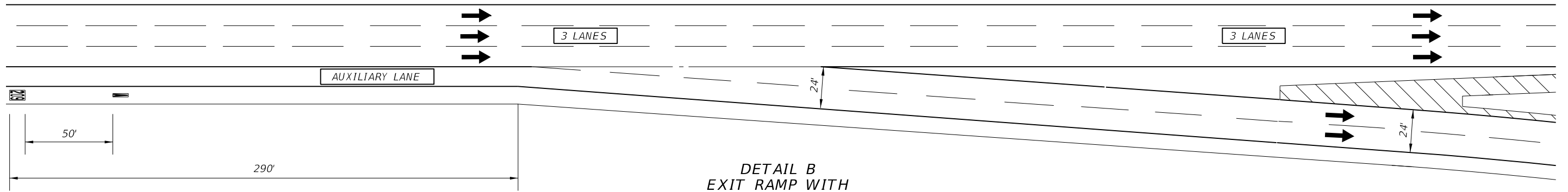
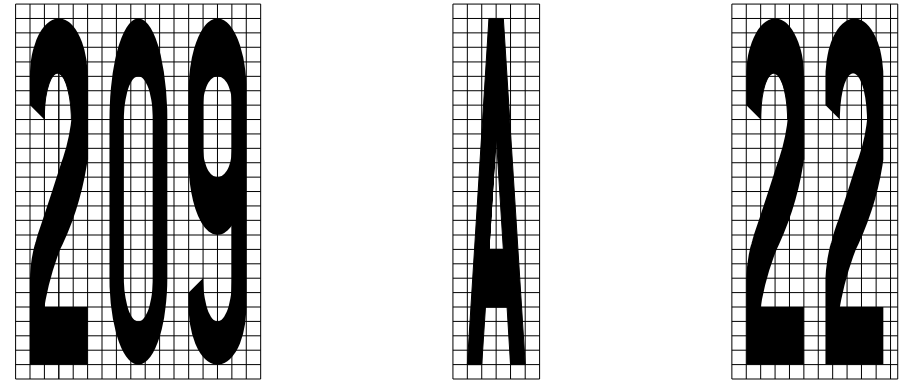


DETAIL A
EXIT RAMP WITHOUT
AUXILIARY LANE

LAYOUT FOR 1, 2 AND 3 DIGIT NUMBERS AND LETTERS



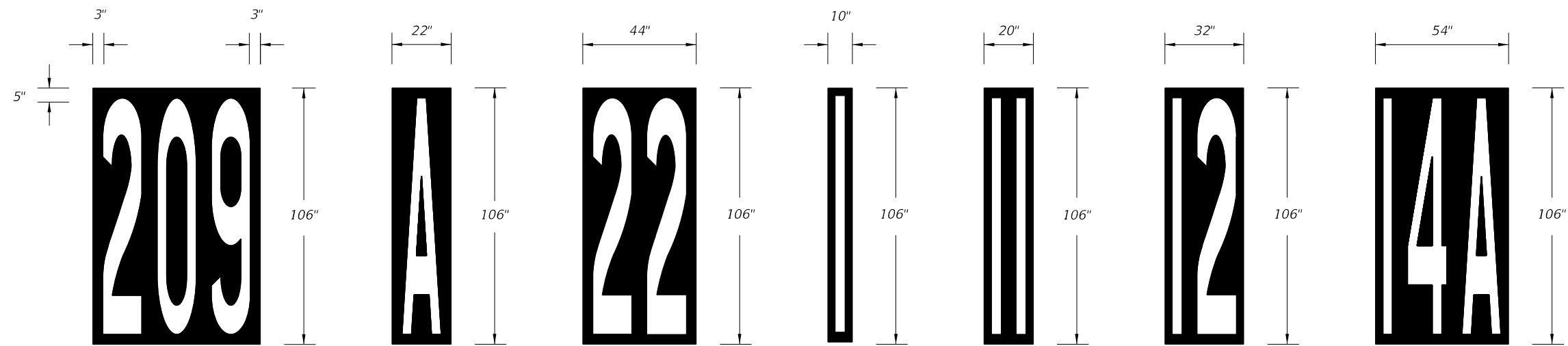
DETAIL B
EXIT RAMP WITH
AUXILIARY LANE



MESSAGE SIZE AND SPACING
4" X 4" squares

NOTES:

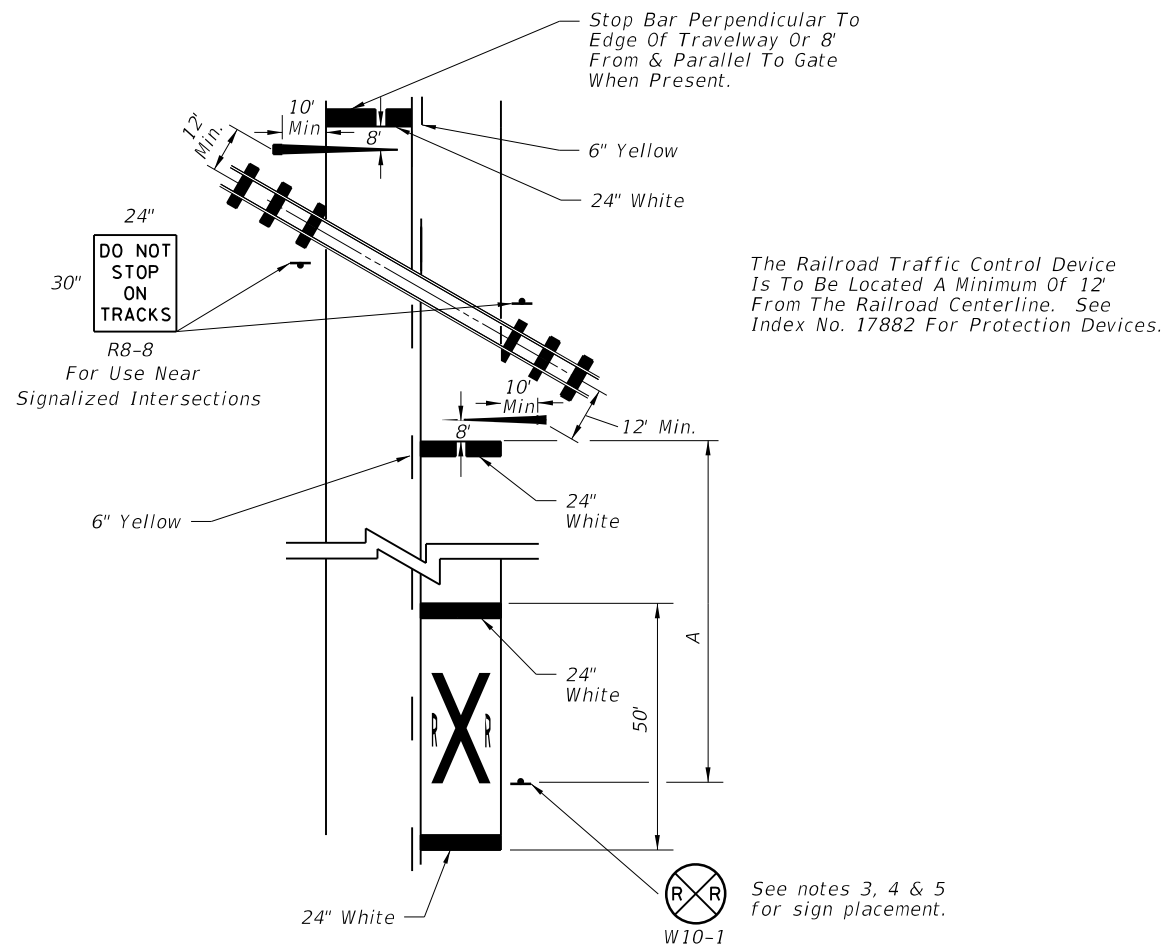
1. Messages shall meet requirements of Specification Section 971-6 and Section 711.
2. The thickness of the preformed message shall be 125 mils.
3. The message shall consist of white letters and numbers with black contrasting material. The black material shall meet the mat dimensions shown and have a minimum skid resistance value of 55 BPN.
4. The "EXIT NUMBER" position remains the same distance from the beginning of taper regardless of the number of lines of information.



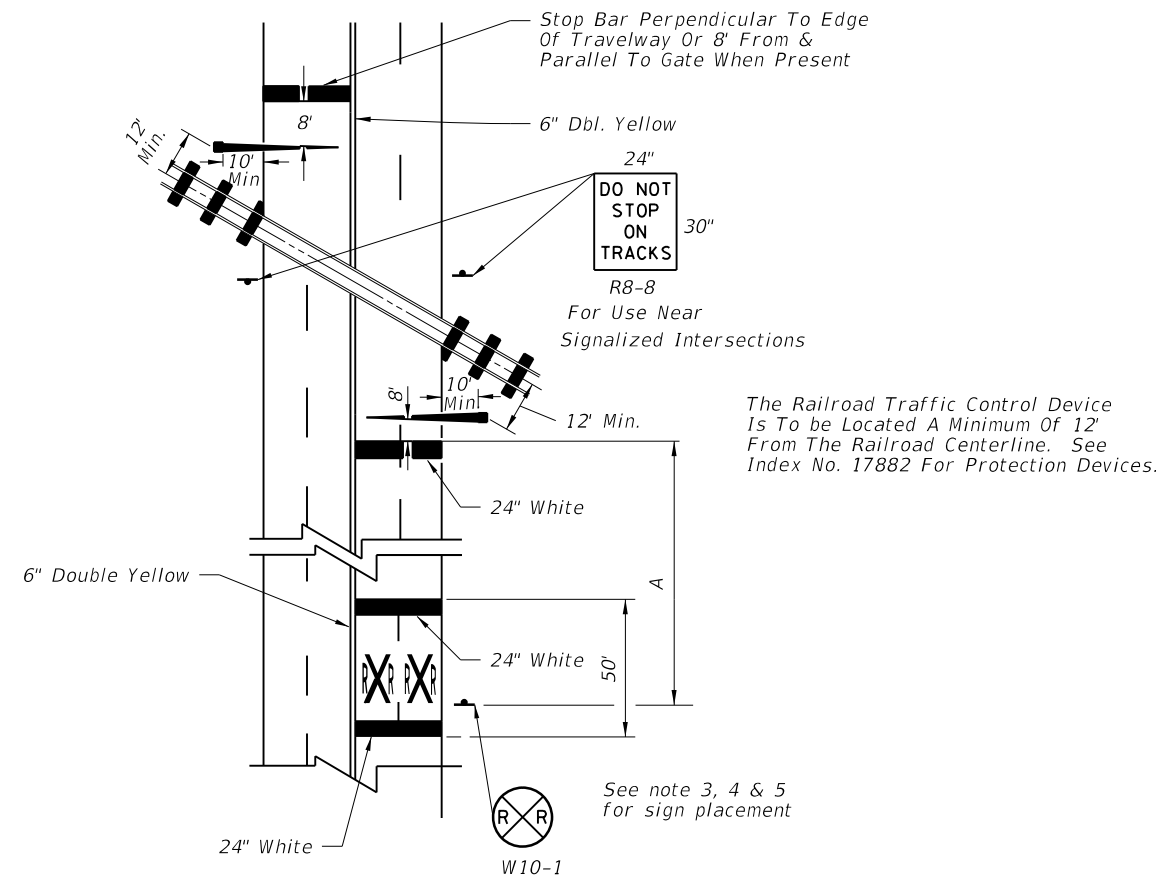
MAT DIMENSIONS

6/28/2012 12:11:25 PM rd9607h C:\projects\standards\roadway\17300-s\17346-07.dgn

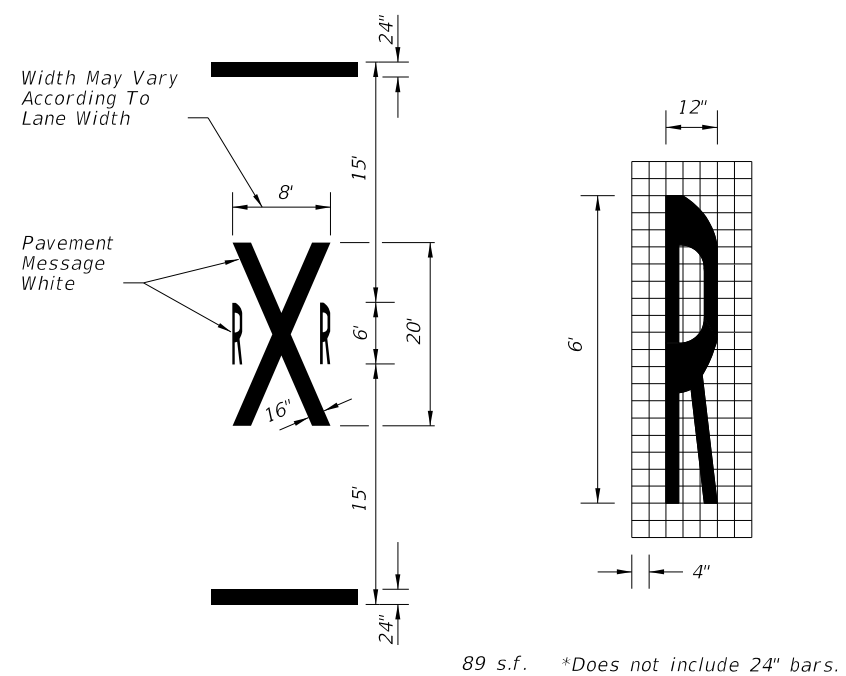
LAST REVISION 07/01/10	REVISION	DESCRIPTION:	 FDOT DESIGN STANDARDS 2013	SPECIAL MARKING AREAS	INDEX NO. 17346	SHEET NO. 7
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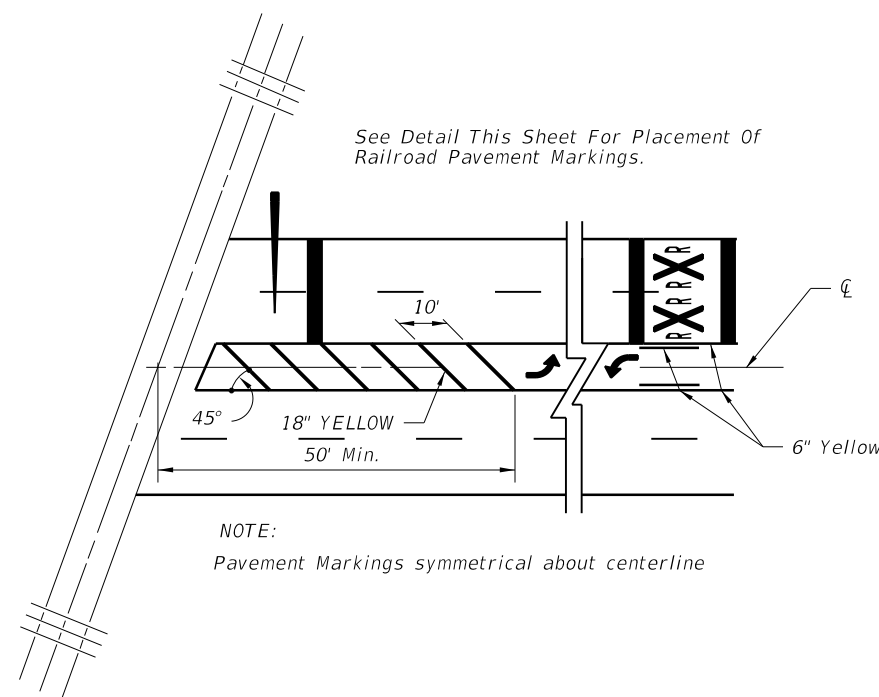
RAILROAD CROSSING AT 2-LANE ROADWAY



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

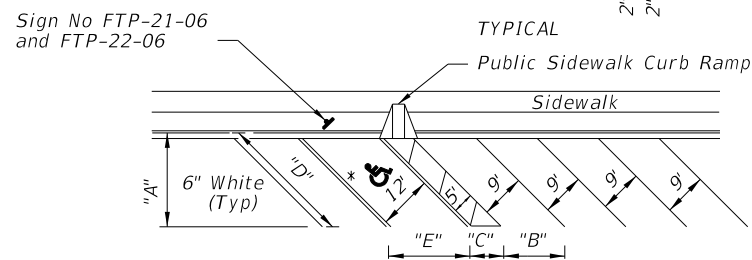
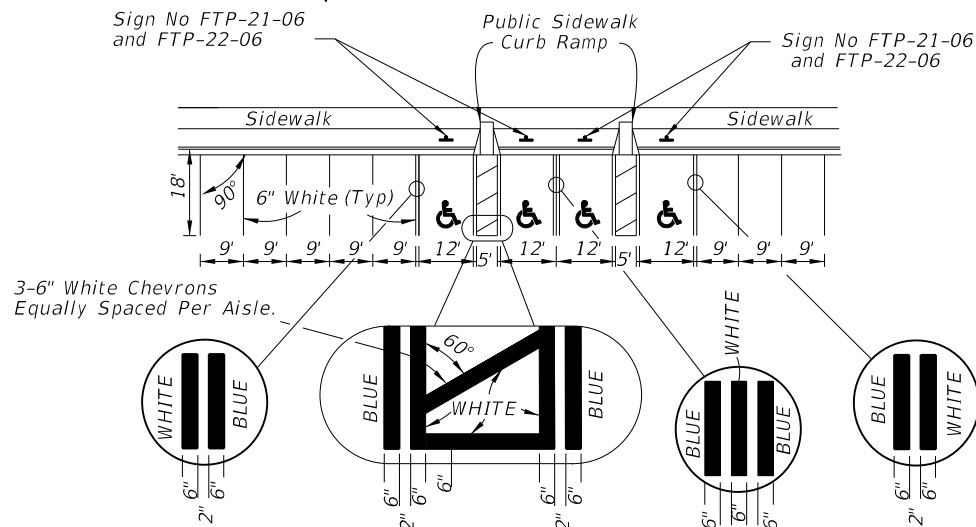
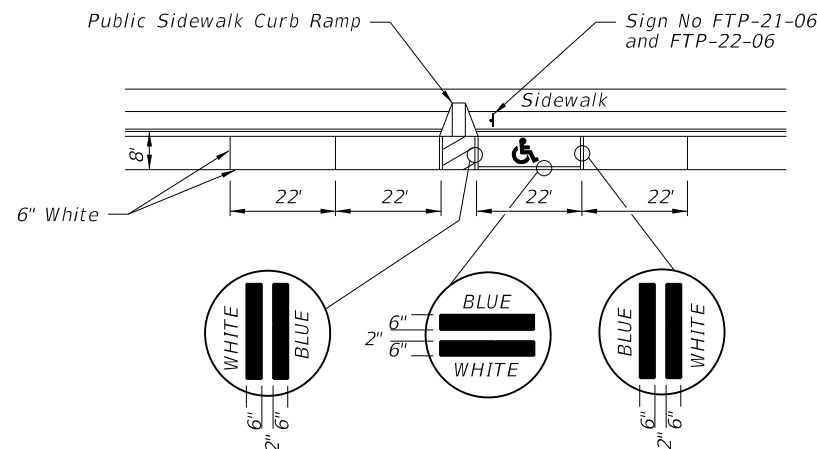
NOTES:

1. When computing pavement messages, quantities do not include transverse lines.
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.

6/28/2012 12:11:27 PM rd9607h C:\projects\standards\roadway\17300-s\17346-08.dgn

6/28/2012 12:11:36 PM r09607h C:\projects\standards\roadway\17300-s\17346-12.dgn

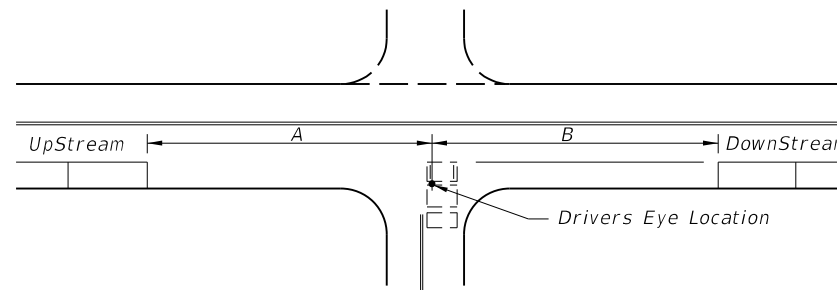


* FOR ACCESSIBLE MARKINGS - SEE ABOVE

"DIMENSIONS"					
∠ 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:
- 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 Standards 595a.
 - The FTP-22-06 panel shall be mounted below the FTP-21-06 sign.

PAVEMENT MARKING FOR PUBLIC SIDEWALK CURB RAMPS IN REST AREAS

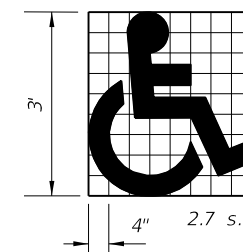
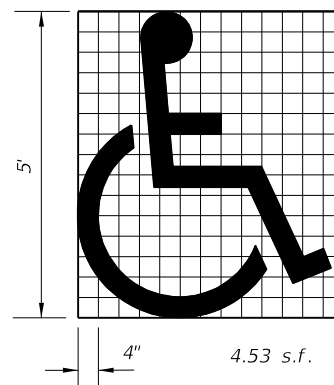


SPEED MPH	UP STREAM (A)	DOWN STREAM (B)	
		2 LANE	4 LANE
0-30	85'	60'	45'
35	100'	70'	50'

NOTES

- Distances measured longitudinally along the street from driver location of entering vehicle to end of parking restriction.
- Distances applicable to intersecting street, major driveways and other driveways to the extent practical.
- 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

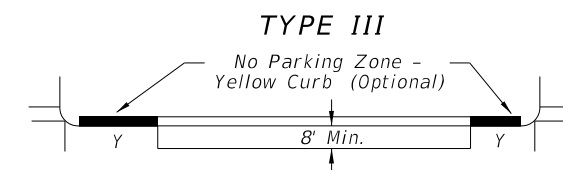
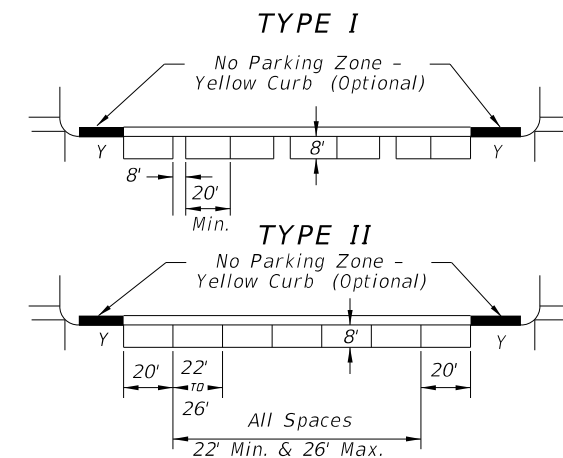


Use of pavement symbol in accessible parking spaces is optional, when used the symbol shall be 3' or 5' high and white in color.

UNIVERSAL SYMBOL OF ACCESSIBILITY

GENERAL NOTES (Signalized & Nonsignalized)

- For entrances to a one-way street, the downstream restriction may be reduced to 20'.
- Parking shall not be allowed within 20' of a crosswalk.
- All parking lane markings shall be 6" white.
- Parking lane lines shall be broken at driveways.
- Refer to Chapter 316, Fla. Statutes, for laws governing parking spaces.
- 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'
35	50'

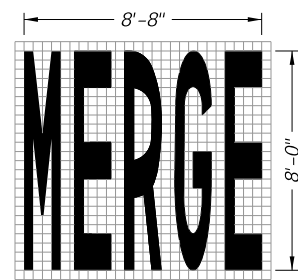
DISTANCE FROM CURB RADIUS (Y)

PARKING RESTRICTION (FT.) FOR SIGNALIZED INTERSECTION

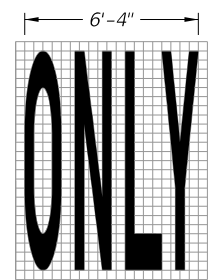
NOTES:

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

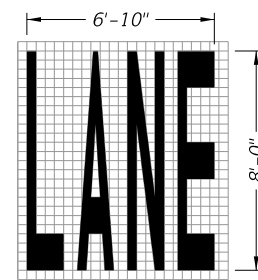
MINIMUM PARKING RESTRICTION FOR SIGNALIZED INTERSECTION



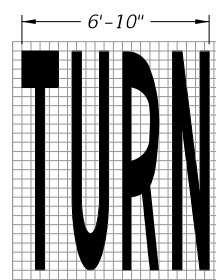
34 S.F.



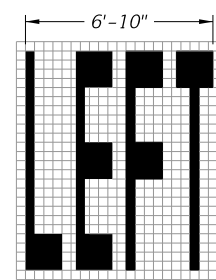
22 S.F.



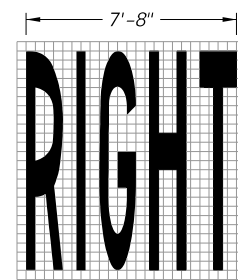
23 S.F.



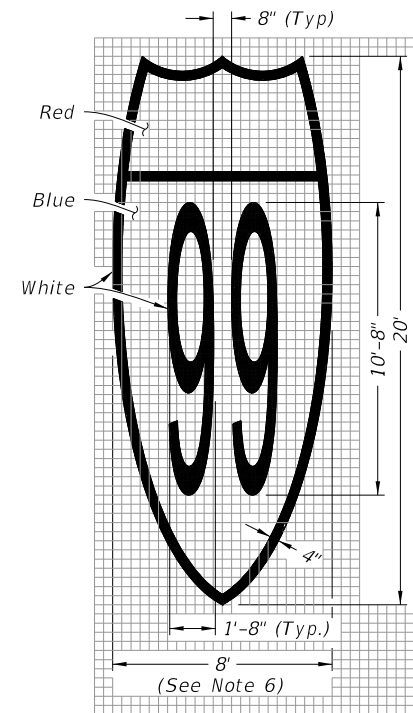
24 S.F.



20 S.F.

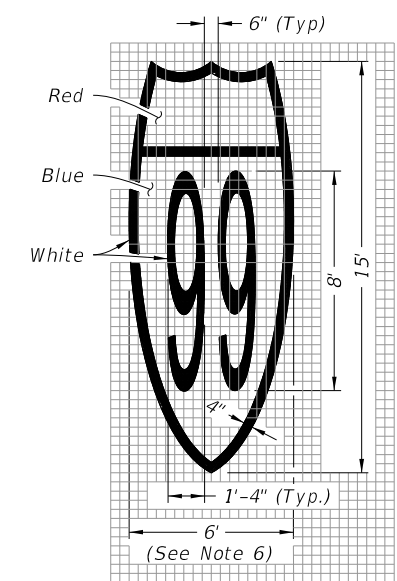


26 S.F.



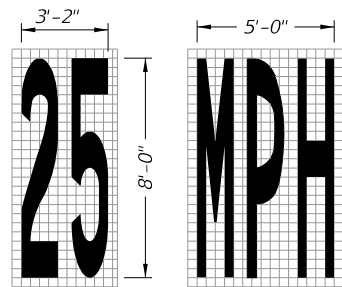
Route Shield for Limited Access Roadways (Interstate Route Shield Shown; U.S. and State Route Shield Similar)

128 S.F.

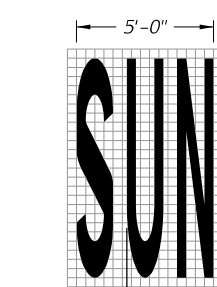


Route Shield for Arterials and Collectors (Interstate Route Shield Shown; U.S. and State Route Shield Similar)

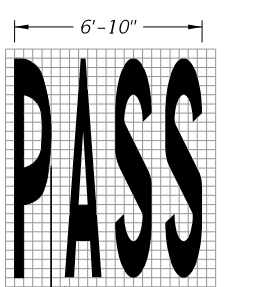
72 S.F.



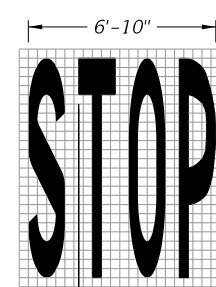
13 S.F.



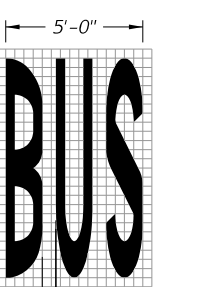
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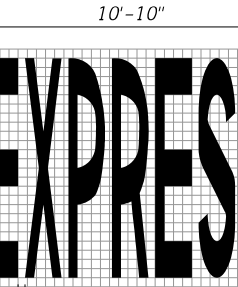
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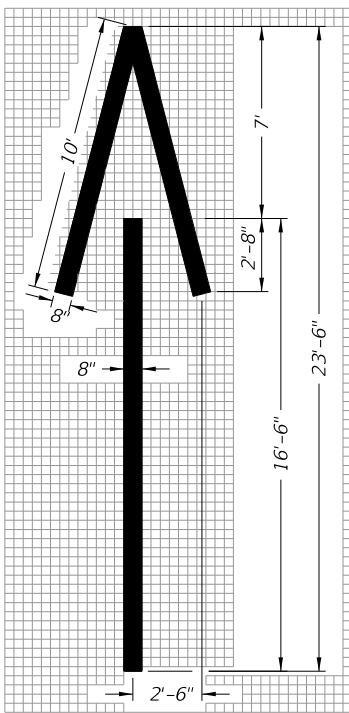
22 S.F.



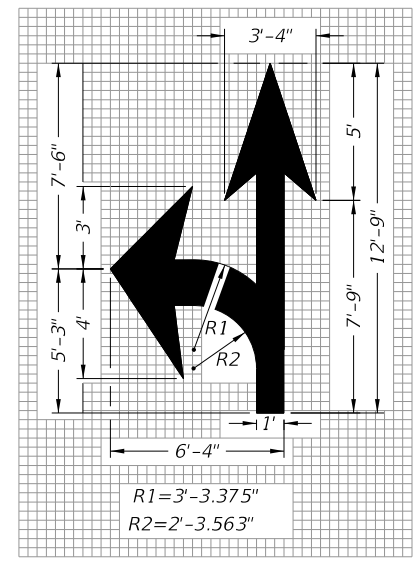
20 S.F.



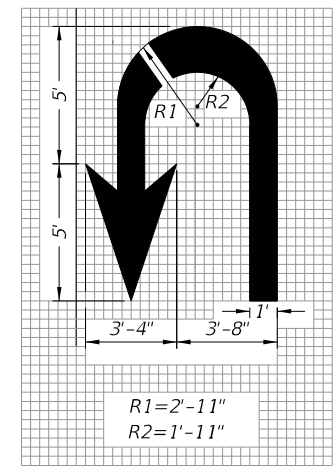
43 S.F.



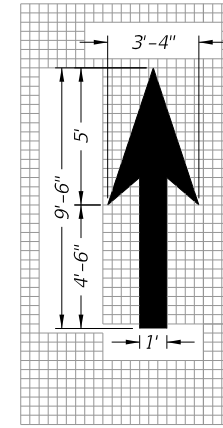
Wrong-Way Arrow
24 S.F.



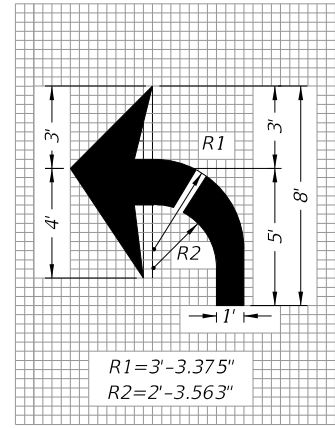
Turn and Through Lane-Use Arrow
29 S.F.



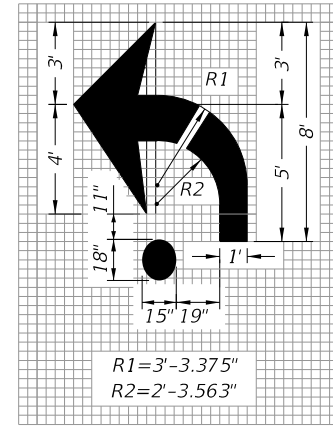
U Turn Lane-Use Arrow
27 S.F.



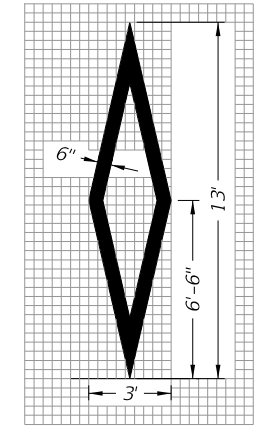
Through Lane-Use Arrow
12 S.F.



Turn Lane-Use Arrow (Left Turn Shown - Right Turn Similar)
17 S.F.



Roundabout Approach Arrow
19 S.F.



Preferential Lane Symbol
11 S.F.

NOTES FOR PAVEMENT MESSAGES:

1. When an arrow or another pavement message is used with a pavement message, maintain a minimum distance of "S" between items, measured from the base of each item. See the Pavement Message Spacing Table for "S" value.
2. Place all pavement messages 25' back from the stop line.
3. Dimensions are within 1" ±.
4. All grids are 4" x 4".
5. All pavement messages must be white except route shields.
6. Increase width of route shield for routes with three digits.

PAVEMENT MESSAGE SPACING TABLE	
Posted Speed (mph)	Distance "S" (feet)
≤ 25	40
30 - 35	56
40 - 45	72
≥ 50	88

PAVEMENT MESSAGE AND ARROW DETAILS

GENERAL NOTE:

1. See Index 509-070 for pavement markings at railroad crossings.

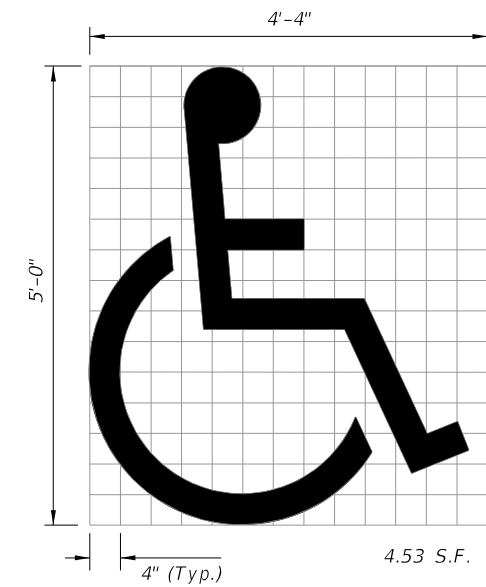
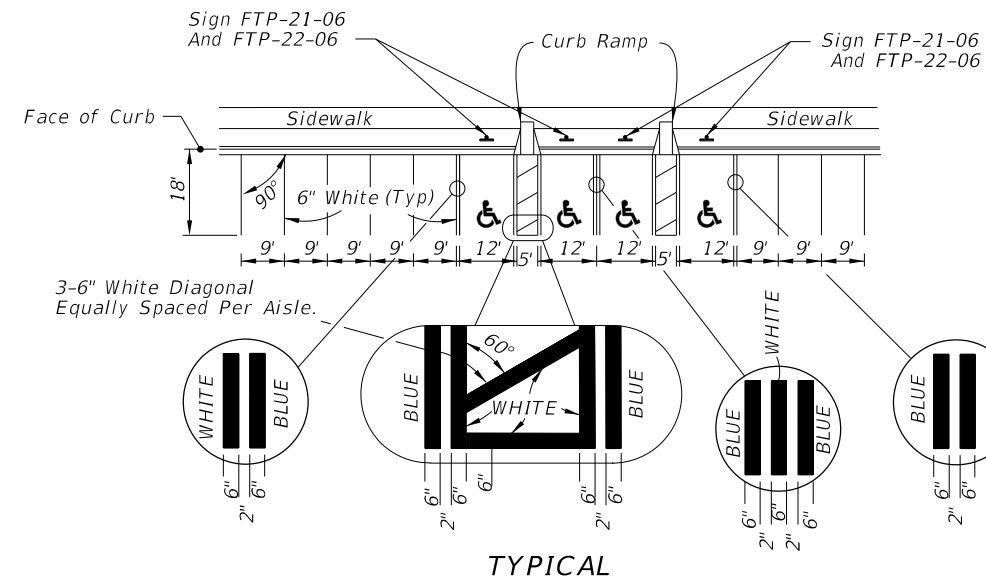
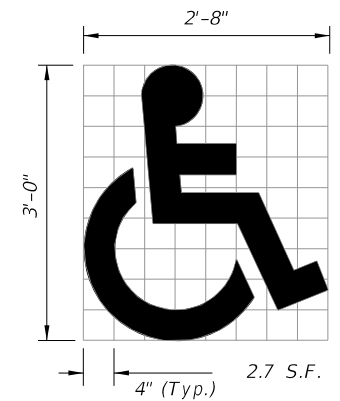
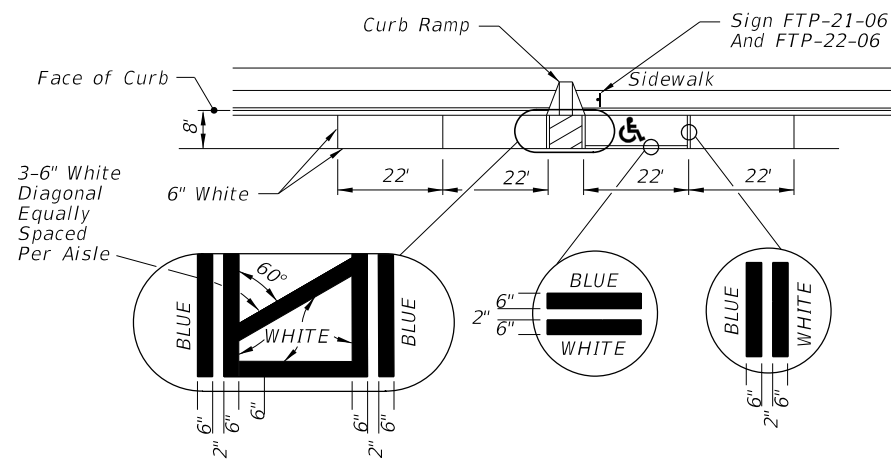
2/5/2021 11:53:33 AM

LAST REVISION 02/05/21	DESCRIPTION: Added railroad pavement marking details.
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**FY 2021-22
STANDARD PLANS**

PAVEMENT MARKINGS

INDEX 711-001	SHEET 1 of 14
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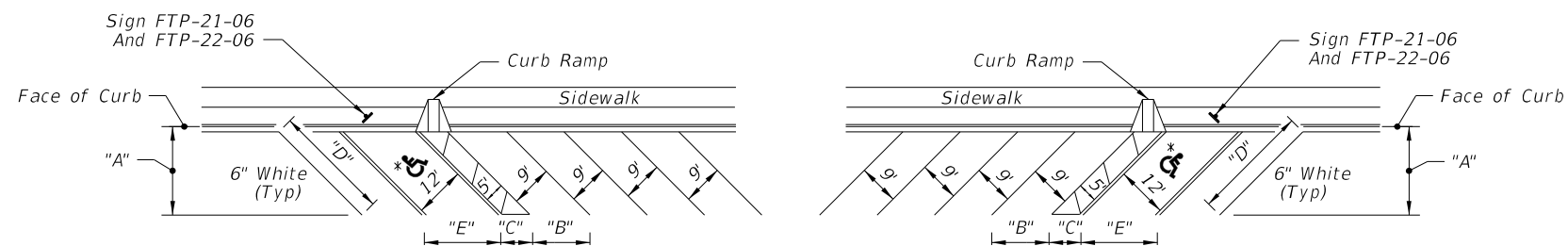


(See Note 6)

UNIVERSAL SYMBOL OF ACCESSIBILITY

NOTES:

1. Dimensions are to the centerline of markings.
2. An Access Aisle is required for each accessible space when angle parking is used.
3. Criteria for pavement markings only, not public sidewalk curb ramp locations. For ramp locations refer to plans.
4. Tint blue pavement markings to match color 15180 of Federal Standards 595a.
5. Mount FTP-22-06 sign below the FTP-21-06 sign.
6. Use of the pavement symbol in accessible parking spaces is optional. When pavement symbol is used, the symbol is either 3'-0" or 5'-0" high and white in color.



FORWARD-IN PARKING

REVERSE-IN PARKING

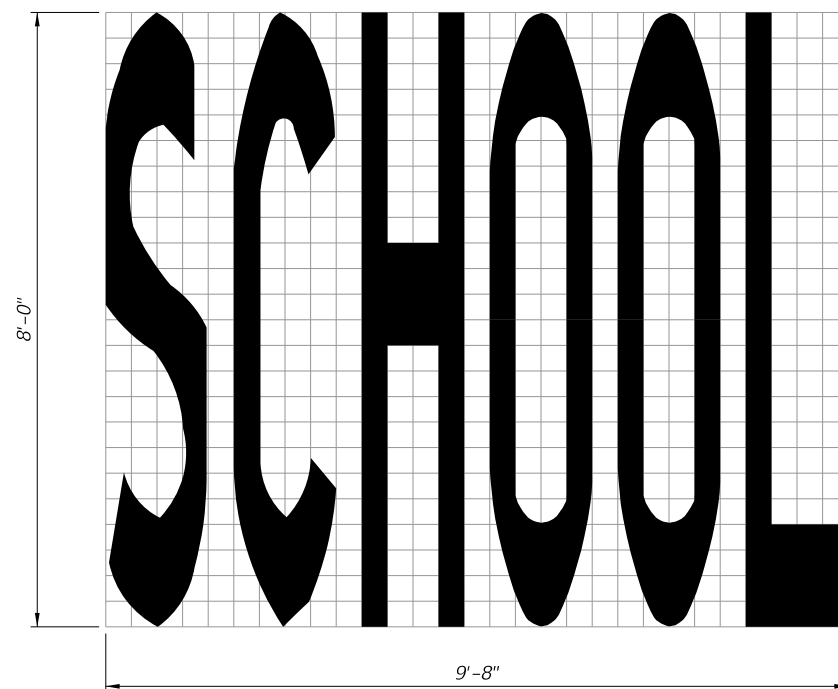
* FOR ACCESSIBLE MARKINGS - SEE ABOVE

DIMENSIONS					
∠ θ	"A"	"B"	"C"	"D"	"E"
45°	17'-0"	12'-9"	7'-0"	24'-0"	17'-0"

PAVEMENT MARKING FOR PARKING

2/5/2021 11:53:53 AM

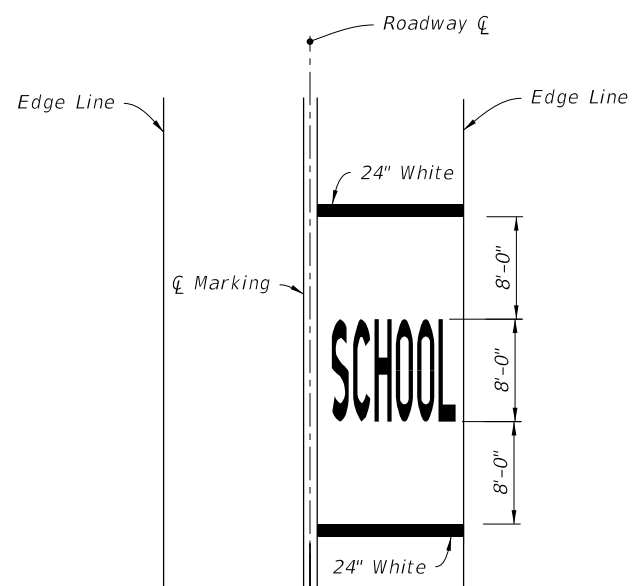
33 S.F.



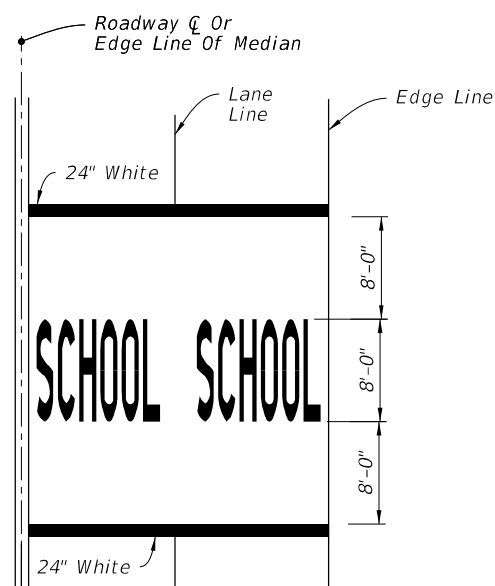
SCHOOL PAVEMENT MARKING

NOTES:

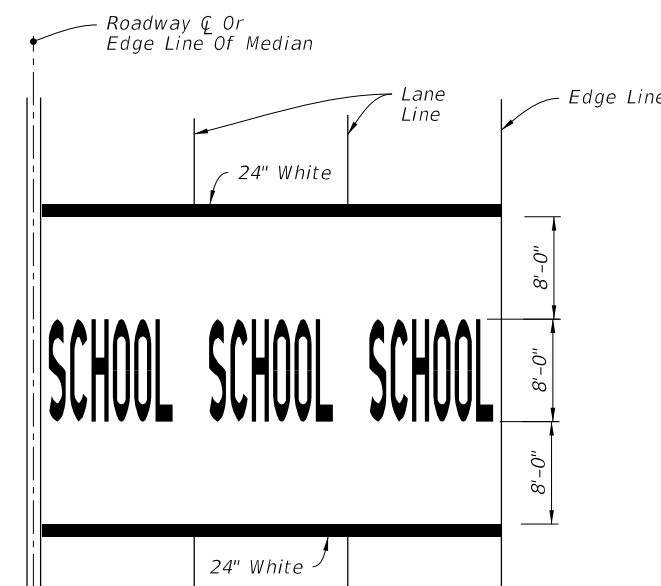
- 1. All grids are 4" x 4".
- 2. Pavement Marking Should Not Extend Into Opposing Lane.
- 3. Center School Pavement Marking in lane.



SINGLE-LANE APPROACH



TWO-LANE APPROACH



MULTI-LANE APPROACH
(Three or More)

MARKINGS FOR SCHOOL ZONES

11:53:57 AM
2/5/2021

LAST REVISION
02/05/21

DESCRIPTION:
Added railroad pavement marking details.



FY 2021-22
STANDARD PLANS

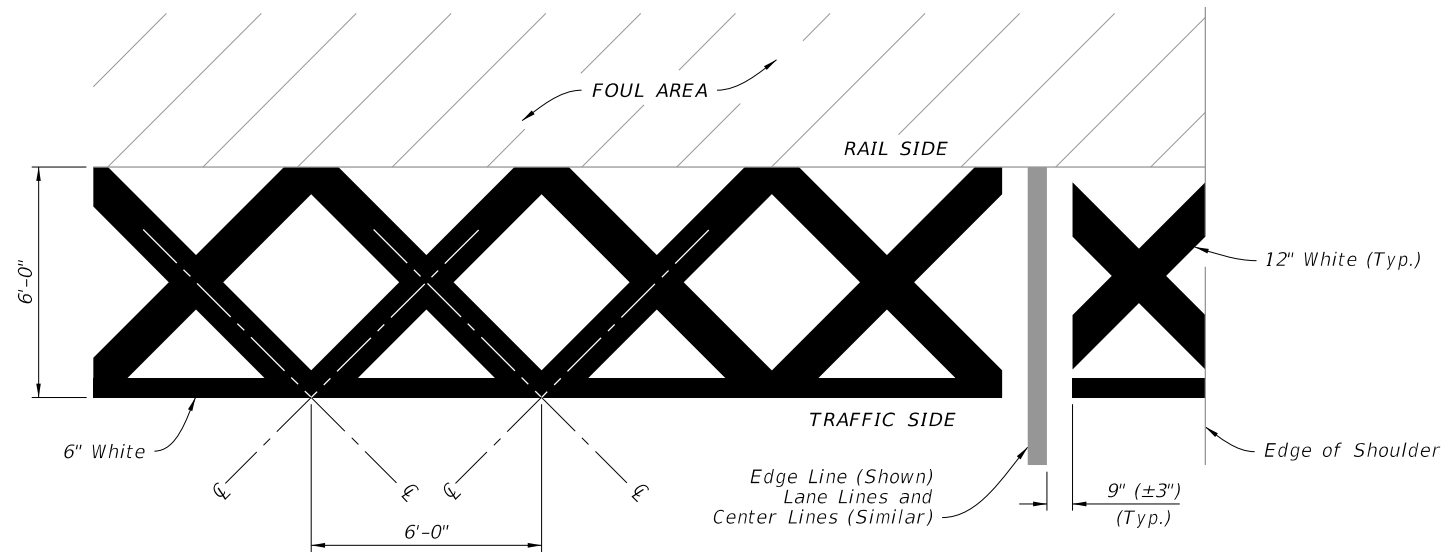
PAVEMENT MARKINGS

INDEX
711-001

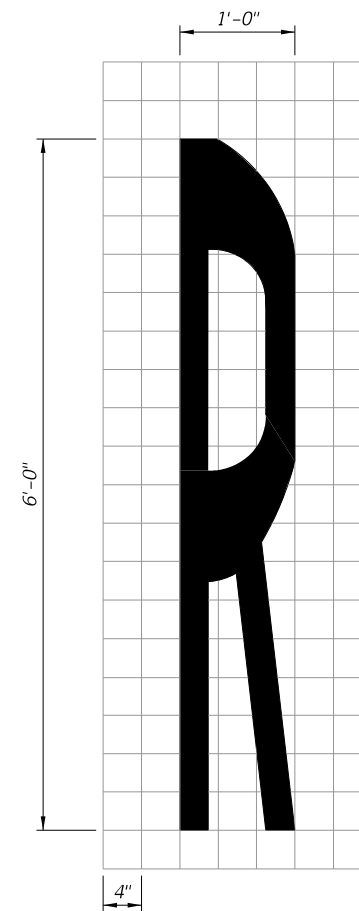
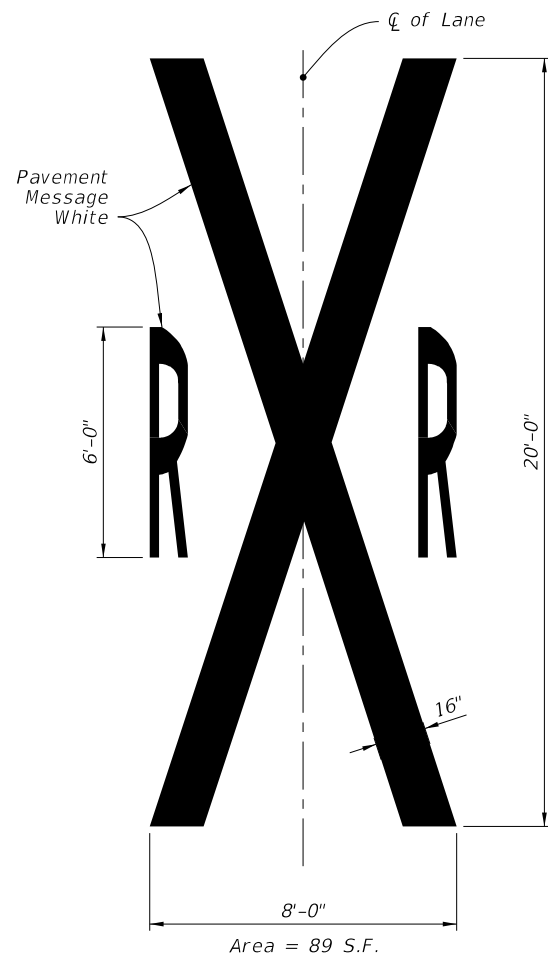
SHEET
13 of 14

NOTE:

Orient Railroad Dynamic Envelope Marking as shown in the Plans.




RAILROAD DYNAMIC ENVELOPE (RDE) PAVEMENT MARKING DETAIL

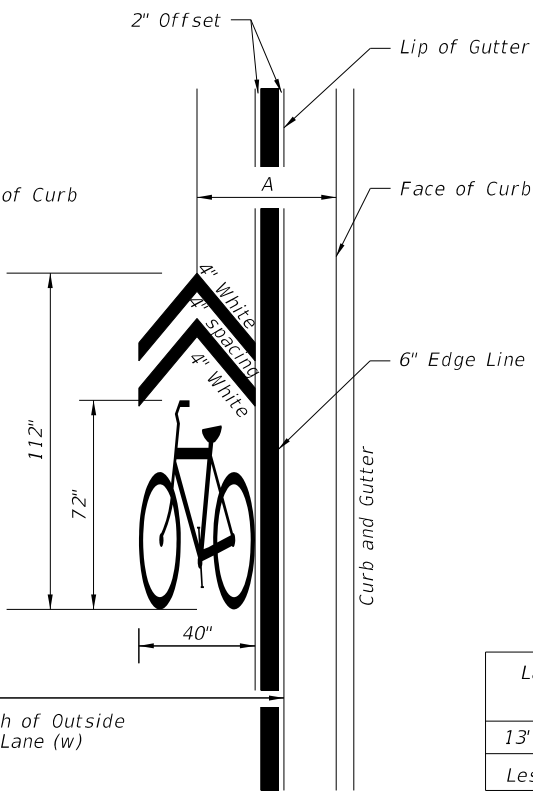
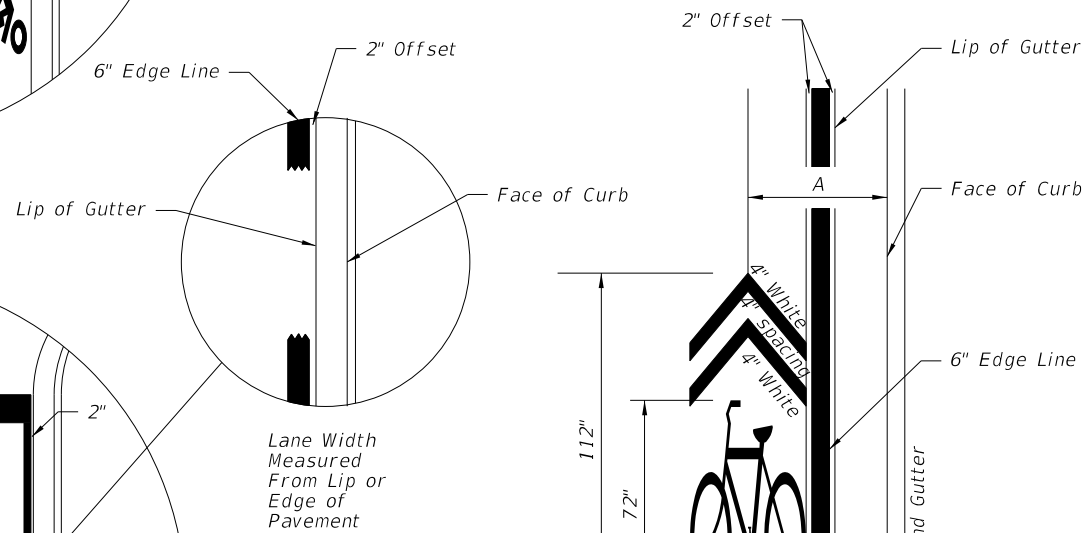
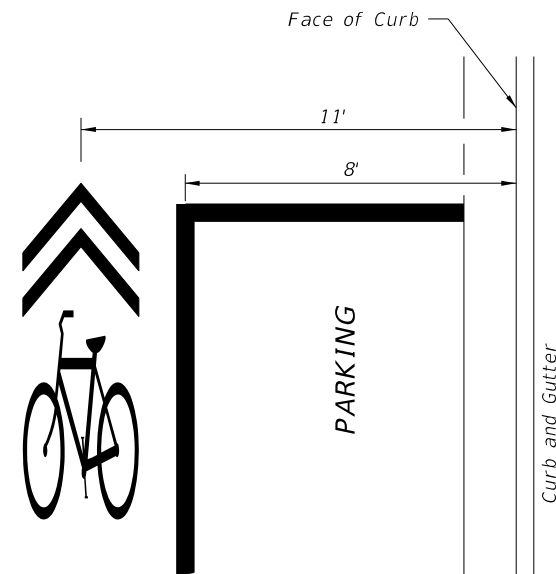
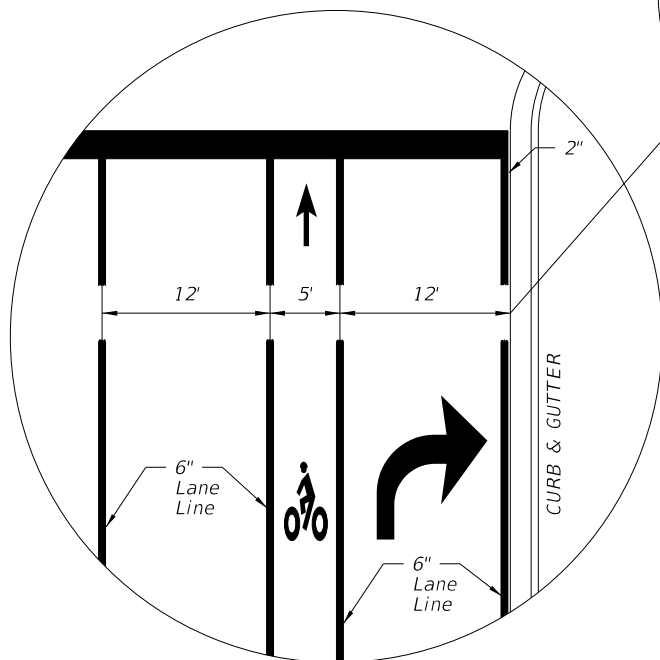
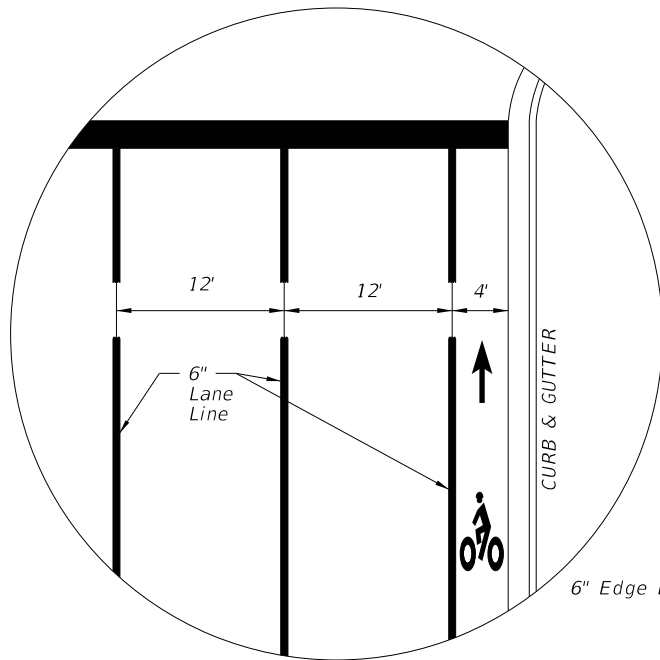


RAILROAD CROSSING PAVEMENT MESSAGE

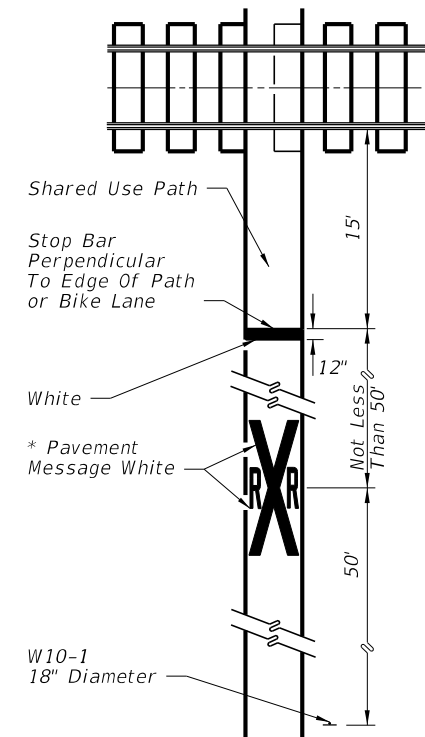
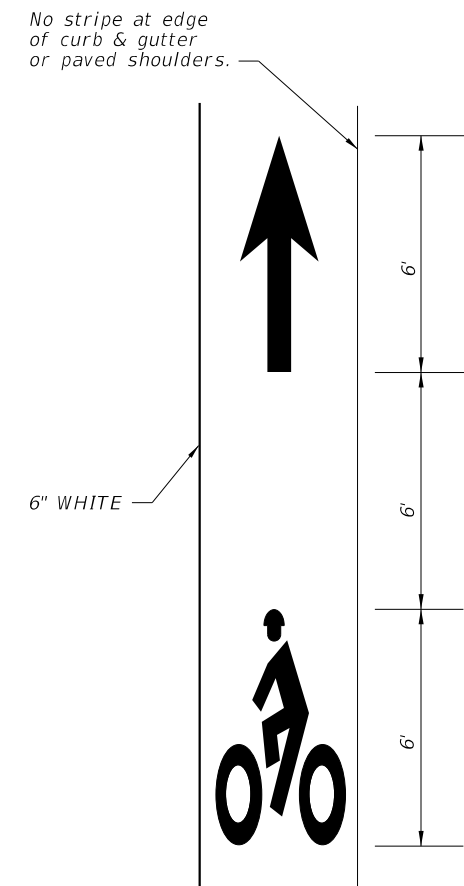
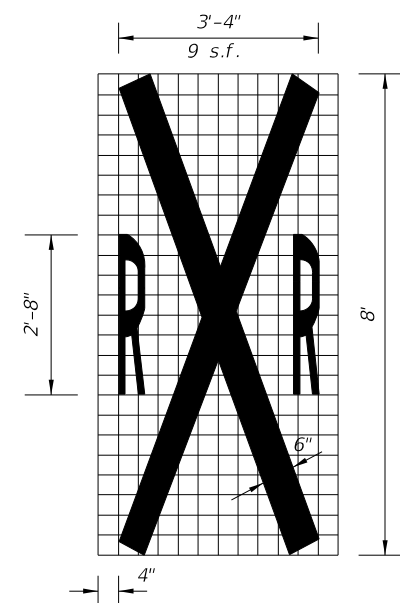
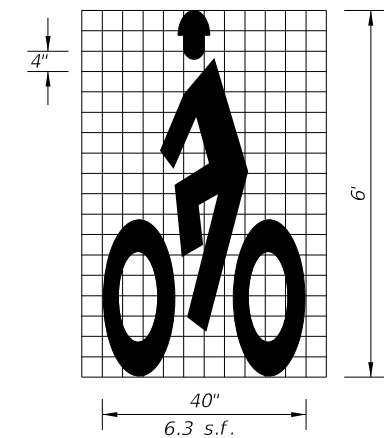
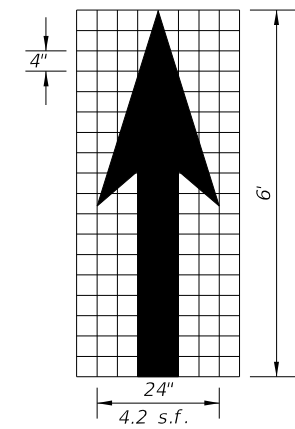
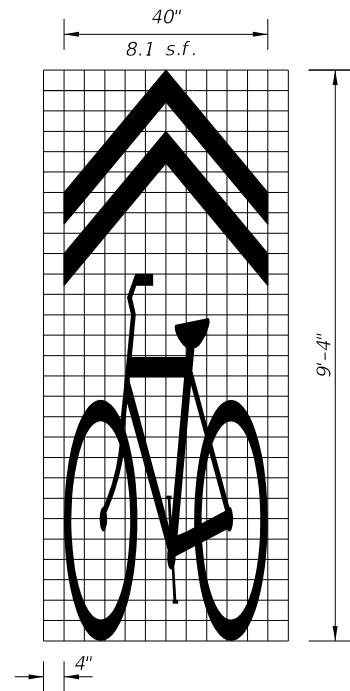
2/5/2021 11:53:59 AM

<p>LAST REVISION 02/05/21</p>	<p>REVISION</p> <p>DESCRIPTION: Added railroad pavement marking details.</p>	 <p>FY 2021-22 STANDARD PLANS</p>	<p>PAVEMENT MARKINGS</p>	<p>INDEX 711-001</p>	<p>SHEET 14 of 14</p>
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- Recommended placement of bicycle lane markings:
 - At the beginning of a bicycle lane, on the far side of major intersections, and prior to and within the bicycle lane keyhole.
 - Along the roadway as needed to provide a maximum spacing of 1,320 feet for posted speeds less than 45 mph, 2,640 feet for a posted speed of 45 mph or greater.
- Recommended spacing for shared lane marking symbols: Immediately after intersections and at a maximum spacing of 250 feet.
- All pavement markings and pavement messages shall be White.
- All pavement messages shall be preformed thermoplastic.
- Bike lane signs (R3-17, R3-17a, R3-17b) are not required.



Lane Width (w)	Sharrow ζ (A)
13' or Greater	4'
Less Than 13'	5½'



* When used in bike lane, markings shall be placed adjacent to markings in travel lane and W10-1 sign shall be deleted.

12/30/2011 11:48:43 AM r0960/h C:\projects\standards\roadway\17300-s\17347-01.dgn