

CLARIFICATIONS
Assignment of R.079800.009
Rideau Canal Jones Falls Locks 39-42 Rehabilitation and Timber Bridge Replacement
August 30, 2018

Question 1: Note 2 on drawing 70 states that at joints less than 50mm wide, the removal of unsound mortar will be paid on linear meters of joint cleaned. What is the item number for this cleaning item??

Answer 1: Note 2 on drawing #70 to be removed. The volume of all removals of concrete in floor include removals of all materials in joints as specified. Repairs to narrower joints will be paid in liner meters under deep pointing item. See Amendment #006.

Question 2: Note 2 on drawing 70 states that at joints wider than 50mm wide, the removal of unsound mortar will be paid based on cubic meters of grout used for repair. What is the item number for this grout item?

Answer 2: Note 2 on drawing #70 to be removed. The volume of all removals of concrete in floor include removals of all materials in joints as specified. Repairs to wider joints is included with the concrete floor reconstruction items. See Amendment #006.

Question 3: We are required to install stop logs at some of the lock for dewatering. Will Park Canada supply these stop logs?

Answer 3: Stop logs for dewatering Lock 39 and 42 will be provided by Parks Canada.

Question 4: We assume the “100mm thick grout pad” as noted on Section A/15 is priced in item U22?

Answer 4: 100mm thick grout pad below Lock 39 breast wall (Drawing #15, Section A/15) shall be paid for under Item U22 – “Cast-in-Place Concrete – Fill in Breast Wall”. See Amendment #006.

Question 5: Detail 1 & 2/19 show S10 & S15 rebar/dowels. We assume this is stainless steel rebar. Should there be an unit price item for stainless steel rebar? Are the dowels shown on these details to be priced in item U44 or is there / should there be a separate item for these dowels? What is the length of embedment for these S10M dowels?

Answer 5: Item U44 - “Formed Grout Repair – Lock 39 Downstream Wingwall” (as detailed on drawing 19) shall include all labor and material required to carry out the work, including supply and installation of stainless steel reinforcing bars and dowels. Embedment of dowels shall be minimum 300mm into competent masonry substrate. All references to stainless steel shall be removed. All reinforcing steel and dowels for these repairs shall be galvanized. Galvanized dowels shall be paid under item U88 – Anchor Dowel Type D7. See Amendment #006.

Question 6: For Part A (Locks) is concrete removal by rotating drum grinder/scarifier allowed?

Answer 6: No, concrete removals to be as per Contract.

Question 7: Part 3.9.4 of spec section 01 20 01 states to “reinstatement site to existing condition or better”. Is this reinstatement required each year at the end of the construction season or once at the end of last year of construction?

Answer 7: Contractor to fully reinstate the site after each construction season as per Contract except as specified in Article 3.9 of Section 32 94 00 which pertains to temporary reinstatement measures.

Question 8: Regarding General Scope of Work on drawing 05, for Year 1, item H refers to the lock 40 breast wall. Is this correct? It appears that lock 40 breast wall is completed in year 2 as per Year 2 item S through W?

Answer 8: Drawing 5, General Scope of Work, Year 1, Item H - Reference to Lock 40 breast wall in Item H to be removed.

Question 9: Regarding General Scope of Work on drawing 05, for Year 2, item E and I appear to be the install and removal of heated enclosures but the description is slightly different. Please confirm.

Answer 9: Drawing 5, General Scope of Work, Year 2, item I – “Above waterline” Reference to be removed.

Question 10: Part 1.2.4 of spec section 35 20 22 summarizes the dewatering. Year 2 is not listed for Lock 41 but work is listed under year 2 on drawing 06? Please clarify. Year 3 is not listed for Lock 42, but work is listed under year 3 on drawing 07? Please clarify.

Answer 10: Section 1.2.4 shall be revised to include dewatering for Lock 41 in Year 2. See Amendment #006.

Question 11: Drawing 77 shows the proposed cofferdam upstream at lock 39. Is a cofferdam required downstream of lock 39? What is the normal navigation water level in the Turning Basin downstream of lock 39? What is the normal drawdown (off-season) water level in the Turning Basin downstream of lock 39?

Answer 11: Cofferdam is not required downstream of Lock 39 for the work. Typical off-season water level in turning basin can be seen in photos provided on Drawing P-100 (Photo Sheet 1).

Question 12: Drawing 19 notes a 2m long fill, a 4m long fill and a 1m long fill on the downstream wingwalls of lock 39. Is this fill work to be completed in the dry or by divers? If in the dry is a cofferdam required?

Answer 12: Repair areas are located above the normal off-season water level of the turning basin. No cofferdams or divers required.

Question 13: Is the masonry and related work at the northeast and northwest wingwalls (upstream) at lock 40 above the normal drawdown (off-season) water level in the Turning Basin? If below water level is a cofferdam required? Or is this divers work? Drawing 05 (lock 40) does not note any underwater work with divers?

Answer 13: Typical off-season water level of turning basin is below the elevation of the northeast and northwest wingwalls of Lock 40. No cofferdams or divers are required for work on these wingwalls.

Question 14: As per Answer 7 of Amendment no 4, the completion date is revised to May 7, 2021. On drawing 07 (Part A), the work under Year 3 states "(Fall)". Fall of year 3 would be Sept to Dec 2021. This is after the revised completion date. Please advise if drawing 07 should be revised??

Answer 14: Work on Lock 49 Year 3, Drawing 07 (Part A), is to be completed in the Fall of Year 3 Construction - Fall of 2020.

Question 15: As per Amendment no 4, we are to include Supply and installation of Decking, curbs and railings. Is the Decking, curbs and railings to be as shown on drawing 82? Is there any specs for Decking, curbs and railings? Drawing 82 shows Decking, curbs and railings on the temporary bridge, should we assume that this Decking, curbs and railings are not provided with the bridge? Can you provide a photo of the bridge in its current condition?

Answer 15: Decking, curbs and railings as shown on Drawing 82 are to be supplied by the Contractor. The bridge does not have decking, curbs and railings. See attached photo which shows two bridges with one sitting on-top of the other. The bridge available for use on this project is the one on the bottom (black paint) which does not have a timber deck, curbs or railings.

Question 16: Spec section 01 20 02 states that the temporary bridge is to be picked up and returned to the Rideau Canal - Southern Sector Depot. Where is this depot located?

Answer 16: Davis Lock Rd, approximately 600m southwest of Hwy 15 (Elgin).

Question 17: Part 1.6.1.30 of spec section 01 22 01 refers to repainting existing wood deck. All the wood deck is being replaced as per the drawings. Please clarify of location of existing wood deck?

Answer 17: Item 26 refers to painting of new members and Item 30 refers to repainting of existing wood dock members. Scope of painting is defined in Part B, Section 06 10 00, Clause 2.1.3.