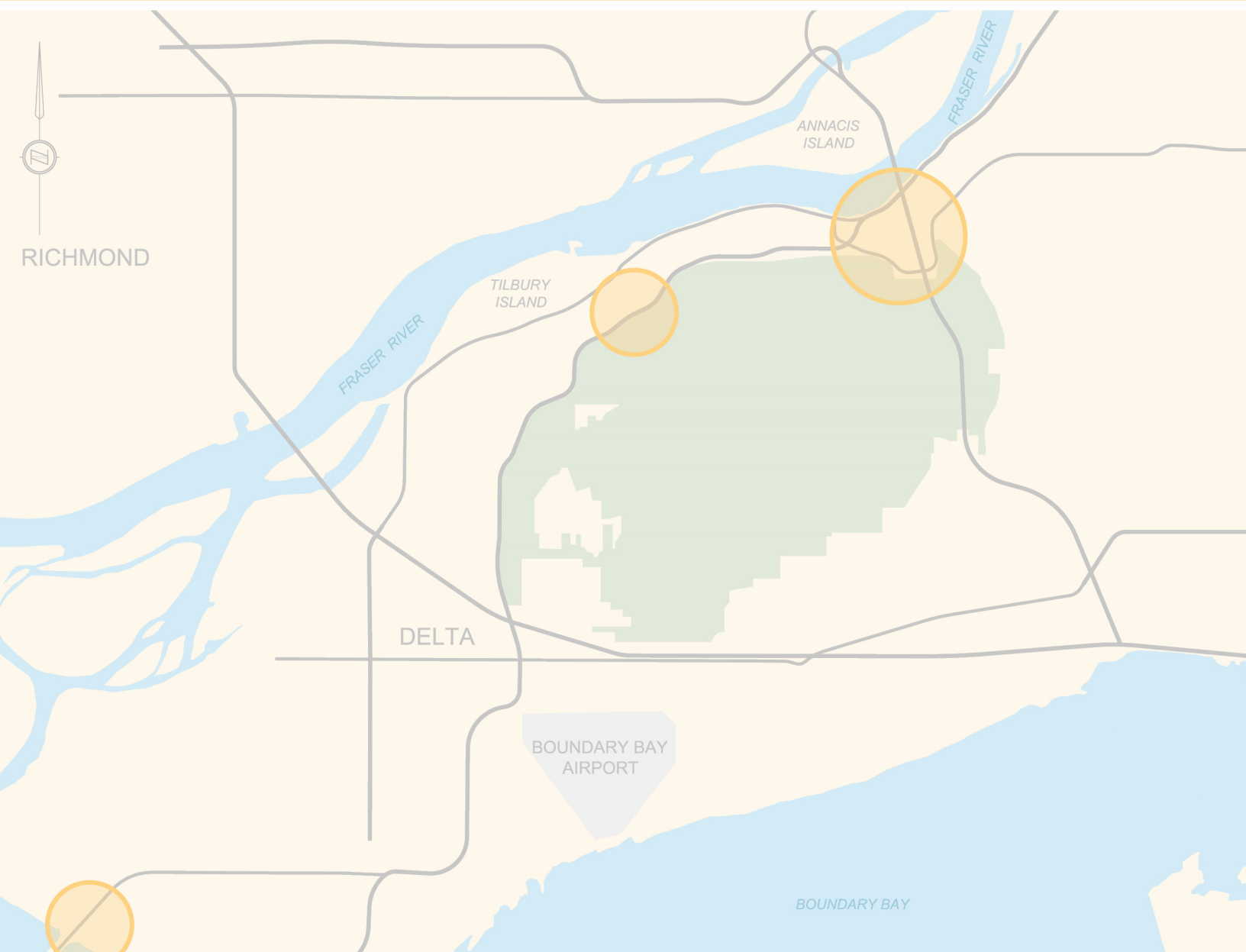


# HIGHWAY 91/17 AND DELTAPORT WAY UPGRADE PROJECT

ENGAGEMENT SUMMARY REPORT

AUGUST 2018



*This independent report of findings was prepared by Lucent Quay Consulting Inc. (Lucent Quay) in association with R.F. Binnie & Associates for the Ministry of Transportation and Infrastructure's Highway 91/17 and Deltaport Way Upgrade Project.*

*The report summarizes input received at the public open house and through feedback forms submitted during the formal engagement period.*

*Any personal information collected at the open house or through submitted feedback forms is for the purposes of informing the Highway 91/17 and Deltaport Way Upgrade Project undertaken by the Ministry of Transportation and Infrastructure under s.26(c)(e) of the Freedom of Information and Protection of Privacy Act. For questions about the collection of personal information, please contact the Executive Project Director, Ministry of Transportation and Infrastructure at [Info.HWY91\\_17@gov.bc.ca](mailto:Info.HWY91_17@gov.bc.ca).*

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# EXECUTIVE SUMMARY

## ABOUT THE PROJECT

The Highway 91/17 and Deltaport Way Upgrade Project (the Project) is a combination of improvements to the existing Highway 91, Highway 17, Highway 91 Connector and Deltaport Way to improve travel safety, reliability and efficiency. These upgrades will improve local and commercial travel time and reliability in the area, reduce conflicts between commercial vehicles and other traffic, and support community and economic development. The upgrades also complement the Alex Fraser Bridge and 72<sup>nd</sup> Avenue Interchange Projects on the Highway 91 corridor currently underway.

The Project is being funded by the Province of British Columbia, the National Infrastructure Component of the New Building Canada Fund, the Vancouver Fraser Port Authority and the Tsawwassen First Nation, and is being delivered by the Ministry of Transportation and Infrastructure. The anticipated cost of the Project is approximately \$245 million.

The Project is currently in the procurement stage, with site investigation and early works scheduled for summer 2018 and Project completion anticipated in late 2023.

## PUBLIC ENGAGEMENT PROCESS

Public engagement activities for the Project began in February 2018, with the launch of the Project webpage, dedicated email address and information phone line that is monitored by the Project Team.

In June 2018, the Ministry launched a formal public engagement period to share updated designs and measures to protect the environment, seek input on construction management measures, and respond to questions from the business and residential community. Open house materials and the feedback form were posted on the Project webpage at [www.gov.bc.ca/highway91-17-deltaport](http://www.gov.bc.ca/highway91-17-deltaport) on June 28, 2018.

This report summarizes input received during the formal public engagement period between June 28, 2018 and July 12, 2018.

### Notification

- 325 notification letters distributed within the Project area
- 8 follow up calls and emails to key stakeholder groups
- 2 advertisements placed in the Delta Optimist and North Delta Reporter
- 1 information bulletin released

### Participation

- 19 people attended the public open house
- 400 visits to the Project website
- 16 people downloaded the feedback form from the Project website
- 8 people signed up for Project update emails
- 11 people submitted feedback forms at the open house
- 1 submission was received through the Project email

## SUMMARY OF FEEDBACK

- Strong support for the Project with a desire to see the upgrades implemented as soon as possible

- Support for improved travel time reliability and reducing congestion along the Highway 91 corridor
- Support for improved cycling connections along the Project corridor and increased safety for cyclists
- Suggestions for additional Project scope, including eliminating all traffic signals and widening shoulders along Highway 17
- Support for proposed Project environmental work
- Desire for more information about construction management plans, with an emphasis on advance notice of planned detours or traffic pattern changes

Participants were asked to indicate the level of importance of a list of 14 Project considerations, including construction management measures, design features, Project schedule and potential benefits. The complete list of considerations is available in the Feedback Form attached in Appendix B.

**The top three Project considerations identified by respondents were:**

- Improving travel time reliability and reducing congestion
- Increased safety for travellers
- Traffic management during construction

# 1. OVERVIEW

## 1.1 ABOUT THE PROJECT

The Highway 91/17 and Deltaport Way Upgrade Project (the Project) is a combination of improvements to the existing Highway 91, Highway 17, Highway 91 Connector and Deltaport Way to improve travel safety, reliability and efficiency. These upgrades will improve local and commercial travel time and reliability in the area, reduce conflicts between commercial vehicles and other traffic, and support community and economic development. The upgrades also complement the Alex Fraser Bridge and 72<sup>nd</sup> Avenue Interchange Projects currently underway.

The Project is being funded by the Province of British Columbia, the National Infrastructure Component of the New Building Canada Fund, the Vancouver Fraser Port Authority and the Tsawwassen First Nation, and is being delivered by the Ministry of Transportation and Infrastructure (the Ministry).

The Project is currently in the procurement stage. Site investigation and other early work is scheduled for summer 2018, with construction starting in 2019 and Project completion anticipated in late 2023.

## 1.2 ABOUT THIS REPORT

Sections 1 and 2 of this report provide the overview and background information for the Project and the formal public engagement process, including participation levels. Section 3 summarizes the key findings from the feedback form responses and open house comments and Section 4 outlines how input will be considered and next steps.

## 2. ENGAGEMENT PROCESS

### 2.1 PURPOSE

Public engagement activities for the Project began in February 2018 with the launch of the Project webpage, dedicated email address and information phone line that is monitored by the Project Team.

In June 2018, the Ministry launched a formal public engagement period for the Project that took place from June 28 to July 12, 2018. The purpose of the engagement was to:

- Share updated designs and measures to protect the environment
- Seek input on construction management measures
- Respond to questions from the business and residential community

The release of the public engagement materials, including the feedback form and materials for the open house were posted to the Project webpage at [www.gov.bc.ca/highway91-17-deltaport](http://www.gov.bc.ca/highway91-17-deltaport) on June 28, 2018. This report includes feedback received during this formal engagement period.

### 2.2 NOTIFICATION

The Ministry invited public participation through a variety of methods identified in the following table. Copies of all notification materials are included in Appendix A.

| Form of Notification             | Description   | Date(s)  |
|----------------------------------|---|--|
| Newspaper advertising            | Public notices placed in the Delta Optimist and North Delta Reporter to advertise the Project open house date   | Delta Optimist (June 20, 2018)<br>North Delta Reporter (June 21, 2018) |
| Email and phone                  | Notification from the Project email and follow up calls to key stakeholder groups to announce the launch of the formal engagement period and provide open house information | June 20, 2018  |
| Notification letter distribution | 325 open house notification letters distributed to announce the launch of the formal engagement period and provide open house information                                   | June 22, 2018  |
| Information bulletin             | Information bulletin announcing launch of the formal engagement period and open house information, which generated editorial coverage in the Delta Optimist                 | June 25, 2018  |
| Webpage                          | Launch of engagement materials at <a href="http://www.gov.bc.ca/highway91-17-deltaport">www.gov.bc.ca/highway91-17-deltaport</a>  | June 28, 2018  |

## 2.3 PUBLIC ENGAGEMENT METHODS

### Open House

The Ministry hosted a public open house between 4 p.m. and 7 p.m. on June 28, 2018 at the North Delta Recreation Centre in Delta, B.C. Ministry Project Team members were present to answer questions and discuss community suggestions.

Each participant was asked to sign in and was provided a copy of the feedback form. Display boards featured Project information and visual renderings of the Project reference concepts. Copies of the display boards featured during the open house are included in Appendix B.

### Feedback Form

A 13-question feedback form asked participants to provide comments on the Project scope and design, Project construction, traffic management, cycling connections in Delta, Project environmental work and participant demographics. Participants were encouraged to submit their hardcopy feedback forms at the end of the open house but could also submit the forms by email to [info.hwy91\\_17@gov.bc.ca](mailto:info.hwy91_17@gov.bc.ca) or by mail to the Project office at Suite 1450-605 Robson Street, Vancouver, B.C. V6B 5J3. A copy of the feedback form is included in Appendix B.

### Online Engagement

Public engagement materials were made available on the Project website [www.gov.bc.ca/highway91-17-deltaport](http://www.gov.bc.ca/highway91-17-deltaport) including electronic versions of the open house display boards, the feedback form and the Project factsheet. Visitors to the page were invited to sign up for Project updates by emailing the Project Team at [info.hwy91\\_17@gov.bc.ca](mailto:info.hwy91_17@gov.bc.ca).

## 2.4 PARTICIPATION

| Format               | Participation   |
|----------------------|---|
| Website              | Approximately 400 website visits during the formal engagement period  |
| Open House           | 19 people attended the open house<br>8 people signed up for Project update emails   |
| Feedback Forms       | 12 people completed feedback forms, of which 11 were completed at the public open house and one was submitted through the Project email |
| Project Team Contact | 7 people contacted the Project Team via email during the formal engagement period   |



### 3. SUMMARY OF INPUT

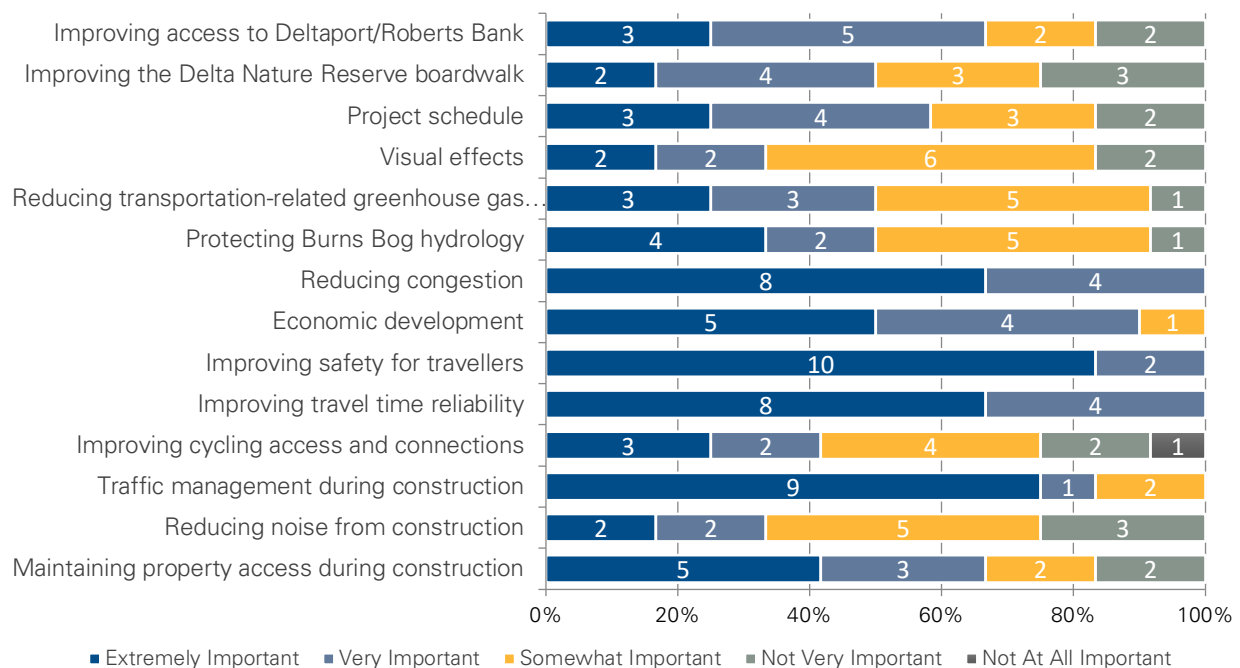
Input was collected through discussions at the open house and the feedback forms submitted. Key theme summary results are described in the sections that follow.

#### 3.1 FEEDBACK FORM RESULTS

The following are results from the 12 feedback forms received during the formal engagement period.

##### 1. *Project Scope and Design Considerations*

Participants were asked to rate elements of the Project scope and design. A total of 12 responses were received as noted in the graph below.



##### **Key themes:**

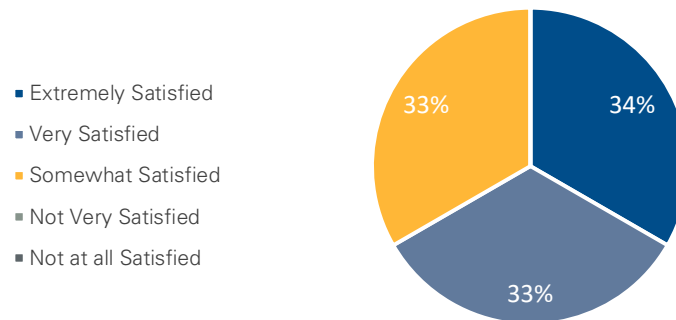
Respondents generally agreed that improving safety for travellers, traffic management during construction, improving travel time reliability, and reducing congestion were all extremely important.

It is noted that all respondents marked improving travel time reliability, reducing congestion and improving safety as either extremely or very important.

Managing visual effects and reducing noise from construction seen as less important.

## 2. Project Scope and Design

Respondents were asked to rate their level of satisfaction with the overall Project as proposed. All 12 respondents noted satisfaction, with results equally split between “somewhat satisfied”, “very satisfied” and “extremely satisfied”.



## 3. Project Construction

Respondents were asked to indicate what information about Project construction is most important to them. All 12 respondents provided comments, with some indicating multiple considerations for Project construction. Verbatim responses were summarized into themes. Key themes are noted in the table below.

| Comments/Questions about Project Construction   |                  |
|---|------------------|
| Key Themes  | # of Respondents |
| General comments of support for reducing congestion and improving travel times and capacity on Highway 91 and Highway 17    | 6                |
| Suggestions for additional Project scope, including eliminating all traffic signals and widening shoulders along Highway 17 | 1                |
| Requests for information about construction effects on cycling connections  | 1                |
| Requests for access to updated Project designs when available   | 2                |
| Requests for additional information about Project schedule, including key milestones  | 4                |
| Requests for construction staging information when available  | 2                |
| Interest in and concerns about safety during Project construction   | 1                |
| Desire to maintain access to businesses during Project construction   | 1                |

#### 4. Traffic Management During Construction

Respondents were asked to indicate any questions or comments about traffic management during construction. Six participants provided comments or questions. Key themes are noted in the table below.

| Comments/Questions about traffic management during construction                              |                  |
|--|------------------|
| Key Themes   | # of Respondents |
| Information about how traffic management during construction will affect cycling connections | 1                |
| Desire for advanced notice of any of detours or traffic pattern changes                      | 4                |
| Comment of support for how previous Ministry projects were implemented                       | 1                |

#### 5. Cycling Connections

Respondents were asked to comment on cycling connections in Delta. Six participants provided comments. Key themes are noted in the table below.

| Comments about cycling connections in Delta  |                  |
|--|------------------|
| Key Themes   | # of Respondents |
| Improve cycling connections through River Road, North Delta, Tilbury, and Alex Fraser Bridge areas         | 2                |
| Address flooding on existing cycling connections near Nordel Way and Alex Fraser Bridge                    | 2                |
| Include cycling network on Google maps   | 2                |
| Comments noting safety concerns arising from high truck traffic volumes and narrow shoulders on Highway 17 | 4                |

## 6. *Project Environmental Work*

Respondents were invited to provide comments about the Project environmental work. Four participants provided comments. Key themes are noted in the table below.

| Comments about Project environmental work  |                  |
|--|------------------|
| Key Themes   | # of Respondents |
| Reduce traffic-related noise in North Delta/Burns Bog boardwalks   | 1                |
| Support for prioritizing environmental work  | 2                |
| Suggestion for noise barriers that angle sound waves toward the sky, minimizing potential for standing sound waves | 1                |

## 7. *General Project Comments*

Respondents were invited to share other comments about the Project. Six participants provided comments. Key themes are noted in the table below.

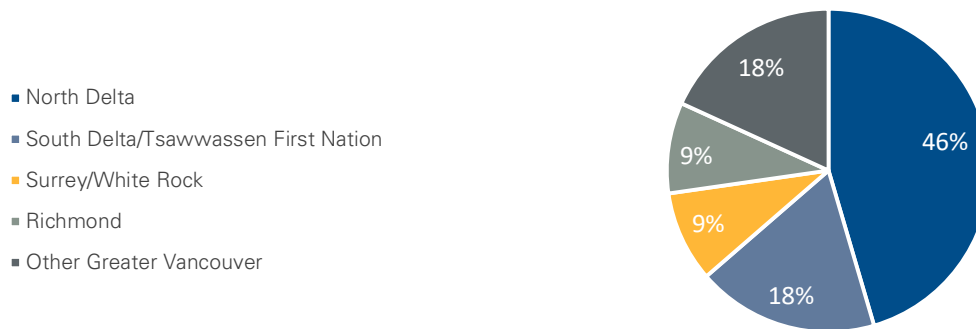
| Comments about the Project  |                  |
|---|------------------|
| Key Themes  | # of Respondents |
| Statements of support for the Project   | 3                |
| Statement of support for addressing the existing congestion and safety challenges in the area                                   | 3                |
| Request for detailed cost estimates   | 1                |
| Suggestion to incorporate full-movement interchanges along the entire Highway 17 corridor and to widen the Highway 91 Connector | 1                |
| Request for information about traffic volumes   | 1                |

## ***Participant Demographics***

### ***8. Place of Residence***

Respondents were asked to choose from a list of options, which best describes their place of residence in proximity to the Project area.

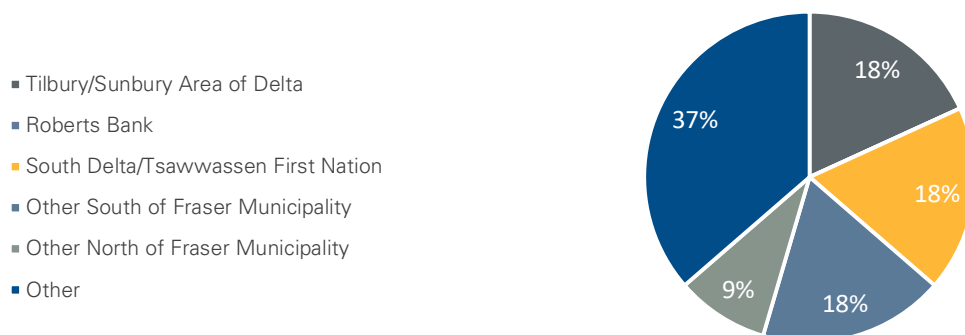
Of the 11 responses received, the majority indicated that they live in North Delta (45%), followed by South Delta/Tsawwassen First Nation (18%), Surrey and Richmond (9% each), and elsewhere in the Greater Vancouver Area (18%).



## 9. Place of Work

Respondents were asked to choose from a list of options, which best describes their work/school in proximity to the Project area.

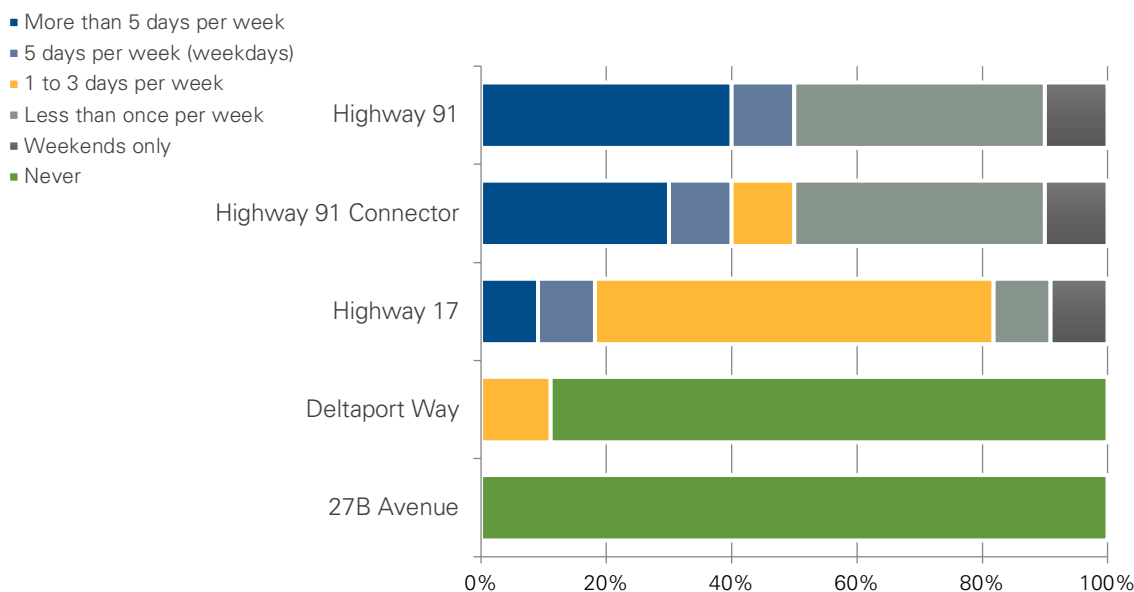
Of the 11 responses received, 18% indicated that they work in Tilbury/Sunbury area of Delta, South Delta/Tsawwassen First Nation, or other South of Fraser Municipalities. More than one-third (37%) indicated “other, specify” but did not provide a location.



## 10. Frequency of Travel

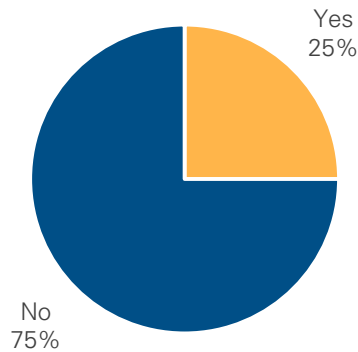
Respondents were asked to indicate how often they travel in the Project area, including Highway 91, Highway 91 Connector, Highway 17, Deltaport Way and 27B Avenue.

Of the 11 responses received, Highway 91 is the most frequently used route, with 50% of respondents using it five days per week or more. More respondents use Highway 17 but use it less frequently than Highway 91 – more than 80% of respondents use it at least once a week, with most (60%) using it 1 to 3 days per week. No respondents use 27B Avenue and very few use Deltaport Way.



### 11. Cycling in Project Area

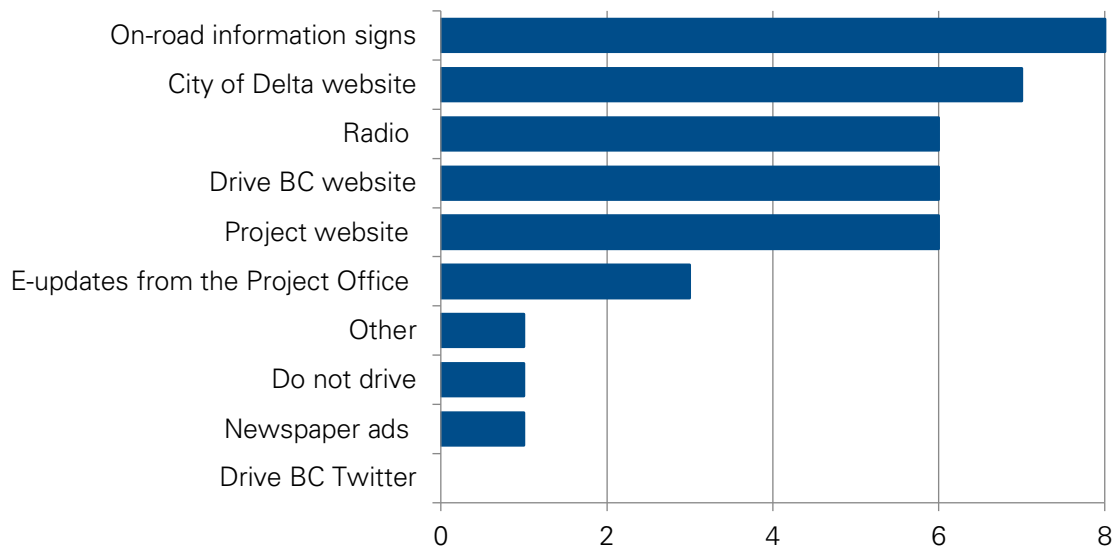
Respondents were asked to indicate whether or not they presently cycle in the Project area. Of the 11 responses received, 25% of respondents indicated “yes” and 75% indicated “no”.



### 12. Project Information Sources

Respondents were asked to choose from a list of potential sources of information to indicate where they would look for information about road conditions during construction. A total of 11 people responded. The majority of respondents (72%) would look to on-road information signs, while 64% would look to the City of Delta website.

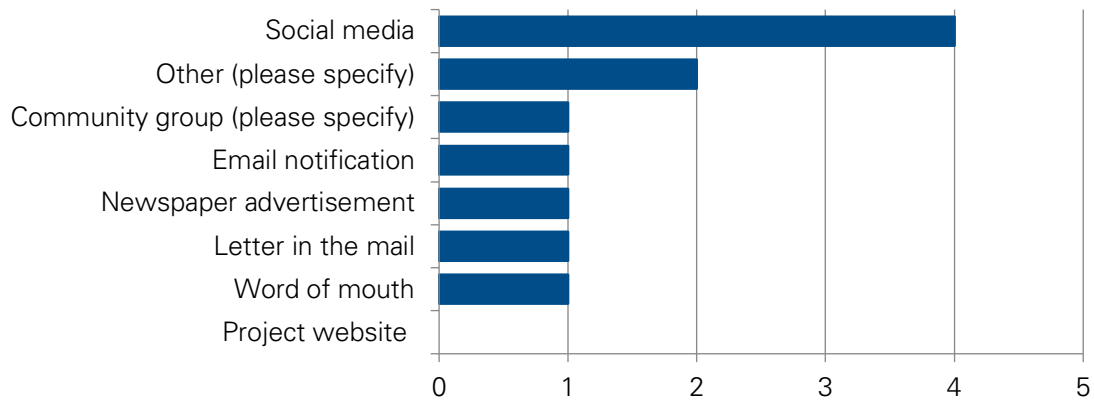
Radio, the Drive BC website and the Project website were identified as the next most popular source of information (55% each). Radio stations of choice include CKNW 980 and News 1130.



*Note: Respondents were asked to check all options that apply, so values exceed 100%.*

### 13. Open House Notification

Respondents were asked to identify how they heard about the open house. Of the 11 responses received, social media was the frontrunner (36%). The “other, specify” mentions included the City of Delta website and the community group identified was Delta HUB.



### 3.2 OPEN HOUSE SUMMARY

Project Team members made note of their interactions with participants at the open house, which are summarized in the following table.

| Theme                | Comments   |
|----------------------|--|
| Support              | <ul style="list-style-type: none"><li>Strong support for the Project and desire to have it proceed as soon as possible</li></ul>   |
| Delta Nature Reserve | <ul style="list-style-type: none"><li>Support for boardwalk improvements</li><li>Suggestion to use a wood alternative because wood is too susceptible to moisture</li><li>Desire to see final designs when available</li></ul> |
| Noise                | <ul style="list-style-type: none"><li>Noise barriers are important</li></ul>   |
| Project information  | <ul style="list-style-type: none"><li>Enquiries about the schedule and approach for procurement</li></ul>  |



## 4. CONCLUSION AND NEXT STEPS

The Ministry will consider comments received during the formal engagement period along with technical, financial, environmental and policy considerations as Project planning continues. Ongoing Project updates will be communicated through Project emails to subscribers and through the website.

Additionally, while this phase of formal public engagement has concluded, the Project Team welcomes community input on an ongoing basis as Project planning and construction progress.

**For more information:**

[www.gov.bc.ca/highway91-17-deltaport](http://www.gov.bc.ca/highway91-17-deltaport)

[Info.HWY91\\_17@gov.bc.ca](mailto:Info.HWY91_17@gov.bc.ca)

604-398-5016

## APPENDIX A – Notification Materials

## Community

# Celebrating the summer solstice in unusual style



### Living Matters BARBARA GUNN

Yes, folks, it's coming — in just a matter of hours.

The arrival of the best season of the year — in my opinion, anyway — is on the clock. And I am ready and waiting.

Well, for the most part. Heck, the summer solstice is a biggie. It's the longest day of the year. It's the official kickoff to beach time. It's the start to patio season and picnic time and summer holidays.

Hey, I thought. If anything says party time, it's all the above.

"We need to celebrate the solstice," I told the hus-

band days ago.

"Plan it," he said, "and I'll be there."

I researched the possibilities.

In some parts, I learned, bonfires are huge. So are costumes and masks and unusual food. And so is, um, a skinny dip or a naked sprint.

We'd give the latter a pass.

The bonfire idea was interesting, but not terribly practical, given that we have more than a few trees on the property.

The traditional music thing was intriguing, but I wasn't sure what constituted traditional.

Having ruled out the meditation and the wreaths, I turned my attention to the costumes and the unusual food.

"What's an appropriate costume for summer solstice?" I asked the husband. "Surely not Peter Pan or Spider Woman?"

"Of course not," he said. "But a druid might work."

I agreed, even though I hadn't the foggiest idea what a druid costume looked like.

That left the unusual food.

"OK," I said. "This is coming together nicely. But we still need to eat something unusual tomorrow. What does that look like?"

The husband pondered.

"Hmm," he said. "How about pasta topped with potato salad? That's unusual."

"Sure is," I said. "So is chicken noodle Bran Flakes soup."

"Super unusual," he agreed. "Also super disgusting."

So there we had it: A plan.

Come summer solstice we'll be having a small celebration.

We'll dress like druids, sing *Kumbaya* and eat potato salad linguine.

Granted, this might seem the slightest bit odd. But hey, this is just once a year.

## Notice of Open House

### Highway 91/17 and Deltaport Way Upgrade Project

The Highway 91/17 and Deltaport Way Upgrade Project is a combination of improvements to existing Highway 91, Highway 17, Highway 91 Connector and Deltaport Way to improve travel safety and efficiency.

Communities, stakeholders and the public are invited to a drop-in style open house to learn more about the Project and provide input. Project team members will be available to provide information and answer questions.

#### OPEN HOUSE

Thursday, June 28, 2018

4:00 p.m. to 7:00 p.m.

North Delta Recreation Centre

11415 84 Avenue

Delta, B.C.

Open house materials are available at  
[www.gov.bc.ca/highway91-17-deltaport](http://www.gov.bc.ca/highway91-17-deltaport).



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12 Thursday, June 21, 2018

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## Notice of Open House

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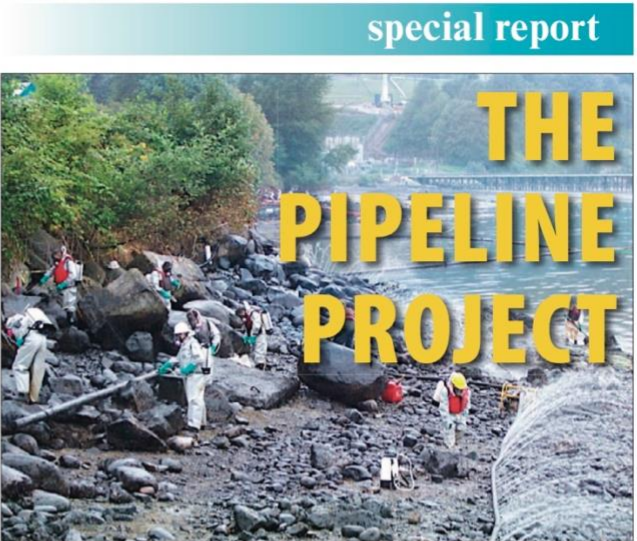
**OPEN HOUSE**  
Thursday, June 28, 2018  
4:00 p.m. to 7:00 p.m.  
North Delta Recreation Centre  
11415 84 Avenue  
Delta, B.C.

Open house materials are available at  
[www.gov.bc.ca/highway91-17-deltaport](http://www.gov.bc.ca/highway91-17-deltaport)

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 WITHOUT U  THERE IS NO WAY  U CAN TURN LIVES AROUND  GIVE WHERE U LIVE

 **United Way**  
of the Fraser Valley



Cleanup crew works on the Burrard Inlet shoreline after a backhoe ruptured the Trans Mountain pipeline in July 2007. About 224 cubic metres of heavy synthetic crude was spilled, affecting a residential area, a creek and the inlet shore after some of the oil ran down a storm drain outfall. About 95 per cent of the released oil was recovered.

WESTERN CANADA MARINE RESPONSE CORP. PHOTO

## Part five: The economics of oil

Tom Fletcher  
Black Press Media

*This is the final story in a five-part series on the issues surrounding Kinder Morgan's proposed expansion of the Trans Mountain pipeline, investigating the history, science, Indigenous reaction, politics and economics of the controversial project. Read parts one through four at northdeltareporter.com.*

There's a lot riding on the federal government's decision to take over the Trans Mountain pipeline twinning project from Edmonton to its terminal in Burnaby.

Kinder Morgan agreed to carry on with its construction plan as part of Ottawa's offer to buy its Canadian assets, primarily the pipeline and its terminal, for \$4.5 billion.

The federal purchase does not include the \$7.4 billion construction budget, which is to be financed by Ottawa and Alberta. Kinder Morgan estimates that the first 20 years of construction and operation would generate \$46.7 billion, including federal and provincial taxes paid. Over the same period, the company calculates

that municipal tax payments over 20 years would total \$922 million in B.C. and another \$124 million in Alberta.

The Conference Board of Canada estimates the project would create the equivalent of 15,000 person-years of employment in construction and 37,000 direct, indirect and induced jobs each year it operates.

Benefits agreements have been signed with 19 communities, representing \$8.6 million in infrastructure, education and training projects. Examples include \$500,000 for improvements to Hope Community Park, \$290,000 for trails and trades training in Burnaby, \$845,000 for community infrastructure and training in the Thompson Nicola Regional District, \$390,000 for projects and training in Clearwater, \$1.3 million to revitalize an Abbotsford golf course and \$1.2 million for a new Vedder Greenway trail pedestrian bridge in Chilliwack.

There are another 43 "mutual benefit agreements" with Indigenous communities, 33 in B.C. and the rest in Alberta. Kinder Morgan says those agreements will see \$400 million go to the

communities, and agreements may be extended as the project proceeds.

Trans Mountain requires its contractors to have Indigenous monitors on its environmental inspection teams at all construction areas, advising on traditional land use and cultural values.

Beyond the direct jobs and community benefits agreements along the route, the project is a key step toward increased spill response capability on the B.C. coast. It also affects the supply of crude oil to southern B.C.'s last oil refinery and bigger refineries in Washington.

And then there are pending oil pipelines to the U.S., and another proposal to build a pipeline similar to the cancelled Northern Gateway pipeline across northern B.C.

Here's a closer look at the implications.

Spill response on the B.C. coast is the responsibility of Western Canada Marine Response Corp. (WCMRC), an industry-funded network of facilities and vessels that works with the Coast Guard to respond contain and clean up

*Continued on 13*

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## A2 Email Notification –Targeted Email Outreach

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From: Ryan, Pam S TRAN:EX  
Sent: June-20-18 12:19 PM  
To: [REDACTED]  
Cc: HWY91\_17 Info TRAN:EX;  
Subject: Highway 91-17 and Deltaport Way Upgrade Project

Hello [REDACTED],

It was a pleasure to speak with you this morning. As promised, here is the information about the public open house for the Highway 91/17 and Deltaport Way Upgrade Project.

Date: Thursday, June 28 from 4 to 7 p.m.

Location: North Delta Recreation Centre

Multi-purpose Room

11415 84 Avenue, Delta

As we discussed, the purpose of the open house to provide an update on the Project. The plans that we will present at the open house are high level. Work continues in a number of areas to further define the project design, including potential changes to the Delta Nature Trail. The Ministry is working with the City of Delta in this regard and we will continue to keep the [REDACTED] informed as more information is available. I've copied Jody Deane, Senior Project Manager, who had emailed you earlier this year, so that she knows we've connected.

Thank you for your time. I look forward to seeing you at the open house next week.

Pam

=====  
Pam Ryan | Tel: [REDACTED]  
Ministry of Transportation & Infrastructure  
Highway 91-17 and Deltaport Way Upgrade Project



June 22, 2018

File: 08900

Dear Neighbour:

**Re: Highway 91/17 and Deltaport Way Upgrade Project – Notice of Open House**

In March 2017, the Ministry of Transportation and Infrastructure announced high-level plans and funding to move forward with the Highway 91/17 and Deltaport Way Upgrade Project. This letter is to provide you with a Project update and invite you to attend an upcoming open house to find out more and share your views.

The Project is a combination of improvements to Highway 91, Highway 17, Highway 91 Connector and Deltaport Way to improve safety and efficiency. These upgrades will improve travel time and reliability in the area, and reduce conflicts between commercial vehicles and other traffic. They also complement the Alex Fraser Bridge and 72<sup>nd</sup> Avenue Interchange Projects currently underway.

The Province of British Columbia is delivering the Project, in partnership with the Government of Canada (through the National Infrastructure Component of the New Building Canada Fund), the Vancouver Fraser Port Authority and the Tsawwassen First Nation.

Engineering and technical work is underway. We're now ready to share updated designs and measures to protect the environment, seek input on construction management measures, and respond to questions from the business and residential community.

**A drop-in style public open house will be held on Thursday, June 28, 2018 at the North Delta Recreation Centre (11415 84 Avenue, Delta) from 4 p.m. to 7 p.m.** We invite you to join us at your convenience.

**For more information, please:**

Visit the Project website: at: [www.gov.bc.ca/highway91-17-deltaport](http://www.gov.bc.ca/highway91-17-deltaport)

Email: [Info.HWY91\\_17@gov.bc.ca](mailto:Info.HWY91_17@gov.bc.ca).

We look forward to seeing you on June 28, and to your involvement as we complete designs and begin construction of this important Project.

Sincerely,

James Purkis  
Executive Project Director  
Ministry of Transportation and Infrastructure

Ministry of Transportation  
and Infrastructure

Highway 91/17 and Deltaport Way  
Upgrade Project

Suite 1450  
605 Robson Street  
Vancouver, BC V6B 5J3

**Web Address:**

<http://www.gov.bc.ca/highway91-17-deltaport>

**Email:** [Info.HWY91\\_17@gov.bc.ca](mailto:Info.HWY91_17@gov.bc.ca)

British Columbia News

## Highway 91/17 and Deltaport Way project to strengthen trade connections

<https://news.gov.bc.ca/17486>

Monday, June 25, 2018 11:45 AM

**delta** - The Ministry of Transportation and Infrastructure has arranged a drop-in style open house that will provide the public with more information on the Highway 91/17 and Deltaport Way project.

The Highway 91/17 and Deltaport Way project is a combination of safety and efficiency upgrades to the existing Highway 91, Highway 17, Highway 91 Connector and Deltaport Way.

The improvements include widening and upgrading roadways, creating additional turning lanes, and upgrading ramps to help cut down on traffic congestion. It will also improve travel safety and efficiency, as truck and passenger traffic is expected to grow along these key trade corridors in the years to come. Early work on the project is expected to start in summer 2018, with completion scheduled for 2023.

Event date: Thursday, June 28, 2018

Time: 4 p.m. to 7 p.m.

Location:

North Delta Recreation Centre

11415 84 Ave.

Delta

Communities, stakeholders and the public are invited to attend the open house to learn more about the project and provide input.

Project team members will be available to provide information and answer questions. Those who are unable to attend the open house can access materials at: [www.gov.bc.ca/highway91-17-deltaport](http://www.gov.bc.ca/highway91-17-deltaport)

### Media Contacts




#### Media Relations

Government Communications and Public Engagement

Ministry of Transportation and Infrastructure

250 356-8241

## A5 Open House Materials Posted to Project Webpage June 28, 2018

**Menu**

Vancouver Fraser Port Authority, the Province of B.C., and Tsawwassen First Nation.

**Status:**  
Site investigation and early works are expected to start summer 2018, with project completion scheduled for 2023.

**Project Benefits**

The project will:

- Improve travel time and reliability through Delta, with congestion-reduction travel time savings that will help reduce greenhouse gas emissions.
- Improve traffic safety for goods movers and the travelling public, with less collision risk and better operating hours at the Nordel commercial vehicle inspection facility.
- Support community and economic development, with better access to employment areas, faster access between South Delta and North Delta/Surrey, improved cycling connections, improved permitting and inspection service for commercial vehicle operators.

**Public Consultation**

A public open house for the Project was held on June 28, 2018.

**Public Open House Materials:**

[Display Boards](#)  
[Feedback Form](#)  
[Project Overview Factsheet](#)

**For More Information:**  
Email us for more information about the Highway 91/17 and Deltaport Way Upgrade Project or to sign up to receive project information:  
[Info.HWY91\\_17@gov.bc.ca](mailto:Info.HWY91_17@gov.bc.ca).



## APPENDIX B – Open House Materials

# WELCOME

**Thank you for attending the open house for the Highway 91/17 and Deltaport Way Upgrade Project. Today we welcome you to:**

- Meet members of the Project team and ask questions about the Project
- View the display boards and learn about the Project
- Provide your feedback
- Learn how to stay informed about the Project

***Please submit your feedback by July 12, 2018:***

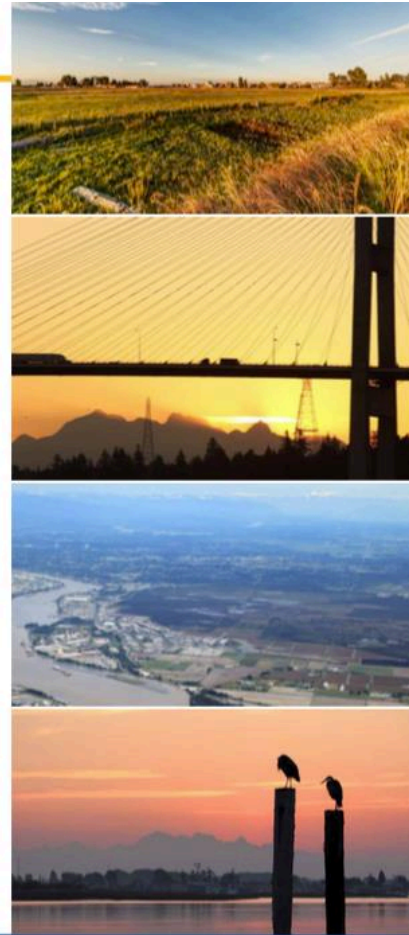
**In person** at today's **open house**

**By email:** [info.hwy91\\_17@gov.bc.ca](mailto:info.hwy91_17@gov.bc.ca)

**By mail:** Highway 91/17 and Deltaport Way Upgrade Project  
Ministry of Transportation and Infrastructure  
Suite 1450-605 Robson Street  
Vancouver, B.C. V6B 5J3

For more information, please visit:

[www.gov.bc.ca/highway91-17-deltaport](http://www.gov.bc.ca/highway91-17-deltaport).



Canada

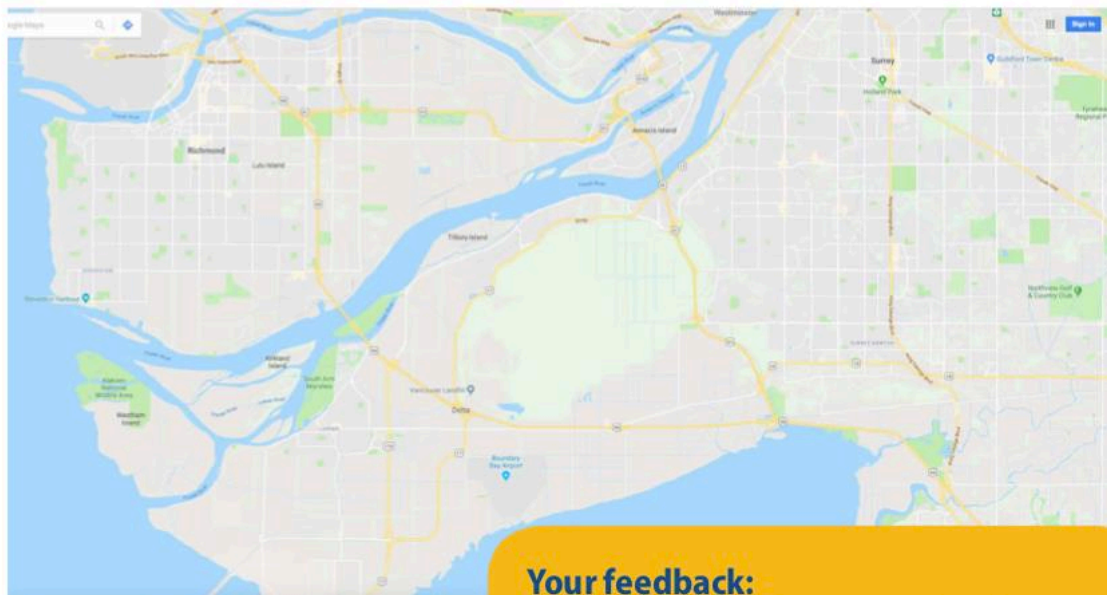
BRITISH COLUMBIA

PORT of vancouver

MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE

Hwy 91/17 and Deltaport Way Upgrade Project

## WHO'S TALKING ABOUT THIS INVESTMENT



 WORK  HOME

### Your feedback:

*Tell us where you are from. Please use a pushpin to show where you work or live in the Project area. If you work or live outside of the area shown, use the white space around the map and add a sticky note with your points of origin or destination.*

Canada



Hwy 91/17 and Deltaport Way Upgrade Project

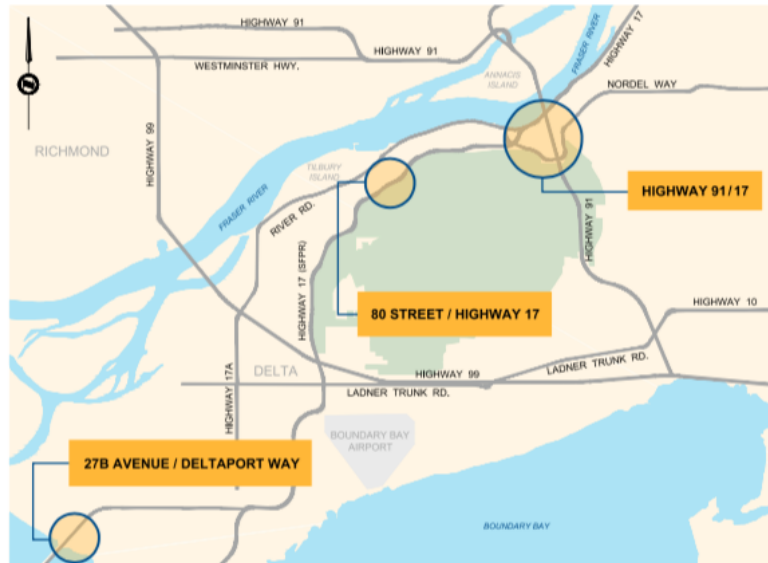
## PROJECT OVERVIEW

The Highway 91/17 and Deltaport Way Upgrade Project is a combination of improvements to Highway 91, Highway 17, the Highway 91 Connector and Deltaport Way to improve travel safety, reliability and efficiency as goods movement, commercial and local traffic continue to grow. The Project will:

- Improve travel time and reliability through Delta
- Improve traffic safety for goods movers and the travelling public
- Support community and economic development

Funding partners include the Province of British Columbia, the National Infrastructure Component of the New Building Canada Fund, the Vancouver Fraser Port Authority and the Tsawwassen First Nation.

These improvements complement the Alex Fraser Bridge and 72<sup>nd</sup> Avenue Interchange Projects



Hwy 91/17 and Deltaport Way Upgrade Project

## PROJECT DESIGN: HIGHWAY 91 & 17

**Highway 17 and Highway 91 Connector (Sunbury) and River Road connection:** new interchange to replace signalized intersection; eliminate at-grade rail crossing to access the highway.



**Highway 91 Connector at Nordel Way intersection:** direct access roads and additional turning lanes to remove one signal light and improve all movement; significantly improved access to and from the Nordel Way commercial vehicle inspection station and truck parking area.

**Highway 17 at 80th Street (Tilbury):** upgrade the connection from 80th Street to Highway 17 westbound, to improve merging and reduce queuing on 80th Street.

**Highway 91 at Nordel Interchange:** upgrade ramps to and from Delta; improve acceleration and deceleration lanes; additional through-lanes for Nordel Way traffic crossing over Highway 91.

Cycling measures are being assessed, including looking at ways to improve access to designated cycling routes in Delta.

### Your feedback:

*Place a sticky dot to indicate the improvements you like most, or sticky note to add other benefits you see.*

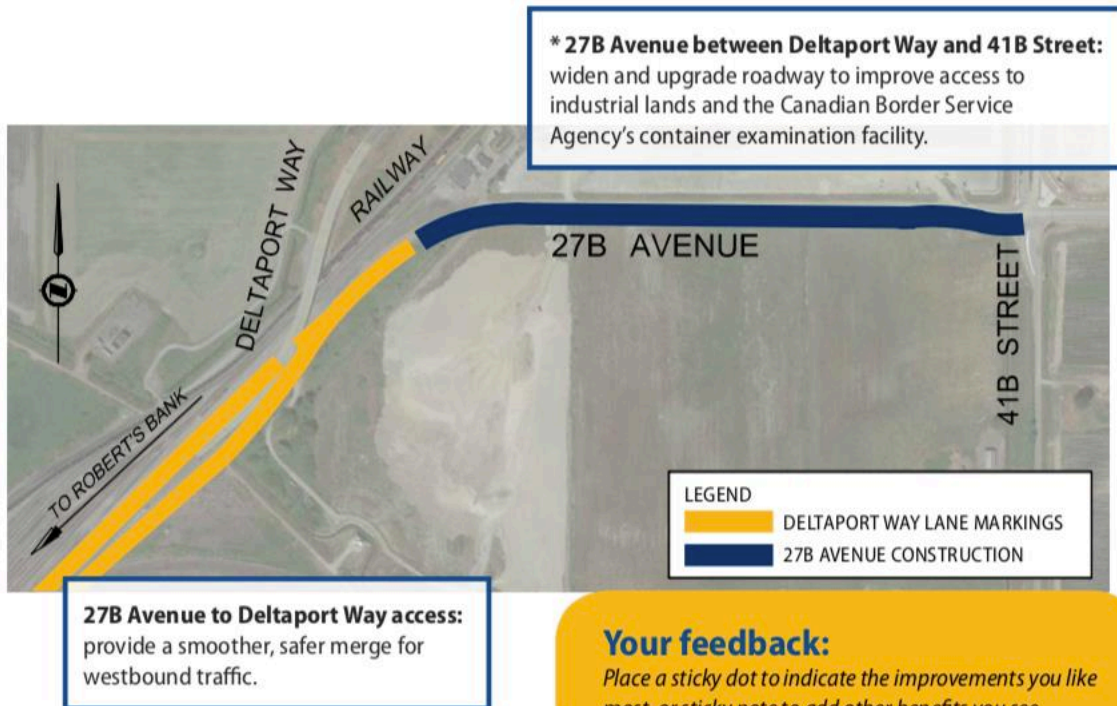
Canada



Hwy 91/17 and Deltaport Way Upgrade Project



## PROJECT DESIGN: DELTAPORT WAY & 27B AVENUE



\* Funding partners for this portion of the Project are the Tsawwassen First Nation and Government of Canada.

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WILSON

Hwy 91/17 and Deltaport Way Upgrade Project

## PROTECTING THE ENVIRONMENT

### The Project offers a number of environmental benefits, including:

- Improve drainage to help regulate the flow of water in ditches and protect the hydrology and water quality of Burns Bog
- Manage stormwater and prevent road runoff from entering Burns Bog
- Protect and potentially improve upon environmental measures installed as part of the South Fraser Perimeter Road Project (Highway 17)
- Reduce vehicle accidents/truck rollovers that can cause spills and other environmental effects
- Improve air quality through reduced congestion at the truck inspection station and throughout the Highway 91 to Highway 17 corridor
- Relocate and improve boardwalk along a section of the trail in the Delta Nature Reserve near Highway 91

Construction management plans based on best practices will be developed to avoid or minimize potential construction-related environmental impacts, including:

- Air quality and dust control
- Soil erosion and sediment control
- Protecting vegetation, wildlife and aquatic resources

The Ministry will conduct environmental monitoring during Project construction to ensure compliance with all environmental requirements and commitments. Post-construction monitoring will be undertaken to confirm the effectiveness of long-term environmental protection measures.

The Project team will work closely with Indigenous Groups, the City of Delta, Metro Vancouver, scientific experts including the Burns Bog Scientific Advisory Panel, and identified stakeholder groups to consider opportunities to improve existing conditions, where feasible, as part of the Project.



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SCOTTISH COUNCIL

Hwy 91/17 and Deltaport Way Upgrade Project

## ENVIRONMENTAL REVIEW

An environmental review for the entire Project area is being conducted to ensure potential environmental effects are assessed and appropriately addressed. The assessment builds on the applicable environmental commitments of the South Fraser Perimeter Road Environmental Assessment Certificate and includes:

- Vegetation
- Wildlife and wildlife habitat
- Fisheries and aquatic resources
- Hydrology and water quality
- Agriculture
- Contaminated sites
- Noise
- Air quality
- Archaeology

Once complete, the report will be posted to the Project website.



**Your feedback:** *What questions do you have for the environmental review? Please use the feedback form to provide your comments.*

Canada



Hwy 91/17 and Deltaport Way Upgrade Project



## CONSTRUCTION MANAGEMENT

The Ministry will require the construction contractor to develop construction management plans, using best industry practice, to keep traffic moving and maintain business activity in the area. This will include:

- Advance notification of traffic pattern changes
- Maintaining business access
- Coordination with other Ministry projects in the area

**Your feedback:** *What questions do you have about construction management?*

*Please complete a feedback form to let us know what construction information you would like to have and how you would like to be informed.*



Canada



Hwy 91/17 and Deltaport Way Upgrade Project

## NEXT STEPS

### Thank you for your input!

Next steps include:

- Post summary of open house feedback to the Project website once complete
- Consider input along with technical and financial information, in finalizing Project designs
- Early work to prepare for Project construction



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Hwy 91/17 and Deltaport Way Upgrade Project

## B2 Feedback Form



## Hwy 91/17 and Deltaport Way Upgrade Project

# Highway 91/17 and Deltaport Way Upgrade Project FEEDBACK FORM

The Highway 91/17 and Deltaport Way Upgrade Project is a combination of improvements to the existing Highway 91, Highway 17, Highway 91 Connector and Deltaport Way to improve travel safety, reliability and efficiency.

These upgrades will improve local and commercial travel time and reliability in the area, reduce conflicts between commercial vehicles and other traffic, and support community and economic development. They also complement the Alex Fraser Bridge and 72<sup>nd</sup> Avenue Interchange Projects currently underway.

The Project is being funded by the Province of British Columbia, the National Infrastructure Component of the New Building Canada Fund, the Vancouver Fraser Port Authority and the Tsawwassen First Nation, and being delivered by the Ministry of Transportation and Infrastructure.

## Your Feedback is Important

We invite you to provide your feedback by completing this form, which you may return in one of the following ways:

### In person at today's open house

**By email:** Info.HWY91\_17@gov.bc.ca

**By mail:** Highway 91/17 and Deltaport Way Upgrade Project  
Ministry of Transportation and Infrastructure  
Suite 1450-605 Robson Street  
Vancouver, B.C. V6B 5J3

## PLEASE PROVIDE YOUR FEEDBACK BY JULY 12, 2018:

*Personal information is collected for the purposes of informing the Highway 91/17 and Deltaport Way Upgrade Project undertaken by the Ministry of Transportation and Infrastructure under s.26(c)(e) of the Freedom of Information and Protection of Privacy Act. For questions about the collection of personal information, please contact the Executive Project Director, Ministry of Transportation and Infrastructure at Info.HWY91\_17@gov.bc.ca.*

## PROJECT SCOPE AND DESIGN

| 1. How important to you are each of the following Project considerations: | Extremely Important   | Very Important        | Somewhat Important    | Not Very Important    | Not At All Important  |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Maintaining property access during construction                           | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Reducing noise from construction  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Traffic management during construction                                    | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Improving cycling access and connections                                  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

| How important to you are each of the following Project considerations: | Extremely Important   | Very Important        | Somewhat Important    | Not Very Important    | Not At All Important  |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Improving travel time reliability                                      | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Improving safety for travellers  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Economic development   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Reducing congestion  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Protecting Burns Bog hydrology   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Reducing transportation-related greenhouse gas emissions               | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Visual effects   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Project schedule   | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Improving the Delta Nature Reserve boardwalk                           | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Improving access to Deltaport/Roberts Bank                             | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

**2. Having viewed the Project information boards, how satisfied are you with the overall Project as proposed?**

☐ Extremely Satisfied
 ☐ Very Satisfied
 ☐ Somewhat Satisfied
 ☐ Not Very Satisfied
 ☐ Not at all Satisfied

**3. What information about Project construction is most important to you?**

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**4. Minimizing disruption and keeping traffic moving during construction will be a key priority. The Project Team will coordinate with other Ministry projects in the area to effectively manage traffic, provide advance notice of travel pattern changes, and ensure appropriate mitigation measures are in place to minimize potential impacts. What questions or comments, if any, do you have about traffic management during construction?**

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5. The Ministry is working with the City of Delta to identify opportunities to improve connections to cycling networks in and around the Highway 91 Connector, to improve mobility for cyclists and to improve access to the regional cycling network.

**What comments, if any, do you have about cycling connections in Delta?**

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6. **What comments, if any, do you have about Project environmental work?**

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7. **What other comments, if any, do you have about the Project?**

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## TELL US ABOUT YOURSELF

8. **Where do you live?** *Please check only one.*

- ☐ North Delta
- ☐ South Delta/Tsawwassen First Nation
- ☐ Surrey/White Rock
- ☐ Richmond
- ☐ New Westminster
- ☐ Other Greater Vancouver
- ☐ Other (specify): \_\_\_\_\_

9. **Where do you normally work/attend school.** *Please check only one.*

- ☐ Tilbury/Sunbury area of Delta
- ☐ Roberts Bank
- ☐ South Delta/Tsawwassen First Nation
- ☐ Other South of Fraser municipality
- ☐ Other North of Fraser municipality
- ☐ Other (specify): \_\_\_\_\_

10. How often do you travel in the Project Area? Please provide a response for each roadway.

| Frequency of Use           | Project area          |                       |                       |                       |                       |
|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                            | Highway 91            | Highway 91 Connector  | Highway 17            | Deltaport Way         | 27B Avenue            |
| More than 5 days per week  | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 5 days per week (weekdays) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 1 to 3 days per week       | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Less than once per week    | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Weekends only              | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Never                      | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

11. Do you presently cycle in the Project area?

☐ Yes ☐ No

12. Which of the following sources would you look to for information about road conditions during construction? Check all that apply.

- ☐ On-road information signs
 ☐ Drive BC Twitter (@DriveBC)
- ☐ E-updates from the Project office
 ☐ Radio (which station?) \_\_\_\_\_
- ☐ Project website
 ☐ Newspaper ads
- ☐ Drive BC website
 ☐ Do not drive
- ☐ City of Delta Website
 ☐ Other (please specify) \_\_\_\_\_

13. How did you hear about this open house? Please check all that apply.

- ☐ Word of mouth
 ☐ Letter in the mail
- ☐ Newspaper advertisement
 ☐ Email notification
- ☐ Project website
 ☐ Community group (please specify) \_\_\_\_\_
- ☐ Social media
 ☐ Other (please specify) \_\_\_\_\_

If you would like to receive Project updates by email, please provide your email address (optional): \_\_\_\_\_

**Thank you for providing your input.**

Please complete and return your feedback on or before **July 12, 2018**.