

April 14, 2020

Transport Canada  
Navigation Protection Program  
800 Burrard St #1100, Vancouver, BC V6Z 2J8  
Attention: Eric Leung, Navigation Protection Officer

Re: Site C Clean Energy Project – Canadian Navigable Waters Act, Notice of Work  
For Temporary Moberly River Construction Access Bridges

Dear Eric Leung:

### **Introduction**

This letter provides supplemental information for a Notice of Work submittal from BC Hydro for two temporary access bridges proposed for crossing the Moberly River. These bridges would be put in place to allow construction of the temporary debris boom (Notice of Work submitted under Registry #722). The Moberly River is a non-scheduled waterway under the *Canadian Navigable Waters Act*.

Each bridge would be ~30.5 m long and would be placed on to concrete block abutments, either side of a mid-channel island. The elevation of the bottom of the bridge is ~415.2 m and is expected to pass the 1:10 year river flow.

The location and general arrangement of the Moberly River temporary access bridges is included in the attachments to this letter and are part of the Notice of Work package.

### **Bridge Locations and Land Information**

The bridges would be located ~700 m upstream of the Peace River confluence. The two bridges and the ID labels are shown in the attached general arrangement drawing.

Bridge ID: BR1 56.199145; -120.931081

Bridge ID: BR2 56.198756; -120.931334

Land description:

Unsurveyed Crown Land North East 1/4 Section 16 Township 83 Range 19 West of  
The 6th Meridian Peace River District

Crown Foreshore covered by water between and within the high water boundary  
being part of the bed of the Moberly River within Section 16 Township 83 Range 19  
West of The 6th Meridian Peace River District.

District Lot 4426 Peace River District as shown on Plan EPP85446

## Signage

The signs placed on the bank of the Moberly River, ~1,700 m upstream of the Moberly River confluence, serve to alert boaters arriving from upstream, of the river being closed to navigation<sup>1</sup>. Similarly, signage has been placed near the Moberly River confluence to alert boaters of an upstream river blockage.

## Closure

We appreciate Transport Canada's involvement the Site C temporary debris structures to date and I would be pleased to arrange a further meeting to discuss the proposed access bridges and answer any questions. In the meantime, do not hesitate to contact me if you have any further questions.

Regards,



Michael McArthur  
Senior Environmental Coordinator  
Site C Clean Energy Project  
PH: (604) 699-5119  
[Michael.McArthur2@bchydro.com](mailto:Michael.McArthur2@bchydro.com)

Attachments: Map figure, general arrangement drawing.

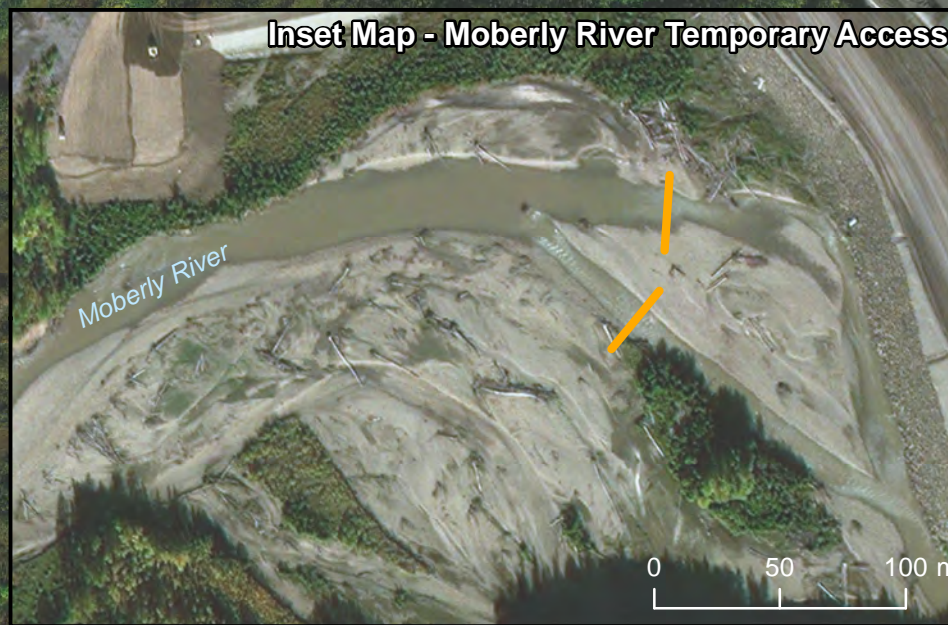
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## **Attachments**

Map Figure Showing Bridge Locations

General Arrangement Drawing (PRHP-11-01, 25-Mar-2020)





Map Notes:  
 1. Datum: NAD83  
 2. Projection: UTM Zone 10N  
 3. Dam Site Imagery © Digital Globe Sep. 19, 2018.

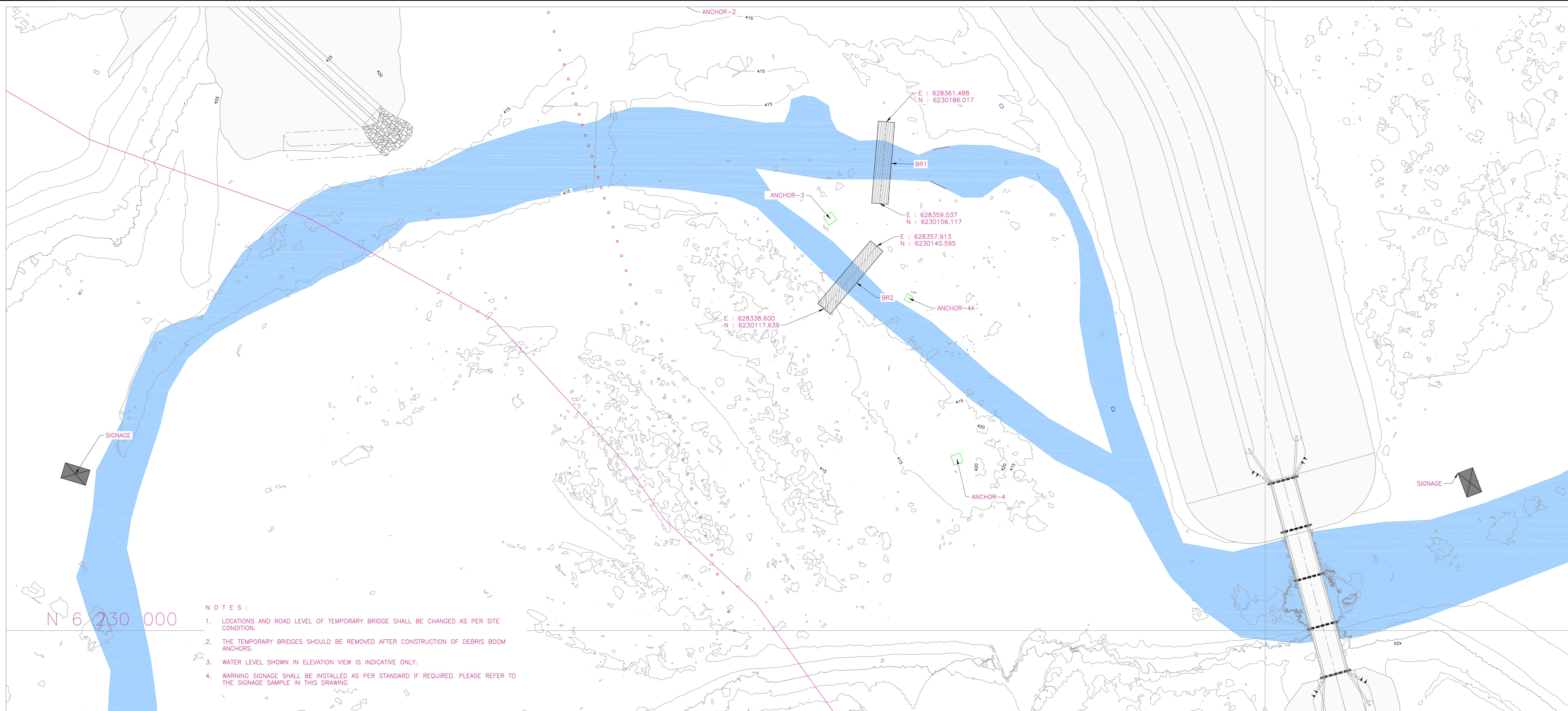
**Legend**  
 — Moberly River Temporary Access Bridge Alignment

1:10,000 0 500 m

<b>Moberly River Temporary Access Bridge alignment, Canadian Navigable Waters Act Notice of Work</b>			
Date	April 9, 2020	DWG NO	1016-N11-00813
			R 0

Path: X:\acGIS\Projects\Permitting\Federal\_Permits\Nav\ProAc\Moberly\TempBridge\_1016\_N11\_00813.mxd

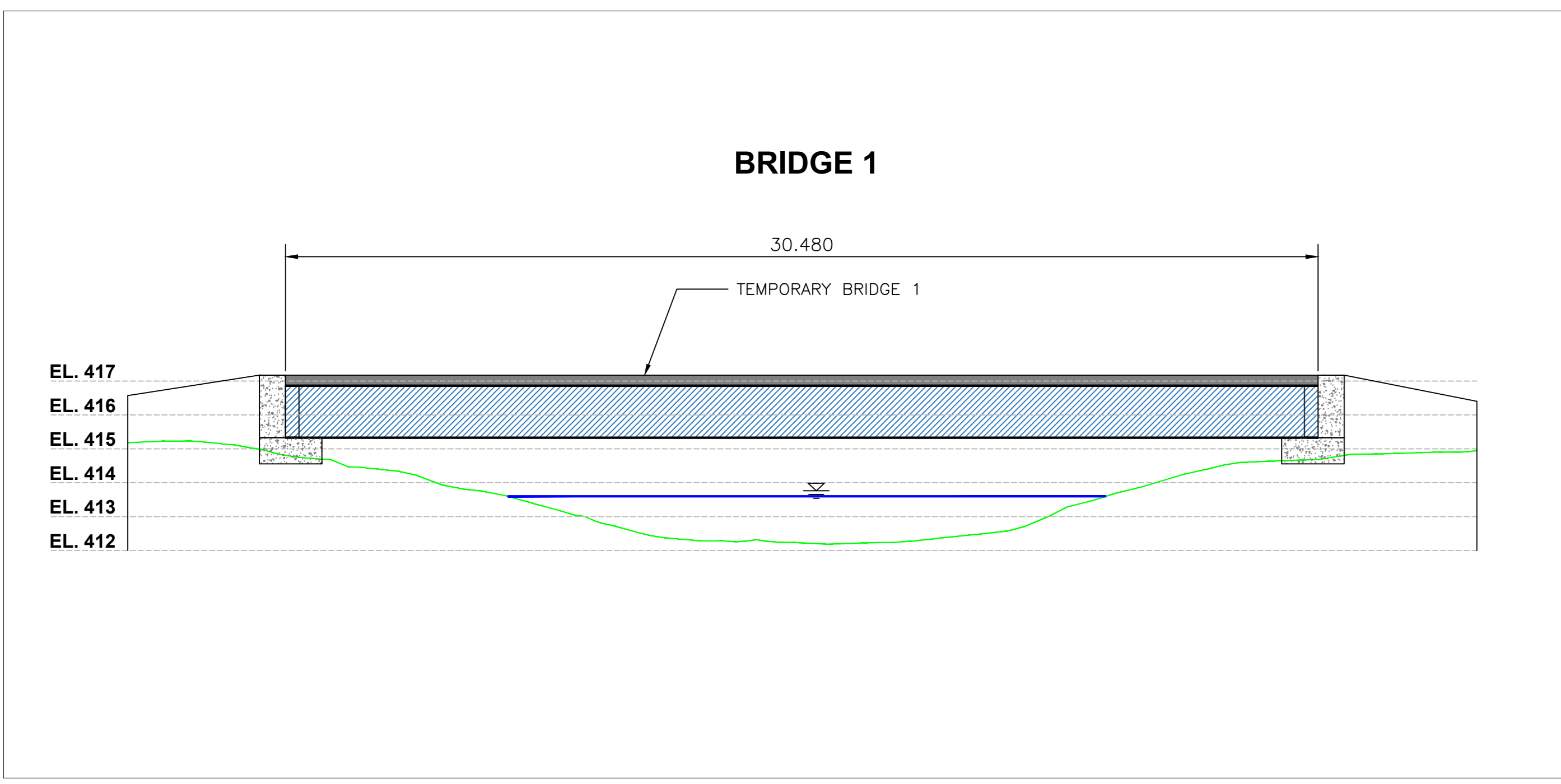




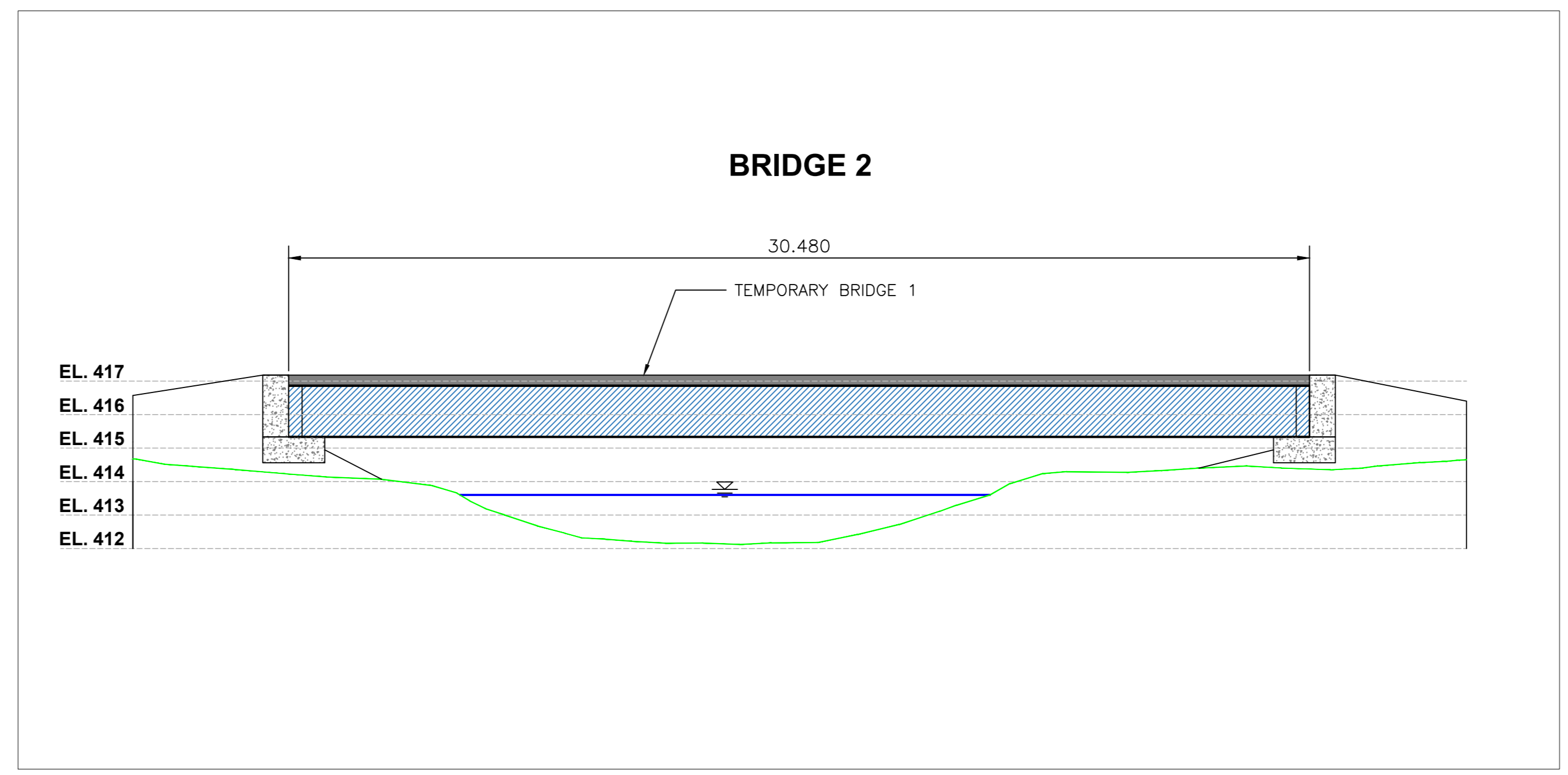
NOTES :

1. LOCATIONS AND ROAD LEVEL OF TEMPORARY BRIDGE SHALL BE CHANGED AS PER SITE CONDITION.
2. THE TEMPORARY BRIDGES SHOULD BE REMOVED AFTER CONSTRUCTION OF DEBRIS BOOM ANCHORS.
3. WATER LEVEL SHOWN IN ELEVATION VIEW IS INDICATIVE ONLY.
4. WARNING SIGNAGE SHALL BE INSTALLED AS PER STANDARD IF REQUIRED. PLEASE REFER TO THE SIGNAGE SAMPLE IN THIS DRAWING

PLAN LAYOUT OF TEMPORARY BRIDGES  
1:500



ELEVATION TEMPORARY BRIDGES 1  
1:125



ELEVATION TEMPORARY BRIDGES 2  
1:125



SIGNAGE SAMPLE

ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE



DSGN INDEP CHK DFTG DFTG CHK INSP CIV STR MECH GEO ELEC		CLEAN ENERGY PROJECT - SITE C MAIN CIVIL WORKS MOBERLY RIVER RIGHT BANK ACCESS TRACK NORTH LAYOUT OF TEMPORARY BRIDGES	
DATE 25MAR2020	DIST	DWG NO PRHP-11-01	SIZE A0 R 0

C:\Users\jcm\11\_Site Work\18\_Earthwork Notes\01\_Debris Boom Layout Drawings\1020-C18-00185-004\_RD\_TEMP BRs LAYOUT-1\PRHP-11-01.dwg  
 HARRISON KM  
 2/25/2020 5:08 PM