The intended use of this plan is for the temporary installation of Alternative Temporary Concrete Barrier (F-Shape), Narrow Base (see Standard Plan K-80.30) on cement concrete pavement or bridge deck.

1. Use Class 1 when the concrete pavement or bridge deck is 9" or thicker; use Class 2 when it is 6" or thicker.

2. Adjust the location of the anchors to avoid the main reinforcing in the deck when drilling holes.

3. Use shims to properly fit the anchors to the barrier and roadway surfaces.

4. Upon removal of the anchors, clean the bolt holes and fill them with grout according to Standard Specification 6.02.3(20).

5. Type 2 Anchor: Class 1: 6" Min. for Class 2: 8 1/4" Min.

6. For Class 1: 1 1/2" EXPANSION BOLT WITH HARDENED WASHER (TYP.)  
   For Class 2: 3/4" EXPANSION BOLT WITH 4 1/2" MIN. EMBEDMENT

7. For Class 1: PL 1/2 × 3 × 0'-5 1/2  
   For Class 2: PL 3/8 × 3 × 0'-5 1/2

8. For Class 1: L 3 × 3 × 1/2 × 0'-8  
   For Class 2: L 3 × 3 × 3/8 × 0'-8

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.