



**KINDER MORGAN
CANADA LIMITED**

CONSTRUCTION NOTICE

WESTRIDGE MARINE TERMINAL BURNABY, BC

September 2017

Trans Mountain is preparing for construction activities at Westridge Marine Terminal (WMT) in Burnaby this September as part of the Trans Mountain Expansion Project (TMEP). As part of this activity, subject to project permit approval from the Vancouver Fraser Port Authority, Trans Mountain will commence construction of the Westridge Marine Terminal Upgrade and Expansion Project. Information about the port authority's Project and Environmental Review Process is available on the port authority's website www.portvancouver.com.

The scope of the WMT Upgrade and Expansion Project in the port authority's jurisdiction includes:

- Three new pile-supported loading berths within an expanded water lot
- Construction of new circular sheet pile retaining wall and infilling along the existing shoreline to accommodate new onshore infrastructure
- A new utility dock to moor tugs, boom boats and emergency response vessels
- Construction of associated office, control buildings, utilities, fire suppression systems and mechanical systems
- Construction of new in-water fish habitat and riparian planting areas
- Sections of new transfer and delivery pipelines and related equipment
- Decommissioning and demolition of certain facilities at Westridge Marine Terminal

Construction of Berths 1 and 2 will take place first beginning September 2017 and are anticipated to be in-service in late 2019. Construction of Berth 3 is anticipated to be in-service in spring 2020.

Most construction will occur from the water using floating equipment such as marine derricks, barges, tugs and work boats. Some construction may use land-based equipment working out into the water from shore. Workers will be transported to the work site by water taxi and bus.

Learn more about construction in your area at: transmountain.com
Or contact us at: 1-866-514-6700 or info@transmountain.com



CONSTRUCTION NOTICE

Construction activities beginning September 2017 will include the following activities in water and on the foreshore, (part of the port authority's project permit, as denoted by the *). Other construction activities are being planned onshore outside of the port authority's jurisdiction:

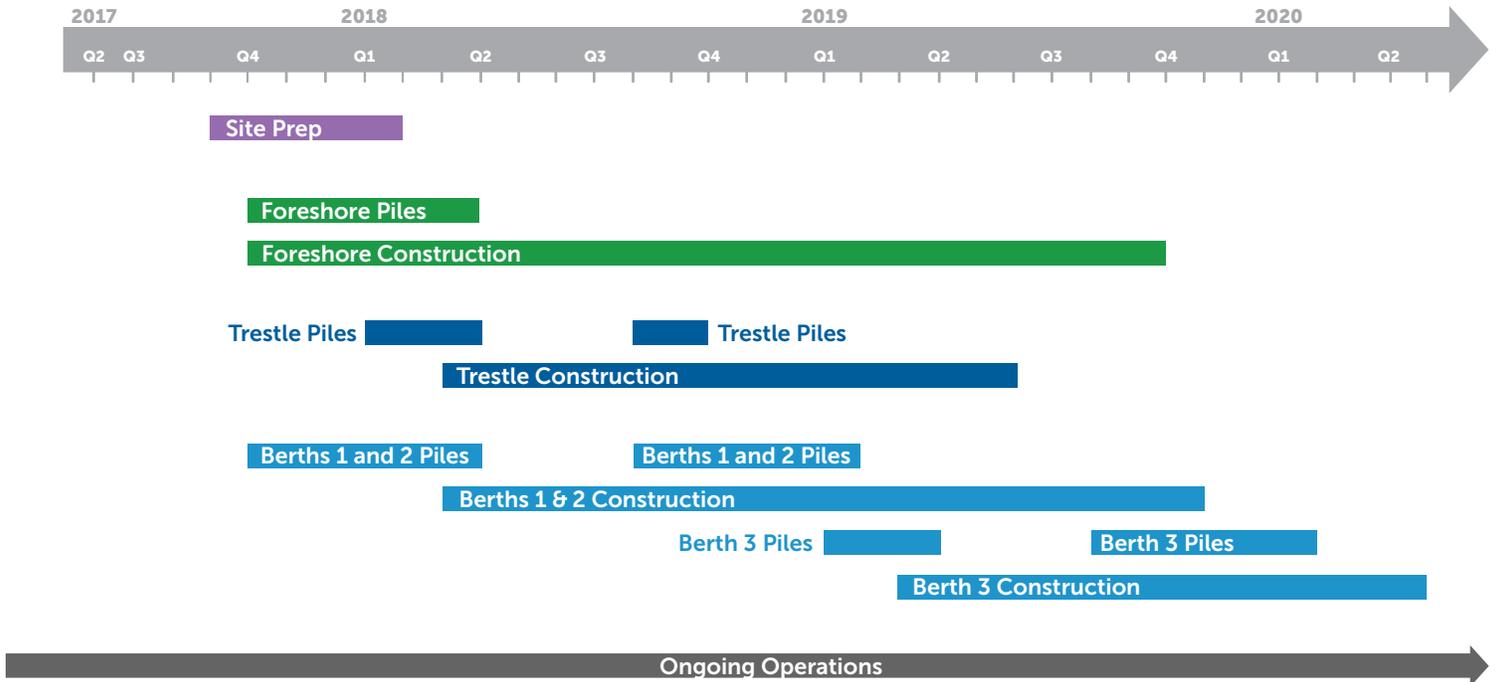
- Site preparation activities to support ongoing operations including modifications and relocation of existing terminal infrastructure
- In-water construction of new berths including:
 - Marine construction safety boom installation*
 - Installation of approximately 152 in-water piles to support new berth structures and trestles (piles range in size from approximately 1.4 m to 2.0 m in diameter)*
 - Construction of new in-water rock habitat areas for rock fish*
 - A new utility dock including a new float and steel gangway for support vessels*
- Foreshore extension including:
 - Rip-rap removal*
 - Installation of circular sheet pile cells, addition of structural fill, soil improvements*
 - Installation of foundations and construction of buildings*
 - Installation of new electrical cables, control systems and pipe*
 - New ancillary buildings including storage, equipment buildings and electrical kiosks*
- Other onshore and construction activity on land, but outside port authority jurisdiction is planned, including:
 - Replacement of existing hydro substation
 - New powerline and associated facilities within the terminal
 - A two-story operations building to house offices, a control room for the facilities, first aid facilities and washrooms*
 - Perimeter security fencing with new vehicle access gates
 - Tunnel portal construction within Westridge property, tunnel boring and installation of pipelines within the tunnel
 - Site preparation activities which include tree removal to facilitate work listed above
- Construction demobilization and site reclamation*
- A new concrete railway protection barrier north of the railway line*
- Installation of equipment to support loading operations and emergency response enhancements*

For a complete list of construction activities and to sign up for the project notification system visit www.transmountain.com.



CONSTRUCTION NOTICE

Westridge Marine Terminal Construction Timeline



Construction activities will mainly take place between 7 am and 8 pm Monday to Friday and from 9 am to 8 pm on Saturday. No work is planned on Sundays and statutory holidays. There are no pile driving activities planned outside of the port authority’s standard construction hours. Night shift work may be required, however, activities will be limited to low-noise activities and notification will be provided. All work will be measured and evaluated so as not to exceed BC Oil and Gas Commission and Health Canada noise guidelines.

In addition to marine terminal and foreshore construction works other construction activities will take place upland from the foreshore (outside of the port authority’s jurisdiction) between 7 am and 8 pm Monday to Friday and from 9 am to 8 pm on Saturday. Boring of the tunnel between Westridge Terminal and Burnaby Terminal will involve 24 hours of activity, including tunnel maintenance every evening, and could occur 5 to 7 days per week. During the course of these activities the public may notice increased activity and intermittent construction-type noise in proximity to the worksite. Intermittent, temporary traffic delays may occur in order to move equipment in and out of the worksites.



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Measures are in place to minimize impacts of construction activities on the public and the environment. Trans Mountain and its contractors have developed management plans including Traffic Management Plans, Construction Environmental Management Plans and plans to mitigate noise, lighting and emissions. These plans are available at www.portvancouver.com/development-and-permits/status-of-applications/kinder-morgan-westridge-marine-terminal-upgrade-and-expansion-project/.

For More Information

A public information session will be held in Burnaby, BC on September 21, 2017 at Delta Hotels Burnaby Conference Centre (4331 Dominion Street, Burnaby) from 6 pm – 8 pm. The purpose of the information session is to provide up-to-date project information including details about construction schedule and scope, traffic management, as well as other environmental and community mitigations, and to raise awareness of Project communication channels and Project contact information for inquiries.

Available 24/7, the Project website (www.transmountain.com) is the best place to find detailed and up-to-date construction information.

For questions regarding the Vancouver Fraser Port Authority's permitting process, please call 604-665-9570 or email Permit.Comments@portvancouver.com.

Receive construction updates by signing up online to the Project website and/ or by monitoring the social media channels below.

CONTACT US:

Trans Mountain Expansion Project

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 1.866.514.6700

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