# Acceptance of Structural Steel LPA 15-02A

**1.0 Description.** The following procedures have been established for the acceptance of structural steel. Shop drawings shall be submitted for review and approval to the engineer of record for the local public agency (LPA). The approval is expected to cover only the general design features, and in no case shall this approval be considered to cover errors or omissions in the shop drawings. The contractor shall be responsible for the accuracy of the shop drawings, the fabrication of material and the fit of all connections. All changes in the fabrication and erection work caused by errors in shop drawings and any changes in fabrication necessary for satisfactory results shall be at the contractor’s expense. After shop drawings have been approved, no changes in dimensions or substitution of sections shall be made without written approval from the engineer. Shop drawings shall be revised to show any authorized changes.

*Drafters Note: It is recommended that the contract documents contain the following provisions: Delete if not utilized.*

The contractor shall utilize a fabricator that meets the appropriate American Institute of Steel Construction (AISC) certification provisions as outlined in Sec 1080.3.1.6 of the current version of the *MoDOT Standard Specifications for Highway Construction.* Additional information regarding the AISC certification program can be found on their website, *www.AISC.or*g.

All welding operations, including material and personnel, shall meet the American Welding Society (AWS) specifications. Primary welds shall meet the provisions of Sec 1080.3.3.5.2 of the current version of the *MoDOT Standard Specifications for Highway Construction.* The LPA or their engineer of record has the option of inspecting the steel units during fabrication or requiring the fabricator to furnish a certification of contract compliance and substantiating test reports. In addition, the reports shown below shall be required.

1. Certified mill test reports, including results of chemical and physical tests on all structural steel as furnished.
2. Non-destructive testing reports.
3. Verification of the girder camber, sweep, and other blocking data.
4. Verification of coating operations.

The LPA or their engineer of record shall verify and document that the dimensions of the structural steel units were checked at the jobsite and found to be in compliance with the shop drawings.