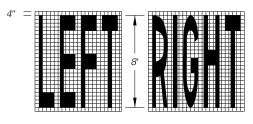
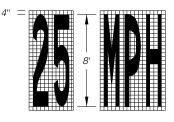


23 s.f.

24 s.f.

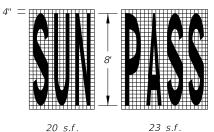


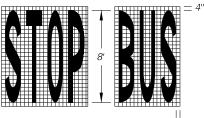
20 s.f.



20 s.f.

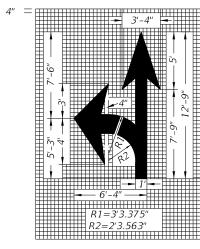
13 s.f.





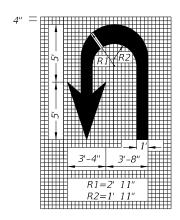
22 s.f. 20 s.f. 4"





Turn and Through Lane-Use Arrow

29 s.f.

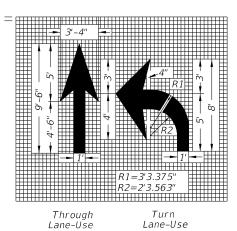


26 s.f.

U Turn Lane-Use Arrow

27 s.f.

DIMENSIONS ARE WITHIN 1" ±



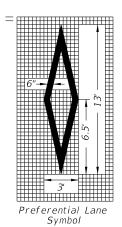
20 s.f.

Lane-Use Arrow

12 s.f. 17 s.f.

Right Turn Arrow To Be Reversed.

Arrow



11 s.f.

Arrow 24 s.f.



#### TYPES OF PERMANENT LONGITUDINAL LINES

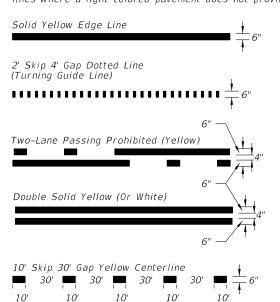
NOTE: When arrow and pavement message are used together, the arrow shall be located down stream of the pavement message and shall be separated from the pavement message by a distance of 25' (Base of the arrow to the base of the message). Stop message shall be placed 25' from back of stop line.

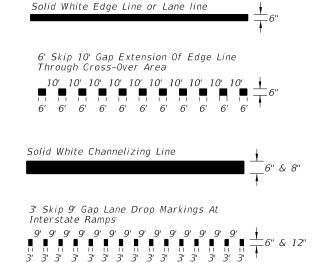
#### BASIC COLOR RULE:

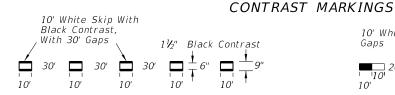
DESCRIPTION:

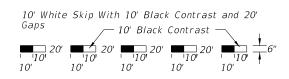
Wrong-Way

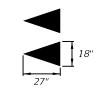
White lines separate traffic in the same direction. Yellow lines separate traffic in opposing directions. Yellow dotted lines may be used in special cases. Black may be used in combination with white for skip lines where a light-colored pavement does not provide sufficient contrast with the markings.











Yield Lines 5-18" X 27" White triangles facing traffic equally spaced within travel lane with 1 additional triangle using same spacing when a bike lane is present.

LAST REVISION 01/01/12

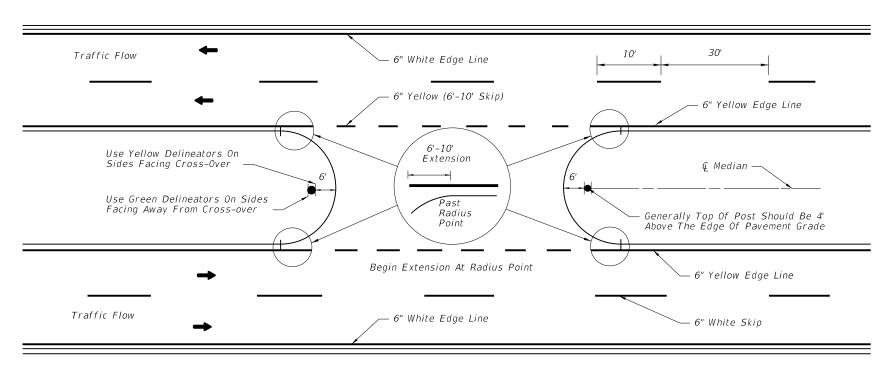


FDOT DESIGN STANDARDS 2013

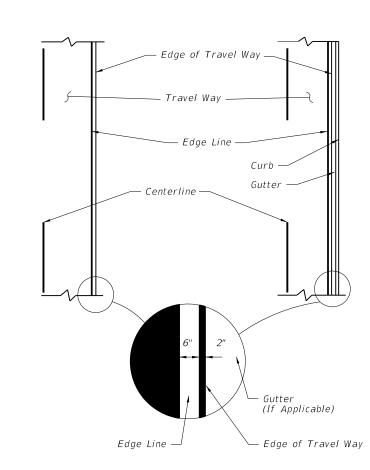
SPECIAL MARKING AREAS

INDEX NO. 17346

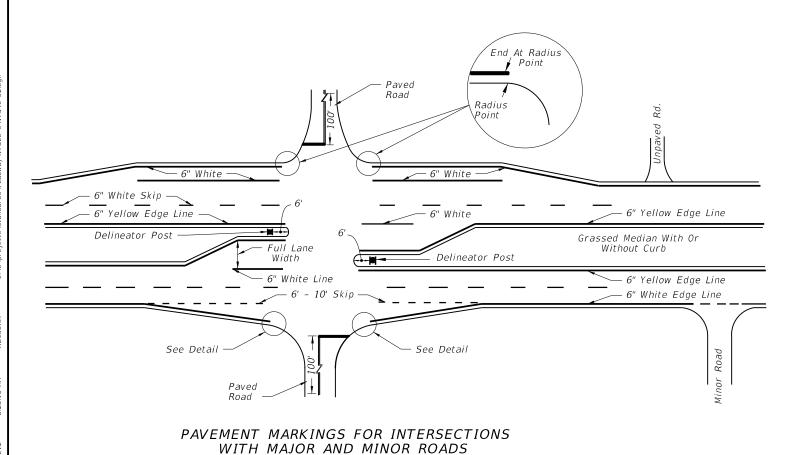
SHEET NO.

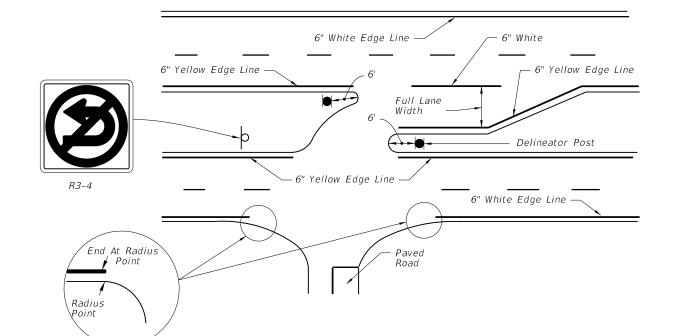






PLACEMENT OF EDGE LINES





LAST REVISION 01/01/10

DESCRIPTION:

THE PARTY OF THE P

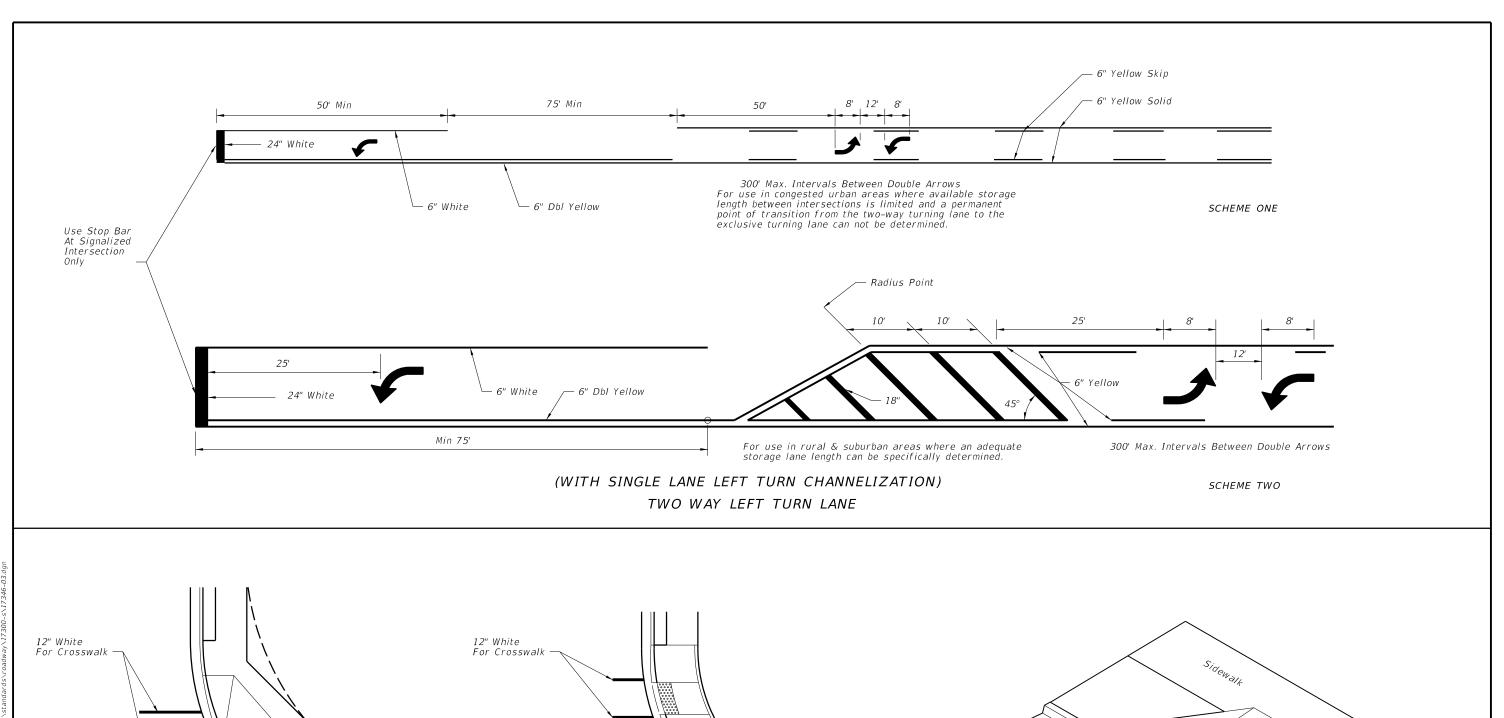
FDOT DESIGN STANDARDS 2013 NOTE:

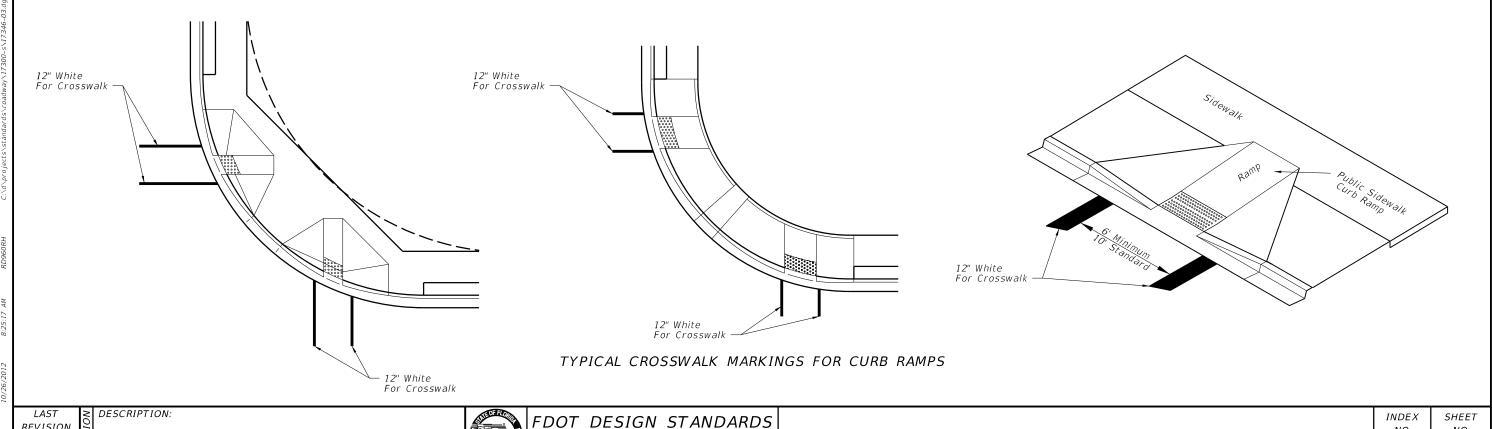
Markings applied to median noses shall be yellow in color.

SPECIAL MARKING AREAS

INDEX SH NO. N 17346 2

SHEET NO. 2





2013

NO.

17346

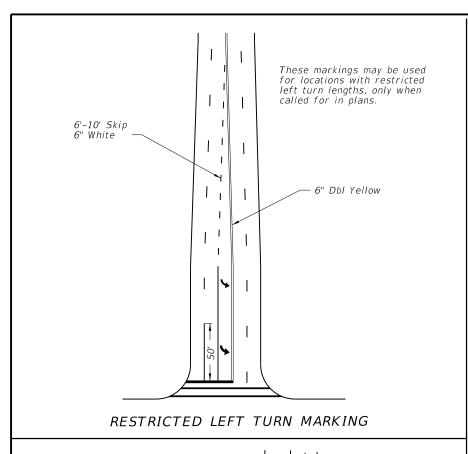
SPECIAL MARKING AREAS

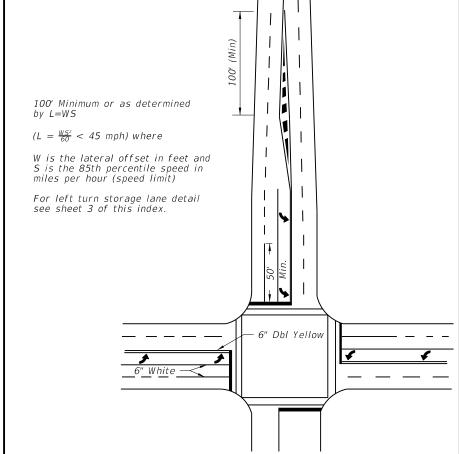
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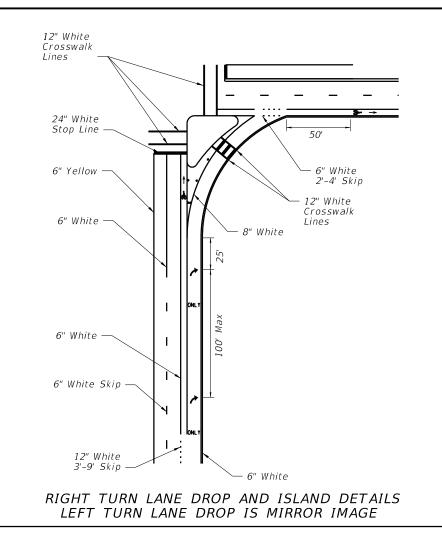
3

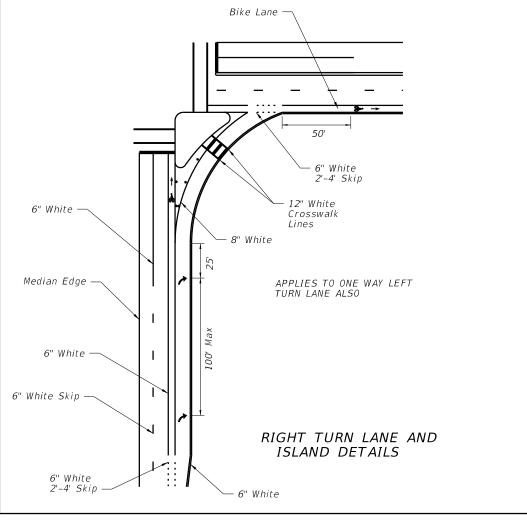
REVISION

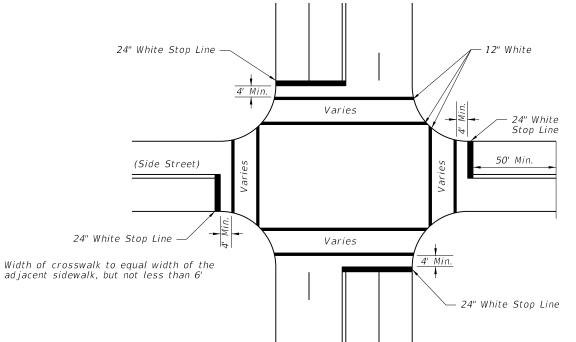
07/01/09











#### NOTES:

- 1. When public sidewalk curb ramps are present, refer Index No. 17344 and Index No. 304 for crosswalk
- 2. Double yellow longitudinal center lines on all roadway approaches shall be extended back 100' for projects involving intersection improvements only.
- 3. When specified, "stop" message shall be placed 25' back of stop lines.

STOP BARS, CROSSWALKS AND DOUBLE CENTER LINE DETAILS

LAST REVISION

DESCRIPTION:

R2013-02--Removed Chevrons from Raised Islands.

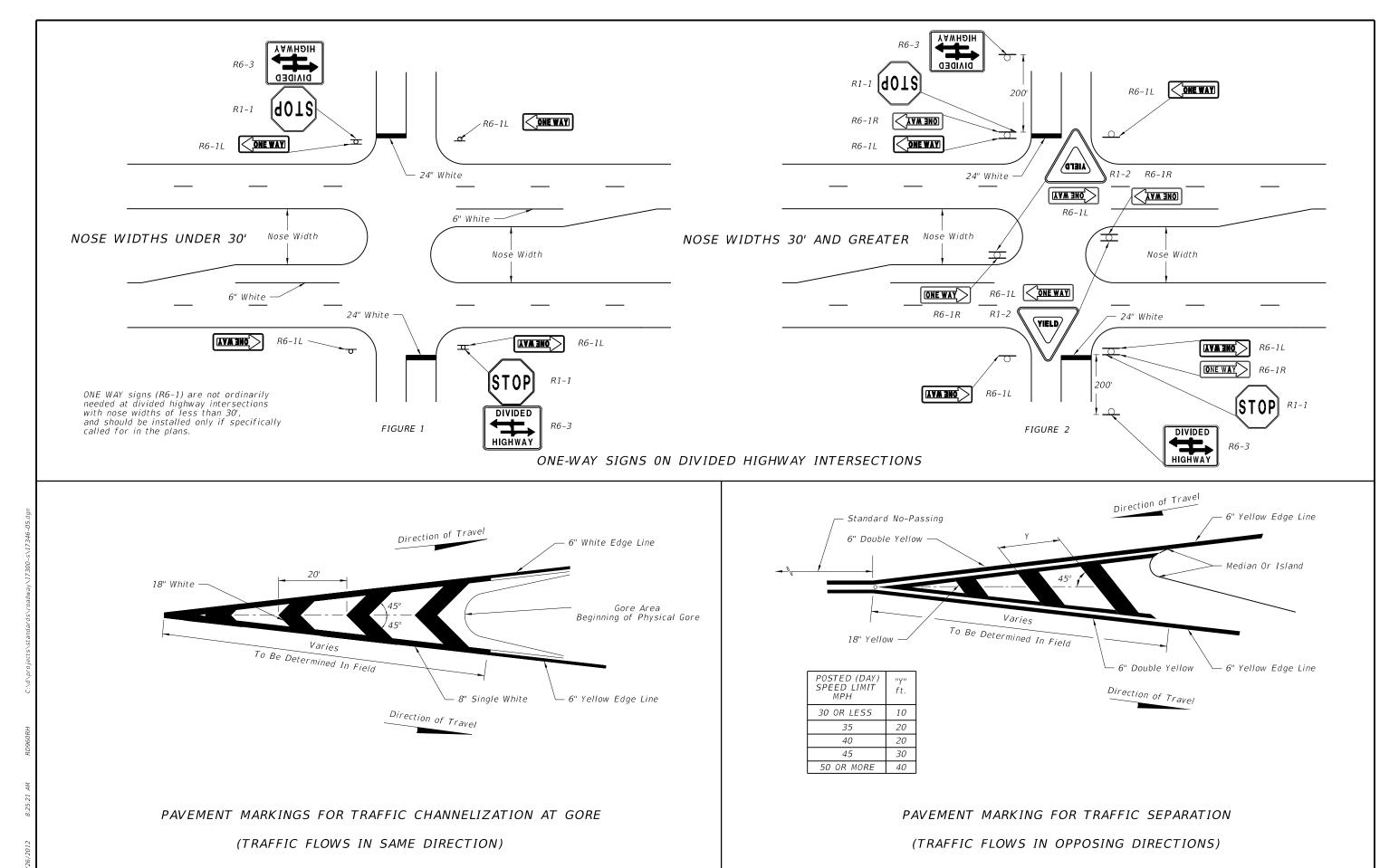
TYPICAL INTERSECTION 2 THRU LANES PLUS LEFT TURN LANE, WITH CROSSWALK

01/01/13

FDOT DESIGN STANDARDS 2013

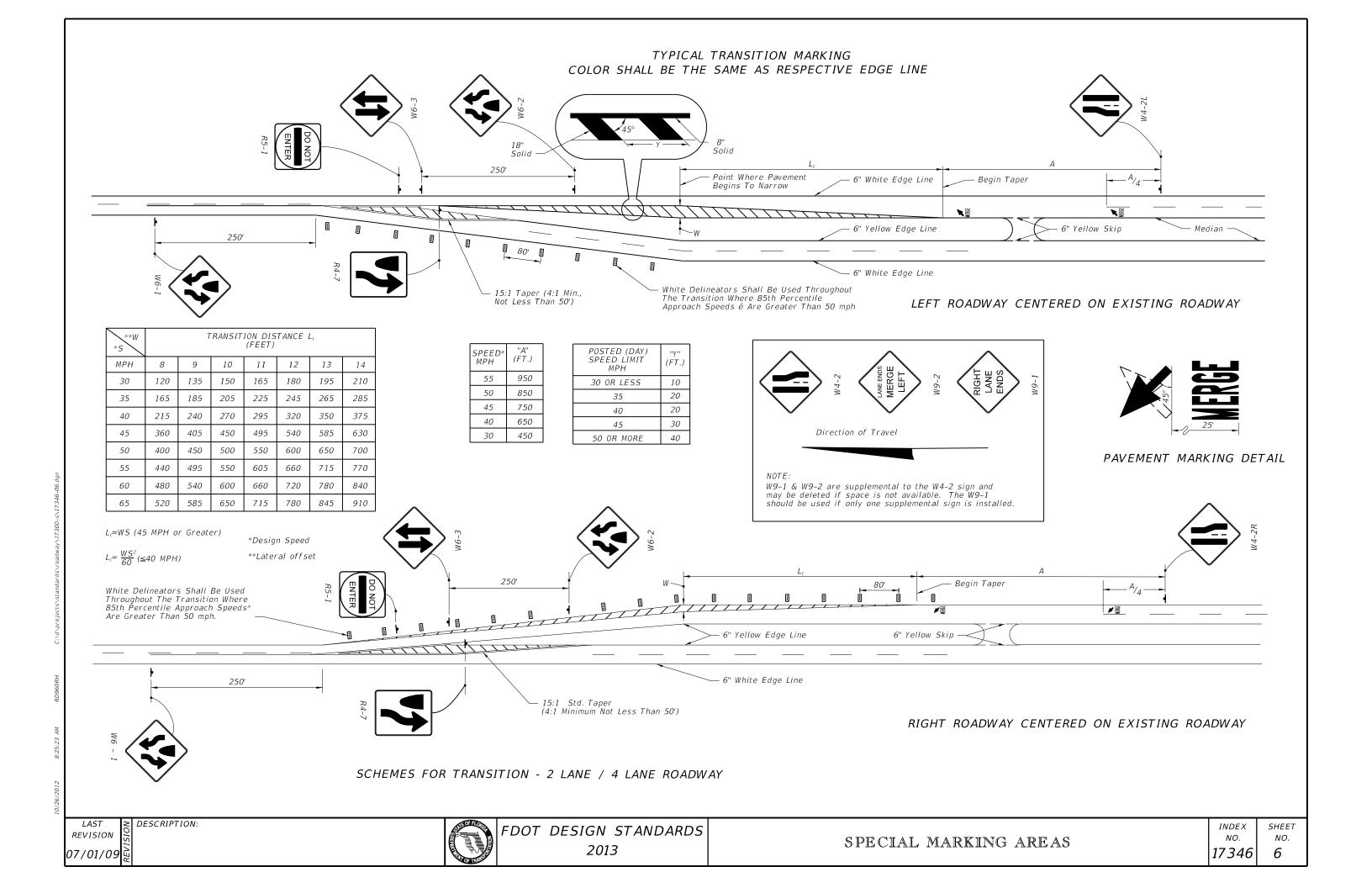
SPECIAL MARKING AREAS

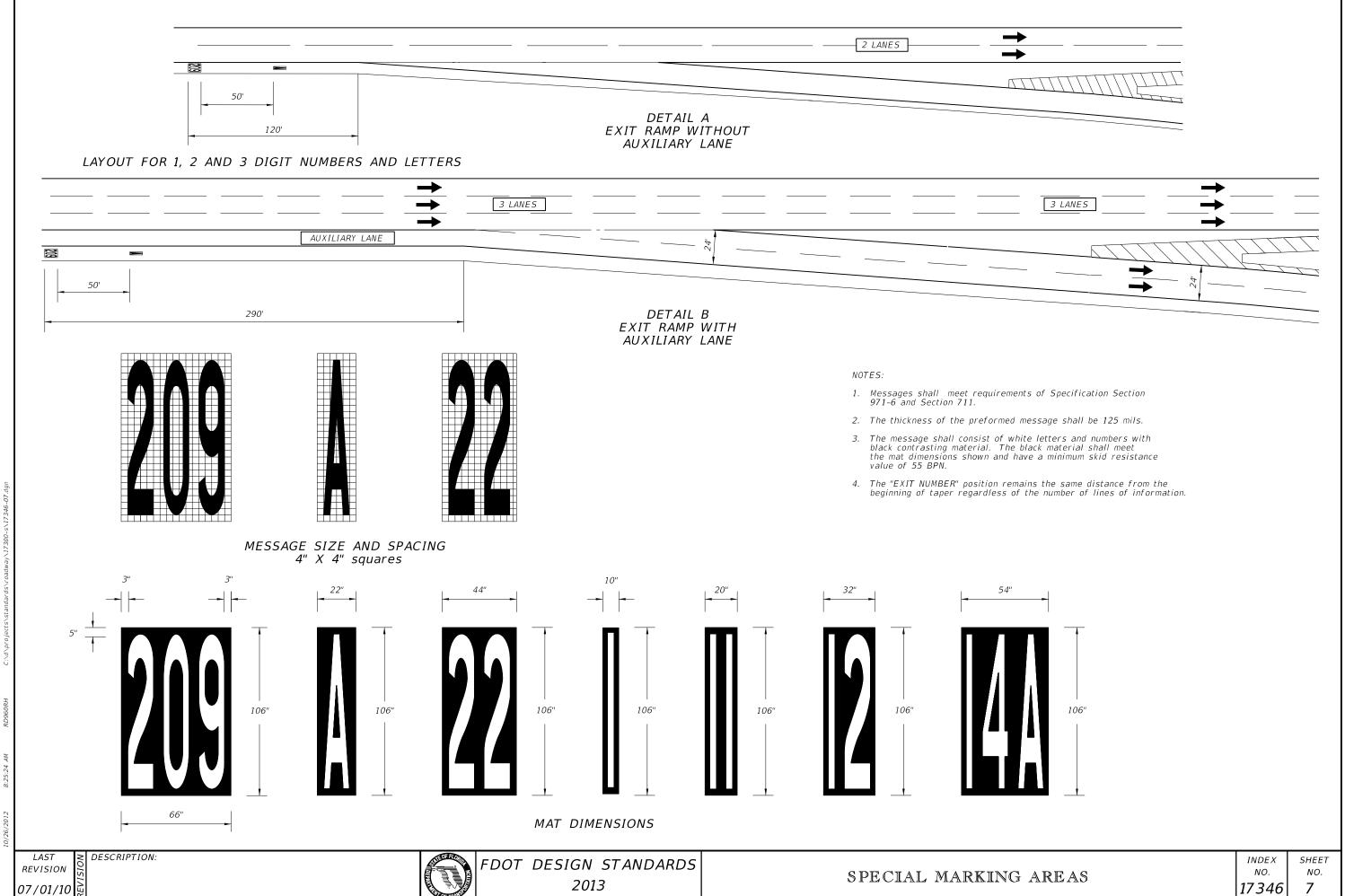
INDEX SHEET NO. NO. 17346

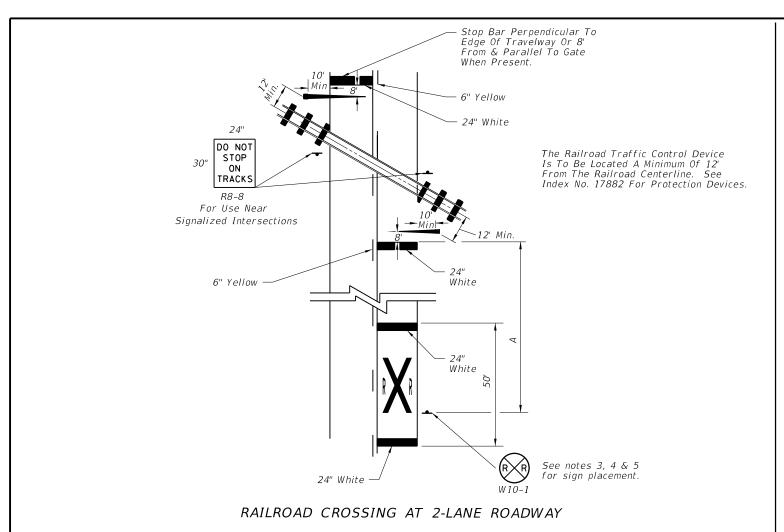


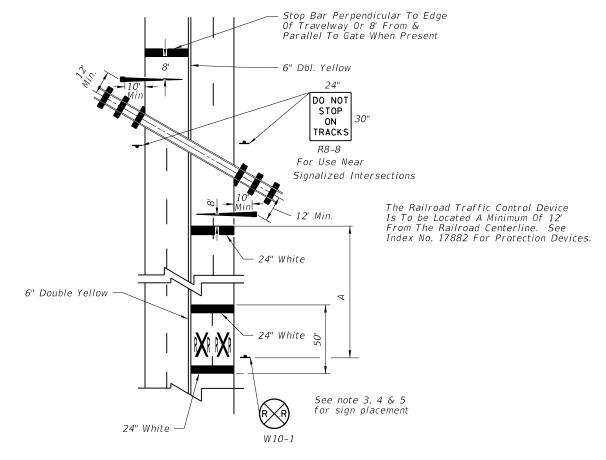
LAST REVISION 07/01/09

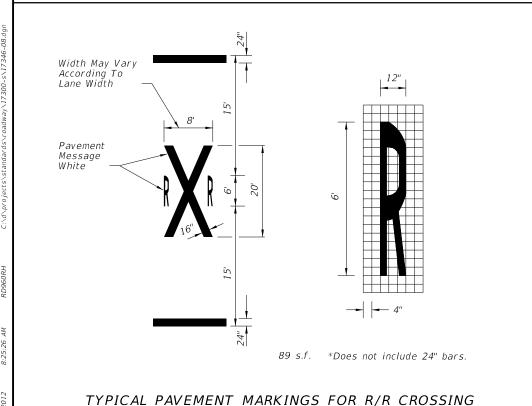
DESCRIPTION:

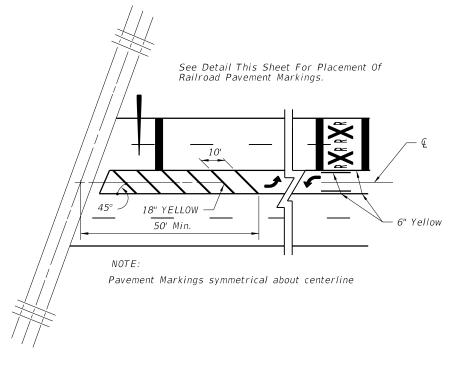












PAVEMENT MARKINGS FOR TERMINATION OF TWO WAY LEFT TURN AT R/R CROSSINGS

RAILROAD CROSSING AT 4-LANE ROADWAY

- 1. When computing pavement messages, quantities do not include
- 2. When dynamic devices are not present or are to be installed, the crossbuck shall be located at the future location of the RR gate or signal and gate in accordance with Index No. 17882.
- 3. Placement of sign W10-1 in a residential or business district, where low speeds are prevalent. The W10-1 sign may be placed a minimum distance of 100' from the crossing. Where street intersections occur between the RR pavement message and the tracks an additional W10-1 sign & additional Pavement message should be used.
- 4. Recommended location for FTP-61-06 or FTP-62-06 sign, 100' urban & 300' rural in advance of the crossing.
- 5. A portion of the pavement marking symbol should be directly opposite the W10-1 sign.

SPEED MPH	" A " IN FT.	
60	400	
55	325	
50	250	
45	175	
40	125	
35	100	
URBAN	85 MIN.	

LAST DESCRIPTION: REVISION

FDOT DESIGN STANDARDS 2013

SPECIAL MARKING AREAS

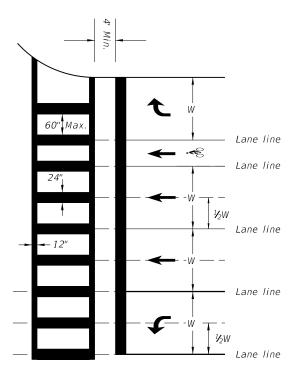
INDEX SHEET NO. NO. 17346 8

01/01/12

#### GENERAL NOTES

- For traffic and pedestrian signal installation, refer to Index No. 17721 through 17890.
- 2. For public sidewalk curb ramps, refer to Index No. 304.
- 3. For pavement marking and sign installation, refer to Indexes 11200 through 17356.
- 4. Crosswalk minimum widths: Intersection Crosswalk 6'. Midblock Crosswalk 10'.
- 5. All crosswalk marking shall be white.
- 6. Longitudinal lines in Special Emphasis Crosswalk shall be 24" wide and spaced to avoid the wheel path of vehicles as shown in detail. The maximum space between markings shall not exceed 60". A longitudinal marking shall be centered at each lane line. Additional longitudinal markings shall be placed at the center of each lane (1/2W).

Where the Crosswalk is skewed to the lane lines, the Special Emphasis longitudal lines should be parallel to the lane line.



SPECIAL EMPHASIS CROSSWALK MARKING DETAIL

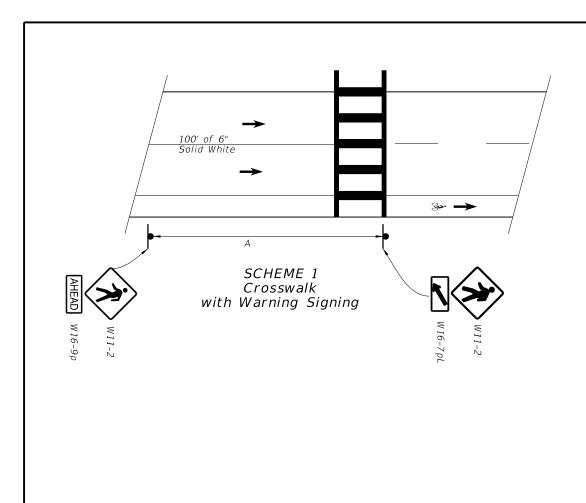
SIGNALIZED OR STOP SIGN CONTROLLED INTERSECTION

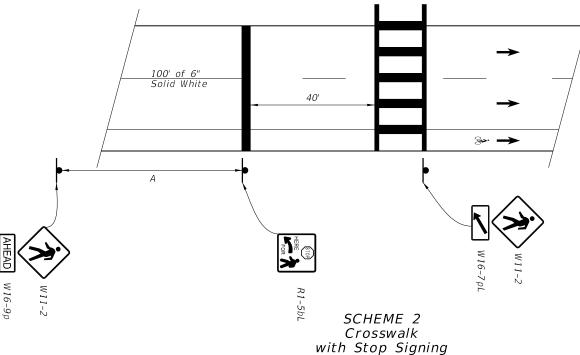
LAST REVISION 07/01/09

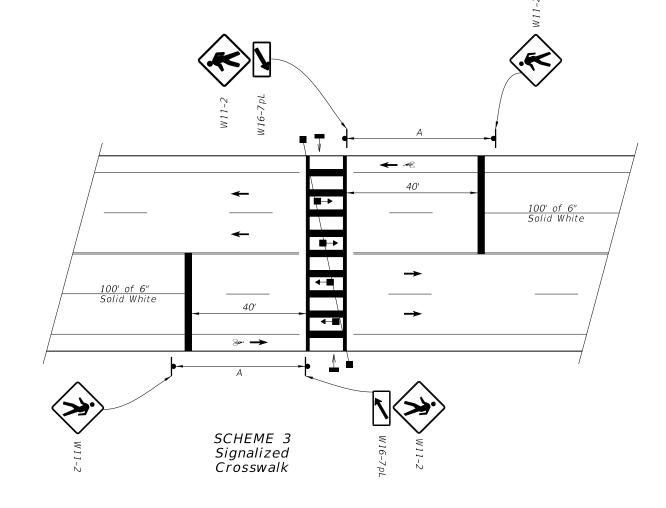
DESCRIPTION:



FDOT DESIGN STANDARDS 2013







APPROACH SPEED MPH	A-SUGGESTED DISTANCE (Ft.)	
25 Or Less	200	
26 To 35	250	
36 To 45	300	

- 1. Plans shall indicate which crosswalk scheme is to be used.
- The details shown do not depict the signing and markings for multi-lane roadways with divided medians. For these applications, additional signs shall be installed on the median side. Minimum width of Mid-Block Crosswalks is 10'.
- All mid-block crosswalks shall use special emphasis crosswalk markings.
- 4. Crosswalk marking should utilize preformed marking materials.

LAST REVISION 01/01/12

DESCRIPTION:

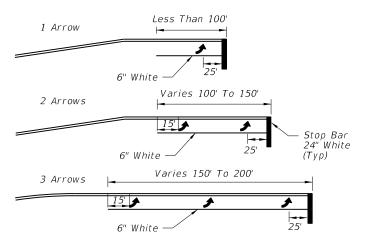
FDOT DESIGN STANDARDS 2013

SPECIAL MARKING AREAS

INDEX NO. 17346

SHEET NO. 10

	TURN LANES • CURBED AND UNCURBED MEDIANS						
		URBAN CONDITIONS		RURAL CONDITIONS			
Design Speed (mph)	Clearance Distance	Brake To Stop Distance	Total Decel. Distance	Clearance Distance	Brake To Stop Distance	Total Decel. Distance	Clearance Distance
	L,	$L_2$	L	L <sub>3</sub>	$L_2$	L	L <sub>3</sub>
35	70'	75'	145'	110'			
40	80'	75'	155'	120'	-		
45	85'	100'	185'	135'			
50	105'	135'	240'	160'	185'	290'	160'
55	125'	— –	— –		225'	350'	195'
60	145'				260'	405'	230'
65	170'				290'	460'	270'

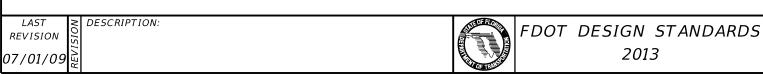


Arrow should be evenly spaced between first and last arrow. Turn lanes longer than 200' add one arrow for each 100' additional length.

#### ARROW SPACING

## NOTES:

- 1. The "Begin Lane Line" locations are based on the standard lengths shown in Design Standard 301. These locations must be adjusted on a case by case basis for turn lanes not meeting the standard
- Yellow left turn edge marking may be used adjacent to raised curb or grass medians if lane use is not readily apparent to drivers approaching a left turn storage lane.
- 3. Refer to Design Standard Index 301 for Roadway Details.
- 4. This Index also applies to right turn lanes.



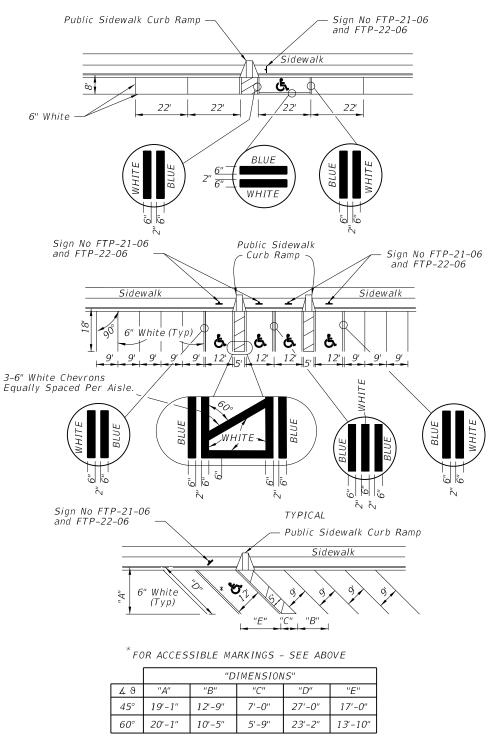
2013

SPECIAL MARKING AREAS

INDEX NO. 17346

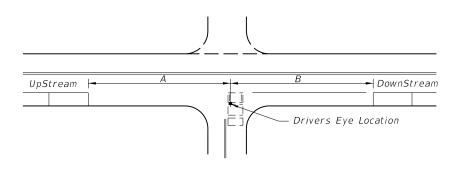






- 1. Dimensions are to the centerline of markings.
  - An Access Aisle is required for each accessible space when angle parking is used.
  - Criteria for pavement markings only, not public sidewalk curb ramp locations. For ramp locations refer to plans.
  - Blue pavement markings shall be tinted to match shade 15180 of Federal
  - 5. The FTP-22-06 panal shall be mounted below the FTP-21-06 sign.

# PAVEMENT MARKING FOR PUBLIC SIDEWALK CURB RAMPS IN REST AREAS

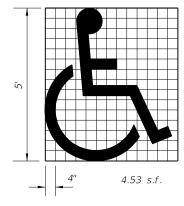


SPEED	UP STREAM (A)	DOWN STREAM (B)	
MPH	OF STREAM (A)	2 LANE	4 LANE
0-30	85'	60'	45'
35	100'	70'	50'

#### NOTES

- 1. Distances measured longitudinally along the street from driver location of entering vehicle to end of parking restriction.
- 2. Distances applicable to intersecting street, major driveways and other driveways to the extent practical.
- 3. For nonsignalized intersections, the values above shall be compared with the values for signalized intersections and the maximum restrictions implemented. These restrictions apply to both accessible and nonaccessible parking.

## MINIMUM PARKING RESTRICTION FOR NONSIGNALIZED INTERSECTIONS



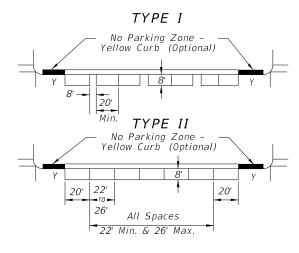


b Use of pavement symbol in accessible parking spaces is optional, when used the symbol shall be 3' or 5' high and white in color.

UNIVERSAL SYMBOL OF ACCESSIBILITY

# GENERAL NOTES (Signalized & Nonsignalized)

- 1. For entrances to a one-way street, the downstream restriction may be reduced to 20'
- 2. Parking shall not be allowed within 20' of a crosswalk.
- 3. All parking lane markings shall be 6" white.
- 4. Parking lane lines shall be broken at driveways.
- 5. Refer to Chapter 316, Fla. Statutes, for laws governing parking spaces.
- 6. Where curb and gutter is used, the gutter pan width may be included as part of the minimum width of parking lane, but desirably the lane width should be in addition to that of the gutter pan.





SPEED LIMIT MPH	SIGNALIZED INTERSECTIONS	
0-30	30'	DISTANCE FROM CURB RADIUS (Y)
35	50'	

PARKING RESTRICTION (FT.) FOR SIGNALIZED INTERSECTION

#### NOTES:

- 1. Parking restrictions measured from curb radius point.
- 2. Restrictions for accessible parking are the same as those applied to nonsignalized intersections.

MINIMUM PARKING RESTRICTION FOR SIGNALIZED INTERSECTION

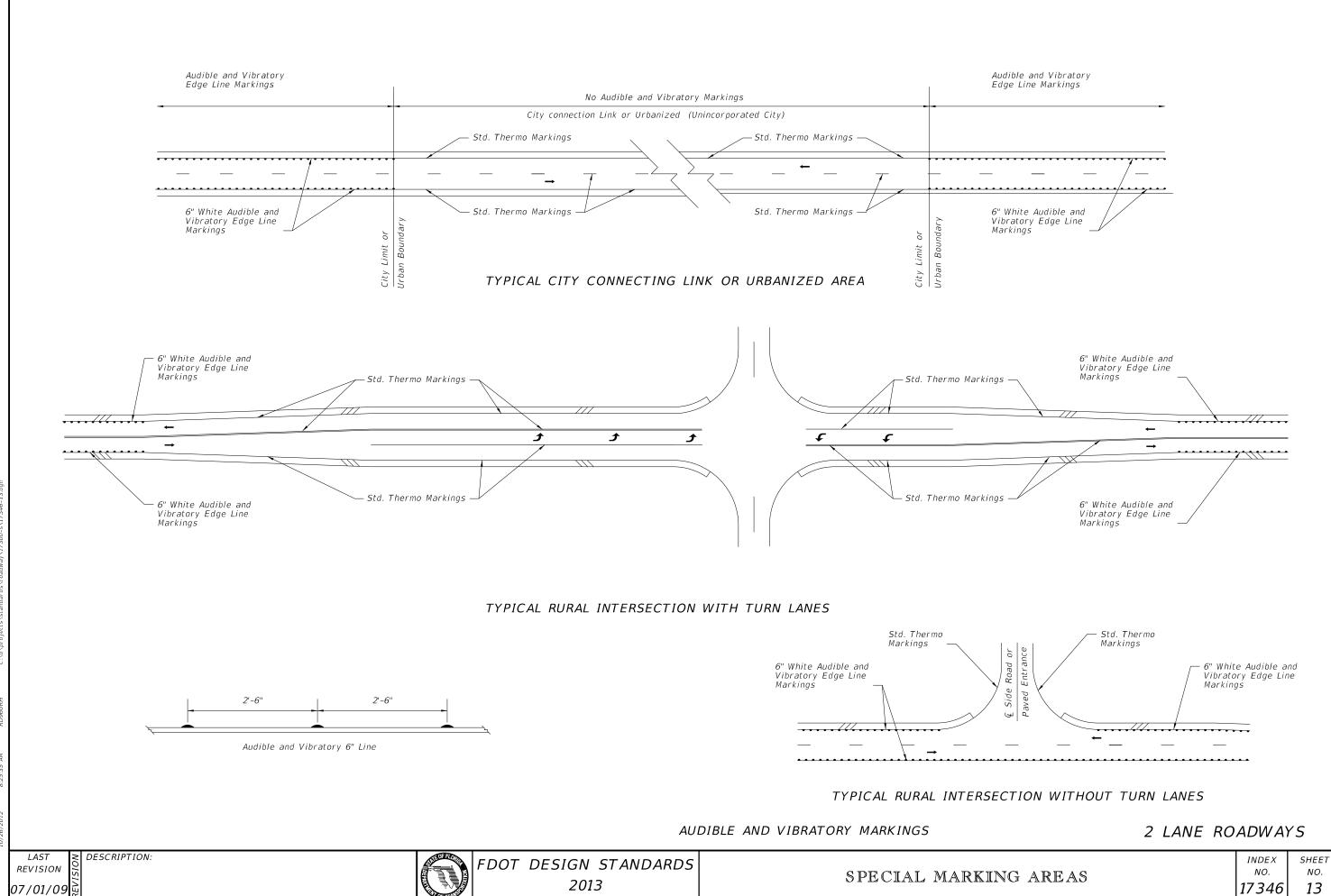
LAST REVISION 07/01/09

DESCRIPTION:



FDOT DESIGN STANDARDS 2013

SHEET INDEX NO. NO. 17346 12



REVISION

07/01/10

- The Contractor Shall Adjust The Maintenance Of Traffic During Installation To Provide Sufficient Time For The Markings To Bear Traffic.
- 2. The Height Of The Transverse Bar For Markings Shall Be A Minimum Of 0.45 Inches Above The Pavement Surface At The Edge Of The Marking.
- Transverse Bars Shall Be Evenly Space In The Marking At Intervals Of 30 Inches Center
- The Transverse Bar May Have A Drainage Channel On Each Bar. The Width Of The Drainage Channel May Not Exceed 0.25 Inches At The Bottom Of The Channel.
- 5. Audible And Vibratory Markings Shall Only Be Installed On Centerline Markings Of Two Lane Roads When Shown In The Plans.
- 6. When Raised Pavement Markers Conflict With The Installation Of The Centerline Markings, The Contractor Shall Be Responsible For Removing And Replaceing The Raised Pavement Markings. The Additional Expenses Associated With The Raised Pavement Markings Shall Be Included In The Cost Of The Marking.
- Grinding Is An Acceptable Method Of Removal Of The Existing Markings Where Markings Are Installed As Replacement Markings.

SPECIAL MARKING AREAS

The Specifications Allow The Audible Markings To Utilize A Flat Base Line Or An Inverted Rib Profile Base Line.

INDEX

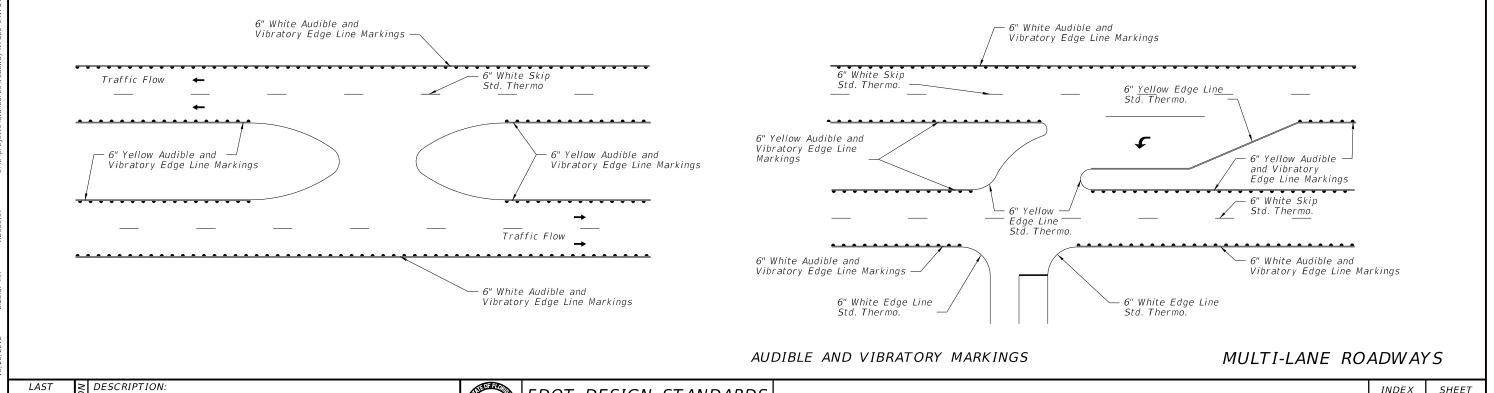
NO.

17346

SHEET

NO.

14



FDOT DESIGN STANDARDS

2013