



## NOTES:

1. All work and materials shall conform to the provisions of Standard Specifications Section 526 - Concrete Barrier.
2. Reinforcing bar designations Type "S" and "CB" refer to type - bending diagrams as shown on the main Reinforcing Steel Schedule. These bars are detailed on the Design Drawings and are included for payment in the Reinforcing Steel pay items.
3. Reinforcing steel shall have a minimum concrete cover of  $1\frac{1}{2}$  inches, except that stirrups Type "S" and "CB" shall have a minimum concrete cover of 2 inches.
4. The first digit following the letters of the mark indicates the size of the reinforcing bar. (FA600 = #6 bar.) All dimensions are out - to - out of bar.
-  5. Minimum lap splice lengths for FA500 and FB700 shall be in accordance with Standard Specifications Subsection 503.07, Splicing.
6. The quantities of reinforcing bars shown are for one barrier end only.
7. Bolt holes in concrete shall be formed by a method approved by the Resident.
8. Payment for threaded rods and bearing plates will be considered incidental to the concrete barrier pay item.
-  9. Permanent Concrete Barrier is designed for attachment of Bridge Transition Type "IA" unless otherwise indicated on the Plans. Refer to Section 606 for details.
10. After installation of the guardrail is complete, upset the threads on the threaded rods in 3 places around each rod, at the junction of the nut and the exposed thread, with a center punch or similar tool.


## MATERIALS:

Concrete ..... Class "LP"  
Reinforcing Steel ..... AASHTO M 31M/M 31, Grade 60  
Bearing Plate ..... AASHTO M 270M/M 270, Grade 36 (Galvanized)  
Threaded rods ..... AASHTO M 314, Grade 105 (Galvanized)

## PERMANENT CONCRETE BARRIER

Supersedes 526(21)

Supplemental  
Standard Detail

 Jan. 3, 2023