Assignment: At the September 2019 meeting in Columbus, Ohio, a ballot was proposed and accepted by the subcommittee and general committee members present to revise to Article 3.4.1 on shop painting of structural steel. This ballot presents the proposed revised Article 3.4.1.

Rationale: With the recent completion of the rework of the field coatings section, the subcommittee decided to review the Shop Painting of Structural Steel article.

Submitted by: John Sanders, Chair SC8 (Coatings & Special Construction)

Due Date: January 31, 2020

Edit existing Article as shown below (additions shown as **underlined bold red**, deletions shown as **bold red strikethrough**).

3.4.1 SHOP PAINTING OF STRUCTURAL STEEL (20032021) P(2016)

a. Steel surfaces for new structural steel fabrication shall be prepared and painted in accordance with the “Guide Specification for Application of Coating Systems with Zinc-Rich Primers to Steel Bridges” (AASHTO/NSBA Steel Bridge Collaboration publication S8.1) as prepared by the AASHTO/NSBA Steel Collaboration Task Group 8, Coatings, unless another coating system is specified by in the Company contract documents.

b. For welded construction, slag, spatter, rust, loose scale, oil, dirt and other foreign substances shall be cleaned from all welds surfaces prior to painting. Welded joints components shall not be painted until after the associated fabrication work has been completed, inspected and accepted. The surfaces to be painted shall be cleaned of spatter, rust, loose scale, oil and dirt.

c. Shop and field contact surfaces shall not be painted unless required by the Engineer.

d. Weathering steels (ASTM A588; A709, Grades 50W, HPS 50W, and HPS 70W) need not be shop painted provided the shop painting requirement is waived in the contract documents or is otherwise deleted by the Engineer.