
Index 711-001 Pavement Markings

ORIGINATION

Date: 5-14-2021

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COMMENTARY

Updates were needed to make the index consistent with the MUTCD 11th Edition that states "wide lines" must be at least 10" in width if 6" standard line widths are used.

COMMENTS AND RESPONSES

BLACK = Industry Review Comments **RED** = Standard Plans Response **GREEN** = Change Made to Index

Name: General Comment

Date: 9-9-21

COMMENT: Concerns were brought forth on this change and potential issues with the pay items and construction.

RESPONSE: After further consideration, additional coordination with other department documents is needed. The revision from 8" wide lines to 10" wide lines is no longer proposed.

Change made to Index: The revision from 8" wide lines to 10" wide lines will revert back to 8".

Date: 9-10-2021

Name: Ryan Drendel

Date: 9-9-21

COMMENTS:

- Is the In Pavement Warning Marking intended to be white? Note 5 (new note 4) may need to be reworded otherwise

RESPONSE: Agree. The note will be revised.

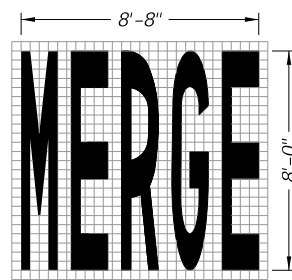
Change made to Index: Note 4 will be revised to read "All pavement messages must be white except Route Shields and In Pavement Warning Markings."

- How is the spacing of shields and other messages to be determined, now that the spacing table is being deleted? For example, a route shield with a directional message (NORTH, etc.). Would it follow the 25' spacing shown for the "ONLY" message/arrows on sheet 10?

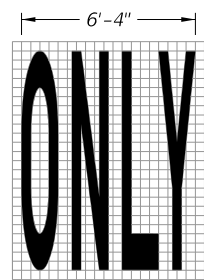
RESPONSE: The spacing of pavement messages should follow the guidance included in the MUTCD. For the combination of word, symbol, or arrows markings that are intended to provide a single message (i.e., "Turn Lane-Use Arrow" and the word "ONLY") the 25' standard spacing should be used.

No Change made

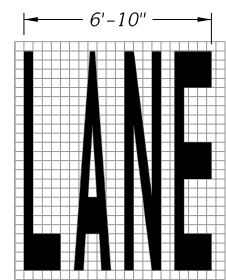
Date: 9-10-2021



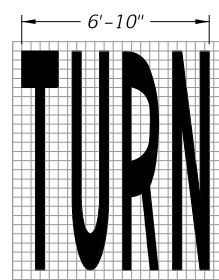
34 S.F.



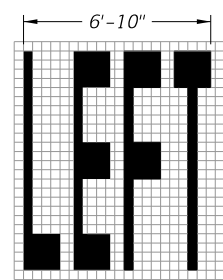
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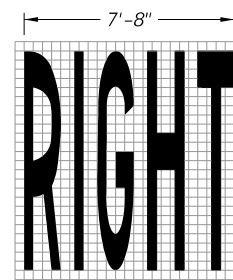
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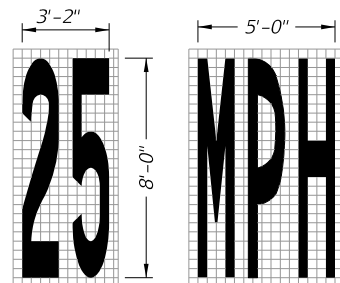
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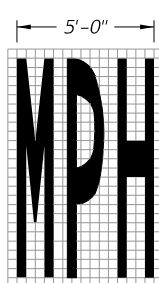
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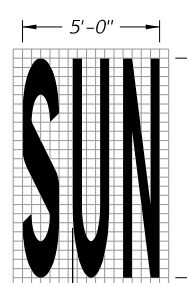
26 S.F.



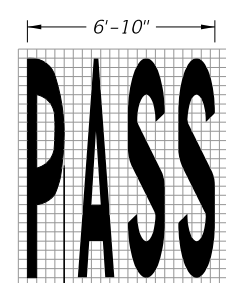
13 S.F.



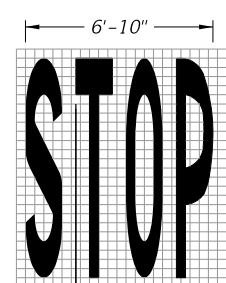
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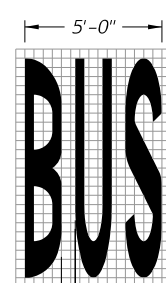
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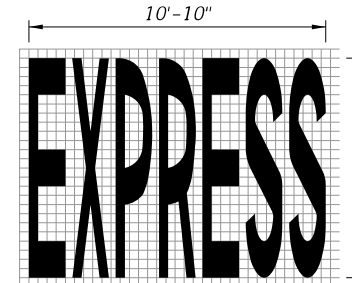
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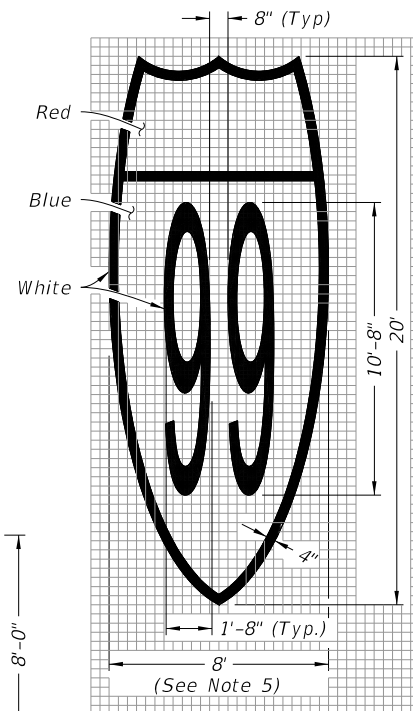
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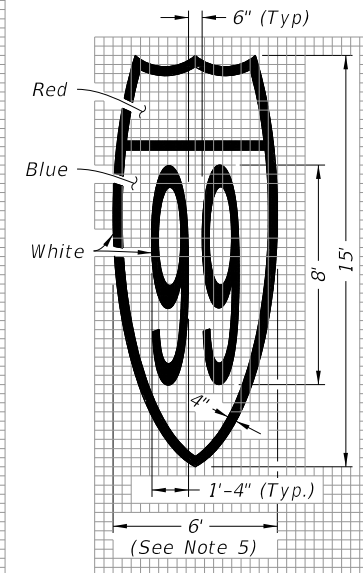


43 S.F.



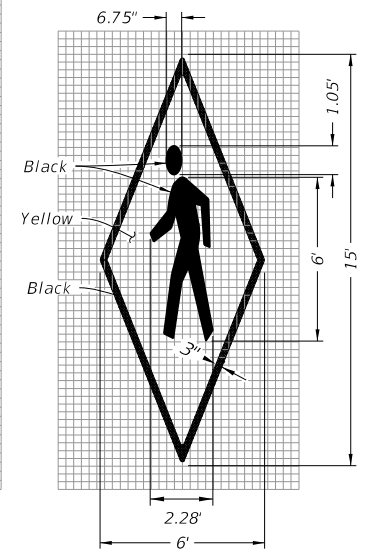
Route Shield for Limited Access Roadways (Interstate Route Shield Shown; U.S. and State Route Shield Similar)

128 S.F.



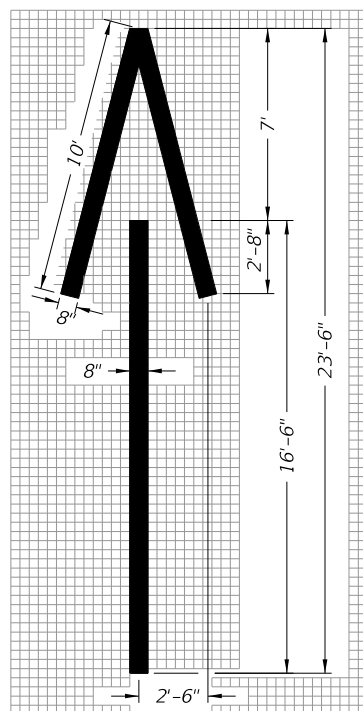
Route Shield for Arterials and Collectors (Interstate Route Shield Shown; U.S. and State Route Shield Similar)

72 S.F.



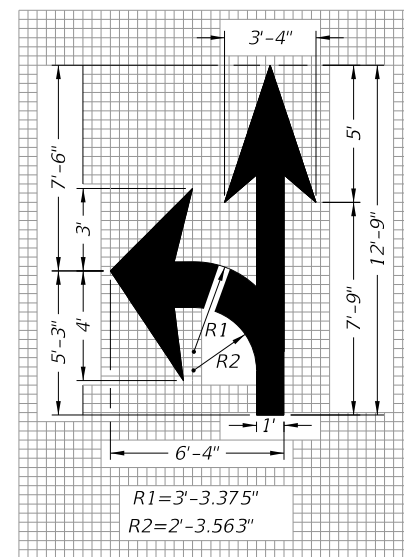
In Pavement Warning Marking

45 S.F.



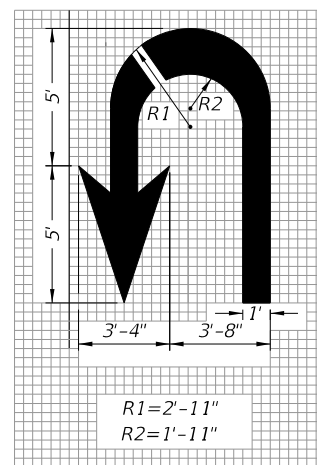
Wrong-Way Arrow

24 S.F.



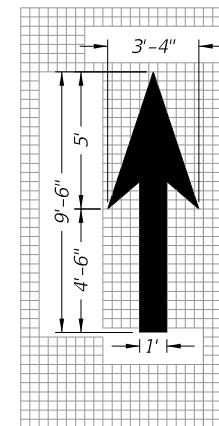
Turn and Through Lane-Use Arrow

29 S.F.



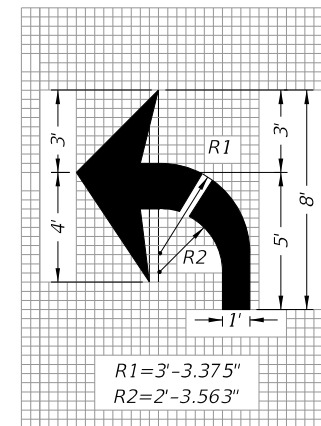
U Turn Lane-Use Arrow

27 S.F.



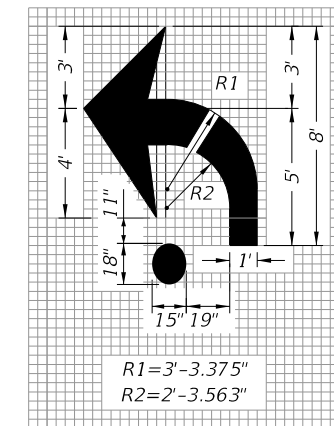
Through Lane-Use Arrow

12 S.F.



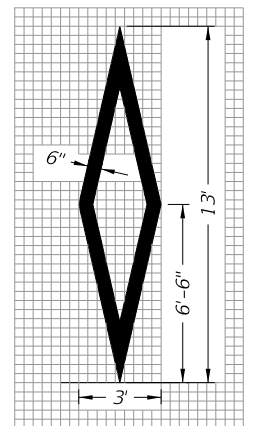
Turn Lane-Use Arrow (Left Turn Shown - Right Turn Similar)

17 S.F.



Roundabout Approach Arrow

19 S.F.



Preferential Lane Symbol

11 S.F.

PAVEMENT MESSAGES NOTES:

1. Place all pavement messages 25' back from the stop line.
2. Dimensions are within 1" ±.
3. All grids are 4" x 4".
4. All pavement messages must be white except Route Shields and In Pavement Warning Markings.
5. Increase width of route shield for routes with three digits.

PAVEMENT MESSAGE AND ARROW DETAILS

9/10/2021 2:35:30 PM

LAST REVISION	DESCRIPTION:
11/01/21	

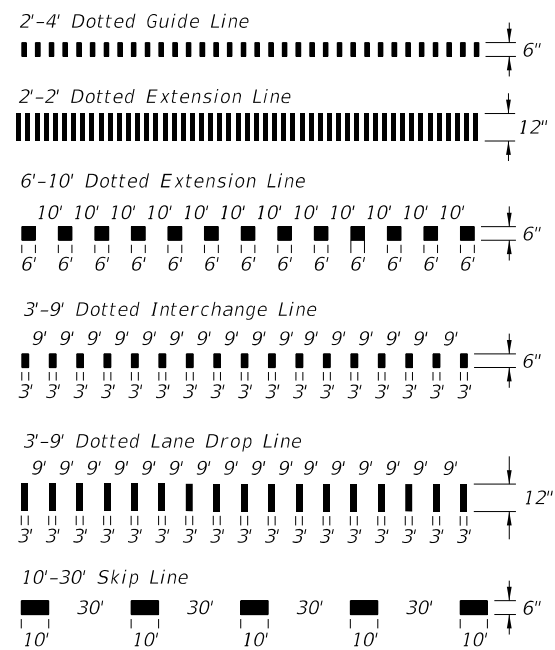
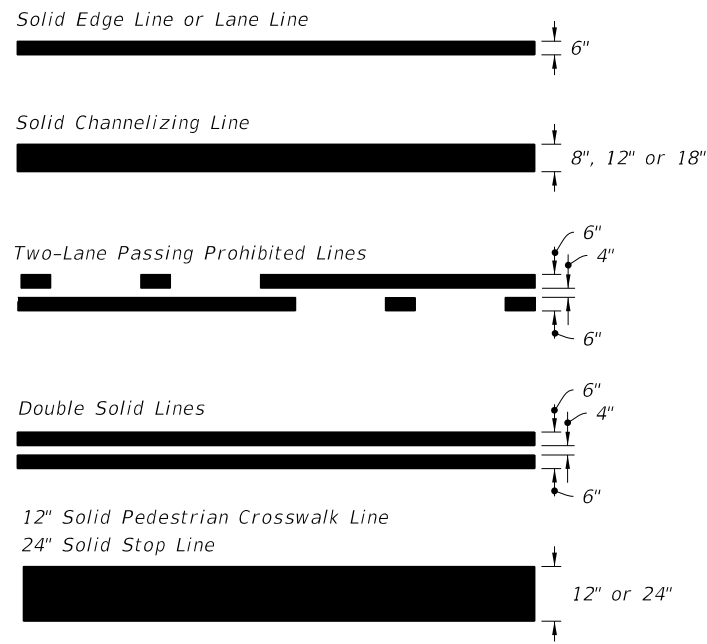


FY 2022-23 STANDARD PLANS

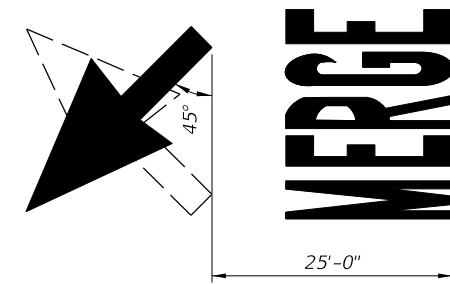
PAVEMENT MARKINGS

INDEX 711-001

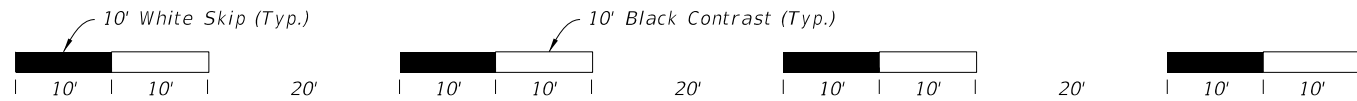
SHEET 1 of 13



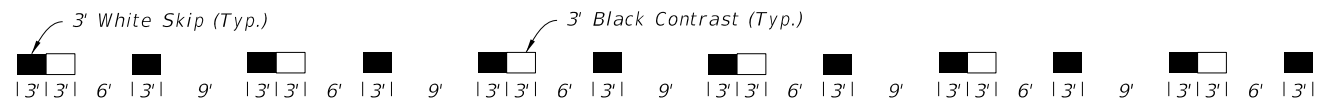
PAVEMENT MARKING LINES



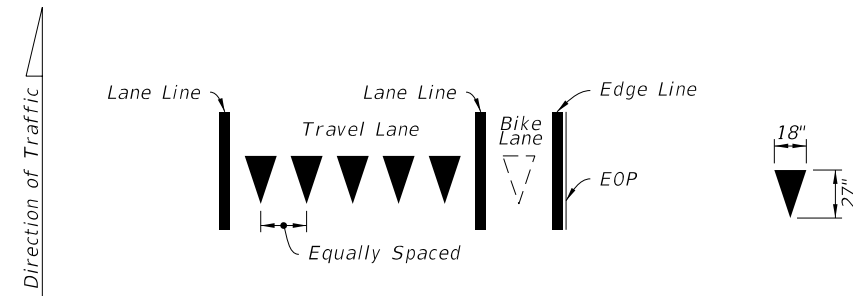
MARKINGS FOR MERGE



10'-30' SKIP LINE WITH SHADOW MARKINGS




DOTTED LINE WITH ALTERNATING SHADOW MARKINGS
(3'-9' Dotted Line Shown, Other Dotted Lines Similar)



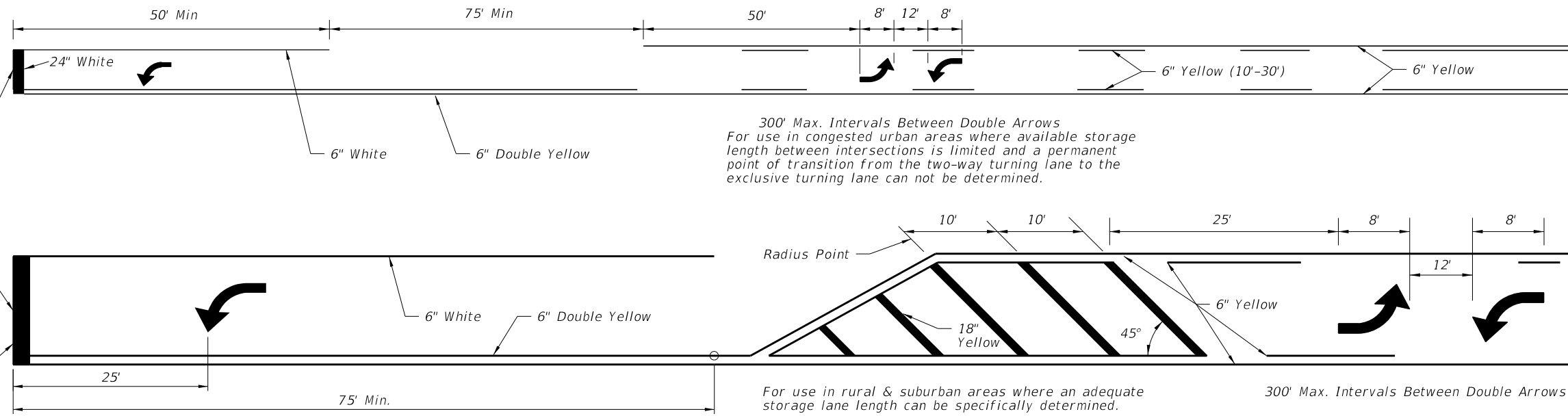
Yield Lines consist of five - 18" X 27" white triangles which face traffic. Equally space triangles within traffic lane. When a bike lane is present, add one additional triangle in the center of the bike lane.

YIELD LINES

9/10/2021 2:35:34 PM

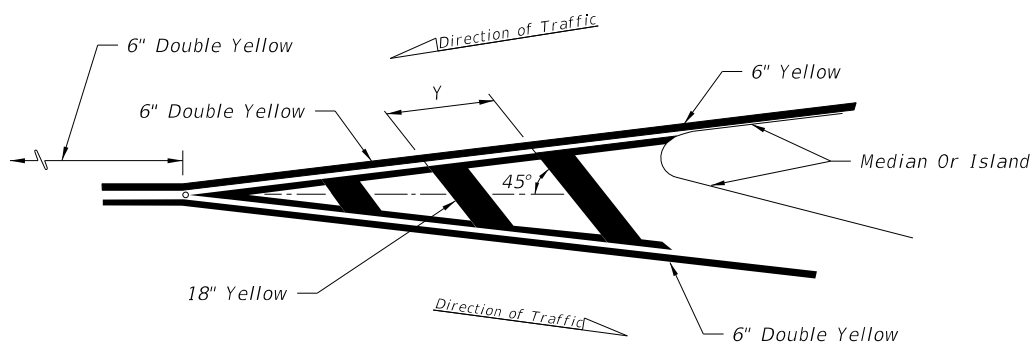
LAST REVISION 11/01/21	REVISION	DESCRIPTION:	 FY 2022-23 STANDARD PLANS	PAVEMENT MARKINGS	INDEX 711-001	SHEET 2 of 13
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Use Stop Line At Signalized Intersection Only

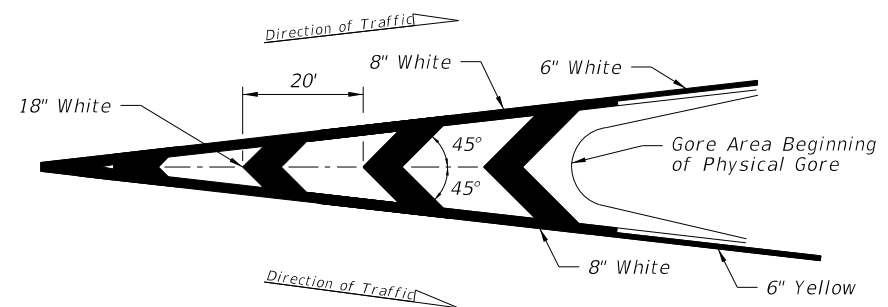


TWO WAY LEFT TURN LANE
(With Single Lane Left Turn Channelization)

POSTED SPEED LIMIT MPH	"Y" (FT.)
30 OR LESS	10
35	20
40	20
45	30
50 OR MORE	40



MARKINGS FOR TRAFFIC SEPARATION



TRAFFIC CHANNELIZATION AT GORE

9/10/2021 2:35:49 PM