

MICHIGAN
DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION
FOR
REVISIONS TO STRUCTURAL STEEL CONSTRUCTION

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APPR:REL:JAB:04-06-26
FHWA:APPR:04-10-26

Delete the first and second paragraphs in subsection 707.02 shown on page 7-64 of the Standard Specifications for Construction and replace with the following:

Provide the Engineer with a Mill Test Report (MTR) from the manufacturer's records that indicates the chemical composition and physical properties of the structural steel material. Provide a *General Certification* in accordance with the *MQAP Manual* stating that the structural steel material meets the contract. If the MTR is unavailable, arrange for chemical and physical property tests and provide a certified copy of the test reports to the Engineer at no additional cost to the Department.

Identify each MTR with the relevant project information (structure number, control section, and project number) and specific member piece mark (as shown in the approved shop drawing).

Delete subsection 707.03.D.3 shown on page 7-66 of the Standard Specifications for Construction in its entirety and replace with the following:

3. Workmanship. Fabricate bridge members in accordance with AWS D1.5, except as modified herein. When flame cutting bridge member flange and web plates, flame cut both edges simultaneously to reduce warpage and distortion.

Fabricate non-bridge structural steel members in accordance with AWS D1.1, except as modified herein.

Delete subsection 707.03.D.5 on page 7-67 of the Standard Specifications for Construction in its entirety and replace with the following:

5. Distortion and Shrinkage. Control distortion and shrinkage in bridge fabrication in accordance with AWS D1.5. Prepare a welding sequence and distortion control program in accordance with AWS D1.5 before the start of welding on bridge members.

Control distortion and shrinkage in non-bridge structural steel members in accordance with AWS D1.1.

Delete subsection 707.03.D.7 on page 7-68 of the Standard Specifications for Construction in its entirety and replace with the following:

7. Dimensional Tolerances. The dimensions of bridge members must comply with the tolerances shown in AWS D1.5, AISC 303, and the contract. The dimensions of other

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structural steel members must comply with the tolerances shown in AWS D1.1, AISC 303, and the contract.