


## NOTES:

1. All work and materials shall conform to the provisions of Standard Specifications Section 526 - Concrete Barrier.
2. The Contractor is responsible for ensuring that vertical reinforcing bars TB651 and TB652 are installed prior to placement of the curb or sidewalk concrete. Payment for these bars will be considered incidental to Item No. 526.34, Permanent Concrete Transition Barrier.
3. Reinforcing steel shall have a minimum concrete cover of 2 inches.
4. Quantities of reinforcing bars shown are for one transition barrier only.
5. When the Concrete Transition Barrier is cantilevered over an expansion joint, the nose shall be blocked out as shown.
6. Payment for guardrail anchorage will be considered incidental to the transition barrier pay item.
7. Precast Concrete Transition Curb shall meet the requirements of Standard Specifications Section 609 - Curb. The bridge end of the curb shall be saw cut in the field to fit flush against the backwall, as dictated by the bridge skew angle and the profile grade. Where curbing is specified on the adjacent highway, the transition shall be modified accordingly. Payment for transition curb will be considered incidental to the Concrete Transition Barrier pay item.
-  8. Concrete Transition Barrier is designed for attachment of Bridge Transition Type "IA" unless otherwise indicated on the Plans. Refer to Section 606 for details.
9. After installation of the guardrail is complete, upset the threads on the anchor bolts in three (3) places around each bolt, 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  
Spacer Plate ..... AASHTO M 270M/M 270, Grade 36 (Galvanized)  
Bolts ..... AASHTO M 314, Grade 105 (Galvanized)

# CONCRETE TRANSITION BARRIER

Supersedes 526(38)

Supplemental  
Standard Detail

 Jan. 3, 2023