

Sign Placement and Installation

- 1. Hand dig or vacuum excavate the first four feet of sign foundations.
- 2. 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

- 3. Use countersunk screws when using mechanical fasteners to attach sign panels to windbeams, brackets and splice plates for single, multi-post and overhead signs.
- 4. 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.
- 5. Ensure the outside corner of sign is concentric with border. Ensure white borders are designed and fabricated to be parallel to the edge of the sign. Ensure black borders are recessed from the edge of the sign.
- 6. Download the SunPass logo in Microstation format for use in sign fabrication from the Florida's Turnpike Traffic Design website: <http://design.floridasturnpike.com/> or obtain the logo by contacting the Turnpike Traffic Design Engineer at (407) 264-3418. The logo shall not be fabricated by hand cut-out method.
- 7. All signs shall be ASTM D4956-09 Type -XI retroreflective sheeting material.

Overlays

- 8. 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.
- 9. 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. The use of adhesive overlays is limited to 6 months or less.
- 10. 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.
- 11. 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.

Sign Panel Replacement

- 12. 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.

Sign Luminaires

- 13. Energize sign luminaires within 24 hours of overhead lighted sign installation.

Pavement Marking and Reflective Pavement Markers

- 14. Ensure that proposed pavement markings at all existing or proposed interface locations match the existing pavement markings in terms of alignment. Any conflicting pavement markings shall be removed.
- 15. Pavement markings may be adjusted slightly as directed by the Engineer.
- 16. Lay out permanent final striping that leaves no visible marks at time of final acceptance.
- 17. Place a green RPM 4" outside of ground in rumble strip at each whole mile marker.
- 18. 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.

Service Plaza Logo Signs

- 19. At least 30 calendar days prior to any conflicts between anticipated construction work and the Turnpike Service Plaza signs, coordinate with Concessions Management by calling 407-264-3184.

General Service Florida Logo Contract Signs

- 20. At or in advance of interchanges, the blue specific service signs with gas, food, or lodging panels attached are owned by Florida's Turnpike Enterprise. The logo panels are the property of Florida Logos, Inc. and shall be removed from the main panels and returned to Flodida logos, Inc. Florida Logos shall be notified when the blue general sign is removed or replaced by telephone at 1-888-608-0833.

Sponsor a Highway

- 21. All work associated with removing, storing, or relocating the Sponsor a Highway signs is the responsibility of Travelers Marketing. At least 30 calendar days prior to any conflicts between anticipated construction work and the Sponsor a Highway signs, coordinate with Travelers Marketing by telephone at (781) 416-5000 or (407) 456-1917.

\$DATE\$

R E V I S I O N S							STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN NOTES	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
											101-1

\$DATE\$

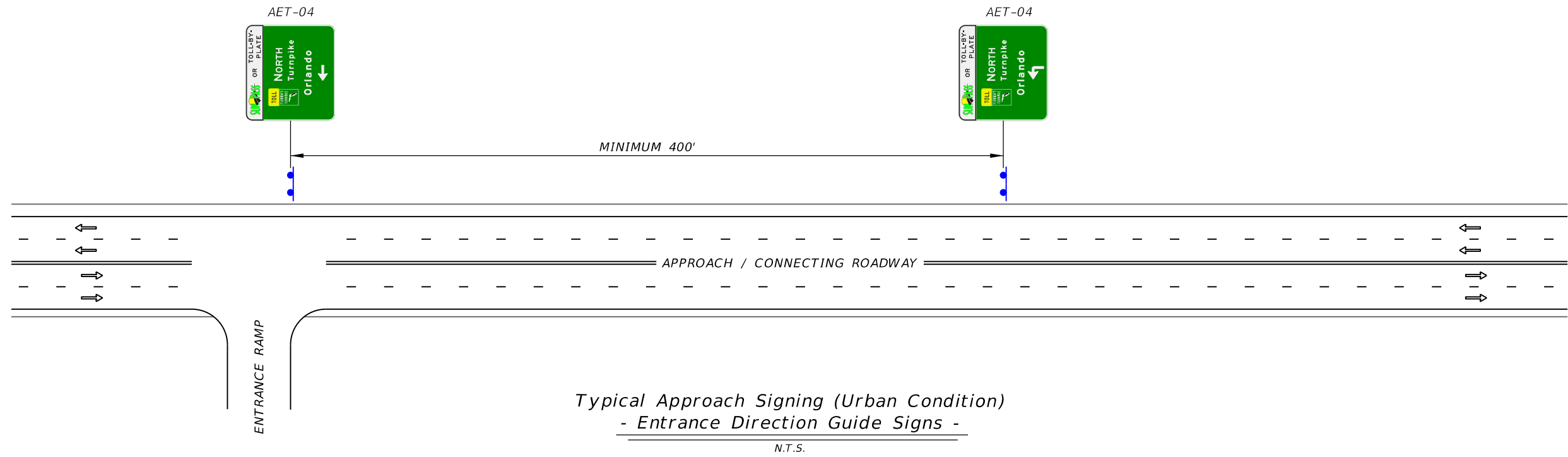
R E V I S I O N S							STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			NOTES TO DESIGNERS	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						
							ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
											101-2

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

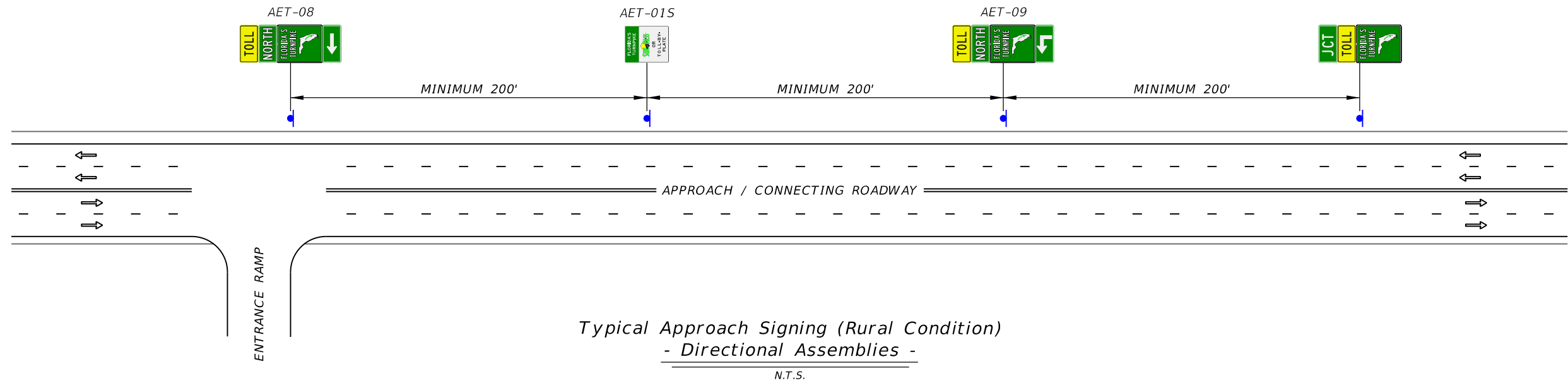
1. The Engineer will field verify all sign locations to ensure the sign is properly located and appropriate sign spacing is achieved.
2. All existing signs shall be shown on the plans. Label "existing to remain" for those that are to remain in place. All existing signs are to remain visible until such time as the proposed sign installation is completed.
3. Notes 3 through 8 on sheet 101-1 are in the process of being incorporated into standard specification language. Please coordinate with FTE Specifications and Traffic Design to determine if this note should be added to the plans or if specification language is available prior to plan submittal.

Notes to Designers for Express Lanes

4. Toll Amount sign structures shall be designed to accommodate three (3) destinations. The cross-section sheet should show the outline of a three (3) destination panel and the proposed panel to be installed with the project (if the proposed panel does not have three (3) destinations).
5. Toll amount sign closest to an ingress shall be on a span structure.
6. Toll Amount embedded front access DMS shall be full color, 20mm pixel pitch, be able to display seven (7) characters, and have 18" character height. Embedded DMS shall be mounted per sign manufacturer requirements.
7. Express Lane Status one-line front access DMS shall be full color, 20mm pixel pitch, be able to display 18 characters per line, and have 18" character height.
8. The express lane signs shall be overhead and over the corresponding lanes. The Advance Signing Layout diagrams are a guide for placement. Sign structures can be located on either side of the road or on a span. Roadway conditions determine the type of structure.
9. For direct connect access into the express lanes, the sequence can be adjusted to have one (1) toll amount sign, with a lane status DMS. The lane status DMS will serve as a backup for the provided toll amount. This DMS shall have separate power and separate communication.
10. For more than one (1) Express Lane, guide signs shall read EXPRESS LANES.



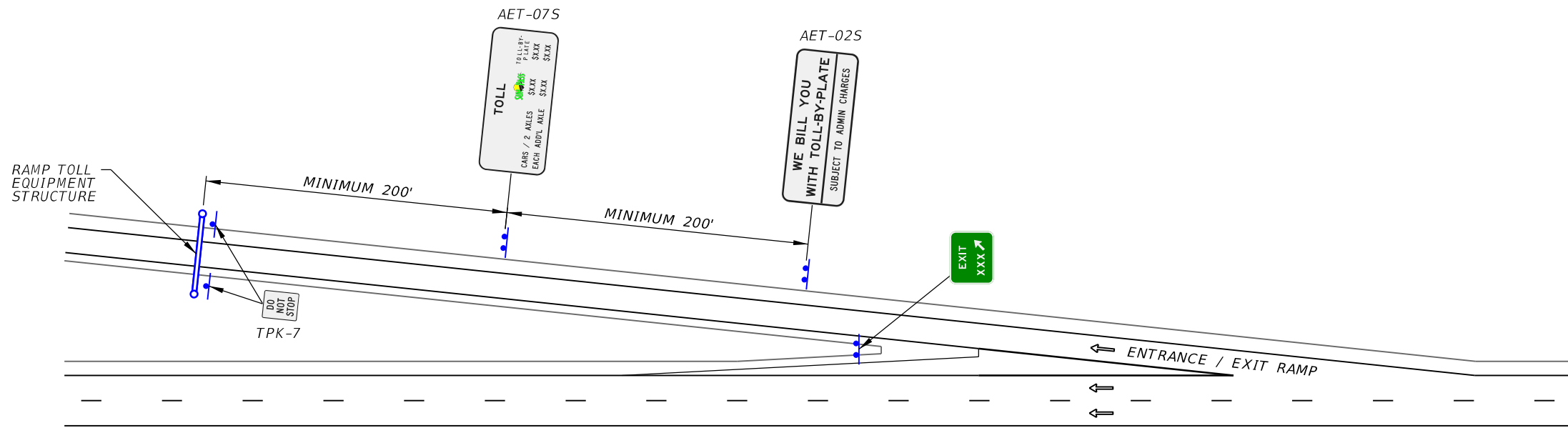
Typical Approach Signing (Urban Condition)
- Entrance Direction Guide Signs -
N.T.S.



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.

REVISIONS							STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ALL ELECTRONIC TOLLING CONNECTING ROADWAYS TYPICAL SIGNING LAYOUT		SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
												102-1



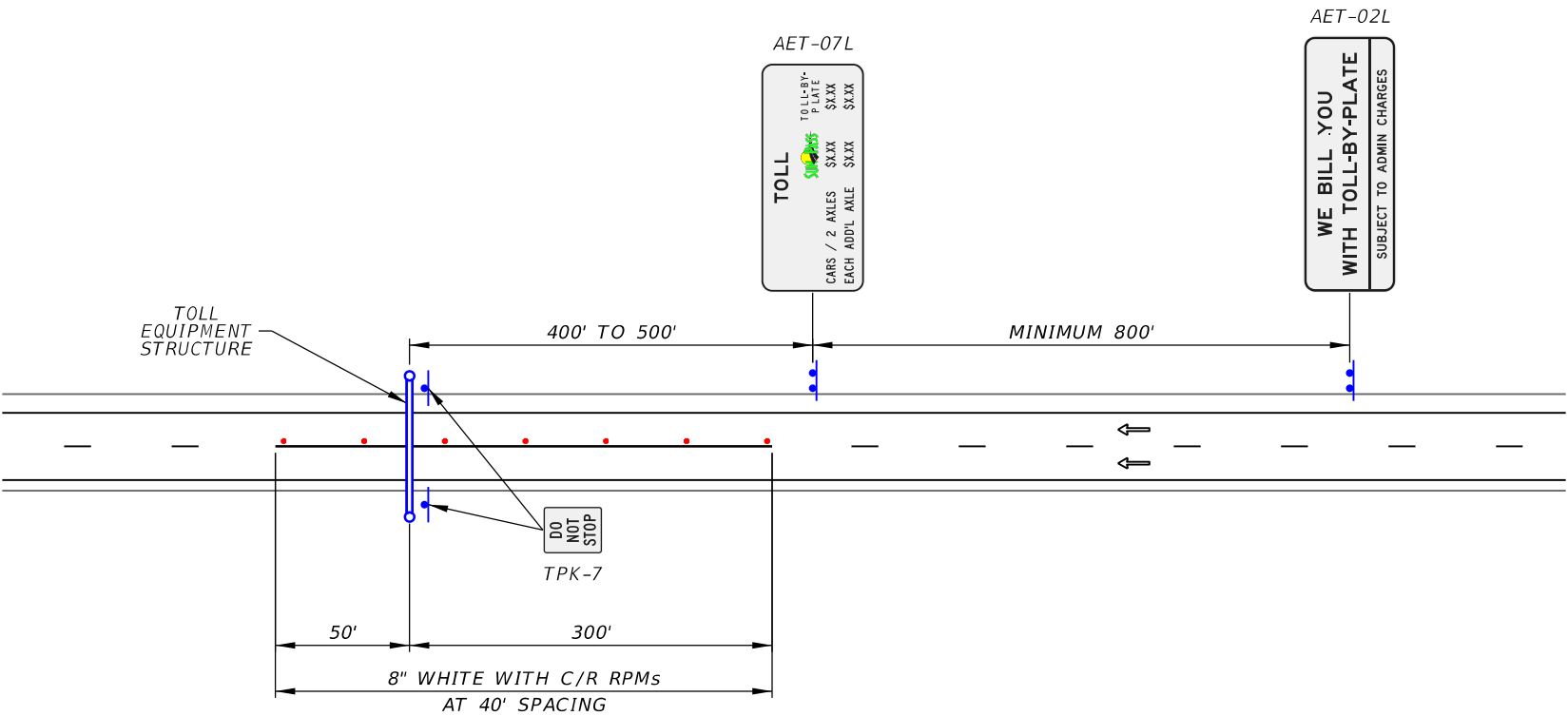
Typical Entrance / Exit Ramp Signing
With Toll Equipment Structure

N.T.S.

NOTES:

1. MINIMUM SPACING DISTANCES FOR SIGNS SHALL CONFORM TO THE TRAFFIC ENGINEERING MANUAL AND F.A.C. RULE CHAPTER 14-51, TABLE 1.
2. TWO TPK-7 (DO NOT STOP) SIGNS ARE REQUIRED PER DIRECTION OF TRAVEL.
3. PLACEMENT OF AET-07S AND AET-02S SIGNS MAY BE BEFORE OR AFTER THE GANTRY, IF FIELD CONSTRAINTS WARRANT IT.

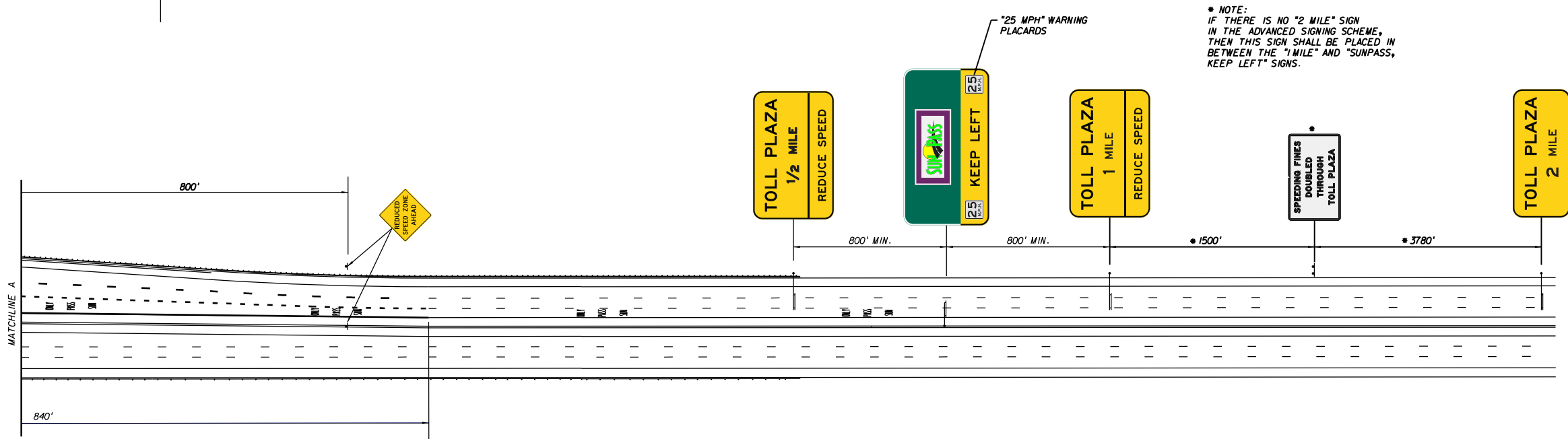
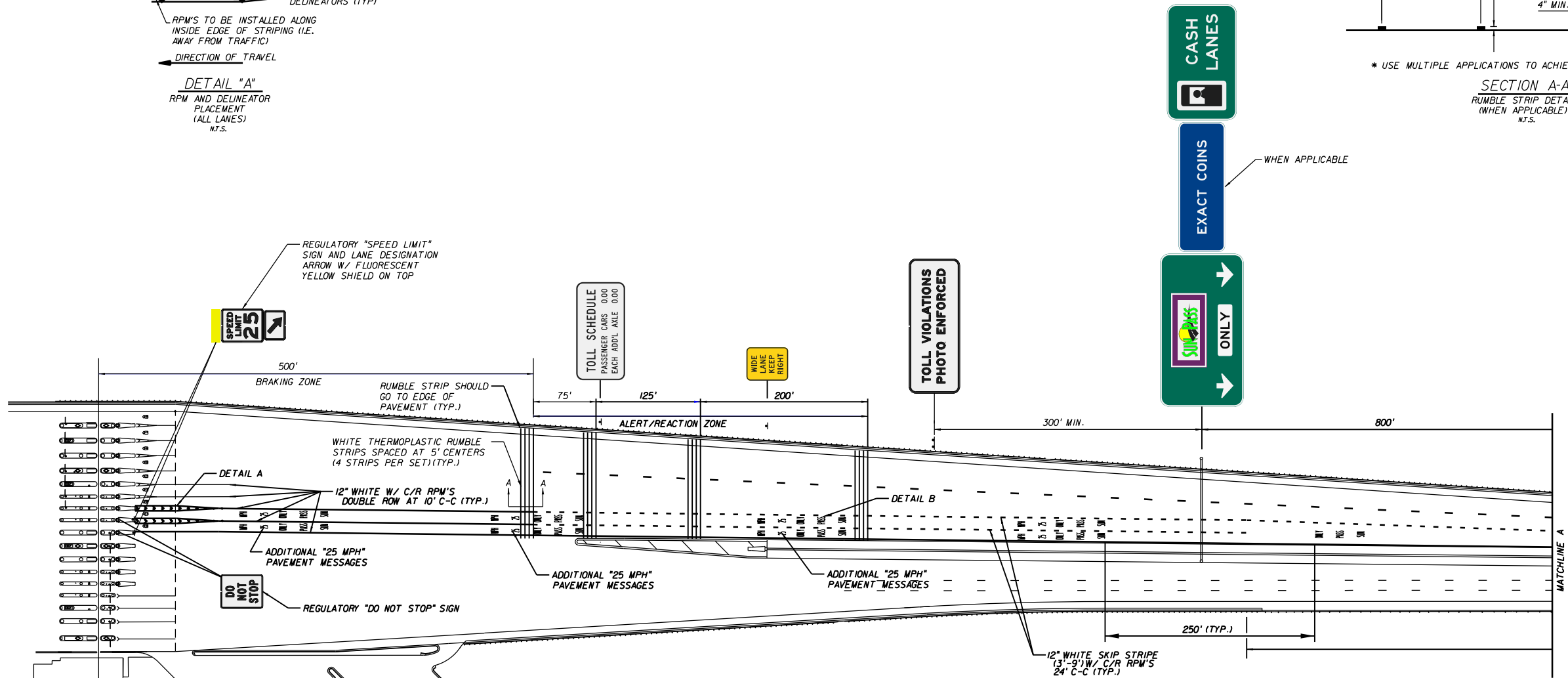
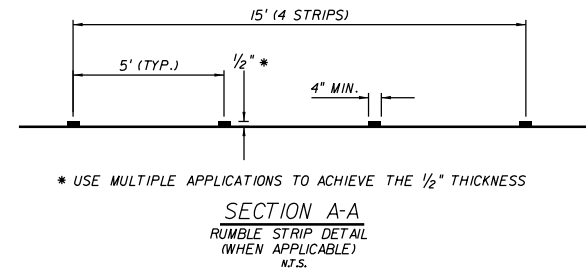
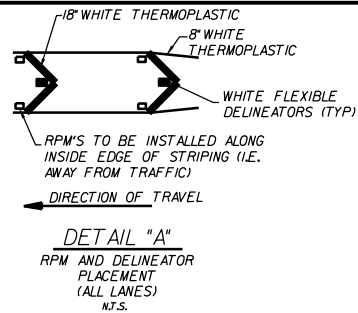
\$DATE\$	REVISIONS							STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ALL ELECTRONIC TOLLING ENTRANCE/EXIT RAMP TYPICAL SIGNING LAYOUT	SHEET NO.
	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						
								ROAD NO.	COUNTY	FINANCIAL PROJECT ID		102-2



Mainline Toll Equipment Structure
N.T.S.

- NOTES:
1. MINIMUM SPACING DISTANCES FOR SIGNS SHALL CONFORM TO THE TRAFFIC ENGINEERING MANUAL AND F.A.C. RULE CHAPTER 14-51, TABLE 1.
 2. TWO TPK-7 (DO NOT STOP) SIGNS ARE REQUIRED PER DIRECTION OF TRAVEL.
 3. PLACEMENT OF AET-07L AND AET-02L SIGNS MAY BE BEFORE OR AFTER THE GANTRY, IF FIELD CONSTRAINTS WARRANT IT.

\$DATE\$	REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ALL ELECTRONIC TOLLING MAINLINE TOLL TYPICAL SIGNING LAYOUT			SHEET NO.
	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					
											102-3
							ROAD NO.	COUNTY	FINANCIAL PROJECT ID		



N.T.S.

MAIN LINE PLAZA NOTES:

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

\$DATE\$

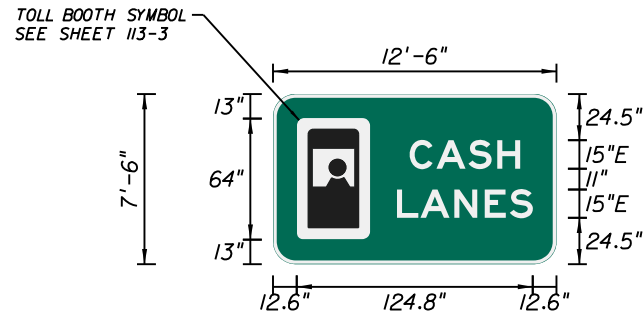
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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

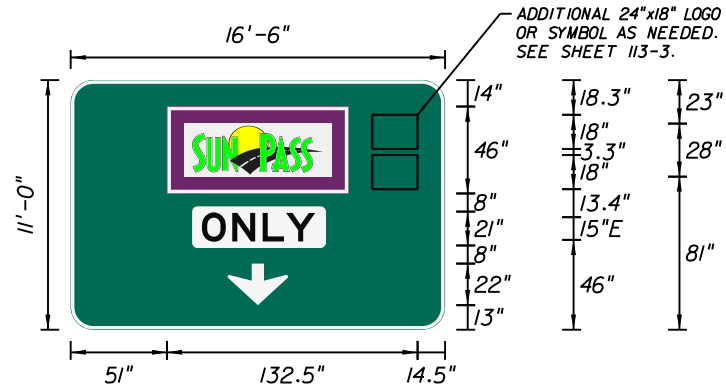
**DUAL DEDICATED MAINLINE
TOLL PLAZA SIGNING AND
PAVEMENT MARKING LAYOUT**

SHEET NO.
104-1

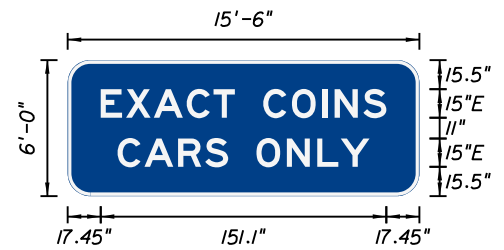
SIGN NAME		TPK-ACI		QTY		SIGN NUMBER		STATION(S)	
PANEL				BORDER					
WIDTH		12'-6"		WIDTH		2"			
HEIGHT		7'-6"		RADII		12"			
LEGEND		White		COLOR		White			
COLOR		Green							
SYMBOL(S)		ANGLE		X		Y		WID	
TB_ADV		0		12.6		13		38	
SIGN NUMBER		NUMBER OF POSTS		CLEARANCE Edge Of Lane		COLUMN SIZE		AVERAGE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



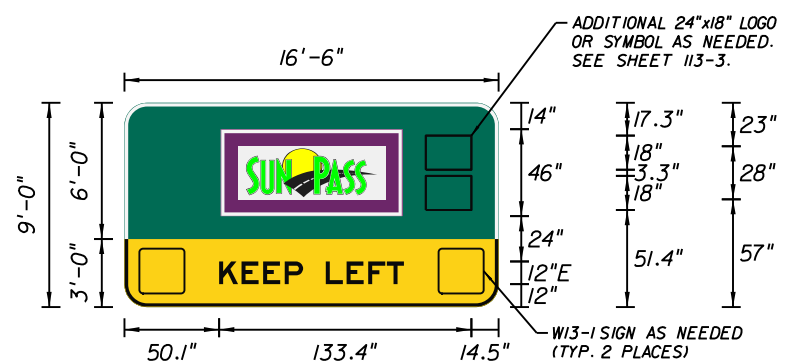
NO. OF LIGHT FIXTURES		FIXTURE SPACING		PHOTOMETRIC CURVE		WATT		VOLTAGE	
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[illegible][illegible]

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

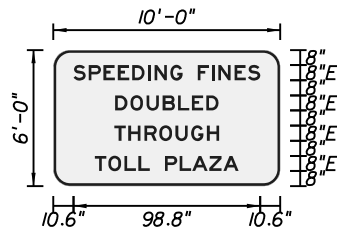
NO. OF LIGHT FIXTURES		FIXTURE SPACING		PHOTOMETRIC CURVE		WATT		VOLTAGE	
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[illegible][illegible]

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

\$DATE\$	REVISIONS					STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TOLL PLAZA SIGNING DETAILS MAINLINE APPROACH SIGN PANELS	SHEET NO.
	DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		104-2

[illegible]

FOR RAMP OR MAINLINE APPLICATION

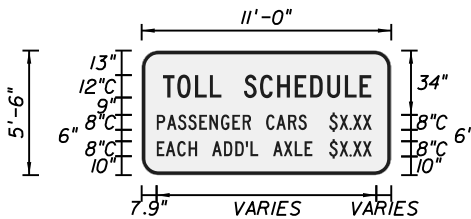
NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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[illegible]

SIGN NAME		TPK-TOLL5		QTY	1	SIGN NUMBER		STATIONING	
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	

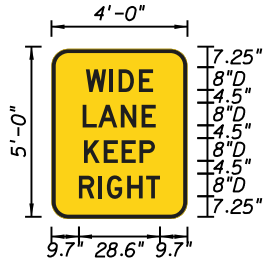
NOTES:

1. AMOUNT \$X.XX IS FOR SPACING PURPOSES ONLY. PROPER TOLL AMOUNT SHALL BE VERIFIED WITH THE TRAFFIC DESIGN ENGINEER PRIOR TO FABRICATION.



RAMP APPLICATION

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

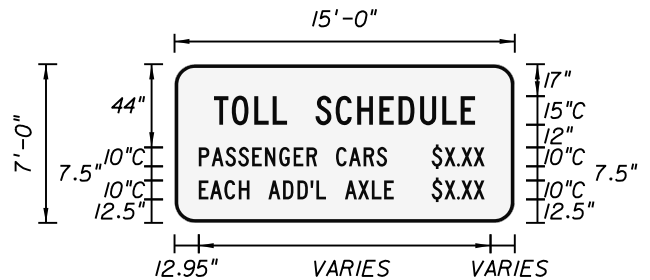
FOR RAMP OR MAINLINE APPLICATION

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

NOTES:

1. AMOUNT \$X.XX IS FOR SPACING PURPOSES ONLY. PROPER TOLL AMOUNT SHALL BE VERIFIED WITH THE TRAFFIC DESIGN ENGINEER PRIOR TO FABRICATION.

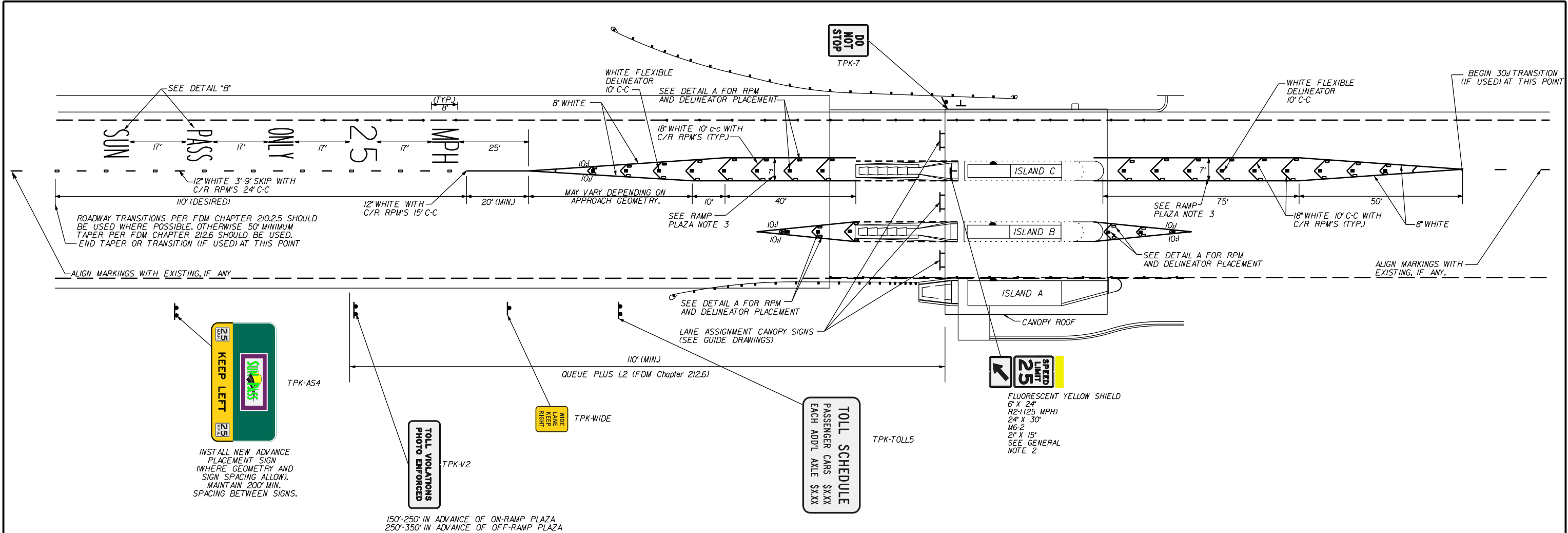


MAINLINE APPLICATION

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

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		104-5

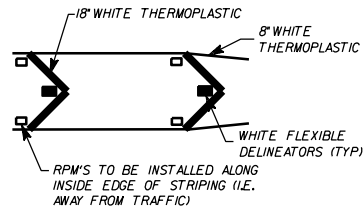


GENERAL NOTES:

- ALL RPM'S SHALL BE PLACED ON THE ISLAND SIDE OF THE ADJACENT EDGELINES.
- 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.
- SUNPASS SIGNS CAN BE DOWNLOADED FROM:
http://www.floridasturnpike.com/design/prod_design/traffic/trafficguld drawings.html
- PAVEMENT MARKINGS MAY BE ADJUSTED SLIGHTLY AS DIRECTED BY THE ENGINEER.
- TOLL COLLECTOR WARNING SIGNS SHALL BE FURNISHED AND INSTALLED (ANCHOR BOLTED) 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.
- 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:

- RIGHT SIDE DEDICATED LANE SHALL BE MIRROR-IMAGE OF THIS EXHIBIT.
- TOLL COLLECTOR SIGNS SHALL BE INSTALLED ON ISLANDS BORDERING DEDICATED USE SUNPASS LANES ONLY.
- 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.
- 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.

N.T.S.

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	RAMP TOLL PLAZA TYPICAL SUNPASS SIGNING AND PAVEMENT MARKINGS			SHEET NO. 104-6
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					
						ROAD NO.	COUNTY	FINANCIAL PROJECT ID		

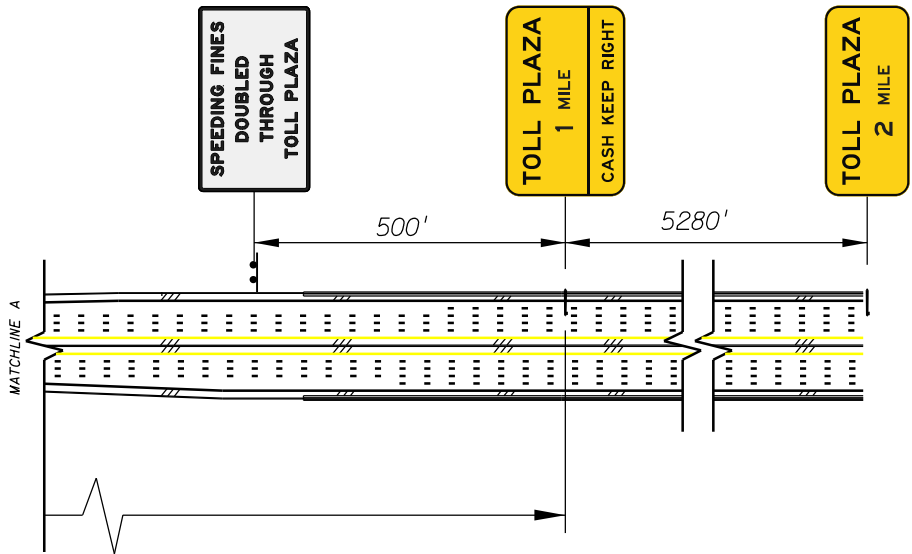
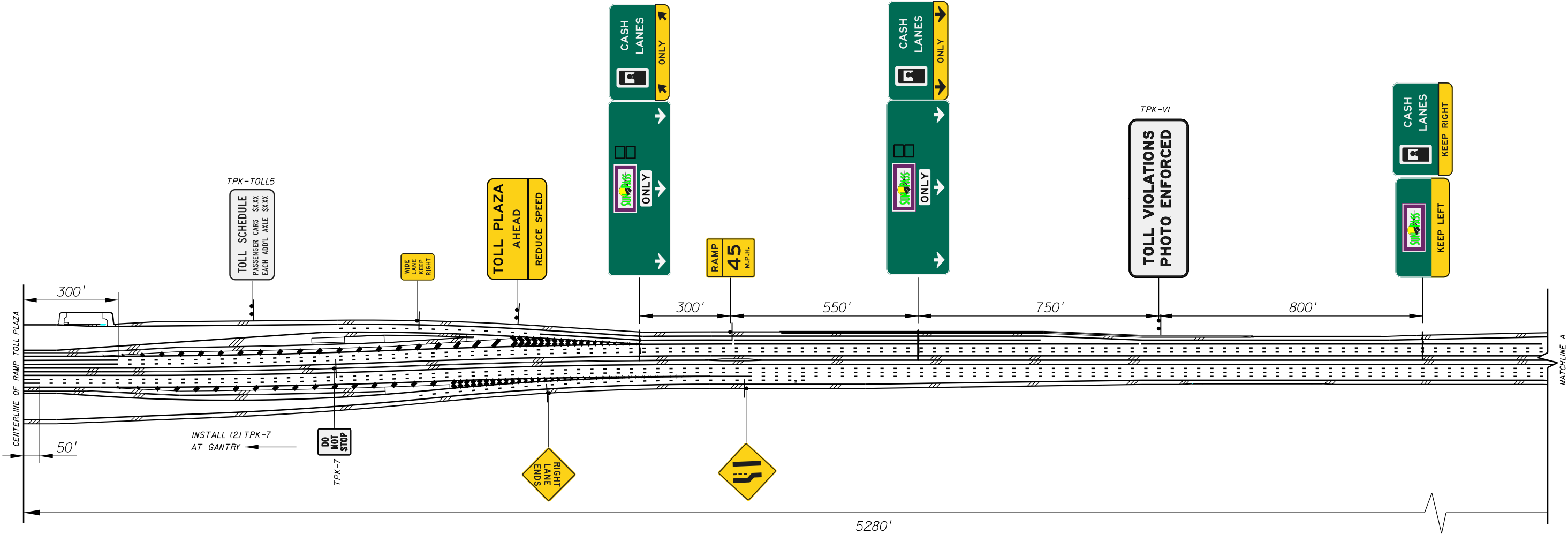
\$DATE\$

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.
105-I



N.T.S.

Diagram of a green rectangular highway sign with dimensions and layout details:

- Overall Dimensions:**
 - Length: 29'-0" (320")
 - Width: 10'-6" (94")
- Layout Details:**
 - Top Section:**
 - Left: "SUN PASS" logo with a sun icon.
 - Right: Two small square boxes, with a callout pointing to them: "ADDITIONAL 24\"x18\" LOGO OR SYMBOL AS NEEDED. SEE SHEET 113-3."
 - Middle Section:**
 - Center: "ONLY" text with a downward arrow below it.
 - Bottom Section:**
 - Left and Right: Downward arrows.
- Vertical Dimensions (Left Side):**
 - Total height: 94"
 - Top section height: 22"
 - Bottom section height: 10"
- Vertical Dimensions (Right Side):**
 - Top section height: 12"
 - Middle section height: 46"
 - Bottom section height: 7"
 - Bottom-most section height: 21"
 - Bottom-most section height: 8"
 - Bottom-most section height: 22"
 - Bottom-most section height: 10"
- Horizontal Dimensions (Right Side):**
 - Top section width: 15.3"
 - Middle section width: 3.3"
 - Bottom section width: 13.3"
 - Bottom-most section width: 15"E
 - Bottom-most section width: 11"
 - Bottom-most section width: 22"
 - Bottom-most section width: 10.1"
- Other Dimensions:**
 - Left side margin: 14"
 - Right side margin: 14"
 - Right side margin: 21"
 - Right side margin: 28"
 - Right side margin: 77"

[illegible]

Diagram of a "CASH LANES ONLY" sign with dimensions:

- Overall width: 16'-6"
- Overall height: 10'-0"
- Sign face width: 176"
- Sign face height: 84"
- Top section height: 64"
- Bottom section height: 22"
- Top section width: 16'-6"
- Bottom section width: 176"
- Top section text: "CASH LANES"
- Bottom section text: "ONLY"
- Top section symbol: TOLL BOOTH SYMBOL (SEE SHEET 113-3)
- Bottom section symbol: DOWN ARROWS

[illegible]

TOLL BOOTH SYMBOL
SEE SHEET 113-3

15'-6"

10'-0"

14.5"

64"

41.5"

23"

15"E

15"

15"E

16"

36"

11" 1"

12"E

12"

39.7"

106.6"

39.7"

84"

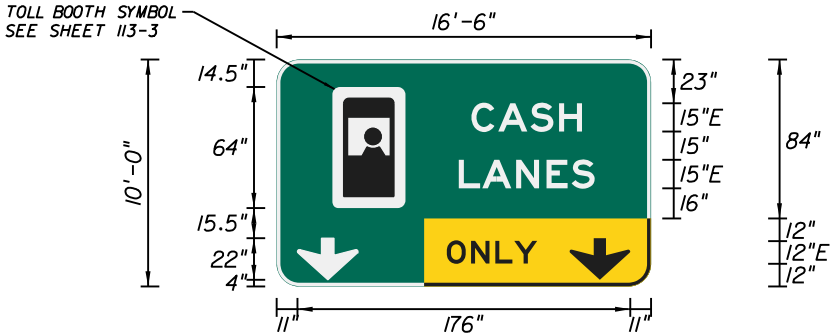
[illegible]

Diagram of a Toll Booth Sign (Green and Yellow) with dimensions:

- Overall width: 16'-0"
- Overall height: 10'-0"
- Sign components and dimensions:
 - Top section (Green): 14.5" height, 164" width.
 - Bottom section (Yellow): 28" height, 164" width.
 - Left side margin: 64" (from top) and 9.5" (from bottom).
 - Right side margin: 23" (from top), 15"E (from top), 15"E (from top), and 16" (from bottom).
 - Bottom section details: 14" side margin, 12"E (from bottom), and 12"E (from bottom).
- Text on sign: "CASH LANES" (top), "ONLY" (bottom), and "TOLL BOOTH SYMBOL SEE SHEET 113-3" (top left).

[illegible]\$DATE\$

SIGN NAME	TPK-CPX4	QTY	I	SIGN NUMBER	STATION(S)
PANEL	BORDER				
WIDTH	16'-6"	WIDTH	2"		
HEIGHT	10'-0"	RADII	12"		
LEGEND	Whi/Blk	COLOR	White		
COLOR	Green/Yellow				
SYMBOL(S)	ANGLE	X	Y	WID	HT
TB_ADV	0	29.8	41.5	38	64
ARSHRT	0	11	4	32	22
ARSHRT	0	155	4	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
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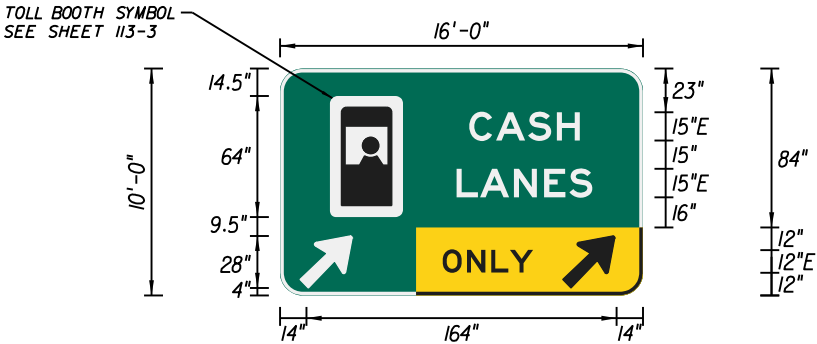
COPY		C	A	S	H	L													
SPACE	103	14.2	16.9	15.1	12.1	36.7	58.3												
COPY		L	A	N	E	S	L												
SPACE	96.2	12.4	17.9	16	13.3	12.2	30	71.8											
COPY		O	N	L	Y	L													
SPACE	90	12.8	12.8	10	12.2	60.2	47.8												
COPY																			
SPACE																			
COPY																			
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 Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	

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

SIGN NAME	TPK-CPX5	QTY	I	SIGN NUMBER	STATION(S)
PANEL	BORDER				
WIDTH	16'-0"	WIDTH	2"		
HEIGHT	10'-0"	RADII	12"		
LEGEND	Whi/Blk	COLOR	White		
COLOR	Green/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 Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



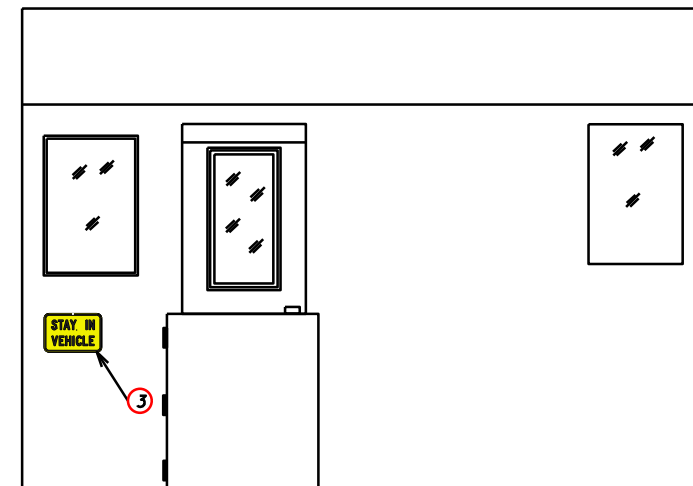
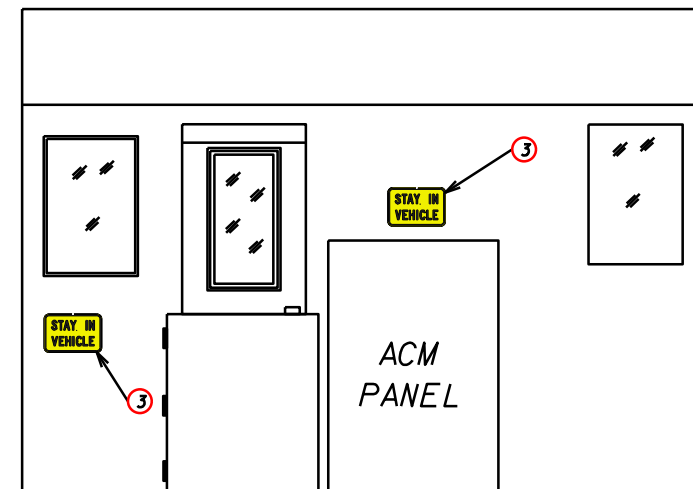
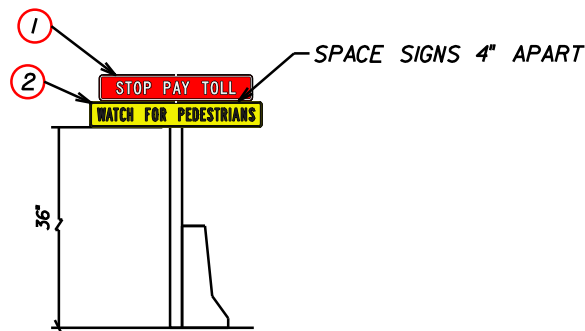
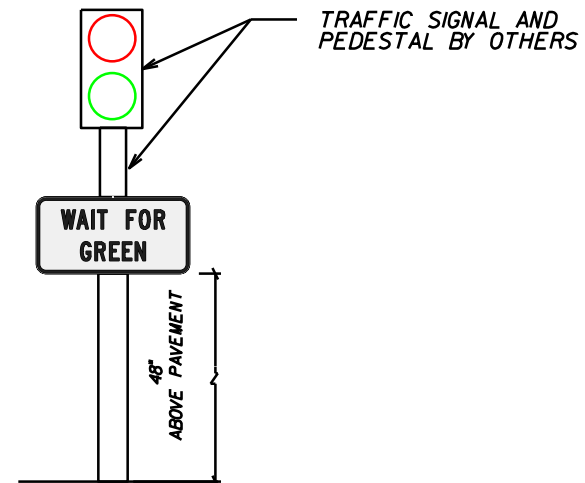
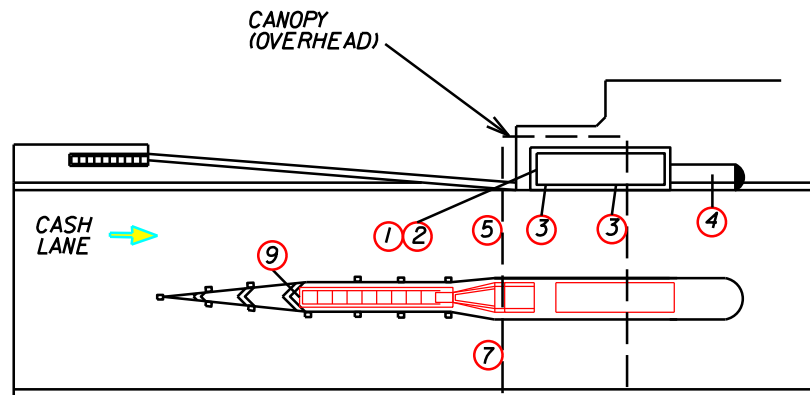
NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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COPY		C	A	S	H	L													
SPACE	100	14.2	16.9	15.1	12.1	33.7	58.3												
COPY		L	A	N	E	S	L												
SPACE	93.2	12.4	17.9	16	13.3	12.2	27	71.8											
COPY		O	N	L	Y	L													
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 Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	

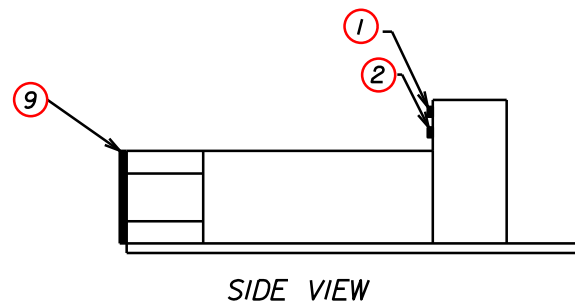
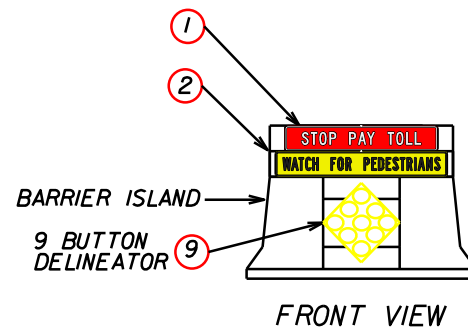
NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
-----------------------	-----------------	-------------------	------	---------

COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			



TOLL PLAZA SIGN SYMBOL LEGEND

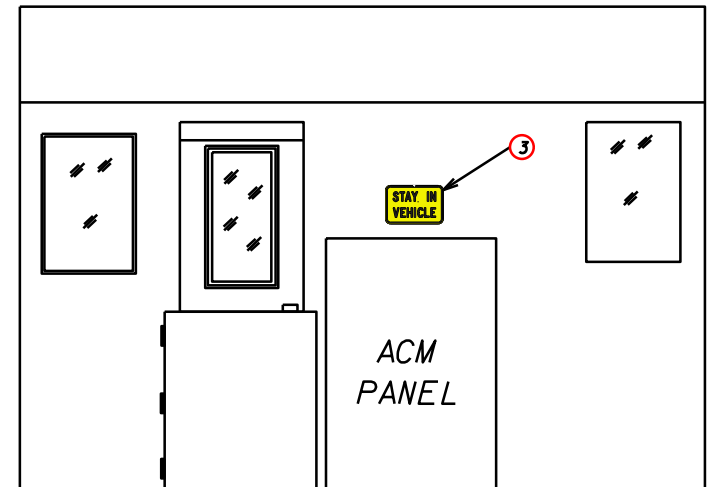
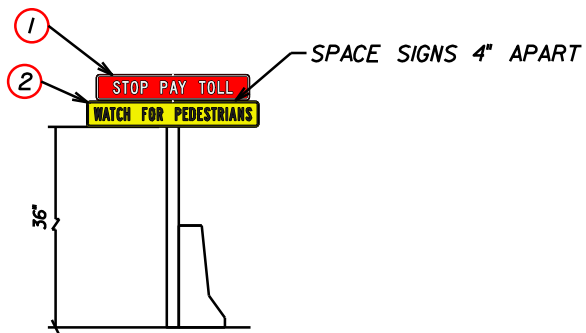
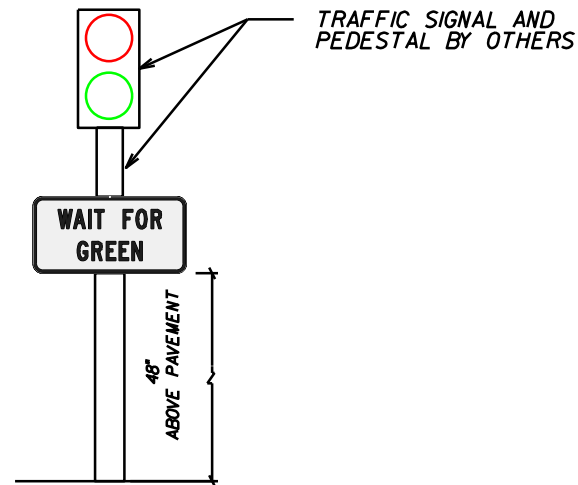
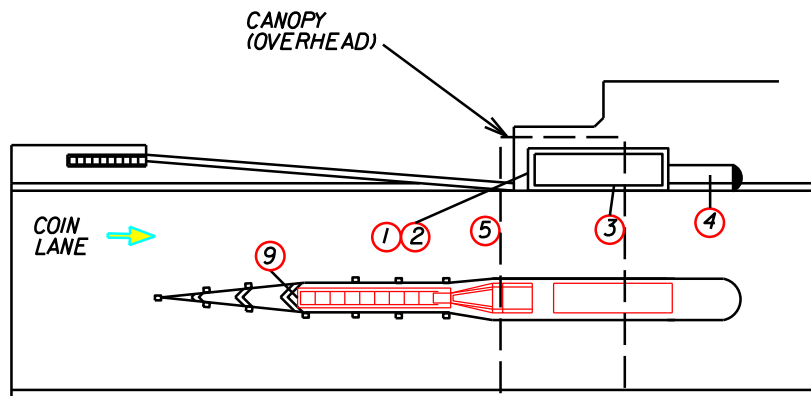
	LEGEND OR DESCRIPTION	REMARKS
1	STOP PAY TOLL	MOUNT ON ISLAND GATORHEAD
2	WATCH FOR PEDESTRIANS	MOUNT ON ISLAND GATORHEAD
3	STAY IN VEHICLE	MOUNT ON TOLL BOOTH OR ACM
4*	WAIT FOR GREEN	MOUNT ON TOLL BOOTH
5	LANE DESIGNATION SIGN	MOUNT ON CANOPY
7	LANE DESIGNATION SIGN	MOUNT ON CANOPY
9	9 BUTTON DELINEATOR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



N.T.S.

\$DATE\$

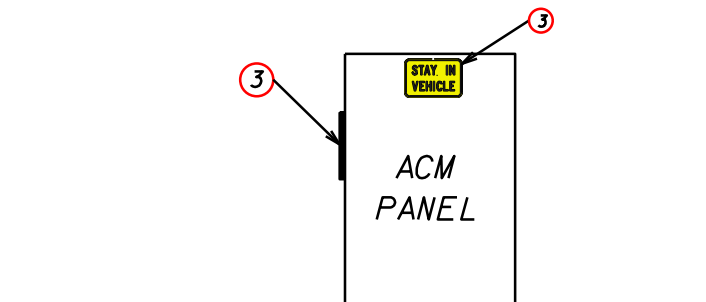
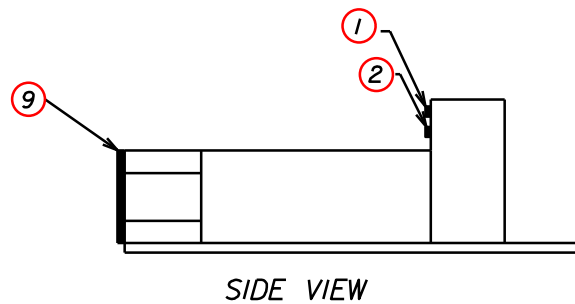
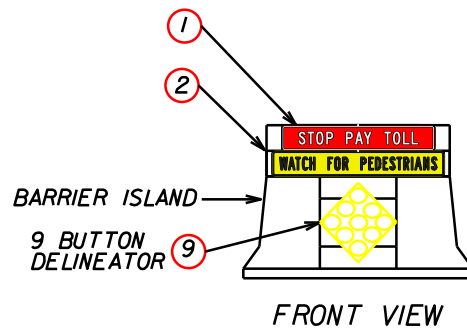
REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	CASH LANE TOLL PLAZA SIGNING LAYOUT	SHEET NO. 107-1
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			
						ROAD NO.	COUNTY	FINANCIAL PROJECT ID



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

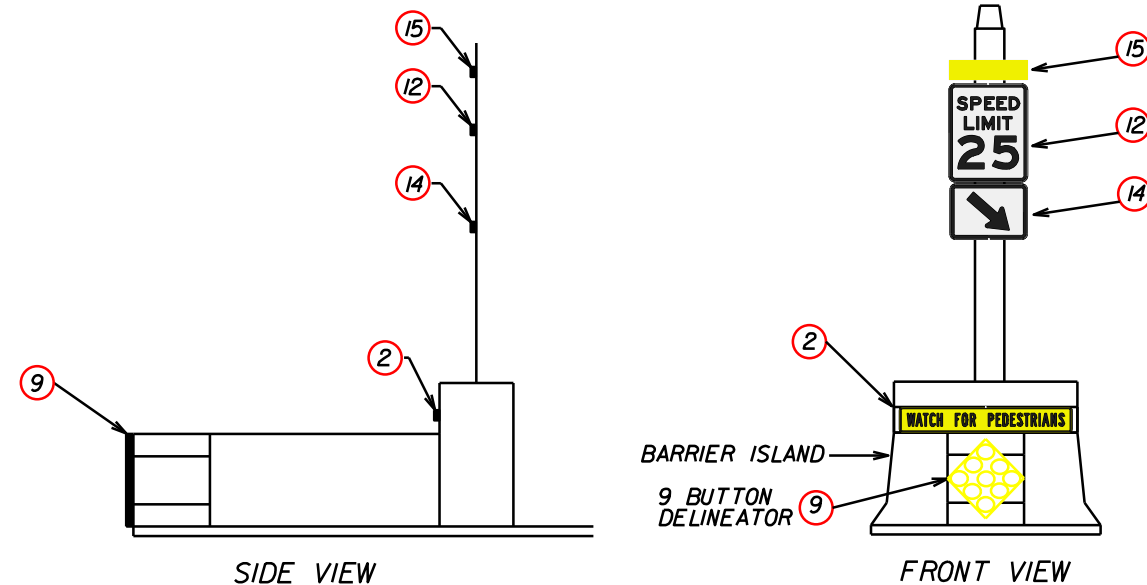
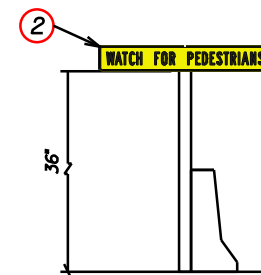
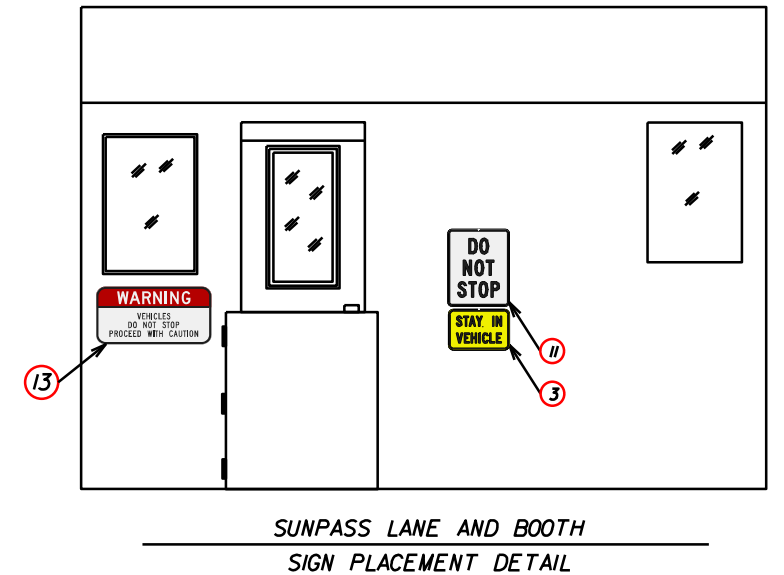
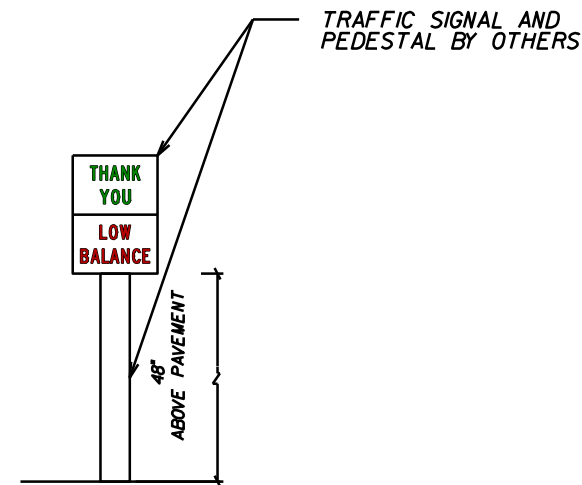
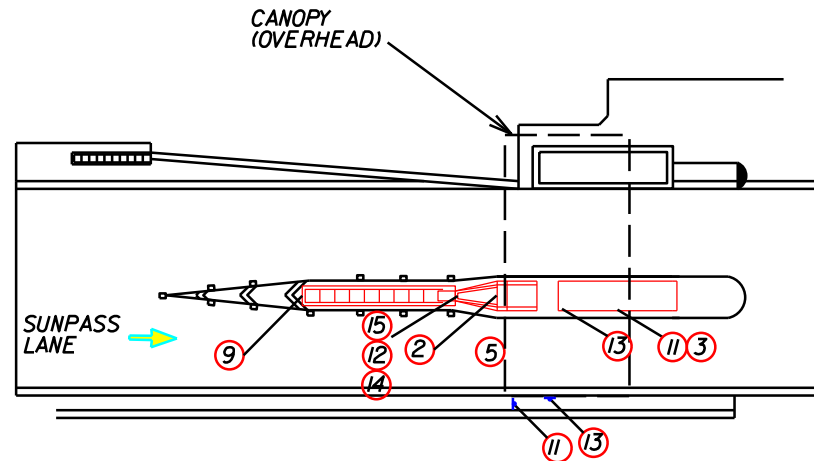


UNSTAFFED COIN LANE - NO BOOTH
SIGN PLACEMENT DETAIL

N.T.S.

\$DATE\$

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	COIN LANE TOLL PLAZA SIGNING LAYOUT		SHEET NO. 107-2
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				
						ROAD NO.	COUNTY	FINANCIAL PROJECT ID	



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

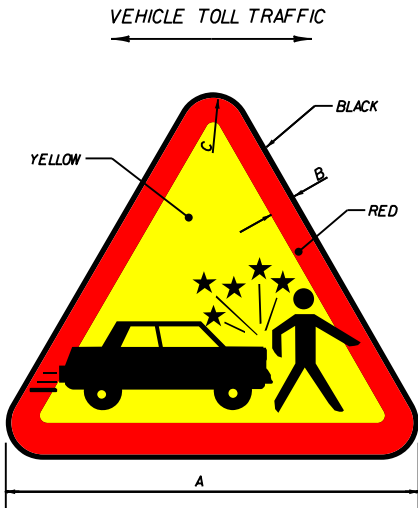
N.T.S.

\$DATE\$

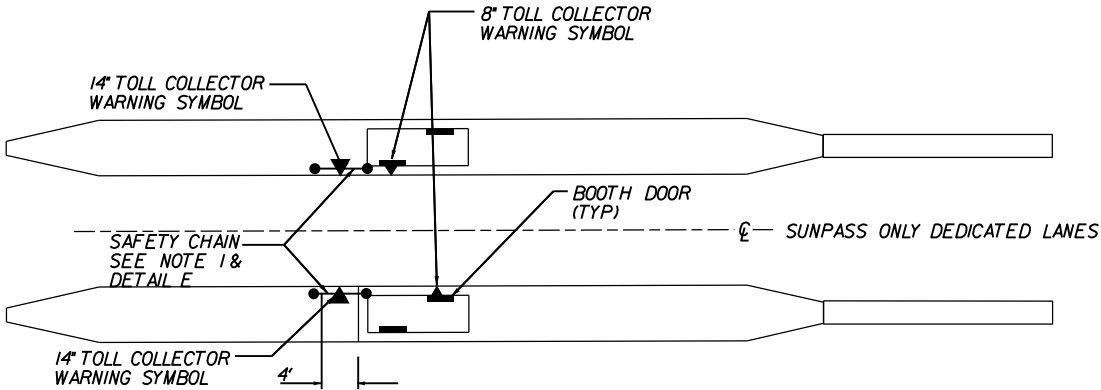
REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	SUNPASS LANE TOLL PLAZA SIGNING LAYOUT	SHEET NO. 107-3
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			
						ROAD NO.	COUNTY	FINANCIAL PROJECT ID

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

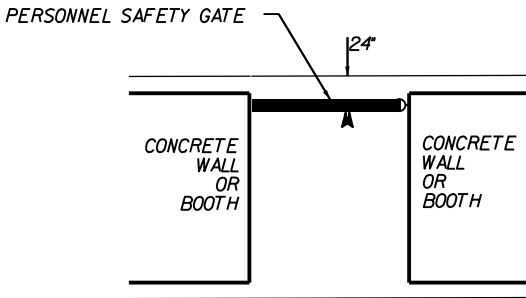
NOTE: SYMBOLS SHALL BE PLACED IN BOOTH DOORWAYS AND WALKWAYS AS SHOWN ON PLANS. SURFACES SHALL BE THOROUGHLY CLEANED PRIOR TO APPLICATION.



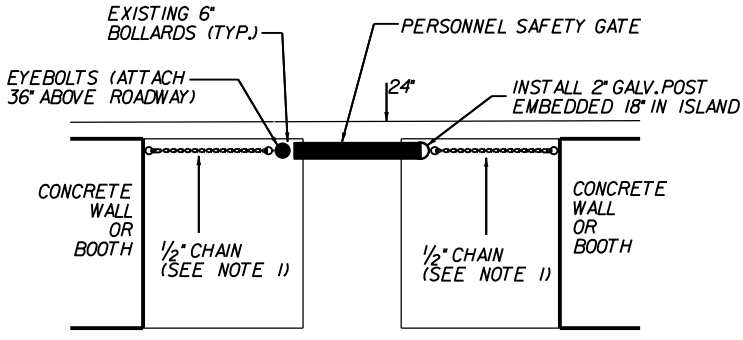
TYPICAL TOLL ATTENDANT WARNING SYMBOL
NTS



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.



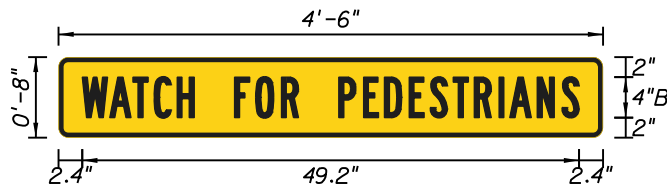
DETAIL "E"
FOR MAINLINE PLAZA CROSSWALKS
WITH BOLLARDS.
(DEDICATED LANES ONLY)
N.T.S.

- NOTES:
1. SIGNS SHALL BE MOUNTED ONLY ON ISLANDS BORDERING SUNPASS DEDICATED LANES.
 2. SIGN TPK-5 (SEE DRAWING III-6), 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 III-6), 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 STANDARD PLANS, INDEX 700-101.
 4. SIGN TPK-5 (SEE DRAWING III-6) SHALL BE POST MOUNTED ADJACENT TO SIDEWALK BETWEEN ADMINISTRATION BUILDING AND NEAREST TOLL LANE.

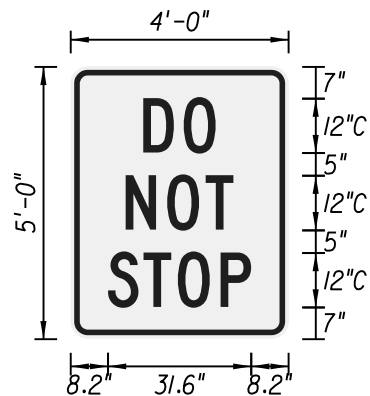
- NOTES:
1. SAFETY CHAINS SHALL CONSIST OF 1/2" YELLOW COLORED, VINYL-COATED STEEL CHAIN, SNAPHOOK, SHACKLES, EYEBOLTS, AND ANCHORS. THE SAFETY CHAINS SHALL BE ANCHORED TO CONCRETE WALL, MASONRY, OR BOLLARDS BY LAG SHIELDS AND 3/8" EYEBOLTS. STEEL BOLLARDS SHALL BE FIELD GALVANIZED AROUND HOLES AND YELLOW 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 SEPERATOR EQUIPMENT.

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	TOLL PLAZA SPECIAL DETAILS		SHEET NO. 107-4
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				

SIGN NAME		TPK-6			
QUANTITY		1			
WIDTH		4'-6"			
HEIGHT		0'-8"			
BORDER WIDTH		0.5"			
BORDER RADII		1"			
PANEL COLOR		Fluorescent Yellow			
LEGEND		Black			
BORDER		Black			
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	CLEARANCE EDGE OF LAKE	COLUMN SIZE STEEL		AVERAGE LENGTH	

[illegible]

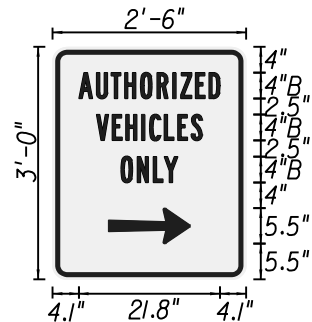
SIGN NAME		TPK-7			
QUANTITY		1			
WIDTH		4'-0"			
HEIGHT		5'-0"			
BORDER WIDTH		1.25"			
BORDER RADII		3" INSET: 0.75"			
PANEL COLOR		White			
LEGEND		Black			
BORDER		Black			
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE STEEL			AVERAGE LENGTH



1. FOR RAMP AND MAINLINE USE
2. SEE CURRENT GTR FOR MOUNTING CRITERIA

[illegible]

SIGN NAME	TPK-8					
QUANTITY	1					
WIDTH	2'-6"					
HEIGHT	3'-0"					
BORDER WIDTH	0.75"			INSET: 0.5"		
BORDER RADII	1.875"					
PANEL COLOR	White					
LEGEND	Black					
BORDER	Black					
SYMBOL(S)	ANGLE	X	Y	WID	HT	
ARLONG	0	8.7	5.5	12.6	5.5	
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE			AVERAGE LENGTH	



1. TO BE LOCATED AT MAINTENANCE PULL-OFF AREAS
2. SEE CURRENT GTR FOR MOUNTING CRITERIA

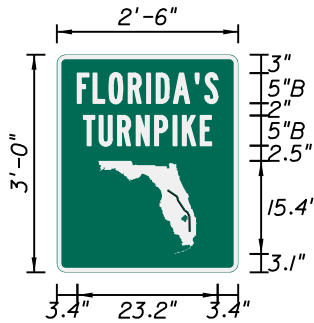
[illegible]

SIGN NAME					
QUANTITY					
WIDTH					
HEIGHT					
BORDER WIDTH					
BORDER RADII		INSET: 0.38"			
PANEL COLOR					
LEGEND					
BORDER					
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE			AVERAGE LENGTH

[illegible]

DATE	REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	TOLL PLAZA SIGNING DETAILS PLAZA AREA SIGN PANELS	SHEET NO. 107-7
	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			

SIGN NAME		TPK-SHIELDI			
QUANTITY		1			
WIDTH		2'-6"			
HEIGHT		3'-0"			
BORDER WIDTH		0.75"			
BORDER RADII		1.5"			
PANEL COLOR		Green			
LEGEND		White			
BORDER		White			
SYMBOL(S)	ANGLE	X	Y	WID	HT
FLSM	0	6.9	3.1	16.2	15.4
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE STEEL		AVERAGE LENGTH	



TO BE USED FOR TRAILBLAZING AND ON CROSS ROADS

[illegible]

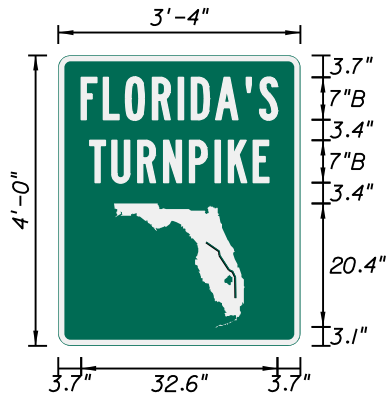
SIGN NAME		TPK-SHIELD3				
QUANTITY		1				
WIDTH		4'-2"				
HEIGHT		5'-0"				
BORDER WIDTH		1.25"				
BORDER RADII		2.5"				
PANEL COLOR		Green				
LEGEND		White				
BORDER		White				
SYMBOL(S)		ANGLE	X	Y	WID	HT
FL_LG		0	11.5	5	27	25.6
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE STEEL			AVERAGE LENGTH	



SPECIAL APPLICATIONS

[illegible]

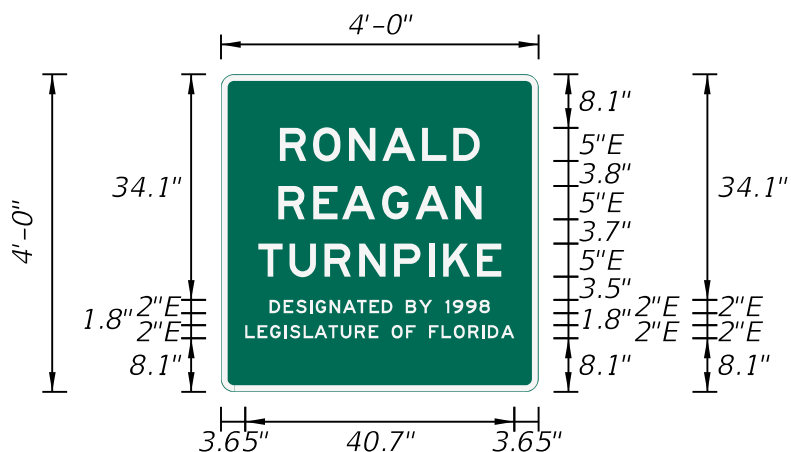
SIGN NAME		TPK-SHIELD2			
QUANTITY		1			
WIDTH		3'-4"			
HEIGHT		4'-0"			
BORDER WIDTH		1"			
BORDER RADII		2"			
PANEL COLOR		Green			
LEGEND		White			
BORDER		White			
SYMBOL(S)	ANGLE	X	Y	WID	HT
FL_MD	0	9.2	3.1	21.6	20.4
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE		AVERAGE LENGTH	



TO BE USED ON GUIDE SIGN PANELS AND POST INTERCHANGE SIGNING

[illegible]

SIGN NAME		RONALD 3			
QUANTITY		1			
WIDTH		4'-0"			
HEIGHT		4'-0"			
BORDER WIDTH		1"			
BORDER RADII		4"			
PANEL COLOR		Green			
LEGEND		White			
BORDER		White			
SIGN(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE			AVERAGE LENGTH

[illegible]

DATES	REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	SPECIAL SIGN DETAILS	SHEET NO. 108-1
	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			

[illegible]

NOTES:

BEACHLINE EXPRESSWAY, SR 528
FIRST COAST EXPRESSWAY, SR 23
POLK PARKWAY, SR 570
SAWGRASS EXPRESSWAY, SR 869
SEMINOLE EXPRESSWAY, SR 417
SUNCOAST PARKWAY, SR 589
VETERANS EXPRESSWAY, SR 589
WESTERN BELTWAY, SR 429
WEKIVA PARKWAY, SR 429

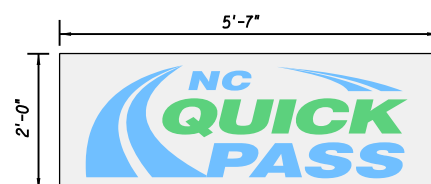
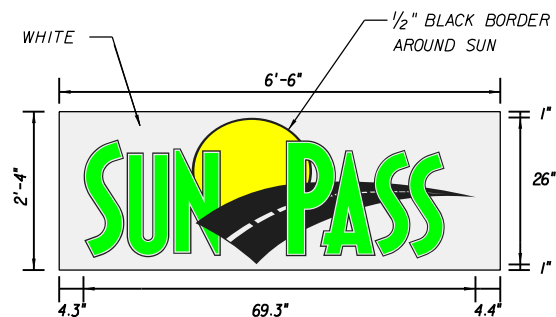
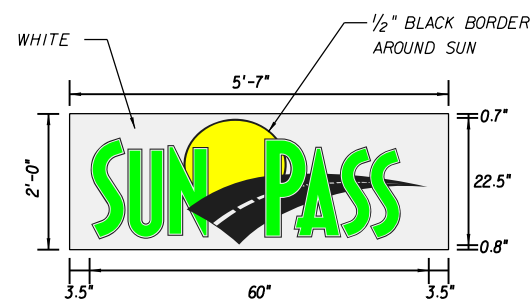
JUNCTION ASSEMBLIES

TRAILBLAZER
ASSEMBLIES

AET-08

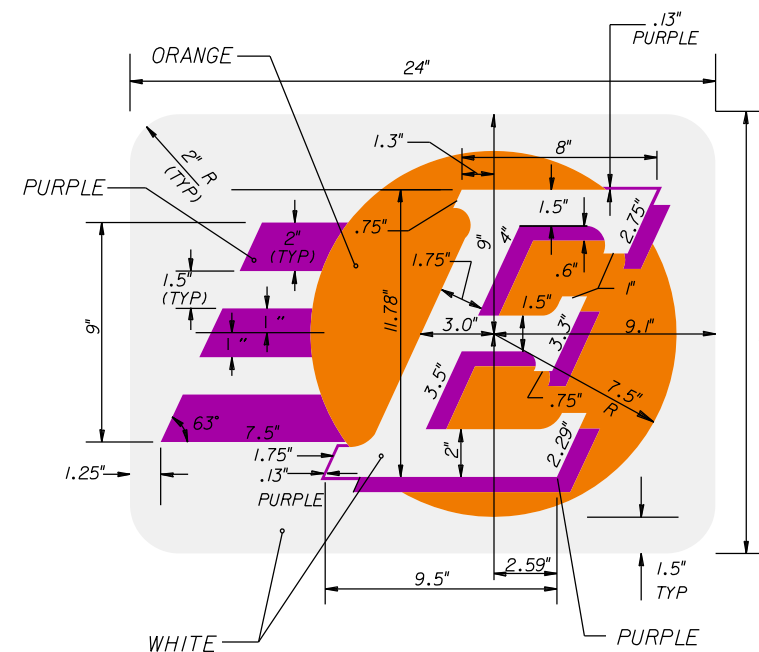
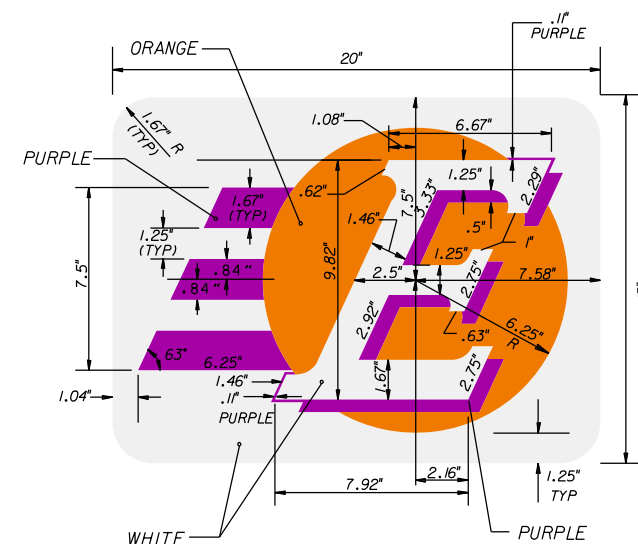
AET-09

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	SPECIAL SIGN DETAILS	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			108-2



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

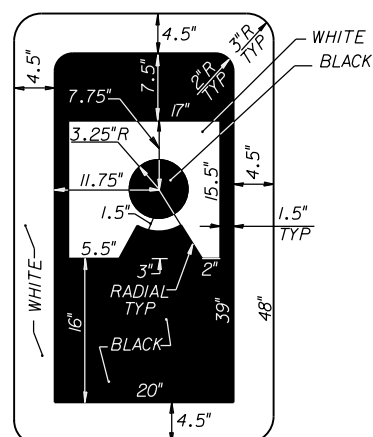


GENERAL NOTES FOR EPASS SHIELD:

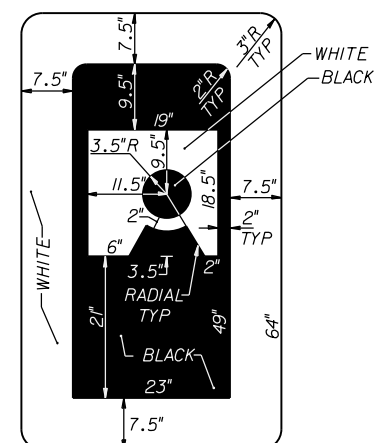
1. EPASS LOGO COLORS:

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.



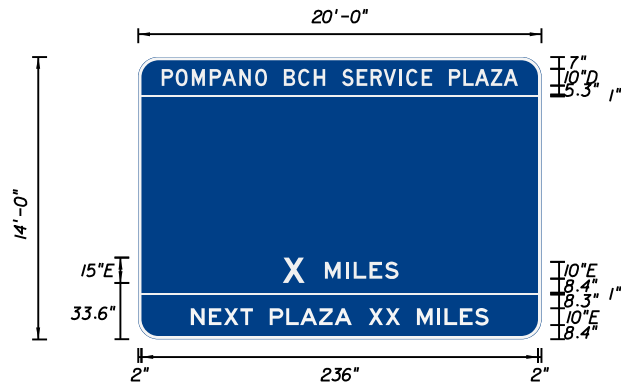
TOLL ATTENDANT SHIELD
FOR CANOPY MOUNTED SIGNS
29" X 48"



TOLL ATTENDANT SHIELD
FOR APPROACH SIGNS
38" X 64"

DATE\$	REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SPECIAL SIGN DETAILS	SHEET NO.
	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					ROAD NO.

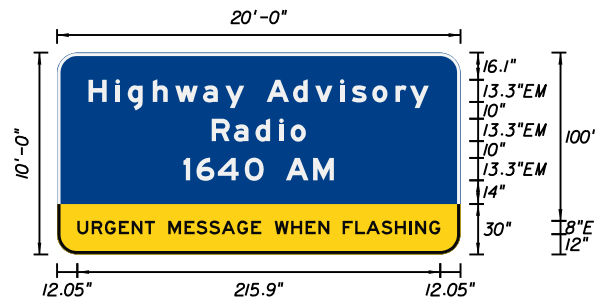
SIGN NAME		TPK-SERVI		QTY	I	SIGN NO.		STATION(S)	
PANEL			BORDER						
WIDTH		20'-0"		WIDTH		2"			
HEIGHT		14'-0"		RADII		12"			
LEGEND		White		COLOR		White			
COLOR		Blue							
SYMBOL(S)			ANGLE		X		Y		WID HT
SIGN NO.		NO. OF POSTS		EDGE OF LANE CLEARANCE		COLUMN SIZE			AVERAGE LENGTH
NO. OF LIGHT FIXTURES			FIXTURE SPACING			WATT			
PHOTOMETRIC CURVE						VOLUME			



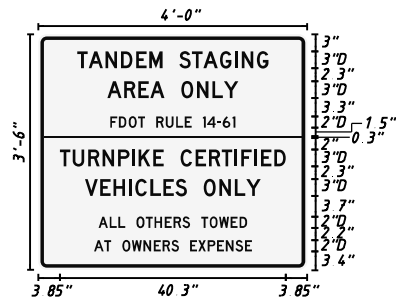
NOTE:
NEXT PLAZA MESSAGE TO BE INSTALLED ON THE CLOSEST SIGN TO PLAZA ONLY.

[illegible]

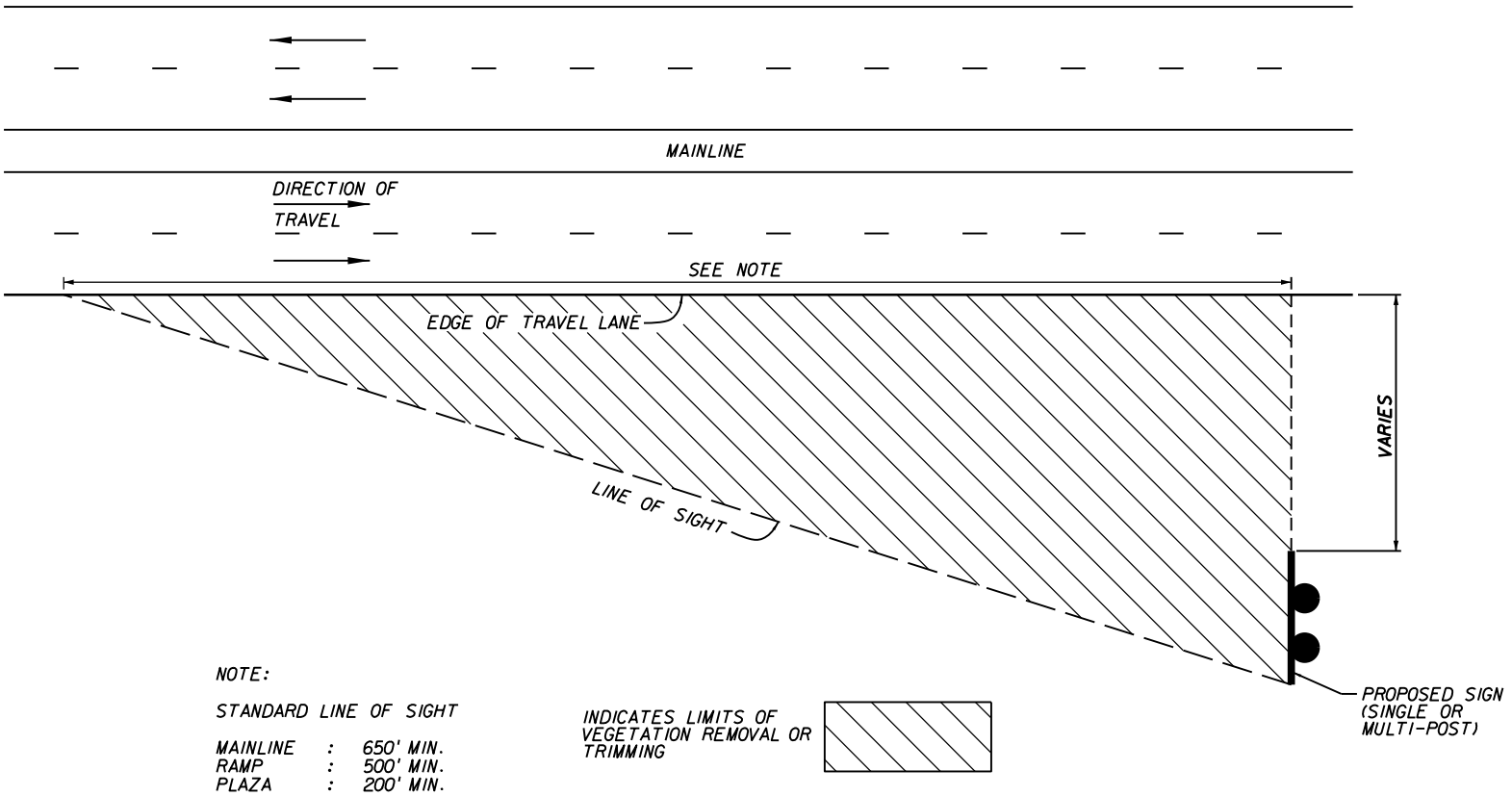
SIGN NAME		TPK-HAR		QTY	/	SIGN NO.		STATION(S)	
PANEL			BOARD						
WIDTH		20'-0"		WIDTH		2"			
HEIGHT		10'-0"		RADII		12"			
LEGEND		White		COLOR		White			
COLOR		Blue							
SYMBOL(S)		ANGLE		X		Y		WID	
SIGN NO.		NO. OF POSTS		EDGE OF LANE CLEARANCE		COLUMN SIZE		AVERAGE LENGTH	
NO. OF LIGHT FIXTURES				FIXTURE SPACING				WATT	
PHOTOMETRIC CURVE								VOLTAGE	

[illegible]

SIGN NAME		PK-TANDEM		QTY	1	SIGN NO.		STATION(S)		
PANEL			BORDER							
WIDTH		4'-0"		WIDTH		0.63"				
HEIGHT		3'-6"		RADII		1.13"				
LEGEND		Black		COLOR		Black				
COLOR		White								
SYMBOL(S)		ANGLE		X		Y		WID HT		
SIGN NO.		NO. OF POSTS		EDGE OF LANE CLEARANCE		COLUMN SIZE		AVERAGE LENGTH		
NO. OF LIGHT FIXTURES				FIXTURE SPACING				WATT		
PHOTOMETRIC CURVE							VOLTAGE			

[illegible]

REVISIONS					STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SPECIAL SIGN DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
									108-4



N.T.S.

R E V I S I O N S						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	MISCELLANEOUS DETAILS SIGN PLACEMENT		SHEET NO. 109-1
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				
						ROAD NO.	COUNTY	FINANCIAL PROJECT ID	

\$DATE\$