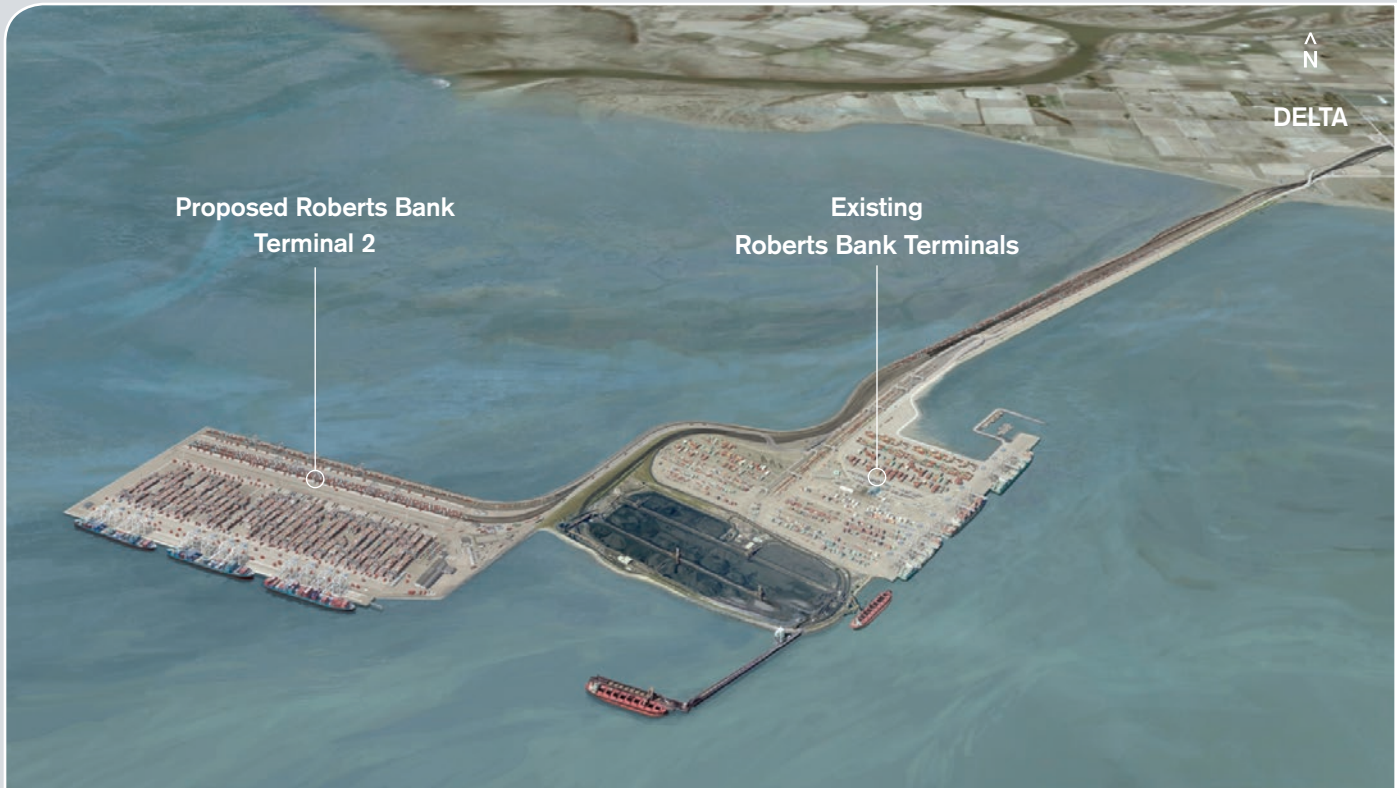


# Roberts Bank Terminal 2 Project

## PROJECT OVERVIEW

The Roberts Bank Terminal 2 Project is a proposed new three-berth container terminal in Delta, B.C. that would provide 2.4 million TEUs (twenty-foot equivalent unit containers) of container capacity. Subject to environmental and regulatory approvals, the project could be fully operational by the mid-2020s.



*An artist's rendering of the proposed Roberts Bank Terminal 2 Project, adjacent to the existing Roberts Bank terminals.*

## ENVIRONMENTAL ASSESSMENT

The proposed Roberts Bank Terminal 2 Project will be subject to a thorough and independent environmental assessment. On September 12, 2013, Port Metro Vancouver filed a Project Description with the Canadian Environmental Assessment Agency and the British Columbia Environmental Assessment Office. A Project Description assists regulatory agencies in determining whether an environmental assessment is required for the project, and if so, it provides the information required to determine the scope and nature of the assessment.

For more information regarding the Canadian Environmental Assessment Agency, please visit [www.ceaa-acee.gc.ca](http://www.ceaa-acee.gc.ca).

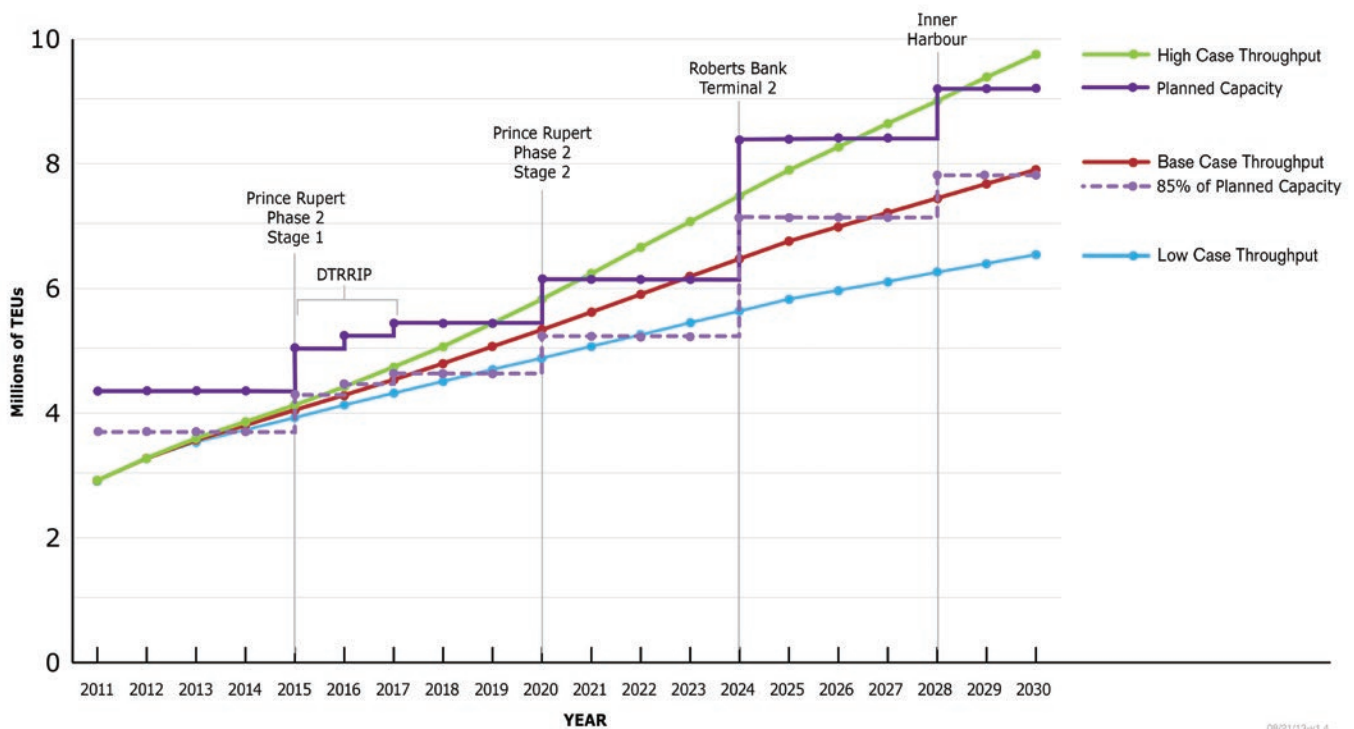
For more information regarding the British Columbia Environmental Assessment Office, please visit [www.eao.gov.bc.ca](http://www.eao.gov.bc.ca).

## PLANNING NOW FOR CANADA'S TRADE FUTURE

Large infrastructure projects like the proposed Roberts Bank Terminal 2 Project require a long lead time, and that is why Port Metro Vancouver is planning now to make sure that there is enough capacity to meet future demand for containerized trade.

In 2012, almost 3.3 million TEUs transited the Canadian West Coast, of which 2.7 million TEUs moved through terminals within Port Metro Vancouver's jurisdiction. Annual third-party forecasts show that demand for containerized trade is growing, with containerized trade on Canada's West Coast set to double over the next 10-15 years and nearly triple by 2030. The graph below shows container forecasts for Canada's West Coast (Ocean Shipping Consultants, July 2013). The stepped lines show projects, both underway and planned, that would accommodate these increases in demand<sup>1</sup>. Based on the current project schedule and subject to environmental certification, the Roberts Bank Terminal 2 Project could be fully operational by the mid-2020s.

### WEST COAST - FORECAST AND PLANNED CAPACITY INCREASES



08/21/13-v1.4

<sup>1</sup> The dashed line indicating 85% of Planned Capacity indicates the operating capacity of the terminal. Container terminals start to lose efficiency when they attempt to operate at higher than 85% of capacity. Operating at slightly below capacity allows terminals to adapt to seasonal fluctuations in container volumes or disruptions in the supply chain that may impact the volume of imports and exports through the terminal.

## WHY ROBERTS BANK?

Roberts Bank is an established trade gateway and is well positioned to accommodate future growth in trade activity. It has several competitive advantages, including its proximity to major transportation corridors for both truck and rail movements, direct access to numerous off-dock facilities and one of the most efficient ship-to-rail designs of any port in North America.

Trade through Roberts Bank will also benefit from two initiatives that are currently underway to improve transportation for communities, commuters and commercial traffic.

- **South Fraser Perimeter Road (SFPR):** a new 40-kilometre-long four-lane route along the south side of the Fraser River from Deltaport Way to 176th Street in Surrey. When complete at the end of 2013, SFPR will offer an efficient trade corridor and will divert trucks and other traffic off municipal roads in Delta and Surrey.
- **Roberts Bank Rail Corridor Program:** includes one road network improvement project and eight overpasses in Delta, Surrey, the City of Langley and the Township of Langley. Once complete in 2014, these projects will separate road and rail traffic, improving safety, easing community connections and minimizing train whistling.

These projects will help relieve current road and rail congestion on local roads and will accommodate traffic generated by capacity increases at Roberts Bank, including the Roberts Bank Terminal 2 Project.

## ROBERTS BANK TERMINAL 2 PROJECT

The proposed Roberts Bank Terminal 2 Project consists of two primary components: the marine terminal and related road and rail improvements on the Roberts Bank causeway. The marine terminal would be located northwest of the existing Roberts Bank terminal facilities, approximately 5.5 kilometres offshore from the mainland. The terminal would be located as far offshore as practical to reduce the impact on sensitive marine habitat and limit the amount of dredging required, while meeting seismic performance criteria given ground stability conditions.

The 1,300-metre berth structure is designed to accommodate simultaneous mooring of three modern container vessels, two of which would meet 2014 post-Panamax criteria with lengths up to 370 metres and a capacity of 12,000 TEUs, and one ultra-large container ship, up to 400 metres long with a capacity of 18,000 TEUs. It is anticipated that the terminal would make considerable use of electric equipment and vehicles, as well as providing berthed ships with shore power, therefore allowing them to turn off their electric generators and reduce air emissions.

In order to provide access to the new terminal, a variety of road and rail improvements would be required on the Roberts Bank causeway, including additional lead tracks, a switching yard, an overpass structure and access roads. To reduce potential impacts on sensitive marine habitat on the northwest side, the causeway would be widened to different widths along its length.

## FIELD STUDIES

As part of ongoing environmental and technical work for the proposed Roberts Bank Terminal 2 Project, Port Metro Vancouver has been and continues to undertake field studies at Roberts Bank and the surrounding areas. The studies are part of the early planning phase focused on collecting baseline inventory information to develop an understanding of current conditions in all of the study areas. The results of these baseline studies would serve as preparatory information for impact assessments. Once potential impacts have been identified as part of the impact assessments, Port Metro Vancouver will develop and evaluate options for mitigation.

For more information regarding past and present field studies, including terms of reference and monthly summaries, please visit:

[www.portmetrovancover.com/RBT2](http://www.portmetrovancover.com/RBT2)



## PROJECT CONSULTATION

In addition to opportunities for public input that will be provided through the environmental assessment process, Port Metro Vancouver is undertaking a comprehensive multi-phase public consultation process regarding the proposed Roberts Bank Terminal 2 Project. Consultation began in June 2011 with Pre-Consultation, and continued with Project Definition Consultation in October - November 2012.

For more information about these two rounds of consultation, including consultation discussion guides, summary reports and consideration memos, please visit [www.portmetrovancover.com/RBT2](http://www.portmetrovancover.com/RBT2).

## PRE-DESIGN CONSULTATION – OCTOBER 7 TO NOVEMBER 12, 2013

Consultation with communities, stakeholders and the public is continuing with Pre-Design Consultation, which will run from October 7 to November 12, 2013.

As part of this consultation Port Metro Vancouver will provide up-to-date project information that is consistent with the Project Description that was submitted to regulators on September 12, 2013. It will also allow the Port to gather and consider feedback in advance of the development of the Environmental Impact Statement, which is the application for environmental certification.

## HOW INPUT WILL BE USED

Consultation input will be considered, along with technical and financial information, in developing project designs or plans, including engineering and environmental mitigation plans.

## FIRST NATIONS CONSULTATION

A separate, but parallel, consultation process with First Nations is being undertaken regarding the proposed Roberts Bank Terminal 2 Project.

You can provide feedback or learn about the project by:

- Attending a **small group meeting** or **open house** (see schedule below)
- **Reading consultation materials and providing feedback online** (consultation materials and an online feedback form will be available at [www.portmetrovancover.com/RBT2](http://www.portmetrovancover.com/RBT2) starting October 7, 2013)
- **Visiting Port Talk** ([www.porttalk.ca](http://www.porttalk.ca)) and participating in a discussion forum
- **Calling** 604.665.9337
- Providing a **written submission** through:
  - **Fax:** 1 866.284.4271
  - **Email:** [container.improvement@portmetrovancover.com](mailto:container.improvement@portmetrovancover.com)
  - **Mail:** Roberts Bank Terminal 2 Project  
100 The Pointe, 999 Canada Place, Vancouver, BC  
V6C 3T4

AREA	EVENT	DATE	TIME	LOCATION
Delta	Small Group Meeting	Tuesday, October 8	5:00pm–7:00pm	Coast Tsawwassen Inn 1665 56 <sup>th</sup> Street, Delta
Langley	Small Group Meeting	Wednesday, October 9	5:00pm–7:00pm	Coast Hotel & Convention Centre 20393 Fraser Highway, Langley
Delta	Small Group Meeting	Thursday, October 10	1:00pm–3:00pm	Delta Town & Country Inn 6005 Highway 17, Delta
Surrey	Small Group Meeting	Tuesday, October 15	1:00pm–3:00pm	Surrey Arts Centre 13750 88 Ave Surrey
Richmond	Small Group Meeting	Tuesday, October 15	5:00pm–7:00pm	UBC Boathouse 7277 River Road, Richmond
Vancouver	Small Group Meeting	Wednesday, October 16	9:00am–11:00am	SFU Morris J. Wosk Centre 580 West Hastings Street, Vancouver
Richmond	Open House	Wednesday, October 16	5:00pm–8:00pm	UBC Boathouse 7277 River Road, Richmond
Surrey	Open House	Thursday, October 17	5:00pm–8:00pm	Surrey Arts Centre 13750 88 Ave Surrey
Langley	Open House	Tuesday, October 22	5:00pm–8:00pm	Coast Hotel & Convention Centre 20393 Fraser Highway, Langley
Delta	Open House	Thursday, October 24	5:00pm–8:00pm	Delta Town & Country Inn 6005 Highway 17, Delta
Delta	Open House	Saturday, October 26	10:00am–1:00pm	Coast Tsawwassen Inn 1665 56 <sup>th</sup> Street, Delta

*\*To register for a Small Group Meeting, please email [container.improvement@portmetrovancover.com](mailto:container.improvement@portmetrovancover.com) or call 604-665-9337. Pre-registration for open houses is not required.*

### DID YOU KNOW?

- A forty-foot container can hold more than 8,000 pairs of shoes!
- Modern shipping containers can last for over 10 years.
- Thanks to insulated and refrigerated containers, fruits and vegetables grown in BC can arrive in foreign markets just as fresh as the day they left.





porttalk.ca #porttalk

PortTalk is Port Metro Vancouver's engagement and consultation tool for connecting with people in the communities in which we operate. This new platform provides a convenient way for anyone to seek information and provide feedback on the Roberts Bank Terminal 2 Project, as well as numerous other Port-led projects. PortTalk can be visited at [www.PortTalk.ca](http://www.PortTalk.ca).

## ROBERTS BANK TERMINAL 2 WEBSITE

Port Metro Vancouver has created a stand-alone website that provides a wealth of information regarding the Roberts Bank Terminal 2 Project.

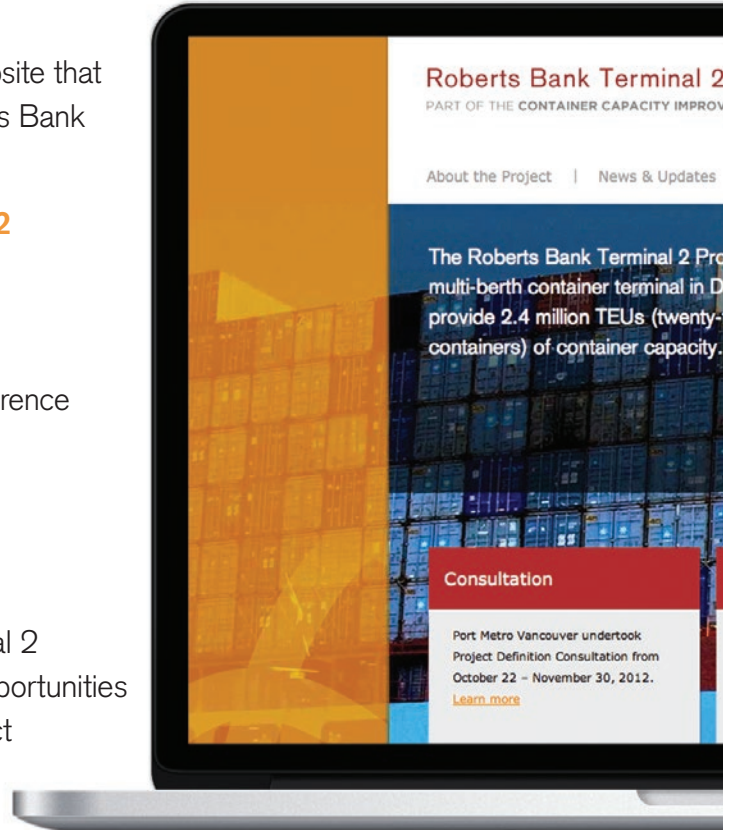
Please visit [www.portmetrovancover.com/RBT2](http://www.portmetrovancover.com/RBT2) to access:

- Project reports and past consultation documents
- Field studies documents, including Terms of Reference and monthly overviews
- Historical documents regarding Roberts Bank

## SIGN UP FOR PROJECT UPDATES

Stay up-to-date regarding the Roberts Bank Terminal 2 Project, and receive notification of field work and opportunities to participate in consultation, by signing up for project updates at:

[www.portmetrovancover.com/RBT2](http://www.portmetrovancover.com/RBT2).



### We Want to Hear From You

For further information, please visit the Roberts Bank Terminal 2 Project website at [www.portmetrovancover.com/RBT2](http://www.portmetrovancover.com/RBT2).

If you have any other questions or comments regarding the proposed Roberts Bank Terminal 2 Project, please contact us by:

**Email:** [container.improvement@portmetrovancover.com](mailto:container.improvement@portmetrovancover.com)

**Phone:** 604.665.9337

**Fax:** 1.866.284.4271

Attention: Roberts Bank Terminal 2 Project

**Mail: Roberts Bank Terminal 2 Project**

Port Metro Vancouver

100 The Pointe, 999 Canada Place

Vancouver, BC V6C 3T4