

**METRO VANCOUVER REGIONAL DISTRICT
GEORGE MASSEY CROSSING TASK FORCE**

MEETING

Thursday, January 12, 2023

1:00 p.m.

Meeting conducted electronically/in-person pursuant to the Procedure Bylaw

28th Floor Boardroom, 4515 Central Boulevard, Burnaby, British Columbia

Webstream available at <http://www.metrovanancouver.org>

A G E N D A¹

1. ADOPTION OF THE AGENDA

1.1 January 12, 2023 Meeting Agenda

That the George Massey Crossing Task Force adopt the agenda for its meeting scheduled for January 12, 2023 as circulated.

2. ADOPTION OF THE MINUTES

2.1 October 20, 2022 Meeting Minutes

Note: These minutes are from the previous term and are being presented to the Task Force for information only.

That the George Massey Crossing Task Force adopt the minutes of its meeting held October 20, 2022 as circulated.

pg. 2

3. DELEGATIONS

4. INVITED PRESENTATIONS

5. REPORTS FROM COMMITTEE OR STAFF

5.1 George Massey Crossing Task Force Orientation

Verbal Update

Designated Speaker: Neal Carley, General Manager, Parks & Environment

¹ Note: Recommendation is shown under each item, where applicable.

5.2 2023 George Massey Crossing Task Force Meeting Schedule and Work Plan

pg. 7

That the George Massey Crossing Task Force:

- a) receive for information the George Massey Crossing Task Force Terms of Reference and the 2023 Annual Meeting Schedule, as presented in the report dated January 4, 2023, titled "2023 George Massey Crossing Task Force Meeting Schedule and Work Plan"; and
- b) endorse the 2023 Work Plan, as presented in the report dated January 4, 2023, titled "2023 George Massey Crossing Task Force Meeting Schedule and Work Plan".

6. INFORMATION ITEMS

- 6.1 Correspondence to The Honourable David Eby, Premier of British Columbia and The Honourable Rob Fleming, Minister of Transportation and Infrastructure, from Mayor George V. Harvie, City of Delta and Mayor Malcolm Brodie, City of Richmond, dated November 18, 2022 re Proposed Fraser River Tunnel Project - Secondary Access from Ladner**

pg. 14

7. OTHER BUSINESS

8. BUSINESS ARISING FROM DELEGATIONS

9. RESOLUTION TO CLOSE MEETING

Note: The Committee must state by resolution the basis under section 90 of the Community Charter on which the meeting is being closed. If a member wishes to add an item, the basis must be included below.

That the George Massey Crossing Task Force close its regular meeting scheduled for October 20, 2022 pursuant to the *Community Charter* provisions, Section 90 (2) (b) as follows:

- 90 (2) A part of a meeting must be closed to the public if the subject matter being considered relates to one or more of the following:
- (b) the consideration of information received and held in confidence relating to negotiations between the regional district and a provincial government or the federal government or both and a third party;

10. ADJOURNMENT/CONCLUSION

That the George Massey Crossing Task Force adjourn/conclude its meeting of January 12, 2023.

Membership:

Brodie, Malcolm (C) – Richmond	Hepner, Gordon – Surrey	Martens, Barb – Langley Township
Kruger, Dylan (VC) – Delta	Hurley, Mike – Burnaby	Montague, Brian – Vancouver
Cassidy, Laura – Tsawwassen First Nation	Knight, Megan – White Rock	West, Brad – Port Coquitlam

**METRO VANCOUVER REGIONAL DISTRICT
GEORGE MASSEY CROSSING TASK FORCE**

Minutes of the Regular Meeting of the Metro Vancouver Regional District (MVRD) George Massey Crossing Task Force held at 9:15 a.m. on Thursday, October 20, 2022 in the 28th Floor Boardroom/Committee Room, 4515 Central Boulevard, Burnaby, British Columbia.

MEMBERS PRESENT:

Chair, Mayor George Harvie*, Delta
 Vice Chair, Metro Vancouver Board Chair Sav Dhaliwal
 Mayor Malcolm Brodie*, Richmond
 Mayor Jonathan Côté*, TransLink Mayors Council on Regional Transportation
 Mayor Jack Froese*, Langley Township
 Mayor Val van den Broek*, Langley City
 Mayor Darryl Walker*, White Rock

MEMBERS ABSENT:

Mayor Doug McCallum, Surrey

STAFF PRESENT:

Neal Carley, General Manager, Planning and Environment
 Jerry W. Dobrovolny, Chief Administrative Officer
 Hadir Ali, Legislative Services Coordinator, Board and Information Services

OPENING REMARKS

Director George Harvie, Task Force Chair, welcomed the Committee and expressed his condolences for the passing of Chief Ken Baird from Tsawwassen First Nation, noting his contributions to Metro Vancouver and the Tsawwassen First Nation community.

The Chair also welcomed the Regional Parks Committee members, which were invited to attend and participate in the October 20, 2022 George Massey Crossing Task Force meeting

1. ADOPTION OF THE AGENDA

1.1 October 20, 2022 Regular Meeting Agenda

It was MOVED and SECONDED

That the George Massey Crossing Task Force adopt the agenda for its regular meeting scheduled for October 20, 2022 as circulated.

CARRIED

*denotes electronic meeting participation as authorized by Section 3.6.2 of the *Procedure Bylaw*

2. ADOPTION OF THE MINUTES

2.1 April 1, 2022 Regular Meeting Minutes

It was MOVED and SECONDED

That the George Massey Crossing Task Force adopt the minutes of its regular meeting held April 1, 2022 as circulated.

CARRIED

3. DELEGATIONS

No items presented.

4. INVITED PRESENTATIONS

No items presented.

5. REPORTS FROM COMMITTEE OR STAFF

No items presented.

6. INFORMATION ITEMS

No items presented.

7. OTHER BUSINESS

No items presented.

8. BUSINESS ARISING FROM DELEGATIONS

No items presented.

9. RESOLUTION TO CLOSE MEETING

It was MOVED and SECONDED

That the George Massey Crossing Task Force close its regular meeting scheduled for October 20, 2022 pursuant to the *Community Charter* provisions, Section 90 (2) (b) as follows:

90 (2) A part of a meeting must be closed to the public if the subject matter being considered relates to one or more of the following:

- (b) the consideration of information received and held in confidence relating to negotiations between the regional district and a provincial government or the federal government or both and a third party;

CARRIED

10. ADJOURNMENT/CONCLUSION

It was MOVED and SECONDED

That the George Massey Crossing Task Force adjourn its regular meeting of October 20, 2022.

CARRIED

(Time: 9:16 a.m.)

Hadir Ali,
Legislative Services Coordinator

George Harvie, Chair

55830065 FINAL

To: George Massey Crossing Task Force

From: Neal Carley, General Manager, Parks & Environment

Date: January 4, 2023 Meeting Date: January 12, 2023

Subject: **2023 George Massey Crossing Task Force Meeting Schedule and Work Plan**

RECOMMENDATION

That the George Massey Crossing Task Force:

- a) receive for information the George Massey Crossing Task Force Terms of Reference and the 2023 Annual Meeting Schedule, as presented in the report dated January 4, 2023, titled “2023 George Massey Crossing Task Force Meeting Schedule and Work Plan”; and
 - b) endorse the 2023 Work Plan, as presented in the report dated January 4, 2023, titled “2023 George Massey Crossing Task Force Meeting Schedule and Work Plan”.
-

EXECUTIVE SUMMARY

The Terms of Reference for the George Massey Crossing Task Force sets out the task force responsibilities for providing advice and recommendations to the Metro Vancouver Board(s) on matters related to the BC Ministry of Transportation and Infrastructure’s Highway 99 Tunnel Program.

Work plan priorities for 2023 include use of, and impacts on, Deas Island Regional Park by the Fraser River Tunnel Project portion of the Highway 99 Tunnel Program, and receiving updates on the full program, which also includes the Steveston Interchange Project and Transit & Cycling Projects.

Pursuant to the Terms of Reference, the meeting schedule proposes six meetings, which will be held in-person, with electronic participation made available under exceptional circumstances.

PURPOSE

To provide the George Massey Crossing Task Force with the 2023 Work Plan, its Terms of Reference, and the 2023 Annual Meeting Schedule.

BACKGROUND

Annually, following the Board Inaugural meeting in November, the Board Chair establishes the committee structure and the terms of reference for each committee, for the new year. To support the Task Force in its work, this report brings forward the task force’s Work Plan and the Schedule of Meetings for 2023.

2023 WORK PLAN

The George Massey Crossing Task Force 2023 Work Plan is based on the 2023 budget approved by the MVRD Board on October 28, 2022. The George Massey Crossing Task Force’s Work Plan is Attachment 1.

The Work Plan presented in this report is consistent with the George Massey Crossing Task Force's Terms of Reference (Attachment 2) and is being brought forward for the Task Force's information, review, and endorsement.

Key actions in the 2023 Work Plan for the Task Force are described below and listed according to the Task Force responsibilities in its Terms of Reference:

- Reviewing project-related materials and providing feedback to provincial representatives and others, as appropriate;
- Considering potential positive and negative impacts of project-related works on Metro Vancouver plans, assets, infrastructure and legislated responsibilities, including but not limited to:
 - regional planning and growth management, including land use, transportation, and agriculture;
 - air quality, climate change, human health, and the environment;
 - Deas Island Regional Park;
 - Metro Vancouver utilities; and
- Reporting back to the Metro Vancouver Board with advice and recommendations on the province's Highway 99 Tunnel Program and related matters.

The Task Force will be updated on the status of the actions and projects in this Work Plan on a quarterly basis per the Task Force's schedule.

2023 TASK FORCE MEETING SCHEDULE

The MVRD *Procedure Bylaw* requires the Corporate Officer to provide the Committee with an Annual Meeting Schedule for the upcoming year, including the date, time and place of the meetings (Attachment 3).

Meeting Place - In-Person Meetings

Task force meetings will be held at Metro Vancouver Boardroom, 28th Floor, 4515 Central Blvd, Burnaby, BC, at 9:00 am/1:00 pm, unless otherwise specified on the Metro Vancouver public notice board, the Metro Vancouver website, and the respective agenda. All 2023 task force meetings will be held electronically by video-conference as hybrid meetings, allowing members to attend in-person or electronically, whichever they prefer. The Task Force Chair may decide to hold an in-person meeting with electronic participation only available under exceptional circumstances.

ALTERNATIVES

1. That the George Massey Crossing Task Force:
 - a) receive for information the George Massey Crossing Task Force Terms of Reference and the 2023 Annual Meeting Schedule, as presented in the report dated January 4, 2023, titled "2023 George Massey Crossing Task Force Meeting Schedule and Work Plan"; and
 - b) endorse the 2023 Work Plan, as presented in the report dated January 4, 2023, titled "2023 George Massey Crossing Task Force Meeting Schedule and Work Plan".

2. That the George Massey Crossing Task Force:
 - a) receive for information the George Massey Crossing Task Force Terms of Reference and the 2023 Annual Meeting Schedule, as presented in the report dated January 4, 2023, titled “2023 George Massey Crossing Task Force Meeting Schedule and Work Plan”; and
 - b) endorse the 2023 Work Plan, as presented in the report dated January 4, 2023, titled “2023 George Massey Crossing Task Force Meeting Schedule and Work Plan”, incorporating the requested changes from the George Massey Crossing Task Force.

FINANCIAL IMPLICATIONS

The priorities in the 2023 Work Plan of the George Massey Crossing Task Force are consistent with the 2023 Budget approved by the MVRD Board on October 28, 2022, and with key actions included in the Annual Work Plans.

Task force meeting expenses and remuneration associated with meeting attendance have been allocated in the annual budget.

CONCLUSION

The Work Plan presented in this report identifies the priorities for the George Massey Crossing Task Force in 2023 and is consistent with its Terms of Reference and the 2023 Budget approved by the MVRD Board. To assist the Task Force, the 2023 Annual Meeting Schedule has been established to guide the Committee’s success in completing the business of the Work Plan. Staff recommends that Alternative 1 be approved.

Attachments

1. George Massey Crossing Task Force 2023 Work Plan
2. George Massey Crossing Task Force Terms of Reference
3. George Massey Crossing Task Force 2023 Annual Meeting Schedule

George Massey Crossing Task Force 2023 Work Plan
Report Date: January 4, 2023

Priorities

1st Quarter	Status
George Massey Crossing Task Force Meeting Schedule and Work Plan	In Progress
Fraser River Tunnel Project – Deas Island Regional Park	Pending
Highway 99 Tunnel Program Update	Pending
2nd Quarter	Status
Fraser River Tunnel Project – Deas Island Regional Park	Pending
Highway 99 Tunnel Program Update	Pending
3rd Quarter	Status
Fraser River Tunnel Project Update	Pending
Highway 99 Tunnel Program Update	Pending
4th Quarter	Status
Fraser River Tunnel Project Update	Pending
Highway 99 Tunnel Program Update	Pending

George Massey Crossing Task Force

Terms of Reference

The George Massey Crossing Task Force is the standing committee of the Metro Vancouver Board responsible for providing advice and recommendations to the Metro Vancouver Board on the BC Ministry of Transportation and Infrastructure's Highway 99 Tunnel Program and related matters.

Task Force Responsibilities

The Task Force will provide advice and recommendations to the Metro Vancouver Board on issues related to the BC Ministry of Transportation and Infrastructure's Highway 99 Tunnel Program. Key responsibilities for the Task Force include:

- Reviewing project-related materials and providing feedback to provincial representatives and others, as appropriate;
- Considering potential positive and negative impacts of project-related works on Metro Vancouver plans, assets, infrastructure and legislated responsibilities, including but not limited to:
 - a) regional planning and growth management, including land use, transportation, and agriculture;
 - b) air quality, climate change, human health, and the environment;
 - c) Deas Island Regional Park; and
 - d) Metro Vancouver utilities; and
- Reporting back to the Metro Vancouver Board with advice and recommendations on the province's Highway 99 Tunnel Program and related matters.

Task Force Membership and Meetings

The Chair of the Metro Vancouver Board shall serve as the Chair of the Task Force. Task Force members are appointed annually by the Metro Vancouver Board Chair and will consist of Metro Vancouver Board Directors who represent communities anticipated to experience either a direct or indirect impact from this project.

The Task Force will meet every two months or at the call of the Task Force Chair. A quorum of 50% plus one of the Task Force's members is required to conduct Task Force business.

Task Force Management and Support

The Task Force Chair will be the chief spokesperson on matters of public interest within the Task Force's purview. For high profile issues the role of spokesperson rests with the Metro Vancouver Board Chair or Vice Chair. On technical matters or in cases where an initiative is still at the staff proposal level, the Chief Administrative Officer or designate is the appropriate spokesperson. Where necessary and practical, the Board Chair and Chief Administrative Officer will confer to determine the most appropriate representative to speak.

The Chief Administrative Officer assigns a Committee Manager for the Task Force. The Committee Manager is responsible for coordinating agendas and is the principal point of contact for Task Force members.

The Task Force may request the Committee Manager to:

- gather information and provide analysis of potential impacts on Metro Vancouver assets, infrastructure and legislated responsibilities;
- seek out and consider input from additional stakeholders deemed to have an interest in the province's Highway 99 Tunnel Program; and
- seek advice and input from other existing Metro Vancouver committees, such as the Regional Administrators Advisory Committee or Regional Planning Advisory Committee.

**George Massey Crossing Task Force
2023 Annual Meeting Schedule**

- **Thursday, January 12, 2023 at 1:00 PM**
- **Thursday, March 9, 2023 at 1:00 PM**
- **Thursday, May 11, 2023 at 1:00 PM**
- **Thursday, July 6, 2023 at 1:00 PM**
- **Thursday, September 7, 2023 at 1:00 PM**
- **Thursday, November 2, 2023 at 1:00 PM**

** Task Force Meetings are subject to change.*



Office of Mayor George V. Harvie
City of Delta



MAYOR'S OFFICE

Delta

November 18, 2022

The Honourable David Eby
Premier of British Columbia
PO Box 9041, Stn Prov Govt
Victoria, BC V8W 9E1

The Honourable Rob Fleming
Minister of Transportation and Infrastructure
PO Box 9055, Stn Prov Govt
Victoria, BC V8W 9E2

Dear Premier Eby and Minister Fleming,

Re: Proposed Fraser River Tunnel Project – Secondary Access from Ladner

As part of the early engagement for the proposed Fraser River Tunnel Project, the Transportation Investment Corporation project team has been providing regular updates on this project to both the City of Delta and City of Richmond, including an overview of the proposed multi use pathway alignment in Delta. We sincerely appreciated the collaboration and all the efforts by the Province to continue to keep this important project moving forward.

With all the great work that has been undertaken, it is regrettable that no progress has been made on reinstating the secondary access from Ladner into the proposed Fraser River Tunnel Project scope. Further to the letter dated March 2, 2022 to the Honourable Minister Fleming (enclosed), we are writing to formally request the reinstatement of the secondary access from Ladner in the Project scope. We see this connection as not only providing benefit to motorists but also emergency responders, transit, cyclists and pedestrians.

The original concepts displayed to Delta Council and the public in 2019 and 2020 included a new overpass on River Road to connect across Highway 99 (enclosed). This connection was also included in the promotional materials at the press conference for the Project Announcement in August 2021 (enclosed). The Project includes significant investment to other interchanges along the corridor including the replacement of the Steveston Interchange, Rice Mill Road Overpass, and the CN Rail Overpass.

... 2

Delta

Richmond

November 18, 2022
Page 2

No overpass or interchange replacements are proposed in Delta. I cannot emphasize enough how vital a new overpass at River Road is in providing a secondary connection for the Ladner community.

The City of Delta views the River Road connection over Highway 99 as a vital component of the Fraser River Tunnel Project. We appreciate your consideration of reinstating this critical connection in the scope of the proposed Fraser River Tunnel Project.

In addition, the City of Richmond and the City of Delta understand that BC Hydro is beginning a consultation process regarding relocation of the transmission lines from the existing George Massey Tunnel that includes two underground options and one overhead option. The City of Richmond and the City of Delta re-iterate their strong preference for an underground option, given the negative physical and aesthetic characteristics of the overhead option.

We would greatly appreciate the opportunity to meet and discuss these important issues further.

Yours truly,



Mayor George V. Harvie
City of Delta



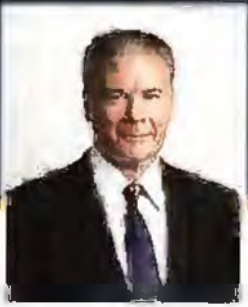
Mayor Malcolm Brodie
City of Richmond

Enclosures:

Letter to the Hon. Rob Fleming dated March 2, 2022
River Road Connection Records (2019 and 2020)
George Massey Crossing Program Announcement Brochure – August 2021

cc: The Hon. Carla Qualtrough, Minister of Employment, Workforce Development and Disability Inclusion
The Hon. Ravi Kahlon, Minister of Jobs, Economic Recovery and Innovation





March 2, 2022

The Honourable Rob Fleming
Minister of Transportation and Infrastructure
PO Box 9055, Stn Prov Govt
Victoria, BC V8W 9E2

Dear Minister,

Re: George Massey Crossing Project – Secondary Access from Ladner

On January 27, 2022, the Transportation Investment Corporation project team provided Delta staff with an update on the George Massey Crossing (GMC) project, including a review of the concept design. I want to reiterate how pleased we are to see this project moving forward.

I am writing in full support of my staff's request to reinstate the secondary access from Ladner in the GMC project scope. The original concepts displayed to Delta Council and the public in 2019 and 2020 included a new overpass on River Road to connect across Highway 99 and provide a secondary access from Ladner to the provincial highway system. It was only after the recent announcement of the preferred tunnel option that we were advised this important connection was no longer included within the project scope.

As this connection not only provides vehicle access, but much needed pedestrian and cycling connections, it is critical that this be included within the project scope. Recent municipal and regional transportation plans have incorporated this important connection, as well as the active transportation facilities that are being provided with the GMC project. I have attached a recent letter from Delta staff to the GMC team on this topic, which includes more details of the instances when the River Road connection was presented to Delta and the public as part of the original scope of work.

We appreciate your consideration of reinstating this connection in the scope of the George Massey Crossing project. The City of Delta welcomes the opportunity to work together with the Province on this important connection that will serve our communities now and in the future.

2

March 2, 2022
Page 2

Yours truly,



George V. Harvie
Mayor

Attachment: Letter to GMC Project Director dated February 25, 2022

cc: The Hon. Ravi Kahlon, Minister of Jobs, Economic Recovery & Innovation
Sean McGill, City Manager
Param Grewal, Director of Public Engagement and Intergovernmental Affairs



Engineering

File: 5220-30/GMC

February 25, 2022

Donald Trapp
Project Director, George Massey Crossing
Transportation Investment Corporation
Suite 1750 - 401 West Georgia Street
Vancouver, BC V6B 5A1

Dear Mr. Trapp:

Subject: **Ladner Secondary Access - River Road Overpass**

Thank you for meeting with City staff on January 27, 2022 to provide an update on the George Massey Crossing project and an overview of the concept design. We are very pleased to see this project moving forward as it will provide significant benefits to Delta residents and the entire region.

We want to continue to highlight the importance of establishing a secondary access for Ladner that would connect to Highway 99, as shown in Attachment A. This access from River Road is a critical connection for pedestrians, cyclist, emergency responders, and vehicles. As discussed, this connection across Highway 99 has been identified in Delta's draft Cycling Master Plan and TransLink's Transport 2050 Plan as being a key active transportation route.

As noted during our meeting and email dated January 31, 2022 (Attachment B), this connection was presented to Delta and the public on numerous occasions in 2019 and 2020, an example of which is shown in Attachment C. Many Delta residents took note of the River Road connection shown on the roll plots during the Public Information Meetings in 2020 and staff continue to receive many inquiries from the public about this future connection.

Given the importance of this access in supporting current and future growth within the Ladner area, we would request that this connection be included as part of the George Massey Crossing project scope.

We would be happy to meet with you to discuss this topic further. Please contact me at 604-946-3299 to arrange a meeting.

f:\eng\2022 docs\ht\01 - projects\01 - highway projects\gmc\01 - tunnel replacement\letters\02 - letter from staff to gmc team - feb 2022\letter to gmc team fr staff (002)_sl.docx



City of Delta
4500 Clarence Taylor Crescent
Delta, BC V4K 3E2
604.946.4141

www.delta.ca

Engineering

Subject: Ladner Secondary Access - River Road Overpass
File No: 5220-30/GMC

Page 2 of 2

Yours truly,

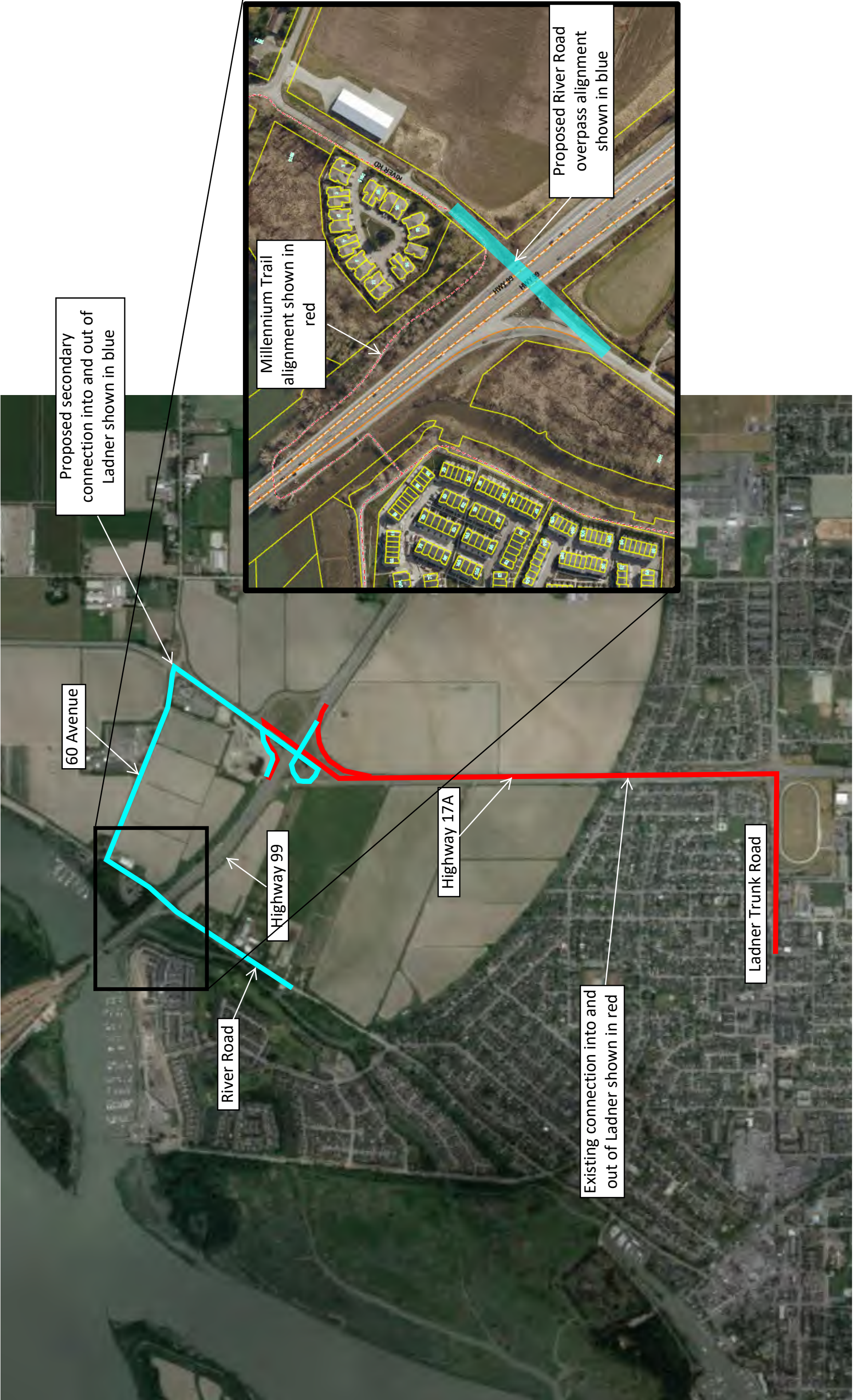
Steven Lan, P.Eng.
Director of Engineering

Attachments:

- A. River Road Connection Map
- B. Email Dated January 31, 2022
- C. 2019 Presentation Slide Showing River Road Connection

CC: Sean McGill, City Manager

HT/bm/sl



Heather Thicke

From: Heather Thicke
Sent: Monday, January 31, 2022 11:15 AM
To: 'Bergstrom, Dustin TIC:EX'
Cc: Steven Lan (SLan@delta.ca); Sukhmeet Grewal; Doreann Mayhew (DMayhew@delta.ca)
Subject: River Road Connection

Hi Dustin,

As per your request, I've compiled a list of the instances where the secondary connection to Ladner at River Road was presented.

I've uploaded a copy of each presentation/photo to Sync:

<https://ln5.sync.com/dl/b51c7aae0/ysdczz2y-qt43tppz-nn9gvh3w-ncx3tm55>

- Instance #1: October 2, 2019 Metro Vancouver GMC Task Force Meeting. Slides 22 and 25 of the presentation show the River Road connection.
- Instance #2: October 15, 2019 presentation to Richmond Council. See slides 23 and 26 on the powerpoint presentation show the connection.
- Instance #3: November 25, 2019 presentation to Delta Council. See slides 24 and 27 in the powerpoint presentation.
- Instance #4 and #5: February 5 and 6, 2020 Public Information Meetings in Delta and Richmond - the River Road connection was shown on the roll plots that were presented at the public meeting. Photos I took of the roll plots during the public meeting are uploaded to Sync.

As Steven mentioned during our meeting last week, we weren't provided copies of many meeting materials or minutes from the original GMC project team due to confidentiality reasons, so there are most likely other meetings where this connection was presented and discussed that we don't have record of.

Please let me know if you have any questions or require more information.

Thanks,



Heather Thicke, ASCT, PMP
Engineering Project Technologist
City of Delta
Office: 604-952-3646
Email: hthicke@delta.ca



Immersed Tube Tunnel Concept Planview



River Road connection
shown on concept plans
presented in 2019

River Road Connection Records (2019 and 2020)

The following list shows instances when a River Road connection over Highway 99 was presented as part of the Fraser River Tunnel Project:

- Instance #1: October 2, 2019 Metro Vancouver George Massey Crossing Task Force Meeting (Page 2)
- Instance #2: October 15, 2019 presentation to Richmond Council (Page 3)
- Instance #3: November 25, 2019 presentation to Delta Council (Page 4)
- Instance #4 and #5: February 5 and 6, 2020 Public Information Meetings in Delta and Richmond. The River Road connection was shown on the roll plots that were presented at the public meeting (Page 5)

Immersed Tube Tunnel Concept Planview



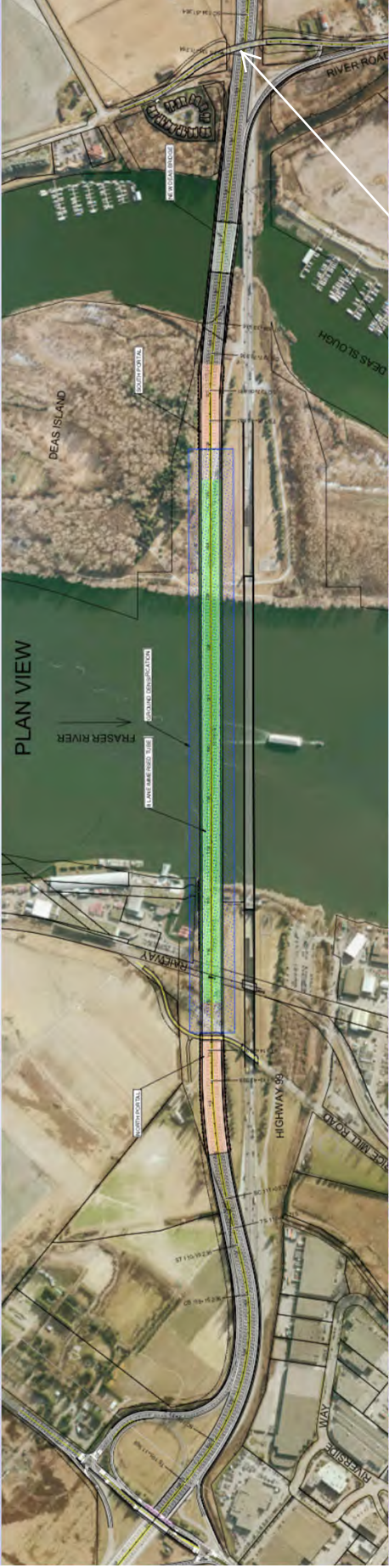
Overpass at River Road



Immersed Tube Tunnel Concept Planview



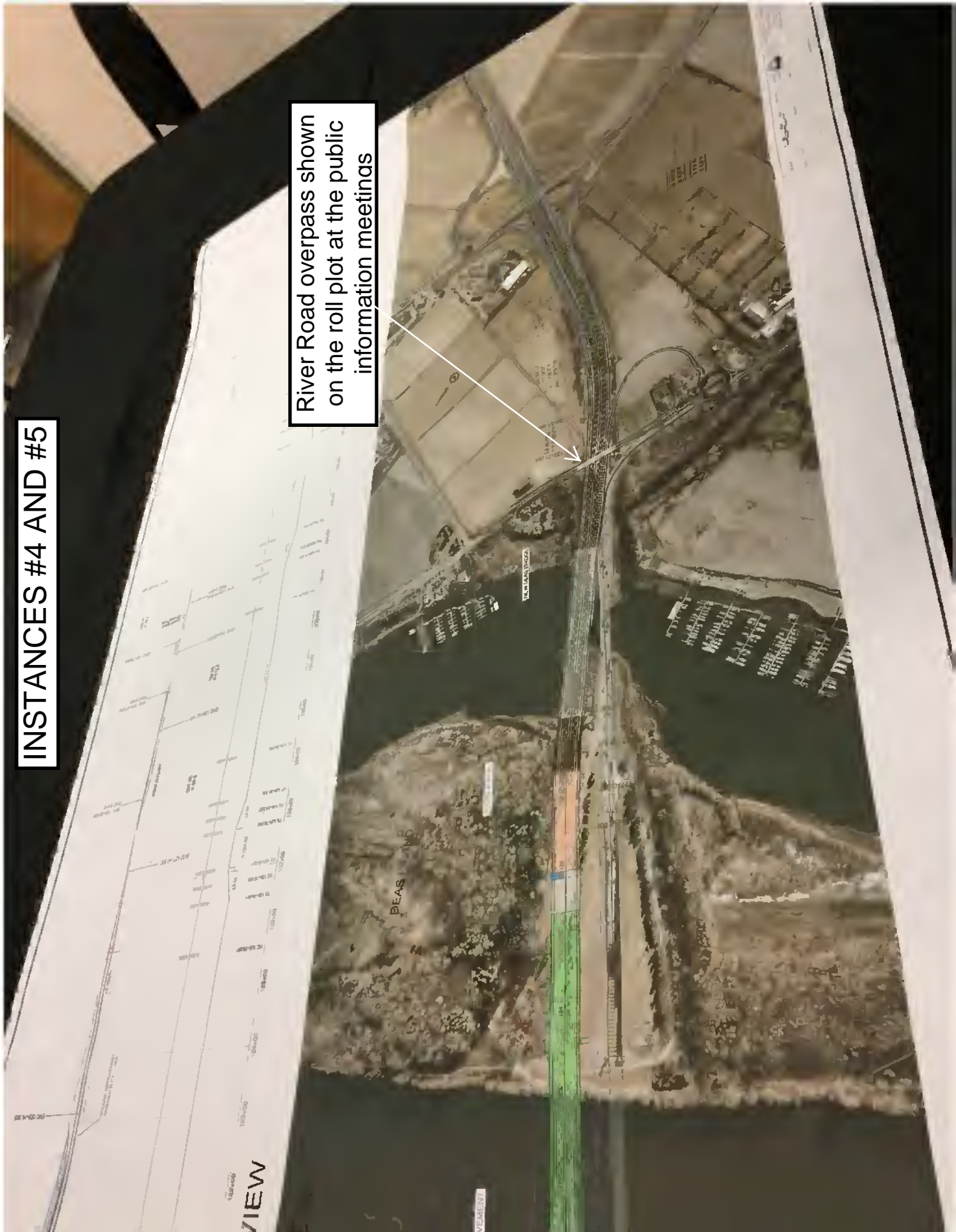
Immersed Tube Tunnel Concept Planview



Overpass at River Road shown

INSTANCES #4 AND #5

River Road overpass shown
on the roll plot at the public
information meetings



INDIGENOUS ENGAGEMENT

Introduced in October 2019 by the provincial government, the Declaration on the Rights of Indigenous Peoples Act will move the Province forward with a clear action plan for reconciliation, supporting predictability and economic opportunities, while respecting Indigenous human rights.

Upholding this commitment of the Province to work with First Nations is integral to engagement and the ministry will remain focused on creating opportunities for Indigenous peoples and providing a clear and sustainable path for everyone to work toward lasting reconciliation.

The ministry has engaged with 12 identified Indigenous groups throughout the development of the GMC Program. The Province remains committed to ongoing meaningful consultation with Indigenous groups throughout the life of the ITT and corridor improvement projects.

Starting in January 2019, the Province initiated an Indigenous engagement process comprised of three parts:

- Project, Principles, Goals and Objectives**
Develop and achieve consensus on project principles, goals, and objectives.
- Options Analysis**
Work with Indigenous groups to identify and shortlist potential crossing options and conduct a multiple accounts evaluation assessment of the shortlisted options.
- Business Case Development**
Review with Indigenous groups the short-listed crossing options in detail and how their input has been reflected in the development of the business case.

Additionally, the Province has facilitated Indigenous-led advanced environmental studies aimed at addressing Indigenous concerns and values, including five studies on eulachon, sturgeon, salmonids, migrating birds and fish habitat mapping.

For the associated corridor improvement projects, the Province has shared reference concepts and project overviews with identified Indigenous groups for their review and comments, and Indigenous groups have been invited to participate and inform the development of environmental management planning and permit applications. The ITT project will require an environmental assessment certificate and the Province hopes that identified Indigenous groups will continue to participate in this process to ensure that their priorities and concerns are addressed.

Overall, Indigenous rights, interests and perspectives will inform project implementation. Employment opportunities will be made available to Indigenous groups by the contractor and there will be a plan to support Indigenous ecological and cultural monitoring of new ground disturbances.

Cultural recognition activities will include a plan to celebrate Indigenous cultures to be developed with, and by, identified Indigenous groups.

Photo Credit: Tsawwassen First Nation, March 26, 2021



PUBLIC & STAKEHOLDER ENGAGEMENT

The GMC Program was informed through extensive engagement with the Metro Vancouver Board, municipalities, TransLink, the Vancouver Fraser Port Authority and other stakeholders. This included technical analysis and work to shortlist viable options for a Fraser River crossing and a formal endorsement from the Metro Vancouver Board of the Immersed Tube Tunnel as the preferred crossing option.

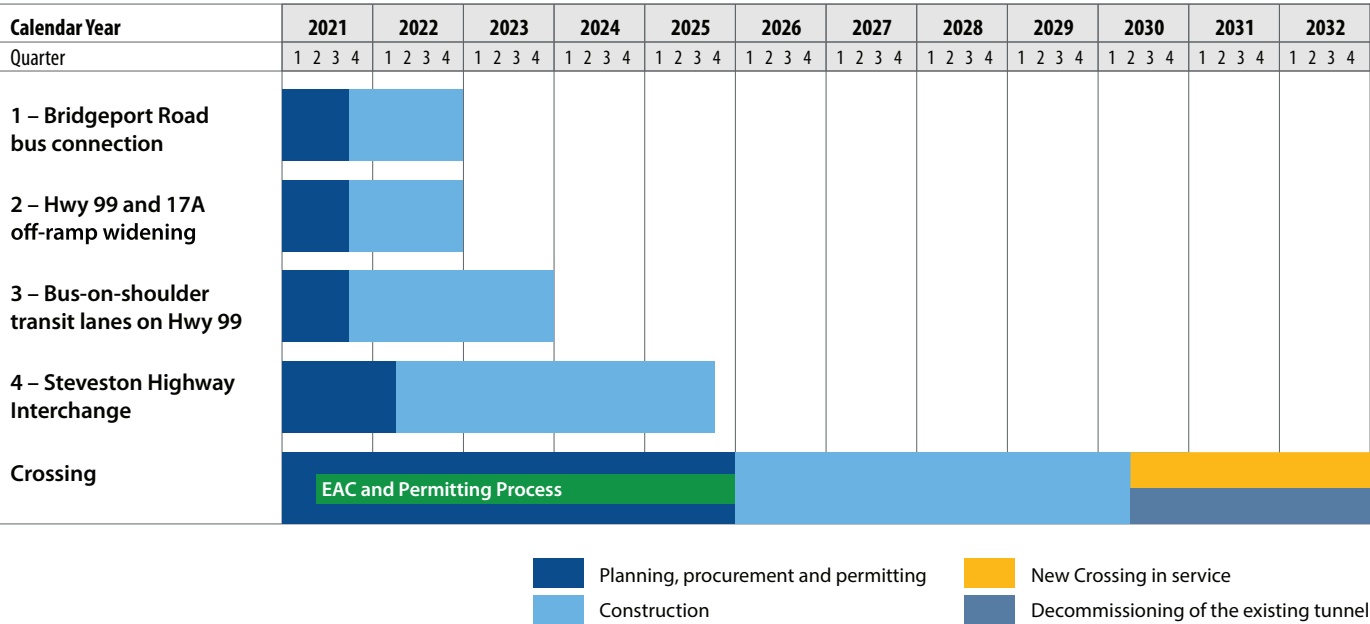
The ministry further hosted two public open houses in Richmond and in Delta to review the potential corridor

improvements and to provide an update on the progress that had been made towards a long-term crossing solution.

The ministry recently completed the early engagement process for an amendment to Environmental Assessment Certificate (EAC) #T17-01 in order to proceed with corridor improvements. Feedback and comments on the proposed amendment were completed as of April 24, 2021 and the application has been submitted to the EAO.

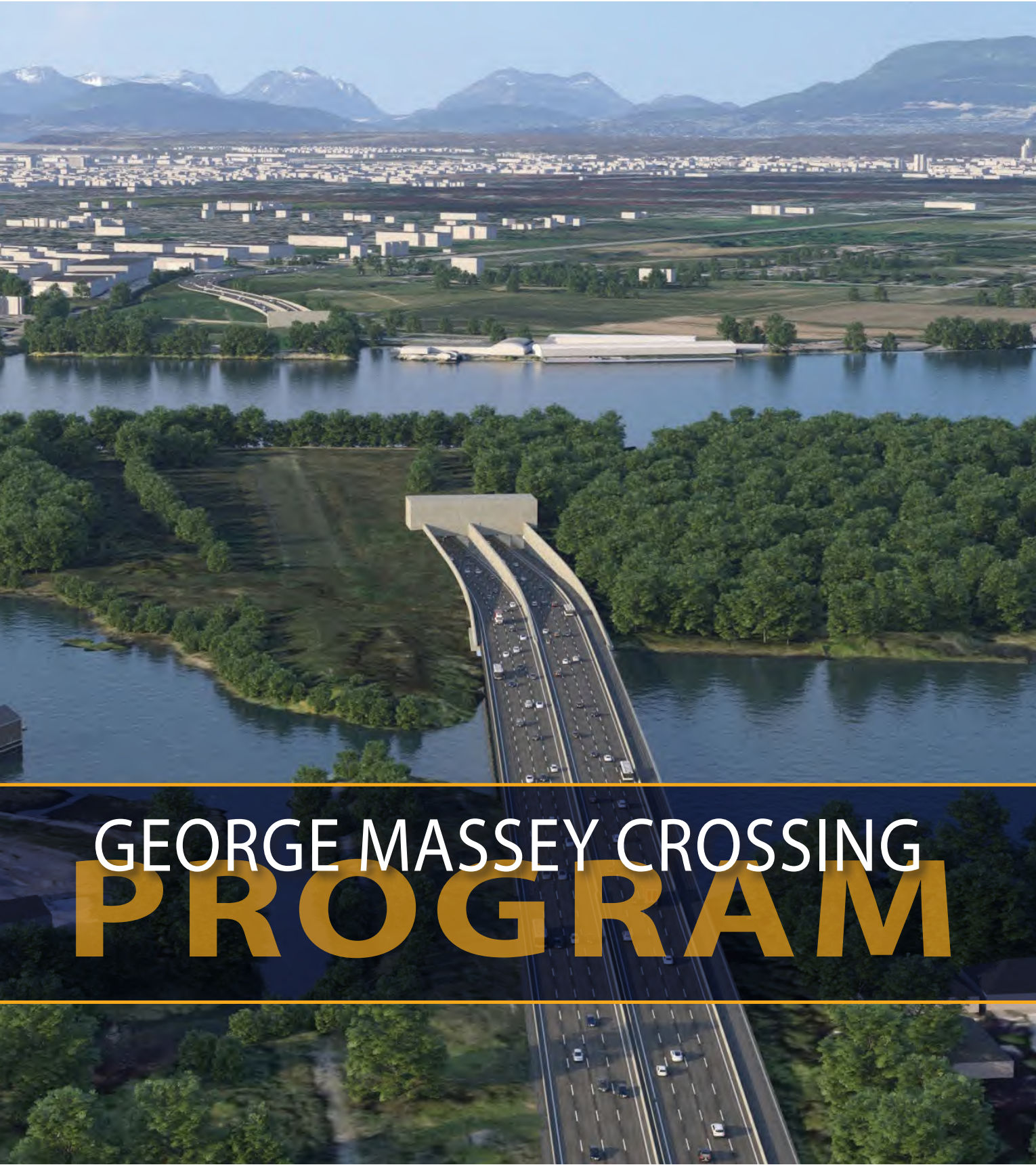
The Province will continue to engage with the public and all stakeholders as the GMC Program proceeds.

PROJECT DELIVERY SCHEDULE



QUESTIONS?

Email GeorgeMasseyCrossingSCR@gov.bc.ca or learn more at engage.gov.bc.ca/masseytunnel





RECOGNITION OF TRADITIONAL TERRITORIES

The Province of BC acknowledges that the George Massey Crossing Program will occur on the traditional territories of the Coast Salish peoples.

ITT Project Rendering

1 – New Steveston Interchange

2 – Bridgeport Bus Connection

3 – Highway 99 and 17A Off-Ramp Widening

4 – Bus on Shoulder Transit Lanes

ITT Project Overview

TOLL-FREE

A new, eight-lane immersed tube tunnel (ITT) will replace the George Massey Tunnel on Highway 99, providing people a toll-free crossing that has been endorsed by the Metro Vancouver Board and will provide an active transportation connection across the Fraser River.

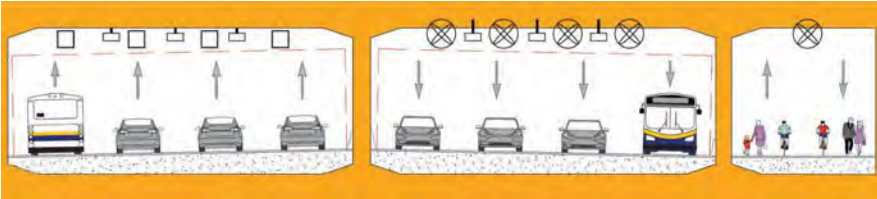
SCOPE

The new crossing will be an ITT with six vehicle lanes and two transit lanes, with a single tube to be used as a bi-directional multi-use path. The Program also includes removal of the existing tunnel, replacement of the existing Deas Slough Bridge with

an eight-lane bridge, addition of a southbound general purpose (GP) lane on Highway 99 between Westminster Highway and Steveston Highway, and the relocation of the existing BC Hydro transmission line that is within the existing tunnel.

COSTS

The estimated cost of the George Massey Crossing ITT is \$4.15 billion.



SCHEDULE

The new crossing is anticipated to be in service in 2030, and the existing crossing will be decommissioned by 2032.

Corridor Improvement Project Overview

The corridor improvements are comprised of four advanced works designed to reduce congestion and improve transit and cycling options in advance of construction of the new ITT.

SCOPE

The corridor improvements include:

1 – Steveston Highway Interchange: Replacement of the existing two-lane overpass and Highway 99 to accommodate two eastbound lanes and three westbound lanes (including a left turn lane), as well as improved connections to and from the overpass for vehicles, pedestrians and cyclists.

2 – Bridgeport Road Bus Connection: Redirect southbound bus services from

Sea Island Way to Bridgeport Road, and provide a transit-only connection southbound to the on-ramp to Highway 99. Construction of dedicated multi-use paths for active transportation that connect into the existing active transportation network.

3 – Highway 99 and 17A off-ramp widening: Extend and widen the northbound Highway 99 off-ramp approach to the Highway 17A intersection.

4 – Bus-on-shoulder transit lanes on Highway 99: Extend northbound and southbound bus-on-shoulder facilities south of Highway 17A.

COSTS

The estimated cost of the corridor improvements is \$137 million.

SCHEDULE

The corridor improvements are anticipated to begin in 2021 and be completed in 2025.

GMC Program Benefits

The project will provide safe, reliable, and accessible transportation options that meets the objectives for sustainable growth for the Metro Vancouver region.

SAFETY

The new crossing will meet modern seismic standards, as well as current safety challenges. Additionally, the new crossing will provide safer options for pedestrians, cyclists and other modes of active transportation.

REGIONAL ALIGNMENT

The investment in this key transportation corridor is in alignment with Metro Vancouver's vision. Over the next 30 years, approximately 1.2 million more people and 470,000 more jobs are projected to be added to the Metro Vancouver area. Approximately 40% of this growth in population and employment is expected to occur south of the Fraser River in Surrey, Langley, and Delta, and these communities rely on and utilize the Highway 99 corridor. The new crossing and corridor improvements are designed to help ensure the efficient movement of people, goods, and services given this projected growth.

VITAL TRADE CORRIDOR

The Metro Vancouver region plays a vital role on Canada's west coast, connecting Canada to Asia-Pacific trading partners through a reliable transportation network, including the region's international port and airport facilities. Asia-Pacific related goods movement is forecast to grow and drive the regional, provincial and national economies, increasing the need for a reliable and efficient regional



transportation network. The Highway 99 corridor, which includes the existing tunnel, is a key component of this transportation network. Additionally, this corridor connects the province directly with the United States.

ACTIVE TRANSPORTATION

The Program is in alignment with the Province's CleanBC plan as well as the Ministry's Move. Commute. Connect: BC's Active Transportation Strategy to support and increase safe walking, cycling and other forms of active transportation. The existing tunnel cannot safely accommodate cyclists or pedestrians, and therefore, travel by these modes is prohibited. The new ITT will establish a dedicated active transportation connection for pedestrians and cyclists across the Fraser River on Highway 99. The Program will see a significant improvement to transit service convenience and facilitate future expansion; and encourage higher occupancy modes of travel.

TRANSIT

The new crossing, along with transit improvements, will make transit much more convenient and accessible, it will be quicker, safer and more reliable. The Highway 99 corridor is part of the Frequent Transit Network, that connects

the Canada Line's Bridgeport Station to South Delta, North Delta, South Surrey, White Rock and Tsawwassen Ferry Terminal. The ITT will include dedicated bus only lanes to accommodate fast, frequent bus rapid transit service that will meet the long-term needs of Metro Vancouver's public transit system as informed and endorsed by TransLink, and Metro Vancouver.

COMMUNITY BENEFITS

In addition to the infrastructure and service delivery objectives, the Program will provide a range of community benefits, maximizing opportunities for local residents, and businesses as well as grow the skilled labour workforce through opportunities for apprentices, skills training, including the provision of employment opportunities for Indigenous peoples, women and underrepresented groups. The Program will be structured to support these goals.

REDUCED CONGESTION

The new crossing and corridor improvements will reduce congestion related delays for priority goods and service trips allowing for increased business and economic growth, reliability, and productivity.



River Road overpass shown