

**STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION  
SUPPLEMENTAL SPECIFICATION 863**

**STRUCTURAL STEEL MEMBERS**

**SEPTEMBER 9, 1997**

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**Fabrication Rating Form  
Fracture Critical Fabrication Rating Form  
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**863.01 Description.** This item shall consist of preparing shop drawings, furnishing, fabricating, nondestructive testing, fabricator performed quality control(QC), documentation, cleaning, shop painting, and erecting of all structural steel, and other structural metals, as specified. It shall also include any work required to move existing steel structures to the plan location, to make necessary repairs and alterations, and to connect or join new with old construction.

**863.02 Fabricator Approval Procedure:** Fabricators performing work under this specification shall be Pre-qualified by the Office of Structural Engineering (OSE). Requests for such Prequalification shall be made by the fabricator in writing. The Prequalification process and its requirements are listed in this specification. The Contractor shall select a fabricator from the Prequalified Fabricator List in effect the date of Contract Letting. The Contractor shall inform the District Construction Engineer and the Office of Structural Engineering of the selected fabricator.

**863.03 Fabricator Pre-qualification:** OSE will perform facilities inspections for prequalification evaluation of a fabricator. Fabricators meeting all qualification requirements will be assigned a fabrication level and will be included on the Prequalified Fabricator List. The Prequalified Fabricator list will be updated as necessary by the OSE.

Fabricators shall perform all fabrication in plants located within the continental limits of the United States.

Final conformance of fabrication to contract requirements is the responsibility of the Contractor. A pre-qualified fabricator does not guarantee the Contractor that work performed will meet quality and conformance requirements of the contract.

**863.04 Levels of Fabrication Qualification:** There are seven(7) levels of fabricator qualification. Each fabricator shall be listed at the highest level of fabrication they are qualified to perform.

Level	Description of Capabilities
<b>Misc.</b>	Miscellaneous products not designed to carry tension live load but requiring , shop drawings, material test reports, and inspection quality assurance by the Department such as; curb plates, bearings, expansion joints, railings, catwalk, inspection access, drainage or other products not covered by ODOT standard bridge drawings. Also retrofit cross frames, retrofit gusset plates or retro fit lateral bracing or other misc. structural members not included below
<b>ONE</b>	Single span, straight, rolled beam bridges without stiffeners, secondary and detail materials such as retrofit moment plates.
<b>TWO</b>	Multiple span, straight, rolled beam bridges without stiffeners