



Centerm Expansion Project

TABLE OF CONTENTS

- [October 2020](#)
- [What to expect this month](#)
- [Overpass construction update](#)
- [Transporting caissons to their new home](#)
- [Infilling the lagoon to create new land](#)
- [About the projects](#)
- [Contact us](#)

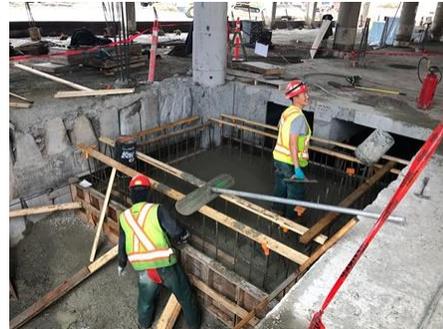
October 2020

You are receiving this email because you signed up to receive updates about the Centerm Expansion Project and South Shore Access Project.

What to expect this month

This month, work in the water, on the terminal, and on the South Shore continues.

Pictured: Concrete foundation pour underway for the container operations facility elevator on Ballantyne Pier.



Road work - Where to enter the port

Commissioner Street entrance

- Open to Port Pass holders driving passenger vehicles
- Open to all commercial trucks

Clark Drive overpass

- Entrance for visitors driving passenger vehicles without Port Passes (relocated from Heatley Avenue)

- Open to Port Pass holders with commercial straight trucks (five-tons maximum)
- Open to Port Pass holders driving passenger vehicles
- Closed to semi-trailer and container trucks

Heatley Avenue overpass

- Open to Port Pass holders driving passenger vehicles. Restricted access to DP World, CXP Office, Vancouver Fraser Port Authority maintenance facility (no access to Lantic/Rogers Street)
- Closed to all commercial vehicles regardless of access permissions. Please use Commissioner Street entrance
- All traffic west of port authority maintenance facility, including container trucks, must exit via Heatley Avenue

Centennial Road

Port road users can expect staged lane closures during working hours on Centennial Road. To allow access to Heatley Avenue and Centerm, all lanes in the construction area will not be closed at the same time. Signage and flaggers will be in place to minimize delays and direct traffic. Pedestrian access will be maintained.

Marine work

Infilling of the lagoon in the eastern expansion area, as well as the placement of preload materials is now complete. Infilling of the northeast perimeter dyke is ongoing.

Infilling for the first phase of the preload in the western expansion area is complete. Two caissons were built offsite in September and both are now installed at the terminal.

On-terminal work

We have received approval to continue on-terminal construction works for the project from November 1, 2020 to April 30, 2021. Work will take place up-to 24 hours a day, seven days a week and is not anticipated to generate significant noise.

Download the PortVan eHub app

Download the [PortVan eHub app](#) to keep up to date with all the traffic detours for the port and road closures .

Overpass construction update



Work is progressing on the Centennial Road overpass, as part of the South Shore Access Project.

Pictured: Setting up the area for the first concrete column pour for the overpass.

Construction of the foundations for the overpass piers is continuing along Stewart Street. The pour of the first column for the structure took place at the end of September.

Girder fabrication is anticipated to begin later this month. Girders are precast in concrete offsite at a specialized facility and shipped to site on trucks. They are then erected into position with cranes.

Significant work is also being done to relocate utilities out of the way of the piers before the rainy season begins.

What's a girder?

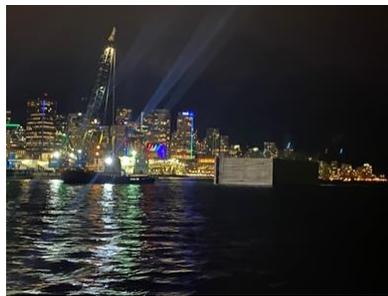
In construction, a girder is essentially a concrete beam that holds up the bridge deck. Girders span from one pier to the next and provide support for the overpass.

Transporting caissons to their new home

Last month, we completed the construction of the two caissons for the wharf extension—which are watertight retaining structures—at Vancouver Pile Driving Ltd. on the North Shore.

Towing two concrete caissons across the Burrard Inlet to Centerm took immense coordination and planning, skillful navigation and patience. The transport of the first caisson happened on September 23, and the second one on September 27.

Both caissons have now been installed at Berth 6 of the terminal. Next steps include filling the caissons with ballast rocks, which will weigh them down and provide structural stability.

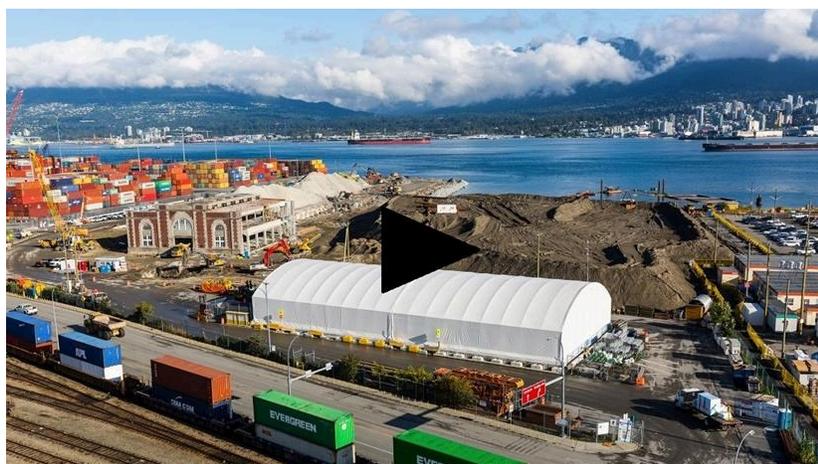


Pictured: Caisson being towed by two tugs at night, during a rain storm.



Pictured: One of the two caissons installed at Centerm.

New land covering the lagoon



The process of creating new land in the eastern expansion area has been ongoing since last summer. In about a year, we built the

perimeter dyke and filled in the lagoon with sand from the Fraser River and the Oakridge redevelopment in Vancouver.

Watch the infilling process in a new [time-lapse video](#) showing how new land is built to cover the lagoon.

What is the land covering the lagoon?

The land that is covering the lagoon in the eastern expansion area is called "preload", which essentially consists of sand. Preload is used in construction to compress the soil beneath to reduce the risk of settlement in the future. Once this process is completed, the preload is removed and we can build on the new land.

About the projects

The port authority is building the Centerm Expansion Project and South Shore Access Project to help meet anticipated near-term demand for containers shipped through the Port of Vancouver. The project includes a new overpass for Centennial Road, making Waterfront Road a continuous road along the South Shore, and a reconfiguration and expansion of the Centerm terminal.

The projects, delivered by Centennial Expansion Partners (CXP), are set to be complete by the end of 2021.

Interested in seeing the full construction schedule?

[Download the construction activities and timelines PDF](#)



Centerm: Current view



Centerm: Rendering of view following construction completion

Contact us

If you have not already done so, please sign up to receive regular updates of these projects. You can subscribe [here](#).

Website: www.portvancouver.com/centerm-expansion

For enquiries related to construction contact, CXP at 604.910.5785 or zstrand@cxp-jv.com.

For enquiries related to the projects, contact the port authority at 604.665.9563 or centerm.expansion@portvancouver.com.

The Vancouver Fraser Port Authority is governed by the Canada Marine Act. Our mission is to enable Canada's trade objectives, ensuring safety, environmental protection and consideration for local communities. Our vision is to be the world's most sustainable port.

To stop receiving these emails click "Unsubscribe" below at any time. Please contact us if you have any questions or concerns.

[Edit your subscription](#) | [Unsubscribe](#)

Vancouver Fraser Port
Authority
100 The Pointe
999 Canada Place
Vancouver, BC V6C 3T4
Telephone: 604.665.9563