

AMENDMENT TO OPSS 920, APRIL 2004, AND OPSS 1210, NOVEMBER 2003

Special Provision No. 109S47

November 2004

OPSS 920, April 2004, Construction Specification for Deck Joint Assemblies, Preformed Seals, Joint Fillers, Joint Seals and Joint Sealing Compounds and Waterstops - Structures and OPSS 1210, November 2003, Material Specification for Deck Joint Assemblies are amended as follows:

920.03 DEFINITIONS

Section 920.03 of OPSS 920, is amended by the addition of the following:

Quality Verification Engineer: means an Engineer who has a minimum of three (3) years experience in the field of design and fabrication of deck joint assemblies and/or construction of bridges.

Stamped: means drawings and details that have been reviewed and stamped "In General Conformance with the Contract Documents and Product Drawings". Within the area of the stamp the Quality Verification Engineer shall add his/her legible name, date, and signature.

920.04 SUBMISSION AND DESIGN REQUIREMENTS

920.04.02 Deck Joint Assembly Working Drawings

920.04.02.01 Drawing Content

Clause 920.04.02.01 of OPSS 920, is amended by the addition of the following to the last paragraph:

In the event of any inconsistency or conflict in the content of the product drawings and contract documents, the contract documents shall take precedence and govern.

920.04.02.02 Submissions of Drawings

Clause 920.04.02.02 of OPSS 920 is deleted.

920.04.02.03 Return of Submission

Clause 920.04.02.03 of OPSS 920, is deleted and replaced with the following:

920.04.02.02 Return of Submissions

All submissions shall bear the seal and signature of an Engineer. For the purpose of this subsection only, this Engineer will not be permitted to carry out the work of the Quality Verification Engineer.

The Contractor shall provide to the Quality Verification Engineer, for information purposes only, one set of currently approved Ministry product drawings.

The Contractor shall submit to the Quality Verification Engineer deck joint assembly working drawings for review and stamping.

The Contractor shall submit to the Contract Administrator, for information purposes only, three (3) sets of stamped deck joint assembly working drawings prior to commencement of fabrication of expansion joints.

The deck joint assembly manufacturer shall not commence fabrication of the joint assembly until he has received one set of the stamped deck joint assembly working drawings. These drawings shall be retained at the manufacturing plant during the joint assembly fabrication.

The Contractor shall have a stamped copy of the deck joint assembly working drawings at the site prior to and during installation of the deck joint assembly.

Section 920.04 of OPSS 920, is amended by the addition of the following:

920.04.06 Submission of Certificates of Conformance

920.04.06.01 Certificate of Conformance of Fabricated Expansion Joint

Upon completion of fabrication of the expansion joint and prior to shipment from the fabrication facility, the Contractor shall submit to the Contract Administrator a Certificate of Conformance sealed and signed by a Quality Verification Engineer. The Certificate shall state that the fabricated expansion joint is in general conformance with the stamped deck joint assembly working drawings.

920.04.05.02 Certificate of Conformance of Installed Expansion Joint

Upon completion of installation of expansion joints, the Contractor shall submit to the Contract Administrator a Certificate of Conformance sealed and signed by a Quality Verification Engineer. The Certificate shall state that the installation has been carried out in general conformance with the product drawings and stamped deck joint assembly working drawings.

920.05 MATERIALS

Subsection 920.05.05 is deleted and replaced with the following:

920.05.05 Deck Joint Assemblies

Deck joint assemblies shall be according to OPSS 1210 amended as follows:

1210.04.01.02 Product Drawings

Clause 1210.04.01.02 of OPSS 1210 is amended by the addition of the following:

The product drawings for modular joints shall bear the seals of a design Engineer and checking Engineer.

920.07 CONSTRUCTION

920.07.04 Field Installation of Preformed Seals and Bolted Components

Subsection 920.07.04 of OPSS 920, is deleted and replaced with the following:

Preformed seals shall be installed with lubricant in one continuous piece. Seals shall not be bent more than 30 degrees at any one location.

Prior to installation of the preformed seal, all steel surfaces in contact with the preformed seal shall be cleaned and the gap completely clear for its full length and width to the depth of the bearing seat. The preformed seal and bolted components shall be installed according to the stamped deck joint assembly drawings. Adhesives and sealants shall not be used.