



Navigation Protection Program (NPP)
820-800 Burrard Street
Vancouver BC
V6Z 2J8

Our File: 2020-502014
Registry Number: 1114

APPROVAL

OWNER: BC Hydro
9 Floor - 1111 W Georgia St
Vancouver, BC, V6E 4G2

WORK(S): Bridge

SITE LOCATION: Located at approximately 56°16'30.00"N, -121°14'13.726"W, on unsurveyed crown foreshore or land covered by water being part of the bed of Peace River, NW 1/4 of Section 10, Township 84, Range 21, Plans 24410, PGP38491, EPP67084 and EPP67083, West of the 6th Meridian Peace River District, 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 attached two (2) plans 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 works are to be constructed or installed in accordance with the reviewed plans.
2. Construction equipment used in conjunction with this project shall be stored in such a manner that it does not obstruct navigation.
3. 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.
4. Upon termination or decommissioning of the above works, all structures and associated equipment shall be completely removed without delay.
5. A safe navigation channel shall be maintained for the duration of construction. To ensure public safety, any temporary closures to vessel traffic shall be communicated a minimum of 5 days before the temporary closure begins, using the Boater Communications Protocol. The closure shall also be posted on the owner's public facing website, on a page related to the project, a minimum of 5 days before the temporary closure begins.
6. If a temporary closure to vessel traffic will last longer than 5 days, the owner must obtain prior written approval before from the Navigation Protection Program at Transport Canada, a minimum of 10 days before the temporary closure begins.



7. Prior to construction of the temporary detour bridge, warning signs must be installed and maintained at locations approximately 100 m upstream and downstream of the proposed location. Signs shall be a minimum of 72" x 48", a white background with black lettering, the size of the text shall be at least 15cm tall with the word "WARNING" at 1.5 times the size of the message text. Signs shall be emplaced for the duration of construction of the temporary bridge with text as outlined below.

WARNING
BRIDGE CONSTRUCTION
HAZARDS AHEAD




8. Any construction equipment anchored or left in or on the waterway overnight shall be marked with a yellow flashing light placed on the extremity closest to the centre of the navigation channel and must be visible to upstream and downstream traffic.
9. Upon completion of the temporary bridge, the upstream piers shall be marked with standard W-54 object marker signs on the upstream side, marking the extremity of the piers closest to the centre of the channel. The downstream piers shall be marked with standard W-54 object marker signs on the downstream side, marking the extremity of the piers closest to the centre of the channel.

SIGNED on August 11th, 2020 at Pacific

Eric Leung
NPP Officer
Programs Group
Transport Canada
Pacific Region
For the Minister of Transport



Map Notes:
 1. Datum: NAD83
 2. Projection: UTM Zone 10N
 3. Orthophotos created from LIDAR taken on September 21st - October 1st, 2019
 4. Highway design in progress and subject to change

- Legend**
-  Riprap
 -  Cache Creek detour bridge
 -  Detour road alignment


 **Reviewed/Examine**
 Date: **2020-08-04**

By/par: 
 ERIC LEUNG

2020-502014 **1 of 2**

Navigation Protection Program/
 Programme de protection de la navigation

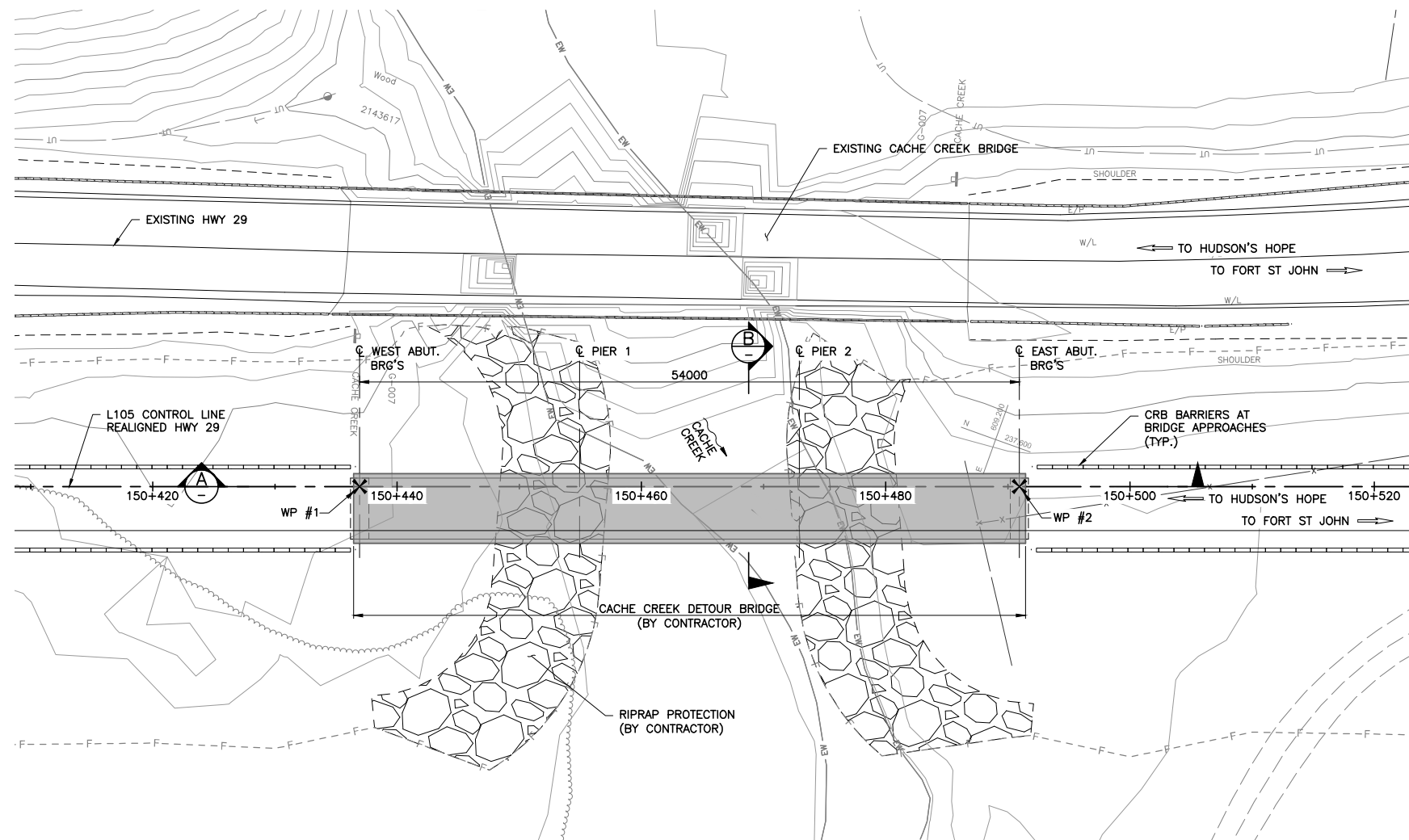
1:3,000 0 25 50 100 m

			
Cache Creek detour bridge, CNWA Application			
Date	Mar 12, 2020	DWG NO	1016-N11-00789
			R 0

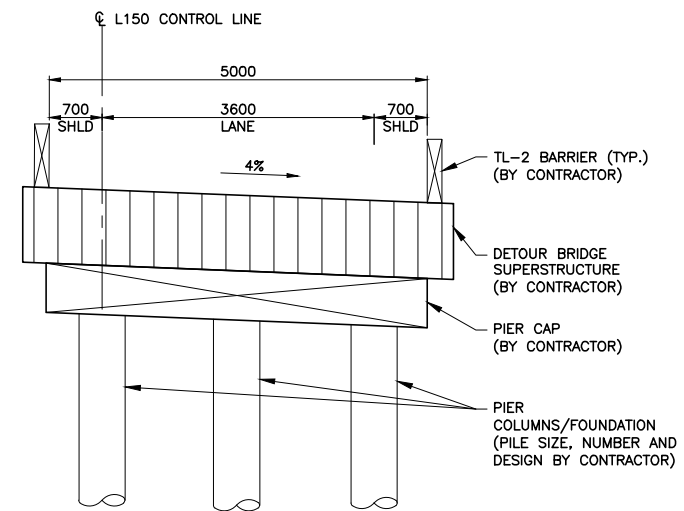
DRAFT - FOR DISCUSSION PURPOSES ONLY - CONFIDENTIAL

Construction of the Site C Clean Energy Project is subject to required regulatory and permitting approvals.

Path: X:\AcGIS\Projects\Permitting\Federal_Permitting\Nav\Proj\Ac\CNWA_CCDetourBridge_1016_M11_00789.mxd



PLAN
SCALE 1:250



CINEMATIC SECTION (B)
SCALE 1:50

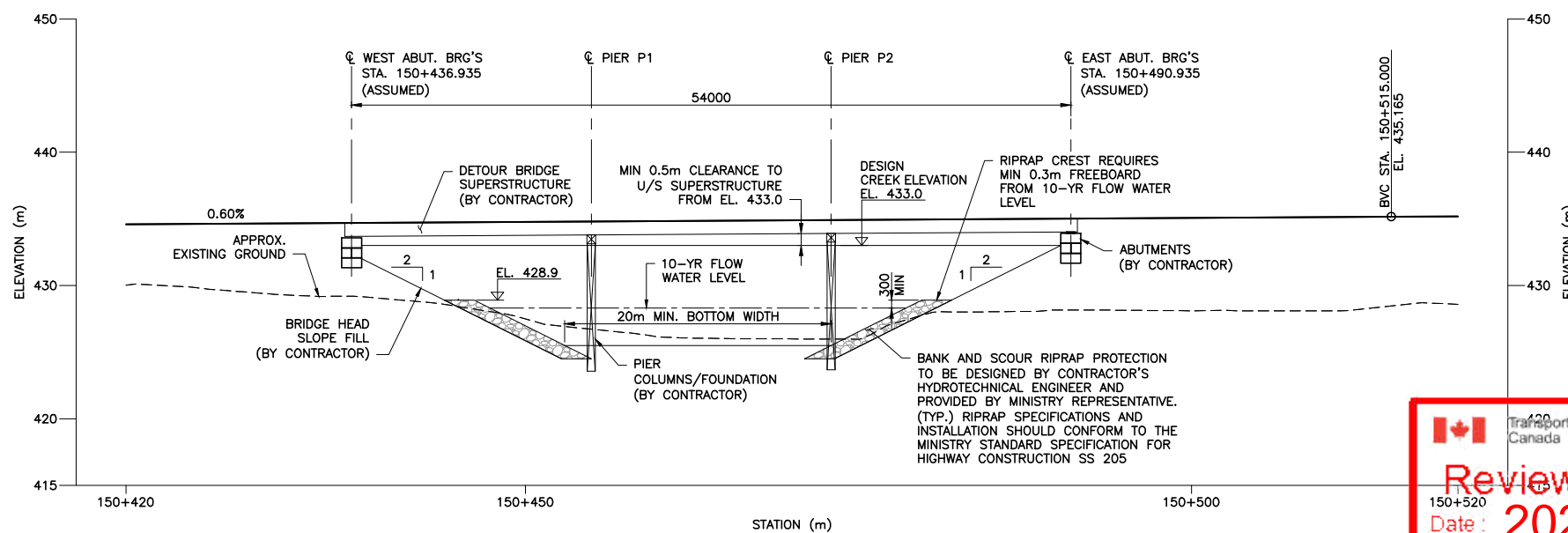
REFERENCE NOTES:

1. BASE MAPPING CREATED FROM LIDAR INFORMATION PROVIDED BY BC HYDRO IN 2015/2018 AND FIELD SURVEY PERFORMED BY BINNIE FROM 2011, 2017, AND 2018.
2. THE CADASTRAL AS SHOWN WAS PROVIDED BY BC HYDRO ON SEPT. 17, 2019.
3. BRIDGE ALIGNMENT TO BE CONFIRMED PRIOR TO DETAILED DESIGN.
4. HYDROLOGY DATA REFERENCED FROM NHC.

NOTES:

1. DESIGN - CHBDC
2. LOADING - BCL 625

PRELIMINARY
NOT ISSUED FOR CONSTRUCTION



SECTION (A)
SCALE 1:250

Reviewed/Examiné
Date: **2020-08-04**

By/par:
ÉRIC LEUNG

2020-502014 **2 of 2**

Navigation Protection Program/
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wsp

Rev	Date	Description	Init
A	20/02/25	ISSUED FOR INFORMATION	JD

REVISIONS

BRITISH COLUMBIA

Ministry of Transportation
& Infrastructure
Northern Region

NORTHERN REGION
HIGHWAY NO.29
CACHE CREEK BRIDGE NO. 1025
DETOUR BRIDGE GENERAL ARRANGEMENT

PREPARED UNDER THE DIRECTION OF		DESIGNED	QZ	DATE	20/02/25
JACEK DONIEC		CHECKED	HA	DATE	20/02/25
ENGINEER OF RECORD		DRAWN	GL	DATE	20/02/25
DATE		SCALE	NEGATIVE No.		
FILE No.	PROJECT No.	REG.	DRAWING No.		
	37249-0006	3	R3-340-1103 A		

DATE: 2020-02-21 9:15am (LIG) LAYOUT: 231
DRAWING: 150001REG\150-0703-02 - Hwy 29 - Cache Creek Bridge\001 - Drawings\082 - Bridges\1025-291 DETOUR GENERAL ARRANGEMENT.dwg