

## Amendment 006 Questions and Answers

Q1) It is anticipated that the existing coating on the steel deck bearing bars and seats is hot dipped galvanized, is this correct?

A1) The original coating on the open steel deck grating is hot dipped galvanized.

Q2) What field coating repairs are required at the areas of galvanized steel?

A2) Localized coating repairs to structural steel members at locations that currently have galvanized coating shall be as per Part 2.1 of Section 09 91 13.23.

Q3) Please clarify, if the following is correct: under section 01 32 16.19, it states the start of work shall be April 5th, 2021.

A3) The date was supposed to be the start of the work when the documents were compiled by the consultant but due to tender delays it is no longer accurate.

Q4) Please confirm that all single lane closures must be done on night shifts - we ask because this will greatly increase the cost of the project and jeopardize the health and safety of our workers.

A4) All single lane closures must be performed overnight between the hours of 20:00 and 06:00. Night-time provisions shall be in accordance with Ontario Traffic Manual Book 7.

Q5) Can they please provide material grade on parent metal for any field welding for the project? (ref. Section 05 12 33 article 3.8.3.1)

A5) For field welding on the grating and sills, assume the existing steel grade to be G40.21 300W.

Q6) Section 29 05 00 - Part 3.9.2 - Please provide the length of the 1" turned bolts for the span lock receiver (MK-2).

A6) Approximate length is 76mm (3"). Final length to be determined based on field verified thickness of receiver, shims, and live load support mounting plate.

Q7) Section 29 05 00 - Part 3.9.3 - Please provide dimensions of receiver shims.

A7) Approximate shim dimensions are 305mm x 203mm (12" x 8"). New shims, if required, shall match existing.

Q8) Section 29 05 00 - Part 3.10.2.5 [3.10.2.5] - Please provide dimensions of temporary shims.

A8) Recommended temporary shims to be 305mm x 305mm (12" x 12").

Q9) Section 29 05 00 - Part 3.10.5 - Please provide dimensions of permanent shims.

A9) Approximate shim dimensions are 762mm x 762mm (30" x 30"). New permanent shims shall match existing shim plate.

Q10) For tender item 12 Deck Joint Armouring Angle Replacement, we assume as per section 1 of drawing S-02 that the armorng angles are each 7.4m long. Please confirm.

A10) Up until recently there were two angles at each end of the bridge, with lengths of approximately 3.7m each. However, the two angles at each end of the bridge were welded together during the recent interim repair of the angles.