SP02810 (2018 Specifications: 03-01-20)

# SECTION 02810 – BRIDGE RAIL

***(Follow all instructions. If there are no instructions above a subsection, paragraph, sentence or bullet, then include them in the project but make necessary modifications to only include project specific specifications. Delete specifications that do not apply to the project. Remove all instructions before preparing the final document.)***

Comply with Section 02810 of the Standard Specifications modified as follows:

**02810.10  Shapes, Plates, and bars**‑ Replace this subsection, except for the subsection number and title, with the following:

Shapes, plates and bars shall conform to the following, or as shown or specified:

* ASTM A36

ASTM A572 Grade 50

ASTM F1554 Grade 105

The silicon content of all exposed shapes, plates and bars that are called out on drawings as "Galvanize - Control Silicon", shall be according to 02530.70.

Add the following subsection:

**02810.15  Anchor Adhesive**‑Use one of the following epoxy adhesives from the CPL:

* Hilti HIT-HY200-A

Hilti HIT-RE 500v3, Red Head C6+

Ultrabond HS-1CC