

# Roberts Bank

## Container Expansion Project

## Planning Begins for Roberts Bank Container Expansion

The Roberts Bank Container Expansion Project is a Vancouver Port Authority proposal to expand container handling facilities at Roberts Bank in Delta to an anticipated capacity of 3.2 million TEUs. The project will add a third berth to Deltaport Container Terminal and develop a new three berth container terminal, to be called Terminal 2.

### What is a TEU?

*A TEU, or Twenty-foot Equivalent Unit, is a standard unit for measuring container volumes based on a container 20 feet in length. Some containers are actually longer than 20 feet and a container 40 feet in length is equal to two TEUs of capacity.*

Deltaport was completed in 1997 and first expanded in 2000. It is the Port's newest and largest container terminal facility with an existing capacity of 850,000 TEUs. The terminal includes two container berths on 65 hectares and is operated by Terminal Systems Inc.

## Expanding Opportunities

Transpacific container traffic is increasing due to the growth in global trade and the containerization of a larger range of products. Major ports in the Pacific Northwest expect their container traffic to remain strong and more than double in the next 20 years. In order to maintain the Port of Vancouver's competitiveness and capture this growth, additional container capacity is essential. Container handling expansion will benefit communities in the Lower Mainland and throughout British Columbia by generating significant employment and economic activity.

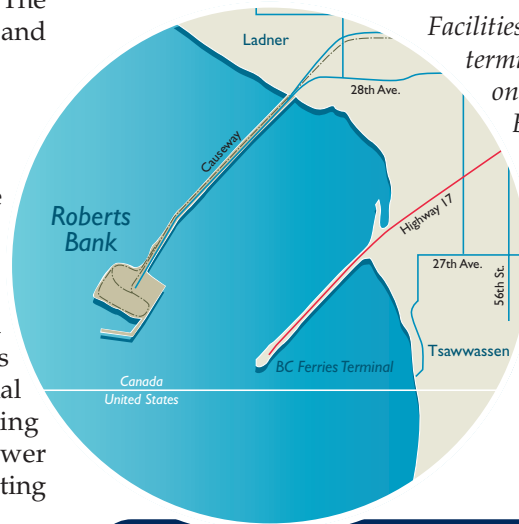
The anticipated increase in demand for container handling facilities presents an opportunity for the Port to handle upwards of 4 million TEUs annually. The container business remains an excellent opportunity for future economic development. Many businesses in B.C. and across Canada rely on the continued success of the Port and container growth. At Roberts Bank, the proposed container terminal expansion could result in approximately \$450 million in additional wages and approximately \$550 million to Canada's gross domestic product.

## Project Commitments

All potential environmental impacts associated with the expansion of container handling facilities at Roberts Bank will be comprehensively studied over the course of the project review. The Port will develop a project that will:

- ◆ meet or exceed all regulatory and permitting requirements
- ◆ be environmentally and socially sustainable
- ◆ be designed, built and operated in a way that addresses local issues and delivers local benefits
- ◆ be consistent with the world-class operations currently in place at Roberts Bank

*The Vancouver Port Authority is an independent agency created by the federal government in 1999 to manage federal port lands in Vancouver and surrounding municipalities. The Port manages 500 hectares of land and 6,000 hectares of water along 233 km of coastline from Roberts Bank to Burrard Inlet.*



*Facilities include three container terminals: two terminals are on the south shore of Burrard Inlet (Vanterm and Centerm) and one terminal is at Roberts Bank (Deltaport).*

### Inside you'll find information on:

- ◆ upcoming public open houses
- ◆ studies to be undertaken as part of the project review
- ◆ opportunities to provide input

## Deltaport Expansion

The Deltaport terminal expansion will create new land for terminal infrastructure development - including 3 to 4 new cranes and enhanced on-site container storage. The Port has identified a study area for the expansion (see map for details) and within that area various site options will be identified.

### The Deltaport expansion:

- ◆ will occupy submerged land owned by the Port as well as land within provincial jurisdiction
- ◆ will require some limited dredging to accommodate the new berth and expand the existing ship-turning basin
- ◆ will require improvements to existing rail infrastructure on the BC Rail mainline, adjacent to Deltaport Way
- ◆ may require regional road improvements

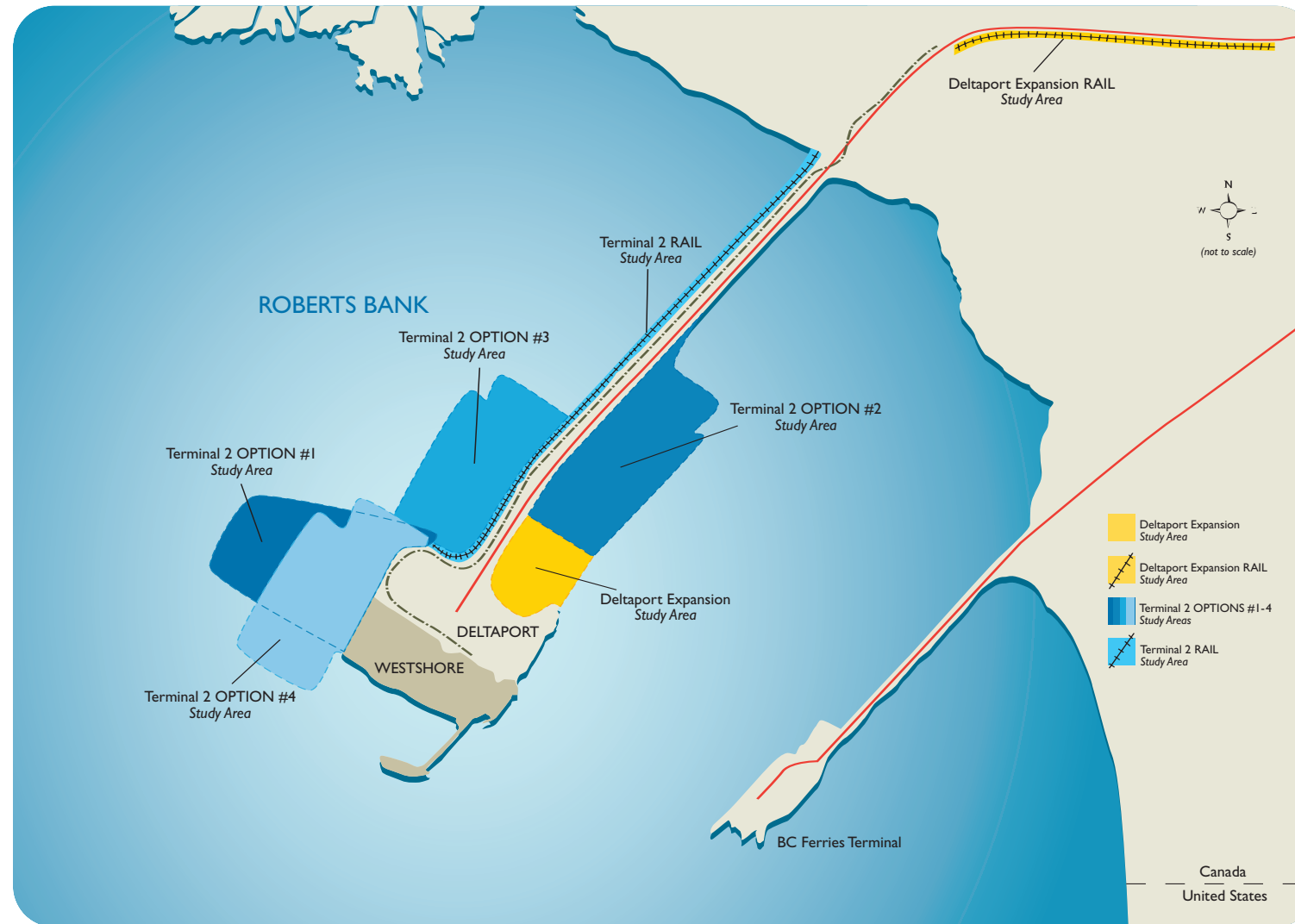


## Terminal 2

Terminal 2 will create approximately 80 hectares of new land for terminal infrastructure development - including three new berths, 8 to 10 cranes, on-site container storage and other operational facilities. The Port has identified study areas for Terminal 2 (see map for details) and within those areas there are four site options.

### Terminal 2:

- ◆ will occupy submerged land within provincial jurisdiction
- ◆ may require improvements to existing rail infrastructure on the west side of the Roberts Bank causeway
- ◆ may require widening of the causeway to accommodate the rail infrastructure improvements
- ◆ may require regional road improvements



## Regulatory Requirements

The Roberts Bank expansion will require provincial approval under the *B.C. Environmental Assessment Act* and federal approval under the *Canadian Environmental Assessment Act*.

The project will be comprehensively reviewed by federal and provincial government agencies through a single, harmonized environmental assessment process facilitated by the B.C. Environmental Assessment Office (EAO) and open to the full participation of stakeholders and the general public.

Both the Deltaport expansion and Terminal 2 development will require several federal approvals, including authorization under the *Fisheries Act*. The Canada Port Authority Environmental Assessment Regulations will also apply to the regulatory review.

*The project will be comprehensively reviewed by the federal and provincial government and open to the full participation of stakeholders and the general public.*

## Proposed Studies

To meet the regulatory requirements, a comprehensive environmental impact assessment of the project must be undertaken. The assessment will identify all of the potential environmental, economic, social, heritage and health impacts, and define how they will be mitigated through project design. Proposed areas of study for the impact assessment include:

- ◆ marine environment
- ◆ marine mammals
- ◆ birds
- ◆ terrestrial environment
- ◆ air quality
- ◆ noise and light
- ◆ traffic impacts
- ◆ socio-economic impacts
- ◆ cumulative environmental effects
- ◆ environmental management

## Proposed Project Schedule

Timeframe	Activities
April 2003 and ongoing	◆ undertake public consultation and First Nations discussions
April 2003 - June 2003	◆ develop terms of reference for environmental, social and economic impact assessment studies
June 2003 - March 2004	◆ technical/environmental consultants undertake impact assessment surveys and studies
January 2004 - April 2004	◆ prepare draft Application and Comprehensive Study for provincial and federal review
May 2004 - September 2004	◆ provincial and federal review of draft Application and Comprehensive Study
October 2004	◆ submit final Application to EAO
October 2004 - March 2005	◆ provincial and federal review of final Application
Mid-2005	◆ commence construction of Deltaport Expansion & Terminal 2 ( <i>pending regulatory approval</i> )
Late 2007	◆ complete construction of Deltaport Expansion
Late 2009	◆ complete construction of Terminal 2

Become involved and  
provide your feedback at one of the  
upcoming public open houses

## Public Consultation

The Vancouver Port Authority is committed to involving the local community and other stakeholders in an open and interactive public consultation process that is fully integrated with the project review.

All interested parties and members of the public will have ample opportunity to:

- ◆ access information about the project and the environmental assessment review process
- ◆ engage in dialogue with Port staff and technical consultants
- ◆ provide their input on project studies, design, construction and operations

The Port is also committed to fulfilling its responsibility to consult with First Nations that have traditional interests in the project study area.

## How to Learn More and Provide your Input

- ◆ check out the web site at:  
[www.portvancouver.com/container\\_expansion](http://www.portvancouver.com/container_expansion)
- ◆ attend one of the upcoming public open houses and talk to members of the project team
- ◆ phone the project information line to ask questions and share comments



## Public Open Houses

*Please drop by either open house. The same information will be presented each day.*

### May 21, 2003 (Wednesday)

South Delta Recreation Centre - Hall A  
1720-56th Street, Delta  
Between 4pm and 8pm

### May 22, 2003 (Thursday)

North Delta Recreation Centre - Delta Room  
11415-84th Avenue, Delta  
Between 4pm and 8pm



### How to contact us

Project Information Line: 604.665.9337

E-mail: [container\\_expansion@portvancouver.com](mailto:container_expansion@portvancouver.com)

Fax Number: 604.665.9339

### Mailing Address:

Vancouver Port Authority

Container Development Group

1900 Granville Square, 200 Granville Street

Vancouver, B.C. V6C 2P9