

SIGN NAME		TPK-ACI		QTY	1	SIGN NUMBER	SIGNATION(S)	
PANEL			BORDER					
WIDTH	12'-6"	WIDTH	2"					
HEIGHT	7'-6"	RADII	12"					
LEGEND	White	COLOR	White					
COLOR	Green							
SYMBOL(S)	ANGLE	X	Y	WID	HT			
TB-ADV	0	12.6	13	38	64			
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane		COLUMN SIZE		AVERAGE LENGTH		

SEPARATE DETAIL

12'-6"

7'-6"

13"

64"

13"

12.6"

124.8"

12.6"

24.5"

15"E

11"

15"E

24.5"

CASH LANES

[illegible][illegible]

Diagram of a SunPass Prepaid Tolls Only sign with dimensions and annotations:

- Overall Dimensions:** 16'-6" wide by 13'-0" high.
- Sign Content:** "PREPAID TOLLS ONLY" at the top, "SUN PASS" in large green letters in the center, and a black arrow pointing down at the bottom.
- Annotations:**
 - "1" BLACK BORDER AROUND SUN" points to the black border around the SunPass logo.
 - "60" OR SYMBOL IF NEEDED. SEE SEPARATE DETAIL" points to the SunPass logo.
 - "PLACE W13-1 SIGN IF NEEDED" points to the bottom left and right corners of the sign.
- Dimensions and Spacing:**
 - Top text: 12" (twice), 9" (twice).
 - Right side text: 24" (twice), 18" (twice), 7" (twice), 5" (twice), 22" (twice), 7" (twice).
 - Bottom text: 83" (twice), 32" (center), 83" (twice).
 - Left side text: 13'-0" (total), 6" (bottom left corner), 6" (bottom right corner).

[illegible][illegible]

Diagram of a blue rectangular sign with rounded corners. The sign contains the text "EXACT COINS CARS ONLY" in white, bold, sans-serif capital letters. The sign's overall dimensions are 15'-6" wide and 6'-0" high. The text is centered. Spacing dimensions are provided: 17.5" from the left edge to the start of the text, 151" between the start and end of the text, and 17.5" from the end of the text to the right edge. Vertical spacing dimensions on the right are 15.5" from the top edge to the top of the text, 15"E between the top and bottom of the text, 11" between the bottom of the text and the bottom of the sign, and 15.5" from the bottom of the sign to the bottom of the text.

[illegible][illegible]

NOTES:
1. ALTERNATE MESSAGE FOR "KEEP LEFT" IS SHOWN ON LINE 5

Diagram illustrating the dimensions and layout of a sign for PREPAID TOLLS ONLY, featuring the SUN PASS logo and the instruction KEEP LEFT.

Overall Dimensions:

- Width: 16'-6"
- Height: 13'-0"

Sign Content and Layout:

- Top Section: PREPAID TOLLS ONLY (Text)
- Middle Section: SUN PASS (Logo)
- Bottom Section: KEEP LEFT (Text)

Dimensions and Spacing (Vertical):

- Top Section: 12" (Text), 9" (Text), 9" (Text)
- Middle Section: 24" (Logo), 18" (Logo)
- Bottom Section: 7" (Text), 10" (Text), 12" (Text), 12" (Text)

Dimensions and Spacing (Horizontal):

- Left Section: 50.1"
- Middle Section: 97.8"
- Right Section: 50.1"

Additional Notes:

- 1" BLACK BORDER AROUND SUN
- PLACE W13-1 SIGN IF NEEDED
- ADDITIONAL LOGO OR SYMBOL IF NEEDED. SEE SEPARATE DETAIL
- PLACE W13-1 SIGN IF NEEDED

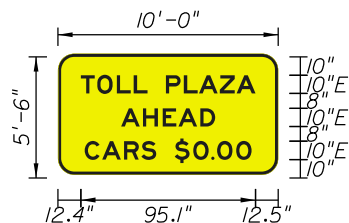
[illegible]

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	TOLL PLAZA SIGNING DETAILS MAINLINE APPROACH SIGN PANELS			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					101-1

[illegible]

NOTES:

1. TOLL AMOUNT \$0.00 IS FOR SPACING PURPOSES ONLY. PROPER TOLL AMOUNT SHALL BE SHOWN IN PLANS.



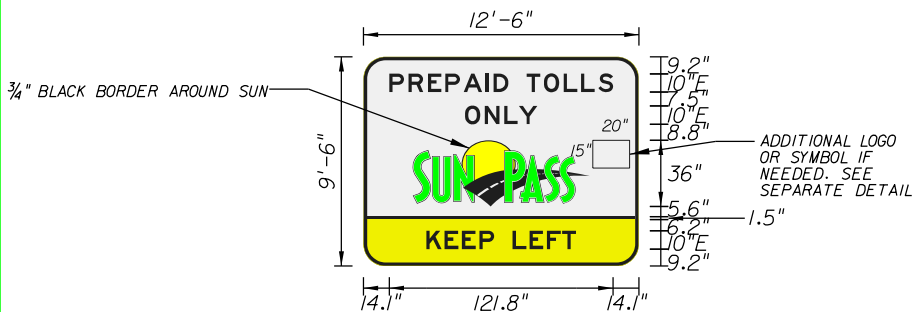
NO. OF LIGHT FIXTURES		FIXTURE SPACING		PHOTOMETRIC CURVE		WATT		VOLTAGE	
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[illegible]

SIGN NAME	TPK-AS4	QTY	1	SIGN NUMBER		STATION(S)	
PANEL		BORDER					
WIDTH	12'-6"	WIDTH	2"				
HEIGHT	9'-6"	RADII	12"				
LEGEND	Black	COLOR	Black				
COLOR	White/Yellow Fluorescent						
SYMBOL(S)	ANGLE	X	Y	WID	HT		
SP_LOGO	0	27	32.5	96	36		
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE		AVERAGE LENGTH		

NOTES:

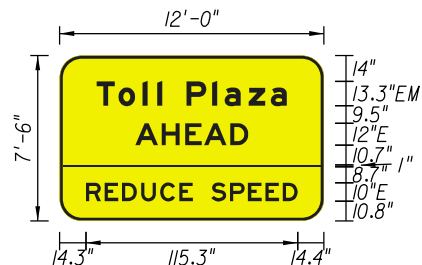
1. ALTERNATE MESSAGES FOR "KEEP LEFT" ARE SHOWN ON LINES 4, 5, AND 6



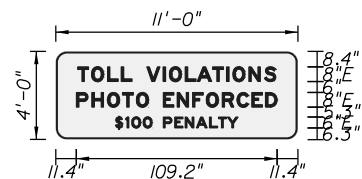
NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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[illegible]

R E V I S I O N S			
DATE	DESCRIPTION	DATE	DESCRIPTION

[illegible]

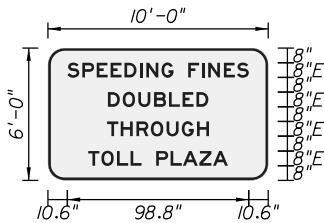
NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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[illegible][illegible]

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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[illegible]

SIGN NAME	TPK-FINE	QTY	I	SIGN NUMBER	STATION(S)
PANEL	BORDER				none
WIDTH	10'-0"	WIDTH	1.5"		
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	

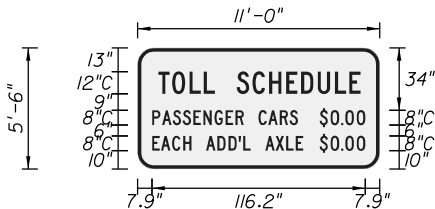


NO. OF LIGHT FIXTURES		FIXTURE SPACING		PHOTOMETRIC CURVE		WATT		VOLTAGE	

COPY		S	P	E	E	D	I	N	G		F	I	N	E	S		L						
SPACE	10.6	8.1	7.8	7.6	7.6	8.3	3.5	8.3	6.5	8	7.4	3.5	8.6	7.1	6.5	10.6	98.8						
COPY		D	O	U	B	L	E	D		L													
SPACE	32.5	8.1	8.6	8.6	8.1	7.4	7.6	6.5	32.6	54.9													
COPY		T	H	R	O	U	G	H		L													
SPACE	32.2	7.4	8.6	7.8	8.6	8.3	8.3	6.5	32.3	55.5													
COPY		T	O	L	L		P	L	A	Z	A		L										
SPACE	21.9	7.1	8.6	7.4	6	8	7.8	6.6	9	7.4	8.2	22	76.1										
COPY																							
SPACE																							
COPY																							
SPACE																							

SIGN NAME	TPK-TOLL5	QTY	I	SIGN NUMBER	STATION(S)
PANEL	BORDER				
WIDTH	11'-0"	WIDTH	2"		
HEIGHT	5'-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	

NOTES:
1. AMOUNT \$0.00 IS FOR SPACING PURPOSES ONLY. PROPER TOLL AMOUNT SHALL BE PROVIDED PRIOR TO FABRICATION OF SIGN.

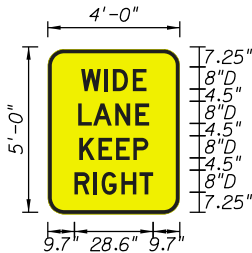


NO. OF LIGHT FIXTURES		FIXTURE SPACING		PHOTOMETRIC CURVE		WATT		VOLTAGE	

COPY		T	O	L	L		S	C	H	E	D	U	L	E		L							
SPACE	10.9	7.5	9.4	7.8	6.1	12	8.5	9.1	9.3	8.1	9.1	9.3	7.8	6.1	11	110.1							
COPY		P	A	S	S	E	N	G	E	R		C	A	R	S		L						
SPACE	7.9	5.4	5.8	5.4	5.8	5.4	6.1	6.1	5.4	4.5	8	5.4	6.2	5.4	4.5	44.7	79.4						
COPY		\$	0	.	0	0		L															
SPACE	99.2	5.9	5.8	2.3	6.2	4.7	7.9	24.9															
COPY		E	A	C	H		A	D	D	.	L		A	X	L	E		L					
SPACE	7.9	4.8	6.1	6.1	4.5	8	6.2	6.1	5.5	2.5	4.1	8	5.6	5.8	5.2	4.1	41.5	82.6					
COPY		\$	0	.	0	0		L															
SPACE	99.2	5.9	5.8	2.3	6.2	4.7	7.9	24.9															
COPY																							
SPACE																							

SIGN NAME	TPK-WIDE	QTY	I	SIGN NUMBER	STATION(S)
PANEL	BORDER				
WIDTH	4'-0"	WIDTH	1.5"		
HEIGHT	5'-0"	RADII	6"		
LEGEND	Black	COLOR	Black		
COLOR	Flourescent Yellow				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	

NOTES:
1. ALTERNATE MESSAGE FOR "RIGHT" IS SHOWN ON LINE 6



NO. OF LIGHT FIXTURES		FIXTURE SPACING		PHOTOMETRIC CURVE		WATT		VOLTAGE	

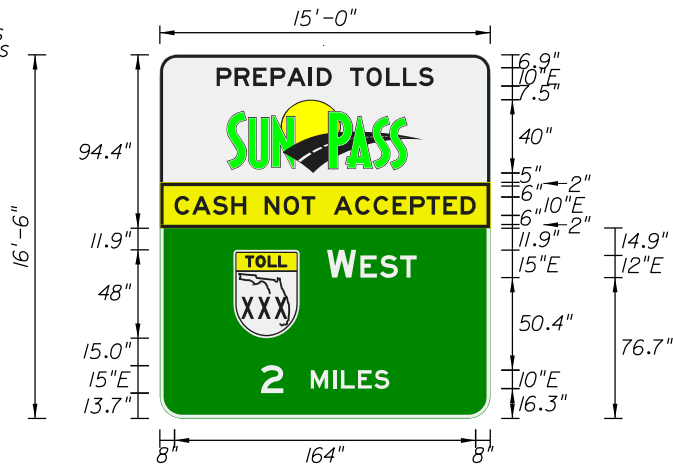
COPY		W	I	D	E		L																
SPACE	12.1	8.3	3.2	7.2	5	12.2	23.7																
COPY		L	A	N	E		L																
SPACE	11.1	5.4	8	7.4	5	11.1	25.8																
COPY		K	E	E	P		L																
SPACE	11.5	7	6.3	6.3	5.4	11.5	25																
COPY		R	I	G	H	T		L															
SPACE	9.7	6.8	3	7.2	6.6	5	9.7	28.6															
COPY																							
SPACE																							
COPY		L	E	F	T		L																
SPACE	12.2	6.4	6.4	5.9	4.9	12.2	23.6																

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TOLL PLAZA SIGNING DETAILS APPROACH SIGN PANELS			SHEET NO.				
DATE		DESCRIPTION											DATE		DESCRIPTION	
						ROAD NO.			COUNTY		FINANCIAL PROJECT ID		101-5			

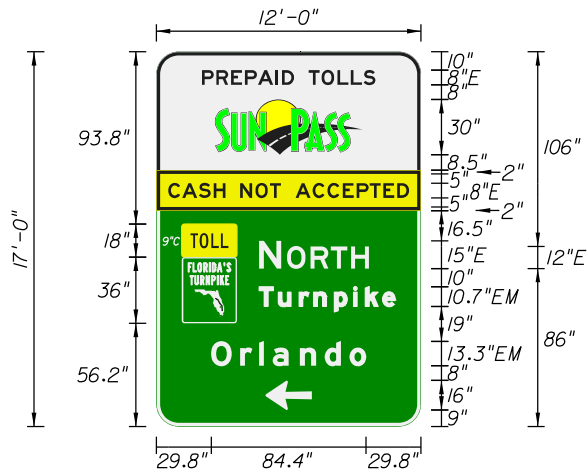
SIGN NAME		TPK-SPI			
QUANTITY		1			
WIDTH		15'-0"			
HEIGHT		16'-6"			
BORDER WIDTH		2"			
BORDER RADII		12"			
PANEL COLOR		White, Fluorescent Yellow, Green			
LEGEND		Black/Black, White			
BORDER		Black/Black, White			
SYMBOL(S)	ANGLE	X	Y	WID	HT
SP_LOGO	0	36.6	133.6	106.7	40
102A	0	40.1	44.5	36	48
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE STEEL		AVERAGE LENGTH	

NOTES:

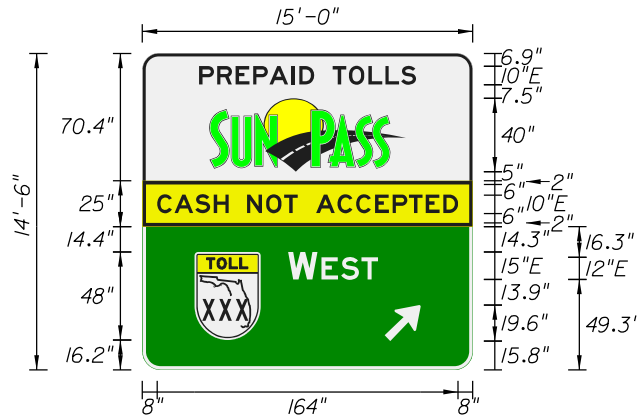
1. "2 MILES" MESSAGE IS FOR SPACING PURPOSES ONLY. APPROPRIATE MESSAGE SHALL BE SHOWN IN PLANS.

[illegible]

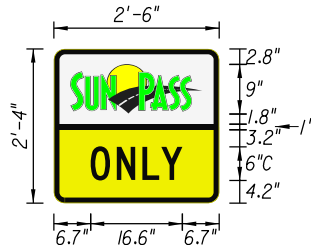
SIGN NAME		TPK-SIDE1			
QUANTITY		1			
WIDTH		12'-0"			
HEIGHT		17'-0"			
BORDER WIDTH		2"			
BORDER RADII		12"			
PANEL COLOR		White, Fluorescent Yellow, Green			
LEGEND		Black/Black, White			
BORDER		Black/Black, White			
SYMBOL(S)	ANGLE	X	Y	WID	HT
SP_LOGO	0	32	148	80	30
M4-15_TPK	0	13.8	92.2	30	18
TP_MD	0	13.8	56.2	30	36
ARMED	180	60	9	16	25.2
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE STEEL			AVERAGE LENGTH

[illegible]

SIGN NAME		TPK-SPGORE			
QUANTITY		1			
WIDTH		15'-0"			
HEIGHT		14'-6"			
BORDER WIDTH		2"			
BORDER RADII		12"			
PANEL COLOR		White/Fluorescent Yellow/Green			
LEGEND		Black/Black/White			
BORDER		Black/Black/White			
SYMBOL(S)	ANGLE	X	Y	WID	HT
SP_LOGO	0	36.6	133.6	106.7	40
102A	0	40.1	39.6	36	48
ARMED	45	237	87.2	16	25.2
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE		AVERAGE LENGTH	

[illegible]

SIGN NAME		TPK-SIDE2				
QUANTITY		1				
WIDTH		2'-6"				
HEIGHT		2'-4"				
BORDER WIDTH		1"				
BORDER RADII		2"				
PANEL COLOR		White/Fluorescent Yellow				
LEGEND		Black				
BORDER		Black				
SYMBOL(S)		ANGLE	X	Y	WID	HT
SP_LOGO		0	3.0	16.2	24	9
SIGN NUMBER		COLUMN SIZE			AVERAGE LENGTH	
CLEARANCE EDGE OF LANE						

[illegible]

R E V I S I O N S			
DATE	DESCRIPTION	DATE	DESCRIPTION

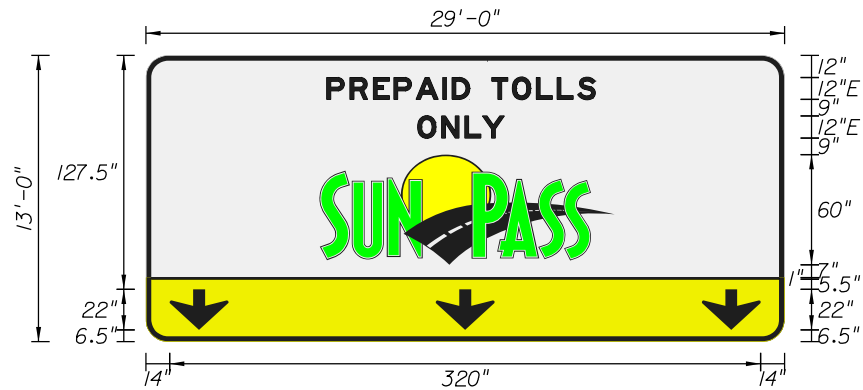
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

*SUNPASS ONLY SIGNING DETAILS
MAINLINE & SIDE ROAD
SIGN PANELS*

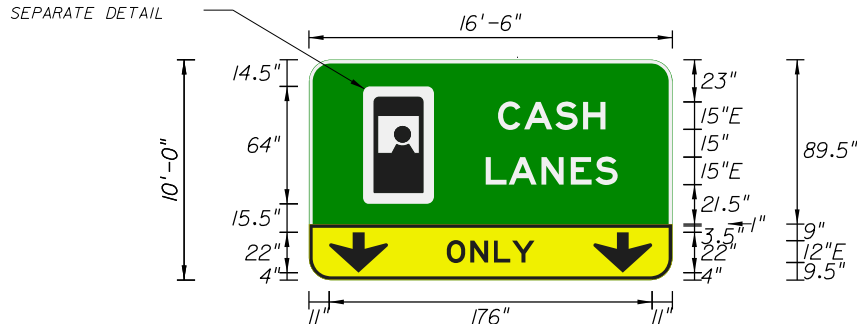
SHEET
NO.

101-6

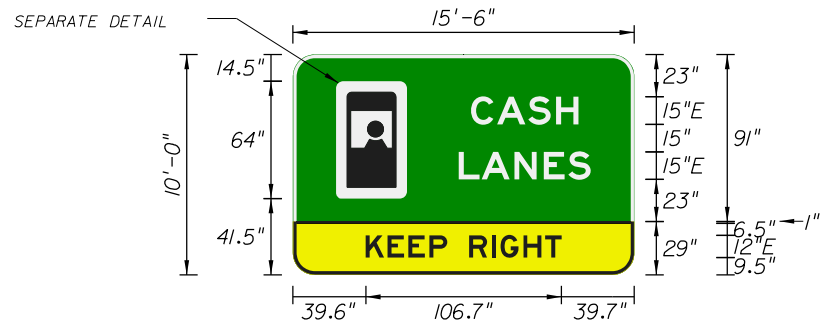
SIGN NAME		TPK-SPX3			
QUANTITY		1			
WIDTH		29'-0"			
HEIGHT		13'-0"			
BORDER WIDTH		3"			
BORDER RADII		12"			
PANEL COLOR		White, Fluorescent Yellow			
LEGEND		Black			
BORDER		Black			
SYMBOL(S)	ANGLE	X	Y	WID	HT
SP_LOGO	0	94	42	160.8	60
ARDOWN	0	14	6.5	32	22
ARDOWN	0	158	6.5	32	22
ARDOWN	0	302	6.5	32	22
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE STEEL		AVERAGE LENGTH	

[illegible]

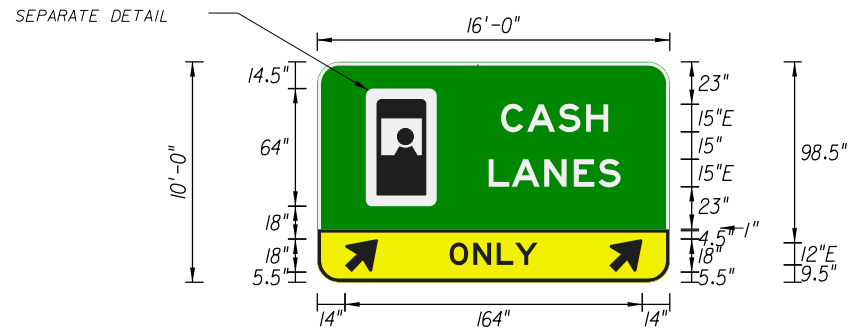
SIGN NAME		TPK-CPX2			
QUANTITY		1			
WIDTH		16'-6"			
HEIGHT		10'-0"			
BORDER WIDTH		2"			
BORDER RADII		12"			
PANEL COLOR		Green, Fluorescent Yellow			
LEGEND		White, Black			
BORDER		White, Black			
SYMBOL(S)	ANGLE	X	Y	WID	HT
TB.ADV	0	29.8	41.5	38	64
AR.DOWN	0	11	4	32	22
AR.DOWN	0	155	4	32	22
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE STEEL			AVERAGE LENGTH

[illegible]

SIGN NAME		TPK-CPXI				
QUANTITY		1				
WIDTH		15'-6"				
HEIGHT		10'-0"				
BORDER WIDTH		2"				
BORDER RADII		12"				
PANEL COLOR		Green, Fluorescent Yellow				
LEGEND		White, Black				
BORDER		White, Black				
SYMBOL(S)		ANGLE	X	Y	WID	HT
TB_ADV		0	23.8	41.5	38	64
SIGN NUMBER		CLEARANCE EDGE OF LANE		COLUMN SIZE		AVERAGE LENGTH

[illegible]

SIGN NAME		TPK-CPX3				
QUANTITY		1				
WIDTH		16'-0"				
HEIGHT		10'-0"				
BORDER WIDTH		2"				
BORDER RADII		12"				
PANEL COLOR		Green, Fluorescent Yellow				
LEGEND		White, Black				
BORDER		White, Black				
SYMBOL(S)		ANGLE	X	Y	WID	HT
TB_ADV		0	26.8	41.5	38	64
ARSHRT		45	14	5.5	20	22.5
ARSHRT		45	158	5.5	20	22.5
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE			AVERAGE LENGTH	

[illegible]

R E V I S I O N S					STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ORT SIGNING DETAILS MAINLINE SIGN PANELS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
									101-7

SIGN NAME	TPK-CPX4	QTY	I	SIGN NUMBER	STATION(S)
PANEL	BORDER				
WIDTH	16'-6"	WIDTH	2"		
HEIGHT	10'-0"	RADII	12"		
LEGEND	Wht,Blk	COLOR	White		
COLOR	Green/Flourescent Yellow				
SYMBOL(S)	ANGLE	X	Y	WID	HT
TB_ADV	0	29.8	41.5	38	64
ARDOWN	0	11	3.5	32	22
ARDOWN	0	155	3.5	32	22
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE <small>Edge Of Lane</small>	COLUMN SIZE	AVERAGE LENGTH	

SEPARATE DETAIL

NO. OF LIGHT FIXTURES

FIXTURE SPACING

PHOTOMETRIC CURVE

WATT

VOLTAGE

COPY		C	A	S	H		L												
SPACE	103	14.2	16.9	15.1	12.1	36.7	58.3												
COPY		L	A	N	E	S		L											
SPACE	96.2	12.4	17.9	16	13.3	12.2	30	71.8											
COPY		O	N	L	Y		L												
SPACE	90	12.8	12.8	10	12.2	60.2	47.8												
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			

SIGN NAME		QTY	I	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 <small>Edge Of Lane</small>	COLUMN SIZE	AVERAGE LENGTH	

NO. OF LIGHT FIXTURES

FIXTURE SPACING

PHOTOMETRIC CURVE

WATT

VOLTAGE

COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			

SIGN NAME	TPK-CPX5	QTY	I	SIGN NUMBER	STATION(S)
PANEL	BORDER				
WIDTH	16'-0"	WIDTH	2"		
HEIGHT	10'-0"	RADII	12"		
LEGEND	Wht/Blk	COLOR	White		
COLOR	Green/Flourescent Yellow				
SYMBOL(S)	ANGLE	X	Y	WID	HT
TB_ADV	0	26.7	41.5	38	64
ARSHRT	45	14	5.5	20	22.5
ARSHRT	45	160	5.5	20	22.5
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE <small>Edge Of Lane</small>	COLUMN SIZE	AVERAGE LENGTH	

SEPARATE DETAIL

NO. OF LIGHT FIXTURES

FIXTURE SPACING

PHOTOMETRIC CURVE

WATT

VOLTAGE

COPY		C	A	S	H		L												
SPACE	100	14.2	16.9	15.1	12.1	33.7	58.3												
COPY		L	A	N	E	S		L											
SPACE	93.2	12.4	17.9	16	13.3	12.2	27	71.8											
COPY		O	N	L	Y		L												
SPACE	86	12.8	12.8	10	12.2	58.2	47.8												
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			

SIGN NAME		QTY	I	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 <small>Edge Of Lane</small>	COLUMN SIZE	AVERAGE LENGTH	

NO. OF LIGHT FIXTURES

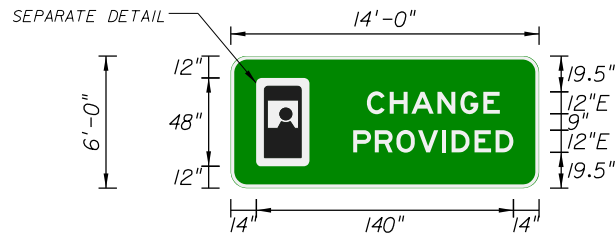
FIXTURE SPACING

PHOTOMETRIC CURVE

WATT

VOLTAGE

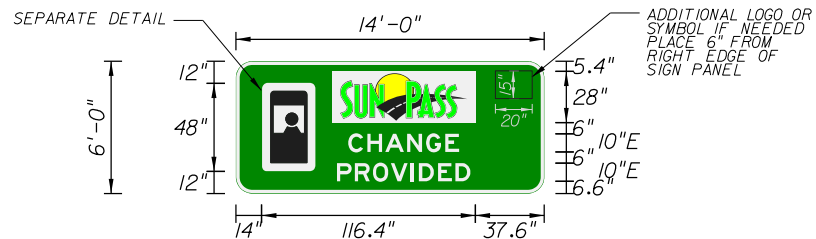
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			

[illegible]

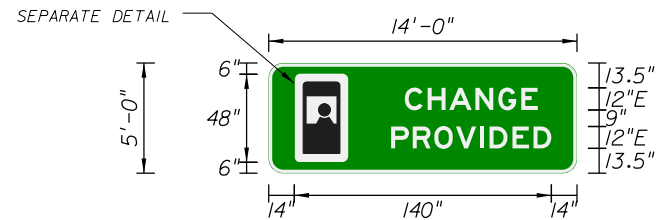
NO. OF LIGHT FIXTURES		FIXTURE SPACING		PHOTOMETRIC CURVE		WATT		VOLTAGE	
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[illegible]

SIGN NAME	TPK-CSI	QTY	I	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
SP_CAN	0	54.4	38.1	74	28
TB_CAN	0	14	12	29	48
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE		AVERAGE LENGTH



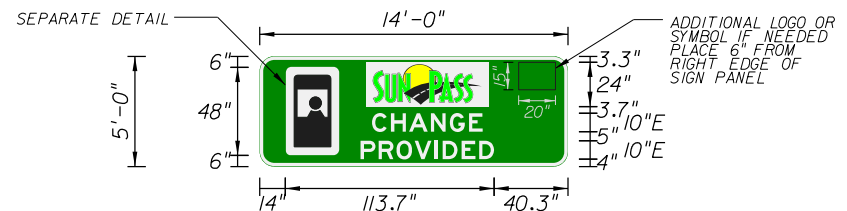
NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
-----------------------	-----------------	-------------------	------	---------

[illegible][illegible]

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
-----------------------	-----------------	-------------------	------	---------

[illegible]

SIGN NAME	TPK-CS2	QTY	1	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	
SP_CAN	0	57.9	32.7	67	24	
TB_CAN	0	14	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
-----------------------	-----------------	-------------------	------	---------

[illegible]

R E V I S I O N S			
DATE	DESCRIPTION	DATE	DESCRIPTION

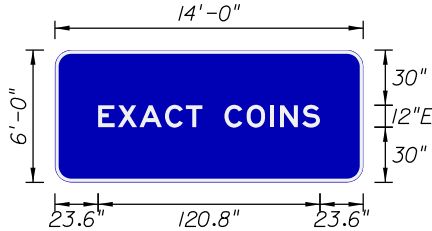
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

*TOLL PLAZA SIGNING DETAILS
CANOPY MOUNTED
SIGN PANELS*

SHEET
NO.

102-1

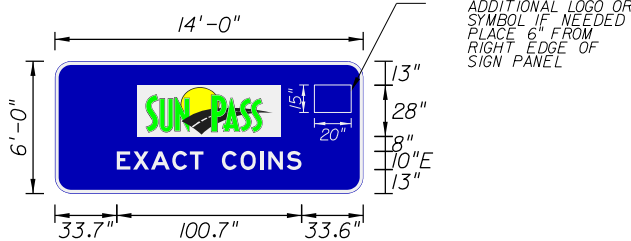
SIGN NAME	TPK-X1	QTY	I	SIGN NUMBER	STATION(S)
PANEL		BORDER			
WIDTH	14'-0"	WIDTH	2"		
HEIGHT	6'-0"	RADII	9"		
LEGEND	White	COLOR	White		
COLOR	Blue				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE <small>Edge Of Lane</small>	COLUMN SIZE		AVERAGE LENGTH



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																												

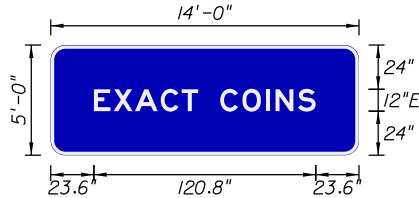
SIGN NAME	TPK-XS1	QTY	I	SIGN NUMBER	STATION(S)
PANEL		BORDER			
WIDTH	14'-0"	WIDTH	2"		
HEIGHT	6'-0"	RADII	9"		
LEGEND	White	COLOR	White		
COLOR	Blue				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SP_CAN	0	45	31	78	28
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE <small>Edge Of Lane</small>	COLUMN SIZE		AVERAGE LENGTH



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	33.6	100.7														
COPY																												
SPACE																												
COPY																												
SPACE																												
COPY																												
SPACE																												
COPY																												
SPACE																												
COPY																												
SPACE																												

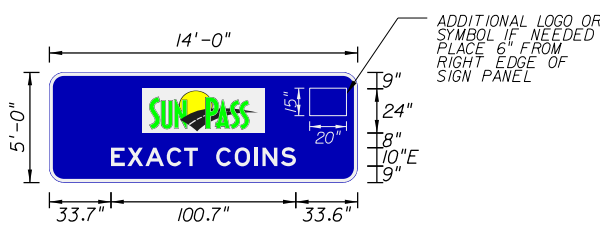
SIGN NAME	TPK-X2	QTY	I	SIGN NUMBER	STATION(S)
PANEL		BORDER			
WIDTH	14'-0"	WIDTH	2"		
HEIGHT	5'-0"	RADII	8"		
LEGEND	White	COLOR	White		
COLOR	Blue				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE <small>Edge Of Lane</small>	COLUMN SIZE		AVERAGE LENGTH



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																												

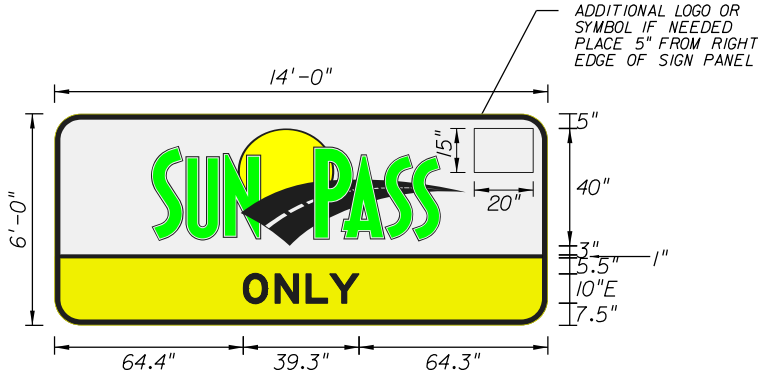
SIGN NAME	TPK-XS2	QTY	I	SIGN NUMBER	STATION(S)
PANEL		BORDER			
WIDTH	14'-0"	WIDTH	2"		
HEIGHT	5'-0"	RADII	8"		
LEGEND	White	COLOR	White		
COLOR	Blue				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SP_CAN	0	50.6	27	66.9	24
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE <small>Edge Of Lane</small>	COLUMN SIZE		AVERAGE LENGTH



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	33.6	100.7														
COPY																												
SPACE																												
COPY																												
SPACE																												
COPY																												
SPACE																												
COPY																												
SPACE																												
COPY																												
SPACE																												

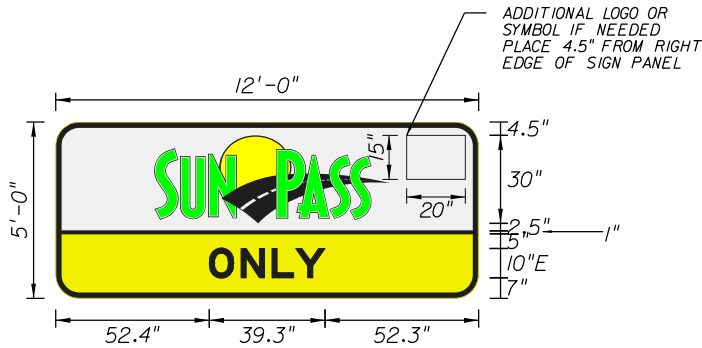
SIGN NAME		TPK-SI			
QUANTITY		1			
WIDTH		14'-0"			
HEIGHT		6'-0"			
BORDER WIDTH		2"			
BORDER RADII		9"			
PANEL COLOR		White/Fluorescent Yellow			
LEGEND		Black/Black			
BORDER		Black/Black			
SYMBOL(S)	ANGLE	X	Y	WID	HT
SP_LOGO	0	33.1	27	106.7	40
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE STEEL			AVERAGE LENGTH



FOR SINGLE DEDICATED USE ONLY

[illegible]

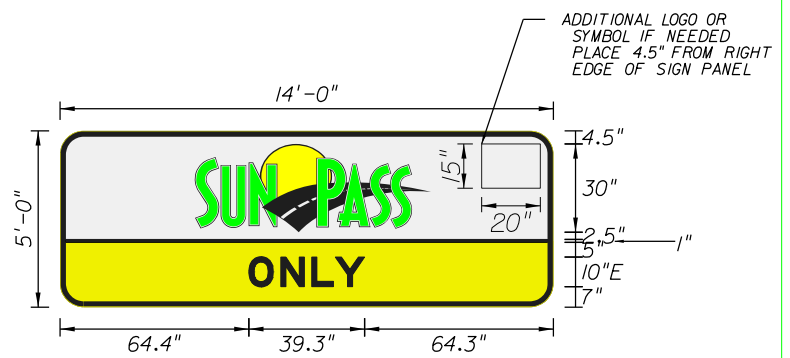
SIGN NAME		TPK-S3			
QUANTITY		1			
WIDTH		12'-0"			
HEIGHT		5'-0"			
BORDER WIDTH		2"			
BORDER RADII		8"			
PANEL COLOR		White/Fluorescent Yellow			
LEGEND		Black/Black			
BORDER		Black/Black			
SYMBOL(S)	ANGLE	X	Y	WID	HT
SP_LOGO	0	33.7	25.5	80	30
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE STEEL		AVERAGE LENGTH	



FOR SINGLE DEDICATED USE ONLY

[illegible]

SIGN NAME		TPK-S2			
QUANTITY		1			
WIDTH		14'-0"			
HEIGHT		5'-0"			
BORDER WIDTH		2"			
BORDER RADII		8"			
PANEL COLOR		White/Fluorescent Yellow			
LEGEND		Black/Black			
BORDER		Black/Black			
SYMBOL(S)	ANGLE	X	Y	WID	HT
SP_LOGO	0	46	25.5	80	30
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE			AVERAGE LENGTH



FOR SINGLE DEDICATED USE ONLY

[illegible]

SIGN NAME						
QUANTITY						
WIDTH						
HEIGHT						
BORDER WIDTH						
BORDER RADII						
PANEL COLOR						
LEGEND						
BORDER						
SYMBOL(S)	ANGLE	X	Y	WID	HT	
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE			AVERAGE LENGTH	

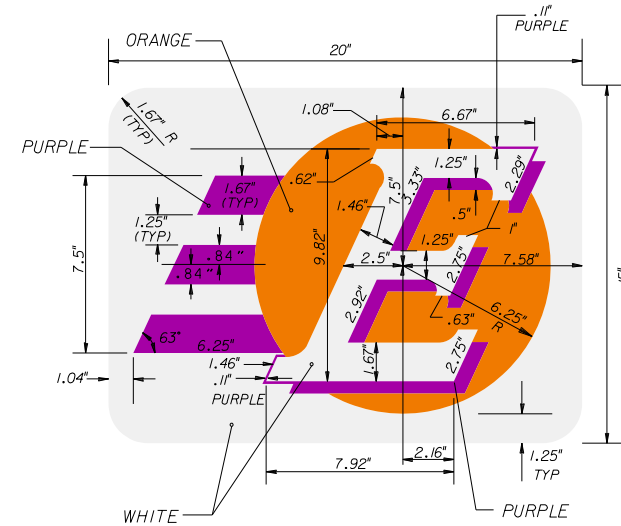
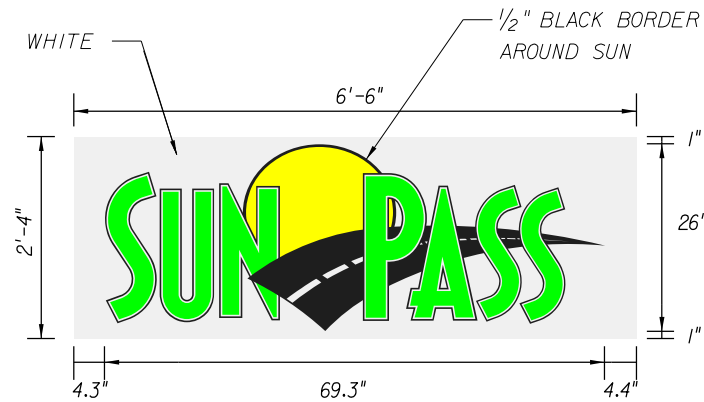
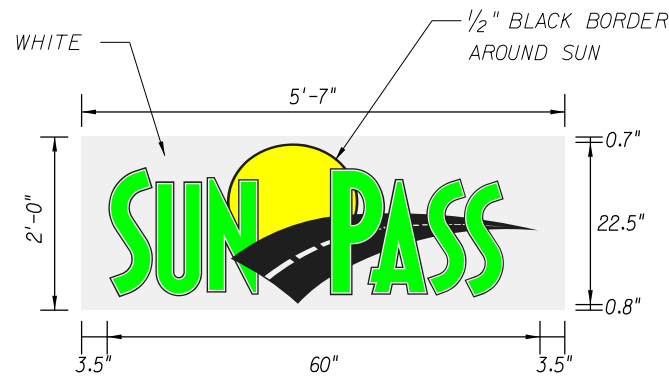
[illegible]

R E V I S I O N S					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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

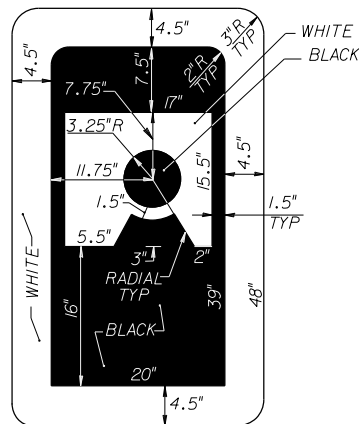
***TOLL PLAZA SIGNING DETAILS
CANOPY MOUNTED
SIGN PANELS***

SHEET NO.	102-3
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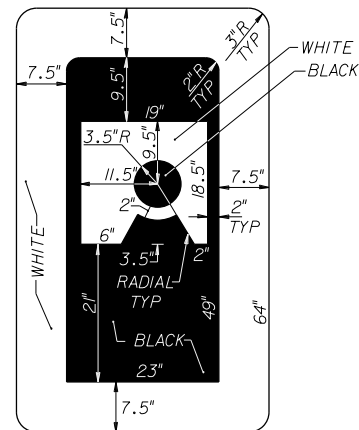


GENERAL NOTES FOR SUNPASS SHIELD ON MIXED-USE LANES

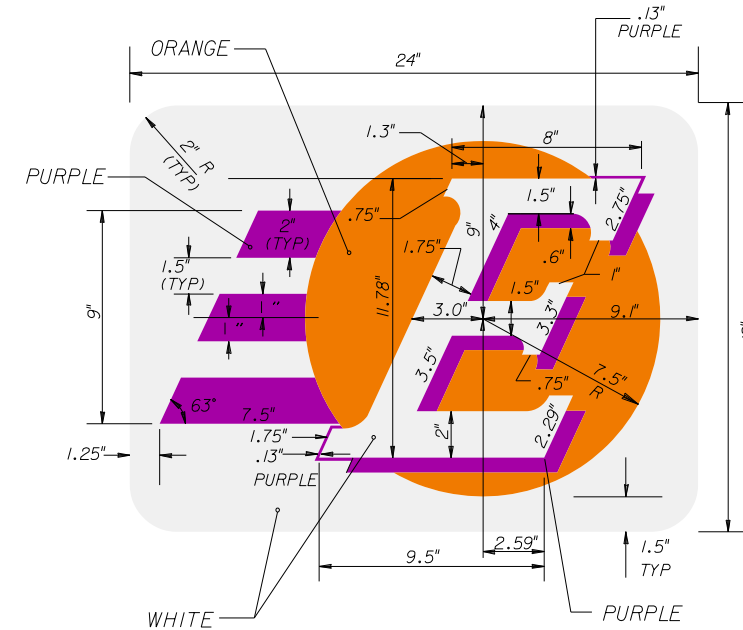
1. THE DEPARTMENT WILL PROVIDE THE LOGO IN MICROSTATION FORMAT FOR USE IN SIGN FABRICATION.
2. THE LOGO SHALL NOT BE FABRICATED BY HAND CUT OUT METHOD.
3. ALL SIGN COLORS SHALL BE STANDARD HIGHWAY COLORS AS SPECIFIED IN THE MUTCD



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



TOLL ATTENDANT SHIELD
FOR APPROACH SIGNS
38" X 64"



GENERAL NOTES FOR EPASS SHIELD:

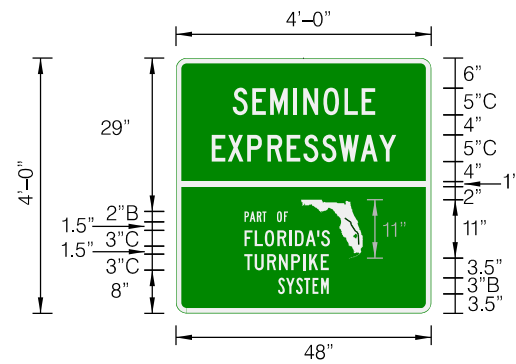
1. EPASS LOGO COLORS:

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 THICKNES 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.

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				
						ROAD NO.	COUNTY	FINANCIAL PROJECT ID	104-2

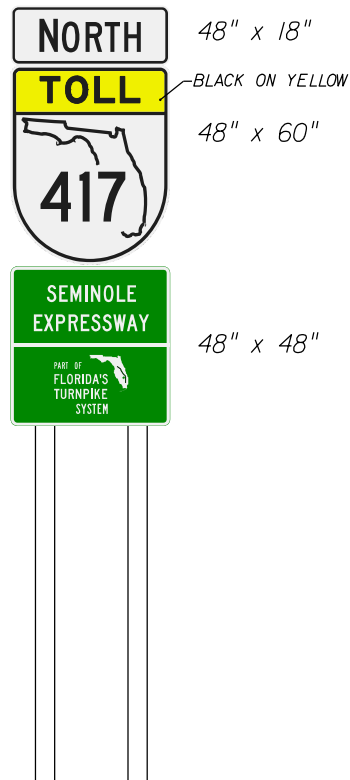
SIGN NAME		TPK-BRAND	STATION(S)		
QUANTITY		1	1		
WIDTH		4'-0"	2		
HEIGHT		4'-0"	3		
BORDER WIDTH		1"	4		
BORDER RADII		2"	5		
PANEL COLOR		Green			
LEGEND		White			
BORDER		White			
SYMBOL(S)	ANGLE	X	Y	WID	HT
FL_MD	0	23.5	10.4	11.6	11
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE		AVERAGE LENGTH	



SIGN NAME		STATION(S)			
QUANTITY		1			
WIDTH		2			
HEIGHT		3			
BORDER WIDTH		4			
BORDER RADII		5			
PANEL COLOR					
LEGEND					
BORDER					
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE		AVERAGE LENGTH	

[illegible][illegible]

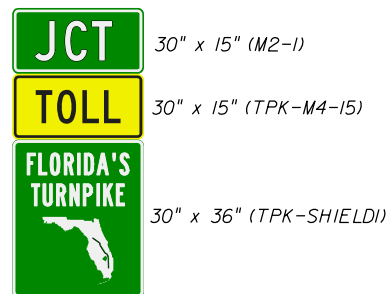
NOTES:



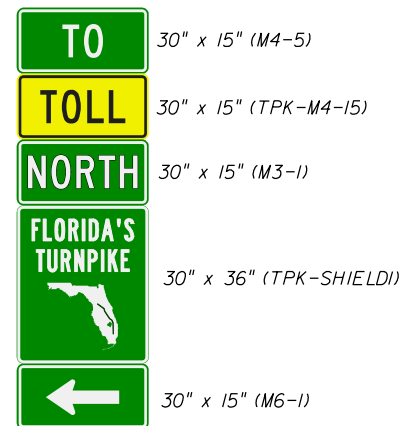
1. TURNPIKE BRANDING SIGN PANEL TO BE USED ON THE FOLLOWING ROADWAYS WHICH ARE PART OF THE TURNPIKE SYSTEM:

BEACHLINE EXPRESSWAY
POLK PARKWAY
SAWGRASS EXPRESSWAY
SEMINOLE EXPRESSWAY
SUNCOAST PARKWAY
VETERANS EXPRESSWAY
WESTERN BELTWAY

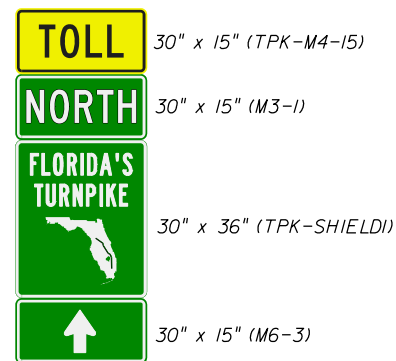
JUNCTION ASSEMBLIES



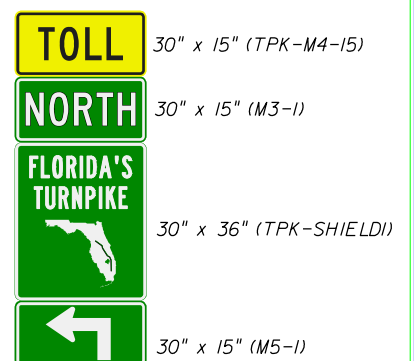
TRAILBLAZER
ASSEMBLIES



AET-08

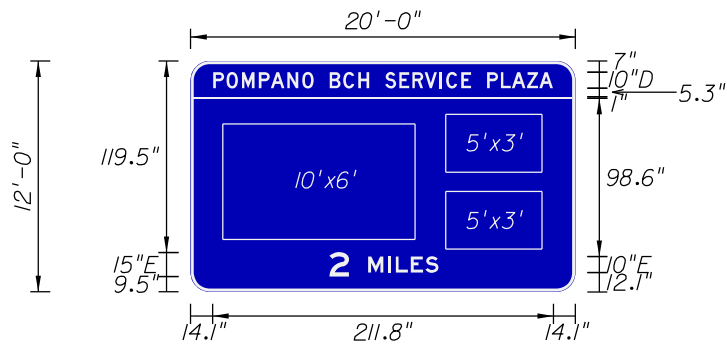


AET-09

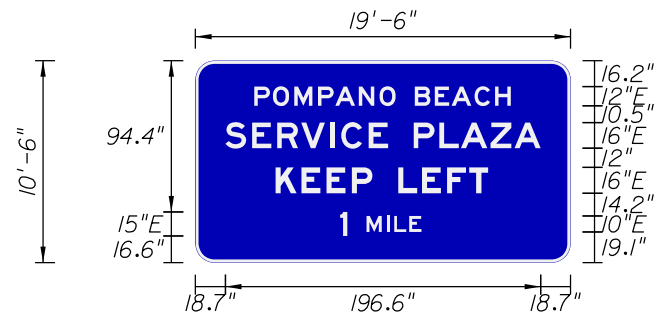


REVISIONS							STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SPECIAL SIGN DETAILS BRANDING SIGN PANEL	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		104-3

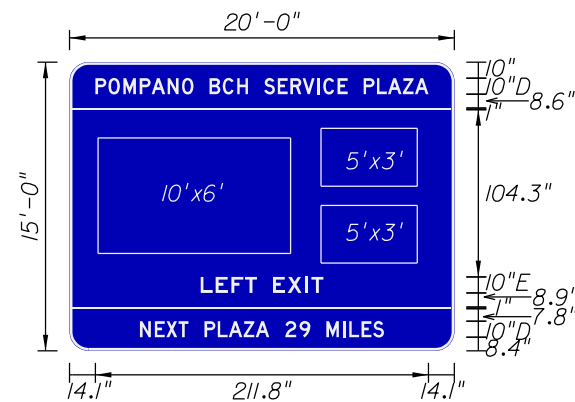
SIGN NAME		TPK-SERVI	STATION(S)		
QUANTITY		1	1		
WIDTH		20'-0"	2		
HEIGHT		12'-0"	3		
BORDER WIDTH		2"	4		
BORDER RADII		12"	5		
PANEL COLOR		Blue			
LEGEND		White			
BORDER		White			
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	CLEARANCE EDGE OF LAWE	COLUMN SIZE			AVERAGE LENGTH

[illegible]

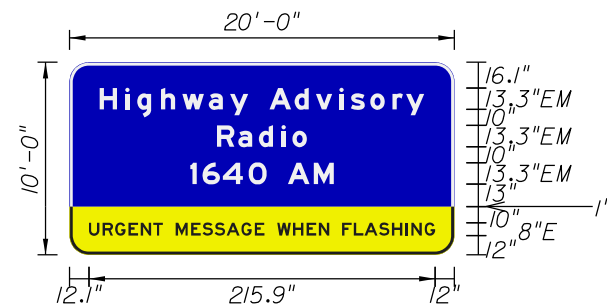
SIGN NAME		TPK-SERV3	STATION(S)			
QUANTITY		1	1			
WIDTH		19'-6"	2			
HEIGHT		10'-6"	3			
BORDER WIDTH		2"	4			
BORDER RADII		12"	5			
PANEL COLOR		Blue				
LEGEND		White				
BORDER		White				
SYMBOL(S)	ANGLE	X	Y	WID	HT	
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE			AVERAGE LENGTH	

[illegible]

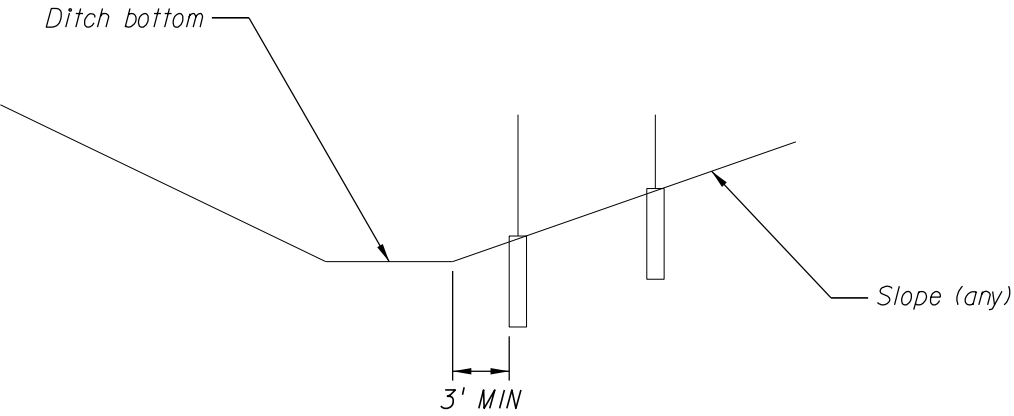
SIGN NAME		TP-SERV2	STATION(S)		
QUANTITY		1	1		
WIDTH		20'-0"	2		
HEIGHT		15'-0"	3		
BORDER WIDTH		2"	4		
BORDER RADII		12"	5		
PANEL COLOR		Blue			
LEGEND		White			
BORDER		White			
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE			AVERAGE LENGTH

[illegible]

SIGN NAME		TPK-HAR		STATION(S)	
QUANTITY		1			
WIDTH		20'-0"		2	
HEIGHT		10'-0"		3	
BORDER WIDTH		2"		4	
BORDER RADII		12"		5	
PANEL COLOR		Blue/Yellow			
LEGEND		White/Black			
BORDER		White/Black			
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE			AVERAGE LENGTH

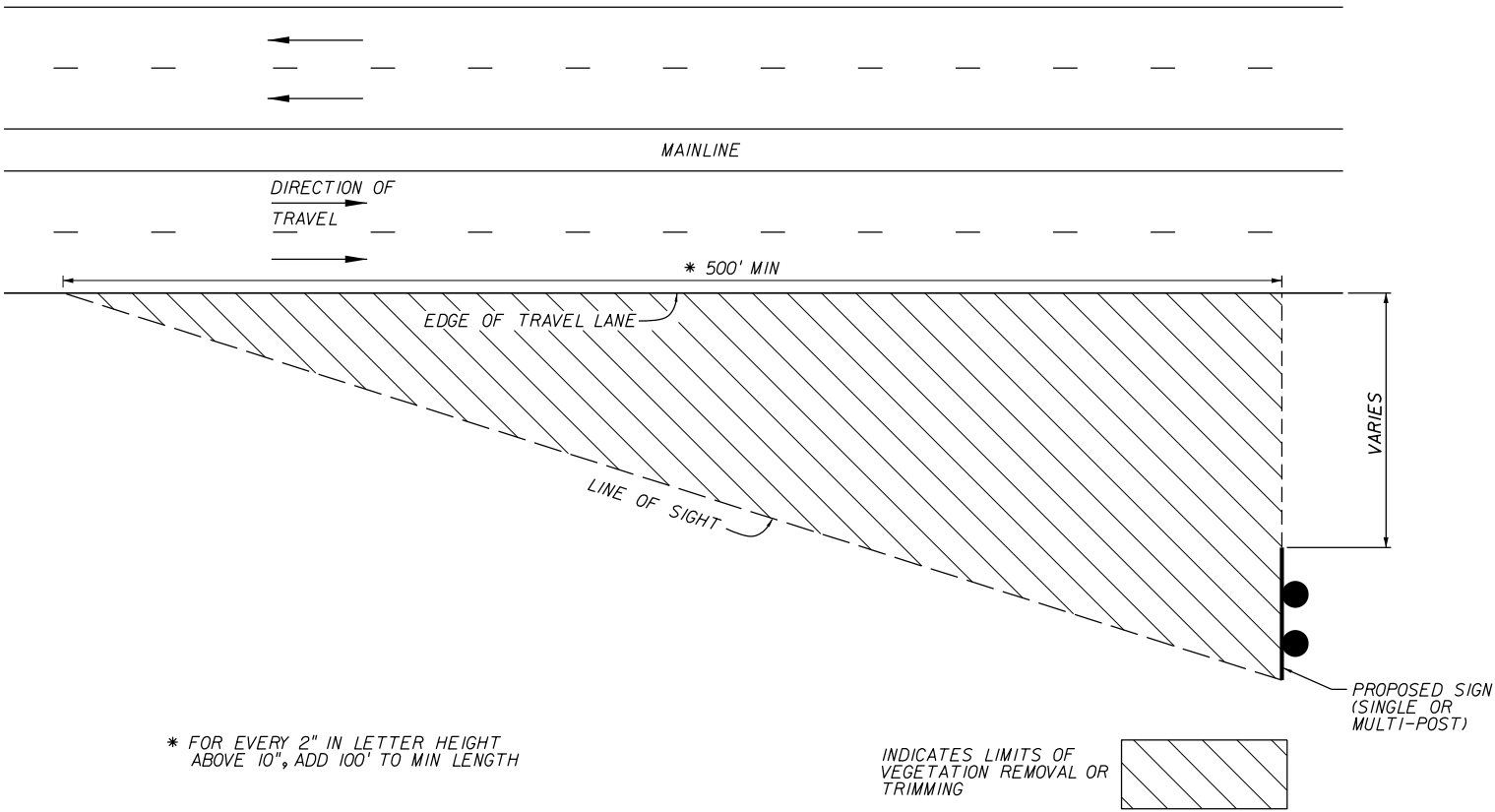
[illegible]

R E V I S I O N S							STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SPECIAL SIGN DETAILS SERVICE PLAZA & HAR	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						



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.



* FOR EVERY 2" IN LETTER HEIGHT ABOVE 10", ADD 100' TO MIN LENGTH

INDICATES LIMITS OF VEGETATION REMOVAL OR TRIMMING

STANDARD LINE OF SIGHT FOR MAINLINE ONLY

N.T.S.

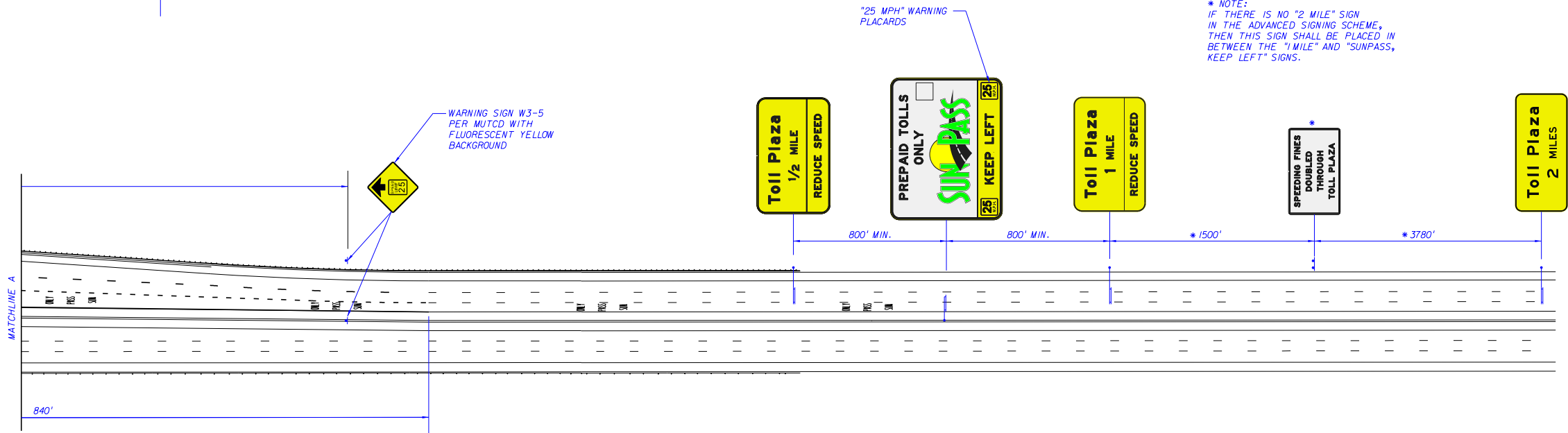
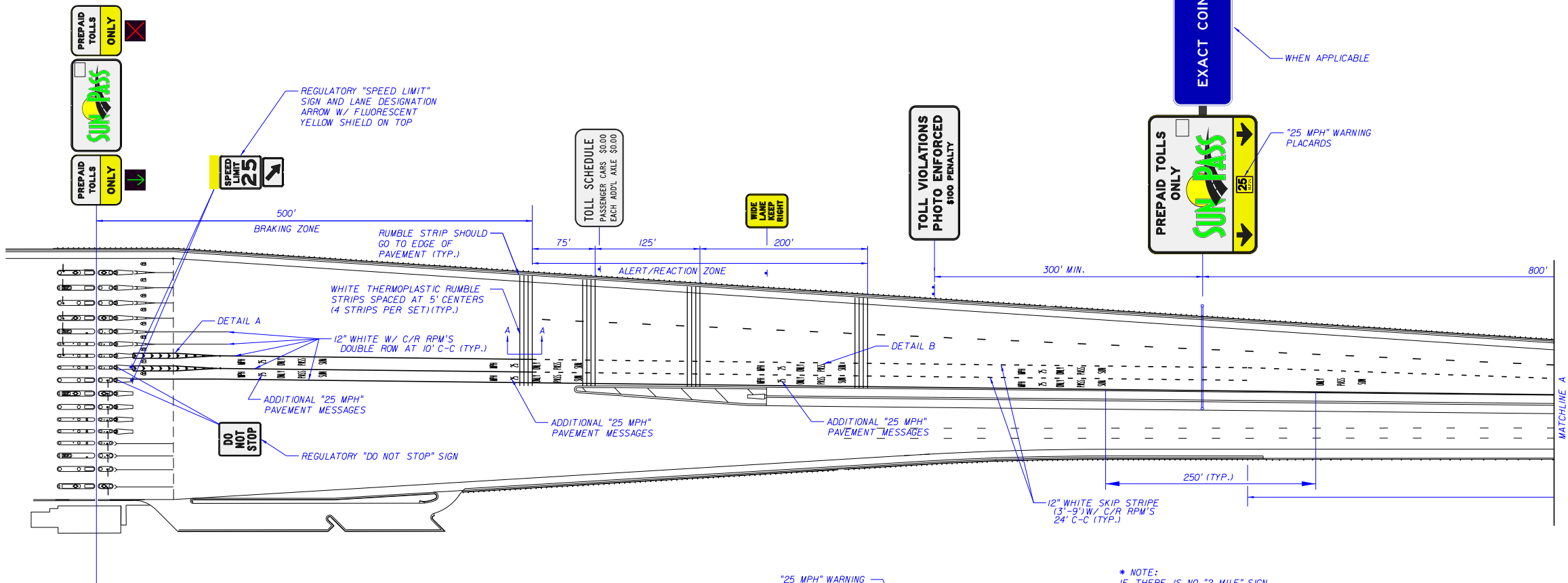
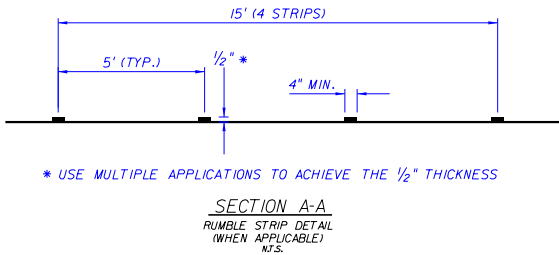
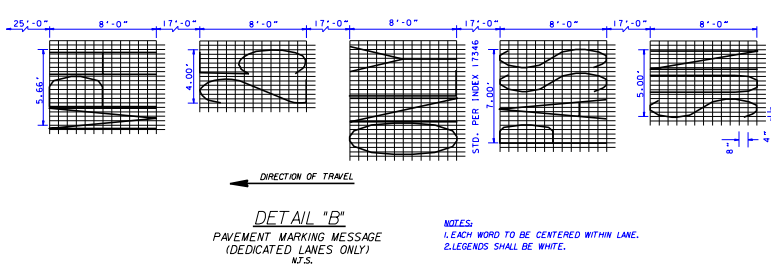
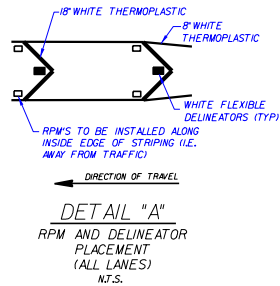
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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

MISCELLANEOUS DETAILS TOLL PLAZA SIGNING LAYOUT

SHEET NO.
105-1



- MAIN LINE PLAZA NOTES:**
1. DELINEATORS SHALL BE DELETED IN THESE AREAS WHEN THERE ARE NO DRIVEWAYS ON THIS SIDE OF THE PLAZA CENTERLINE. DELINEATORS SHALL ALWAYS BE LOCATED IN GORE AREAS FOR BOTH THE APPROACHES AND THE DEPARTURES ON ALL TOLL LANES.
 2. DELINEATORS SHALL BE SPACED 10' C-C WHEN NO DRIVEWAY IS PRESENT ON RESPECTIVE SIDE OF THE PLAZA CENTERLINE. OTHERWISE, SPACING IS 5' C-C.
 3. 10' LANE WIDTH FOR DEDICATED LANES SHOWN ABOVE SHALL BE USED ON THE APPROACH TO DEDICATED LANES 12' AND GREATER.
 4. WHITE DELINEATORS SHALL BE FLEX STAKE MODEL NO.704-5-C208W.
 5. ALL RPM'S SHALL BE PLACED ON THE ISLAND SIDE OF THE ADJACENT EDGELINES.
 6. PAVEMENT MARKINGS MAY BE ADJUSTED SLIGHTLY AS DIRECTED BY THE ENGINEER.
 7. FLEXIBLE DELINEATORS SHALL BE 48" HIGH, WHITE WITH 3" X 12" REFLECTIVE STRIP. THE DELINEATOR SHALL BE SURFACE MOUNTED ON EXISTING PAVEMENT.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

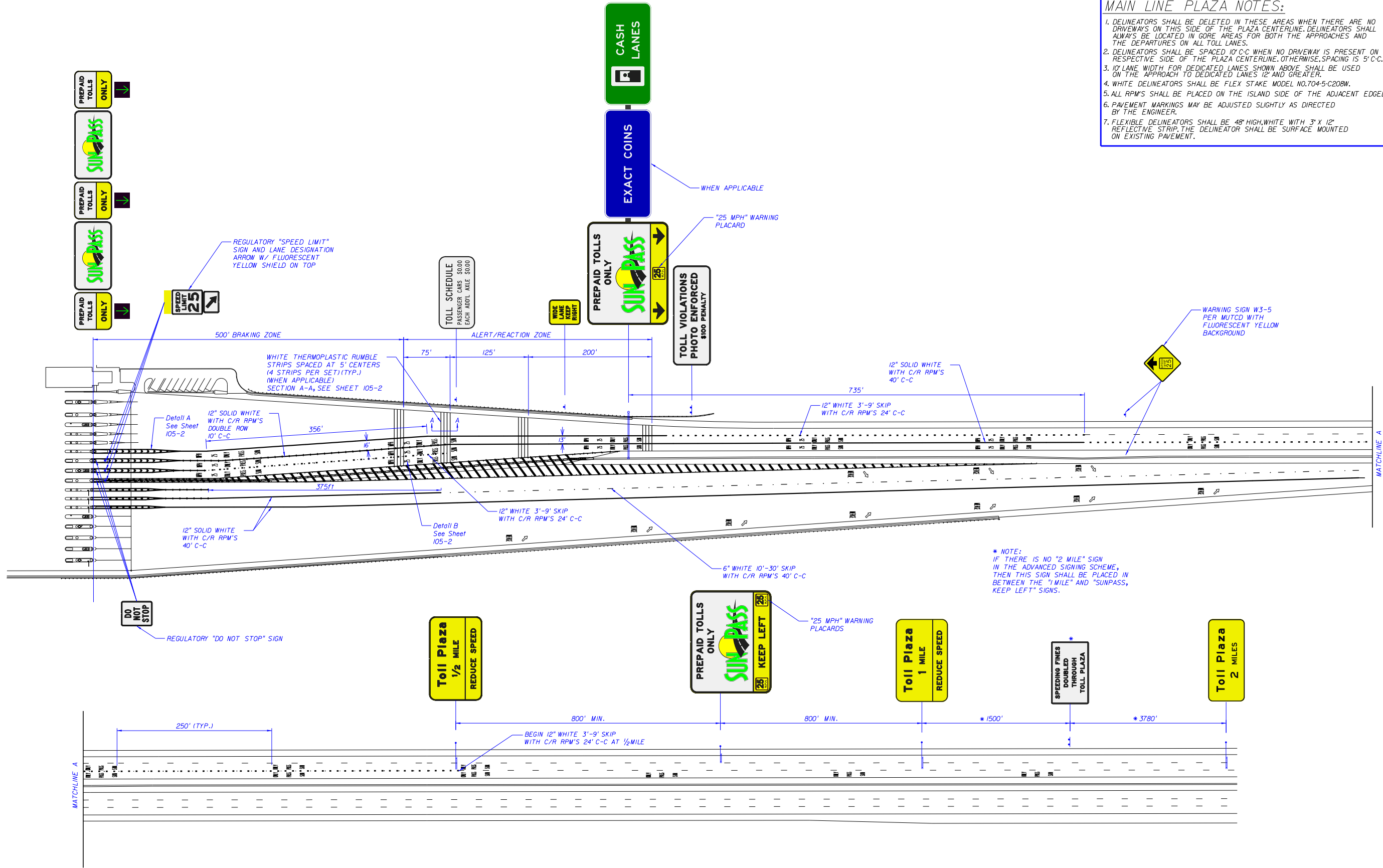
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

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

SHEET NO.
105-2

7/16/2013

- MAIN LINE PLAZA NOTES:
1. DELINEATORS SHALL BE DELETED IN THESE AREAS WHEN THERE ARE NO DRIVEWAYS ON THIS SIDE OF THE PLAZA CENTERLINE. DELINEATORS SHALL ALWAYS BE LOCATED IN GORE AREAS FOR BOTH THE APPROACHES AND THE DEPARTURES ON ALL TOLL LANES.
 2. DELINEATORS SHALL BE SPACED 10' C-C WHEN NO DRIVEWAY IS PRESENT ON RESPECTIVE SIDE OF THE PLAZA CENTERLINE. OTHERWISE, SPACING IS 5' C-C.
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 4. WHITE DELINEATORS SHALL BE FLEX STAKE MODEL NO.704-5-C208W.
 5. ALL RPM'S SHALL BE PLACED ON THE ISLAND SIDE OF THE ADJACENT EDGELINES.
 6. PAVEMENT MARKINGS MAY BE ADJUSTED SLIGHTLY AS DIRECTED BY THE ENGINEER.
 7. FLEXIBLE DELINEATORS SHALL BE 48" HIGH, WHITE WITH 3" X 12" REFLECTIVE STRIP. THE DELINEATOR SHALL BE SURFACE MOUNTED ON EXISTING PAVEMENT.



N.T.S.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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

TRIPLE DEDICATED MAINLINE
TOLL PLAZA SIGNING AND
PAVEMENT MARKING LAYOUT

SHEET NO.
105-3

7/16/2013

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

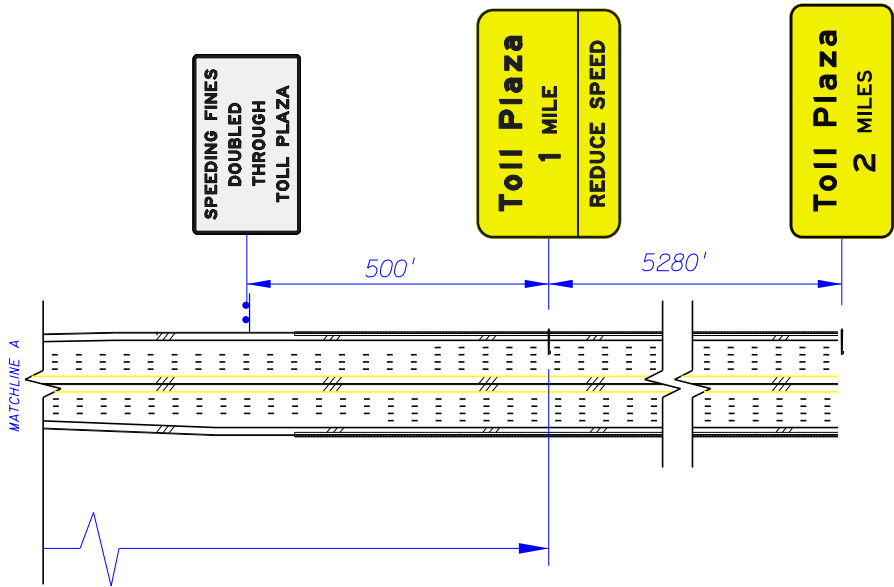
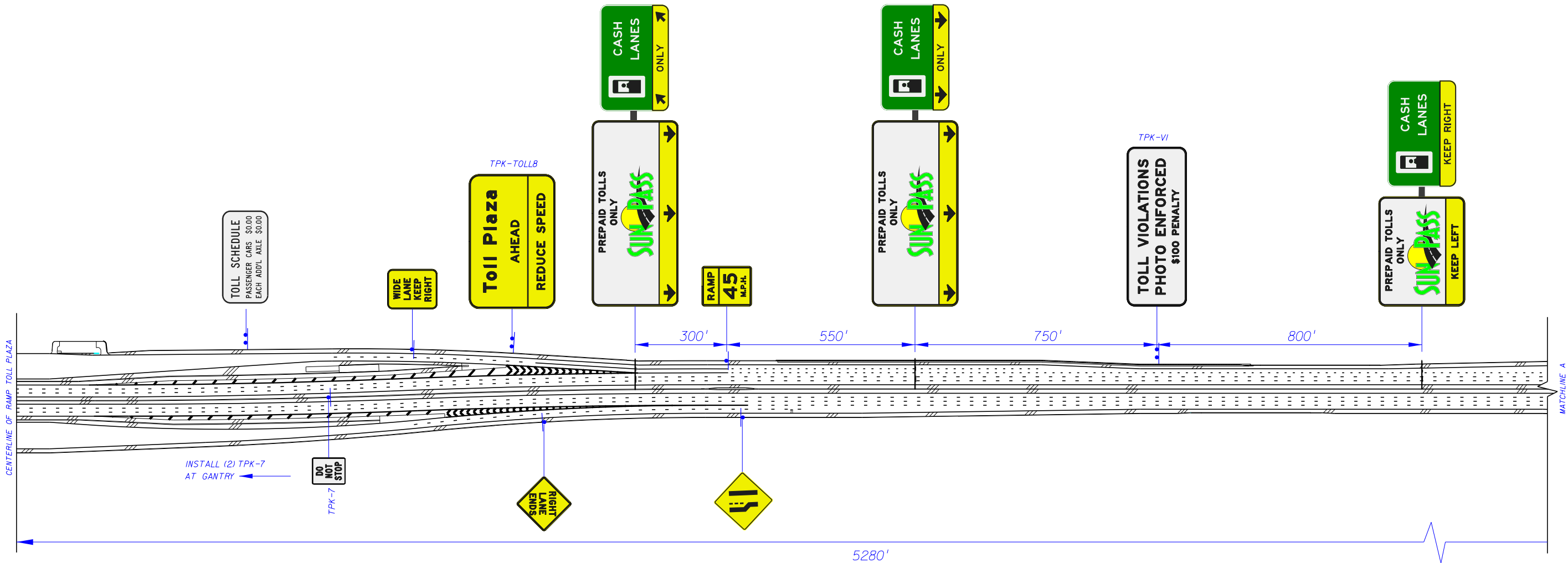
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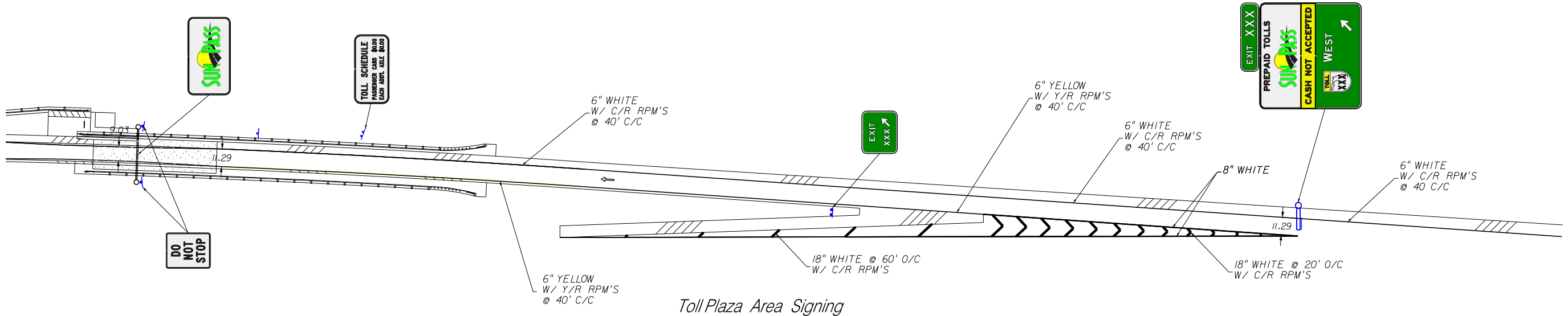
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

ORT MAINLINE TOLL PLAZA SIGNING LAYOUT	
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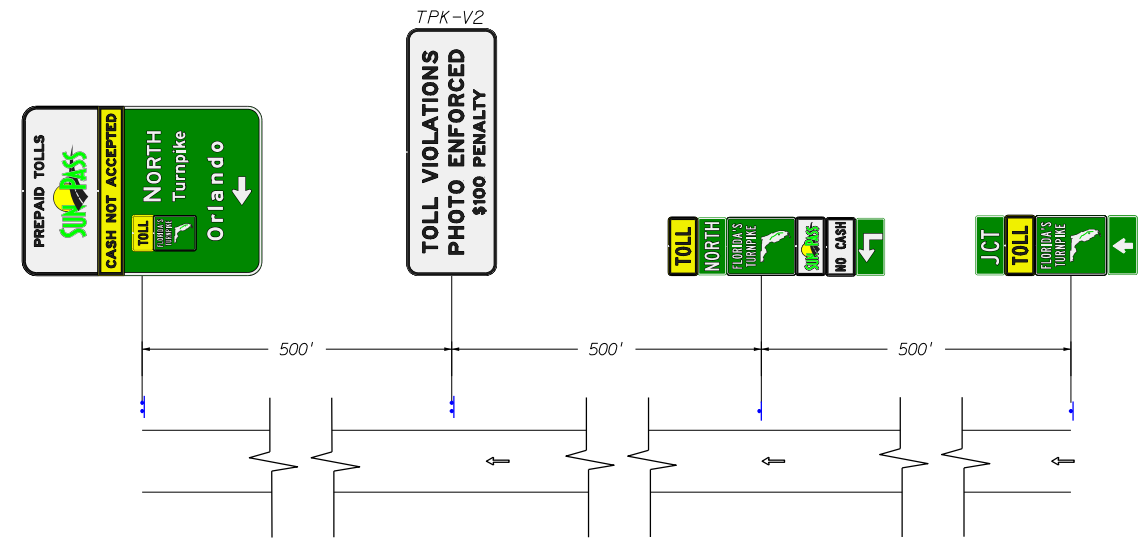
SHEET NO.
105-4

N.T.S.

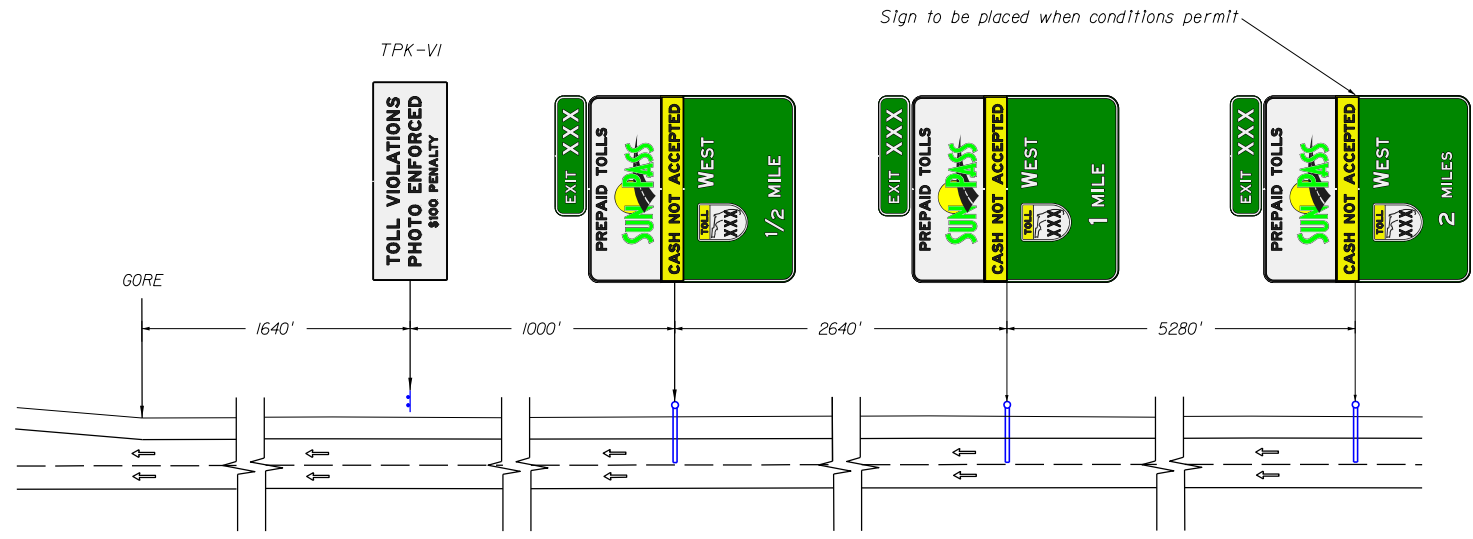




Toll Plaza Area Signing



Side Road Advance Signing



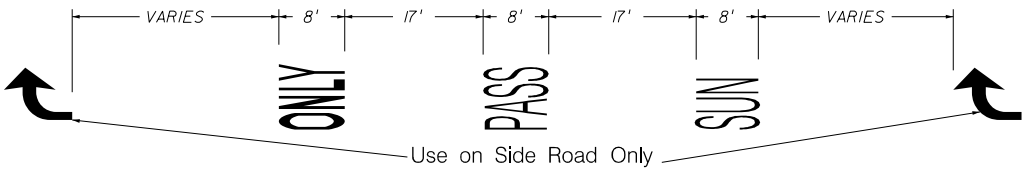
Mainline Advance Signing

NOTES:

1) MAINLINE MARKINGS - SUNPASS ONLY pavement markings shall be added when an auxiliary (drop) lane precedes the OFF ramp.

2) SUNPASS ONLY markings on the mainline auxiliary lane are typically spaced 250ft apart

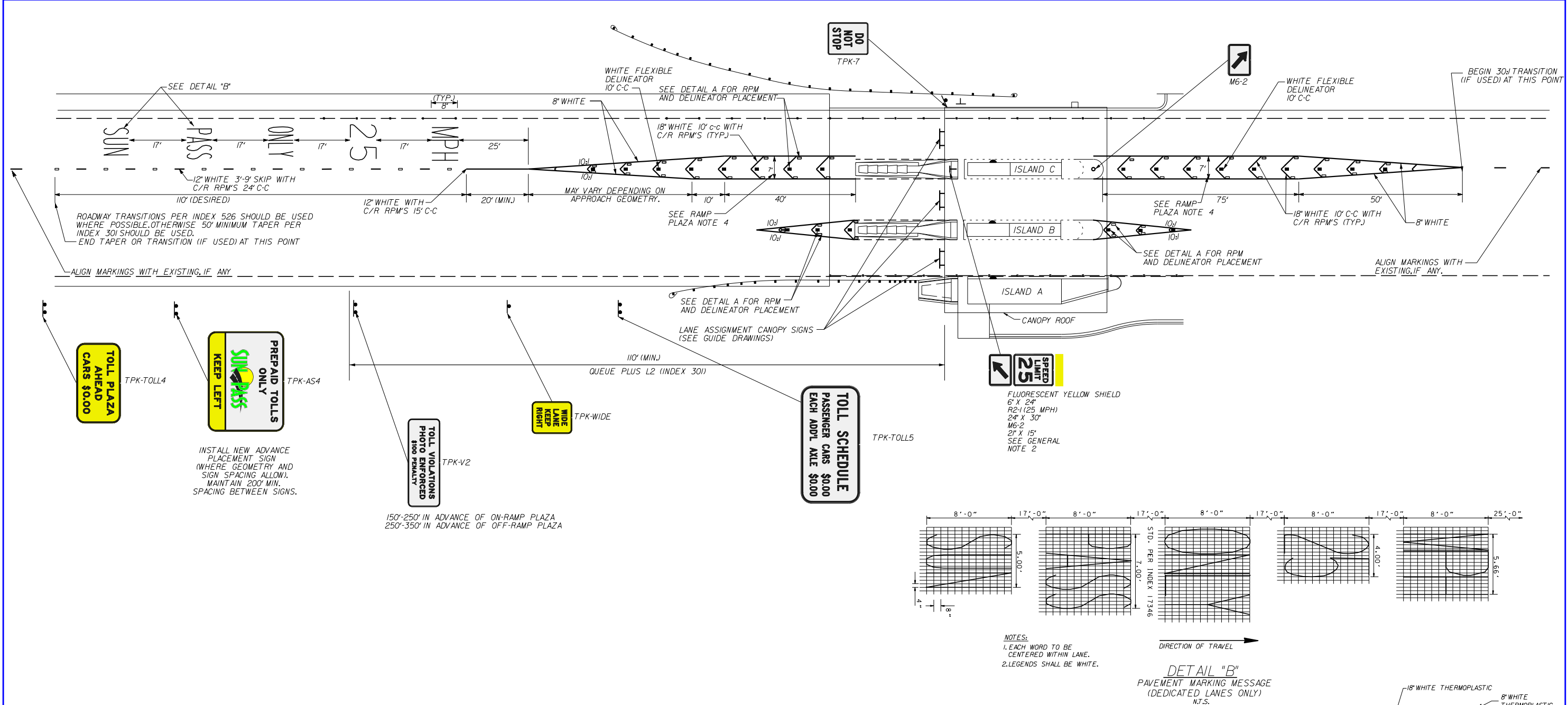
3) SIDE ROAD MARKINGS - SUNPASS ONLY pavement markings and arrows shall be added when an auxiliary (drop) lane or turn lane precedes the ON ramp



Typical SUNPASS ONLY Pavement Markings

N.T.S.

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ORT SIGNING & PAVEMENT MARKING LAYOUT	SHEET NO. 106-1
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		

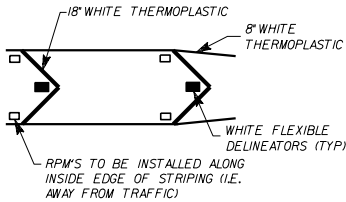


GENERAL NOTES:

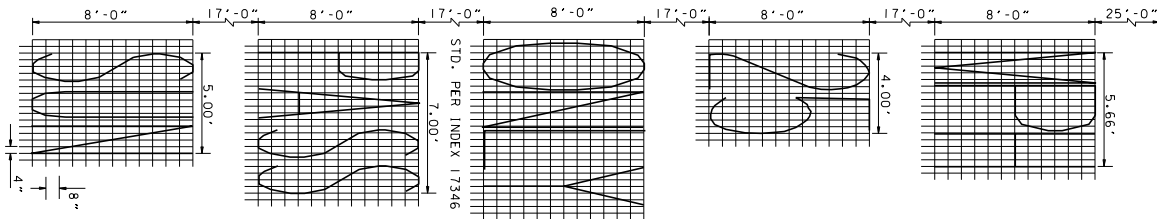
- 1. ALL RPM'S SHALL BE PLACED ON THE ISLAND SIDE OF THE ADJACENT EDGELINES.
- 2. INSTALL 24"X30" SPEED LIMIT SIGN W/21" X 15" M6-2L PANEL ON UPPER PART OF CONCRETE ISLAND UPSTREAM OF BOOTH. SIGN SHALL BE MOUNTED CENTERED ON ISLAND WITH A 7" CLEARANCE UNDER SIGN TO PAVEMENT. SIGN SHALL BE ROTATED 22 1/2 DEGREES TOWARDS DEDICATED SUNPASS LANE OR AS DIRECTED BY THE ENGINEER.
- 3. A COMPUTER DISK OF SUNPASS SIGNS IS AVAILABLE FROM THE DEPARTMENT.
- 4. PAVEMENT MARKINGS MAY BE ADJUSTED SLIGHTLY AS DIRECTED BY THE ENGINEER.
- 5. TOLL COLLECTOR WARNING SIGNS SHALL BE FURNISHED AND INSTALLED (ANCHOR BOLTED) BY THE CONTRACTOR ON THE ISLAND BARRIER WALL AND ON BOOTH FACING EACH STAIRWELL OR WALKWAY ACROSS ISLAND. SIGNS ATTACHED TO BOOTH SHALL BE FASTENED WITH STAINLESS STEEL SCREWS. PLACEMENT SHALL PROVIDE OPTIMUM VISIBILITY.
- 6. FLEXIBLE DELINEATORS SHALL BE 48" HIGH, WHITE WITH 3" X 12" REFLECTIVE STRIP. THE DELINEATOR SHALL BE SURFACE MOUNTED ON EXISTING PAVEMENT.

RAMP PLAZA NOTES:

- 1. LEFT SIDE DEDICATED LANE SHALL BE MIRROR-IMAGE OF THIS EXHIBIT.
- 2. TPK-V2 TO BE INSTALLED AT SUNPASS EQUIPPED PLAZAS.
- 3. TOLL COLLECTOR SIGNS SHALL BE INSTALLED ON ISLANDS BORDERING DEDICATED USE SUNPASS LANES ONLY.
- 4. FOR A DEDICATED LANE ON THE OUTSIDE OF THE PLAZA AND WITH AN EXISTING LANE WIDTH OF TWELVE FEET OR GREATER, THE CHANNELIZATION ISLAND SHALL BE WIDENED ONE FOOT FROM WHAT IS SHOWN ABOVE TO PROVIDE A MINIMUM STRIPED LANE WIDTH OF ELEVEN FEET.
- 5. FOR A DEDICATED LANE IN THE INTERIOR OF THE PLAZA AND WITH AN EXISTING LANE WIDTH OF TWELVE FEET OR GREATER, THE ADJACENT CHANNELIZATION ISLANDS SHALL BE WIDENED TO NARROW THE DEDICATED LANE TO TEN FEET.



DETAIL "A"
RPM AND DELINEATOR
PLACEMENT
(ALL LANES)
N.T.S.

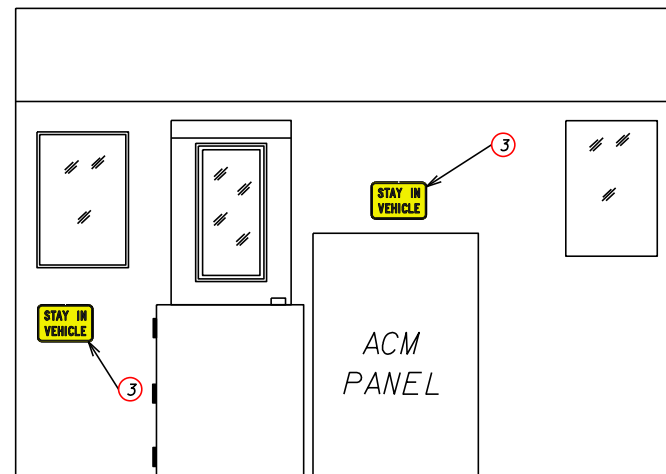
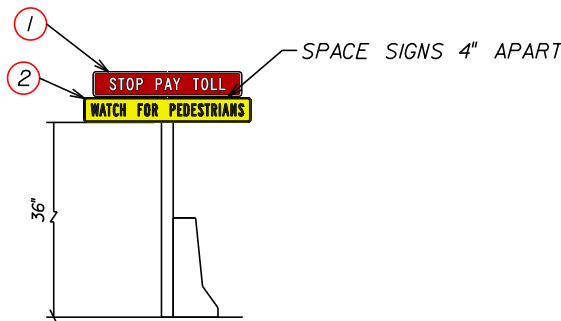
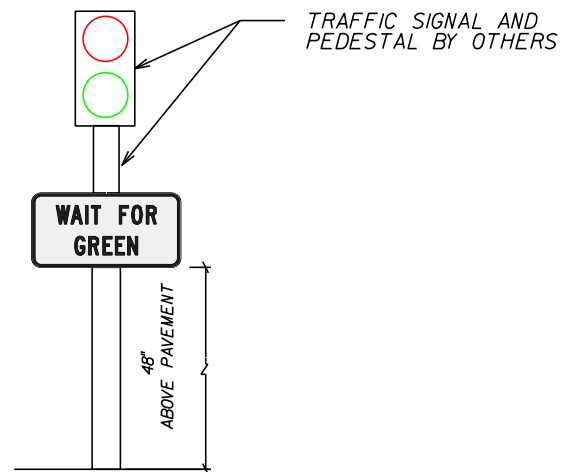
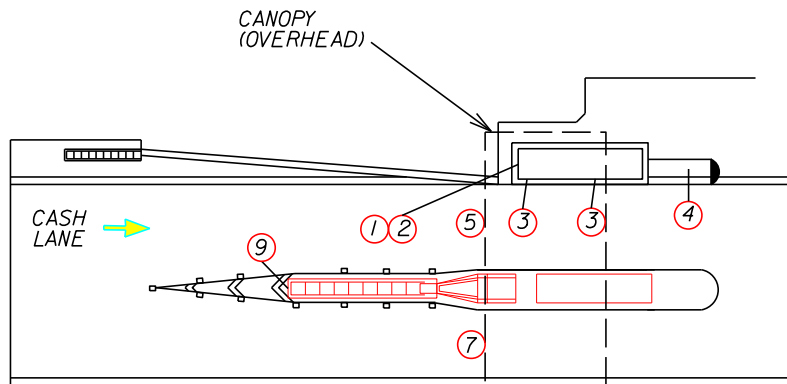


NOTES:
1. EACH WORD TO BE CENTERED WITHIN LANE.
2. LEGENDS SHALL BE WHITE.

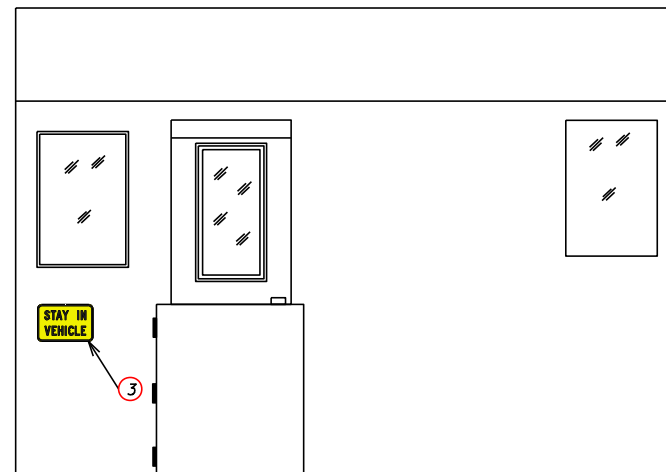
DETAIL "B"
PAVEMENT MARKING MESSAGE
(DEDICATED LANES ONLY)
N.T.S.

N.T.S.

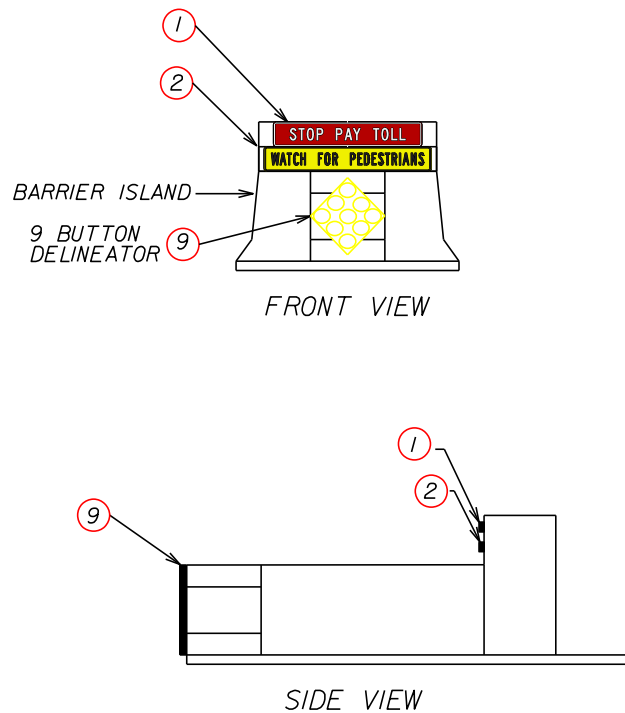
REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			RAMP TOLL PLAZA TYPICAL SUNPASS SIGNING AND PAVEMENT MARKINGS	SHEET NO. 106-2
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					
						ROAD NO.	COUNTY	FINANCIAL PROJECT ID		



PARTIALLY STAFFED
SIGN PLACEMENT DETAIL



STAFFED 24 HOURS
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
7	LANE DESIGNATION SIGN	MOUNT ON CANOPY
9	9 BUTTON DELINEATOR	MOUNT ON BLUNT END OF CONCRETE ISLAND AND ATTENUATOR

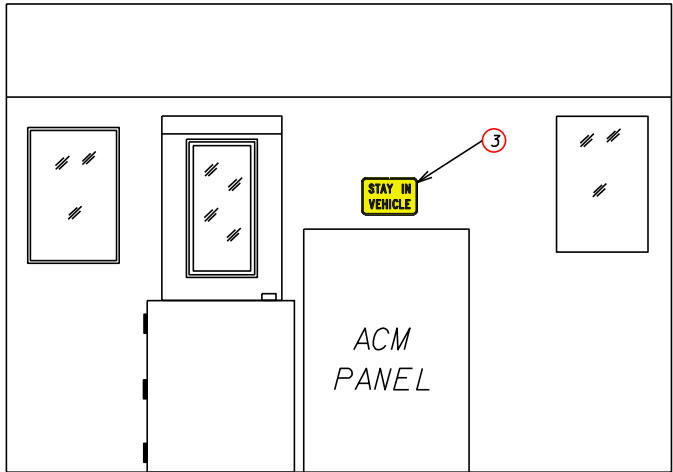
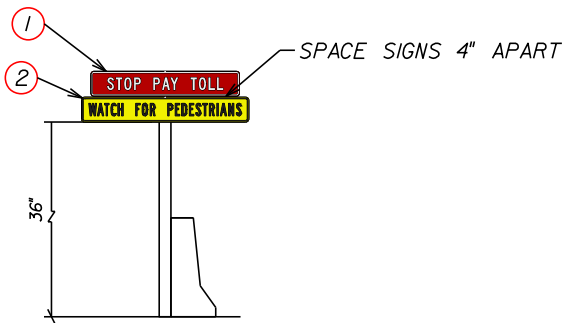
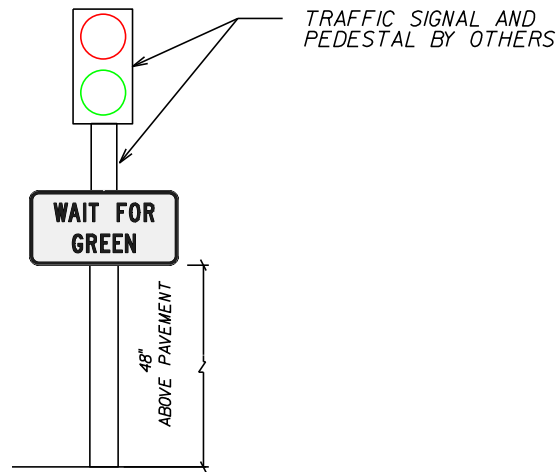
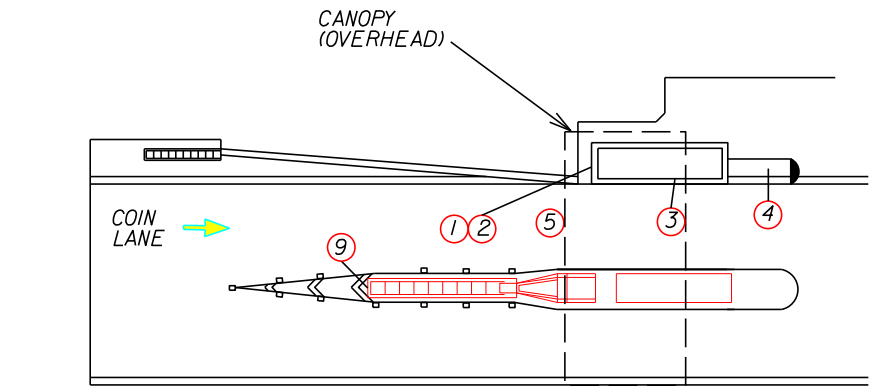
N.T.S.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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

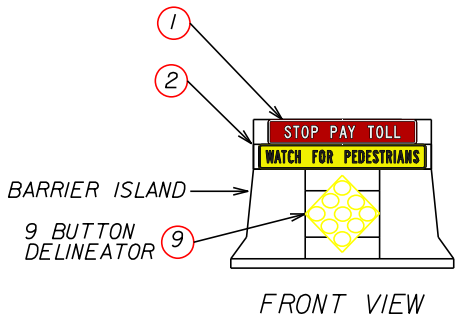
CASH LANE
TOLL PLAZA
SIGNING LAYOUT

SHEET
NO.
107-1

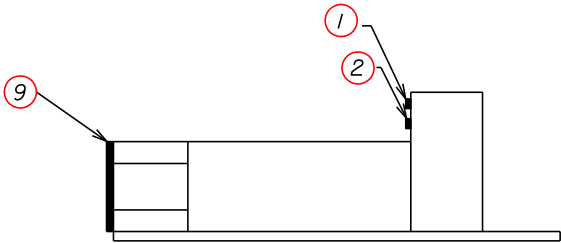


UNSTAFFED COIN LANE
SIGN PLACEMENT DETAIL

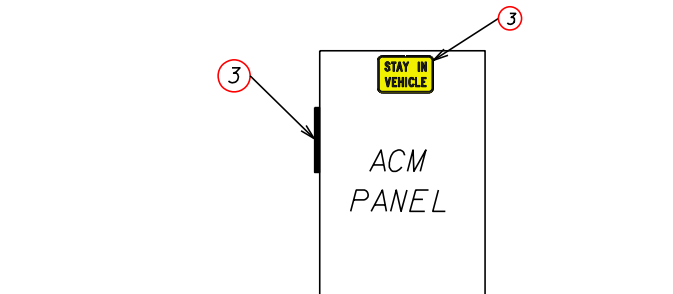
TOLL PLAZA SIGN SYMBOL LEGEND		
	LEGEND OR DESCRIPTION	REMARKS
1	STOP PAY TOLL	MOUNT ON ISLAND GATORHEAD
2	WATCH FOR PEDESTRIANS	MOUNT ON ISLAND GATORHEAD
3	STAY IN VEHICLE	MOUNT ON TOLL BOOTH OR ACM
4*	WAIT FOR GREEN	MOUNT ON TOLL BOOTH
5	LANE DESIGNATION SIGN	MOUNT ON CANOPY
9	9 BUTTON DELINEATOR	MOUNT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



FRONT VIEW



SIDE VIEW



UNSTAFFED COIN LANE - NO BOOTH
SIGN PLACEMENT DETAIL

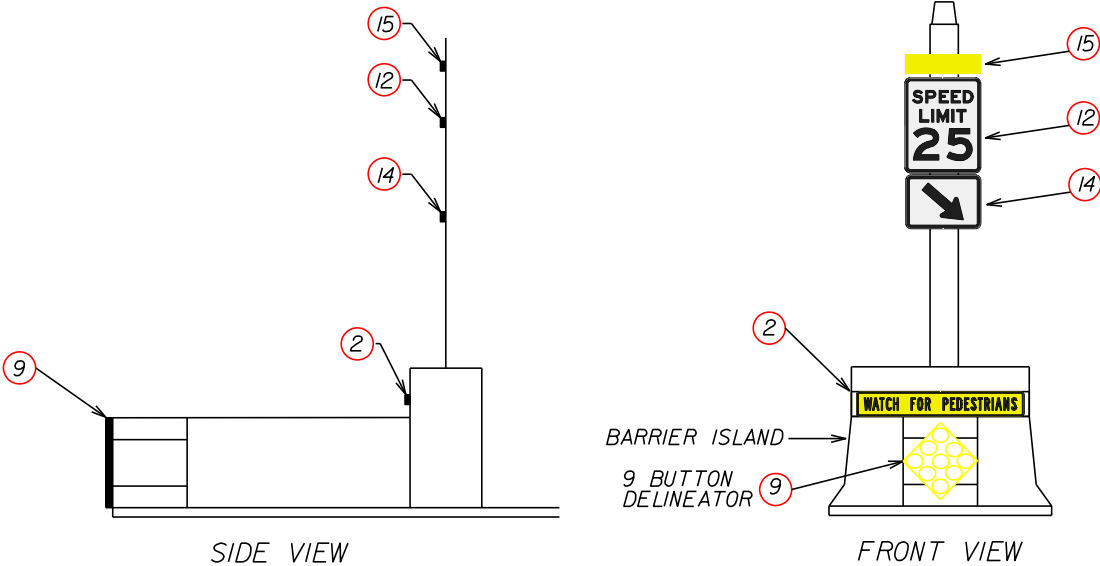
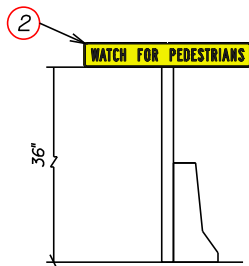
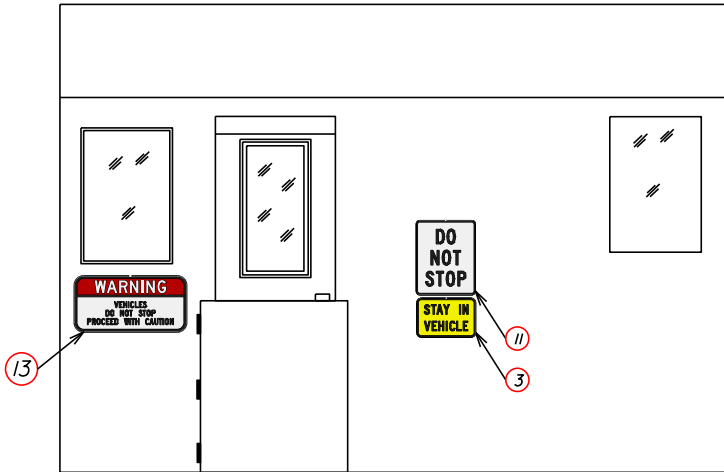
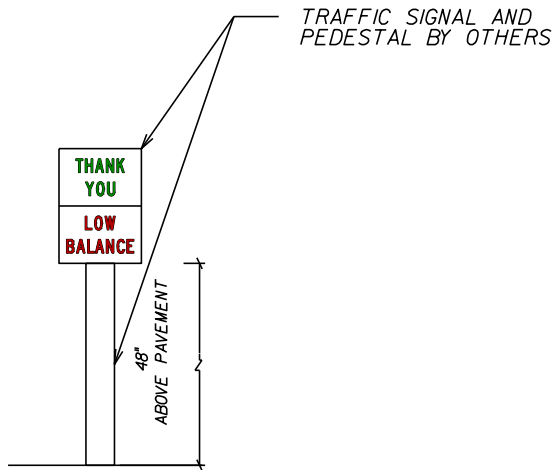
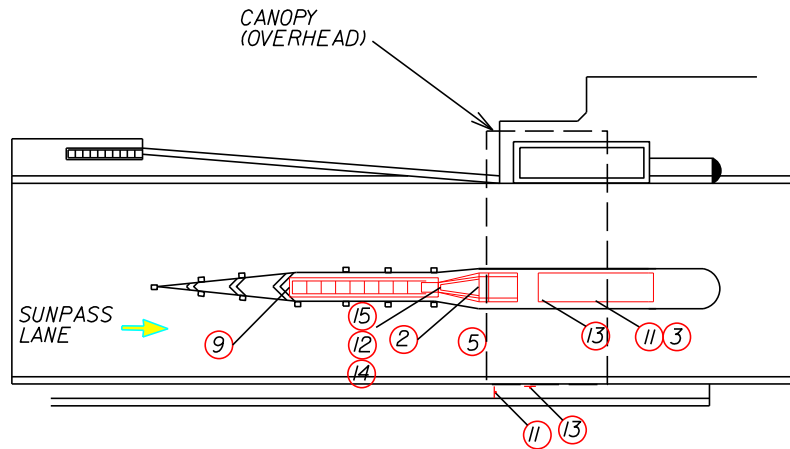
N.T.S.

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.
107-2



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

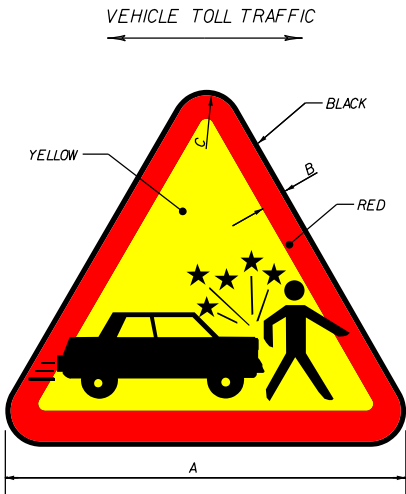
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

SUNPASS LANE
TOLL PLAZA
SIGNING LAYOUT

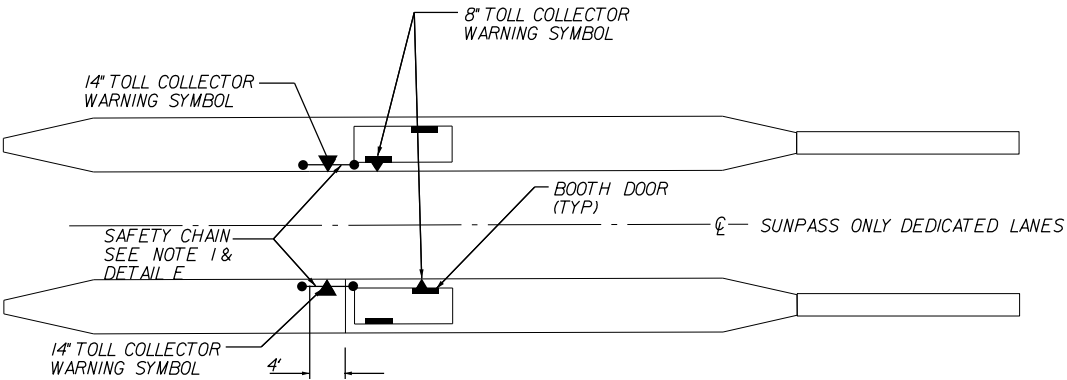
SHEET
NO.
107-3

SYMBOL DIMENSIONS			
OVERALL SIZE	A	B	C
8"	8"	.6"	.6"
14"	14"	1"	1"

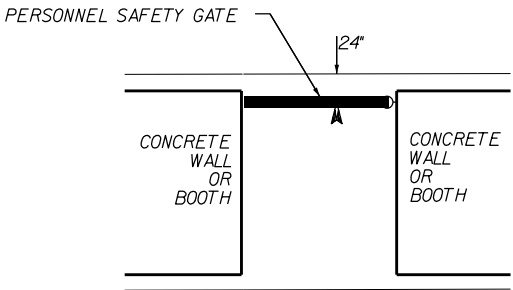
NOTE: SYMBOLS SHALL BE PLACED IN BOOTH DOORWAYS AND WALKWAYS AS SHOWN ON PLANS. SURFACES SHALL BE THOROUGHLY CLEANED PRIOR TO APPLICATION.



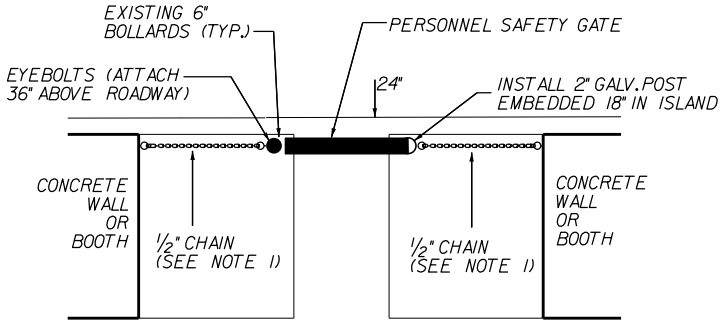
TYPICAL TOLL ATTENDANT WARNING SYMBOL
NTS



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:
1. SIGNS SHALL BE MOUNTED ONLY ON ISLANDS BORDERING SUNPASS DEDICATED LANES.
 2. 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.
 3. 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.
 4. SIGN TPK-5 (SEE DRAWING 103) SHALL BE POST MOUNTED ADJACENT TO SIDEWALK BETWEEN ADMINISTRATION BUILDING AND NEAREST TOLL LANE.

- NOTES:
1. 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 SEPARATOR EQUIPMENT.

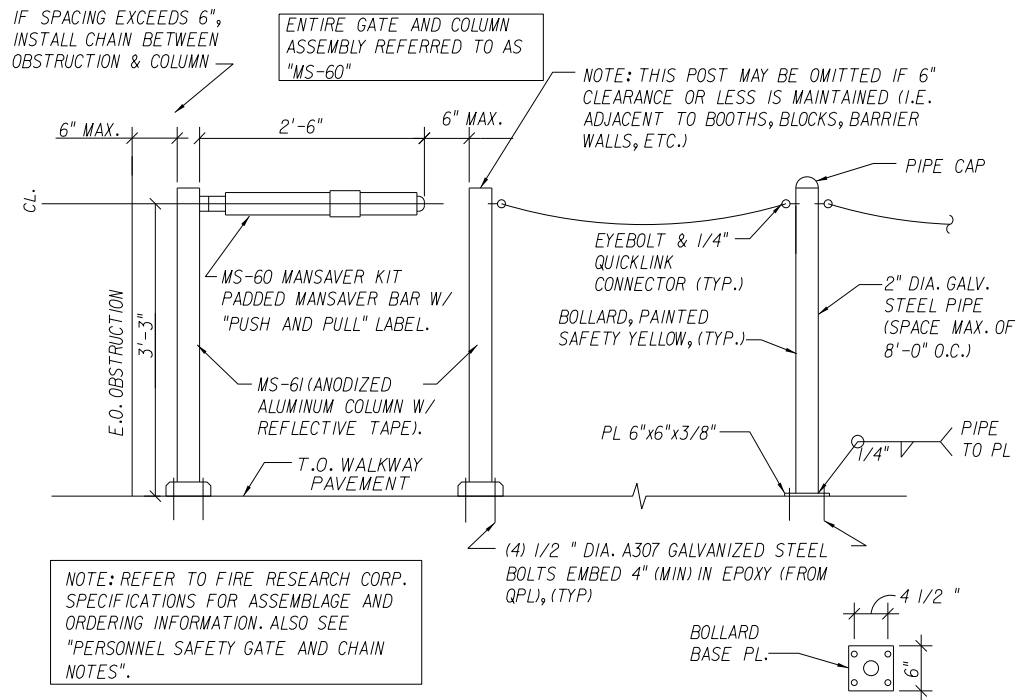
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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

TOLL PLAZA
SPECIAL DETAILS

SHEET
NO.

108-1



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 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.

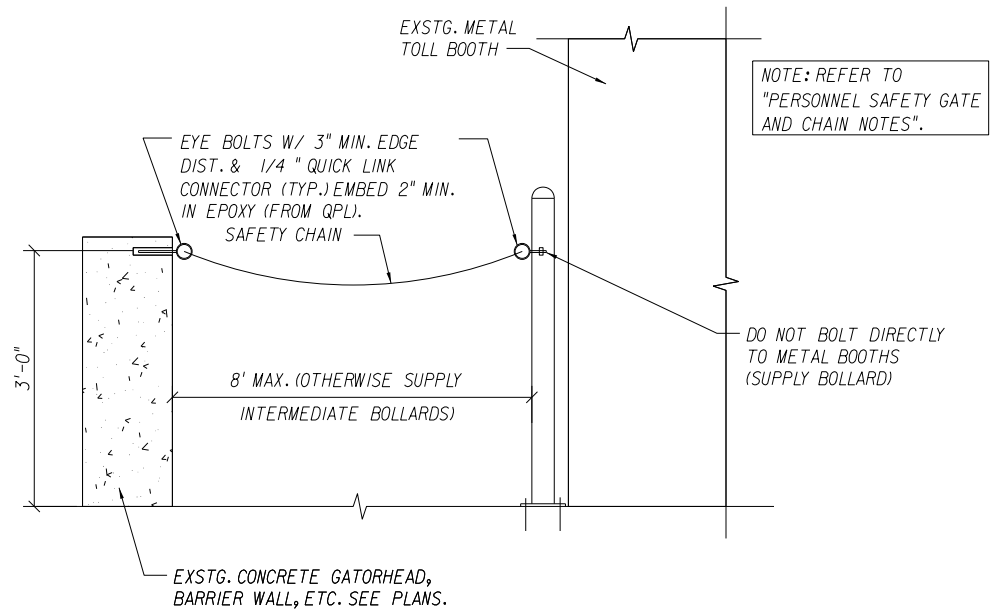
5. CHAIN ATTACHMENT: CHAIN AND QUICK LINKS SHALL BE CONNECTED TO BOLLARDS WITH EYE BOLTS. CHAIN SHALL NOT PASS THROUGH A RING ON THE BOLLARD BUT SHALL TERMINATE AT ONE, OR BOTH SIDES OF THE BOLLARD AS NECESSARY, WITH A QUICK LINK CONNECTOR. CHAIN MAY NOT BE ATTACHED TO AUTOMATIC COIN MACHINES, GATE HOUSINGS,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



7/16/2013

R E V I S I O N S						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TOLL PLAZA SPECIAL DETAILS	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					
						ROAD NO.	COUNTY	FINANCIAL PROJECT ID		108-2

7/16/2013

General/Standards

1. Place signing, pavement markings and traffic control devices in accordance with the Manual on Uniform Traffic Control Devices, the plans, FDOT Design Standards, FDOT Plans Preparation Manual (PPM), FHWA Standard Highway Signs, Turnpike Plans Preparation and Practices Handbook (TPPPH), and FDOT Traffic Engineering Manual.

Sign Placement and Installation

2. The Engineer will field verify all sign locations to ensure the sign is properly located and appropriate sign spacing is achieved (i.e., offset from travel lanes, sign post not in ditch bottom, spacing from other signs is adequate, no utility conflicts). The Engineer may make minor adjustments if the sign is not properly located, appropriate sign spacing is not met, or if utility conflicts are discovered. The Engineer of Record must be consulted on major adjustments. In all cases, roadway safety must be increased, not diminished.
3. Prior to the fabrication of frangible sign supports and breakaway sign supports/columns, determine the actual length of the vertical support on the basis of existing field conditions and field elevations.
4. Notify Sunshine State ONE CALL at 1-800-432-4770 and/or the appropriate utility owners in concurrence with Florida Statute 556.
5. Hand dig or vacuum excavate the first four feet of sign foundations.
6. Any work necessary in the shoulder area to construct signs, such as grading, sodding, clearing, and grubbing, is considered incidental to sign installation and is to be included in the cost of the sign assembly.
7. All existing signs not shown on the plans are to remain unless otherwise noted. All existing signs are to remain visible until such time as the proposed sign installation is completed.
8. Remove or cut vegetation as needed to provide adequate sight distance for all overhead and ground mounted signs. Vegetation removal and trimming is included in the unit price of the sign assembly. Do not alter vegetation without prior approval from the Engineer.

Sign Panels /Faces

9. All signs shall be ASTM D4956-09 Type-XI retroreflective sheeting material.
10. Use countersunk screws when using mechanical fasteners to attach sign panels to windbeams, brackets and splice plates for single and multi-post signs.
11. Patch attachment hardware, such as countersunk screws or rivet heads, with retroreflective buttons that match the color and sheeting material of the finished sign panel including the background, legend or border.
12. Ensure the outside corner of sign is concentric with border. Ensure white borders are mounted parallel to the edge of the sign. Ensure black borders are recessed from the edge of the sign.
13. Download the SunPass logo in Microstation format for use in sign fabrication from the Turnpike's Design website: <http://design.floridasturnpike.com/> or obtain the logo by contacting the Turnpike Traffic Plans Engineer at (407) 264-3418. The logo shall not be fabricated by hand cut-out method.

Overlays

14. When using an aluminum sheet overlay, ensure the overlay is a minimum of 0.04 inches thick. Determine the sheeting material of the existing sign and ensure the overlay sheeting type matches the existing sign.
15. When using an adhesive overlay, ensure the overlay is a removable opaque film that adheres to the sign. Ensure the sign face is clean and in good condition. Ensure the removal of the adhesive film does not damage the sign. Use the film overlay 6 months or less. Use 3M ControItac Plus Changeable Graphic Film or equivalent.
16. Where panel overlays are specified, determine and match existing corner radii. Remove all existing overlays prior to proposed overlay installation. The cost is considered incidental and is to be included in the pay item for proposed overlay.
17. For partial panel overlays, ensure all existing copy to be overlaid is completely covered. Ensure the overlay does not cover any portion of the existing copy or border which is to remain visible.
18. Exercise caution while relocating or overlaying existing signs to prevent damage to signs. Verify and match existing letter sizes and fonts for signs that require overlays prior to fabrication of new panel.

Overhead Signs

19. Align the left edge of the left-most sign panel flush with the end of the horizontal chord of the cantilever structure
- Sign Panel Replacement
20. As part of sign panel replacements, include new vertical hanger beams, new horizontal wind beams, new bolts, new screws, new nuts, new washers, and all necessary hardware for a complete connection between the new sign panel and the existing sign structure.

Luminaries

21. Energize sign luminaries within 24 hours of overhead lighted sign installation.
22. "Night Aim" the sign luminaires to ensure proper illumination of the sign surface. The luminaries must be at an angle sufficient to prevent them from shining into the faces of drivers who are traveling in the opposite direction
23. Ensure sign Luminaries are similar or equal to Infinity, or other UL listed wet proof induction sign luminaire capable of accepting 120 to 480 volts without an external transformer. Clearly note the luminaire tilt angle for each sign and ensure the same for all luminaries on each specific sign. Place the angle convention detail on submittals to clearly depict tilt orientation. Use the following values for each area classification: 5-10 foot-candles (low); 10-20 foot-candles (medium); 20-40 foot-candles (high). Ensure the maximum/minimum uniformity value does not exceed 6:1 ratio. These values are average initial, use a maintenance factor of 1.00 in the calculations process.
24. Install the luminaires as per the spacing produced in the scaled photometric documentation and sign data instruction obtained from the contract documents. Should any deviations take place from these documents, provide photometric calculations to scale complying with the above parameters and submit documentation to the Engineer of Record prior to proceeding.

25. Top mounted luminaires are prohibited on the mainline or ramps.

Logo Signs

26. At or in advance of interchanges, the blue specific service signs with gas, food, or lodging logo panels attached are owned and maintained by Florida Logos, Inc. All work associated with removing, storing or relocating the service signs is the responsibility of Florida Logos, Inc. At least 14 calendar days prior to any conflicts between anticipated construction work and the blue specific service signs, coordinate with Florida Logos, Inc. by telephone at 1-888-608-0833.
27. At or in advance of Turnpike service plazas, the blue specific service signs with gas, food or other logo panels attached are owned and maintained by Florida's Turnpike Enterprise.

Pavement Marking and Reflective Pavement Markers

28. Ensure the proposed pavement markings at all existing/proposed interface locations match the existing pavement markings in terms of alignment. Remove conflicting pavement markings.
29. Work that includes extending or refurbishing of existing striping damaged during construction is included in the unit price of the pavement marking.
30. Pavement marking may be adjusted slightly as directed by the Engineer.
31. Lay out permanent final striping that leaves no visible marks at time of final acceptance.
32. Place a green RPM 4" outside of ground in rumble strip at each mile marker.
33. When removing pavement messages via water blasting, the entire area within the pavement message, including the interior of the message that is not painted or have thermoplastic, shall be water blasted so that the message outline is completely obliterated and drivers are not able to read or see the scar outlining the former message.

Notes to Designers (not to be included in plan set general notes sheet)

1. The following notes have been commonly used as general notes in plans; however, these notes duplicate the FDOT Standard Specifications for Road and Bridge Construction.
- A. Restore any disturbed areas to its original condition. (Duplicates 4-6 and 7-II)
 - B. Replace existing striping to remain which is damaged or obliterated by construction activities. (Duplicates 7-II)
 - C. The damaged sign shall be replaced at no cost to the Department.
2. The designer should verify that the proposed sign panel size conforms to the FDOT Standard Index drawings with regards to vertical hangers, wind beams, and luminaire arms. If not, special design and details should be provided in the S&PM plans.

R E V I S I O N S						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	GENERAL NOTES			SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					
										108-3

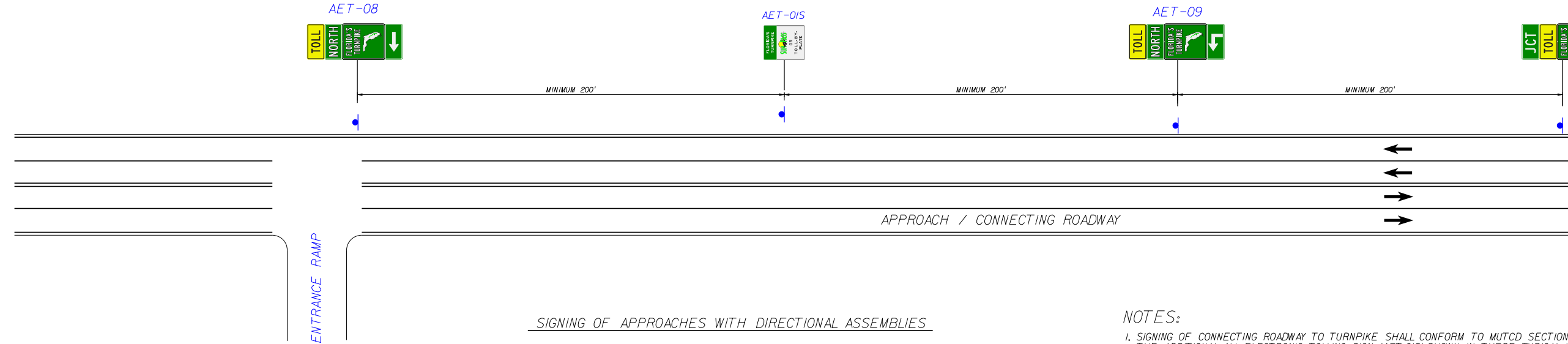
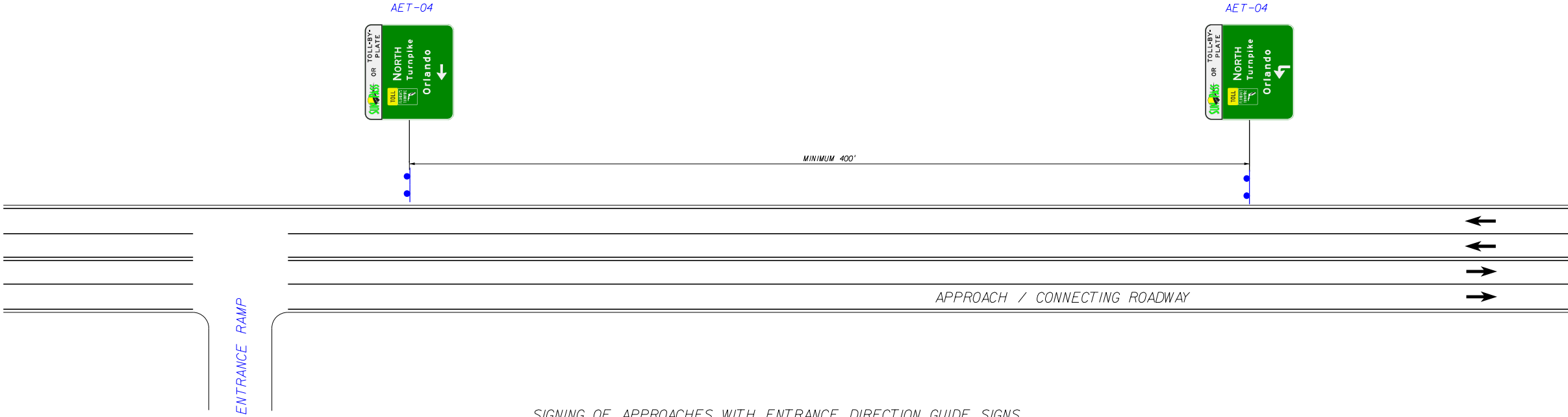
7/16/2013

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

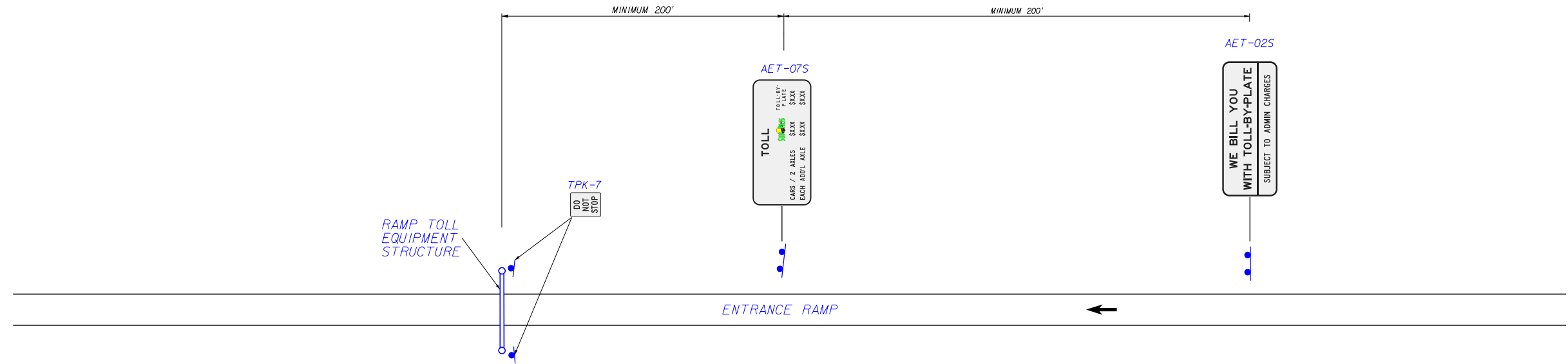
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

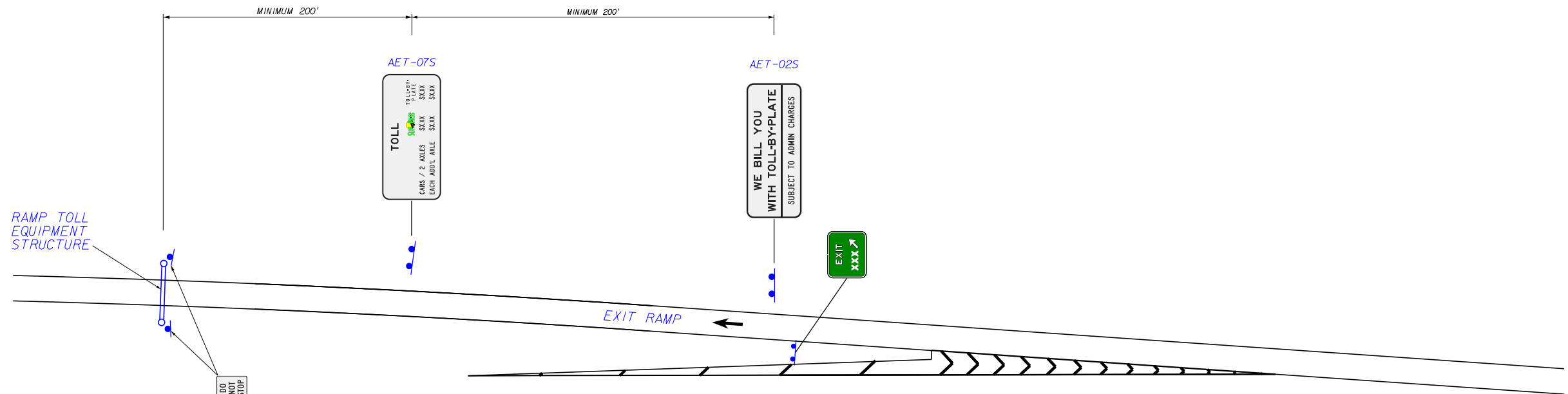
ALL ELECTRONIC TOLLING CONNECTING ROADWAYS TYPICAL SIGNING LAYOUT	SHEET NO.
	109-1



- NOTES:
- SIGNING OF CONNECTING ROADWAY TO TURNPIKE SHALL CONFORM TO MUTCD SECTION 2E.49 AND INCLUDE THE ADDITIONAL ALL ELECTRONIC TOLLING SIGN (AET-01S) SHOWN IN THESE TYPICAL LAYOUT DRAWINGS.
 - MINIMUM SPACING DISTANCES FOR SIGNS TO CONFORM TO THE TRAFFIC ENGINEERING MANUAL, RULE CHAPTER 14-51.014, TABLE 2.
 - LEGENDS/MESSAGES SHOWN ON SIGNS AET-04 ARE PROVIDED AS AN EXAMPLE ONLY. ACTUAL DESIGNS SHALL BE SHOWN IN THE PLANS.



ENTRANCE RAMP SIGNING WITH TOLL EQUIPMENT STRUCTURE

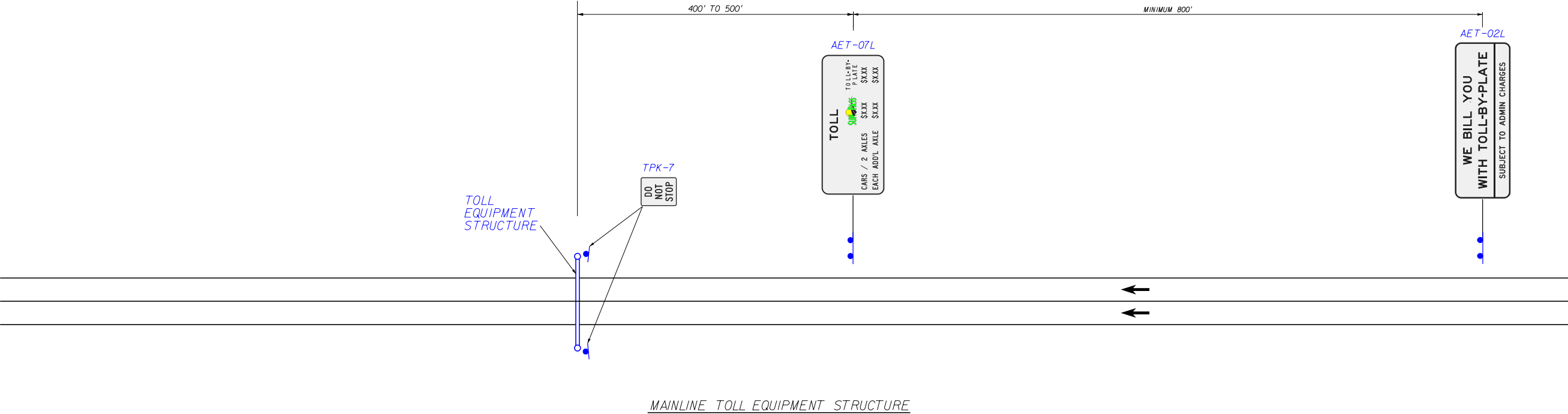


EXIT RAMP SIGNING WITH TOLL EQUIPMENT STRUCTURE

NOTES:
1. MINIMUM SPACING DISTANCES FOR SIGNS TO CONFORM TO THE TRAFFIC ENGINEERING MANUAL, RULE CHAPTER 14-51.014, TABLE 2.

7/16/2013

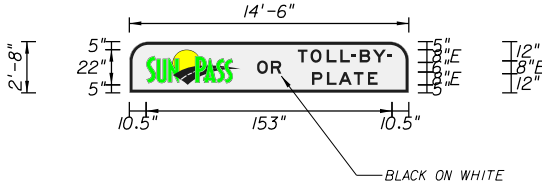
REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ALL ELECTRONIC TOLLING ENTRANCE/EXIT RAMP TYPICAL SIGNING LAYOUT	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					
						ROAD NO.	COUNTY	FINANCIAL PROJECT ID		109-2



NOTES:
1. MINIMUM SPACING DISTANCES FOR SIGNS TO CONFORM TO THE TRAFFIC
ENGINEERING MANUAL, RULE CHAPTER 14-51.014, TABLE 2.

REVISIONS							STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ALL ELECTRONIC TOLLING MAINLINE TOLL TYPICAL SIGNING LAYOUT	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		109-3

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:

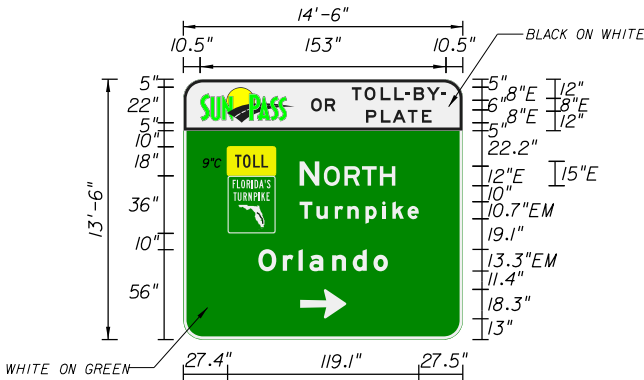
1. FOR WIDER WIDTHS, LEFT & RIGHT MARGIN SHOULD MATCH INTERWORD SPACING.

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																				

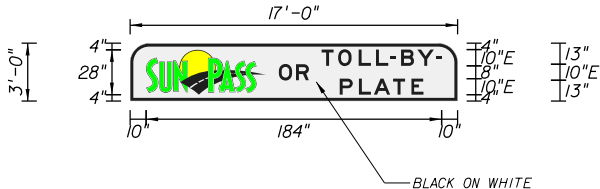
SIGN NAME		AET-04		QTY	I	SIGN NUMBER	STATION(S)
PANEL			BORDER				
WIDTH	14'-6"		WIDTH	2"			
HEIGHT	13'-6"		RADII	12"			
LEGEND	White,Black		COLOR	White			
COLOR	Green						
SYMBOL(S)		ANGLE	X	Y	WID	HT	
SP-LOGO		0	10.5	135	58.7	22	
M4-I5_TPK		0	27.4	102	30	18	
TP_SM		0	27.4	66	30	36	
ARMED		0	72.6	13.1	18.3	28.7	
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE	COLUMN SIZE			AVERAGE LENGTH	
		Edge Of Lane					



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	I	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 (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.

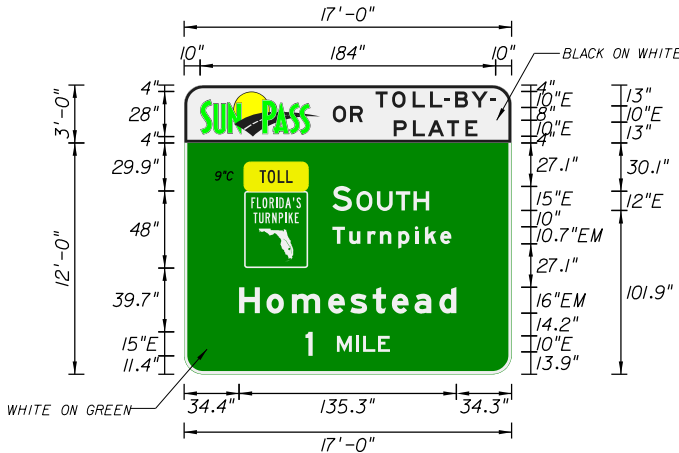
2. MAINLINE APPLICATIONS.

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-06		QTY	I	SIGN NUMBER	STATION(S)	
PANEL			BORDER					
WIDTH		17'-0"		WIDTH		2"		
HEIGHT		15'-0"		RADII		12"		
LEGEND		Black, White		COLOR		Black, White		
COLOR		Green, White						
SYMBOL(S)		ANGLE		X	Y	WID	HT	
SP-LOGO		0		10	148	74.7	28	
TP_MD		0		37	66.1	40	48	
M4-I5_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	I	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								

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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

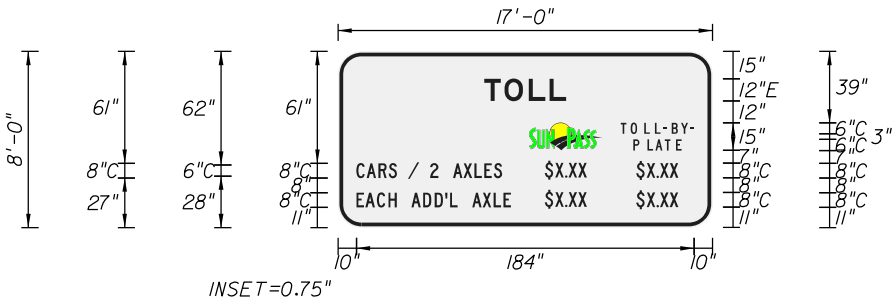
ALL ELECTRONIC TOLLING TOLL-BY-PLATE SIGN PANELS
--

SHEET NO.
110-2

SIGN NAME		AET-07S			
QUANTITY		1			
WIDTH		17'-0"			
HEIGHT		8'-0"			
BORDER WIDTH		2"			
BORDER RADII		12"			
PANEL COLOR		White			
LEGEND		Black			
BORDER		Black			
SYMBOL(S)	ANGLE	X	Y	WID	HT
SP_LOGO	0	104.1	42.1	40	15
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE STEEL		AVERAGE LENGTH	

NOTES:

I. PROPER TOLL AMOUNT SHALL BE PROVIDED PRIOR TO FABRICATION OF SIGN.



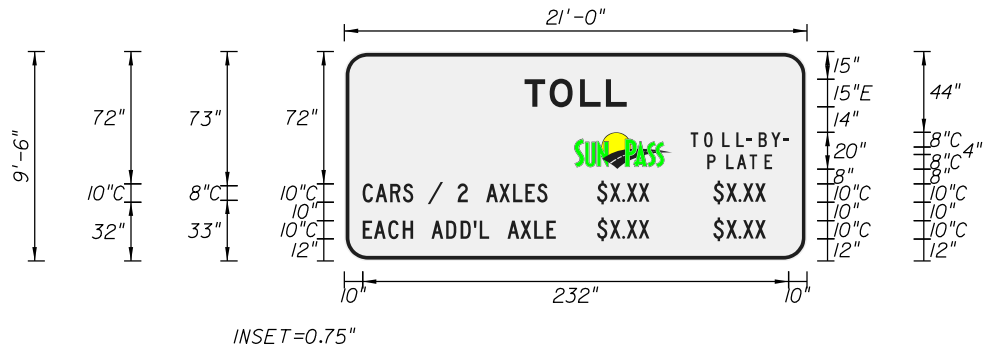
RAMP APPLICATIONS

[illegible]

SIGN NAME	AET-07L					
QUANTITY	1					
WIDTH	21'-0"					
HEIGHT	9'-6"					
BORDER WIDTH	2"					
BORDER RADII	12"					
PANEL COLOR	White					
LEGEND	Black					
BORDER	Black					
SYMBOL(S)	ANGLE	X	Y	WID	HT	
SP_LOGO	0	125.3	50	53.3	20	
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE			AVERAGE LENGTH	
		STEEL				

NOTES:

I. PROPER TOLL AMOUNT SHALL BE PROVIDED PRIOR TO FABRICATION OF SIGN.

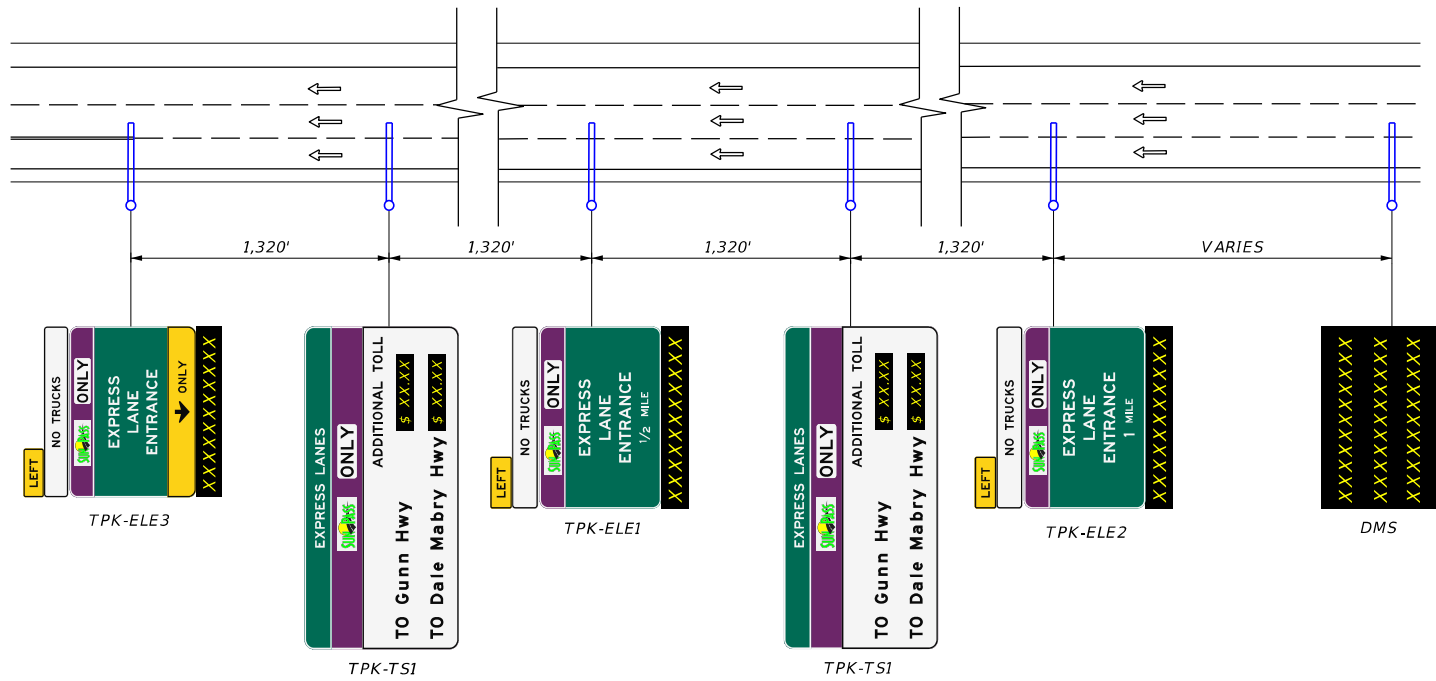


MAINLINE APPLICATIONS

[illegible]

REVISIONS							STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ALL ELECTRONIC TOLLING MISCELLANEOUS SIGN PANELS	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		110-4

7/16/2013



*Express Lanes Advance Signing
N.T.S.*

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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

<i>EXPRESS LANES ADVANCE SIGNING LAYOUT</i>	SHEET NO.
	III-I

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]

REVISIONS							STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			EXPRESS LANE SIGNING DETAILS SIGN PANELS	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		112-2

