

10/15/2015

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 Field Engineer or CEI 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 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.
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. Use countersunk screws when using mechanical fasteners to attach sign panels to windbeams, brackets and splice plates for single and multi-post signs.
10. 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.
11. 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.
12. 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 Plans Engineer at (407) 264-3418. The logo shall not be fabricated by hand cut-out method.

Overlays

13. 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.
14. 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. Use 3M Controltac Plus Changeable Graphic Film or equivalent.
15. 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.
16. 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.
17. 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

18. Align the far edge of the sign panel, furthest from the upright, flush with the end of the horizontal chord of the cantilever structure.

Sign Panel Replacement

19. 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 Luminares

20. Energize sign luminaires within 24 hours of overhead lighted sign installation.

21. "Night Aim" the sign luminaires to ensure proper illumination of the sign surface. The luminaires must be at an angle sufficient to prevent them from shining into the faces of drivers who are traveling in the opposite direction.
22. Ensure sign luminaires 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 luminaires 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.
23. 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.

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

Logo Signs

25. 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 service signs, coordinate with Florida Logos, Inc. by telephone at 1-888-608-0833.
26. 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

27. 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.
28. Work that includes extending or refurbishing of existing striping damaged during construction is included in the unit price of the pavement marking.
29. Pavement markings may be adjusted slightly as directed by the Engineer.
30. Lay out permanent final striping that leaves no visible marks at time of final acceptance.
31. Place a green RPM 4" outside of ground in rumble strip at each mile marker.
32. 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.

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					
										101-1
						ROAD NO.	COUNTY	FINANCIAL PROJECT ID		

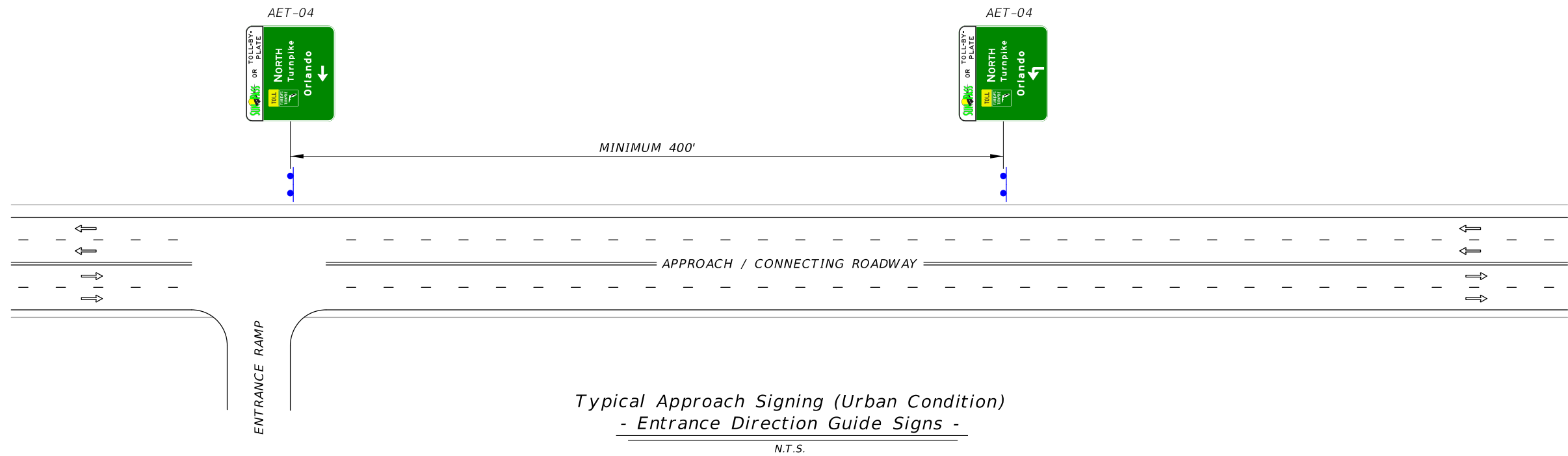
Notes to Designers (not to be included in plan set general notes sheet)

1. *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.*
2. *Sign Luminaires notes 21-25 shall apply only when external lighting of overhead signs is required per the PPM.*
3. *If a panel is being replaced on an existing structure that has other panels with luminaires, either replace all panels and remove luminaires or maintain the luminaires with the new panel, so that all panels are consistent on the structure. When the lighting is removed, it should be removed to the pull box and any ancillary equipment, including but not limited to conduit, arms and brackets, should be removed as well.*

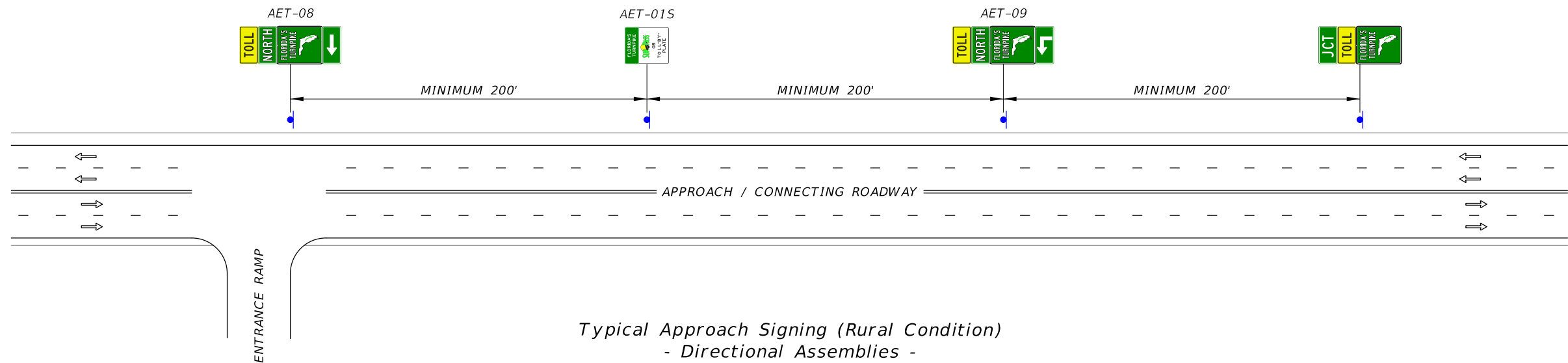
Notes to Designers for Express Lanes:

1. Toll Rate 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).
2. The signing sequence shall contain the following: three (3) Advance Guide Signs, two (2) Toll Rate Signs, one (1) Vehicle Eligibility Sign and one (1) three-line Full Color, Full Matrix DMS. If space permits, include a 2-mile advance guide sign in the signing sequence.
3. Toll Rate embedded front access DMS shall be full color, 20mm pixel pitch, be able to display seven (7) to nine (9) characters, and have 18" character height. Embedded DMS shall be mounted per sign manufacturer requirements.
4. 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.
5. 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.
6. Any ramp toll rate signs (direct connect or park-and-ride) may be mounted on multi-posts.
7. For direct connect access into the express lanes, the sequence can be adjusted to have one (1) toll rate sign, with a one-line DMS. The one-line DMS will serve as a backup for the provided toll rate. This DMS shall have separate power and separate communication.
8. The "Additional Toll" message shown on the Toll Rate Signs only applies to toll facilities where there is a General Toll Lane next to the Express Lanes.
9. For more than one (1) Express Lane, guide signs shall read EXPRESS LANES.

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	SHEET NO.  101-2
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			



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



Typical Approach Signing (Rural Condition)  
- Directional Assemblies -  
N.T.S.

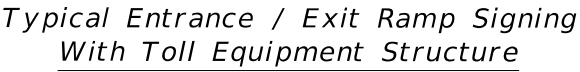
- NOTES:
- 1. MINIMUM SPACING DISTANCES FOR SIGNS TO CONFORM TO THE TRAFFIC ENGINEERING MANUAL, AND F.A.C. RULE CHAPTER 14-51, TABLE 1.
  - 2. LEGENDS/MESSAGES SHOWN ON SIGNS AET-04 ARE PROVIDED AS AN EXAMPLE ONLY. ACTUAL DESIGNS SHALL BE SHOWN IN THE PLANS.

REVISIONS					
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.
	102-1

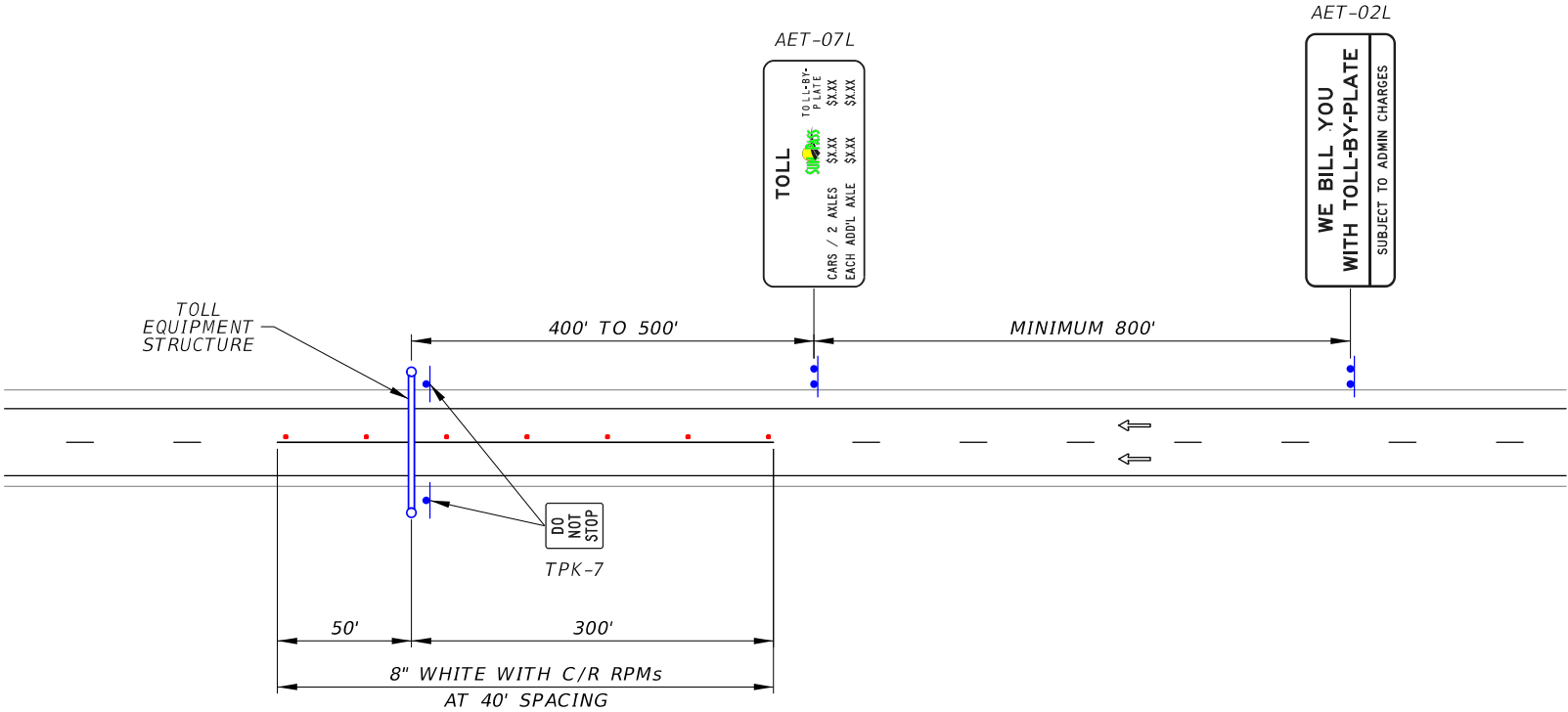


NOTES:

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.

10/15/2015

10/15/2015



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-07S AND AET-02S SIGNS MAY BE BEFORE OR AFTER THE GANTRY, IF FIELD CONSTRAINTS WARRANT IT.

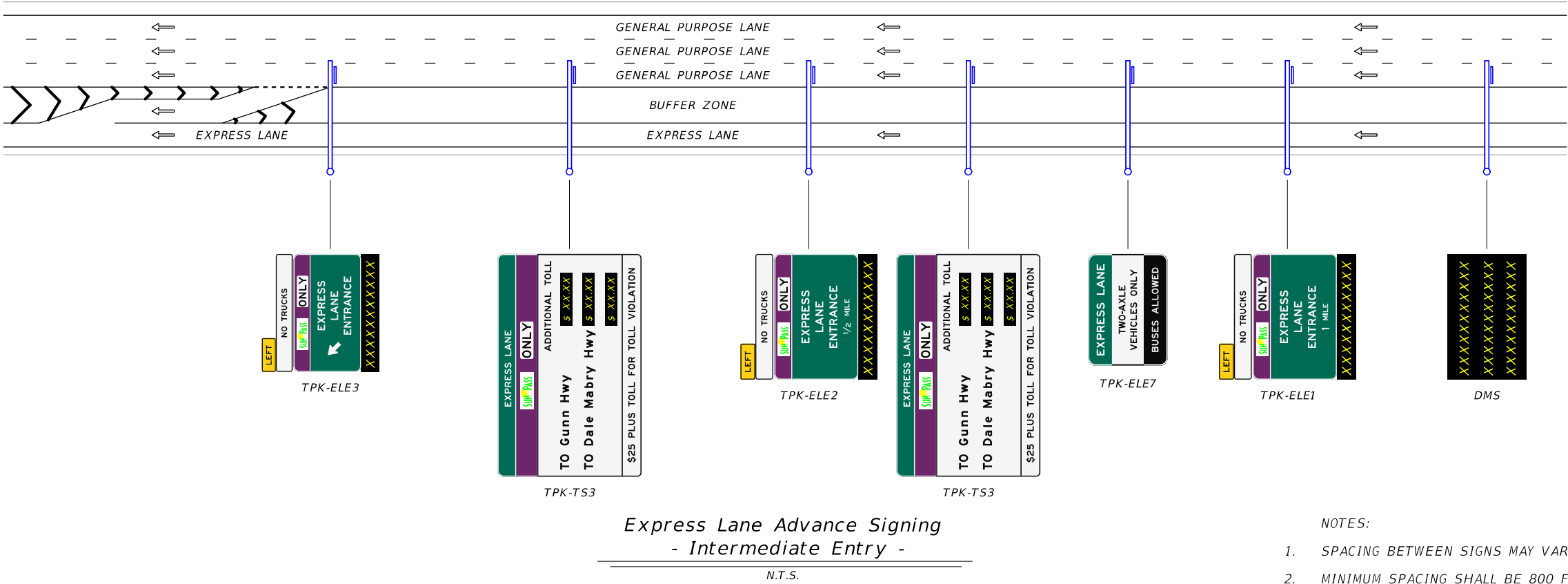
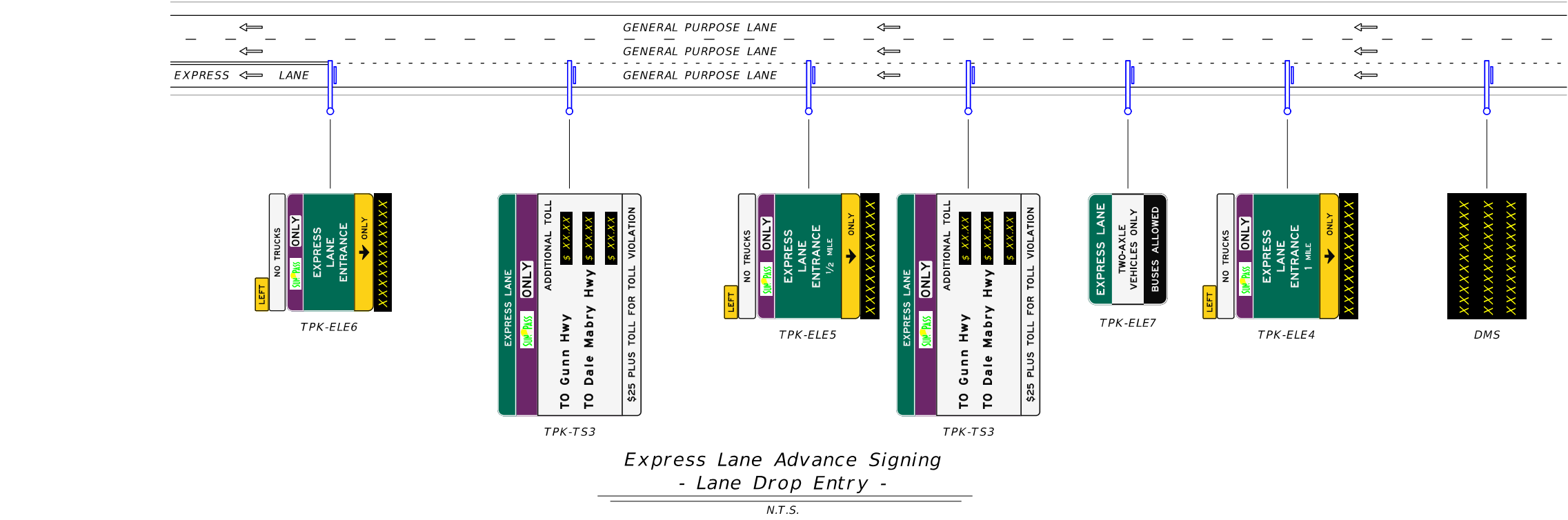
REVISIONS							STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ALL ELECTRONIC TOLLING MAINLINE TOLL TYPICAL SIGNING LAYOUT	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		102-3





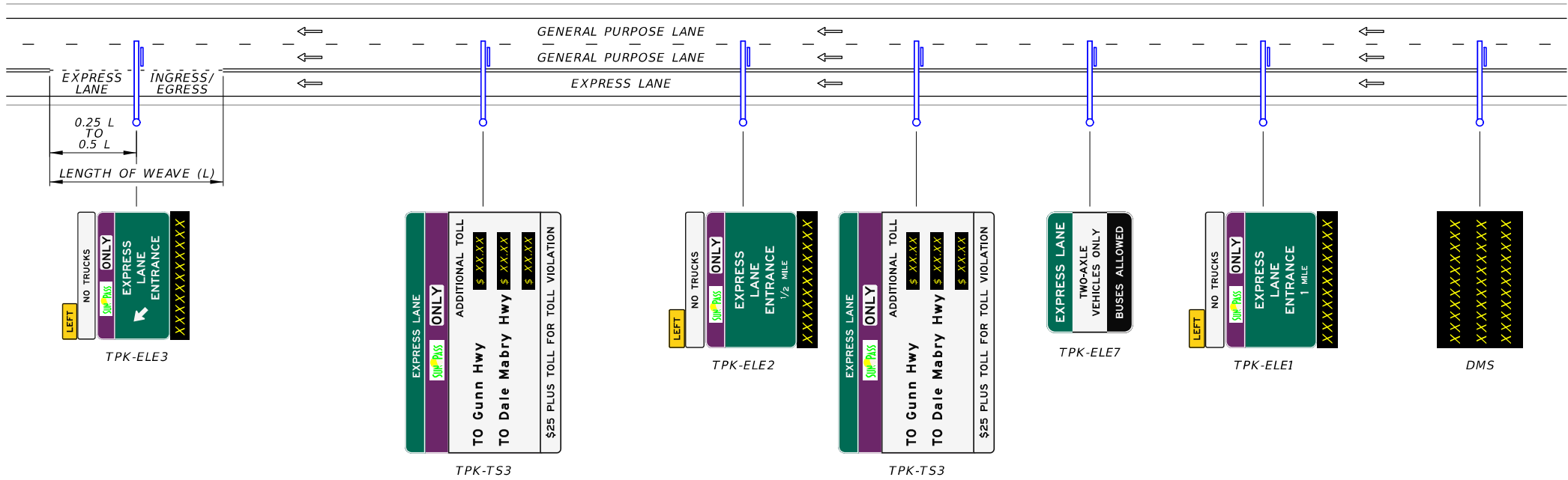






- NOTES:
1. SPACING BETWEEN SIGNS MAY VARY.
  2. MINIMUM SPACING SHALL BE 800 FEET.
  3. SEE SHEET 106-1 AND 106-2 FOR INGRESS/EGRESS DETAIL.
  4. SEE SHEET 107-1 FOR BUFFER ZONE DETAIL.

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			EXPRESS LANE ADVANCE SIGNING LAYOUT	SHEET NO.  104-I
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					
						ROAD NO.	COUNTY	FINANCIAL PROJECT ID		



Express Lane Advance Signing  
- Intermediate Ingress / Egress -  
N.T.S.

- NOTES:
- SPACING BETWEEN SIGNS MAY VARY.
  - MINIMUM SPACING SHALL BE 800 FEET.
  - SEE SHEET 106-1 AND 106-2 FOR INGRESS/EGRESS DETAIL.
  - SEE SHEET 107-1 FOR BUFFER ZONE DETAIL.

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





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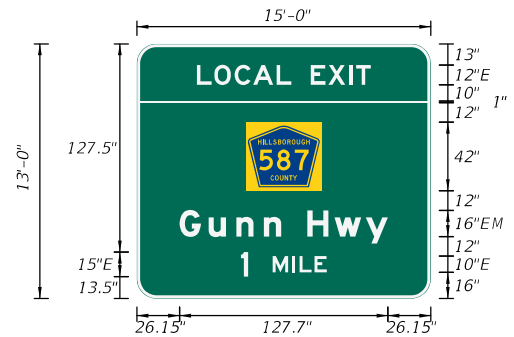
NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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[illegible]

SIGN NAME	TPK-LES3	QTY	1	SIGN NUMBER	STATIONS
PANEL		BORDER		none	
WIDTH	17'-6"	WIDTH	2"		
HEIGHT	12'-0"	RADII	12"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)		ANGLE	X	Y	WT
FTP-18-06		0	60.1	48	46.2
AR_Type A		315	163.1	41.2	22.2
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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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]

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			EXPRESS LANE SIGN PANELS		SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						
											ROAD NO.



[illegible]

- Notes:
- ① Per FDOT PPM, Table 2.8.1a, Maximum Deflections Without Horizontal Curves, 0° 45' or 76.39:1. (Use 80:1).

② 15:1 Taper Is To Be Used To Achieve 180' Or 210' Taper Lengths.

③ Taper Length Based On L=WS. 70:1 Taper As Shown Assumes 70 MPH Design Speed.

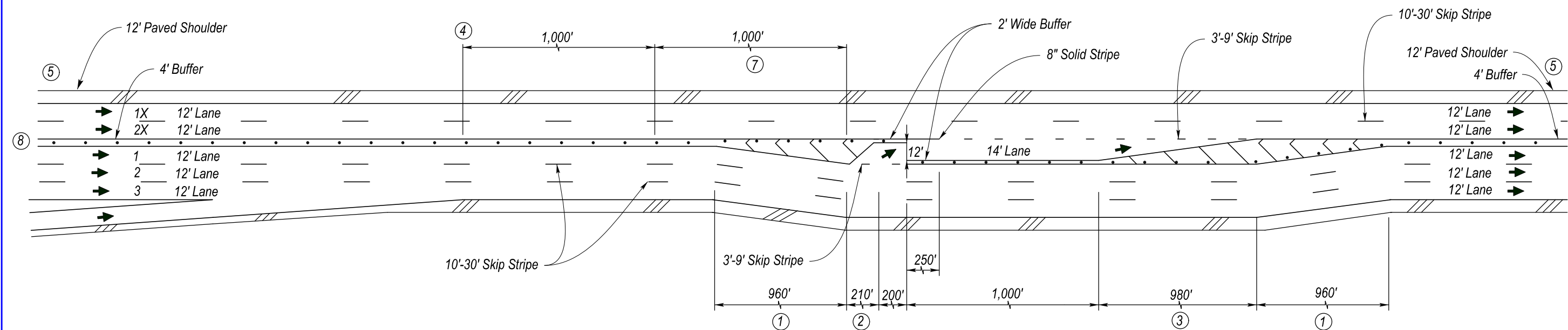
④ This Applies To 1 Lane Parallel And Tapered Ramps. For 2 Lane Ramps And Auxiliary Lanes Establish This Point 1,500' After/Before Ramp Gore.

⑤ Provide Paved Shoulder Width In Accordance With FTE TPPPH.

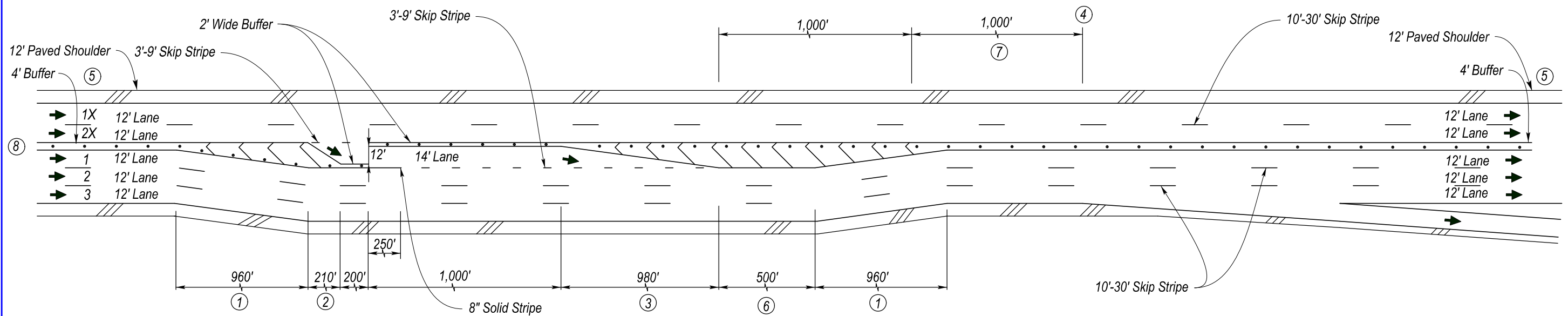
⑥ Tangent Length Between Lane Deflection.

⑦ Provide 1000' For Each Lane Change.

⑧ See Sheet 107-1 For Buffer Zone Detail.



Slip Ramp - Typical Ingress Only



Slip Ramp - Typical Egress Only

NOT TO SCALE

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

- Notes:
- ① Per FDOT PPM, Table 2.8.1a, Maximum Deflections Without Horizontal Curves, 0° 45' or 76.39:1. (Use 80:1).

② 15:1 Taper Is To Be Used To Achieve 180' Or 210' Taper Lengths.

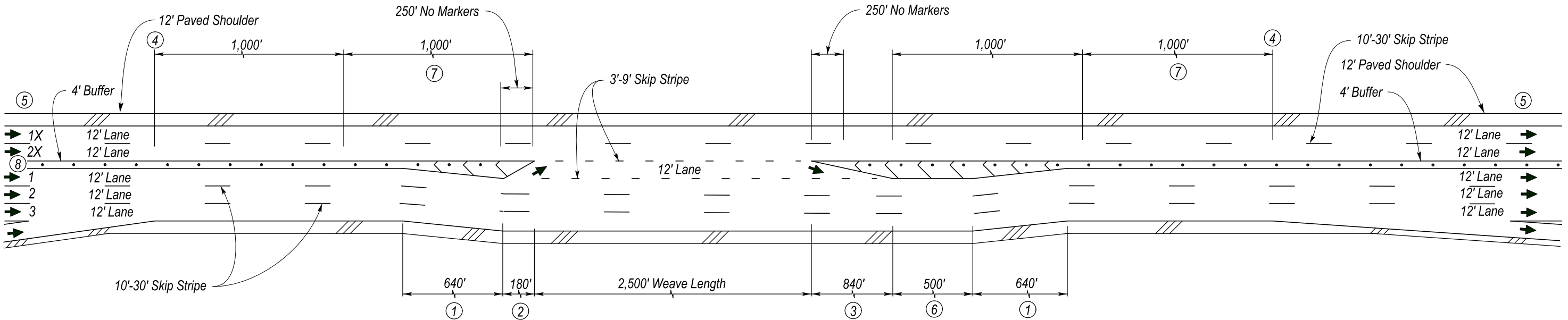
③ Taper Length Based On L=WS. 70:1 Taper As Shown Assumes 70 MPH Design Speed.

④ This Applies To 1 Lane Parallel And Tapered Ramps. For 2 Lane Ramps And Auxiliary Lanes Establish This Point 1,500' After/Before Ramp Gore.
- ⑤ Provide Paved Shoulder Width In Accordance With FTE TPPPH.

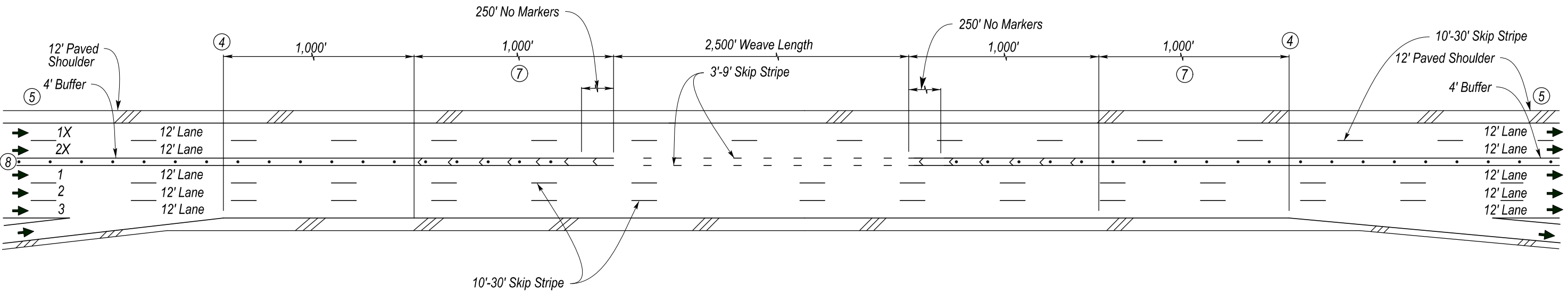
⑥ Tangent Length Between Lane Deflection.

⑦ Provide 1000' For Each Lane Change.

⑧ See Sheet 107-1 For Buffer Zone Detail.



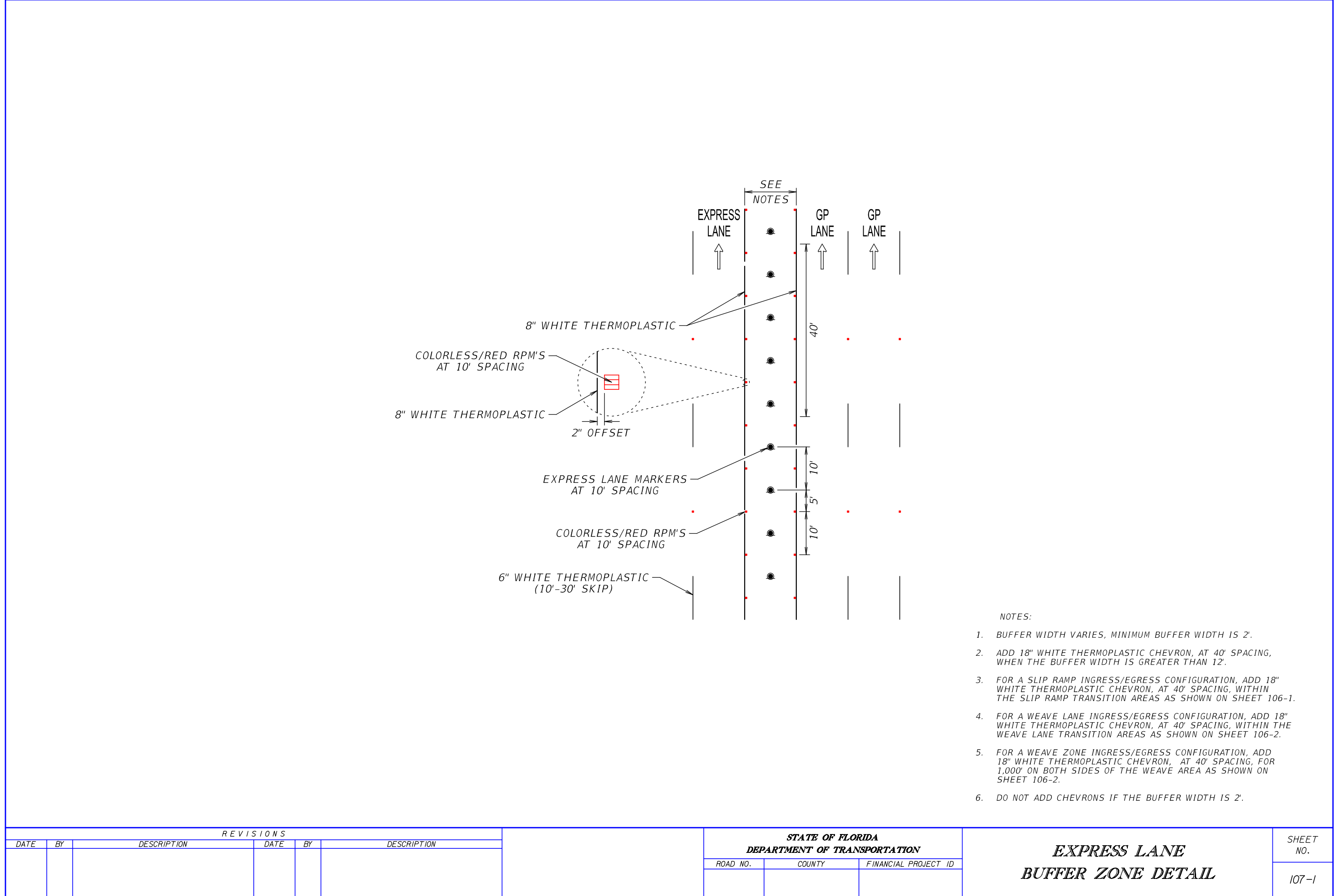
Weave Lane - Typical Combined Ingress/Egress

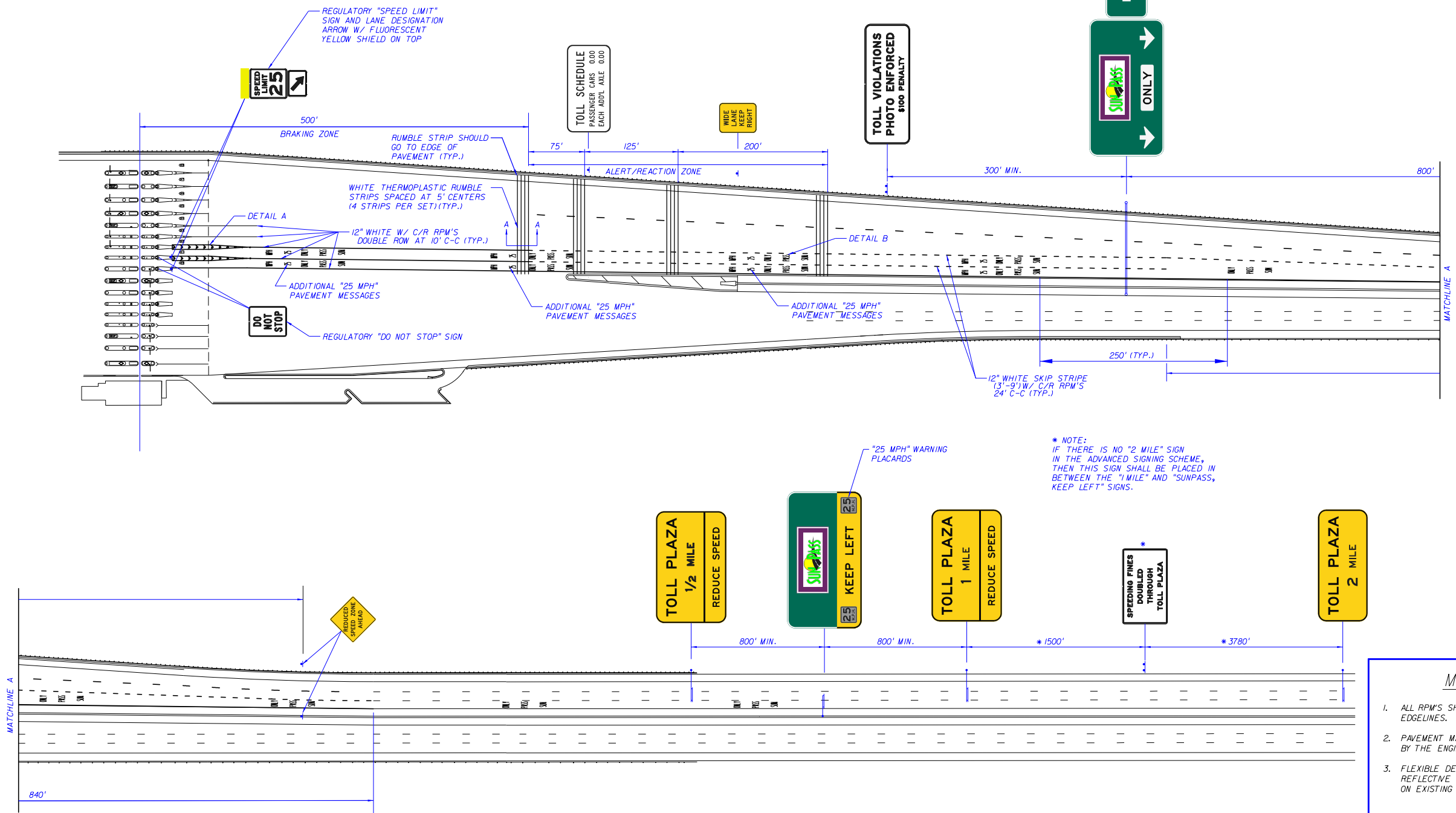
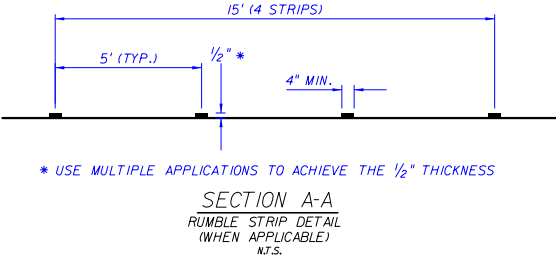
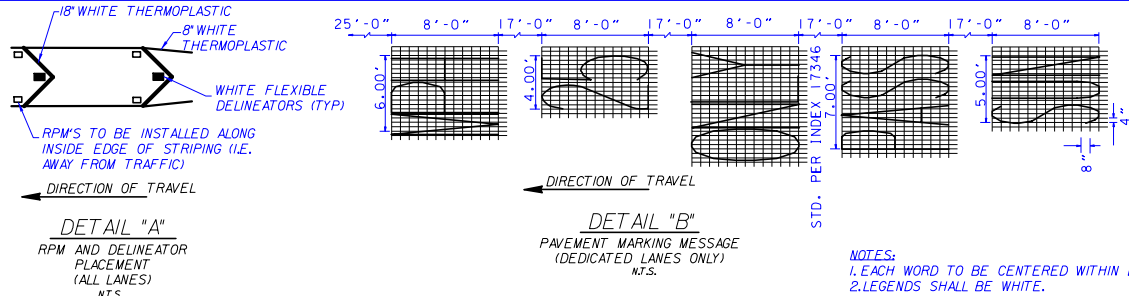


Weave Zone - Typical Combined Ingress/Egress

NOT TO SCALE

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





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

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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

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

SHEET NO.  
108-1

9/23/2015





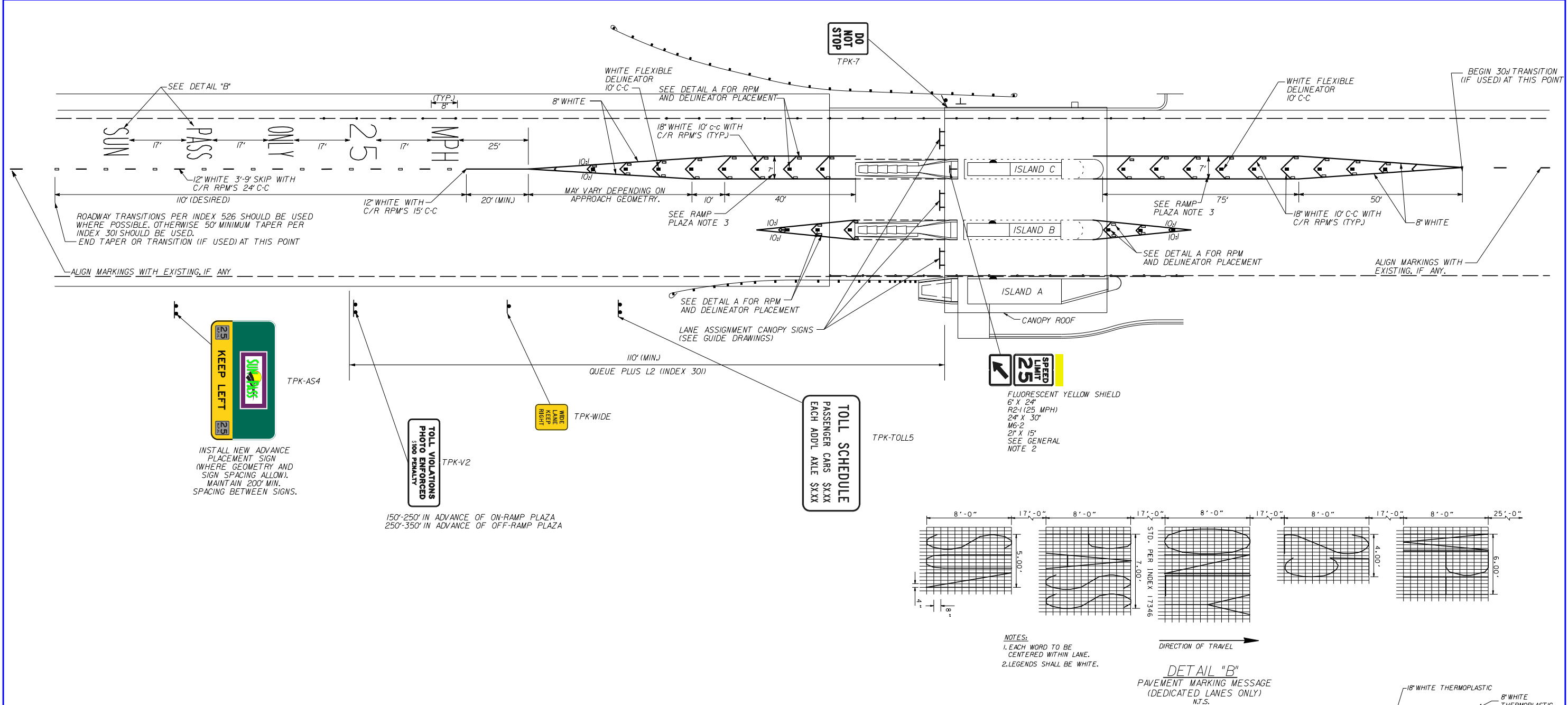
SIGN NAME		TPK-TOLLI		QTY	1	SIGN NUMBER	STATION(S)	
PANEL			BORDER					
WIDTH	13'-6"		WIDTH	2"				
HEIGHT	8'-6"		RADII	12"				
LEGEND	Black		COLOR	Black				
COLOR	Yellow							
SYMBOL(S)		ANGLE	X	Y	WID	HT		
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane		COLUMN SIZE		AVERAGE LENGTH		

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

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		108-4

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R E V I S I O N S					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		108-5



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. SUNPASS SIGNS CAN BE DOWNLOADED FROM:  
<http://www.floridasturnpike.com/design/prod design/traffic/traffloguidedrawings.html>
- 4. PAVEMENT MARKINGS MAY BE ADJUSTED SLIGHTLY AS DIRECTED BY THE ENGINEER.
- 5. 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.
- 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. RIGHT SIDE DEDICATED LANE SHALL BE MIRROR-IMAGE OF THIS EXHIBIT.
- 2. TOLL COLLECTOR SIGNS SHALL BE INSTALLED ON ISLANDS BORDERING DEDICATED USE SUNPASS LANES ONLY.
- 3. 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.
- 4. 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.

N.T.S.

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			RAMP TOLL PLAZA TYPICAL SUNPASS SIGNING AND PAVEMENT MARKINGS	SHEET NO.  108-6
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					
						ROAD NO.	COUNTY	FINANCIAL PROJECT ID		

SIGN NAME	TPK-AS4	QTY	I	SIGN NUMBER	STATION(S)
PANEL	BORDER				
WIDTH	12'-6"	WIDTH	2"		
HEIGHT	9'-0"	RADII	12"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
OtherETC	0	122.8	73	20	15
SunPassSmall	0	41.5	59	67	24
OtherETC	0	122.8	54	20	15
LogoPanelSmall	0	32.5	50	85	42
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE		AVERAGE LENGTH

NOTE:  
1. ALTERNATE MESSAGES ALSO SHOWN ON LINE 3,4, AND 5 BELOW.

12'-6"

9'-0"

16"

42"

14"

36"

20"

15"

4"

15"

25"

24"

29"

12"E

13"

59"

32.5"

110.3"

7.3"

ADDITIONAL 24"x18" LOGO OR SYMBOL AS NEEDED. SEE SHEET 113-3.

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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COPY		K	E	E	P		L	E	F	T		L								
SPACE	26.1	11.9	11.4	11.4	9.7	12	11	11.4	10	9	26.1	97.8								
COPY																				
SPACE																				
COPY		K	E	E	P		R	I	G	H	T		L							
SPACE	21.7	11.9	11.4	11.4	9.7	12	12.1	4.9	12.5	11.8	9	21.7	106.7							
COPY		C	E	N	T	E	R		L	A	N	E		L						
SPACE	12.1	12.5	11.4	11.8	11	11.4	9.7	12	10	14.3	12.8	9	12.1	125.9						
COPY		A	H	E	A	D		L												
SPACE	44.3	14.3	12.8	10.3	14.3	9.7	44.3	61.4												
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																				
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COPY																				
SPACE																				
COPY																				
SPACE																				
COPY																				
SPACE																				

SIGN NAME	TPK-TOLL8	QTY	I	SIGN NUMBER	STATION(S)
PANEL	BORDER				none
WIDTH	13'-6"	WIDTH	2"		
HEIGHT	8'-0"	RADII	12"		
LEGEND	Black	COLOR	Black		
COLOR	Yellow				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE		AVERAGE LENGTH

13'-6"

8'-0"

10.8"

15"E

15.5"

12"E

11.8"

10.7" 2"

10.5"

8.2"

9.65"

142.7"

9.65"

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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COPY		T	O	L	L		P	L	A	Z	A		L							
SPACE	9.7	13.3	16.1	13.8	11.3	15	14.7	12.4	17	13.8	15.3	9.7	142.7							
COPY		A	H	E	A	D		L												
SPACE	50.2	14.5	12.6	10.5	14.5	9.6	50.1	61.6												
COPY		R	E	D	U	C	E		S	P	E	E	D		L					
SPACE	23.4	10.1	9.5	10.4	10.4	10.4	7.5	10	10.1	9.8	9.5	9.5	8.1	23.3	115.3					
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																				

9/23/2015

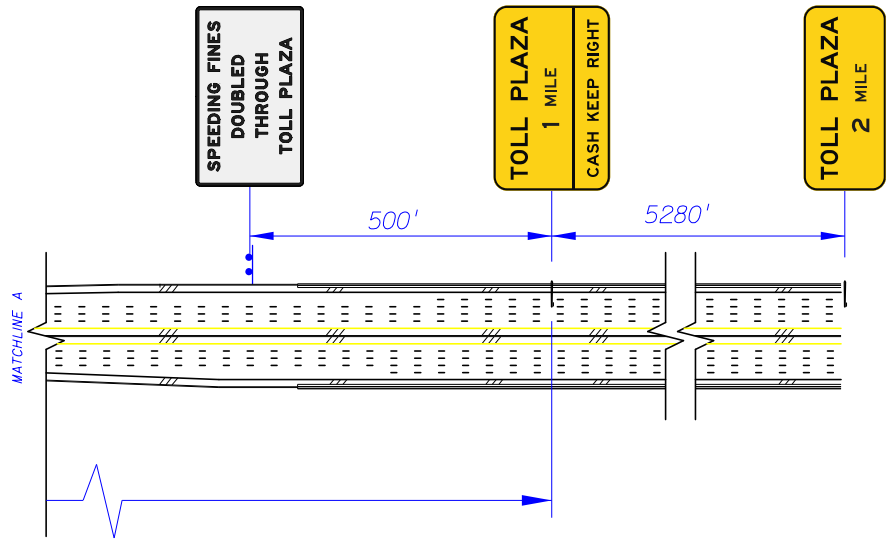
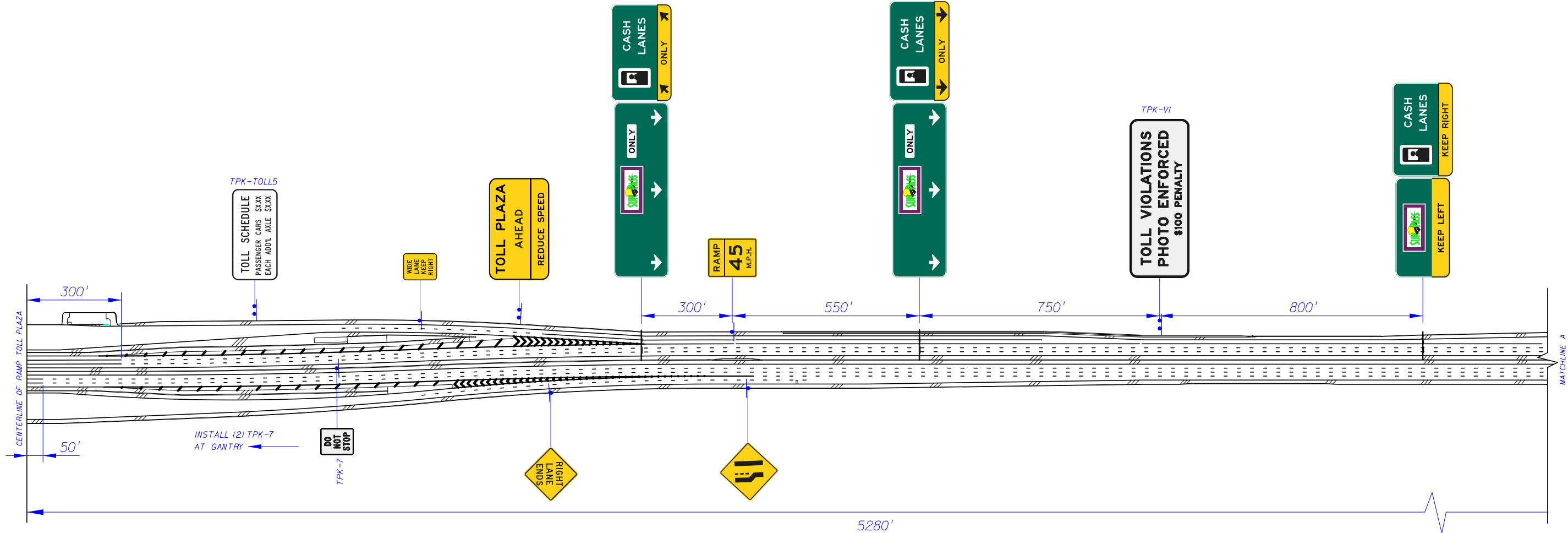
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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

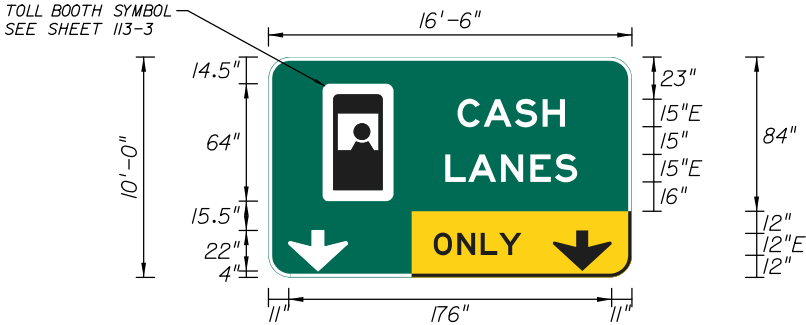
ORT MAINLINE TOLL PLAZA SIGNING LAYOUT	SHEET NO.
	109-I

N.T.S.





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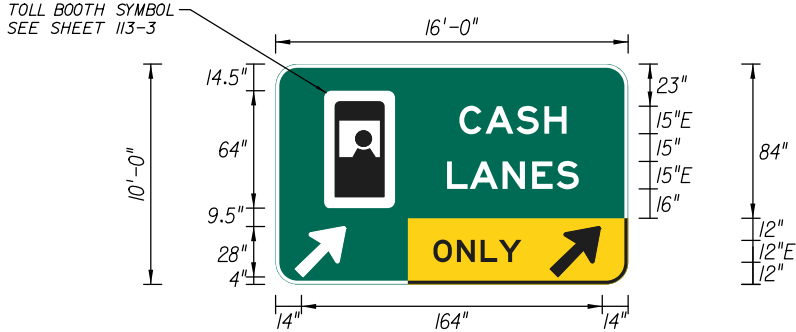
COPY		C	A	S	H		L												
SPACE	103	14.2	16.9	15.1	12.1	36.7	58.3												
COPY		L	A	N	E	S		L											
SPACE	96.2	12.4	17.9	16	13.3	12.2	30	71.8											
COPY		O	N	L	Y		L												
SPACE	90	12.8	12.8	10	12.2	60.2	47.8												
COPY																			
SPACE																			
COPY					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

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
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COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			

REVISIONS

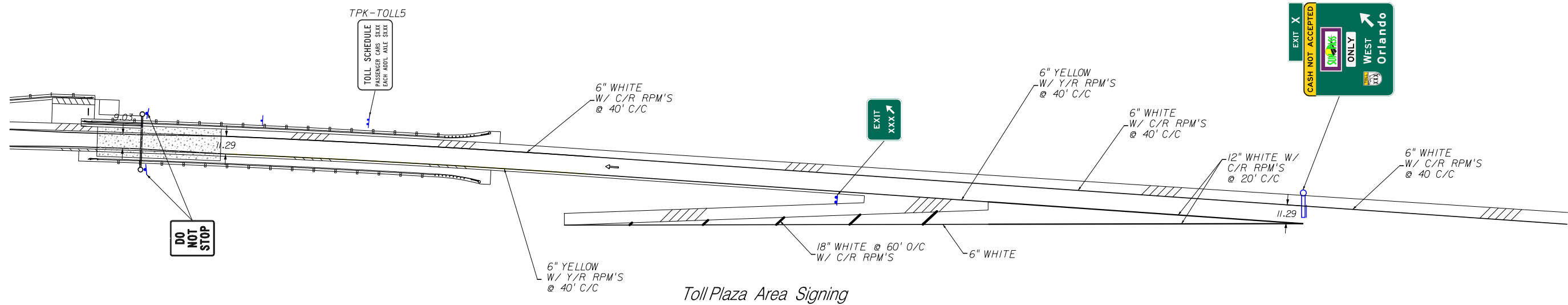
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

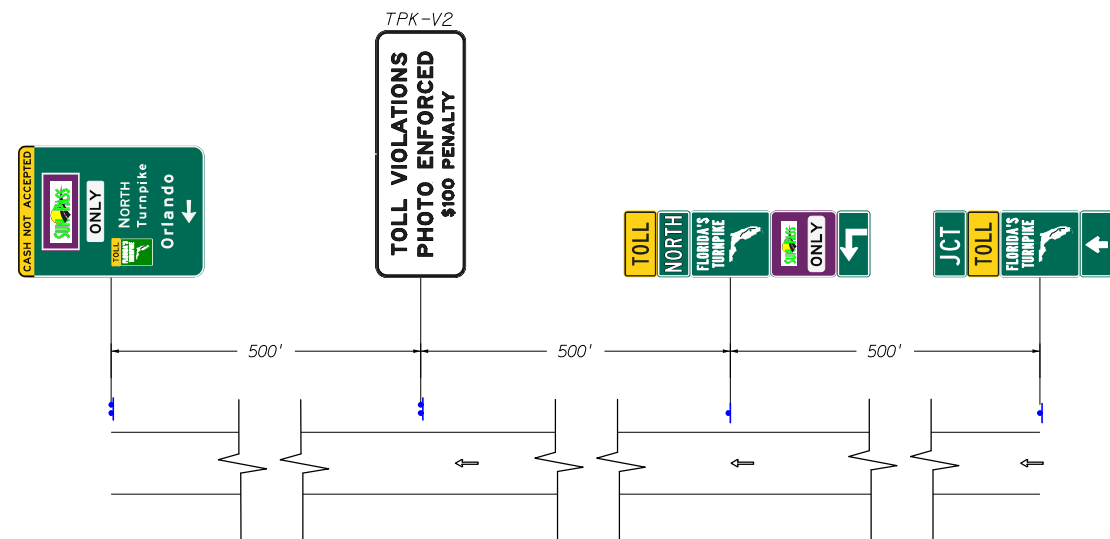
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

ORT SIGNING DETAILS  
MAINLINE  
SIGN PANELS

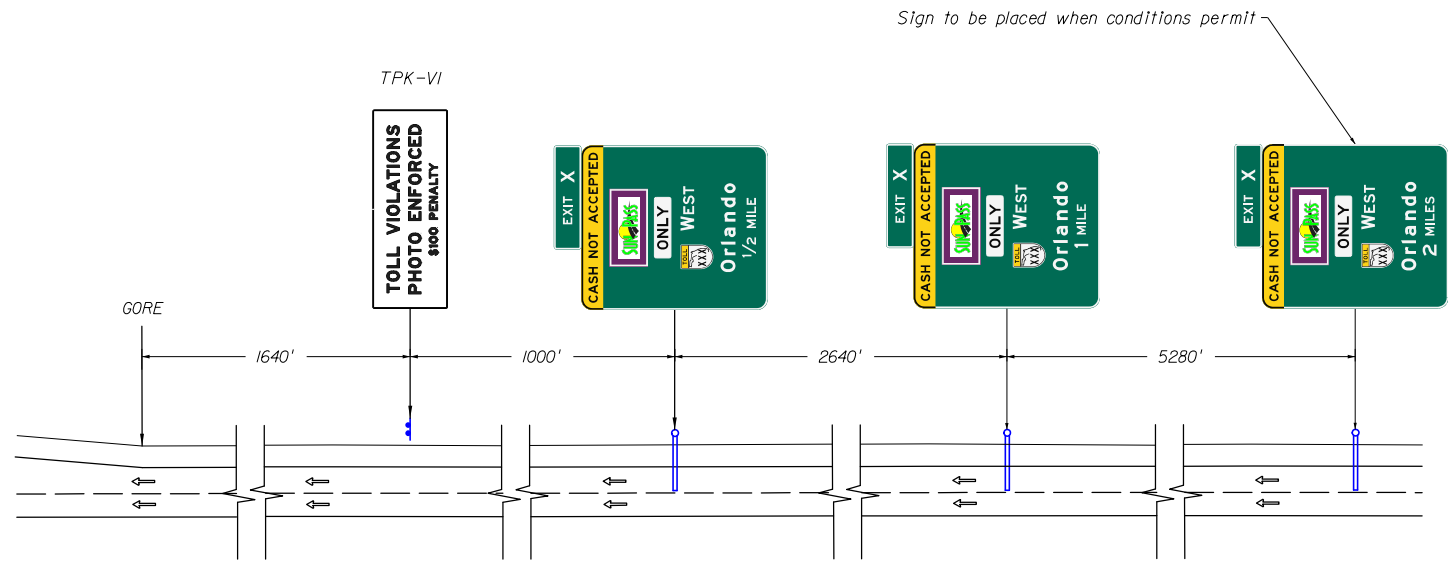
SHEET NO.  
109-3



Toll Plaza Area Signing



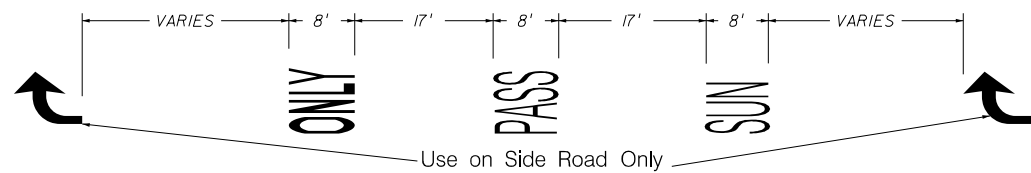
Side Road Advance Signing



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

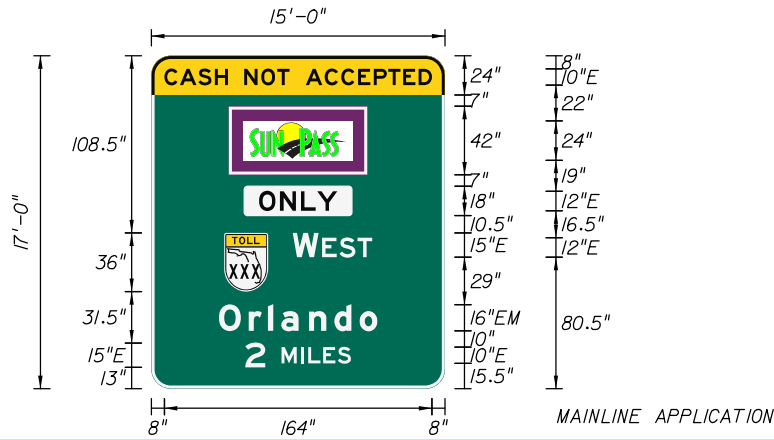


Typical SUNPASS ONLY Pavement Markings

N.T.S.

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ORT RAMP SIGNING & PAVEMENT MARKING LAYOUT	SHEET NO.  109-4
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					
						ROAD NO.	COUNTY	FINANCIAL PROJECT ID		

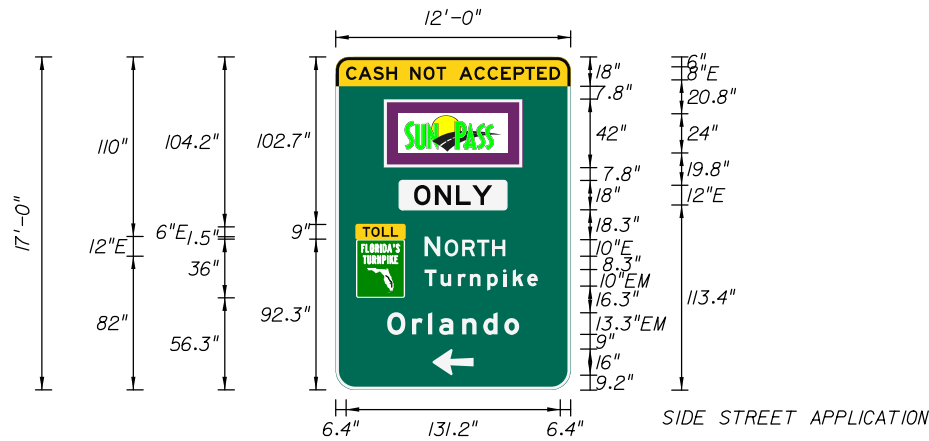
SIGN NAME	TPK-SPI	QTY	I	SIGN NUMBER	STATION(S)
PANEL	BORDER				
WIDTH	15'-0"	WIDTH	2"		
HEIGHT	17'-0"	RADII	12"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SunPassSmall	0	56.5	140	67	24
LogoPanelSmall	0	47.5	131	85	42
FTP-80-06	0	44.6	59.5	27	36
SIGN NUMBER	NUMBER OF POSTS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



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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COPY		C	A	S	H		N	O	T		A	C	C	E	P	T	E	D		L			
SPACE	8	9.5	11.3	10.1	8.1	10	10.4	9.8	7.5	10	11.6	10.1	10.4	9.5	8.9	9.2	9.5	8.1	8	164			
COPY		O	N	L	Y		L																
SPACE	66.1	12.8	12.8	10	12.2	66.1	47.9																
COPY		W		E	S	T		L															
SPACE	86.6	15.9	2.2	10.7	11	9	44.6	48.8															
COPY		O	r	I	a	n	d	o		L													
SPACE	41.4	18.2	11.8	8.2	17	15.5	15.5	10.9	41.4	97.1													
COPY		2		M	I	L	E	S		L													
SPACE	57.6	12.1	10	12	4.4	9.2	8.9	8.1	57.6	64.7													
COPY																							
SPACE																							

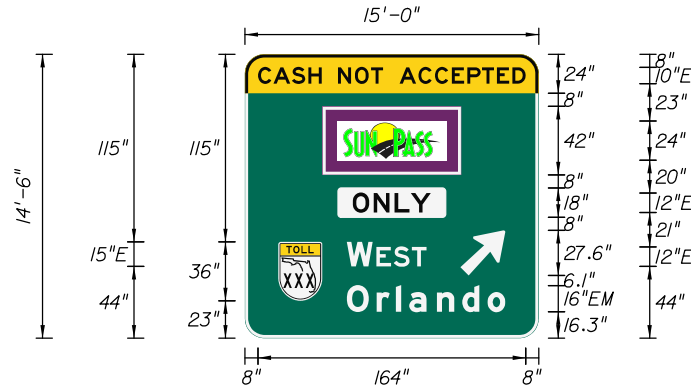
SIGN NAME	TPK-SIDE1	QTY	I	SIGN NUMBER	STATION(S)
PANEL	BORDER				
WIDTH	12'-0"	WIDTH	2"		
HEIGHT	17'-0"	RADII	10"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SunPassSmall	0	38.5	145.1	67	24
LogoPanelSmall	0	29.5	136.2	85	42
FTP-16-10	0	12.5	56.3	30	36
AR_Type A	90	59.4	9	16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



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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COPY		C	A	S	H		N	O	T		A	C	C	E	P	T	E	D		L			
SPACE	6.4	7.6	9	8.1	6.5	8	8.3	7.8	6	8	9.3	8.1	8.3	7.6	7.1	7.4	7.6	6.5	6.4	131.2			
COPY		O	N	L	Y		L																
SPACE	48.1	12.8	12.8	10	12.2	48.1	47.9																
COPY		T	O	L	L		L																
SPACE	16.6	5.3	6.4	5.5	4.5	105.6	21.8																
COPY		N		O	R	T	H		L														
SPACE	54.5	9.7	2.6	10.7	9.2	9.2	8.1	40	49.5														
COPY		T	u	r	n	p	I	k	e		L												
SPACE	54.5	9.8	10.6	7.4	10.6	9.7	6	8.8	6.6	20	69.5												
COPY		O	r	I	a	n	d	o		L													
SPACE	31.5	15.2	9.9	6.8	14.1	12.9	12.9	9.1	31.5	80.9													

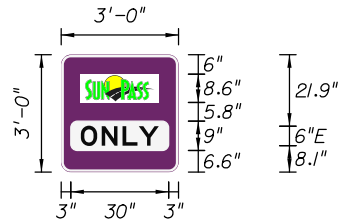
SIGN NAME	TPK-SPGORE	QTY	I	SIGN NUMBER	STATION(S)
PANEL	BORDER				
WIDTH	15'-0"	WIDTH	2"		
HEIGHT	14'-6"	RADII	12"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SunPassSmall	0	56.5	109	67	24
LogoPanelSmall	0	47.5	100	85	42
AR_Type A	315	132	38.4	22.2	35
FTP-80-06	0	20.4	23	27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



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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COPY		C	A	S	H		N	O	T		A	C	C	E	P	T	E	D		L			
SPACE	8	9.5	11.3	10.1	8.1	10	10.4	9.8	7.5	10	11.6	10.1	10.4	9.5	8.9	9.2	9.5	8.1	8	164			
COPY		O	N	L	Y		L																
SPACE	66.1	12.8	12.8	10	12.2	66.1	47.9																
COPY		W		E	S	T		L															
SPACE	62.4	15.9	2.2	10.7	11	9	68.8	48.8															
COPY		O	r	I	a	n	d	o		L													
SPACE	62.4	18.2	11.8	8.2	17	15.5	15.5	10.9	20.5	97.1													
COPY																							
SPACE																							
COPY																							
SPACE																							

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



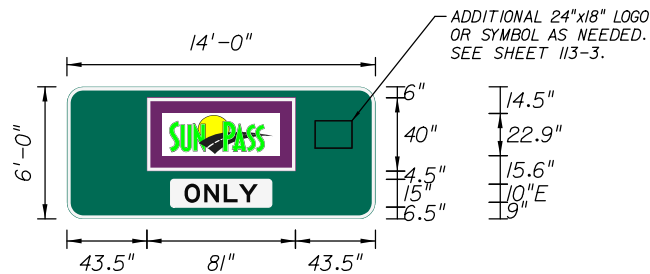
NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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COPY		O	N	L	Y		L																
SPACE	6	6.4	6.4	5	6.1	6	23.9																
COPY																							
SPACE																							
COPY																							
SPACE																							
COPY																							
SPACE																							
COPY																							
SPACE																							

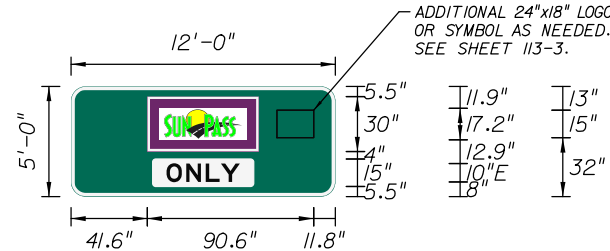
REVISIONS							STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUNPASS ONLY SIGNING DETAILS MAINLINE & SIDE ROAD SIGN PANELS			SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION								
							ROAD NO.	COUNTY	FINANCIAL PROJECT ID				109-5





[illegible]

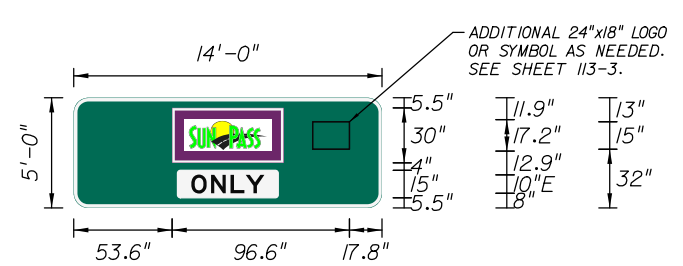
FOR SINGLE DEDICATED USE ONLY									
NO. OF LIGHT FIXTURES		FIXTURE SPACING		PHOTOMETRIC CURVE		WATT		VOLTAGE	

[illegible][illegible]

FOR SINGLE DEDICATED USE ONLY									
NO. OF LIGHT FIXTURES		FIXTURE SPACING		PHOTOMETRIC CURVE		WATT		VOLTAGE	

[illegible]

SIGN NAME		TPK-SI		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		
OtherETC		0	130.2	32	20	15		
SunPassSmall		0	60.1	30.9	47.8	17.2		
LogoPanelSmall		0	53.6	24.5	60.7	30		
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE			AVERAGE LENGTH		



FOR SINGLE DEDICATED USE ONLY							
NO. OF LIGHT FIXTURES		FIXTURE SPACING		PHOTOMETRIC CURVE		WATT	VOLTAGE

[illegible][illegible]

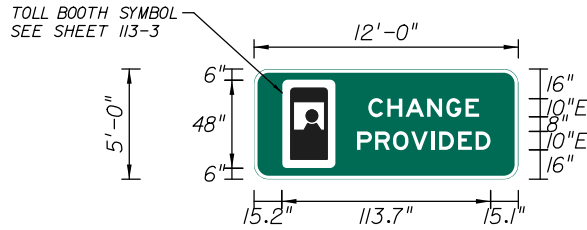
NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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[illegible]

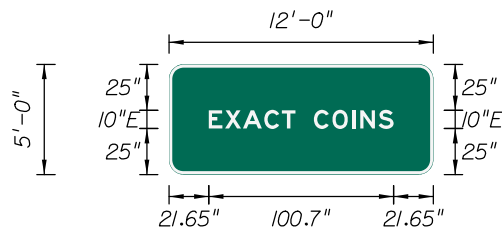
R E V I S I O N S			
DATE	DESCRIPTION	DATE	DESCRIPTION

	<p align="center"><b>STATE OF FLORIDA</b>  <b>DEPARTMENT OF TRANSPORTATION</b></p>			<p align="center"><b><i>TOLL PLAZA SIGNING DETAILS</i></b>  <b><i>MAINLINE CANOPY MOUNTED</i></b>  <b><i>SIGN PANELS</i></b></p>	SHEET NO.
	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		110-3

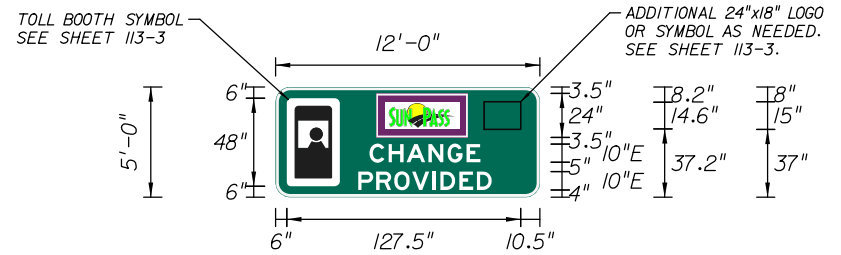
SIGN NAME		TPK-C3		QTY	1	SIGN NUMBER		STATION(S)	
PANEL			BORDER						
WIDTH	12'-0"		WIDTH	2"					
HEIGHT	5'-0"		RADII	8"					
LEGEND	White	COLOR	White						
COLOR	Green								
SYMBOL(S)			ANGLE	X	Y	WID	HT		
TB_ADV			0	15.2	6	29	48		



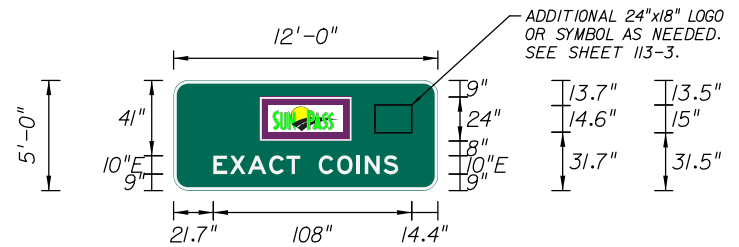
NO. OF LIGHT FIXTURES		FIXTURE SPACING		PHOTOMETRIC CURVE		WATT		VOLTAGE	
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[illegible][illegible]

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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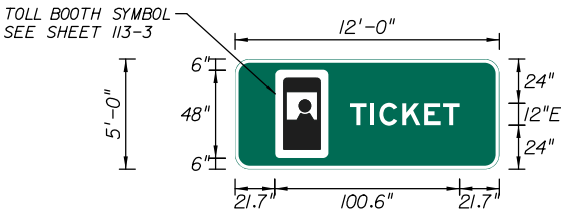
[illegible][illegible]

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

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TOLL PLAZA SIGNING DETAILS RAMP CANOPY MOUNTED SIGN PANELS		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION						110-4

SIGN NAME	TPK-T1	QTY	I	SIGN NUMBER	STATION(S)
PANEL		BORDER			
WIDTH	12'-0"	WIDTH	2"		
HEIGHT	5'-0"	RADII	8"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
TB_CAN	0	21.7	6	29	48
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
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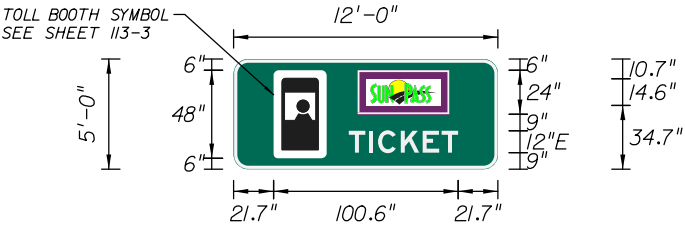
COPY		T	I	C	K	E	T		L										
SPACE	62.7	11	4.9	12.5	11.9	10.3	9	21.7	59.6										
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			

SIGN NAME		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
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COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			

SIGN NAME	TPK-T2	QTY	I	SIGN NUMBER	STATION(S)
PANEL		BORDER			
WIDTH	12'-0"	WIDTH	2"		
HEIGHT	5'-0"	RADII	8"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SunPass_CAN	0	72.2	34.7	40.7	14.6
TollPanel_CAN	0	67.5	30	50.1	24
TB_CAN	0	21.7	6	29	48
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE <small>Edge Of Lane</small>	COLUMN SIZE		AVERAGE LENGTH



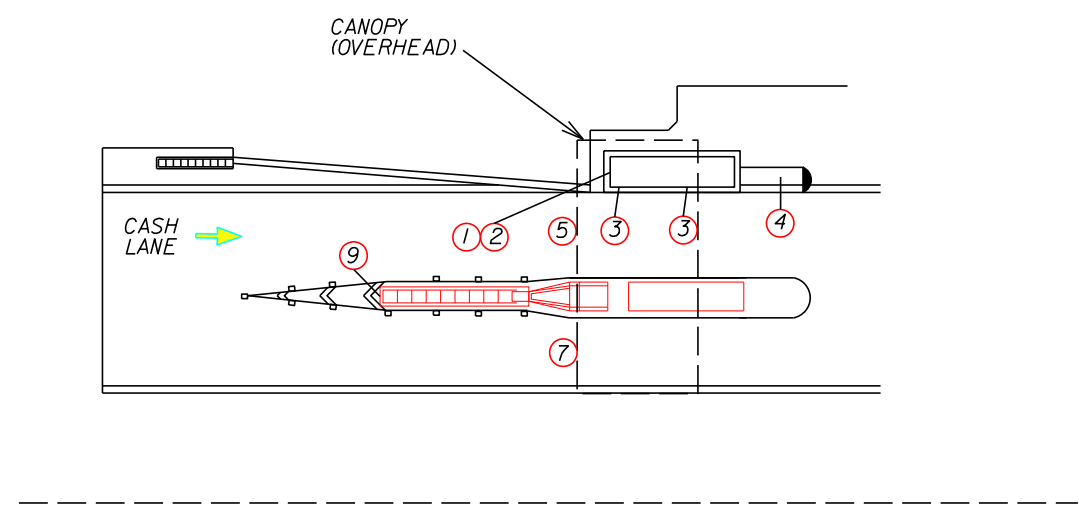
NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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COPY		T	I	C	K	E	T		L										
SPACE	62.7	11	4.9	12.5	11.9	10.3	9	21.7	59.6										
COPY																			
SPACE																			
COPY																			
SPACE																			
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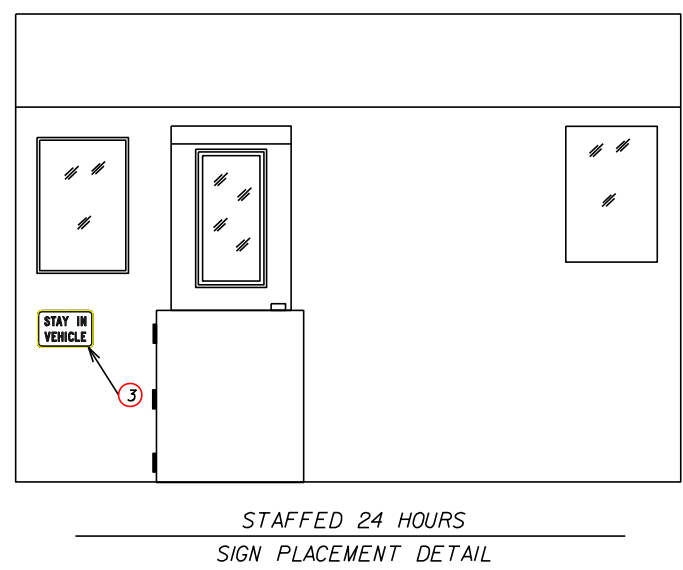
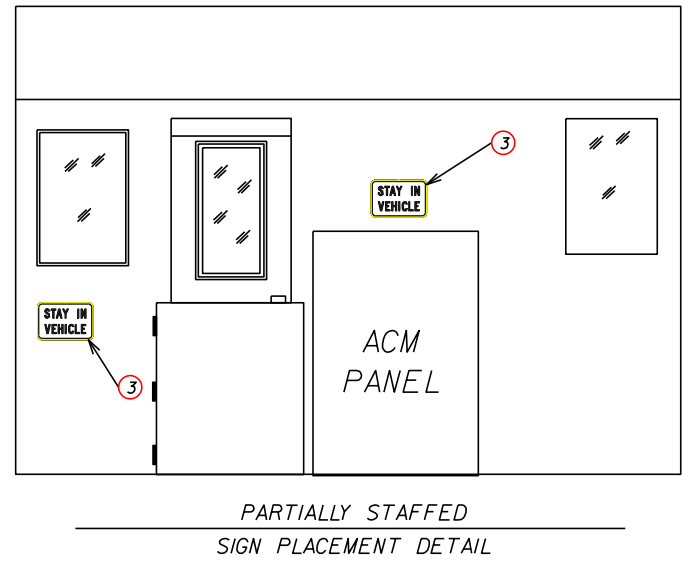
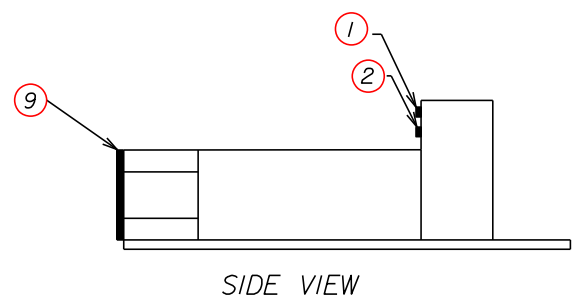
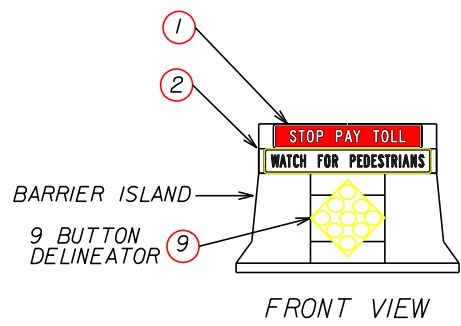
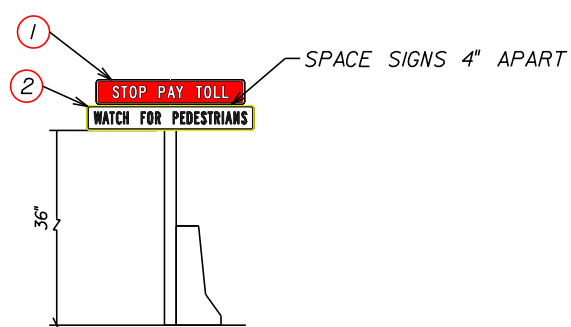
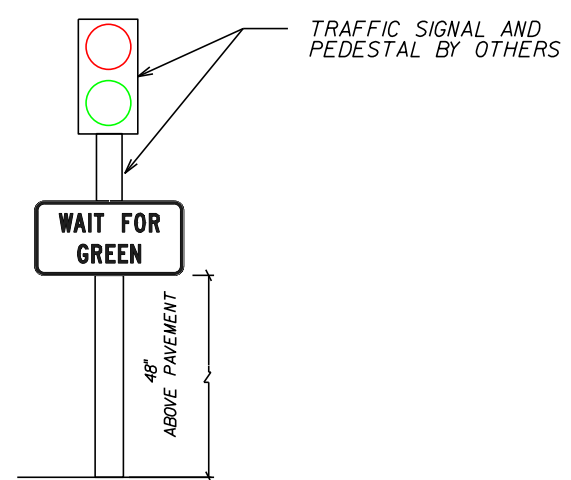
SIGN NAME		QTY	I	SIGN NUMBER	STATION(S)
PANEL		BORDER			
WIDTH	WIDTH				
HEIGHT	RADII				
LEGEND	COLOR				
COLOR					
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE <small>Edge Of Lane</small>	COLUMN SIZE		AVERAGE LENGTH

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

COPY																			
SPACE																			
COPY																			
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SPACE																			

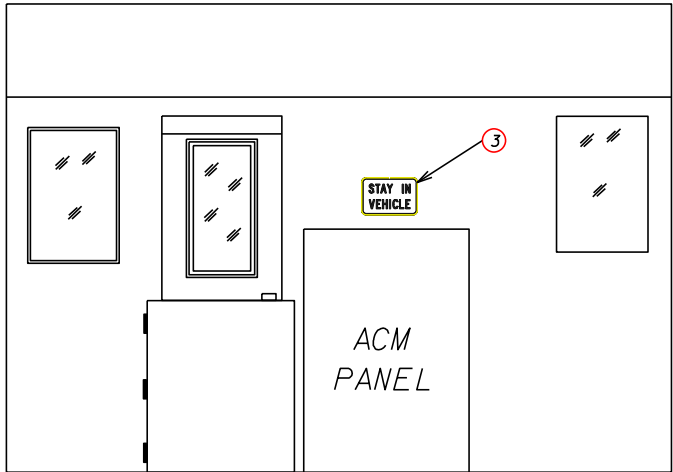
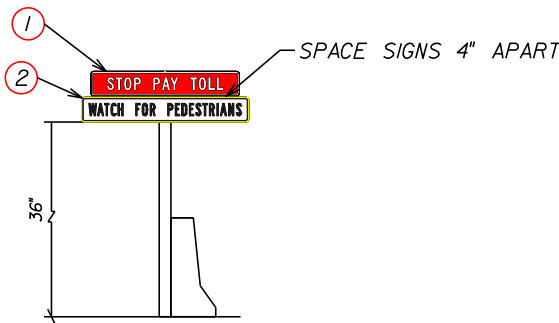
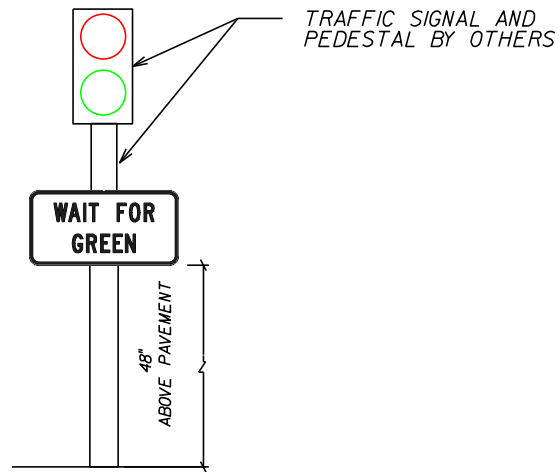
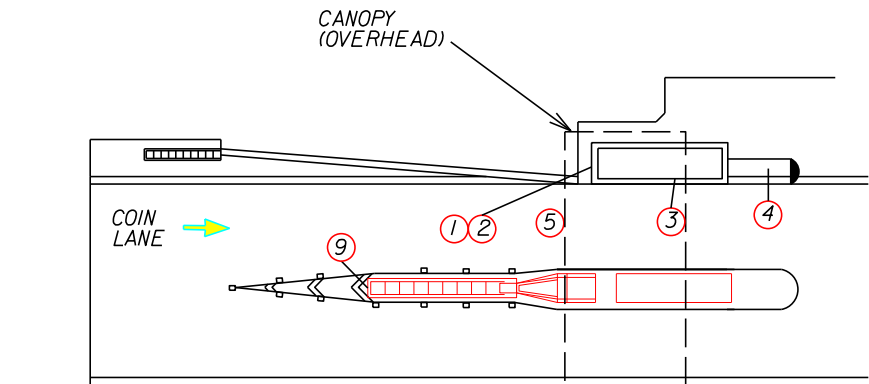


TOLL PLAZA SIGN SYMBOL LEGEND		
	LEGEND OR DESCRIPTION	REMARKS
1	STOP PAY TOLL	MOUNT ON ISLAND GATORHEAD
2	WATCH FOR PEDESTRIANS	MOUNT ON ISLAND GATORHEAD
3	STAY IN VEHICLE	MOUNT ON TOLL BOOTH OR ACM
4*	WAIT FOR GREEN	MOUNT ON TOLL BOOTH
5	LANE DESIGNATION SIGN	MOUNT ON CANOPY
7	LANE DESIGNATION SIGN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



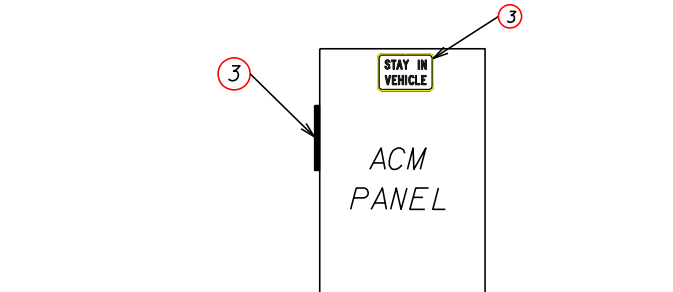
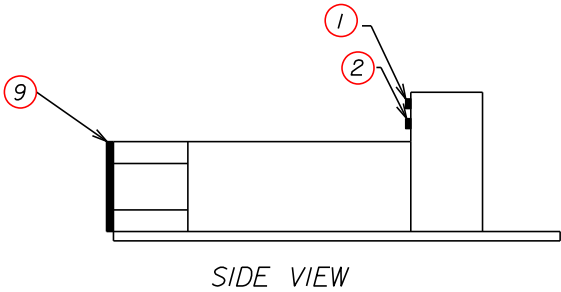
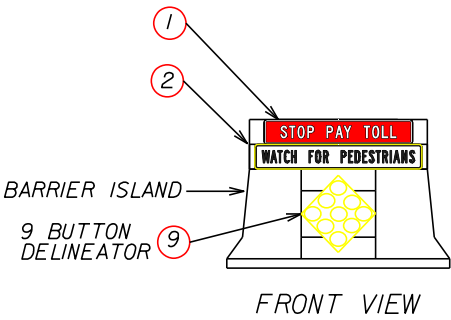
N.T.S.

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	CASH LANE TOLL PLAZA SIGNING LAYOUT		SHEET NO.  III-1
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				



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

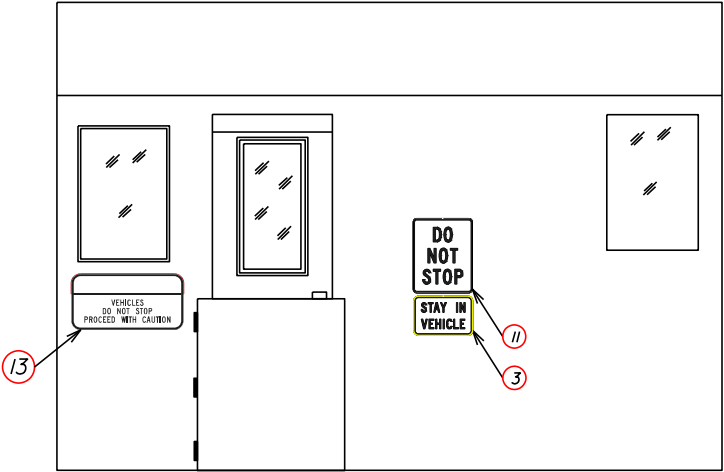
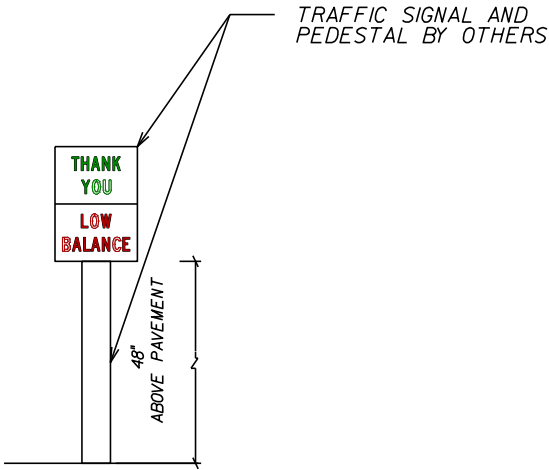
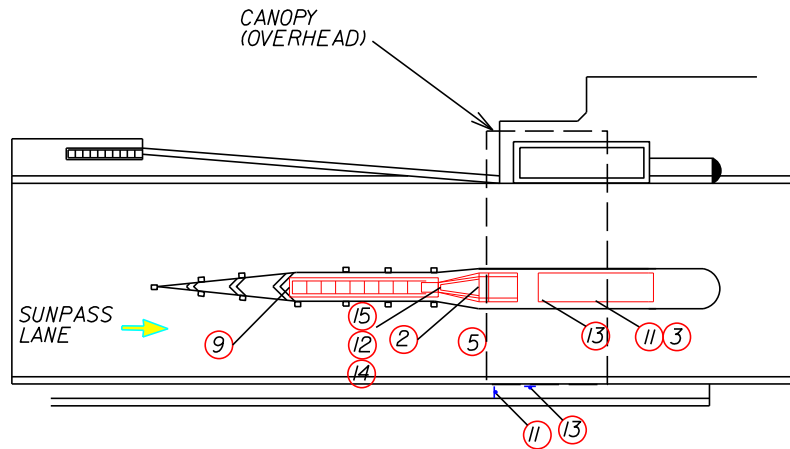
N.T.S.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

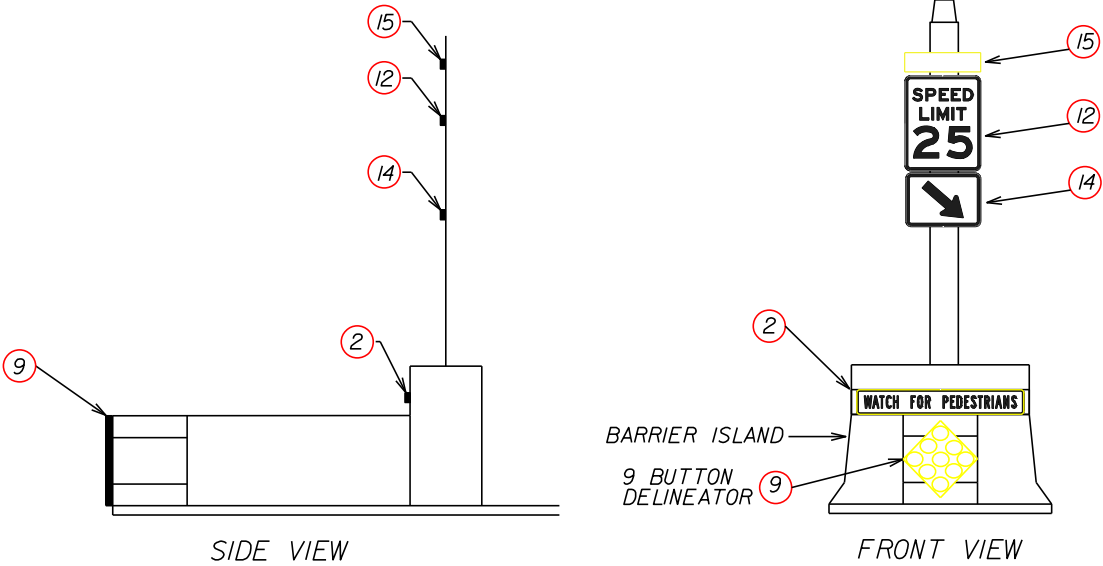
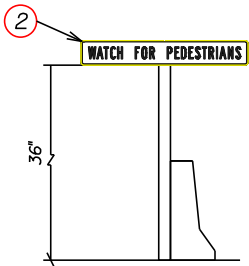
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

COIN LANE TOLL PLAZA SIGNING LAYOUT
---

SHEET NO.
III-2



SUNPASS LANE AND BOOTH  
SIGN PLACEMENT DETAIL



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

N.T.S.

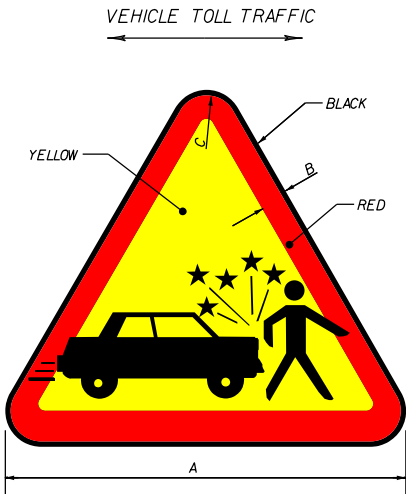
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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

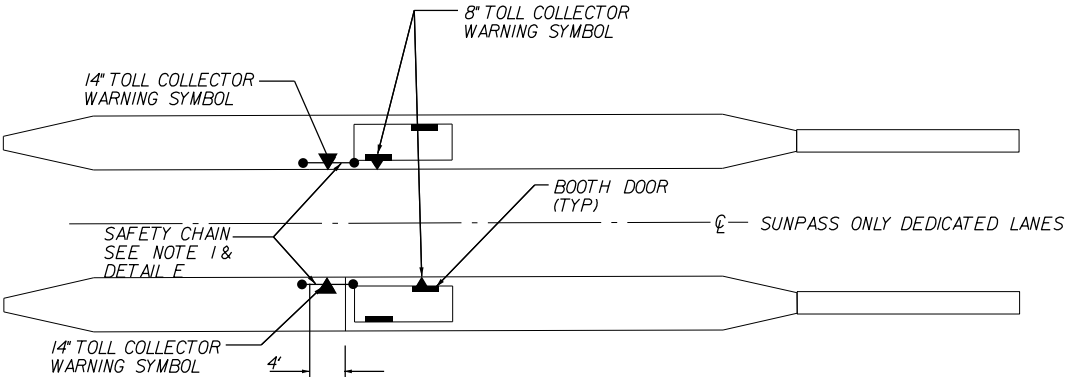
SUNPASS LANE TOLL PLAZA SIGNING LAYOUT	SHEET NO.
	III-3

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

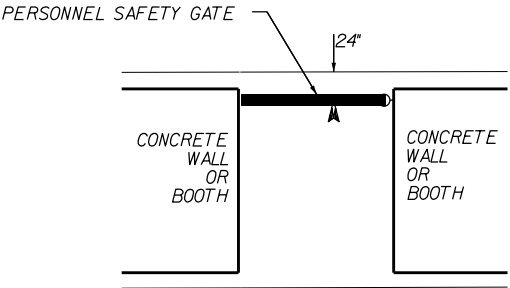
NOTE: SYMBOLS SHALL BE PLACED IN BOOTH DOORWAYS AND WALKWAYS AS SHOWN ON PLANS. SURFACES SHALL BE THOROUGHLY CLEANED PRIOR TO APPLICATION.



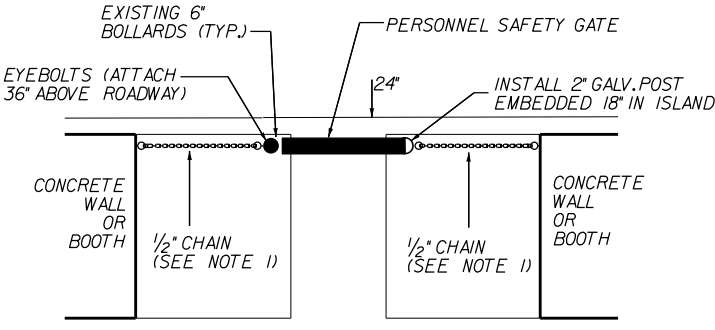
TYPICAL TOLL ATTENDANT WARNING SYMBOL  
NTS



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.

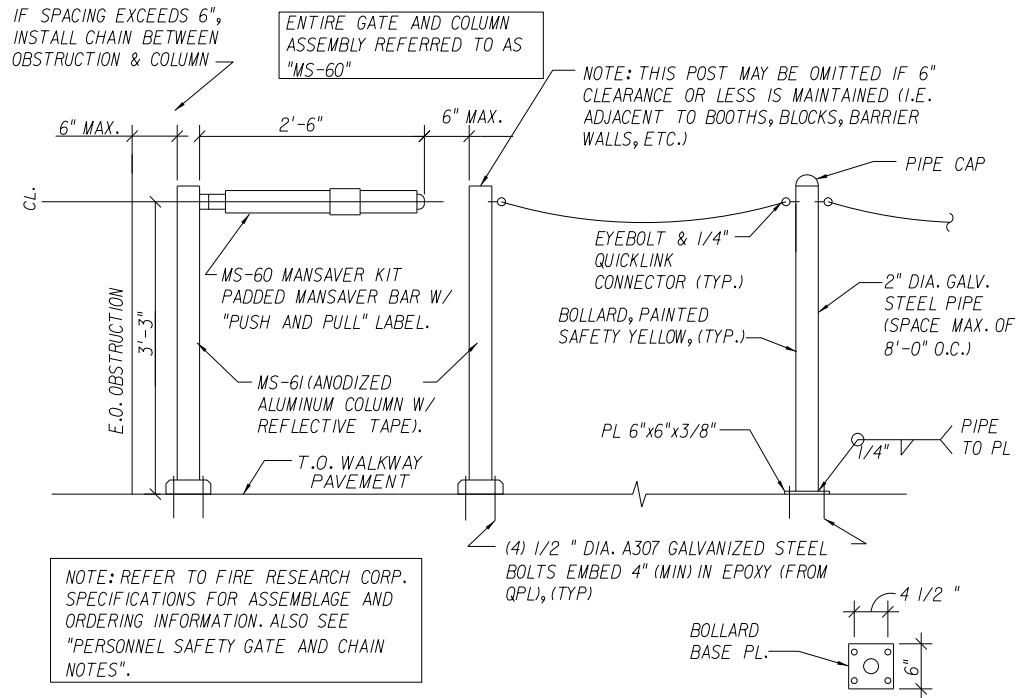
- NOTES:
1. SAFETY CHAINS SHALL CONSIST OF 1/2" YELLOW COLORED, VINYL-COATED STEEL CHAIN, SNAPHOOK, SHACKLES, EYEBOLTS, AND ANCHORS. THE SAFETY CHAINS SHALL BE ANCHORED TO CONCRETE WALL, MASONRY, OR BOLLARDS BY LAG SHIELDS AND 3/8" EYEBOLTS. STEEL BOLLARDS SHALL BE FIELD GALVANIZED AROUND HOLES AND YELLOW 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.  
  
III-4



1. PERSONNEL SAFETY GATES SHALL BE INSTALLED WHERE INDICATED ON PLANS. THESE GATES SHALL BE CONSTRUCTED WITH SAFETY BARS AS MANUFACTURED BY FIRE RESEARCH CO. (1-800-645-0074) OR EQUAL, AND SOLD UNDER THE BRAND NAME MANSAVER, 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) MANSAVER BAR (MS-60 MANSAVER 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 MANSAVER 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 "MANSAVER 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 MANSAVER 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.

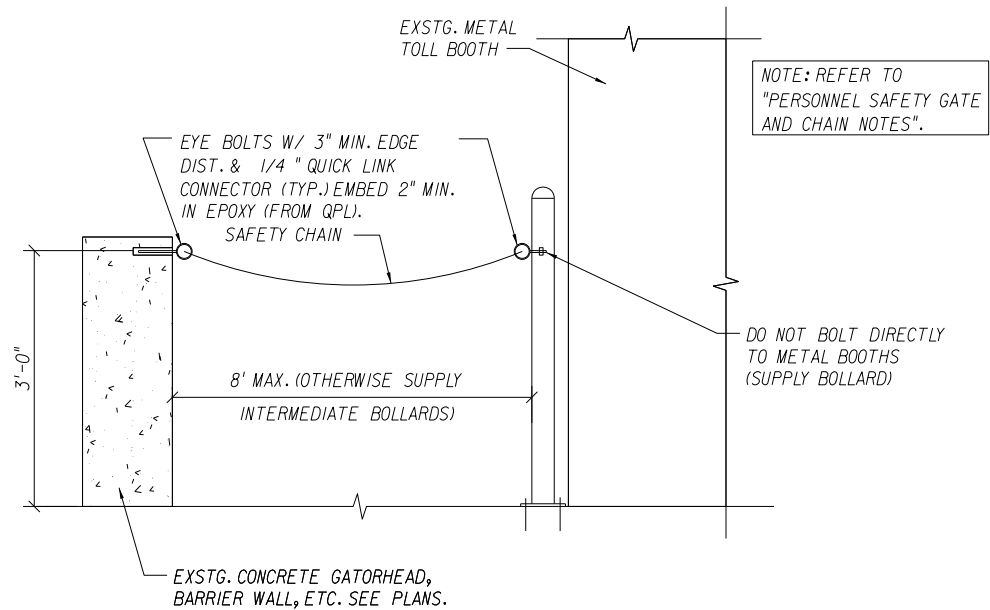
5. CHAIN ATTACHMENT: CHAIN AND QUICK LINKS SHALL BE CONNECTED TO BOLLARDS WITH EYE BOLTS. CHAIN SHALL NOT PASS THROUGH A RING ON THE BOLLARD BUT SHALL TERMINATE AT ONE, OR BOTH SIDES OF THE BOLLARD AS NECESSARY, WITH A QUICK LINK CONNECTOR. CHAIN MAY NOT BE ATTACHED TO AUTOMATIC COIN MACHINES, GATE HOUSINGS,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



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		III-5

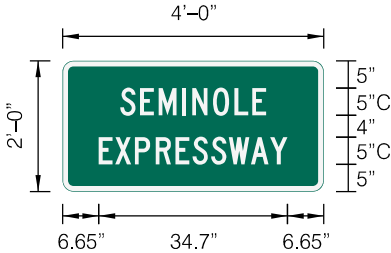




SIGN NAME										TPK-T3	QTY	SIGN NUMBER	STATION(S)	
PANEL										BORDER				
WIDTH										0'-6"	WIDTH	0.5"		
HEIGHT										3'-0"	RADII	1.5"		
LEGEND										Black	COLOR	Black		
COLOR										White				
SYMBOL(S)										ANGLE	X	Y	WID	HT
AR_Type A										270	1.4	25	2	3.2
Truck Single unit										0	1.2	22.4	3.7	2
AR_Type A										270	1.4	4.5	2	3.2
Automobile (Front)										0	1.8	1.7	2.4	2
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH										
		</												



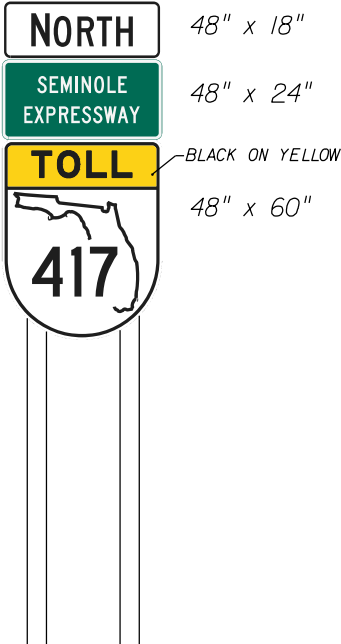
SIGN NAME	TPK-BRAND	QTY	I	SIGN NUMBER	STATION(S)															
PANEL		BORDER																		
WIDTH	4'-0"	WIDTH	1"																	
HEIGHT	2'-0"	RADII	2"																	
LEGEND	White	COLOR	White																	
COLOR	Green																			
SYMBOL(S)	ANGLE	X	Y	WID	HT															
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE <small>Edge Of Lane</small>	COLUMN SIZE		AVERAGE LENGTH															
NO. OF LIGHT FIXTURES		FIXTURE SPACING		PHOTOMETRIC CURVE	WATT															
					VOLTAGE															
COPY		S	E	M	I	N	O	L	E		L									
SPACE	10.6	3.6	3.4	4.4	1.8	3.8	4	3.3	2.5	10.6	26.8									
COPY		E	X	P	R	E	S	S	W	A	Y		L							
SPACE	6.7	3	3.6	3.8	3.7	3.2	3.4	3.3	4.1	3.5	3.2	6.7	34.7							
COPY																				
SPACE																				
COPY																				
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COPY																				
SPACE																				



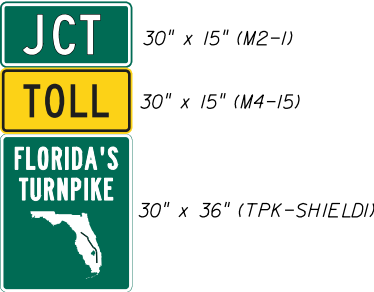
NOTES:

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

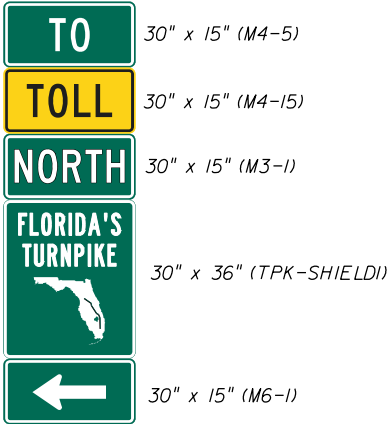
- BEACHLINE EXPRESSWAY, SR 528
- FIRST COAST EXPRESSWAY, SR 23
- POLK PARKWAY, SR 570
- SAWGRASS EXPRESSWAY, SR 869
- SEMINOLE EXPRESSWAY, SR 417
- SUNCOAST PARKWAY, SR 589
- VETERANS EXPRESSWAY, SR 589
- WESTERN BELTWAY, SR 429



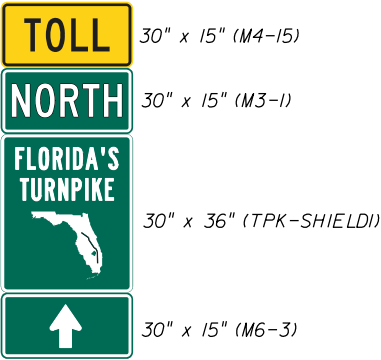
JUNCTION ASSEMBLIES



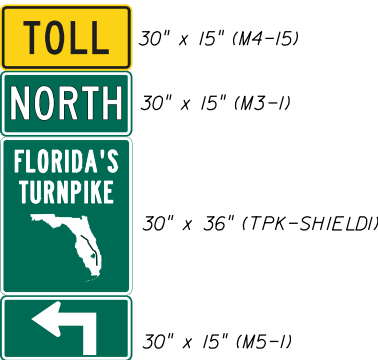
TRAILBLAZER ASSEMBLIES



AET-08



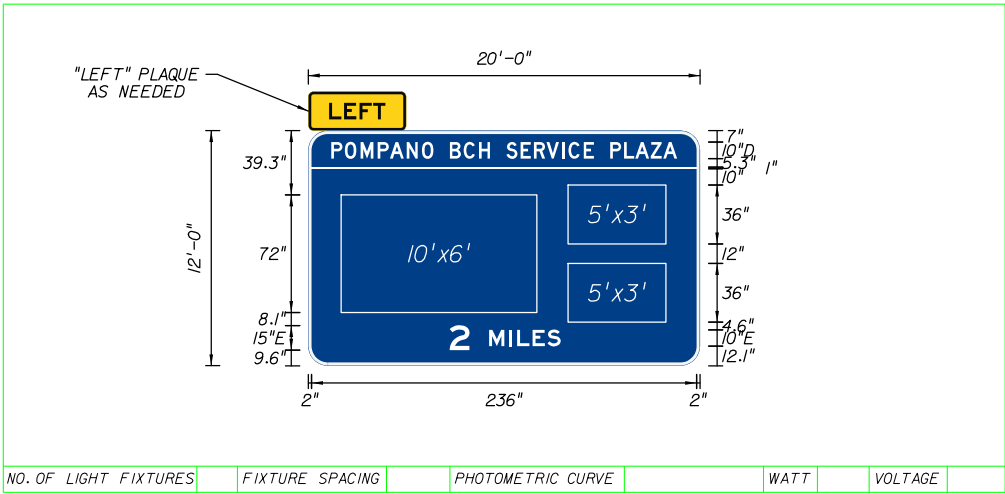
AET-09



REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SPECIAL SIGN DETAILS BRANDING SIGN PANEL	SHEET NO.  112-2
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		

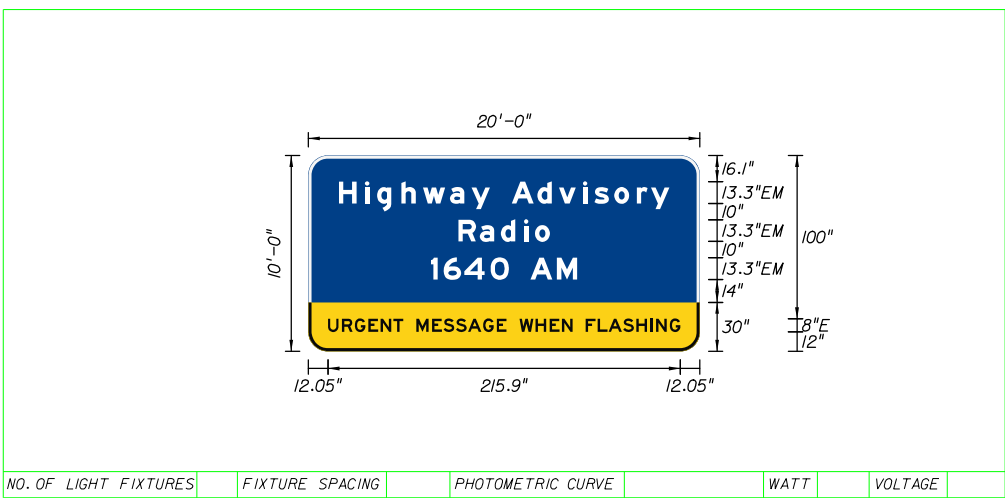


SIGN NAME	TPK-SERVI	QTY	I	SIGN NUMBER	STATION(S)
PANEL	BORDER				
WIDTH	20'-0"	WIDTH	2"		
HEIGHT	12'-0"	RADII	12"		
LEGEND	White	COLOR	White		
COLOR	Blue				
SYMBOL(S)	ANGLE	X	Y	WID	HT
5x3	0	159.2	74.7	60	36
10x6	0	20.1	32.7	120	72
5x3	0	159.2	26.7	60	36
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



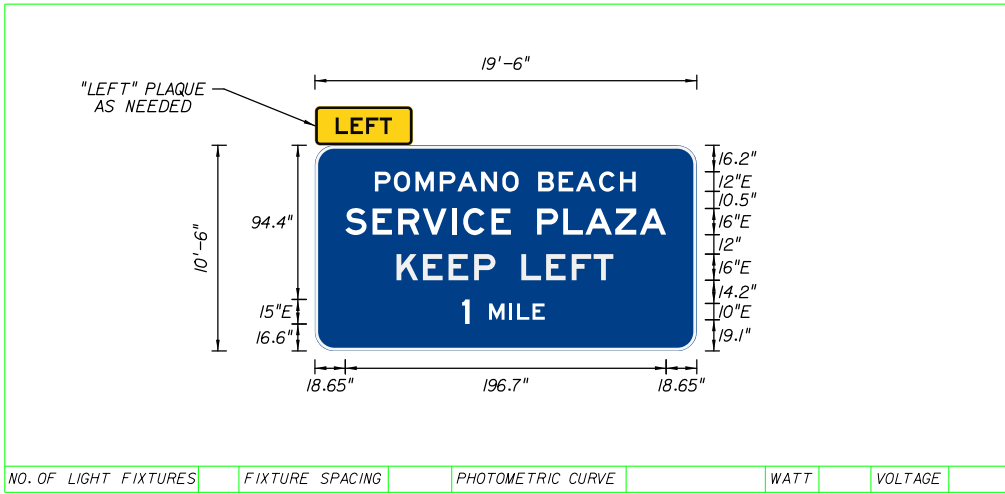
COPY		P	O	M	P	A	N	O		B	C	H		S	E	R	V	I	C	E		P	L
SPACE	14.1	8.3	9.6	10.6	7.5	10.2	9.3	7.1	10	8.5	9.3	6.8	10	8.8	8.2	7.7	9.3	4.1	9.3	6.2	10	8.5	6.9
COPY		2		M	I	L	E	S		L													
SPACE	86.6	12.1	12	12.4	4.8	9.5	9.1	8.1	85.4	68													
COPY																							
SPACE																							
COPY																							
SPACE																							
COPY																							
SPACE																							
COPY																							
SPACE																							

SIGN NAME	TPK-HAR	QTY	I	SIGN NUMBER	STATION(S)
PANEL	BORDER				
WIDTH	20'-0"	WIDTH	2"		
HEIGHT	10'-0"	RADII	12"		
LEGEND	White	COLOR	White		
COLOR	Blue				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



COPY		H	I	g	h	w	a	y		A	d	v	I	s	o	r	y		L				
SPACE	18.7	16	7.4	14.9	13.2	16.6	13.2	11.3	13.3	15.7	13.2	14.7	7.1	12.1	13.8	8.6	11.3	18.7	202.5				
COPY		R	a	d	i	o		L															
SPACE	92	13.2	12.9	14.1	6.8	9	92	56															
COPY		1	6	4	0		A	M		L													
SPACE	75.3	7.7	12.8	16	11.2	13.3	16.2	12.4	75.3	89.5													
COPY		U	R	G	E	N	T		M	E	S	S	A	G	E								
SPACE	12	8.6	7.8	8.3	7.6	7.8	6	8	9.6	7.1	7.6	7.4	9.3	8.3	6								
COPY		W	H	E	N		F	L	A	S	H	I	N	G		L							
SPACE	8	9.8	8.6	7.6	6.5	8	7.4	6.6	9	8.1	8.6	3.5	8.3	6.5	12	215.9							
COPY																							
SPACE																							

SIGN NAME	TPK-SERV3	QTY	I	SIGN NUMBER	STATION(S)
PANEL	BORDER				
WIDTH	19'-6"	WIDTH	2"		
HEIGHT	10'-6"	RADII	12"		
LEGEND	White	COLOR	White		
COLOR	Blue				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE	AVERAGE LENGTH	



COPY		A	P	Q	M	P	A	N	O		B	E	A	C	H		L						
SPACE	38.5	111.4	13.2	14.9	10.8	14.6	12.9	10.1	12	12.5	10.5	14.2	12.9	9.7	37.4	159.9							
COPY		S	E	R	V	I	C	E		P	L	A	Z	A		L							
SPACE	18.7	16.6	15.7	15	17.8	7.1	17.2	12	16	16.1	13.5	18.3	15	16.3	18.7	196.7							
COPY		K	E	E	P		L	E	F	T		L											
SPACE	50	16.2	15.7	15.7	13	16	15.1	15.7	13.5	12	51.1	132.8											
COPY		1		M	I	L	E		L														
SPACE	90.3	4.5	12	12.4	4.8	9.5	7.5	93.1	50.6														
COPY																							
SPACE																							
COPY																							
SPACE																							

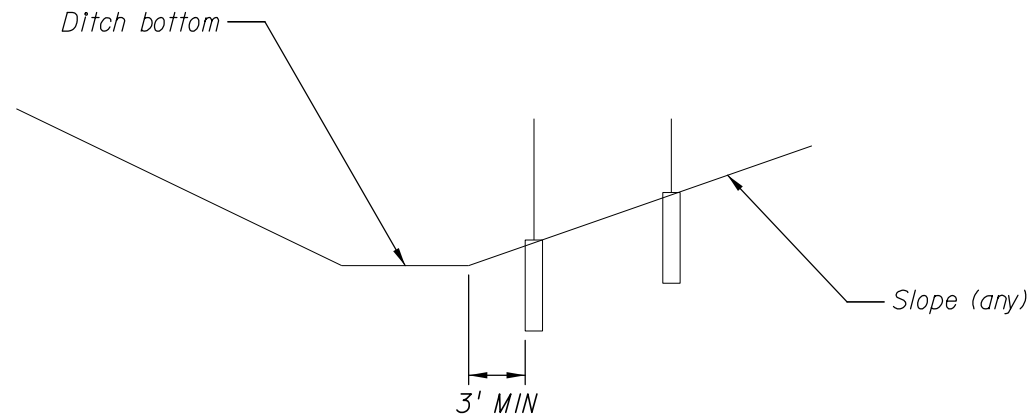
SIGN NAME		QTY		SIGN NUMBER		STATION(S)	
PANEL		BORDER					
WIDTH		WIDTH					
HEIGHT		RADII					
LEGEND		COLOR					
COLOR							
SYMBOL(S)		ANGLE	X	Y	WID	HT	

COPY																							
SPACE																							
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REVISIONS							STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SPECIAL SIGN DETAILS (SERVICE PLAZA & HAR)	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		113-1

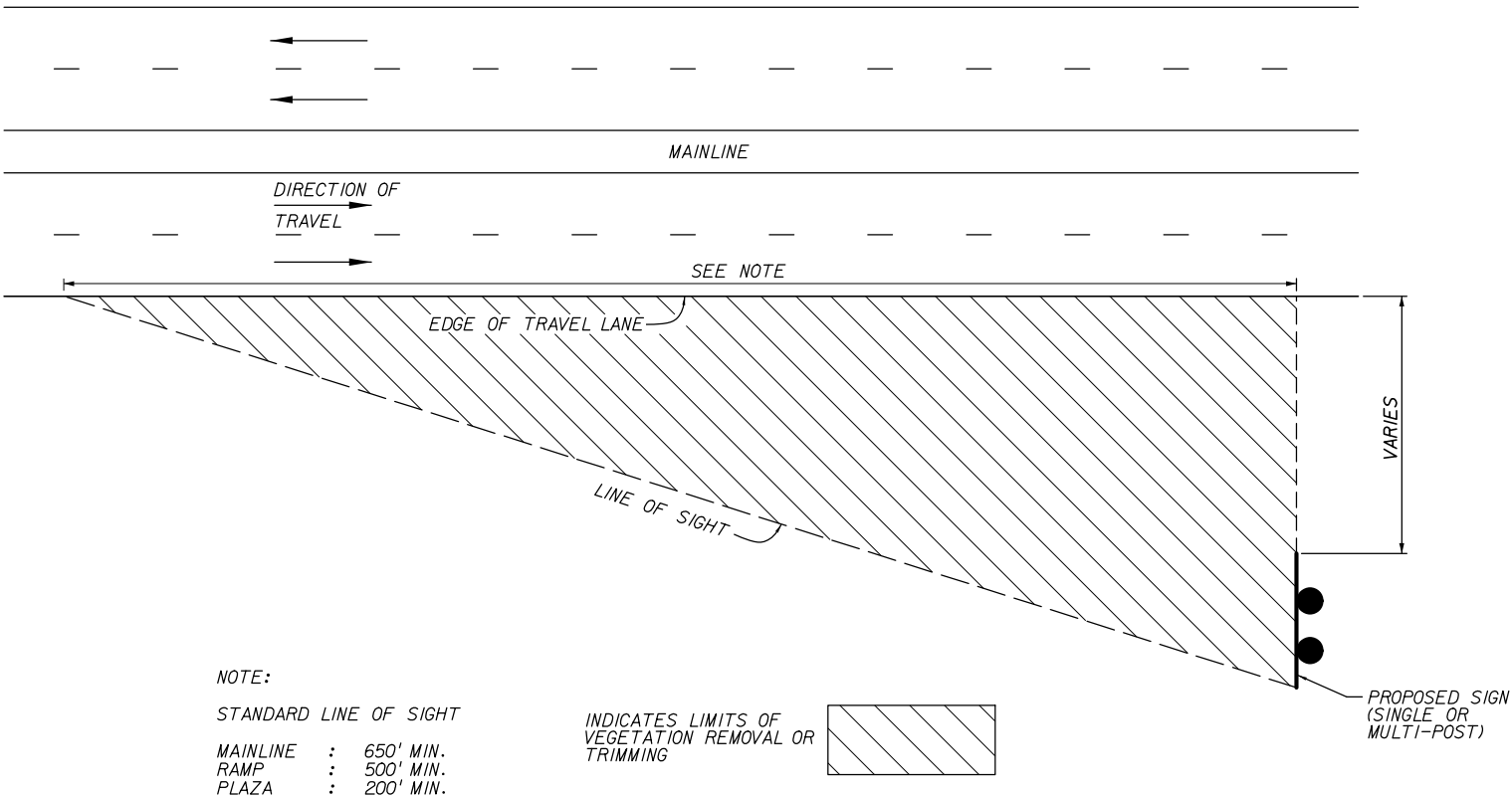






Sign post shall not be placed in any ditch bottom where standing water can occur or seasonal high water runoff can erode post foundation.

Sign posts shall not straddle ditch bottom.



NOTE:  
STANDARD LINE OF SIGHT  
MAINLINE : 650' MIN.  
RAMP : 500' MIN.  
PLAZA : 200' MIN.

INDICATES LIMITS OF  
VEGETATION REMOVAL OR  
TRIMMING

PROPOSED SIGN  
(SINGLE OR  
MULTI-POST)

N.T.S.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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

MISCELLANEOUS DETAILS SIGN PLACEMENT

SHEET NO.
113-4