

REVISION 07/01/13

DESIGN STANDARDS

SPECIAL MARKING AREAS

INDEX NO. 17346

10' Black Contrast

10'

10'

22 s.f.

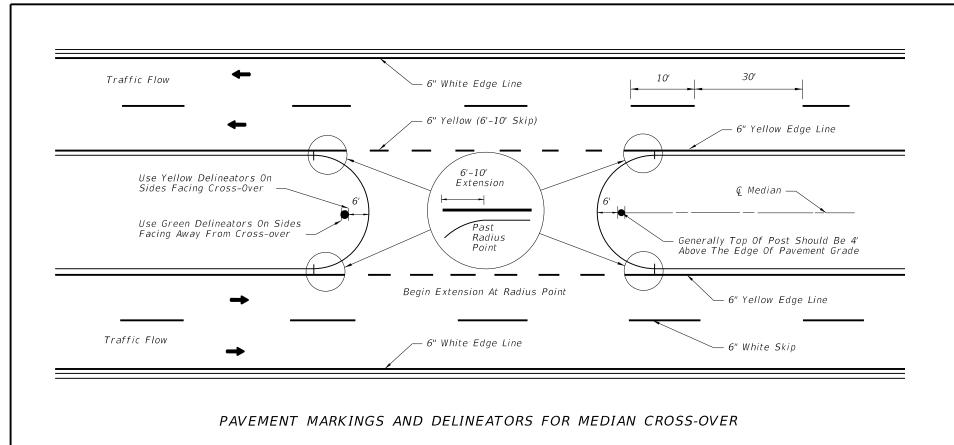
20 s.f. 4"

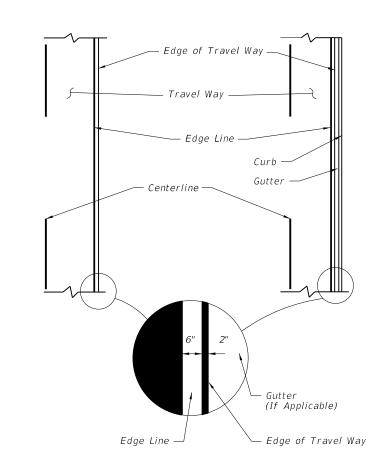
Preferential Lane

Symbol

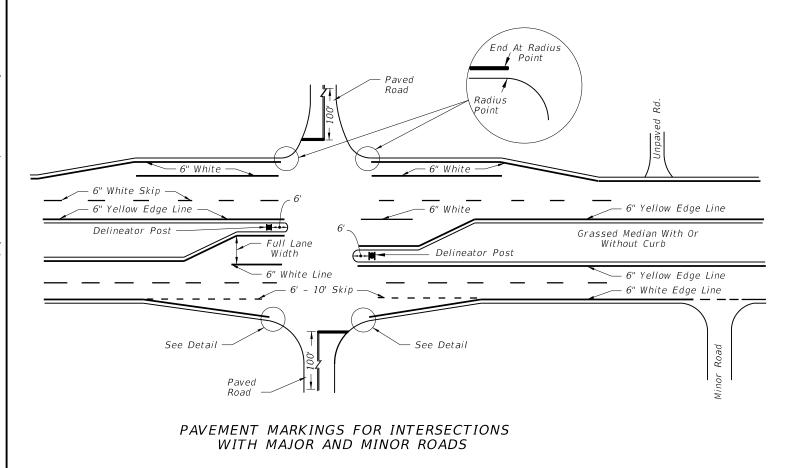
11 s.f.

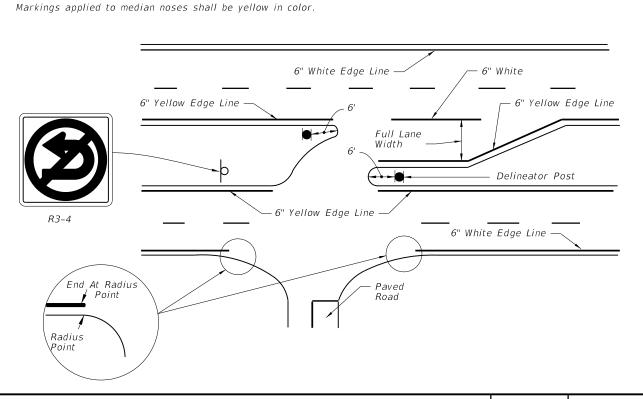
SHEET NO. 1 of 14





PLACEMENT OF EDGE LINES





LAST REVISION 01/01/10

≥ DESCRIPTION:

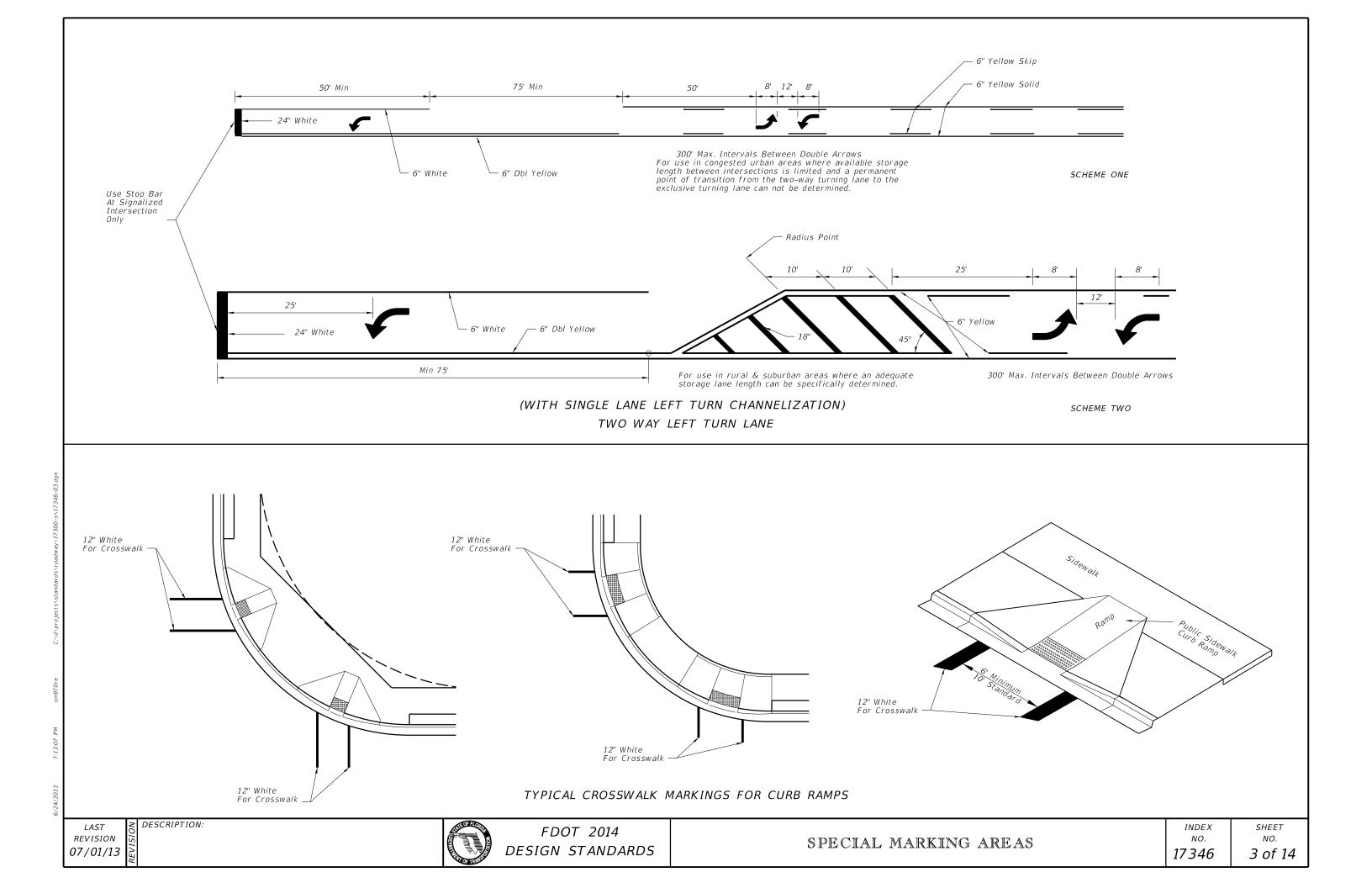
FDOT 2014 DESIGN STANDARDS

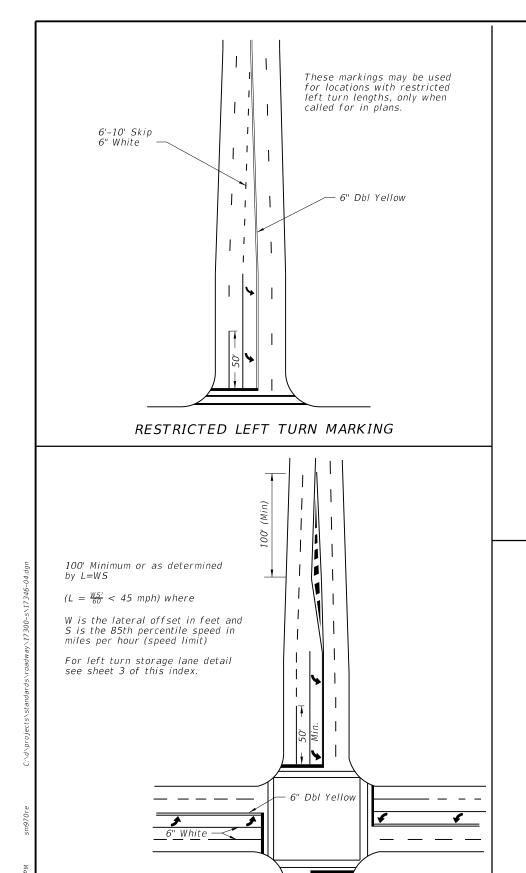
SPECIAL MARKING AREAS

NOTE:

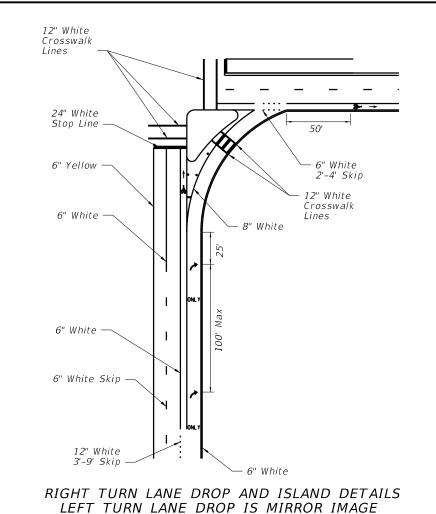
INDEX NO. 17346 2

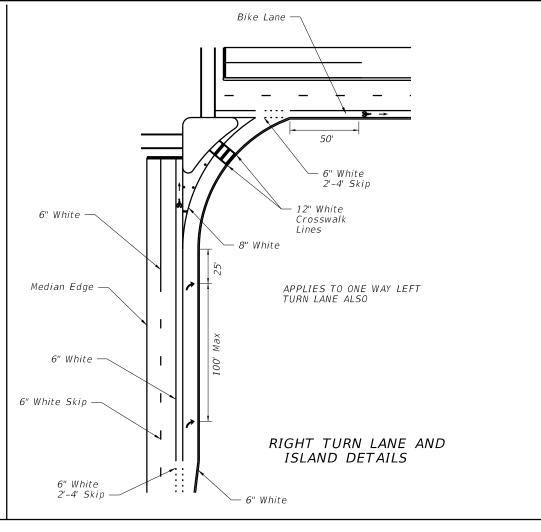
SHEET NO. 2 of 14

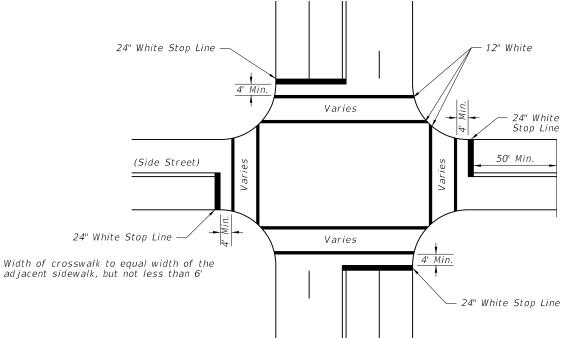












- 1. When public sidewalk curb ramps are present, refer Index No. 17344 and Index No. 304 for crosswalk
- 2. Double yellow longitudinal center lines on all roadway approaches shall be extended back 100' for projects involving intersection improvements only.
- 3. When specified, "stop" message shall be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

STOP BARS, CROSSWALKS AND DOUBLE CENTER LINE DETAILS

≥ DESCRIPTION: LAST REVISION

01/01/13

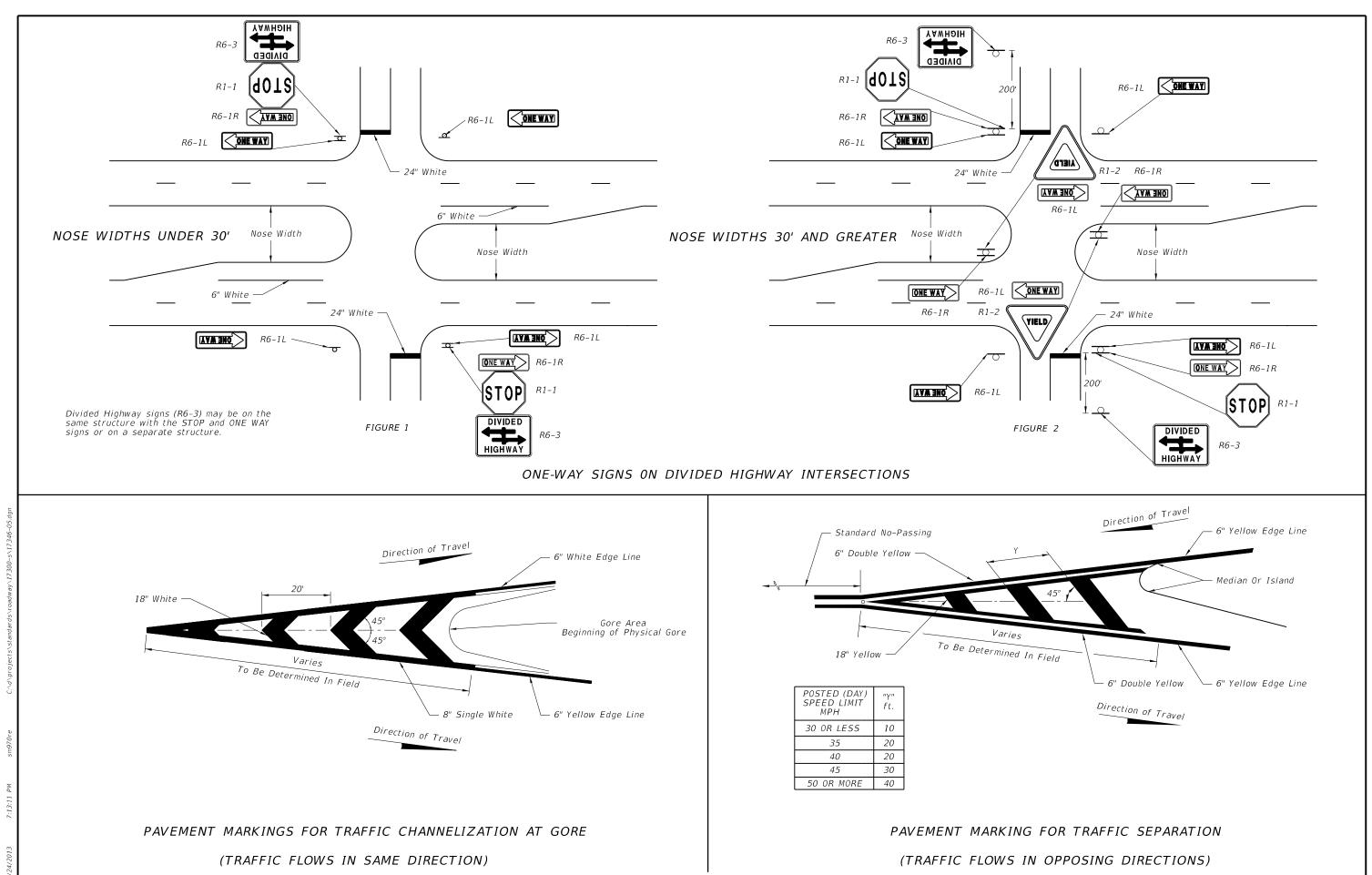
R2013-02--Removed Chevrons from Raised Islands.



FDOT 2014 DESIGN STANDARDS

INDEX NO. 17346

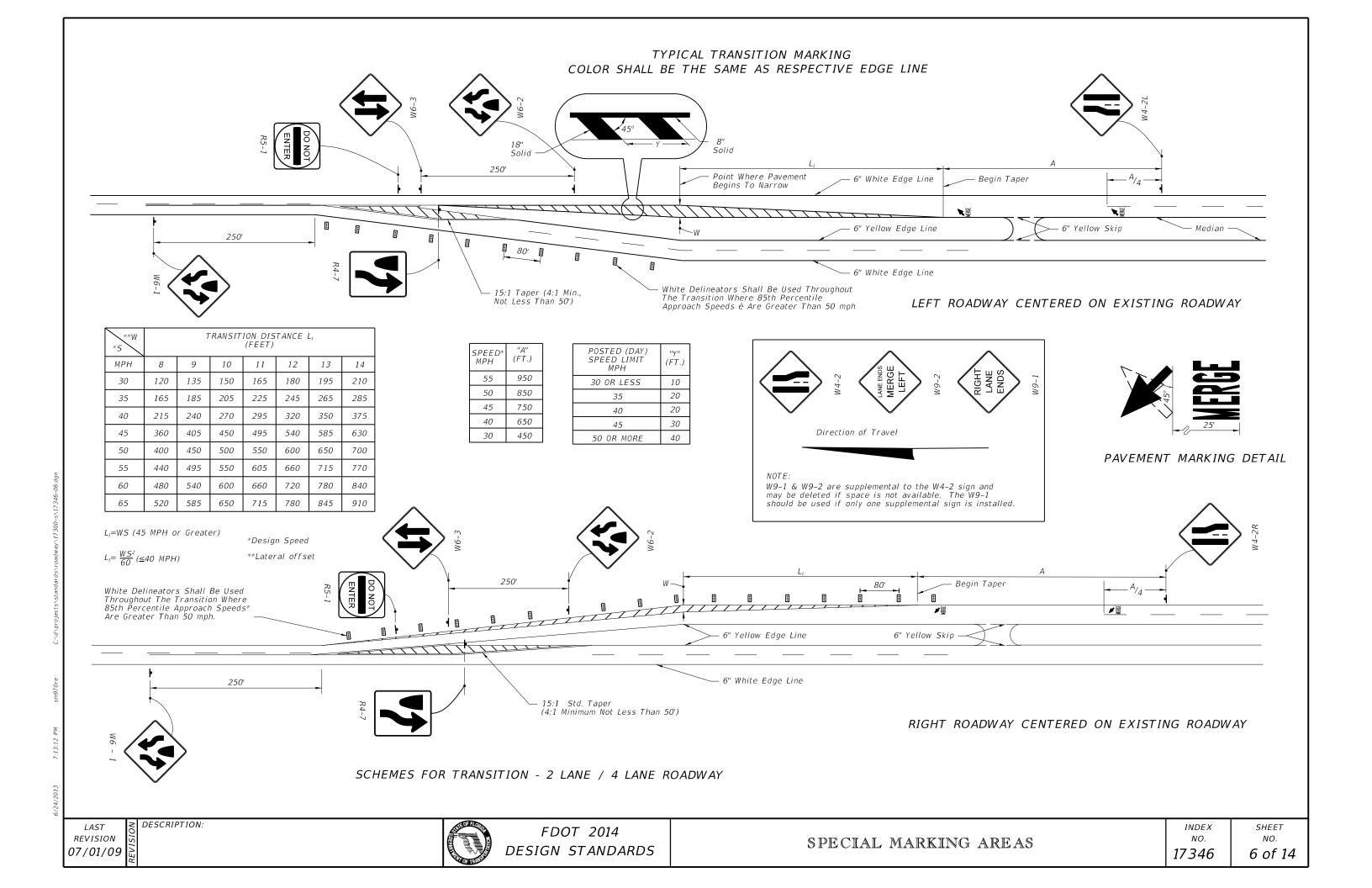
SHEET NO.

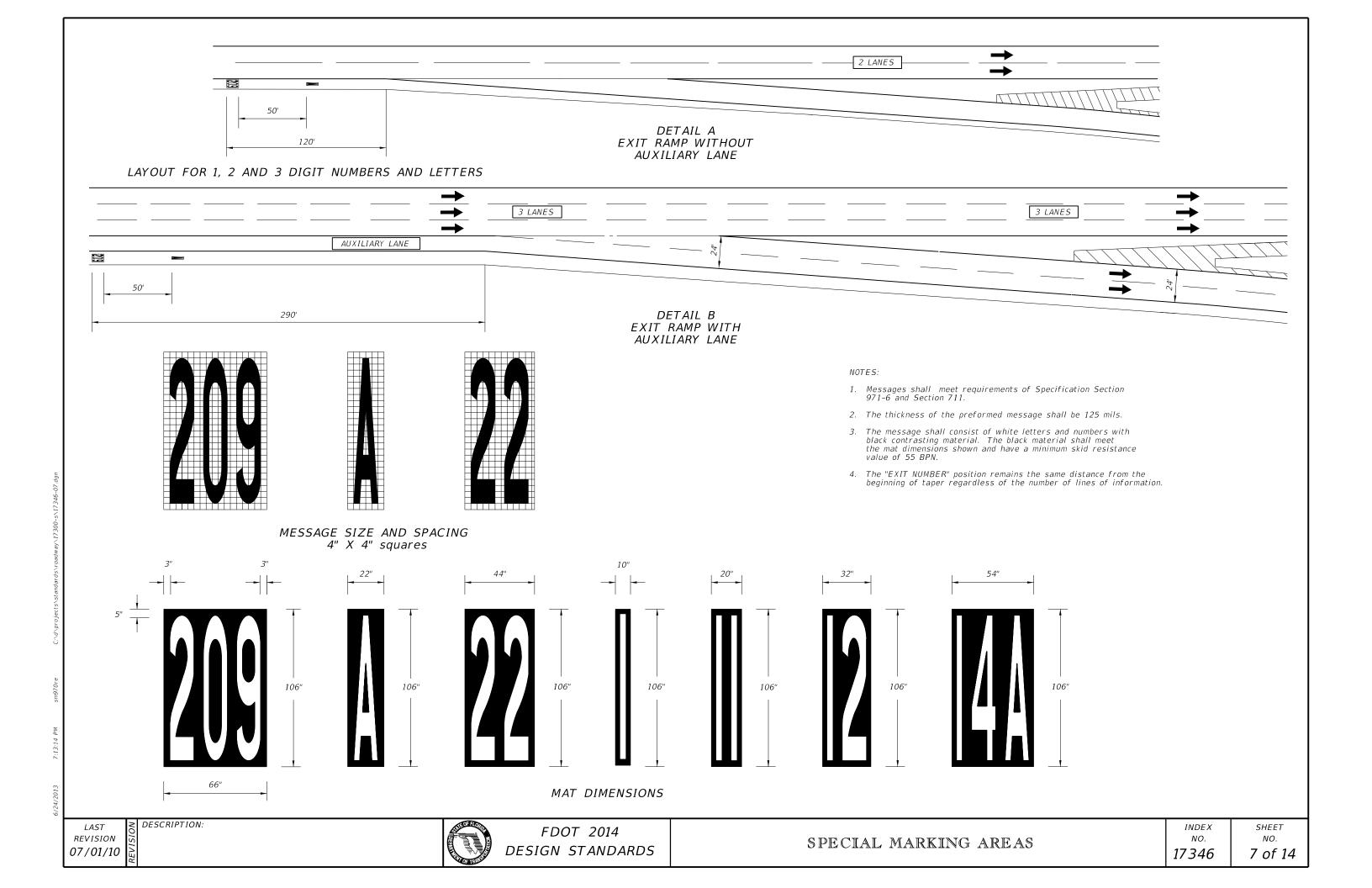


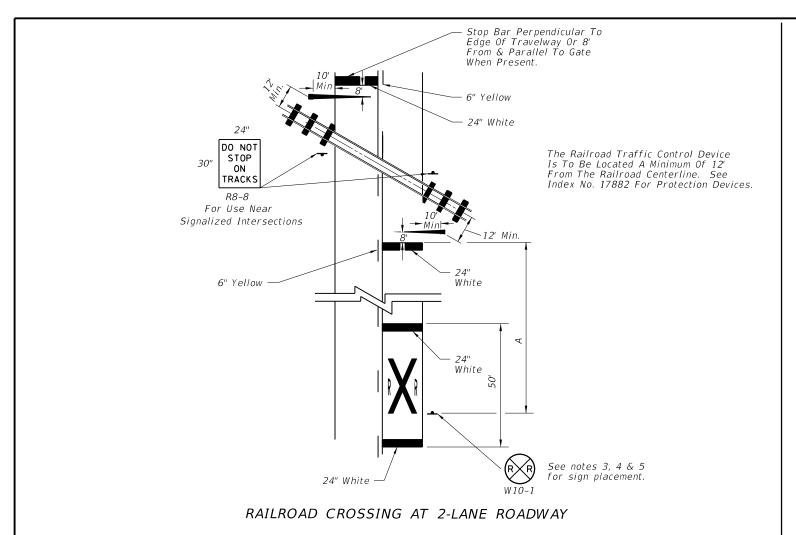
LAST REVISION 07/01/13

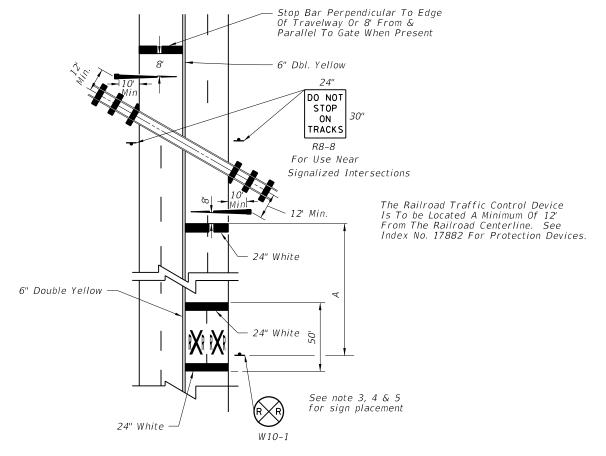
≥ DESCRIPTION:



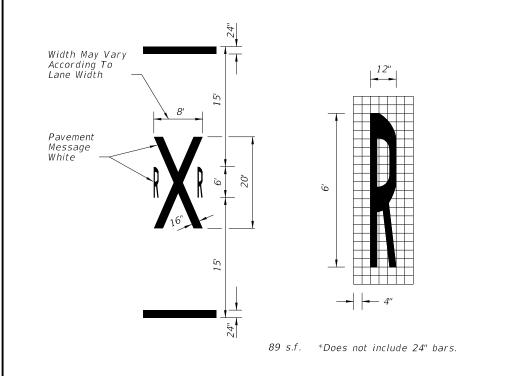




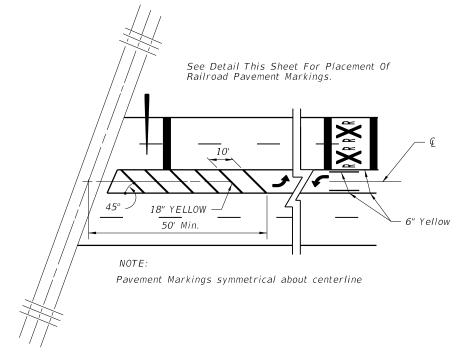




RAILROAD CROSSING AT 4-LANE ROADWAY



TYPICAL PAVEMENT MARKINGS FOR R/R CROSSING



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

- 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.
- Recommended location for FTP-61-06 or FTP-62-06 sign, 100' urban & 300' rural in advance of the crossing.
- A portion of the pavement marking symbol should be directly opposite

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

≥ DESCRIPTION: REVISION

FDOT 2014 DESIGN STANDARDS

SPECIAL MARKING AREAS

INDEX NO. 17346

SHEET NO. 8 of 14

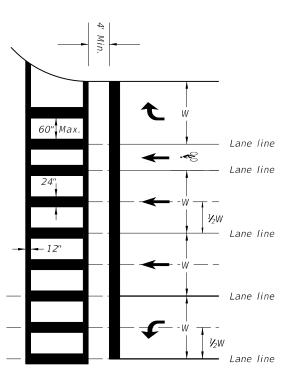
LAST

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

≥ DESCRIPTION: LAST REVISION 07/01/09

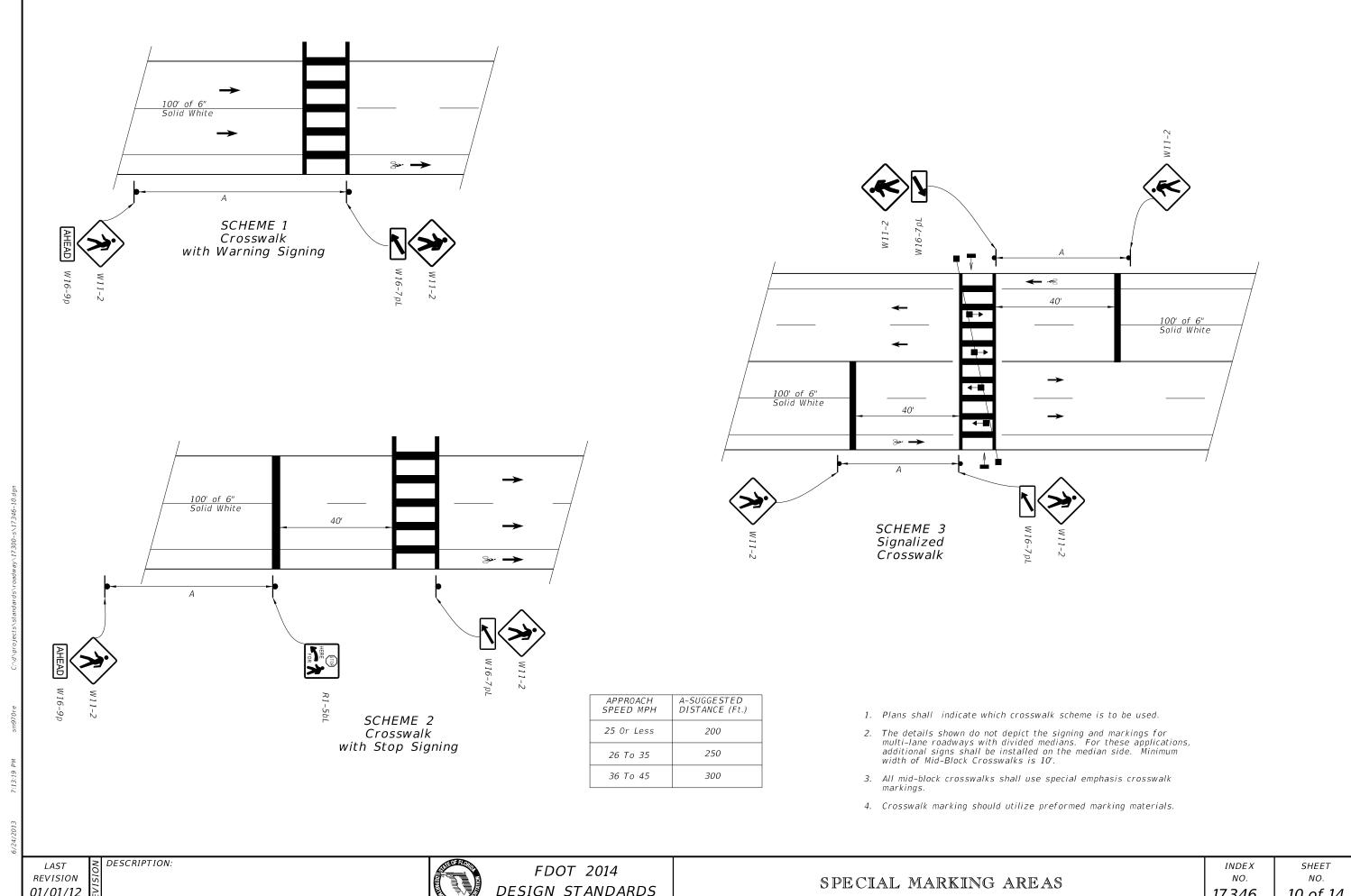


FDOT 2014 DESIGN STANDARDS

SPECIAL MARKING AREAS

INDEX NO. 17346

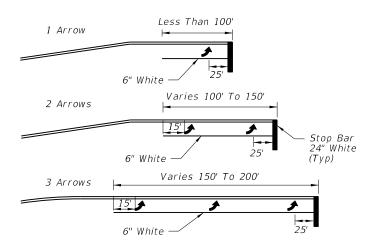
SHEET NO. 9 of 14



01/01/12

DESIGN STANDARDS

	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_{i}	L_2	L	L ₃	L_2	L	Lз
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 lengths
- 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.





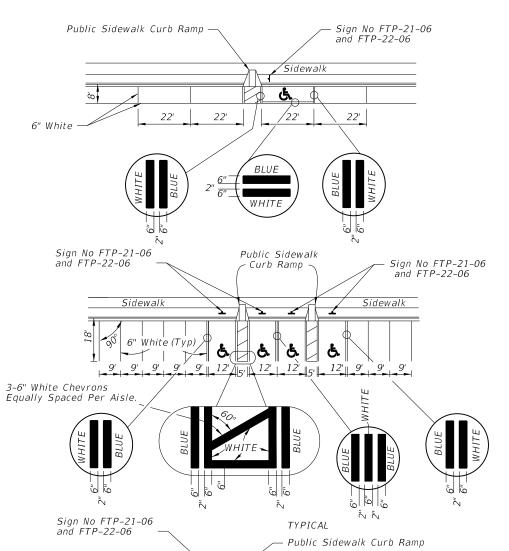








≥ DESCRIPTION:



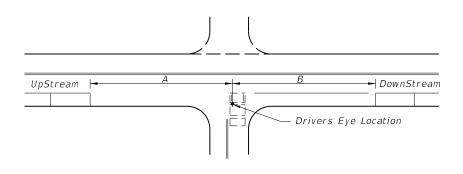
-		Sidewalk
." <i>Y</i> .	6" White (Typ)	"E" "C" "B"

st FOR ACCESSIBLE MARKINGS - SEE ABOVE

	"DIMENSIONS"				
4 θ	"A"	"B"	"C"	"D"	"E"
45°	19'-1"	12'-9"	7'-0"	27'-0"	17'-0"
60°	20'-1"	10'-5"	5'-9"	23'-2"	13'-10"

- NOTES: 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.
 - 4. Blue pavement markings shall be tinted to match shade 15180 of Federal Standards 595a.
 - 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

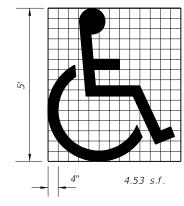


SPEED	UP STREAM (A)	DOWN STREAM (B)		
MPH		2 LANE	4 LANE	
0-30	85'	60'	45'	
35	100'	70'	50'	

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



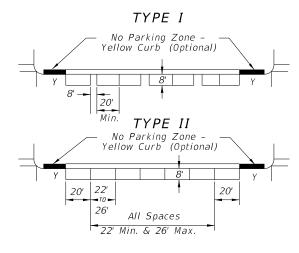


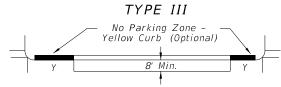
Use of pavement symbol in accessible parking spaces is optional, when used the symbol shall be 3' or 5' high and white in color.

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.





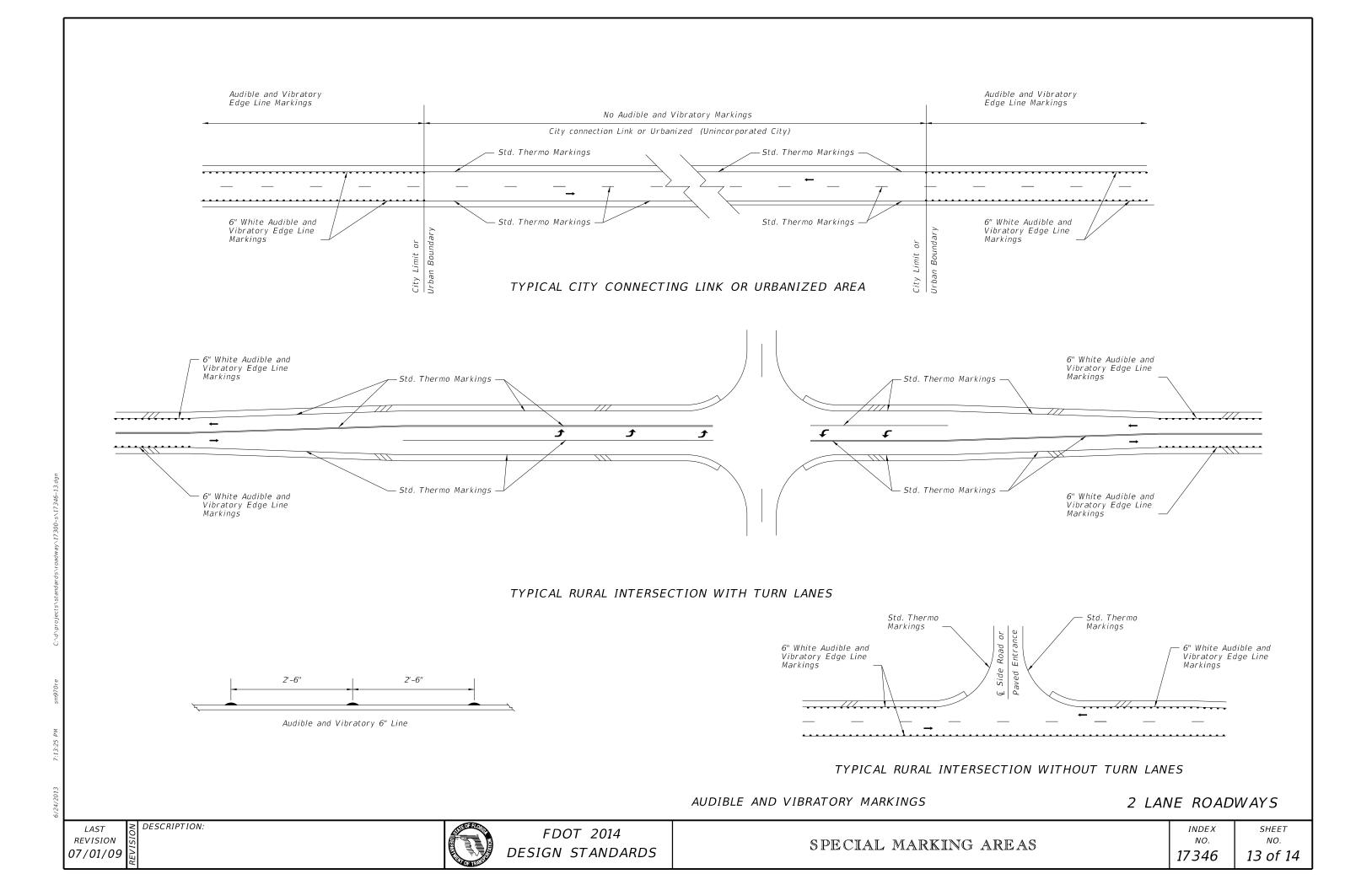
SPEED LIMIT MPH	SIGNALIZED INTERSECTIONS	
0-30	30'	DISTANCE FROM CURB RADIUS (Y)
35	50'	

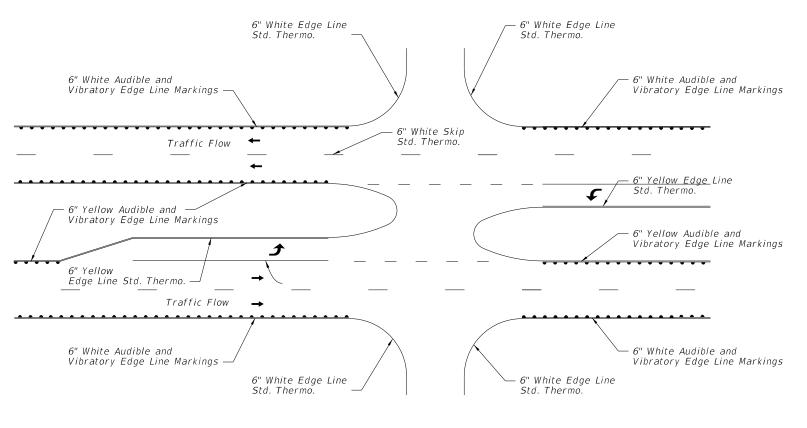
PARKING RESTRICTION (FT.) FOR SIGNALIZED INTERSECTION

NOTES:

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

MINIMUM PARKING RESTRICTION FOR SIGNALIZED INTERSECTION





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.
- 3. Transverse Bars Shall Be Evenly Space In The Marking At Intervals Of 30 Inches Center To Center.
- 4. 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.
- 7. Grinding Is An Acceptable Method Of Removal Of The Existing Markings Where Markings Are Installed As Replacement Markings.

SPECIAL MARKING AREAS

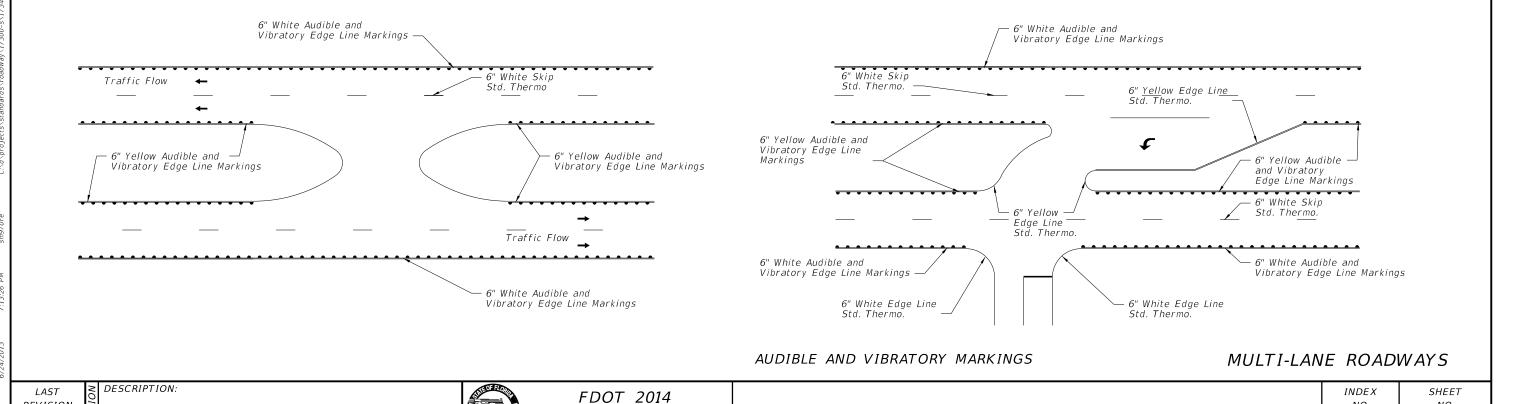
8. The Specifications Allow The Audible Markings To Utilize A Flat Base Line Or An Inverted Rib Profile Base Line.

NO.

17346

NO.

14 of 14



DESIGN STANDARDS