

**Supplemental Specification
2017 Standard Specification Book**

SECTION 02841M

W-BEAM GUARDRAIL

Delete Article 1.1, Paragraph A and replace with the following:

- A. W-Beam guardrail, post and blocks, W-Beam and Thrie-Beam guardrail transition element, W-Beam guardrail anchors, W-beam buried in back slope terminals, W-Beam curved guardrail elements, W-Beam guardrail delineation and certification requirements for installation of W-Beam guardrail systems.

Delete Article 2.1, Paragraph A and replace with the following:

- A. W-Beam and Thrie-Beam Rail – Refer to BA Series Standard Drawings.
 - 1. Minimum galvanizing requirement: Refer to AASHTO M 180, Type 1, Class A.

Delete Article 2.3 and replace with the following:

2.3 TRANSITION ELEMENTS

- A. All elements according to BA Series Standard Drawings.
 - 1. Thrie-Beam Steel Connector Plate – Refer to AASHTO M 270.
 - a. Galvanize according to AASHTO M 111 after fabrication is complete.

Delete Article 2.7 and replace with the following:

2.7 W-BEAM GUARDRAIL LONG SPAN

- A. All elements according to BA Series Standard Drawings.
 - 1. W-Beam – Refer to requirements of this Section.
 - 2. CRT breakaway post – Refer to wood post and block requirements of this Section.
 - a. Drill two 3½ inch holes center of post.
 - 1) 32 and 47¾ inches from top of post.

Delete Article 3.3 and replace with the following:

3.3 RAIL ELEMENTS

- A. Drill or punch required holes according to BA Series Standard Drawings before installation.
 - 1. Do not field drill holes in rail element.