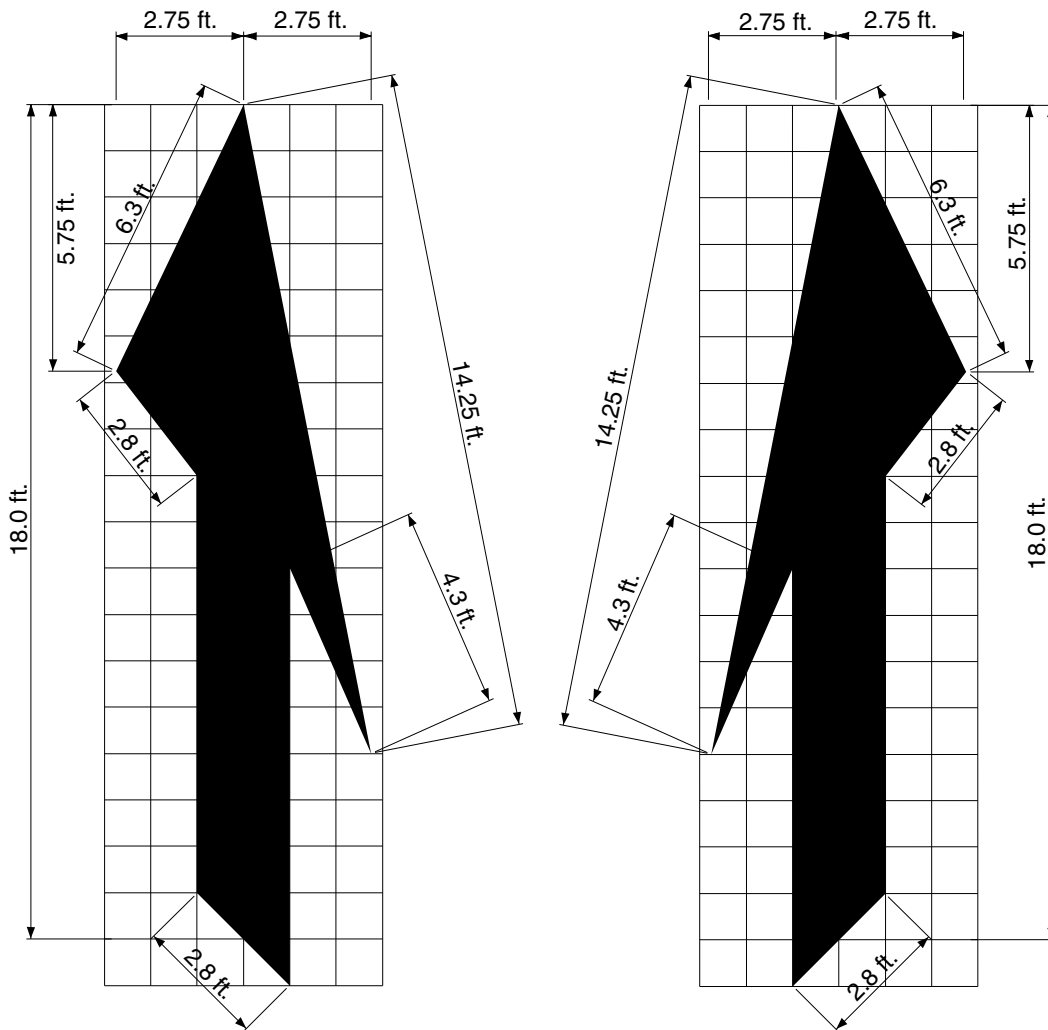


Figure 3B-14c. Examples of Lane Reduction Transition Arrow Detail

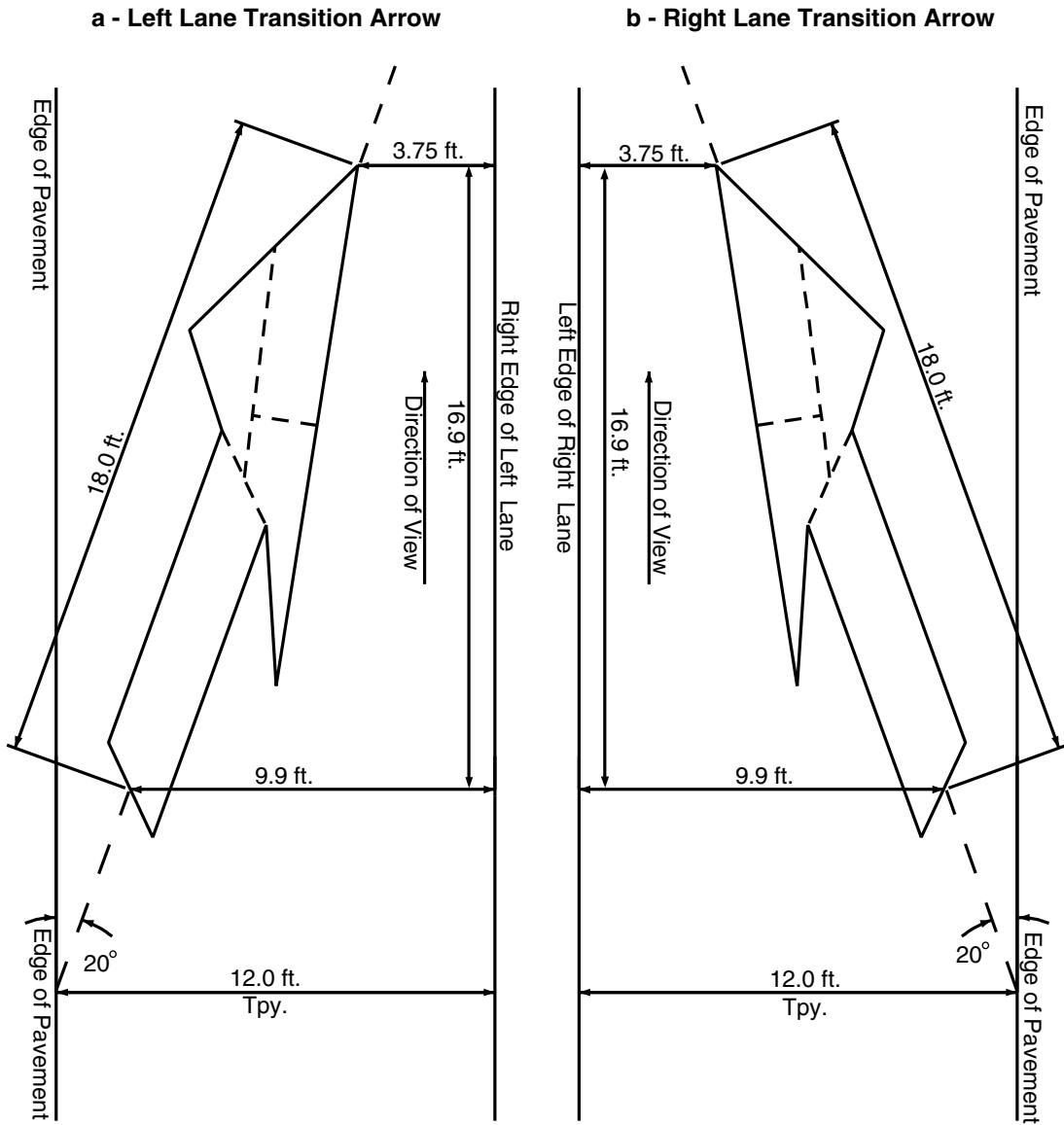
a - Left Lane Transition Arrow

b - Right Lane Transition Arrow



12 inches Grid
Area = 42 ft²

Figure 3B-14d. Examples of Lane Reduction Transition Arrow Placement.

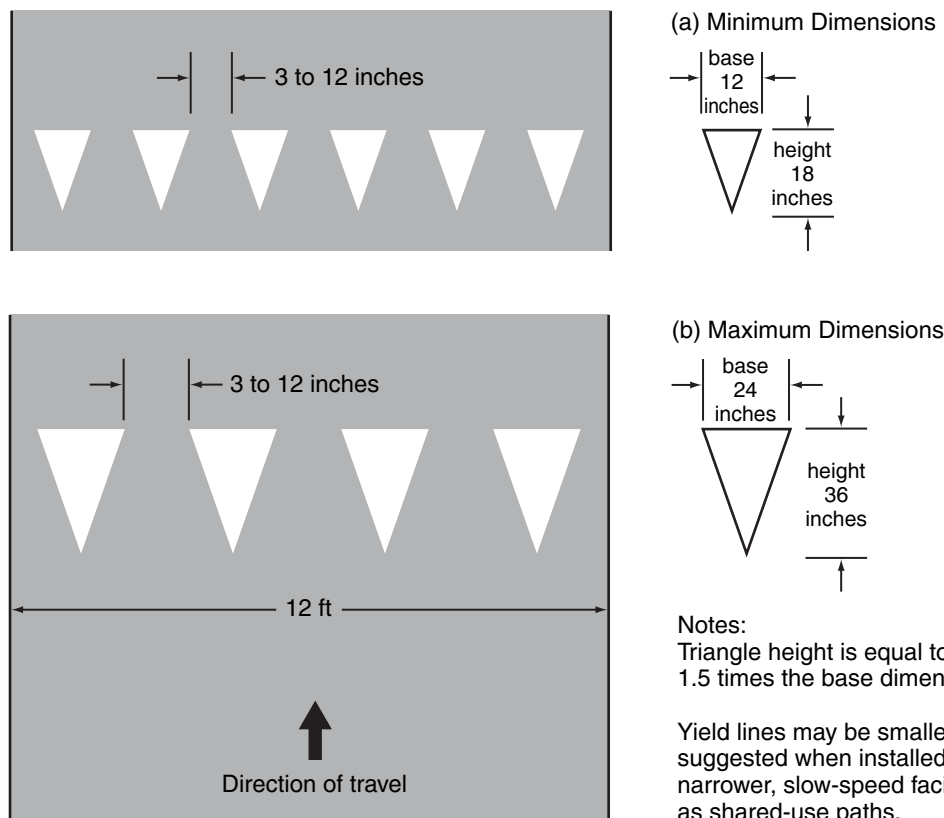


NOTE:
 Broken lines (---) illustrate the four (4) typical lane transition pavement marking arrow pieces.

- 11a *Edge line extension pavement markings should be installed at ramps where merge areas are not provided (see Figure 3B-19c).*
- 12 *If stop lines are used at a crosswalk that crosses an uncontrolled multi-lane approach, the stop lines should be placed 20 to 50 feet in advance of the nearest crosswalk line, and parking should be prohibited in the area between the stop line and the crosswalk (see Figure 3B-17).*
- Standard:**
- 13 **If stop lines are used at a crosswalk that crosses an uncontrolled multi-lane approach, Stop Here For Pedestrians (R1-5 series) signs (see Section 2B.11) shall be used.**
- Guidance:*
- 14 *Stop lines and Stop Here For Pedestrians signs should not be used in advance of crosswalks that cross an approach to or departure from a roundabout.*
- Support:**
- 15 When drivers stop too close to crosswalks that cross uncontrolled multi-lane approaches, they place pedestrians at risk by blocking other drivers' views of pedestrians and by blocking pedestrians' views of vehicles approaching in the other lanes.
- Option:**
- 16 Stop lines may be staggered longitudinally on a lane-by-lane basis.
- Support:**
- 17 Staggered stop lines can improve the driver's view of pedestrians, provide better sight distance for turning vehicles, and increase the turning radius for left-turning vehicles.
- 18 Section 8B.28 contains information regarding the use of stop lines at grade crossings.



Figure 3B-16. Recommended Yield Line Layouts



- B. Warning:
 1. STOP AHEAD
 2. YIELD AHEAD
 3. YIELD AHEAD triangle symbol
 4. SCHOOL XING
 5. SIGNAL AHEAD
 6. PED XING
 7. SCHOOL
 8. R X R
 9. BUMP
 10. HUMP
 11. Lane-reduction arrows
- C. Guide:
 1. Route numbers (route shield pavement marking symbols and/or words such as I-81, US 40, STATE 135, or ROUTE 10)
 2. Cardinal directions (NORTH, SOUTH, EAST, or WEST)
 3. TO
 4. Destination names or abbreviations thereof

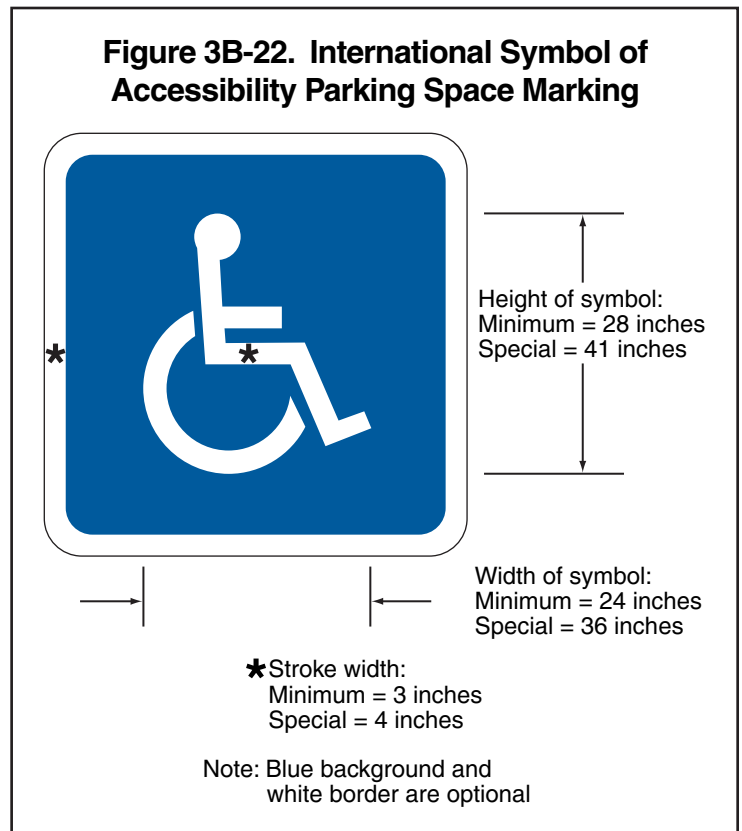
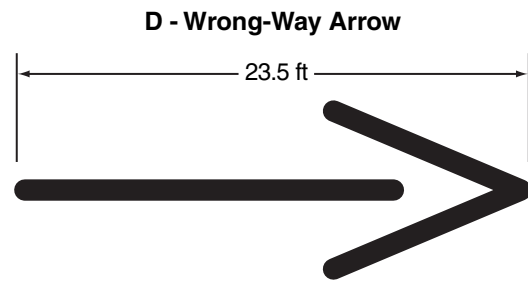
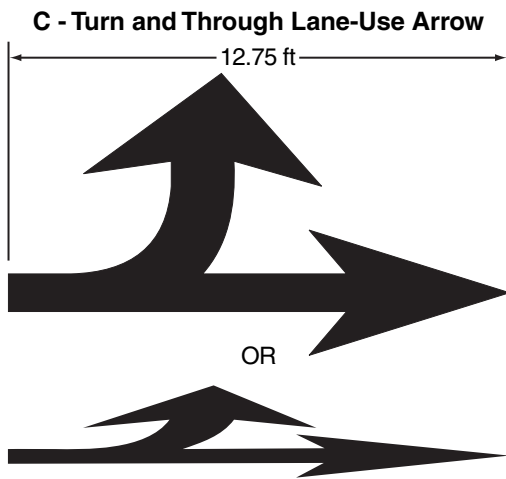
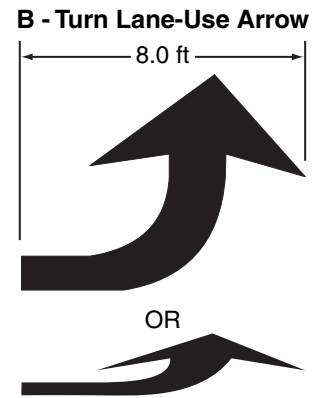
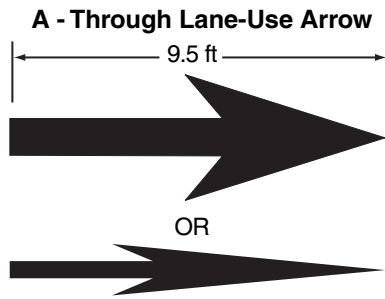


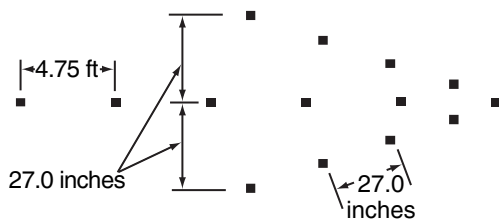
Figure 3B-23. Example of Elongated Letters for Word Pavement Markings



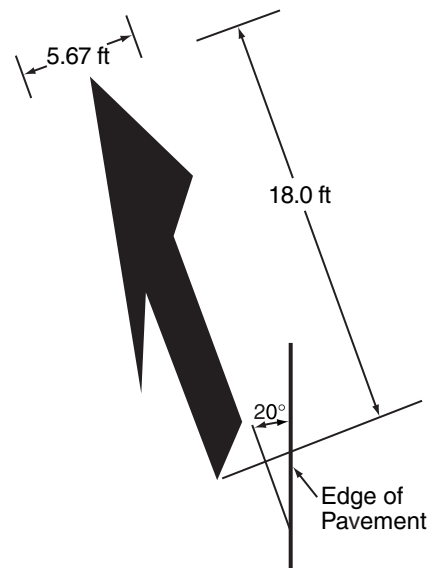
Figure 3B-24. Examples of Standard Arrows for Pavement Markings



E - Wrong-Way Arrow Using Retroreflective Raised Pavement Markers



F - Lane-Reduction Arrow



Notes:

1. Typical sizes for normal installation; sizes may be reduced approximately one-third for low-speed urban conditions; larger sizes may be needed for freeways, above average speeds, and other critical locations.
2. The narrow elongated arrow designs shown in Drawings A, B, and C are optional.
3. For proper proportion, see the Pavement Markings chapter of the "Standard Highway Signs and Markings" book (see Section 1A.11).

Figure 3B-25. Examples of Elongated Route Shields for Pavement Markings

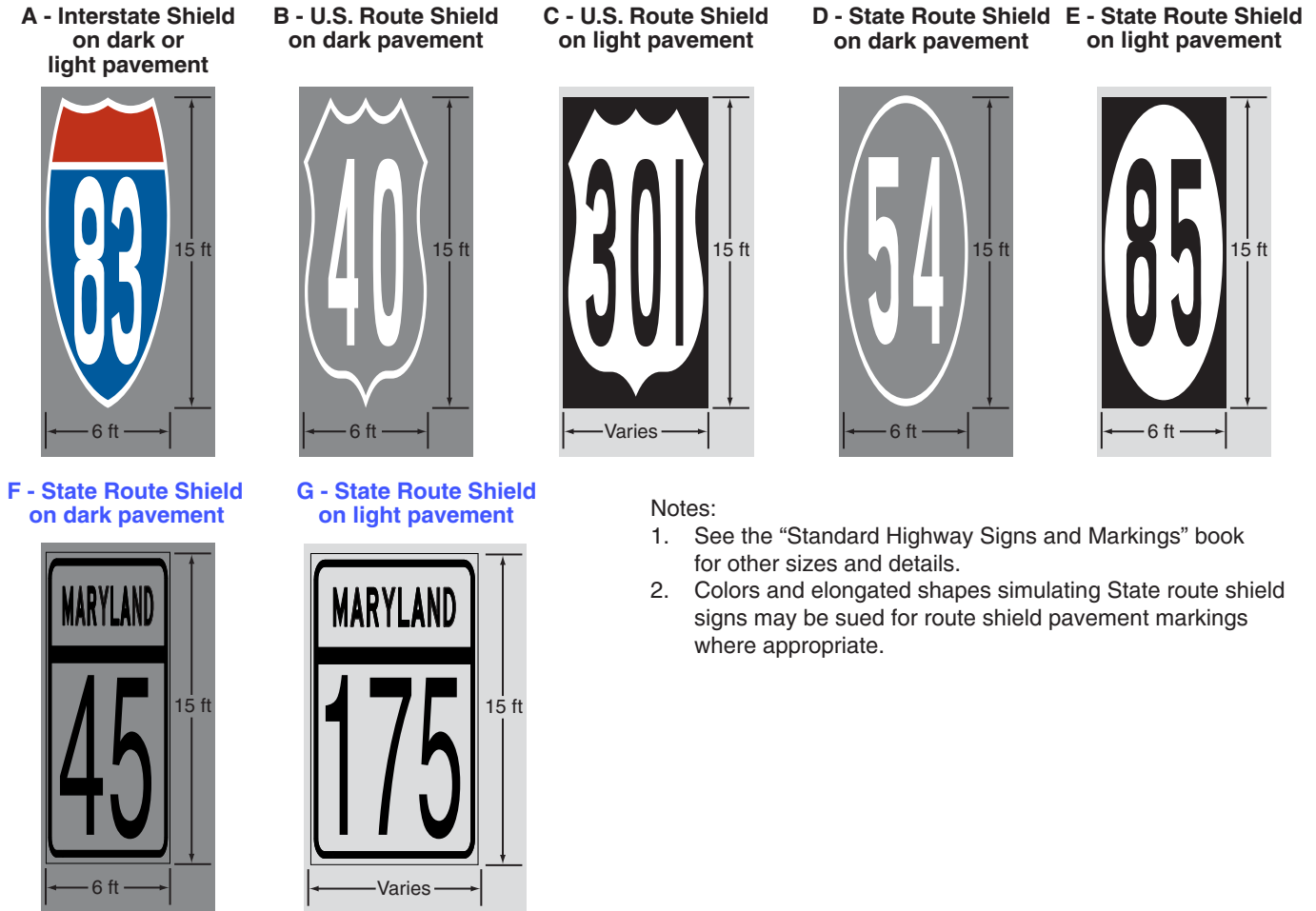


Figure 3B-26. Yield Ahead Triangle Symbols

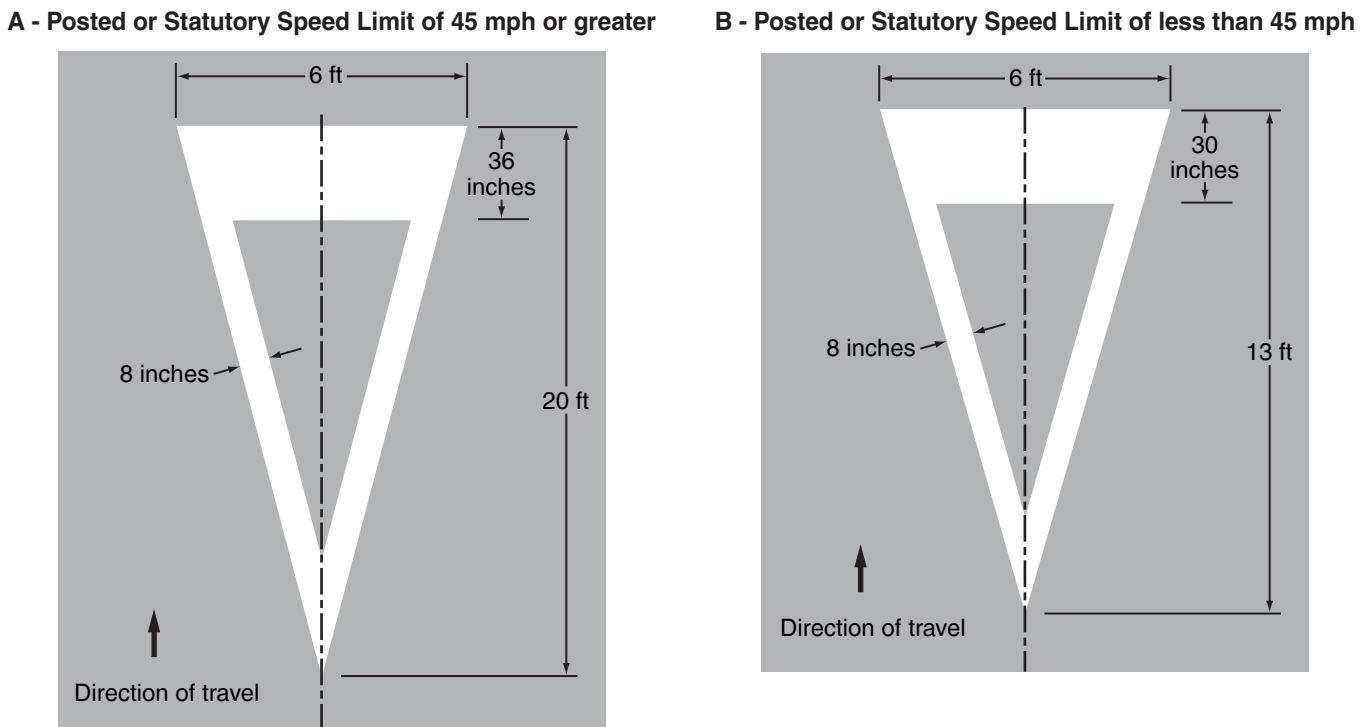


Figure 3B-29. Pavement Markings for Speed Humps without Crosswalks

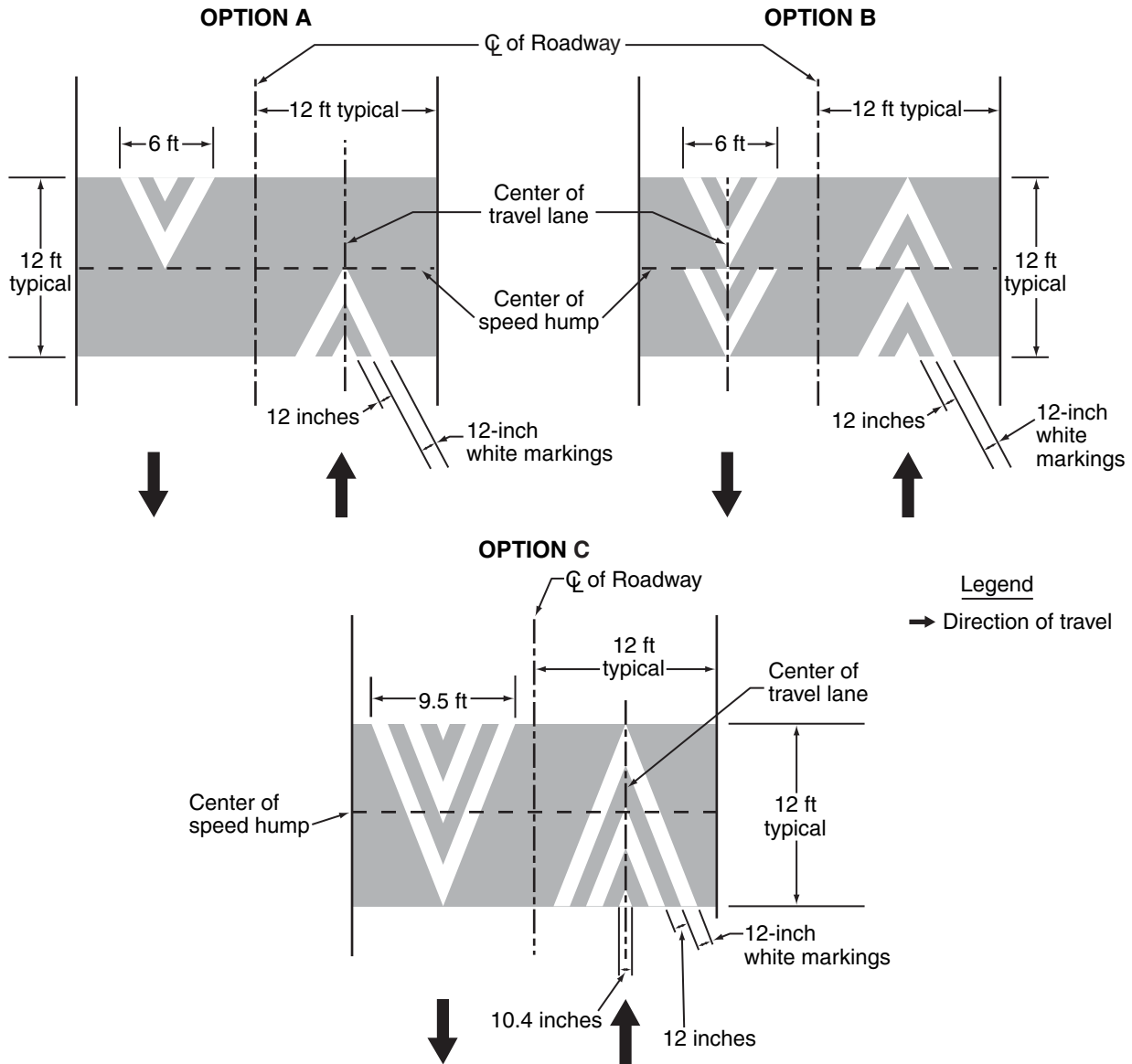
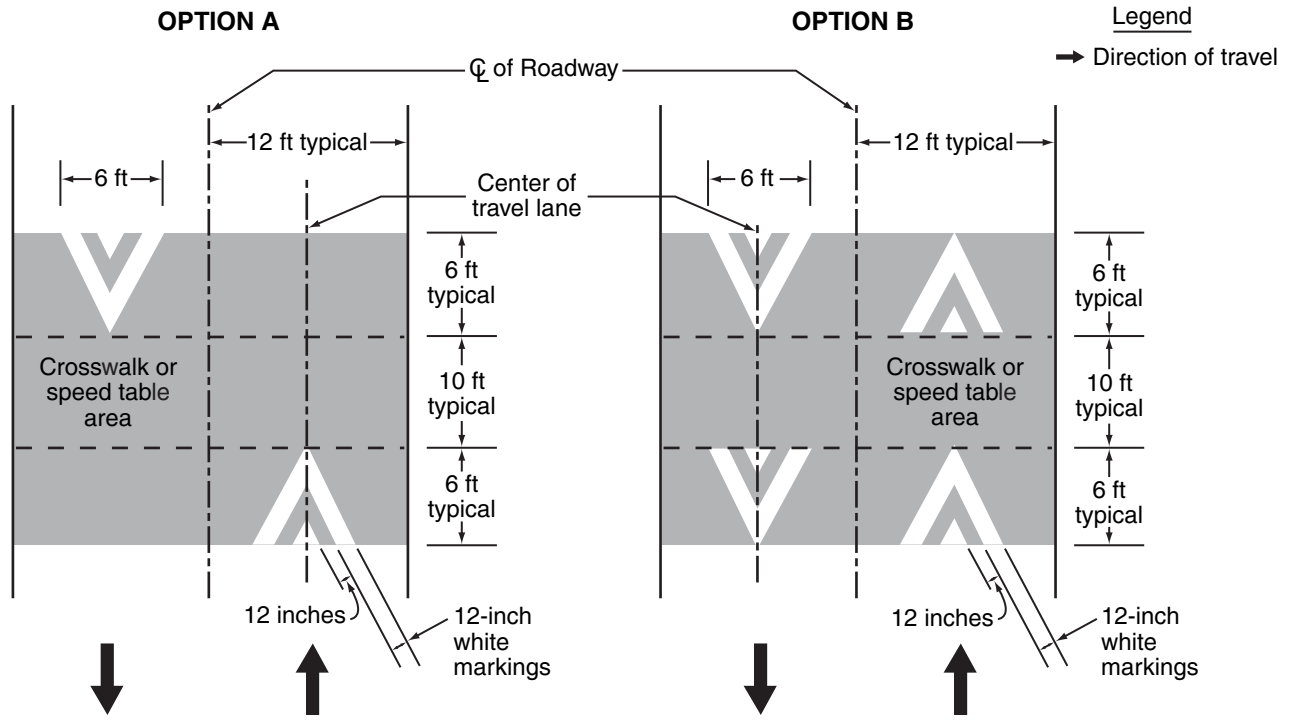


Figure 3B-30. Pavement Markings for Speed Tables or Speed Humps with Crosswalks



Note: Optional crosswalk lines are not shown in this figure

Figure 3C-2. Lane-Use Arrow Pavement Marking Options for Roundabout Approaches

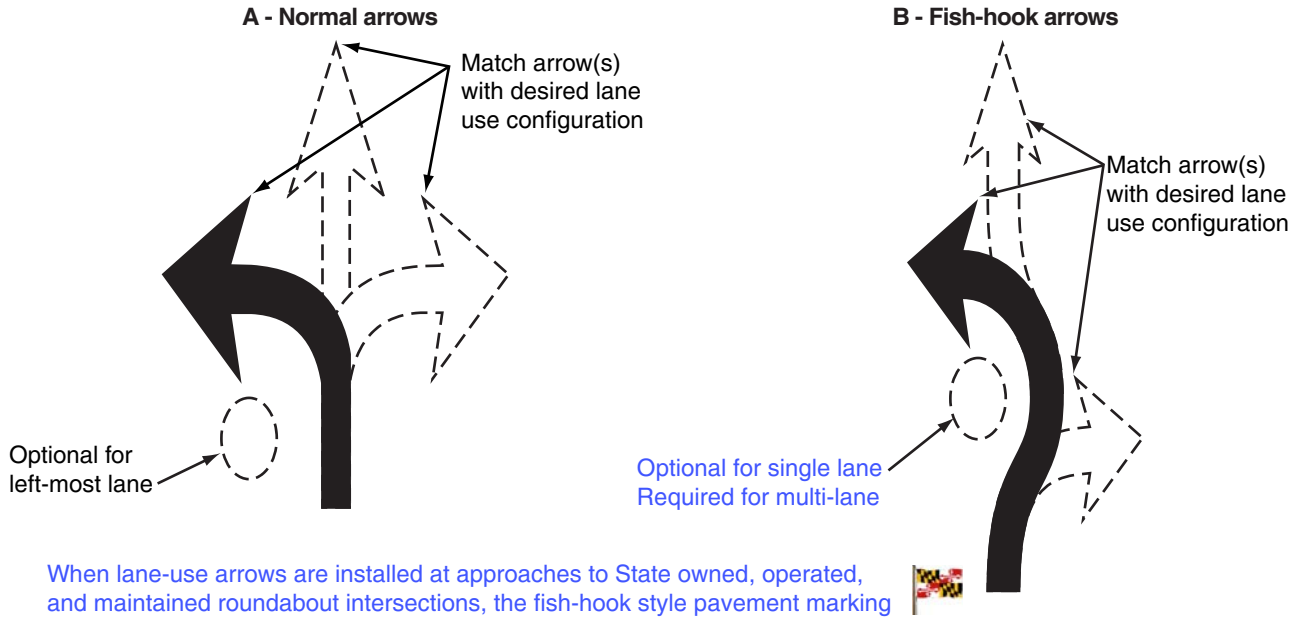


Figure 3C-3. Example of Markings for a One-Lane Roundabout

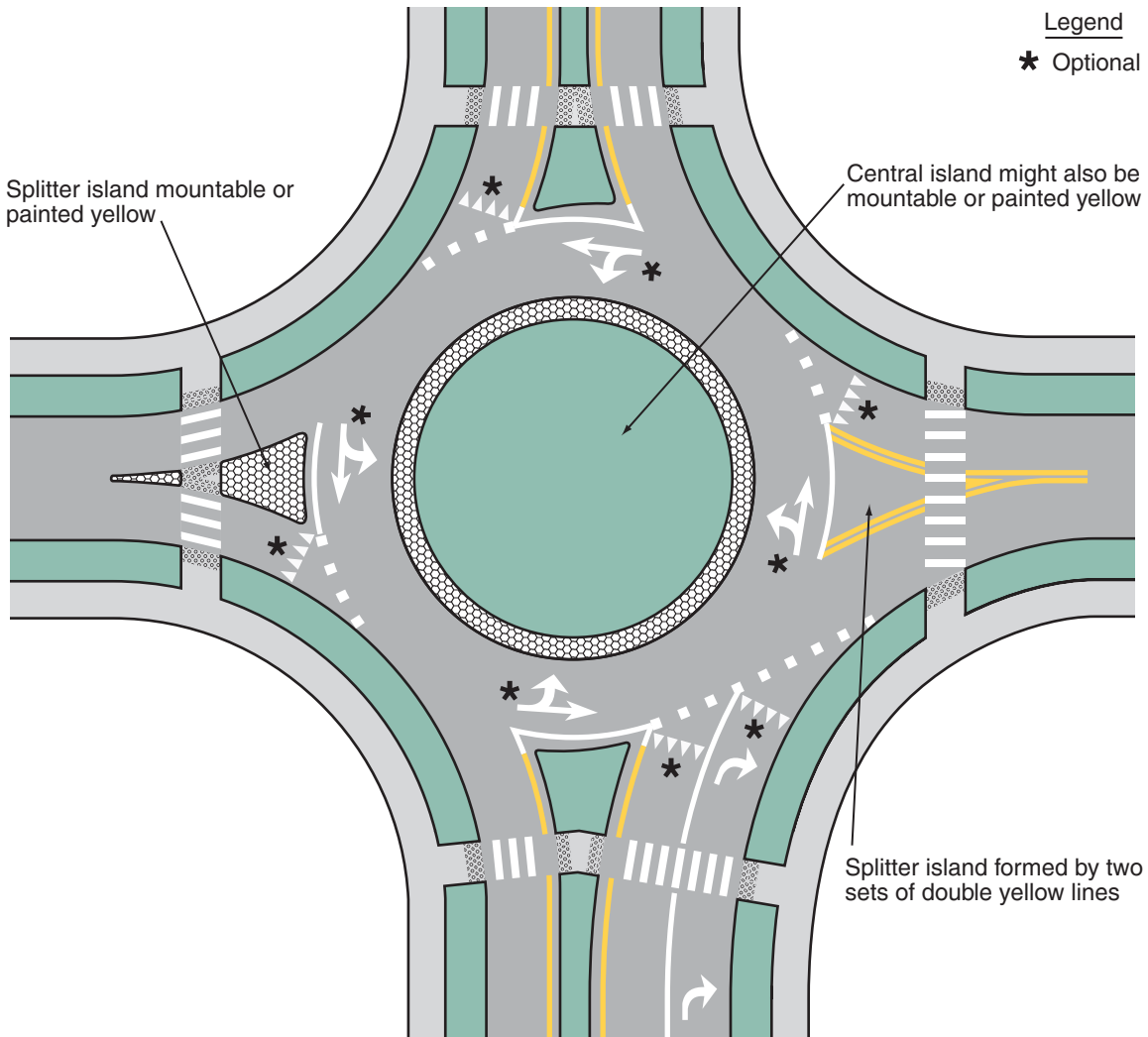
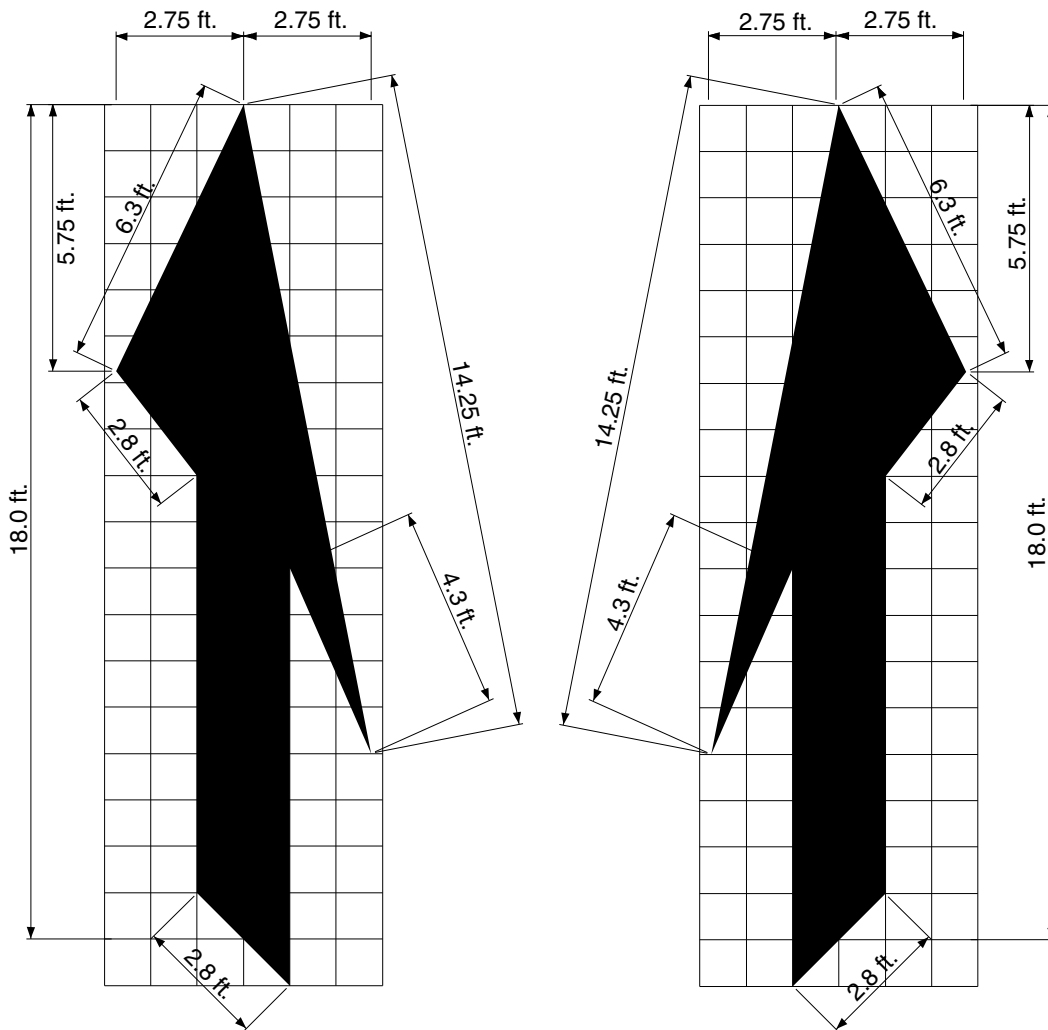


Figure 3B-14c. Examples of Lane Reduction Transition Arrow Detail

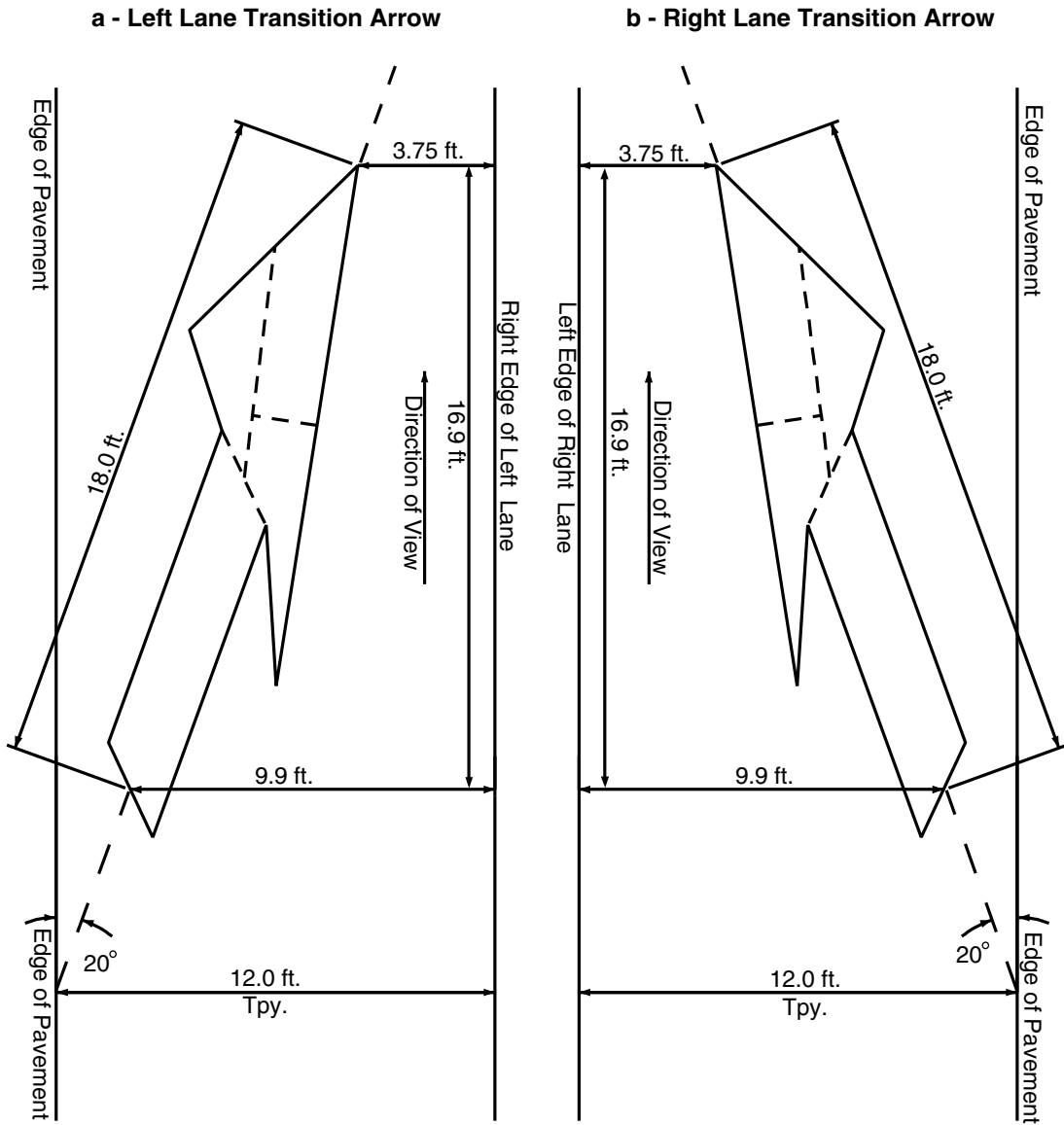
a - Left Lane Transition Arrow

b - Right Lane Transition Arrow



12 inches Grid
Area = 42 ft²

Figure 3B-14d. Examples of Lane Reduction Transition Arrow Placement.

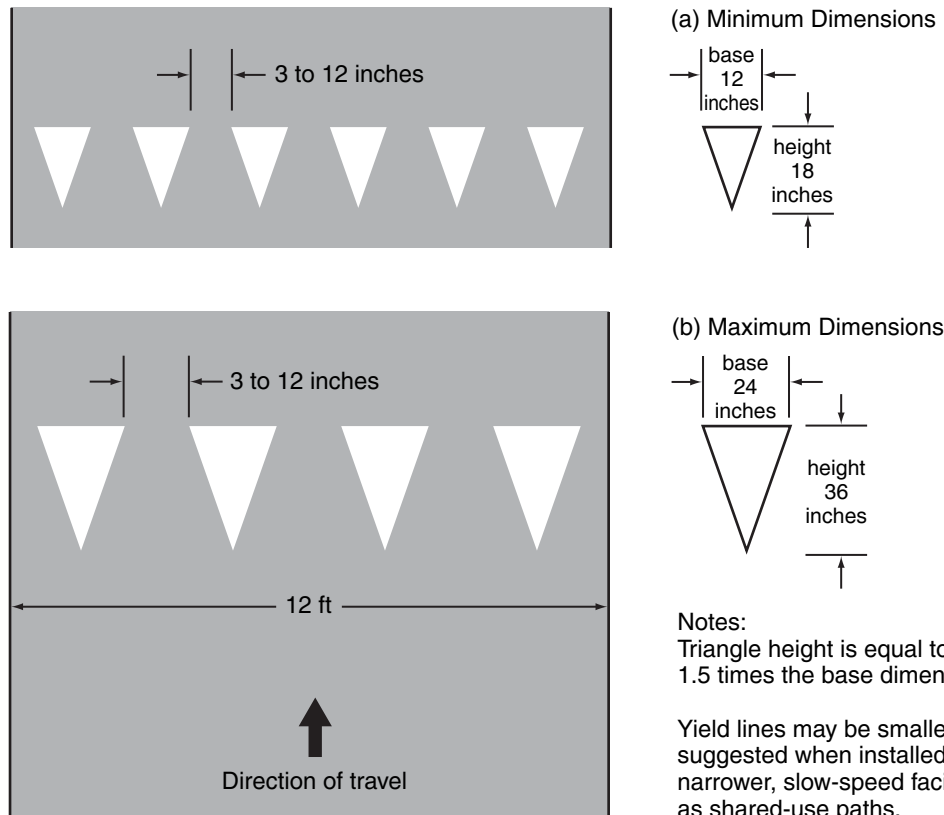


NOTE:
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- 11a *Edge line extension pavement markings should be installed at ramps where merge areas are not provided (see Figure 3B-19c).*
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- 18 Section 8B.28 contains information regarding the use of stop lines at grade crossings.



Figure 3B-16. Recommended Yield Line Layouts



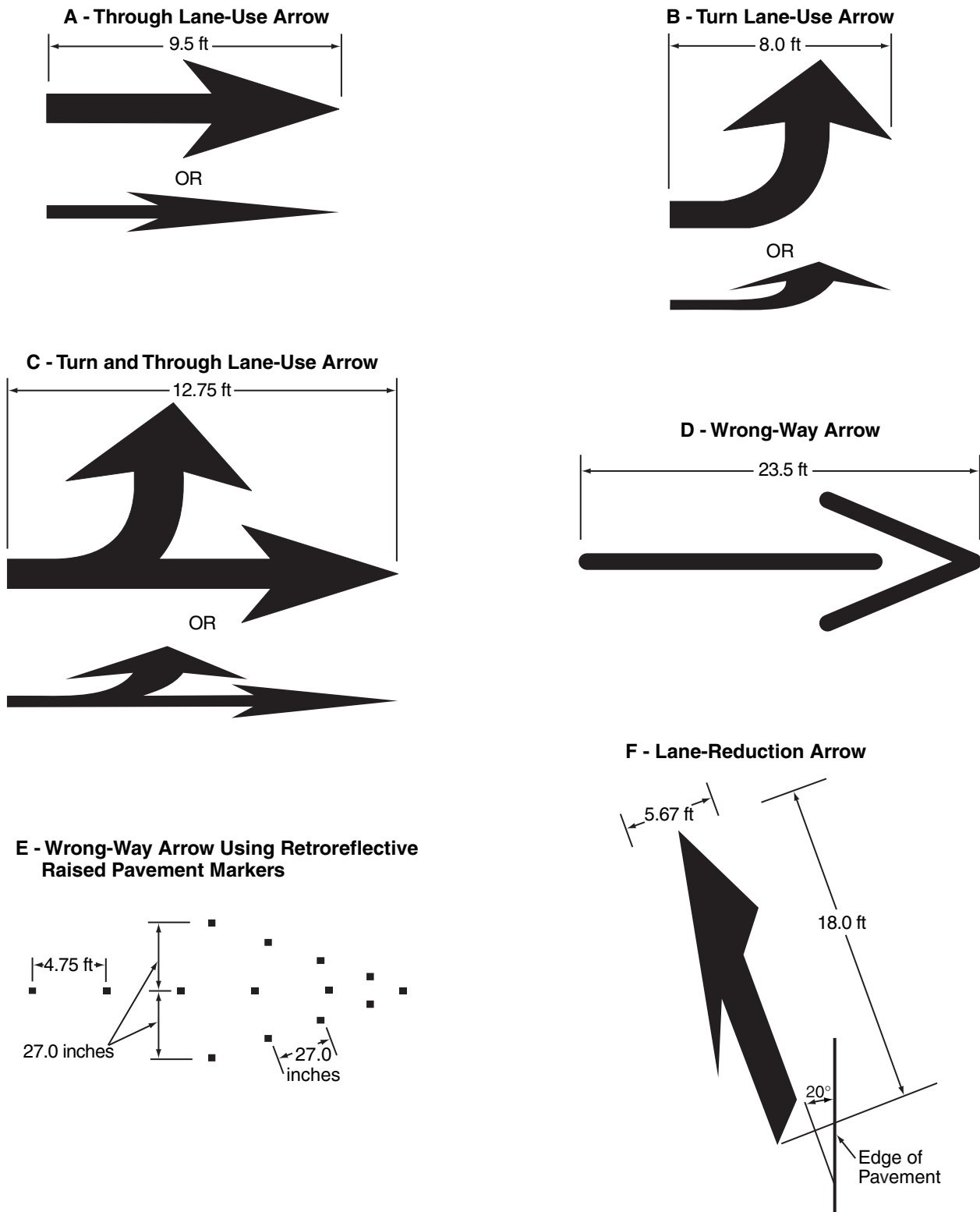
- B. Warning:
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 2. YIELD AHEAD
 3. YIELD AHEAD triangle symbol
 4. SCHOOL XING
 5. SIGNAL AHEAD
 6. PED XING
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 8. R X R
 9. BUMP
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- C. Guide:
 1. Route numbers (route shield pavement marking symbols and/or words such as I-81, US 40, STATE 135, or ROUTE 10)
 2. Cardinal directions (NORTH, SOUTH, EAST, or WEST)
 3. TO
 4. Destination names or abbreviations thereof



Figure 3B-23. Example of Elongated Letters for Word Pavement Markings



Figure 3B-24. Examples of Standard Arrows for Pavement Markings



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Figure 3B-25. Examples of Elongated Route Shields for Pavement Markings

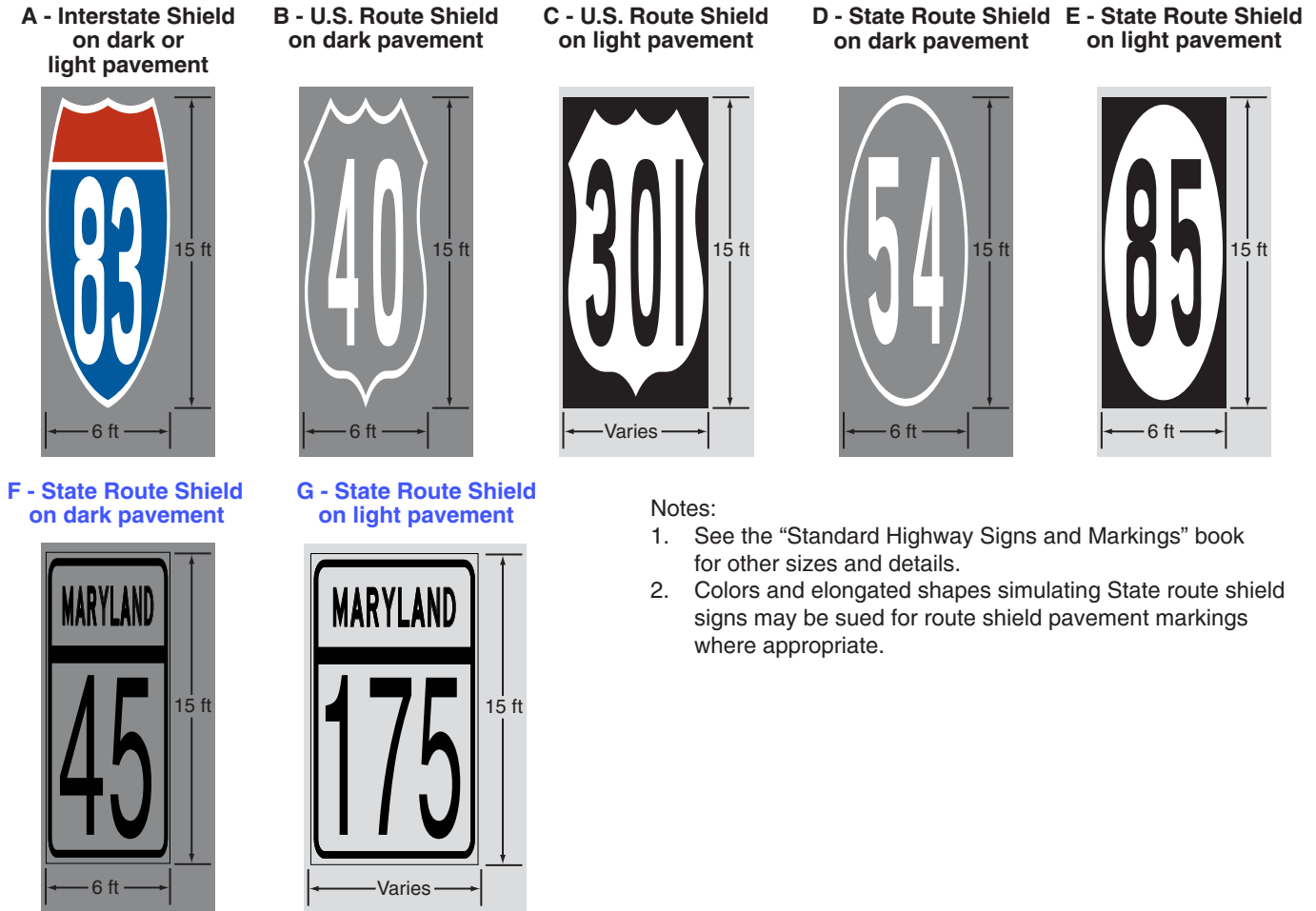


Figure 3B-26. Yield Ahead Triangle Symbols

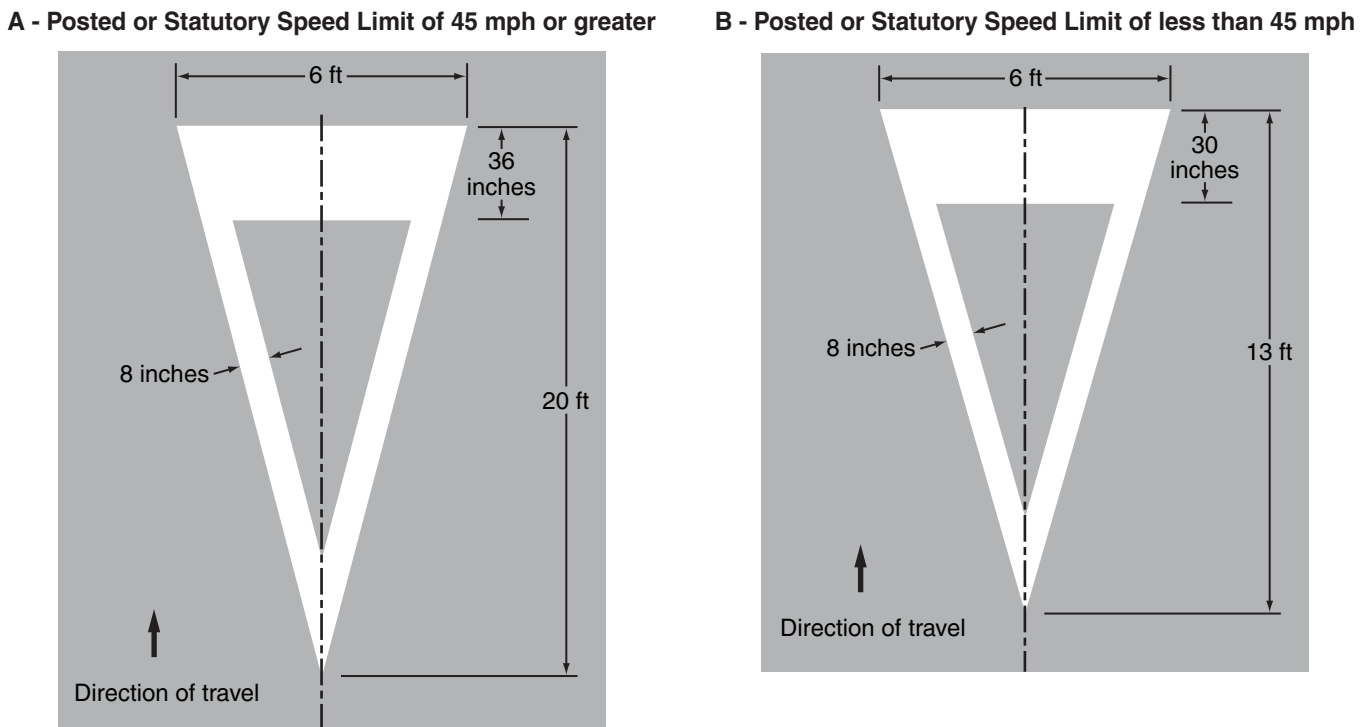


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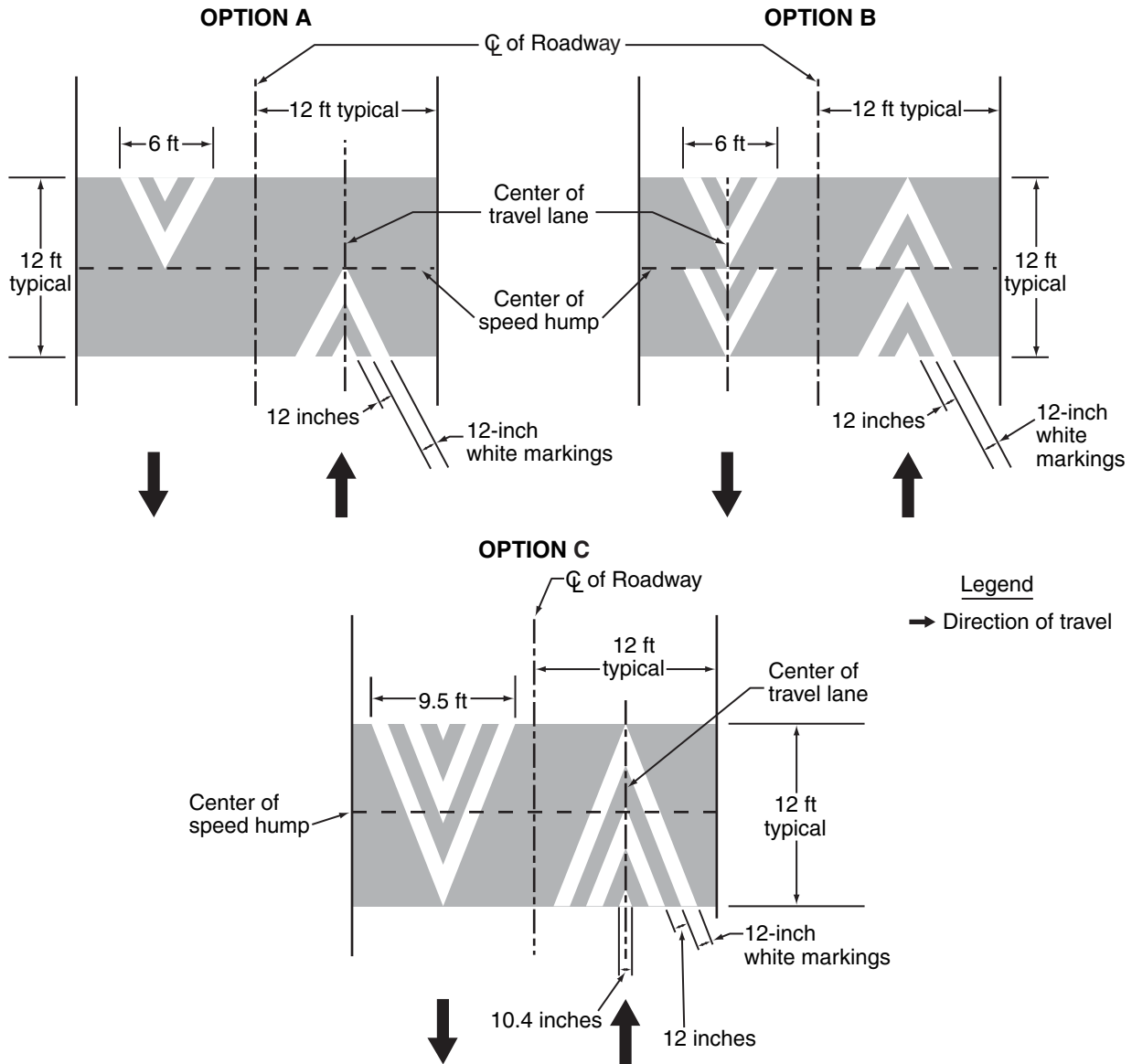
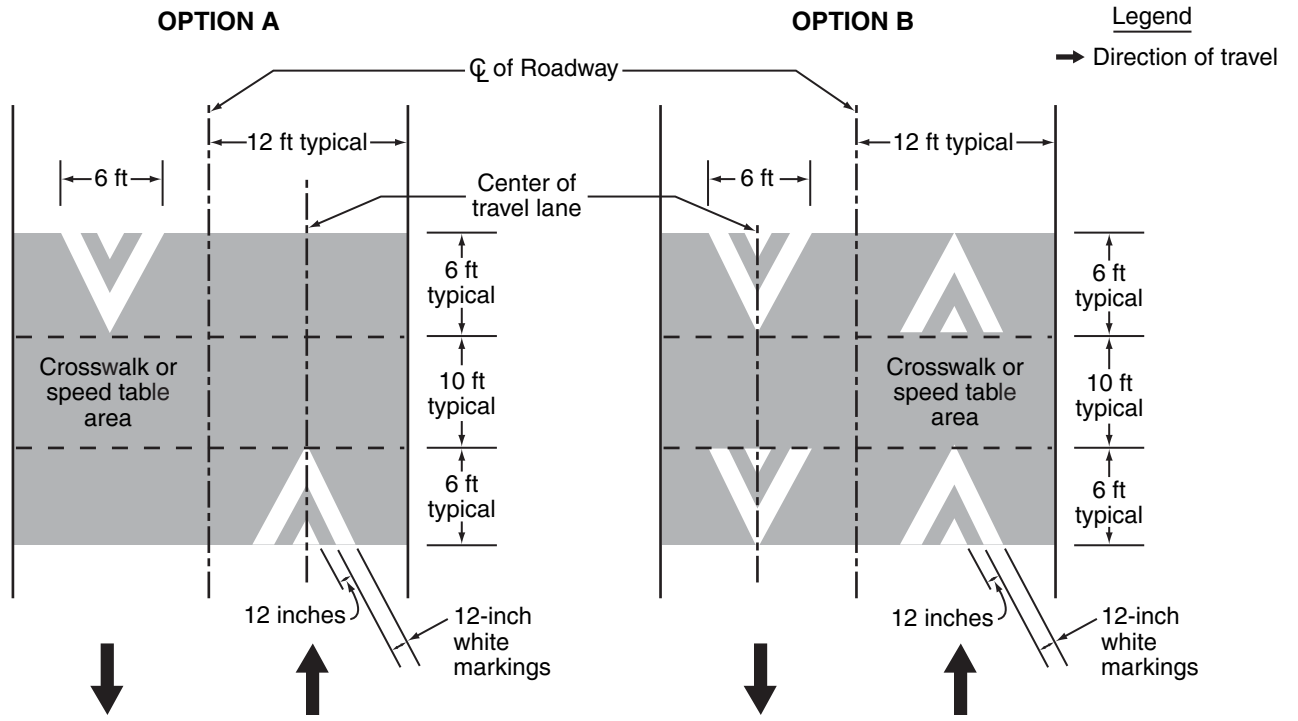


Figure 3B-30. Pavement Markings for Speed Tables or Speed Humps with Crosswalks



Note: Optional crosswalk lines are not shown in this figure