

Structural Steel for Bridges - Item No.

Special Provision No. 906F01

November 2022

Amendment to OPSS 906, November 2020 - Structural Steel for Bridges

D906.02 REFERENCES

Section 906.02 of OPSS 906 is amended by the addition of the following:

Canadian Institute of Steel Construction

CISC Steel Bridge Certification Standard, 3rd Edition, 2018

D906.07 CONSTRUCTION

D906.07.01 Fabrication

D906.07.01.07 Welded Construction

D906.07.01.07.01 General

Clause 906.07.01.07.01 of OPSS 906 is amended by the addition of the following paragraph:

The fabrication facility responsible for the fabrication of structural steel for bridge structures shall be certified by the Canadian Institute of Steel Construction (CISC) in the category of complex steel bridges, simple steel bridges with a fracture-critical endorsement, or simple steel bridges without a fracture-critical endorsement according to Table 1.

OPSS 906 is amended by the addition of the following Table:

**TABLE 1
Fabrication Facility Certification Requirement**

Site No. and Structure Name	Scope	CISC Bridge Certification Category
*	*	*

[* Designer Fill-Ins for Table 1, See Notes to Designer]

NOTES TO DESIGNER:

Designer Fill-Ins for Table 1:

- * The designer shall specify the fabrication facility certification requirement for each bridge based on project-specific requirements by filling in the Table 1. Under the “CISC Bridge Certification Category”, the designer shall insert “N/A” for structural steel repairs or structural steel fabrication that does not include primary members.

The Designer shall fill in Table 1 with the site number and name for each bridge and one of the following Bridge Certification Categories as applicable:

- a) Complex Steel Bridges - bridge superstructures or other components consisting of spliced rolled sections and welded plate girders.
- b) Simple Steel Bridges with Fracture-Critical Endorsement - bridge structures consisting of unspliced rolled sections, may include fracture critical members.
- c) Simple Steel Bridges without Fracture-Critical Endorsement - bridge structures consisting of unspliced rolled sections, may not include fracture critical members.

Example Table 1:

TABLE 1
Fabrication Facility Certification Requirement

Site No. and Structure Name	Scope	CISC Bridge Certification Category
11-245, Bay of Quinte Skyway Bridge	Fabrication of bridge superstructure, consisting of welded plate girders.	Complex Steel Bridges
9-2, Argyle Street Bridge	Fabrication and installation of W200 and W760 beams and associated supports.	Simple Steel Bridges without Fracture-Critical Endorsement
11-245, Bay of Quinte Skyway Bridge	Gusset plate repair, consisting of drilling core relief holes and performing finish grinding.	N/A
20-157, Big Otter Creek Bridge	Structural steel repairs to girder ends, field splices, and fatigue details.	N/A

WARRANT: Always with this tender item.