

Centerm Expansion Project Newsletter

November 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: Aerial view of the new land created in the western expansion area.

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 entrance

- 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, Centennial Expansion Partners (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 the 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, not all lanes in the construction area will be closed at the same time. Signage and flaggers are in place to minimize delays and direct traffic, and pedestrians will continue to have access.

Marine work

The land over the lagoon in the eastern expansion area continues to settle and will be removed in January 2021. The northeast perimeter dyke is now complete.

Infilling south of the caissons in the north end of the western expansion area is underway. A caisson is a concrete structure that is filled with rock to create an underwater wall. Caissons are used to build the new berth face for the Centerm terminal.

On-the-terminal work

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

Download the PortVan eHub app

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

First refrigerated container tower handover

This month, we will deliver the first 4 of 12 relocated and improved refrigerated container towers to DP World.

Refrigerated container towers are used to plug refrigerated containers that hold perishable goods.



Pictured: An impressive 500-ton crane lifting one of the refrigerated container towers onto its new foundation.

Four refrigerated container towers have been completely refurbished, and each tower has been fitted with new electrical, handrails, bracing, lighting, and signage.

Delivering these towers which will be put into service to DP World is a big accomplishment for the project because this is the first permanent handover of completed work to date.

Did you know?

The refrigerated container towers at DP World will now have a protected steel walkway connecting the towers at ground level. This is a new safety feature to protect workers that need to travel between towers.

Constructing the container operations facility

We continue our work on the container operations facility at Ballantyne Pier.



Pictured: Concrete slab levelling on the bottom floor of the new building.

The north concrete slab for the new facility was poured last month, and by the end of November the entire interior floor of the container operations facility will be covered in concrete. All concrete slabs are between 350-450 mm thick, that's about the width of a 15 inch laptop.

Concrete can be poured by pump truck, shotcrete, or several other methods depending on the application. The pour for the floor in the container operations facility will be done by pump truck, and the pour for the walls of the elevators and stairs of the new structure will be done by shotcrete.

What is shotcrete?

Shotcrete is a method in construction that uses compressed air to spray a special mix of concrete to form a structure.

Update on the Centennial Road overpass construction

Construction of the foundations for the Centennial Road overpass, part of the South Shore Access Project, is ongoing.

Crews have been working overtime to pour concrete for the piers along Stewart Street. We are more than halfway done, with 10 of 19 pier foundations already poured.

This month, we will begin to pour concrete for the beam (pictured below) that holds up the overpass bridge deck. The bridge deck spans from one beam to the next.



Pictured: Installation of the concrete beam for the new overpass across from Alliance



Pictured: Concrete pour for the beam happening onsite.

Grain Terminal on the south shore.

Flyover video of the Centennial Road overpass area



It can be hard to visualize where the new Centennial Road overpass will be located on the south shore.

To give you a better idea of the scale of this project, including where we are building this impressive structure, watch a new [flyover video](#) showing the project area.

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 projects 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 project is delivered by CXP.



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: 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.