

Port updates

South Shore Community Liaison Committee meeting | August 25, 2020

General updates

2020 Blue Circle Awards

Thirty recipients recognized with Blue Circle Awards for voluntary efforts to conserve energy and reduce emissions

- In June, we recognized 28 marine carriers and two terminal operators for a combined total of 30 Blue Circle Awards for their voluntary efforts to conserve energy and reduce emissions in the Port of Vancouver. Eighteen shipping lines, six cruise lines, four coastal marine operators and two terminal operators were the recipients of the port authority's 11th annual Blue Circle Awards.
- The awards recognize industry partners that excel in environmental stewardship and attain the highest level of participation in the port authority's [EcoAction Program](#) and [Energy Action Initiative](#).
- View the announcement on our website [here](#).



Community awareness campaign

New video: Growing the gateway to support Canada's trade

- In collaboration with our government and industry partners, we're building transportation infrastructure, such as underpasses and overpasses that separate road and rail traffic on port land and in local communities. These road and rail projects allow goods to be moved more efficiently and will help ensure the region can continue to accommodate growing change.
- Our new video, "[Growing the gateway to support Canada's trade](#)", highlights the 11 transportation improvement projects that are now underway throughout the region; all of which are at various stages of planning, design, and execution.



Ammonium nitrate and dangerous goods movement in Canada

- The Vancouver Fraser Port Authority is mandated under the *Canada Marine Act* to enable Canada's trade through the Port of Vancouver, ensuring goods are moved safely, efficiently and sustainably. We don't, however, decide what moves through the port; the federal government is responsible for making decisions related to what goods and commodities Canada trades.
- As per the federal *Transport of Dangerous Goods Act*, the federal government does not allow ammonium nitrate to be loaded or unloaded at Canadian ports. There are special procedures in place to allow for the safe handling of products containing small amounts of ammonium nitrate, such as fertilizers.

- Transport Canada maintains oversight of the movement of dangerous goods in Canada for all modes of transportation. All ships arriving at the Port of Vancouver are required to declare dangerous goods cargo at least 24 hours in advance and must receive a traffic clearance. Additionally, port terminal operators handling dangerous goods are surveyed regularly by National Resources Canada to determine safe quantities to be stored on the terminals.

Port authority-led projects

Centerm Expansion Project and South Shore Access Project

- The Centerm Expansion Project and South Shore Access Project are being built to help meet anticipated near-term demand for containers shipped through the Port of Vancouver. The projects are expected to be complete by 2022.
- The projects include:
 - A reconfiguration and expansion of the Centerm container terminal
 - A new overpass on Centennial Road to remove road and rail conflicts
 - Changes to Waterfront Road to create a continuous port road from Canada Place to McGill Street
 - The removal of the Heatley Road overpass
 - Coordination with other tenant and port road maintenance on port lands

Construction updates since previous meeting on June 18, 2020

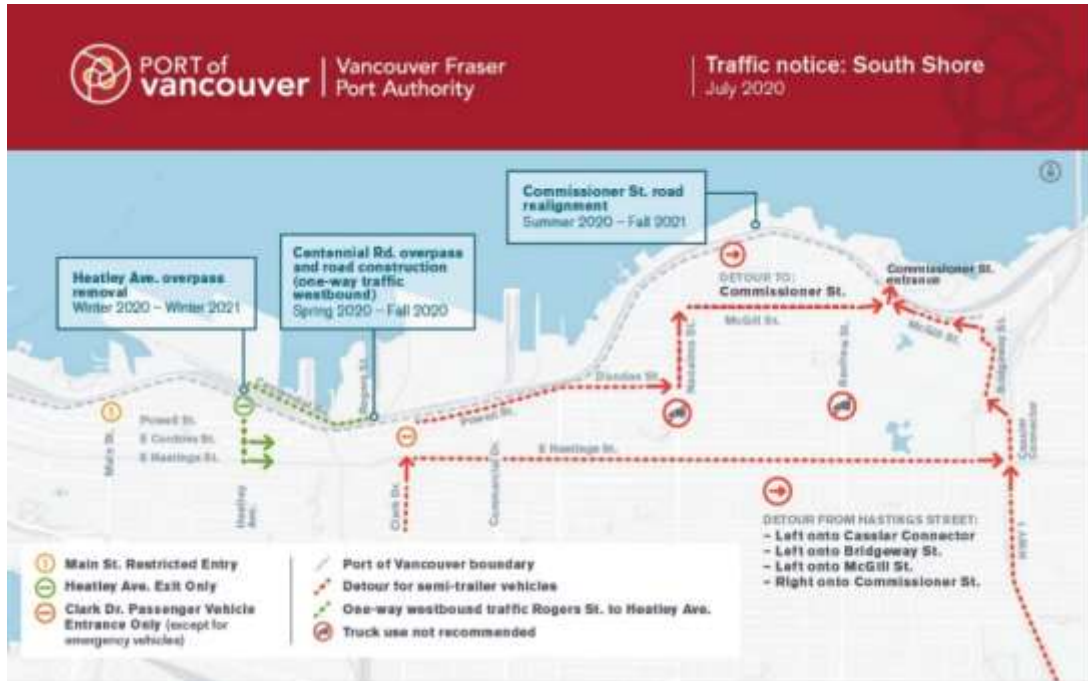
- Dredging in the eastern and western expansion areas is completed.
- New land now visible on the east and west sides of Centerm.
- On the west side of Centerm, the first of two dykes is visible, infilling is ongoing and new land now visible.
- On east side of Centerm, infilling in the lagoon restarted in July, as fill from the Oakridge redevelopment was brought to the site by truck. Infilling in the lagoon using infill from the Fraser River will restart in August, when the Fraser River fish window reopens and is expected to be complete by end of August.
- New refrigeration towers (“reefer towers”) under construction on terminal.
- We completed 25% of the overall foundation work for the rail mounted gantry (“RMG”) cranes on terminal. Work involved excavating the pavement for the foundations of the new RMG cranes, pouring a concrete beam structure, and installing a heavy duty crane rail. This rail is required to support the new RMG cranes.
- Work on the construction of the first of two caissons is happening at Vancouver Pile and Driving Ltd. on the North Shore. The caissons are concrete structures, filled with rock to create an underwater wall that will be used to build the new berth face for Centerm terminal. Both caissons are expected to be completed by the fall, at which time they will be floated across Burrard Inlet and installed at the terminal.

South Shore Access Project

Traffic detours on the south shore during Centerm Expansion Project and South Shore Access Project

- On July 12, 2020 traffic patterns changes were implemented on port roads to give us enough space to build the new Centennial Road overpass, while allowing trains to continue to run. For the next six months, all port traffic travelling west of Rogers Sugar will be required to exit the port via the Heatley overpass. This includes truck traffic from Centerm.
- Residents and businesses along Hastings Street, Powell Street, Dundas Street, Nanaimo Street and McGill Street are likely to notice an increase in truck traffic for the duration of this work.
- To help manage traffic impacts in the area, we will be:
 - Adjusting traffic signal timing on Heatley Avenue to reduce truck congestion

- Removing southbound parking at Heatley Avenue (lane south of Powell Street to Cordova Street, and lane south of Cordova Street to Hastings Street) to allow trucks to turn
 - Installing signage to ensure truck drivers follow appropriate truck routes
 - Using traffic control personnel to manage traffic
- All container trucks at the Port of Vancouver must take part of our ongoing truck licensing system, which requires they meet stringent environmental requirements to reduce air emissions.



- The Clark Drive overpass is open to port pass holders (vehicles only – no commercial vehicles). The overpass remains closed to inbound commercial vehicles (starting November 2019 until winter 2021) in preparation for the upcoming Centennial Road overpass project. All commercial and passenger vehicle traffic may continue to exit Clark Drive. All semi-trailer and commercial vehicles must detour to enter at Commissioner Street at McGill Street.

Commissioner Street Road and Rail Project

- Columbia Containers grain elevator deconstruction is complete.
- Detailed design of road realignment the Commissioner Street continues with construction anticipated to begin in September 2020.

Extension to permit expiry date | Commissioner Street Road realignment portion of South Shore Corridor Project

Details shared with SSCLC via email on July 21, 2020.

- A project amendment to extend the permit expiry date regarding the Commissioner Street Road Realignment portion of work is proposed.
- The scope of work which remains to be completed under the project includes the construction of a roadway, as well as related road and utility relocations, signage works, and landscaping along Commissioner Street between Nanaimo Street and the McGill Street Overpass.
- The amendment would extend the permit from March 31, 2021 to March 31, 2022. The works proposed are during standard hours. The original permit conditions specific to mitigations around air, dust and noise would continue to apply.

- Road work to realign the Commissioner Street anticipated to begin in the fall.
- Full details about the proposed project amendment can be found [here](#).
- Regular project updates are posted on the project website [here](#).

Columbia Containers Ltd. shoreline protection rehabilitation

- Advisian, on behalf of Vancouver Fraser Port Authority, submitted a PER application (20-061) for the Columbia Containers Shoreline Protection and Rehabilitation project.
- The port authority proposes to conduct improvements to approximately 600 metres of existing shoreline protection infrastructure along the foreshore of the Columbia Container Ltd. leased property, at 2319 Commissioner Street, Vancouver.
- Works are expected to be completed in shifts which will extend beyond regular port authority construction hours and include nighttime work at low tide. Noise levels from construction work are not expected to exceed those of the day-to-day operation of the nearby Columbia Containers Ltd. facility. Construction is anticipated to last between mid-August 2020 and the end of February, 2021, but is dependent on the permit being issued. A construction notice would be sent to the neighbouring residents and businesses in advance of the works.
- Full project details can be found [here](#).

Land Use Plan

Land Use Plan amendment | Public consultation

- Public consultation on this year's proposed land use plan amendments took place from June 1 to August 1, 2020.
- We will review and consider all feedback received and plan on making a recommendation to the board of directors in the fall.
- Once a decision is made, a notice of decision will be advertised on newspapers, we will issue public and stakeholder notification, and post updates on our website (<https://www.portvancouver.com/land/land-use-planning/>).

Land Use Plan update | Engagement

- The purpose of a land use plan is to provide a framework to guide the physical development of port lands and waters over a 15 to 20 year period to 2034. The port authority is undertaking a five-year update of our land use plan. Our current plan was adopted in October 2014 following an extensive two-year planning process.
- Phase 2: Engagement on the draft plan took place between June 19 and August 20 to comply with the 60-day public engagement requirement as set out in the *Canada Marine Act*. To comply with social distancing orders related to COVID-19, all engagement for Phase 2 was run digitally. An engagement platform hosted information and a questionnaire, and a digital 'open house' was hosted on Wednesday, August 12, 2020.
- Phase 1 engagement ran from November 18 to December 9, 2019. This included an interactive mapping tool of proposed designation updates, background information and a survey. A Summary Report of Phase 1 engagement and the themes we heard is available on our [website](#).

Enhancing Cetacean Habitat and Observation (ECHO) Program

- The ECHO Program's new voluntary ship slowdown trial for outbound ships at Swiftsure Bank, off the southwest coast of Vancouver Island, began on August 1 and will continue through October 31, 2020. This new research trial will evaluate the amount of voluntary participation and underwater noise reduction that can be achieved by slowing down in non-piloted waters.

- The voluntary ship slowdown in Haro Strait and Boundary Pass began on July 1, 2020, after southern resident killer whales were confirmed by to be in Haro Strait by trusted observers. For the month of July 2020, 91% of large commercial ships transiting through Haro Strait and Boundary Pass reported participation in the voluntary slowdown to reduce underwater noise.
- The voluntary lateral displacement in the Strait of Juan de Fuca began on June 1, 2020. The lateral displacement involves tug and barge operators adjusting their routes to move further away from key feeding areas for southern resident killer whales.
- All three voluntary initiatives are intended to reduce underwater noise for at-risk whales. More details on the 2020 initiatives are available at portvancouver.com/echo.

Other projects taking place in the Port of Vancouver

Kiewit Ledcor TMEP Partnership | 2115 Commissioner Street – Temporary construction staging, barge loading

- A project permit was issued May 2018 to Kiewit Ledcor TMEP Partnership to develop Site 1 at 2115 Commissioner Street in Vancouver.
- The site is being used as a marine off-loading facility and laydown yard for the Trans Mountain Pipeline ULC project located at Westridge Marine Terminal.
- Construction stopped on site at the beginning of the fish window for Burrard Inlet (mid-March). The site is being used; however, a portion of work remains outstanding. The remaining pile driving will recommence for four weeks at the end of the fish window (mid-August). A total of eight piles will be installed at that time. Prior to the start of construction, a notice will be sent to the community.
- UPDATE: this work has been delayed slightly and due to take place in late summer, early fall.

Pacific Elevators New Dust Control System and Access

- Viterra Pacific (1803 Stewart Street) are proposing to install a new dust control filter and fan system that will replace four existing dust filters and fans currently located on the track shed roof at a new location on site.
- The project also includes the installation of access stairs, a noise barrier wall and access bridge. Piled foundations are anticipated for the dust collector, fan, blower and stair tower and bridge.
- The proposed work does not require a noise assessment as anticipated noise levels are to remain below current noise levels due to the improvements.
- Should a permit be issued, work is expected to occur during regular working hours and will take approximately two months with a completion date towards the end of the summer 2021.

Cascadia Terminal Modular Office Building Installation

- The port authority issued a permit to the Cascadia Port Management Corporation for the installation of a 2,100 square foot (14 feet high) temporary office building at their Cascadia site, located at 3333 New Brighton Road, Vancouver. Stevedores will occupy the structure for approximately five years.
- Sections of the modular building will be prefabricated off-site and assembled on site. The sections will be delivered to the site via truck. Parking will be provided within the existing parking lot.
- Minor disturbances to the proposed gravel location are expected. Noise related to excavation works will be limited to standard construction hours.
- The location of the building is over 100 metres from the closest adjacent property (New Brighton Park) and is shielded in part by surrounding structures, thus light trespass off-site is not anticipated. Exterior

lighting will be limited to LED wall pack fixtures installed on the building facade, and will be directed to illuminate only the necessary areas for safety and operations.

- Construction is anticipated from September to October. Cascadia Port Management Corporation is responsible for carrying out the works in the manner described in their application and according to the conditions listed in the Project Permit.

Saam Towage - Operations Centre, 2285 Commissioner Street

- Saam Towage are proposing to construct a standalone operations facility at their site at 2285 Commissioner Street, on lands managed by the port authority.
- The facility would replace the temporary facilities in this same location and act as field operation offices for the marine personnel of dispatch, maintenance, and tug boat crews. Saam Towage holds leases directly adjacent to the proposed building lease lot that is and would act as a parking and access point for the new facility.
- The proposed one-story wood frame building would have a footprint at grade of approximately 246 square metres and a height of 3.7 metres.
- The project is not anticipated to have an impact on neighborhood traffic, noise or dust. Lighting of the site will have shades to direct light toward the ground and will be limited to where required for safety and security at night.

For more information about these and other projects happening in the Port of Vancouver:

- [Port authority-led infrastructure projects](#)
- Other projects in the port - [Status of permit applications](#)