

**ITEM 04569.09 - PENNSYLVANIA BRIDGE RAIL**  
**ITEM 04569.0901 - TRANSITION, PENNSYLVANIA BRIDGE RAIL TO SINGLE SLOPE**  
**CONCRETE BARRIER**

The requirements of §569 - Permanent Concrete Traffic Barrier for Structures shall apply with the following modifications:

**Subsection 569-1.02 Methods**

Precast concrete construction methods of the concrete traffic barrier will not be allowed.

**Subsection 569-2 Materials**

Rail to post connection automatic welded studs shall meet the requirements of ASTM A307 M.

Anchor bolts shall meet the requirements of ASTM F1554 M, Grade 105 Bolts.

Caulking compound shall meet the requirements of §705-06 Caulking Compound for Structures.

All welding shall conform to AWS D1.5. For welding of tubular material, the AWS D1.1 requirements may be used in addition to the D1.5 requirements. All electrodes used shall be 483 MPa (70 ksi), low hydrogen type.