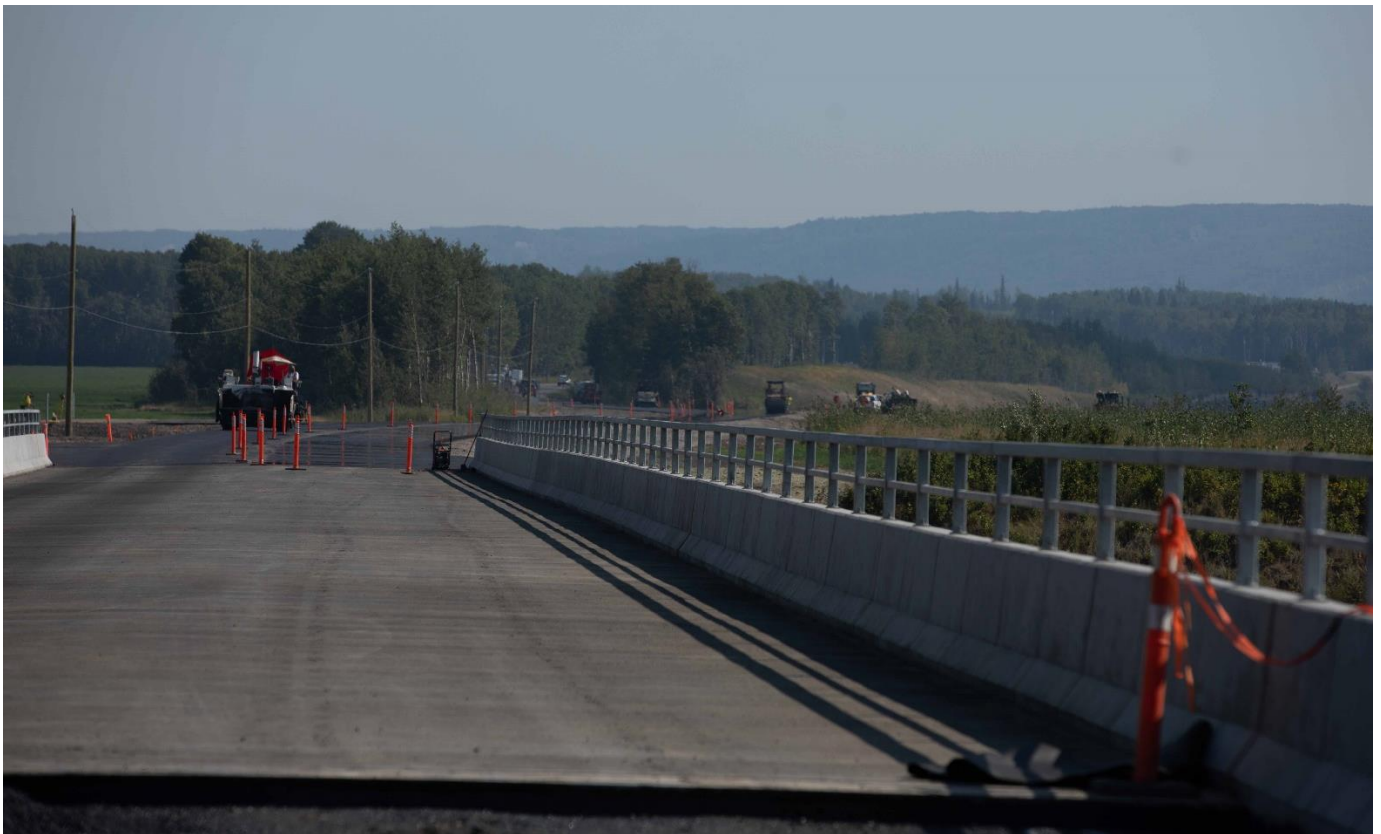


## Site C Construction Schedule: September 3 - 16, 2022



This week we completed the final concrete deck pour on Dry Creek bridge, which is part of the Highway 29 realignment. See more photos in the [image gallery](#).

### News and highlights

- We're partnered with [Ducks Unlimited](#) to identify more than 500 hectares of wetland compensation opportunities in the Peace Region. Check out our latest video to learn more about one of our completed projects. [Watch](#).
- Loading and hauling of gravel from our fish enhancement work adjacent to Old Fort on P6 island has started. Read [more](#).
- Work started on the new Halfway River Boat launch and intersection, which includes prepping the site and bringing in equipment. Read [more](#).

### Dam site area – north bank and south bank

- Excavation of the approach channel, drilling and grouting, placement of concrete and liner installation continues.

- Installation of steel piles in the tailrace excavation continue as part of the [right bank foundation enhancements](#). The piles extend the foundation further into the bedrock.
- Powerhouse, intakes, spillway, and earthfill dam with impervious core construction continues. This includes concrete placements at the powerhouse, intakes, penstocks, and spillways.
- Powerhouse Balance of Plant; installation of cable tray and other electrical components has started on the generator floor. The mechanical contractor has started applying coatings in the draft tube cone access area.
- Turbine and generator components and materials continue to be delivered to site, and some to storage, for future installation. To date, three of six turbines have arrived at site and the fourth turbine runner is being stored off-site. The remaining two runners will likely be delivered next winter when road conditions allow.
- Installation of turbine embedded parts continues in the powerhouse, and generator rotors are being assembled in the main service bay.
- Hauling activities continue from aggregate sources on the south bank (Area E and Area 24).
- Construction of eight foundations for three 500-kilovolt transmission lines between the Site C Substation and the Site C Powerhouse is nearing completion. Transmission tower assembly and installation is well underway.

## Highway 29 realignments

- [Visit our website](#) for Highway 29 schedules, maps, and construction updates.

### **Cache Creek East (596-metre-long bridge and six-kilometre-long highway realignment)**

- Construction of the highway grade will continue, including processing, stockpiling, and hauling of aggregates from Peaceview Pit.
- Civil works, including excavation, grading and placement of riprap and aggregates on the new highway alignment will continue. Riprap will be hauled to site from a quarry near Chetwynd and stockpiled on site.
- Installation of formwork and rebar will continue for the construction of the cast-in-place concrete parapets. Concrete will be delivered from Fort St John.
- Construction of a new distribution line adjacent to the new highway alignment may occur.

### **Halfway River (1.05-kilometre-long bridge and a three-kilometre-long highway realignment)**

- Minor works, including some patching of asphalt pavement and concrete finishing on the bridge will occur.
- Site clean-up and demobilization of equipment will occur.
- Installation of Telus infrastructure on the bridge may occur.

### **Farrell Creek (417-metre-long bridge and 1.9-kilometre-long highway realignment)**

- Installation of formwork and rebar on the bridge deck will continue. This may require single-lane alternating traffic.
- Concrete pouring will occur on the bridge for the parapets. This will occur in sections and may require 24-hour operations and single-lane alternating traffic.
- Construction of the earthworks for the east and west tie-ins will continue, including removal of asphalt and hauling of aggregates from Peaceview Pit and placement on the new highway alignment. There may be single-lane alternating traffic and occasional traffic stops during construction of the tie-ins.
- Asphalt paving may occur, depending on the availability of the paving subcontractor and good weather.

### **Dry Creek (158-metre-long bridge and 1.5-kilometre-long highway realignment)**

- Hydroseeding of the site will continue.

## ***Lynx Creek (152-metre-long bridge and 8.5-kilometre-long highway realignment)***

- Hauling and placing aggregates and riprap along the highway alignment will occur. Riprap will be hauled from Portage Mountain and quarries near Chetwynd and stockpiled on site.
- Processing of aggregate adjacent to Highway 29 will continue.
- Asphalt plant operation will occur for Farrell Creek East, Dry Creek, Farrell Creek and Lynx Creek paving.
- Construction of the cast-in-place parapets on the new Lynx Creek bridge will occur in multiple lifts. This may require 24-hour operations.
- Installation of a new distribution line on the new highway alignment will continue.
- Construction of the future Lynx Creek boat launch will continue.
- A detour may be built to divert traffic onto the new highway embankment to allow for completion of the embankment.

## **Fish habitat construction near Old Fort**

- Construction of the access road from the dam site to the island near the community of Old Fort, east of the dam site is now complete.
- In river excavation will continue until the end of October.
- Hauling of aggregate is in progress.

## **Hudson's Hope shoreline protection berm**

- The [construction of a 2.6-kilometre-long berm](#) to protect the shoreline of Hudson's Hope is in progress. Work includes hauling and placing of berm filter, berm fill and riprap to bring the berm up to the design elevation. Riprap will be hauled to site from quarries near Chetwynd.
- Hauling and placement of stockpiled aggregate on the berm will continue.
- The installation of drainage ditches and culverts will continue.
- The restoration of a borrow pit on the berm site will continue, including grading, placement of topsoil and hydroseeding.
- Water quality monitoring has been installed in the Peace River and a swift water rescue team is operating in the river during the work. Boaters are asked to obey signage and stay clear of the work area for safety reasons.
- We continue to work with the Ministry of Transportation and Infrastructure regarding the road maintenance of Canyon Drive.

## **Portage Mountain Quarry**

- Rock hauling will occur from the Portage Mountain Quarry stockpile areas to the Highway 29 construction site at Lynx Creek.

## **Reservoir area**

- Clearing activities have resumed on the north bank of the Peace River between Farrell Creek and Peace Canyon.
- Road maintenance and log hauling is happening on the south bank of the Peace River.
- Construction of a new Halfway River crossing for the existing transmission line will occur and involves access upgrades and foundation installation.
- Field investigations may occur.

## **Transmission works**

- Our transmission line contractor has demobilized from site and there is no work planned.

## Halfway River East Boat Launch

- Crews and equipment will mobilize to the Halfway River east boat launch site to begin construction. This will include mobilization of equipment and materials to site, stripping of the site of existing organics, and development of a disposal area for unsuitable soils.

## Permitting

- On August 31, 2022, we deposited the following to Transport Canada under the Canadian Navigable Waters Act:
- No Interference with Navigation Notification of Work – Registry Number 6305. We will be completing the decommissioning of the existing Highway 29 bridge at the Cache Creek sections. Decommissioning activities are expected to start in September 2022 and will include the removal of:
  - bridge guardrail,
  - concrete deck,
  - girders,
  - bracing and abutment including ballast walls; and
  - concrete lock blocks
- Notification of Minor Work – Registry Number 6227. The creation of the Site C Reservoir results in the need to relocate a section of the 138kV transmission line 1L364 that runs between Gordon M Shrum facility and Fort St. John substation. Part of the 1L364 transmission line relocation will require the replacement of two crossing structures (29/9 and 30/4) – one on each side of the Halfway River. The relocated power line will span approximately 1,254 metres across the Halfway River. Once the towers and poles have been built, the aerial line between the structures will be strung by helicopter. Construction for this section will take approximately two to three days during the period of September 1 to December 31, 2022.
- These projects can be found through the Common Project Search site ([Common Project Search Registry](#)).

## Other areas

- Vegetation clearing has begun for the construction of access roads on the north shore of the Peace River, east of the dam site. This will support the creation of fish habitat this summer and fall.
- An increase in the number of watering trucks has begun, as well as the use of a suppression treatment product on gravel roads to mitigate dust concerns.

## What to expect

Work will take place during the day, night, and on the weekend, until the project is completed. During this time, residents can expect:

### Boating

- The Peace River near the dam site is permanently closed to boater traffic. Being on or near the water around the Site C construction area presents a serious safety risk to river users. Boaters are urged to stay away from the area and observe and obey all signage and beacons. [Read more.](#)

### Traffic – please use caution and obey safety signage

- **Old Fort Road:** Near Gate B to the dam site, drivers may encounter loose gravel and increased commercial traffic. Due to equipment delivery, there may be [occasional short road closures](#) along Old Fort Road.
  - **Highway 29:** Construction-related equipment will travel along Highway 29 and Highway 97. Drivers on the road are reminded to travel at a safe distance behind construction vehicles particularly near the Highway 29 road realignment sections. Learn more at [drivebc.ca](#).
- Other areas:** Trucks with heavy loads will be accessing the dam site and other project areas, using public and resource roads.

## **Equipment, noise, vibration, and visibility**

- Helicopters and commercial drones may be used to support investigative, and construction works.
- Some noise and vibration may occur near the dam site and work areas, including the quarries.
- There may be smoke and lower visibility in areas where wood debris burning is occurring.

[Sign up for construction bulletins](#) and follow us [@sitecproject](#) on Twitter to receive updates.