

## NPA Item 340

The *Federal Register* Notice for NPA Item 340 discusses diagonal and chevron markings in Section 3B.25. Their applications are illustrated in many figures including Figure 3J-2 and Figure 3J-5. The following clarifications and improvements are recommended.

1. The rules regarding the directions and colors of the diagonals and chevrons are not as clear as they might be. While Paragraph 04 states, "...the point of each chevron facing toward approaching traffic...", and Paragraph 07 states, "...slant away from traffic in the adjacent travel lanes..." there are two simpler, over-arching rules that would clarify their alignment and colors. Therefore, add the following two Standard statements:

***"Diagonal and chevron markings shall be aligned diagonally-forward to the direction of travel of the adjacent travel lanes."***

***Diagonal and chevron markings shall be the same color as the longitudinal markings to which they connect."***

2. The chevron and diagonal markings shown in Figure 3J-2, illustrations A and B, are not consistent with the text in Section 3B.25. Inexplicably both illustration A and illustration B show no chevrons although a neutral area is shown. In addition, illustration B should show both white chevrons for diverging and converging traffic in the same direction and yellow chevrons for diverging traffic in the opposing direction. See my manually edited revisions of Figure 3J-2, attached.

3. The edge line and diagonal lines are not consistent with the text in Section 3B.25 since they show the wrong color adjacent to the island for the diagonal roadway in Figure 3J-5. Assuming the top of the figure is "north" there is a direction of travel proceeding northwest on the diagonal roadway. Once traffic in that direction reaches the nose of the island there is no longer any opposing traffic. Thus, the edge line and the four diagonals adjacent to that traffic should be white, not yellow as shown. See my manually edited revisions of Figure 3J-5, attached.