

EQ754-200150/A – Rideau Canal – Ottawa Walls Repairs – Clegg Street Area:
Addendum 1 Text

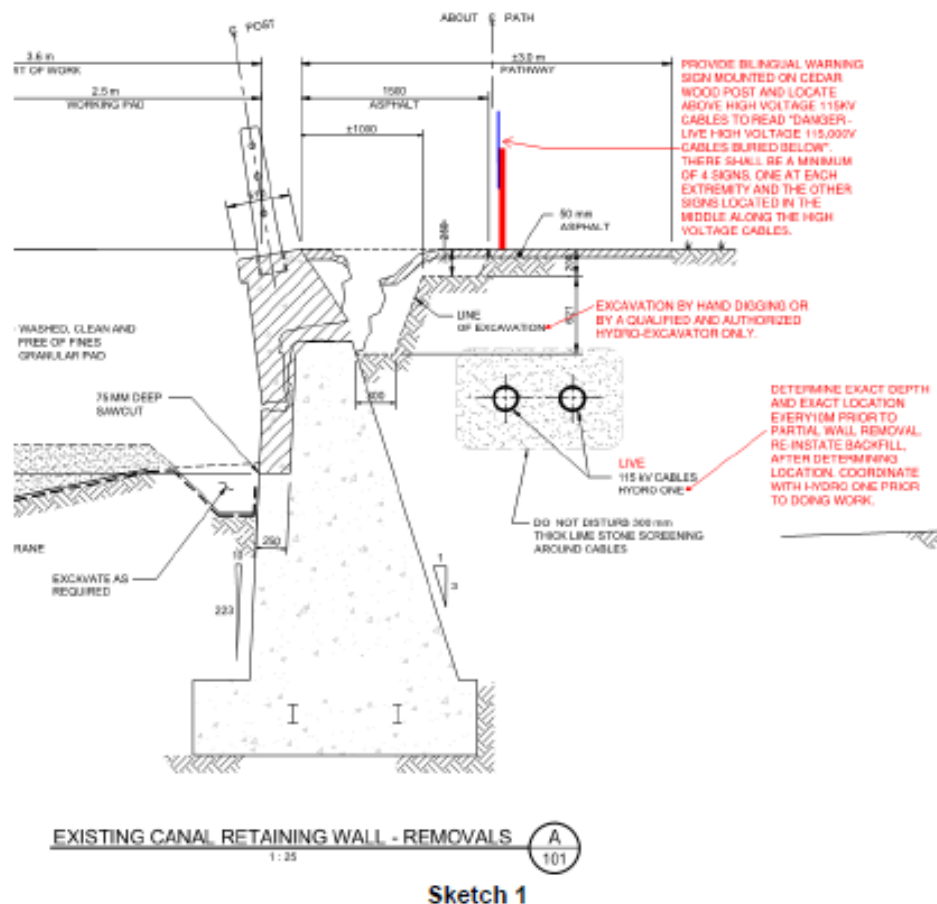
August 22, 2019

This addendum is issued to amplify, correct, change or clarify the contract documents and shall become part of all the contract documents. Contractors shall include all costs associated with this addendum in their bid price. Contractors shall note on their tender submitted with their bid that this addendum is included.

The Tender Document are to be amended as follows:

1. Reference Drawing 101 and the following:

a. Revise Detail A, “Existing Canal Retaining Wall – Removals” as shown in the sketch below
Sketch-1.



2. Reference Specifications Section 01 11 00 General Instructions, and the following:

a. Revise 1.12 “PROTECTION OF EXISTING UNDERGROUND FACILITIES” to read

“PROTECTION OF EXISTING UNDERGROUND *HIGH VOLTAGE UTILITY CABLES*”.

b. Revise 1.12.1 “Prior to excavating, locate and expose existing underground utilities...” to read

“Prior to excavating *contact Hydro One representative to determine the approximate cable depth at the work site*, locate *exact depth and location* and expose existing underground utilities...”

c. Add new item #5 to 1.27 SIGNS AND SAFETY DEVICES:

- “Provide legible signs (minimum size 610mm x 915mm) suitable for outdoor use with the words “DANGER - Live High Voltage 115,000v Cables Buried Below” and “DANGER – Haute Tension – Enterré Ci-Dessous” in letters that are not less than 60mm in height on a contrasting background shall be posted directly above grade during construction at a minimum of 4 locations. The intent is to provide awareness to the contractors onsite, of the direct buried HV cables buried below.”

d. Add new item #9 to 1.36 SCHEDULING:

- “Prior to doing any work near HO high voltage 115kV cables, Contact HO at least two weeks before excavation work, to schedule the attendance of the HO Representative and to inform and coordinate with HO of the proposed scope of work around the cables and cable trench”.

3. Reference Specifications Section 01 35 29 Health and Safety Requirements, and the following:

a. Add new item #2 to 1.3.2 Canadian Standards Association (CSA):

- “CSA Z462-15, Workplace Electrical Safety Standard”.

b. Add new item #2 to 1.20 MECHANICAL EQUIPMENT:

- “No mechanical equipment (such as boring, auguring or ramming etc.) is operated within 1m of any existing direct buried high voltage utility cables.”

4. Reference Specifications Section 31 23 15 Excavating and Backfilling, and the following:

a. Add new item #10 to 1.1.3 WORK INCLUDES BUT IS NOT LIMITED TO:

- “Supply and install backfill that satisfies Hydro One specification. Obtain from Hydro One employee providing the locate at start of project.”

b. Add new item #4 to 1.3 PROTECTION:

- “Within one meter of Hydro One high voltage cables, ensure that step and touch potentials are controlled by the use of an equipotential work zone prior to operating hydrovac equipment. Protect the public and all workers from these potential hazards.”

c. Add new item #6 to 1.6 REFERENCES:

- “Requirements determined by Hydro One in its discretion, at time of construction.”

d. Add new item #6 to 1.13 SUBMITTALS:

- “Submit backfill specifications to Hydro One for approval.”

e. Add new item #8 to 2.1 BACKFILL MATERIALS:

- “Backfill shall satisfy Hydro One specifications. Coordinate with Hydro Ottawa at start of the project.”

f. Add new item #6 to 3.5 HYDROVAC AND COMMON EXCAVATION:

- “Prior to doing any work near HO high voltage 115kV cables, Contact HO at least two weeks before excavation work, to schedule the attendance of the HO Representative and to inform and coordinate with HO of the proposed scope of work around the cables and cable trench:
 - .1 HO must be present at the initial daylighting of the cable.
 - .2 No excavation shall be performed within 1m (one meter) of Hydro One's underground cables except in the presence of a HO representative;
 - .3 After the excavation is completed, coordinate with HO the application of high voltage blankets, and coverings for the cable as required.”

g. Add new item #8 to 3.6 BACKFILLING WITH GRANULAR BACKFILL:

- “Where exposed utility cable sections shown, do not replace backfill until after Hydro One representative on site has inspected all sections of exposed cable following backfill removal and has found the said cable to be satisfactory. Only use backfill that satisfies HO specifications. Coordinate with HO for backfill specifications.”

2 – Pedestrian Traffic detour.

Contractor shall develop and submit the final plan for pedestrian and cyclist detour using the detour path indicated in Figure 1; which replaces the proposed pedestrian detour plan shown on cover sheet of tender drawings. The final detour plan shall be design accordance to the City of Ottawa’s applicable regulations and standards.

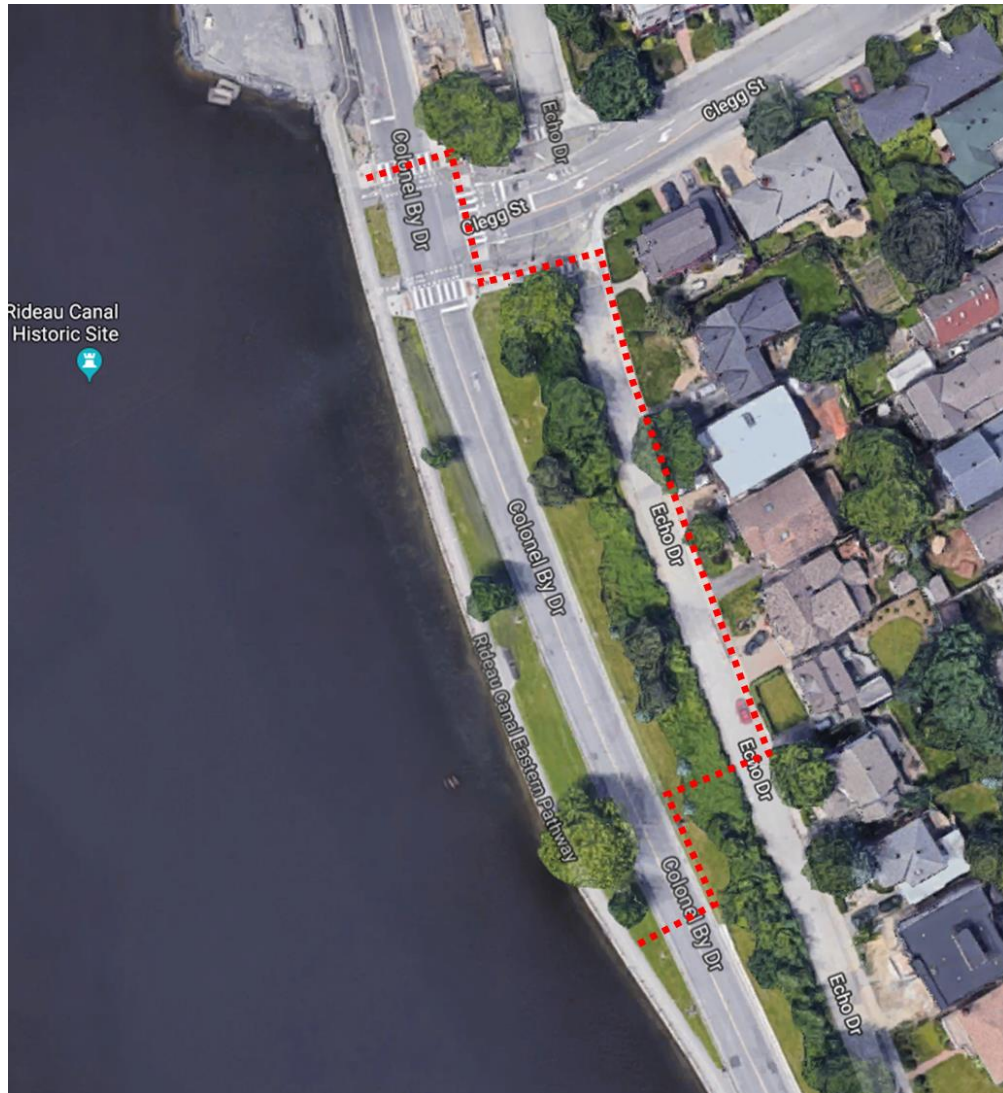


Figure 1-

Notes for pedestrian traffic detour:

1. Clear shrub on median between Echo Dr. and Colonel By Dr. Clearing of shrub to max width of 3m. Reinstall all ground to original material/shape and replace removed shrubs with similar plants.
2. Ensure that the detour pathway through median remains outside the drip line of trees, and provide tree protection as required.
3. Pathway through median between Echo Dr. and Colonel By Dr. and on the median between Colonel By Dr. and the canal pathway shall be paved in accordance to the specifications.
4. Concrete curb on either side of Colonel By Dr. will need to be lowered at the pathway to facilitate smooth transition to and off the road. The removed curbs shall be reconstructed after removal of pathway.
5. Maximum pathway grade to be 1:12 (8%) and shall be barrier free design.

6. Pedestrian crossing on Colonel By Dr. to have a pedestrian crossing signals which will need to coordinated/interfaced with the traffic signal at Clegg St. to minimize traffic impact, meeting all pedestrian crossing of the City of Ottawa regulations and standards.

3 – Excavated soil disposal

3.1 Specifications Section 01 74 20, add new paragraphs 1.1.2.1 as follows:

1. During construction the native silty clay underlying the fill could be stockpiled and sampled under the supervision of a Qualified Person and following the minimum stockpile sampling frequency as defined by O.Reg. 153/04 Records of Site Condition. If the results of the stockpile sampling meet 2011 MOE Table 9 standards the soil could be reused either on-Site or at a MOE approved Receiving Site if it meets MOE Table 3). If reuse is not possible, the material would most likely be considered waste and will require disposal at a licenced waste disposal site. All materials to be removed from the Site as waste and to be disposed of at a landfill will require classification in accordance with Ontario Regulation 347 to confirm that it is a solid, non-hazardous waste prior to its removal.

3.2 Specifications Section 01 74 20, add new paragraphs 1.8.5 and 1.8.6 as follows:

5. During construction activities, any fill removed or disturbed from the West parcel should be disposed of at a licensed disposal facility as waste.
6. Any material removed from the Rideau Canal bed should not be returned to the waterway. Any material removed from canal bed shall be tested for contaminants and disposed accordingly.