Navigation Protection Program Programs Group Transport Canada

Our file: 2019-500284

## **APPROVAL**

APPLICANT:

BC Hvdro

Ste 600, Four Bentall Centre, 1055 Dunsmuir St. PO Box 49260

Vanouver, British Columbia V7X 1V5

WORK:

Bridge

SITE LOCATION:

Located at approximately 56.24356, -121.15957, located on unsurveyed foreshore or land covered by water being part of the bed of Peace River Side Channel (Water Crossing #C3) - Section 31 Township 83 Range 20 West of the 6th Meridian Peace River District Except the North East 1/4

Peace River, in the province of British Columbia

As per the application (detailed above) to the Minister of Transport, submitted pursuant to the *Canadian Navigable Waters Act*, for an approval of the work per the six (6) attached plan(s), the Minister hereby approves the work pursuant to subsection 7(6) for the construction, of the above mentioned work, in accordance with the following terms and conditions:

- 1. The CNWA Approval and its Terms and Conditions shall be posted at an easily accessible place at the worksite, and be provided to the contractor conducting the work.
- The owner shall provide information about the causeway location and clearance using the Boater Communications Protocol, and post the information on the owner website, on a page related to the project.
- 3. The temporary bridge deck is to be removed prior to open water season.
- 4. Upon termination or decommissioning of the above works, all structures and associated equipment shall be completely removed without delay.

SIGNED on December 2, 2019 in Pacific

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Jonn Leeden

**Navigation Protection Program** 

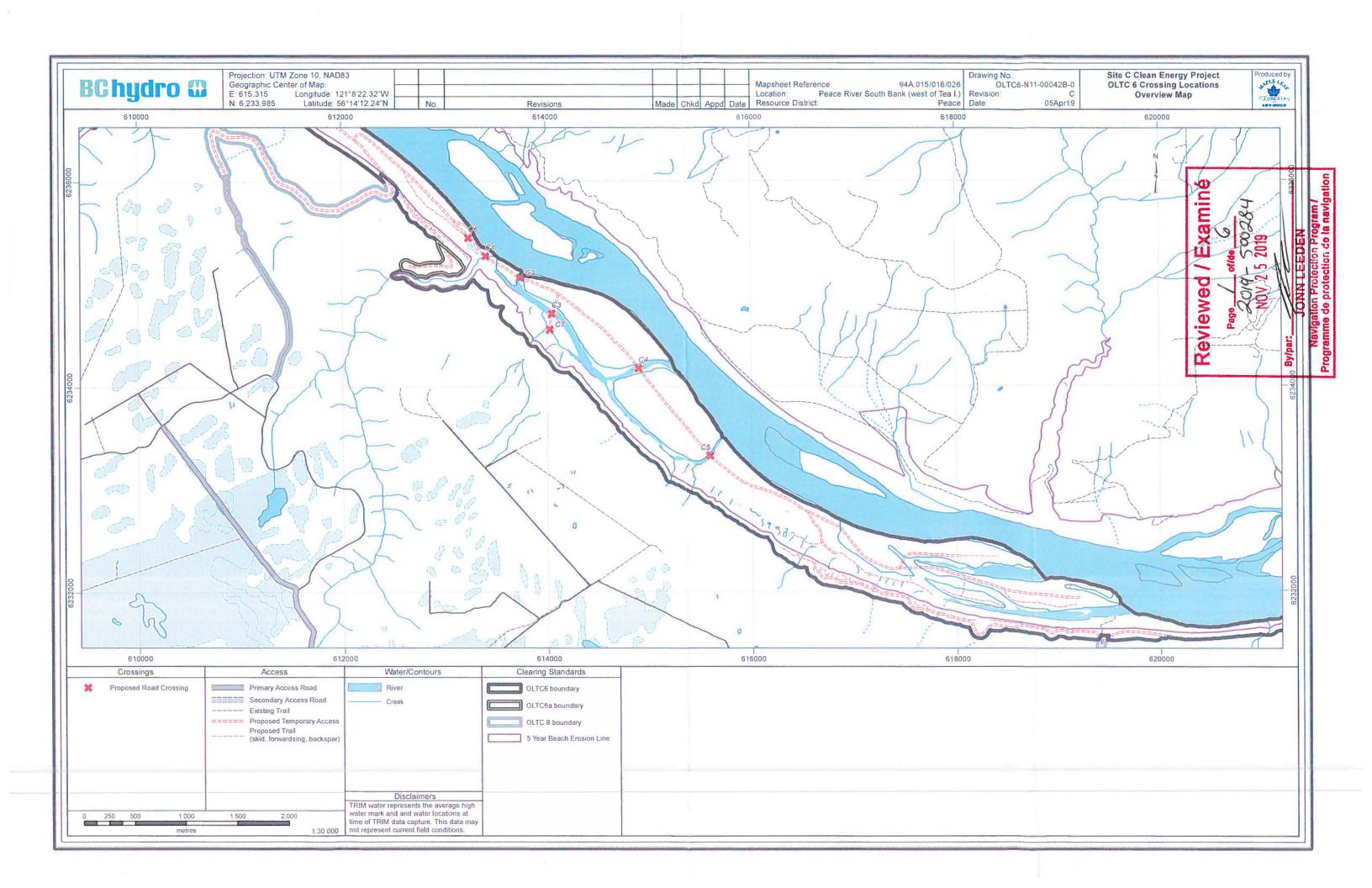
Programs Group

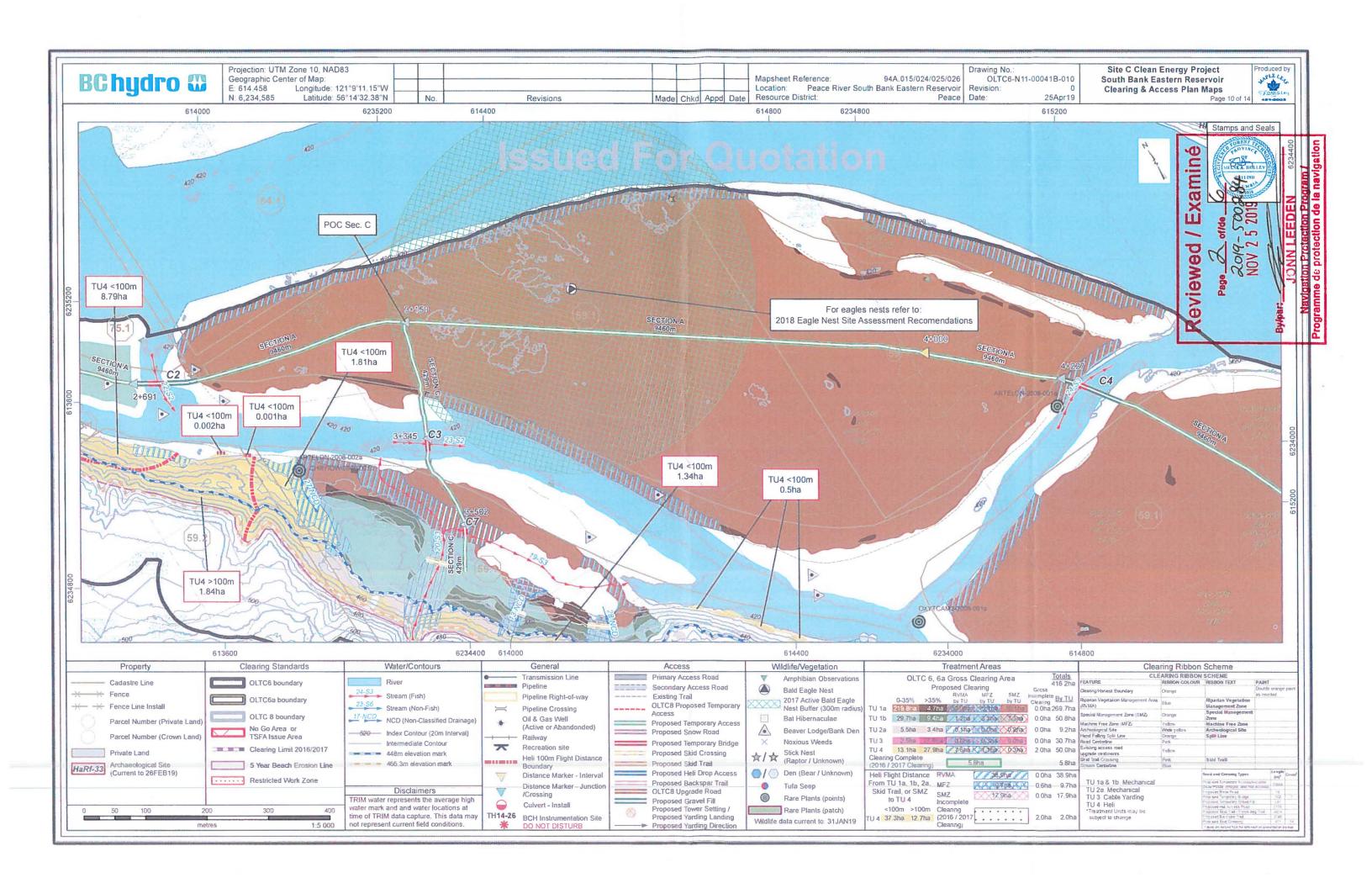
Transport Canada

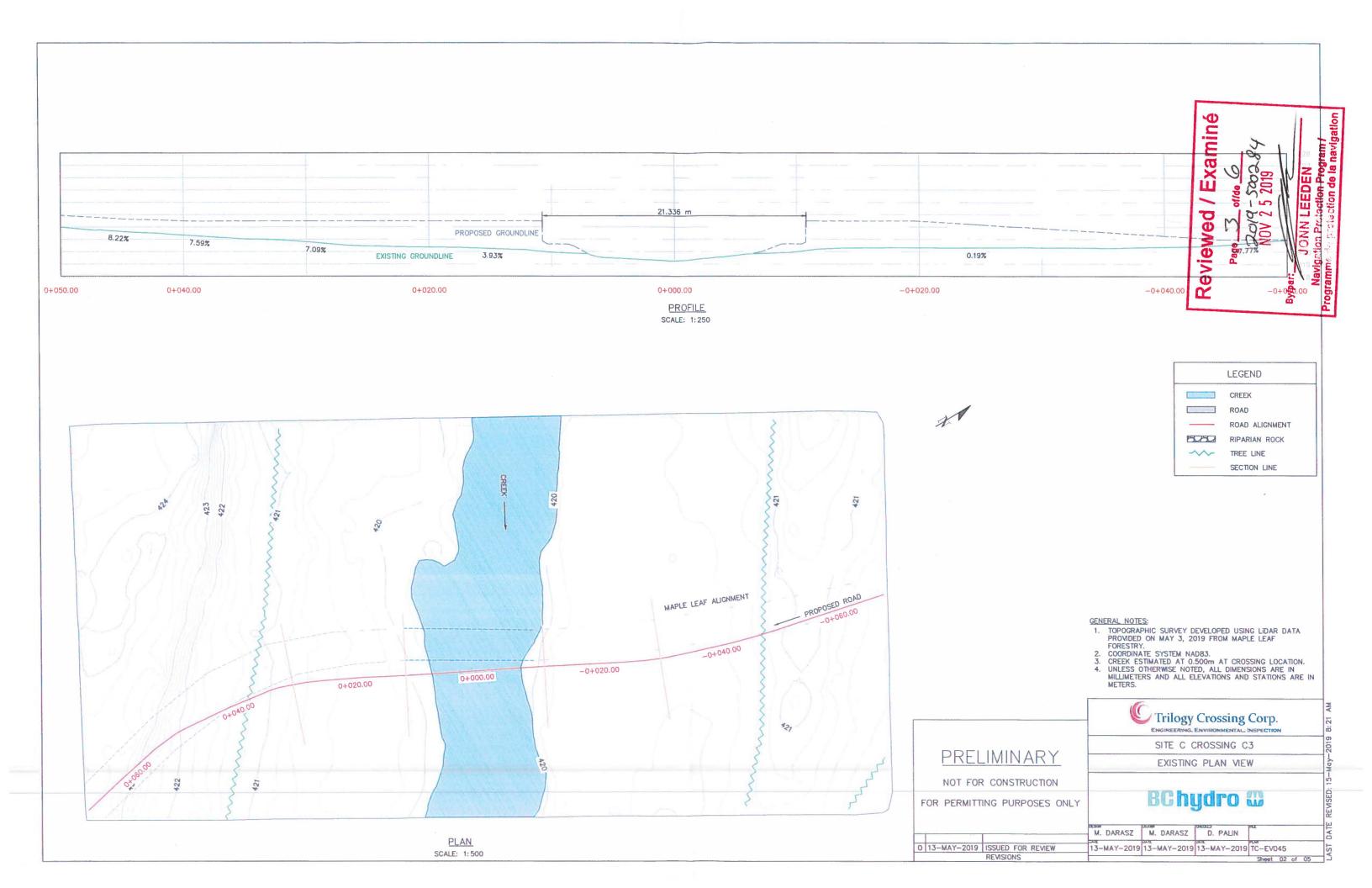
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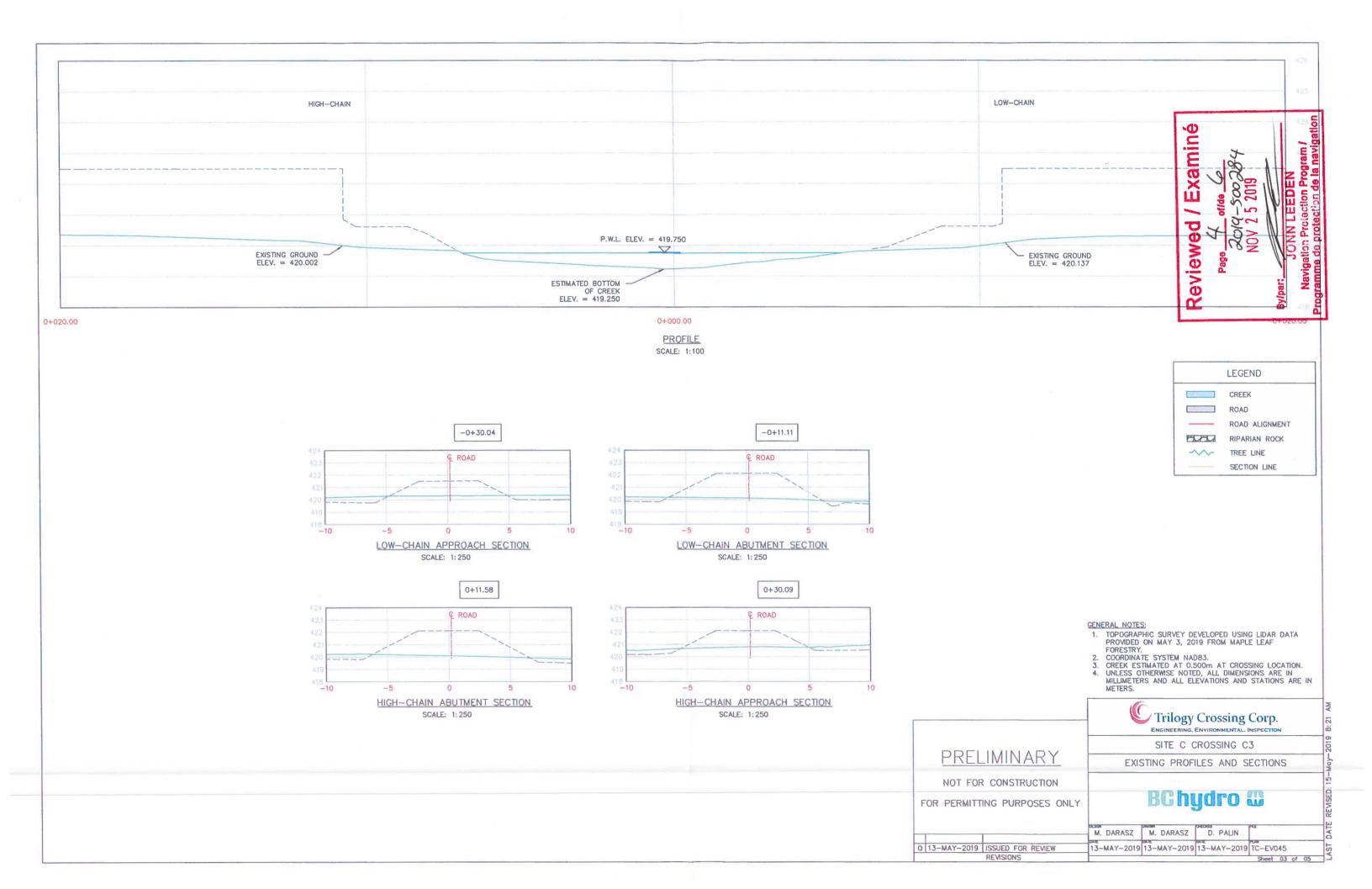
For the Minister of Transport

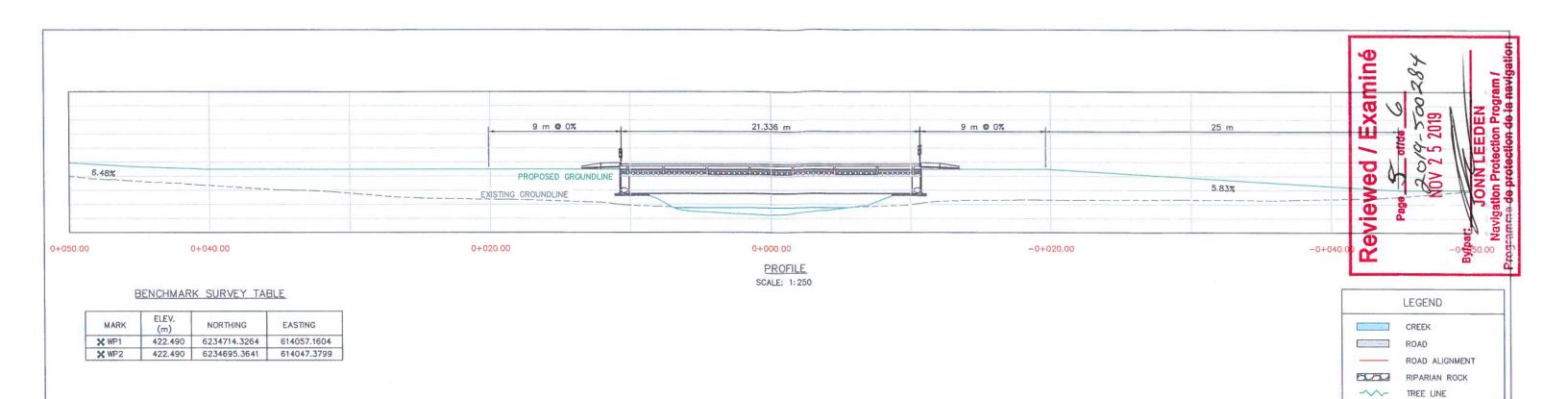


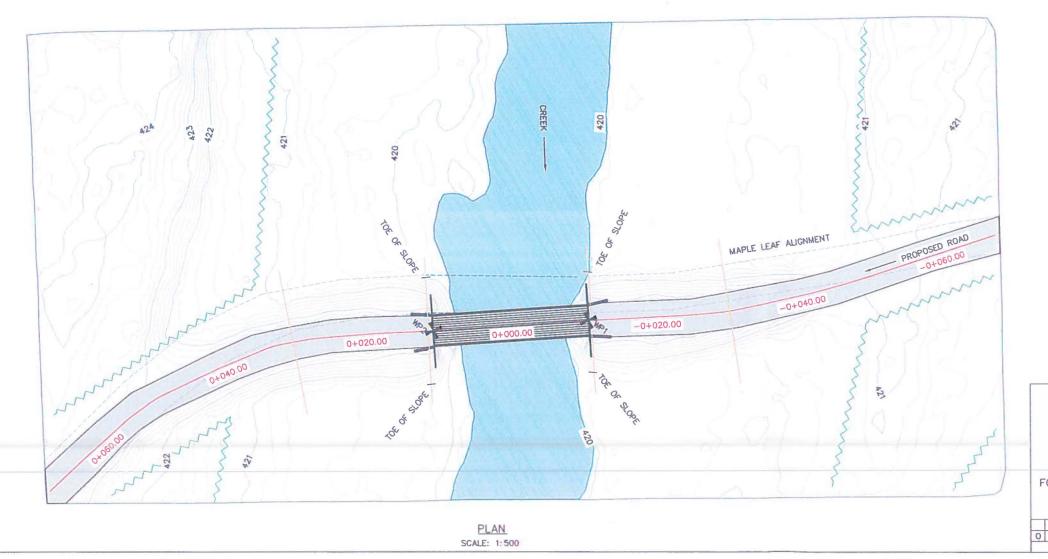












## GENERAL NOTES:

- BRIDGE SUPERSTRUCTURE AND SUBSTRUCTURE TO BE CERTIFIED AT A MINIMUM CL-625 LOADING.
- INITIAL BRIDGE LENGTHS DETERMINED BY MAPLE LEAF FORESTRY; BRIDGE LENGTH AND FINAL LOCATION TO BE VERIFIED BY MEASUREMENT PRIOR TO INSTALLATION.

SECTION LINE

- BRIDGE SUPERSTRUCTURE AND SUBSTRUCTURE TO BE CERTIFIED BY A PROFESSIONAL ENGINEER DURING CONSTRUCTION AND AN AS—BUILT PLAN PRODUCED AFTER CONSTRUCTION.
- 4. PERMITS: OBTAINING, SUBMITTING, AND RECEIVING APPROVAL SHALL BE THE RESPONSIBILITY OF OWNER PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

  5. UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE IN MILLIMETERS AND ALL ELEVATIONS AND STATIONS ARE IN
- METERS. AND ALL ELEVATIONS AND S

- ESTIMATED VOLUMES:

COMPACTED ENDFILL: EXCAVATION: NET FILL:

1161 m<sup>3</sup> 21 m<sup>3</sup> 1140 m<sup>3</sup>

- BACKFILL SHALL BE PLACED IN LAYERS NOT EXCEEDING 300mm IN LOOSE THICKNESS AND EACH LAYER SHALL BE COMPACTED TO A MINIMUM 95% STANDARD PROCTOR DENSITY OVER THE ENTIRE SURFACE.

## ENDFILL:

 ENDFILL SHALL BE COMPLETED WITH WELL GRADED, SELECT, GRANULAR MATERIAL (<75 mm), FREE OF UNSUITABLE MATERIALS, IN LIFTS OF 300 AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.

