

Site C Construction Schedule: October 1 - 14, 2022



Crews continue work on the 596-metre-long Cache Creek bridge, as part of the Highway 29 realignment. For more photos, see the [image gallery](#).

News and highlights

- The first five transmission structures for the power lines on the dam site have been installed. They will carry three 500-kilovolt lines, connecting the generating station to the Site C substation and the bulk BC Hydro electric system. Read more about this milestone featured in the [Energetic News](#).

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.
- The first turbine runner is scheduled to be installed in the second week of October.
- 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 this 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 three 500-kilovolt transmission lines between the Site C Substation and the Site C Powerhouse is underway. Five of eight towers on the right bank have been installed and assembly and installation is underway on the remaining three towers. Transmission line stringing will begin in mid-October.

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)

- Civil works, including excavation, grading and placement of aggregates on the new highway alignment will continue. Aggregates are being hauled from Peaceview Pit.
- 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.
- Paving of the new highway alignment will occur.
- Construction of a new distribution line adjacent to the new highway alignment will occur.

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

- Minor works, including hydroseeding and placement of concrete barriers will occur.
- Site clean-up and demobilization of equipment will occur.
- Installation of Telus infrastructure on the bridge will occur.

Farrell Creek East (3.0-kilometre-long highway realignment)

- Decommissioning of the Farrell Creek East segment will begin, including removal of signs, concrete barriers and asphalt.

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

- Bridge construction work continues including installation of expansion joints, guard rails, concrete finishing and the removal of formwork. 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 good weather.

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

- Decommissioning of the Dry Creek segment will begin, including removal of signs, concrete barriers and asphalt.

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

- Work at the Lynx Creek work site has resumed following the Hudson's Hope wildfire evacuation order being lifted.
- Hauling and placing aggregates and riprap along the highway alignment will occur. Riprap will be hauled from Portage Mountain and quarries near Chetwynd and either placed on the new alignment or stockpiled on site.
- Processing of aggregate adjacent to Highway 29 will continue.
- Asphalt plant operation will occur, supplying asphalt for Farrell Creek and Lynx Creek paving. Paving at Lynx Creek will begin.
- 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 will be built to divert traffic onto the new highway embankment to allow for completion of the embankment.

Fish habitat construction near Old Fort

- In river excavation and stockpiling of material on the island will continue until the end of October.
- Hauling of aggregate to the dam site is in progress.

Hudson's Hope shoreline protection berm

- With the Hudson's Hope wildfire evacuation order lifted, [construction of the 2.6-kilometre-long berm](#) to protect the shoreline of Hudson's Hope has resumed.
- Hauling and placing of berm filter, berm fill and riprap to bring the berm up to the design elevation.
- Hauling and placement of stockpiled aggregate on the berm will continue.
- Installation of drainage ditches and culverts will continue.
- Restoration of a borrow pit on the berm site will continue, including grading, placement of topsoil and hydroseeding.
- Installation of a concrete box culvert on the berm using a large crane.
- 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

- With the Hudson's Hope wildfire evacuation order lifted, rock hauling continues from the Portage Mountain Quarry stockpile areas to the Highway 29 construction site at Lynx Creek.

Reservoir area

- Clearing activities have resumed along the north and south banks of the Peace River. Activities may include vegetation clearing, road construction and maintenance, log hauling and helicopter work.
- At Watson Slough, water levels have been lowered and the removal of the remaining trees will begin in early October.
- Removal or demolition of infrastructure within the future reservoir on BC Hydro owned land will begin in the vicinity of Cache Creek. Equipment will mobilize to site and work may be visible from Highway 29.
- Construction of a new Halfway River crossing for the existing transmission line is on going.
- Field investigations may occur.

Halfway River East Boat Launch

- Construction of the boat launch and access road will continue, including topsoil stripping, removal of unsuitable materials, and hauling and placement of aggregate on the site.
- Unsuitable material will be hauled to a stockpile site at Halfway River.

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 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.

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