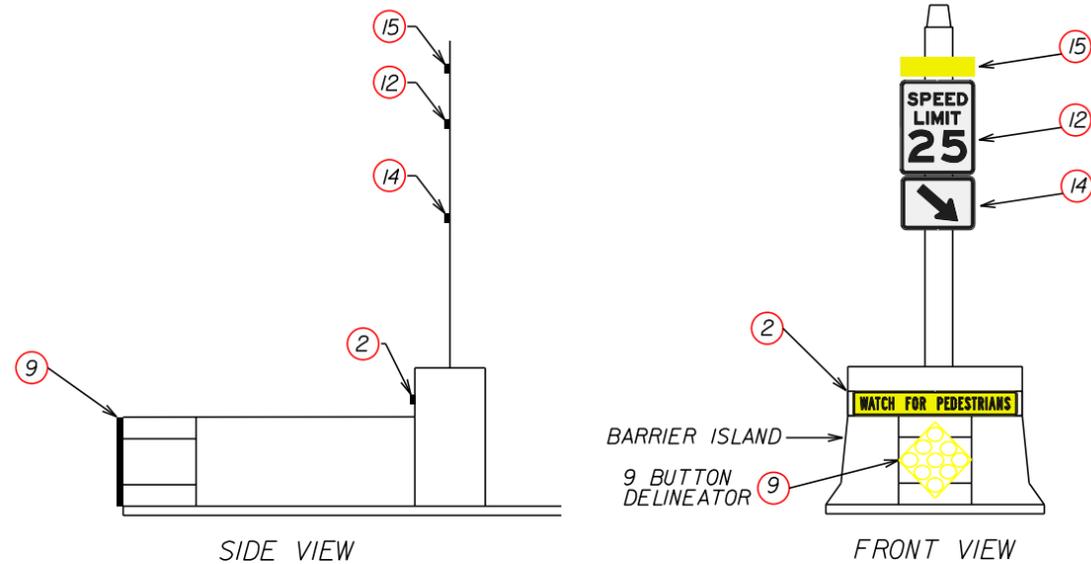
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

**COIN LANE
TOLL PLAZA
SIGNING LAYOUT**

SHEET NO.
III-2



SUNPASS LANE AND BOOTH
SIGN PLACEMENT DETAIL



TOLL PLAZA SIGN SYMBOL LEGEND		
LEGEND OR DESCRIPTION	REMARKS	
1	STOP PAY TOLL	MOUNT ON ISLAND GATORHEAD
2	WATCH FOR PEDESTRIANS	MOUNT ON ISLAND GATORHEAD
3	STAY IN VEHICLE	MOUNT ON TOLL BOOTH OR ACM
4	WAIT FOR GREEN	MOUNT ON TOLL BOOTH
5	LANE DESIGNATION SIGN	MOUNT ON CANOPY
9	9 BUTTON DELINEATOR	MOUNT ON BLUNT END OF CONCRETE ISLAND AND ATTENUATOR
11	DO NOT STOP	TOLL BOOTH OR GROUND MOUNT (IF NO BOOTH)
12	25 MPH	MOUNT ON ISLAND GATORHEAD
13	WARNING VEHICLES DO NOT STOP PROCEED WITH CAUTION	GROUND MOUNT ACROSS FROM WALKWAYS ON EACH SIDE AT A HEIGHT OF 5'0"
14	ARROW (M6-2)	MOUNT ON ISLAND GATOR HEAD
15	YELLOW PANEL	MOUNT ON ISLAND GATOR HEAD

N.T.S.

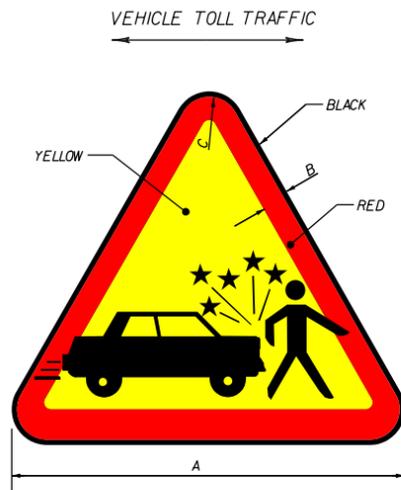
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

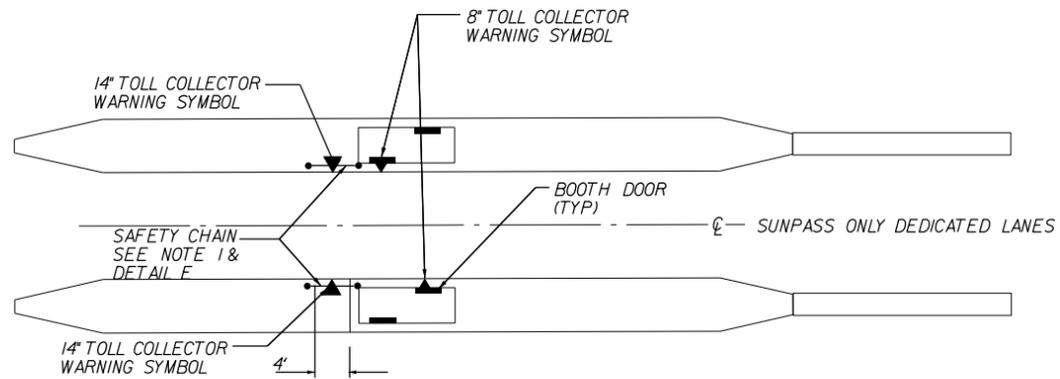
SUNPASS LANE TOLL PLAZA SIGNING LAYOUT		SHEET NO. III-3
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SYMBOL DIMENSIONS			
OVERALL SIZE	A	B	C
8"	8"	.6"	.6"
14"	14"	1"	1"

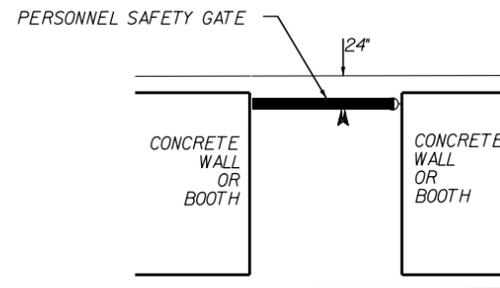
NOTE: SYMBOLS SHALL BE PLACED IN BOOTH DOORWAYS AND WALKWAYS AS SHOWN ON PLANS. SURFACES SHALL BE THOROUGHLY CLEANED PRIOR TO APPLICATION.



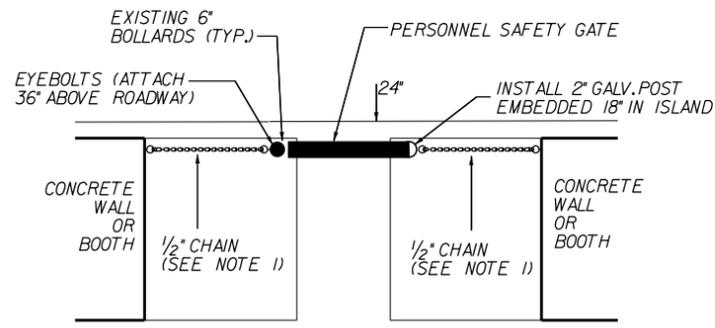
TYPICAL TOLL ATTENDANT WARNING SYMBOL
NTS



DETAIL "C"
TYPICAL ISLAND LOCATIONS FOR TOLL COLLECTOR WARNING SYMBOLS DEDICATED AND MIXED USE LANES
N.T.S.



DETAIL "D"
FOR MAINLINE PLAZA CROSSWALKS WITHOUT BOLLARDS. (DEDICATED LANES ONLY)
N.T.S.



DETAIL "E"
FOR MAINLINE PLAZA CROSSWALKS WITH BOLLARDS. (DEDICATED LANES ONLY)
N.T.S.

- NOTES:
- SIGNS SHALL BE MOUNTED ONLY ON ISLANDS BORDERING SUNPASS DEDICATED LANES.
 - SIGN TPK-5 (SEE DRAWING 103), ON ISLAND, TO BE FASTENED ON VERTICAL CONCRETE WALL WITH LAG SHIELDS. SIGN SHALL BE MOUNTED SO AS TO NOT OBSTRUCT ELECTRIC OUTLETS, JUNCTION BOXES, OR CONTROL CABINETS.
 - SIGN TPK-5 (SEE DRAWING 103), ON CONCRETE BOOTH, SHALL BE MOUNTED ABOVE WINDOW NEXT TO BOOTH DOOR AND CENTERED ON CONCRETE COLUMN. SIGN SHALL BE MOUNTED WITH LAG SHIELDS. CLEARANCES SHALL COMPLY WITH INDEX 17302.
 - SIGN TPK-5 (SEE DRAWING 103) SHALL BE POST MOUNTED ADJACENT TO SIDEWALK BETWEEN ADMINISTRATION BUILDING AND NEAREST TOLL LANE.

NOTES:

- SAFETY CHAINS SHALL CONSIST OF 1/2" YELLOW COLORED, VINYL-COATED STEEL CHAIN, SNAPHOOK, SHACKLES, EYEBOLTS, AND ANCHORS. THE SAFETY CHAINS SHALL BE ANCHORED TO CONCRETE WALL, MASONRY, OR BOLLARDS BY LAG SHIELDS AND 3/8" EYEBOLTS. STEEL BOLLARDS SHALL BE FIELD GALVANIZED AROUND HOLES AND YELLOW PAINT SHALL BE TOUCHED UP. CHAINS ARE TO BE INSTALLED ON DEDICATED LANE SIDE OF ISLANDS ONLY. INSTALL 2" GALVANIZED POSTS WITH END CAPS WHERE THERE ARE NO BOLLARDS AS SHOWN IN DETAIL-E. NO SAFETY CHAINS OR POSTS SHALL BE LOCATED TO INTERFERE WITH THE OPERATION OF ELECTRONIC VEHICLE SEPERATOR EQUIPMENT.

DATE\$

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

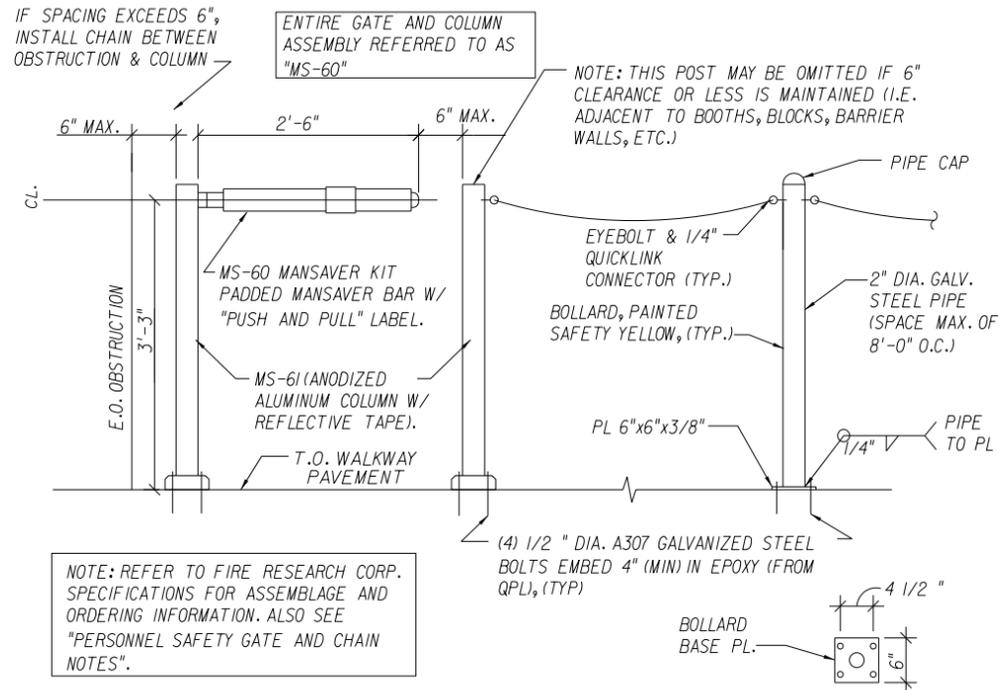
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO. COUNTY FINANCIAL PROJECT ID

TOLL PLAZA
SPECIAL DETAILS

SHEET NO.

III-4



1. PERSONNEL SAFETY GATES SHALL BE INSTALLED WHERE INDICATED ON PLANS. THESE GATES SHALL BE CONSTRUCTED WITH SAFETY BARS AS MANUFACTURED BY FIRE RESEARCH CO. (1-800-645-0074) OR EQUAL, AND SOLD UNDER THE BRAND NAME MANSAYER, MODEL MS-60. BARS SHALL BE PADDED WITH YELLOW VINYL COVERINGS AND SHALL BE THIRTY (30) INCHES IN LENGTH, INCLUDING THE DOUBLE ACTING HINGE. EACH GATE SHALL CONSIST OF ONE (1) ALUMINUM (6061-T6) MANSAYER BAR (MS-60 MANSAYER KIT) ATTACHED TO THE TOP OF AN EXTRUDED ALUMINUM (6065-T6) 3-INCH SQUARE CROSS SECTION ALUMINUM POST (MS-61) WITH AN ALUMINUM CAST KNUCKLE WITH A BASE FOR ANCHORING TO THE WALKWAY AREA. BASE PLATE SHOULD BE ANCHORED TO CONCRETE W/ (4) 1/2" DIA. A307 GALVANIZED STEEL ANCHOR BOLTS, EMBED 4" IN EPOXY. AN ADDITIONAL DUPLICATE POST SHALL BE PROVIDED WITH EACH GATE TO MOUNT. SIMILARLY TO THE WALKWAY PAVEMENT AT THE UNCONNECTED OR FREE END OF THE MANSAYER BAR. THIS ADDITIONAL POST MAY OR MAY NOT BE REQUIRED TO BE INSTALLED BASED ON FIELD CONDITIONS. THE POST AND GATE ASSEMBLY (TOGETHER) ARE REFERRED TO AS THE "MANSAYER BAR AND UPRIGHT STANCHION KIT", MODEL MS-60.

2. AN EYE BOLT SHALL BE MOUNTED AT THE TOP OF EACH POST FOR CONTINUATION OF SAFETY CHAIN. CAPS SHALL BE PROVIDED IN THE TOP OF THE POSTS. POSTS SHALL BE INSTALLED LEVEL. THE CENTERLINE OF THE MANSAYER BAR SHALL BE THIRTY-NINE (39) INCHES ABOVE THE WALKWAY PAVEMENT. POST EYE BOLTS SHALL ALSO ACCOMMODATE THE THIRTY-SIX (36) INCH (36") MOUNTING HEIGHT (ABOVE THE ISLAND) FOR SAFETY CHAIN.

3. CHAIN SHALL BE 4/0 STRAIGHT LINK COIL CHAIN POLY-COATED BLU-KROME MODEL NO. 14033-1117 AS MANUFACTURED BY COOPER (919-362-7541) OR EQUAL. THE CHAIN COLOR SHALL BE SAFETY YELLOW. THE CHAIN SHALL BE LOCATED ON THE ISLAND NO LESS THAN TWELVE (12) INCHES AND NO GREATER THAN EIGHTEEN (18) INCHES OFF THE EDGE OF THE ISLAND CURB ADJACENT TO THE LANE. THE CHAIN SHALL BE LOCATED APPROXIMATELY THIRTY-SIX (36) INCHES OFF THE SURFACE OF THE ISLAND, I.E., APPROXIMATELY FORTY-TWO (42) INCHES ABOVE THE LANE PAVEMENT. CHAIN SHALL BE ATTACHED TO THE BOLLARD EYE BOLTS AT BOTH ENDS WITH ONE-QUARTER (1/4) INCH QUICK LINK CONNECTORS, PART NO. 764-0536, AS MANUFACTURED BY COOPER, OR EQUAL. CHAIN SHALL BE INSTALLED SUCH THAT THERE IS MINIMAL CHAIN SAG ALLOWING REMOVAL OF THE CHAIN.

4. BOLLARDS: THE CONTRACTOR SHALL INSTALL THIRTY-SIX (36) INCH HIGH BOLLARDS OF TWO (2) INCH DIAMETER GALVANIZED STEEL PIPE AT SPACING NO GREATER THAN EIGHT (8) FEET APART. BOLLARDS SHALL BE CAPPED AND BE WELDED TO 6"x6"x3/8" BASE PLATE. BASE PLATE SHOULD BE BOLTED TO EXISTING CONCRETE SLAB W/ (4) 1/2" DIA. A307 GALVANIZED STEEL ANCHOR BOLTS, EMBED 4" IN EPOXY. PIPE SHALL BE PAINTED SAFETY YELLOW WITH A PAINT APPROPRIATE FOR APPLICATION TO GALVANIZED SURFACES. BOLLARDS SHALL BE ATTACHED PERMANENTLY TO THE ISLAND SURFACE AND SHALL NOT BE EASILY REMOVED WITHOUT POWER EQUIPMENT. USE OF EXISTING BOLLARDS IS ENCOURAGED BUT NOT AT THE EXPENSE OF DEVIATING FROM REQUIREMENTS HERE IN.

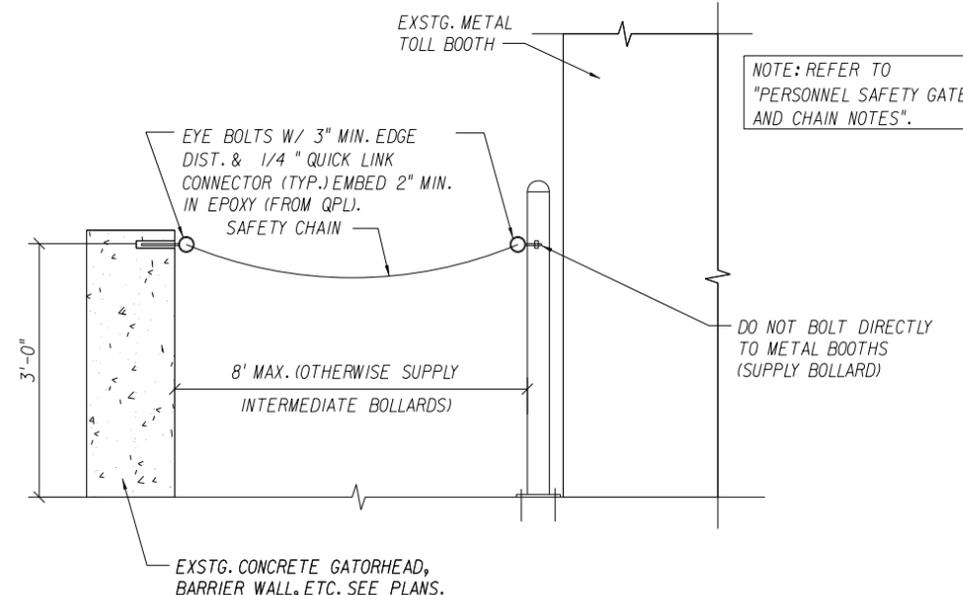
5. CHAIN ATTACHMENT: CHAIN AND QUICK LINKS SHALL BE CONNECTED TO BOLLARDS WITH EYE BOLTS. CHAIN SHALL NOT PASS THROUGH A RING ON THE BOLLARD BUT SHALL TERMINATE AT ONE, OR BOTH SIDES OF THE BOLLARD AS NECESSARY, WITH A QUICK LINK CONNECTOR. CHAIN MAY NOT BE ATTACHED TO AUTOMATIC COIN MACHINES, GATE HOUSINGS, ANY SUNPASS OR MISCELLANEOUS EQUIPMENT, OR PREFABRICATED TOLL BOOTHS.

6. SAFETY CHAIN CLEARANCES: TOLL EQUIPMENT (I.E. GATES, AUTOMATIC COIN MACHINES, SUNPASS EQUIPMENT, ETC.) OPERATION AND TECHNICIAN ACCESS SHALL NOT BE AFFECTED BY THE PLACEMENT OF CHAIN OR BOLLARDS. BOLLARD PLACEMENT SHALL BE NO FURTHER THAN NINE (9) INCHES AND NO CLOSER THAN SIX (6) INCHES FROM GATE HOUSINGS AND SHALL NOT CONFLICT WITH THE ENTRY AND EXIT OF PERSONNEL FROM TUNNEL STAIR WELLS. IF AUTOMATIC COIN MACHINES (ACMS) HAVE NOT BEEN REMOVED PRIOR TO SUNPASS CONVERSION, THE CONTRACTOR SHALL SUPPLY THE NECESSARY LENGTH OF CHAIN AND QUICK LINK CONNECTORS TO THE TURNPIKE TO CLOSE THE GAP WHERE THE ACM OR TOLL BOOTH ONCE OCCUPIED. IF ONLY AN ACM IS PRESENT ON THE ISLAND AND IT HAS NOT BEEN REMOVED PRIOR TO SUNPASS CONVERSION, THE CONTRACTOR SHALL INSTALL A POST ON THE ISLAND OR FLOOR PLATE ON EITHER SIDE OF THE ACM FOR CHAIN TERMINATION.

7. PERSONNEL SAFETY GATES: THE CONTRACTOR SHALL PROVIDE AND INSTALL PERSONNEL SAFETY GATES WHERE INDICATED ON PLANS. SAFETY BAR CENTERLINE HEIGHT SHALL BE THIRTY-NINE (39) INCHES ABOVE THE WALKWAY. THE SAFETY GATE SHALL ALWAYS BE ORIENTED SUCH THAT THE GATE HINGE IS LOCATED TO THE RIGHT SIDE ON APPROACH TO THE DEDICATED LANE (I.E., TO THE LEFT IF DEPARTING THE DEDICATED LANE.)

8. WALKWAY WIDTH AND CHANNELIZATION OF PERSONNEL: THE WALKWAY MAY BE GREATER WIDTH THAN THE WIDTH OF THE GATE, IN WHICH CASE THE CONTRACTOR SHALL "CHANNELIZE" ANY OPENINGS AROUND THE GATE BY CONNECTING ADDITIONAL CHAIN FROM THE SQUARE TUBULAR COLUMN BOLTED TO THE SAFETY BAR TO THE CLOSEST ALLOWABLE CONNECTION POINT, OR FROM THE SQUARE TUBULAR COLUMN LOCATED ADJACENT TO THE SWINGING GATE ARM AT THE CLOSEST ALLOWABLE CONNECTION POINT. THE DESIRABLE AND MAXIMUM WIDTH OF GAP BETWEEN THE SAFETY GATE ARM AND THE ADJACENT COLUMN IS SIX (6) INCHES. IN INSTANCES WHERE THE WALKWAY IS LESS THAN FOUR (4) FEET IN WIDTH, THE CONTRACTOR MAY RELOCATE THE SQUARE TUBULAR COLUMN WHICH IS NOT ATTACHED TO THE SAFETY BAR AND MOUNT IT ON THE ISLAND ADJACENT TO THE WALKWAY, OR ELIMINATE IT COMPLETELY IF THERE IS AN ADJACENT AND ALLOWABLE MOUNTING SURFACE WHICH DOES NOT ALLOW A GAP GREATER THAN SIX (6) INCHES IN WIDTH.

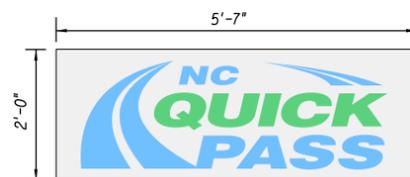
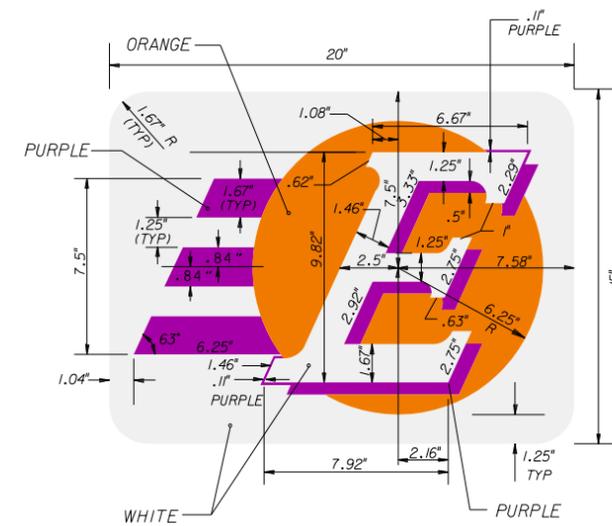
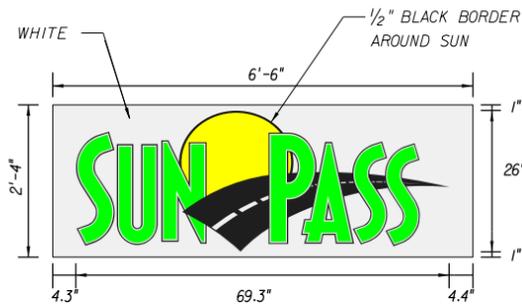
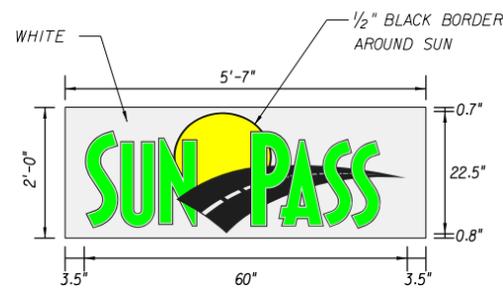
9. CHAIN AND GATE LAYOUT AND FIELD ISSUE RESOLUTION: THE CONTRACTOR SHALL USE GOOD JUDGMENT AND FOLLOW THE CRITERIA HEREIN AND AS INDICATED ON THE PLANS IN LAYOUT AND ATTACHMENT OF THE CHAIN AND PERSONNEL GATES WITHIN THE WALKWAYS. ANY QUESTIONABLE SITUATION WHICH REQUIRES CLARIFICATION IN THE FIELD SHALL BE BROUGHT TO THE ATTENTION OF THE DEPARTMENT'S FIELD REPRESENTATIVE AND TO THE ENGINEER.



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

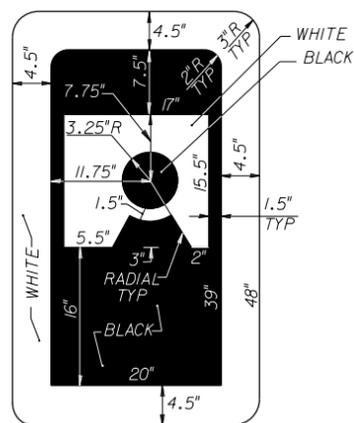
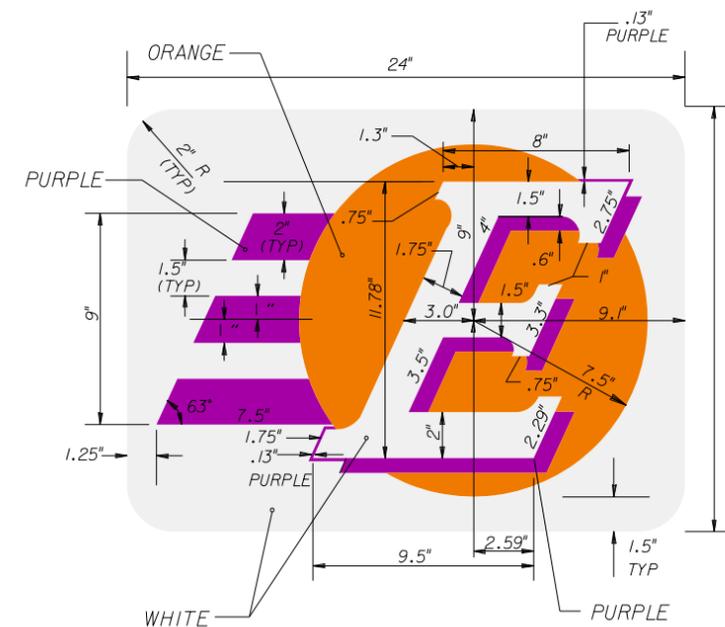
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

TOLL PLAZA
SPECIAL DETAILS

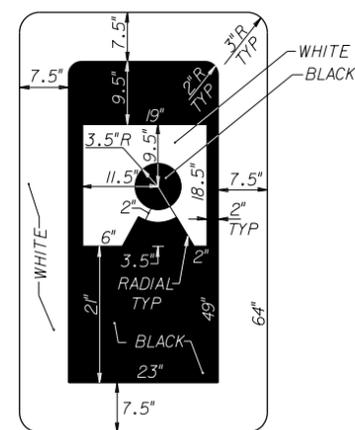


GENERAL NOTES FOR SUNPASS SHIELD ON MIXED-USE LANES

1. THE DEPARTMENT WILL PROVIDE THE LOGO IN MICROSTATION FORMAT FOR USE IN SIGN FABRICATION.
2. THE LOGO SHALL NOT BE FABRICATED BY HAND CUT OUT METHOD.
3. ALL SIGN COLORS SHALL BE STANDARD HIGHWAY COLORS AS SPECIFIED IN THE MUTCD



TOLL ATTENDANT SHIELD FOR CANOPY MOUNTED SIGNS
29" X 48"



TOLL ATTENDANT SHIELD FOR APPROACH SIGNS
38" X 64"

GENERAL NOTES FOR EPASS SHIELD:

1. EPASS LOGO COLORS:

WHITE
PURPLE, 3M VIOLET NO. 893 OR APPROVED EQUAL.
ORANGE, 3M ORANGE NO. 886 OR APPROVED EQUAL.

2. NARROW PORTIONS OF SPECIAL DESIGN COPY IN EPASS LOGO SHALL HAVE MINIMUM THICKNESS OF 1.00 INCH.
3. ALL DIMENSIONS ARE IN INCHES.
4. THIS SHIELD SHALL BE ATTACHED BY RIVETING METHOD ONLY. NO ADHESIVES OR OTHER MEANS ARE ALLOWED.

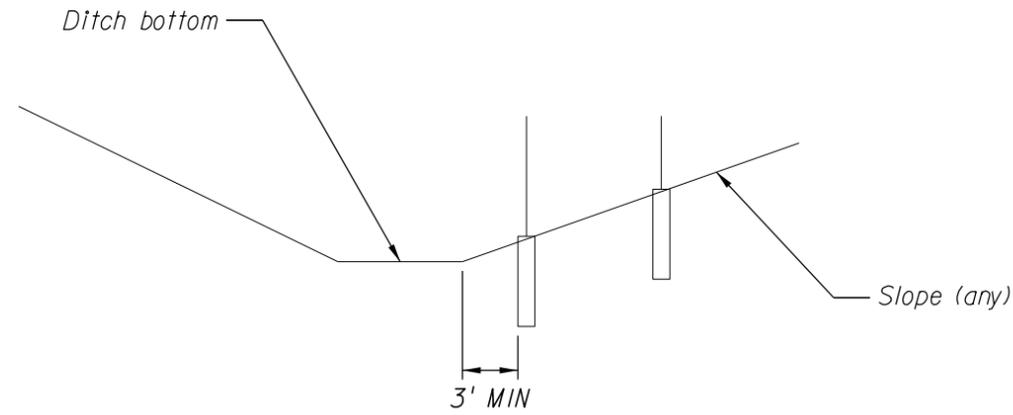
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REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

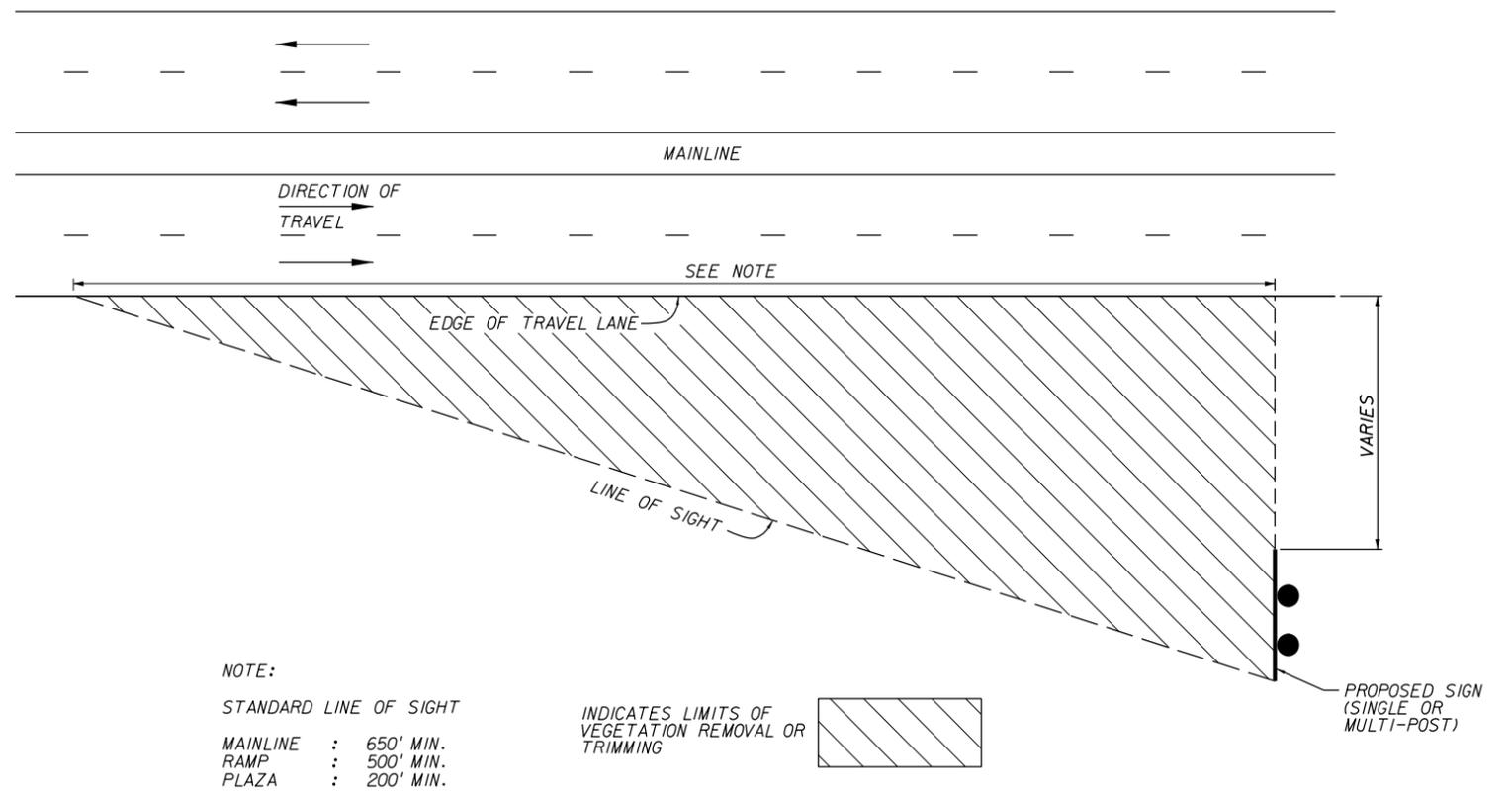
SPECIAL SIGN DETAILS PLAZA SHIELD DETAILS
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SHEET NO. 112-3



Sign post shall not be placed in any ditch bottom where standing water can occur or seasonal high water runoff can erode post foundation.

Sign posts shall not straddle ditch bottom.



N.T.S.

\$DATE\$

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

MISCELLANEOUS DETAILS SIGN PLACEMENT

SHEET NO. 113-4
