



PORT of  
**vancouver**

Vancouver Fraser  
Port Authority

## Holdom Overpass

# Discussion guide and questionnaire

Phase two engagement: March 1 to April 11, 2021



# We want to hear from you



## We want to hear from you

From March 1 to April 11, 2021, the Vancouver Fraser Port Authority is inviting those who live, work, and play in Burnaby to share your ideas with us as part of the second phase of public engagement for the proposed Holdom Overpass. The Holdom Overpass is part of the Burnaby Rail Corridor Improvements Project.

Our approach to public engagement is based on two-way communication, open dialogue, and working together to ensure the community, environment, and economy are all

considered during project planning. This is an opportunity for us to share project updates and hear from you. Your feedback helps us to understand your priorities and ensure they are top of mind during planning, design, and construction.

Due to COVID-19, we are unable to host in-person engagement. As a result, the second phase of engagement will be done remotely to keep the community and staff safe.

### Phase one

#### Listen and learn

In this phase, we wanted to understand your priorities, concerns, and vision for the project. We updated the project guiding principles and developed a draft design based on feedback received in this phase.

Completed

### Phase two

#### Draft designs

Based on feedback from phase one, along with technical, budget, and environmental considerations, we will share a draft design for the proposed Holdom Overpass, along with public space improvements for feedback.

📍 We are here

### Phase three

#### Final design

In the third phase, we will share the final design for the project with the community prior to requesting approval from Burnaby City Council.

Late 2021

## How your input will be used

In this phase of engagement, we want your feedback to:

- Finalize the design for the Holdom Overpass
- Finalize the public space improvement options
- Understand your ideas and interests about construction to inform a traffic and construction management plan

## When you will hear from us next

We will summarize the feedback from this phase of engagement and share it with the community in summer 2021. We will bring a final design for the Holdom Overpass back to the community later this year.

Sign up for the newsletter to learn about project updates and upcoming engagements at

 [portvancouver.com/holdomengagement](https://portvancouver.com/holdomengagement)

## The Port of Vancouver and engagement during COVID-19

The Port of Vancouver plays a vital economic role in Canada by connecting consumers and businesses with the global marketplace, and it remains open for business. As the port authority continues to respond to the pandemic, the health and safety of our employees, stakeholders, and the community are our top priority.

We are also continuing our work to deliver critical trade-enabling projects such as the Holdom Overpass. We will engage with the community on this project by providing opportunities for meaningful dialogue and input, while ensuring you have clarity on the project scope.

We know in-person engagement opportunities are important to any engagement process. In support of the government's guidance to practice physical distancing to prevent the spread of COVID-19, this phase of engagement will be done remotely. We are happy to speak with anyone who has questions about the project or wants to learn more. We encourage you to call us at 778.957.9444 or email us at [holdomoverpass@portvancouver.com](mailto:holdomoverpass@portvancouver.com).

## From March 1 to April 11, 2021 you can learn more and provide feedback by:

### Attending a virtual information session

We are hosting two public information sessions virtually. Sign up at [portvancouver.com/holdomengagement](https://portvancouver.com/holdomengagement)

 Sunday, March 7, 2021, 11:00 a.m. to 1:00 p.m.

 Thursday, March 11, 2021, 7:00 to 9:00 p.m.

### Completing the questionnaire

Read this discussion guide and complete the questionnaire at

 [portvancouver.com/holdomengagement](https://portvancouver.com/holdomengagement)

### Watching the project videos

Watch the video and share your input online at

 [portvancouver.com/holdomengagement](https://portvancouver.com/holdomengagement)

### Providing a written submission

#### Email your submission to

 [holdomoverpass@portvancouver.com](mailto:holdomoverpass@portvancouver.com)

#### Mail your submission to

Vancouver Fraser Port Authority  
Attention: Project communications

 100 The Pointe, 999 Canada Place,  
Vancouver, BC, V6C 3T4

### Phoning

 778.957.9444

# Vancouver Fraser Port Authority

## About the Vancouver Fraser Port Authority

The Vancouver Fraser Port Authority is the federal agency responsible for the stewardship of the lands and waters that make up the Port of Vancouver.

Our mandate is to enable Canada's trade objectives, ensuring goods are moved safely through the Port of Vancouver, while protecting the environment and considering local communities. We are accountable to the federal minister of transport.

## Infrastructure projects

As the port authority, we are leading a number of projects to help enhance the movement of trade-related cargo through the Lower Mainland while improving mobility and safety, protecting the environment, and alleviating the community impacts of growing trade.

Since 2014, we have been working with others in the Gateway Transportation Collaboration Forum—a group of representatives from different levels of government and the goods movement industry—to identify projects that will improve our trade and transportation network to meet growth anticipated by 2030.

The Gateway Transportation Collaboration Forum created the Greater Vancouver Gateway 2030 strategy to identify smart infrastructure investments to ensure we have an efficient and competitive network to support Canadian trade while also addressing the community impacts of anticipated trade and population growth. Projects such as the Holdom Overpass and the larger Burnaby Rail Corridor Improvements Project will ensure that the region can manage the trade growth forecasted to 2030.



### Our vision

For the Port of Vancouver to be the world's most sustainable port



### Our mission

To enable Canada's trade objectives, ensuring safety, environmental protection and consideration for local communities



### Our values

- Accountability
- Collaboration
- Continuous improvement
- Customer responsiveness

## Our definition of a sustainable port

We believe a sustainable port delivers economic prosperity through trade, maintains a healthy environment, and enables thriving communities through meaningful dialogue, shared aspirations, and collective accountability.



# Project partners



## Canadian National (CN)

CN is a world-class transportation leader and trade-enabler. Essential to the economy, to the customers, and to the communities it serves, CN safely transports more than 300 million tons of natural resources, manufactured products, and finished goods throughout North America every year. As the only railroad connecting Canada's eastern and western coasts with the southern tip of the U.S. through a 19,500-mile rail network, CN and its affiliates have been contributing to community prosperity and sustainable trade since 1919. CN is committed to programs supporting social responsibility and environmental stewardship. Safety is a core value at CN, and CN supports objectives and projects that aim to improve safety for all road users near railways.

### How is CN supporting this project?

CN operates trains on the rail line in Burnaby's central valley (known as the Westminster Subdivision). CN has long-term operating rights on this rail line, which is owned by Burlington Northern Santa Fe. As a funding partner, CN is leading the ventilation upgrades to the Thornton Tunnel and a new rail siding track in Burnaby to improve the flow of trains to and from the port terminals in North Vancouver.

## City of Burnaby

Burnaby is a vibrant city at the geographic centre of Metro Vancouver. It has an amazing natural environment, a strong cultural mosaic, and thriving town centres. The City of Burnaby provides facilities and services that support a safe, connected, inclusive, healthy, and dynamic community. The city works collaboratively with residents, businesses, organizations, and other governments to enhance and protect the quality of life of the people who live, work, and play in Burnaby.

### How is the City of Burnaby supporting this project?

The city is working closely with the port authority to ensure the Holdom Overpass meets the needs of the community, including improved safety, enhanced access and connections, reduced travel times, and better emergency response. The city is also working with project partners to explore the long-term effects on traffic, changes to the character of the community, and quality of life for all who live and work in Burnaby. When the Holdom Overpass is complete, the city will take ownership of it.



# About the project

## Holdom Overpass

The proposed Holdom Overpass is part of the Burnaby Rail Corridor Improvements Project—a series of road and rail improvements that will improve the flow of trains between Burnaby and port terminals in North Vancouver, as well as safety and community access, by creating more reliable travel times and better emergency response options.

The new overpass will support national trade growth and aligns with the City of Burnaby's transportation plans. In partnership with the City of Burnaby, the port authority is leading the following **transportation improvements**:

- A four-lane overpass elevating and extending Holdom Avenue south over the rail corridor and Still Creek and connecting with Douglas Road
- Closure of the existing Douglas Road rail crossing to vehicles

In parallel, CN is leading the following nearby **rail improvements**:

- Upgrades to the ventilation system for the Thornton Tunnel, to reduce the time between trains travelling through the tunnel
- A new rail siding track running from Willingdon Avenue to Piper Avenue, parallel to the two existing tracks, to position trains accessing the Thornton Tunnel

## Questions

If you have questions about the rail improvements or rail operations, please email CN at:

✉ [contact@CN.ca](mailto:contact@CN.ca)

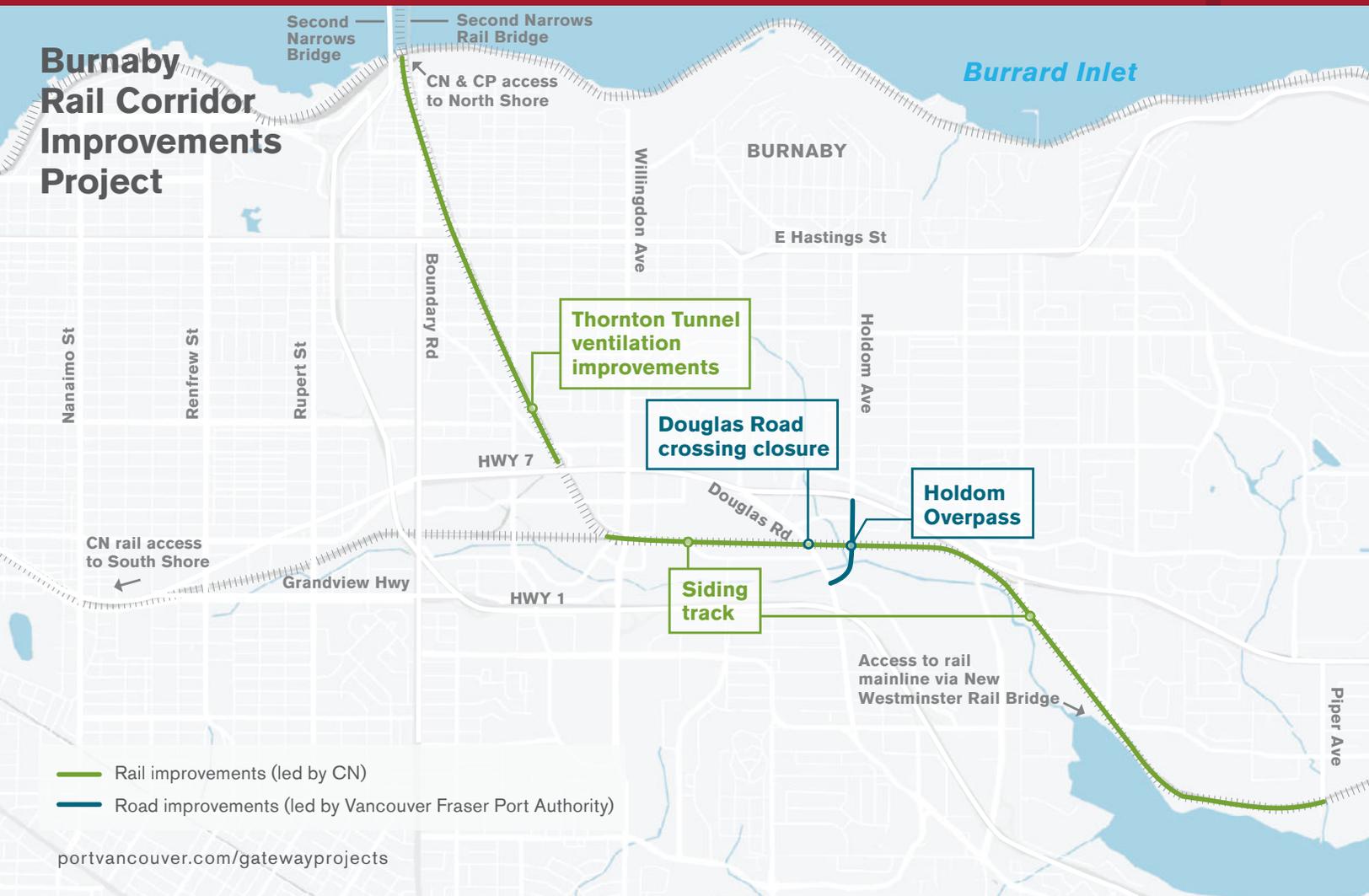
## Fast facts

 Project lead	<ul style="list-style-type: none"><li>• <b>Vancouver Fraser Port Authority</b></li></ul>
 Project cost	<ul style="list-style-type: none"><li>• <b>\$145 million*</b></li></ul>
 Funding provided by	<ul style="list-style-type: none"><li>• <b>Government of Canada</b></li><li>• <b>Vancouver Fraser Port Authority</b></li><li>• <b>CN</b></li></ul>
 Project partners	<ul style="list-style-type: none"><li>• <b>Vancouver Fraser Port Authority</b></li><li>• <b>CN</b></li><li>• <b>City of Burnaby</b></li></ul>

\*This is for the transportation improvements, including the Holdom Overpass and closing the Douglas Road rail crossing.



# Burnaby Rail Corridor Improvements Project



In 2018, the port authority received funding from Transport Canada's National Trade Corridors Fund to complete design and construction of the Burnaby Rail Corridor Improvements Project.

# About the project

## Why is this project needed?

The rail corridor through Burnaby is the only rail connection to port terminals in North Vancouver and is an important link in our national supply chain. Trade in Canada is growing, which means increased transportation by both road and rail. This project will increase the capacity of the rail corridor to support growing trade.

Another purpose of this project is to reduce the impacts of trade on the Burnaby community. In particular, upgrading the Douglas Road rail crossing is essential to addressing the effects of trade on residents and visitors to the city.

Also, by closing the Douglas Road rail crossing, we will be reducing the risk of collision between vehicles and trains and making it safer for road users.

## How will Douglas Road be changed?

Once the Holdom Overpass is built and operational, we will close the Douglas Road rail crossing to all road users. The Holdom Overpass will connect to Douglas Road at Norland Avenue, creating continuous access and making the crossing at Douglas Road unnecessary.

## How long will this project take to build?

The project is in the planning and design phase. Based on the current project schedule, and subject to city council approval, construction of the project will start sometime in 2022 and will be completed by 2025.

## Current scenario

The existing rail crossings cause delays for road users and emergency response crews. The table below reflects current train volumes and the delays experienced by road users waiting to cross, including first responders.

	Current train activity		Future train activity
	Daily train crossings	Combined daily traffic delays	Daily train crossings
Douglas Road	30	2 hours	As trade increases over the next 10 years, train volumes will also increase to meet this demand. However, by separating the road from the rail crossing, road users will not be delayed by trains.





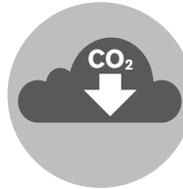
# Project benefits

## Project benefits

The Burnaby Rail Corridor Improvements Project has many benefits, including improved safety and better community access by creating more reliable travel times and better emergency response options.



**Improved public safety:** reduced risk of collisions between trains, pedestrians, cyclists, and drivers



**Reduced emissions:** reduced emissions and energy use by eliminating vehicle wait times at train crossings



**Better emergency response:** faster, easier access to incidents for first responders



**Increased job opportunities:** growth in local jobs via growth in trade



**More reliable commutes:** improved reliability of roads by eliminating blockages caused by rail traffic



**Public space improvements:** creation of public space improvements such as Indigenous cultural recognition, public art, seating, integration of native species in landscaping plans, etc



**Reduced congestion:** improved mobility for residents and more efficient movement of goods



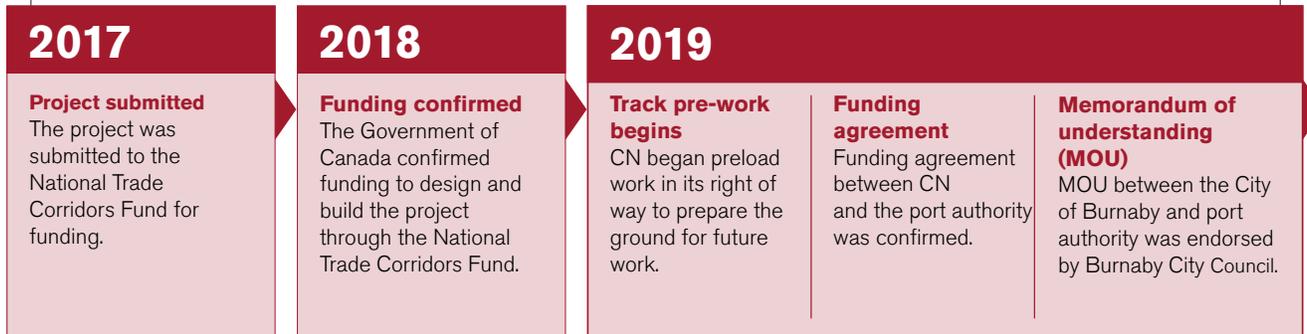
**Improved connections for walking and cycling:** enhanced walking and cycling facilities associated with the crossings

**1x  = 280x **

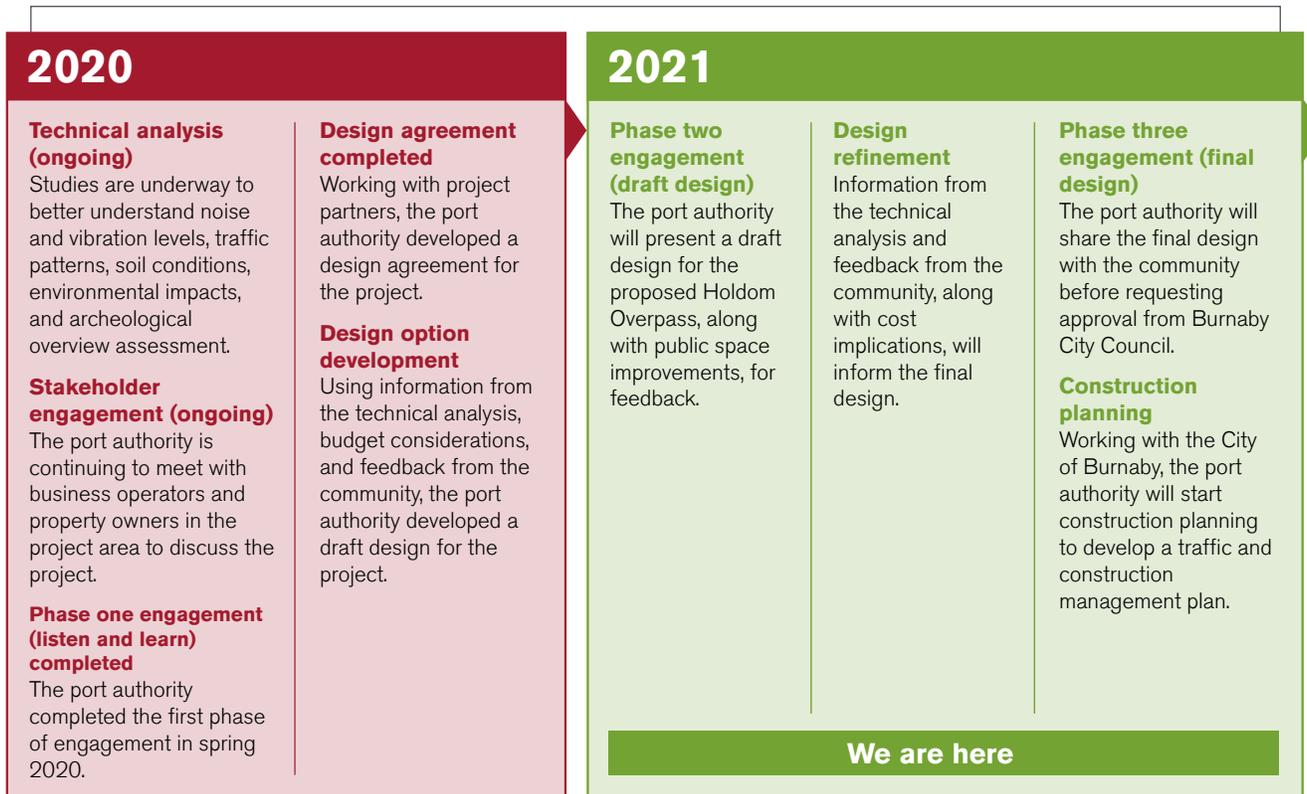
Rail-based transportation is the safest, most cost-effective and environmentally friendly option available to ship goods across land. A single train carries approximately the same amount of cargo as 280 trucks and eliminates the equivalent emissions produced by 1,100 automobiles.

# Project timeline

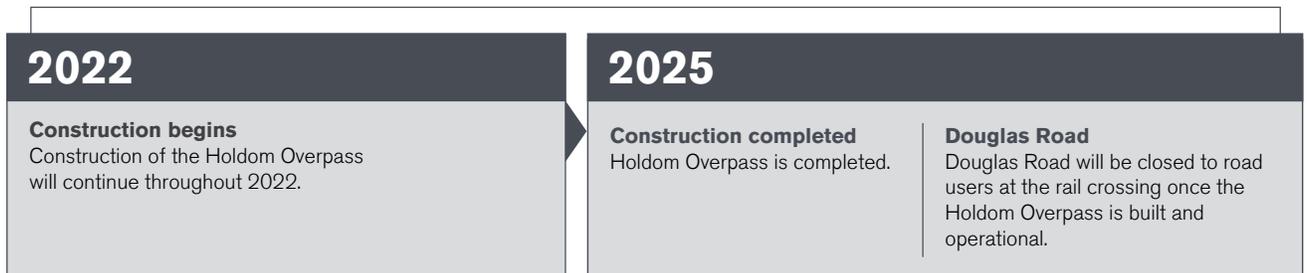
## Research and funding



## Planning and design



## Construction



A separate consultation process with local Indigenous groups is happening in parallel throughout the project.

# Burnaby: local and national context

## Burnaby's role in Canada's trade

The rail corridor in Burnaby is CN's and Canadian Pacific's (CP) rail connection to the North Shore. Currently, 65% of rail traffic through Burnaby goes to the North Shore. Each day, goods from across Canada and the United States arrive by rail and road to the terminals in North Vancouver for export.



## Moving goods by rail

As a key mode of transportation, trains are critical to our region's economy. Trains travelling through Burnaby move commodities and goods to and from port terminals in North Vancouver. These commodities and goods include the following:

- Western Canadian agriculture products, including grain, canola, pulses, and others
- Canadian forest products, including pulp, lumber, and wood pellets
- Saskatchewan potash
- B.C. metallurgical coal (used for creating steel)
- Vegetable seed oils
- Mineral ores and concentrates
- Fertilizers and sulphur
- Consumer good imports and exports
- Manufacturing parts, and material imports and exports

Proud to be part of this community

## Port activities in Burnaby

 [portvancouver.com/burnaby](http://portvancouver.com/burnaby)

Local port activities annually generate:

  
**1,700**  
local jobs

  
**\$100 million**  
in wages

  
**\$340 million**  
in economic activity

Additional facts:

  
**\$925,698**  
municipal taxes paid by  
port tenants in 2019

  
**\$60,931**  
paid by the port authority to the municipality  
for vacant port land in 2019

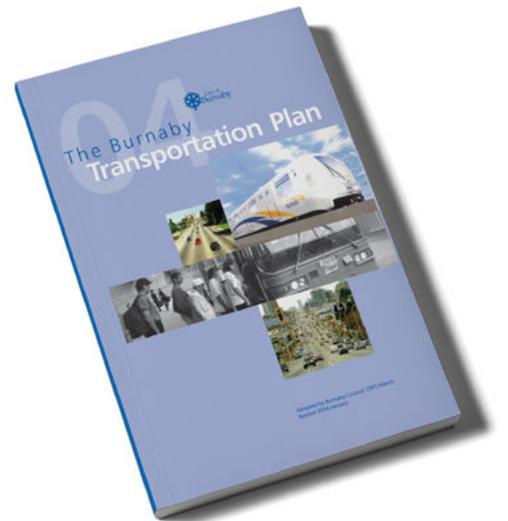
# City of Burnaby supporting policy

## Burnaby Transportation Plan

The City of Burnaby is in the process of updating its transportation plan to guide transportation policies and actions over the next 30 years. It aims to deliver a balanced and inclusive system that offers accessible and safe mobility in support of a healthy, green, prosperous, and connected community.

The Holdom Overpass was first identified in 1979 by the City of Burnaby as a solution to eventually separate the Douglas Road rail crossing. This rail crossing is blocked by trains for an average of two hours throughout the day, causing delays for local road users and cutting off access to emergency response vehicles.

To contribute further to the city's transportation plan, the port authority also plans to enhance walking and cycling connections and make improvements to the public realm within the project area.



## Holdom Station Area Plan

Adopted in 2003, the Holdom Station Area Plan is a vision to transform the area around Holdom SkyTrain Station into a thriving urban village guided by development and infrastructure. The plan encourages development of a compact, mixed-use community, centred around the transit station so that residents, workers, and shoppers will drive their cars less and walk and use transit more.

The plan also includes a new overpass over the rail tracks at the southern end of Holdom Avenue and connecting to Douglas Road at Norland Avenue to the south. Once the overpass is constructed, the Douglas Road at-grade rail crossing will be closed.

## Integrated Storm Water Management Plan for the Still Creek Watershed

The City of Burnaby's Integrated Storm Water Management Plan was developed in partnership with Metro Vancouver and is a long term vision to restore Still Creek and the area around Still Creek to a more natural state. It integrates land use planning with flood management, environmental protection, and recreational enhancement strategies and initiatives.

The plans provides direction to mitigate flooding, improve water quality, create new recreational spaces and recapture and enhance important pieces of the Still Creek system for all to enjoy. The port authority is using this plan and vision to inform the design of the Holdom Overpass project.



# What we have heard

## What we have heard

Last spring, the port authority completed the first phase of public engagement in partnership with the City of Burnaby. More than 500 community members shared feedback through the online questionnaire and by email and phone.

During that phase, we asked for feedback to:

- Develop a set of guiding principles for the project
- Understand how you travel through the area
- Understand your priorities for improvements to the public space around the proposed Holdom Overpass, including walking and cycling connections

The engagement summary from the first phase of public engagement is available at [portvancouver.com/holdomoverpass](http://portvancouver.com/holdomoverpass). The information we're sharing with you as part of this engagement has been informed by feedback from the community, stakeholders and local Indigenous groups, along with technical, budget and environmental considerations.

This table reflects what we heard to date from the community, stakeholders, and local Indigenous groups and how we are acting on that feedback.

Safety		
What we heard	What we have done	What you can do
Enhance safety in the project area for people walking and cycling—especially for those with mobility issues—by designing the overpass with wide sidewalks and separated paths for cyclists.	<p>The Holdom Overpass will have a multi-use path on both sides for pedestrians and cyclists with a physical barrier that separates them from vehicles.</p> <p>The overpass will also be designed to industry best practice and will include railings and barriers to enhance safety for those travelling along the overpass.</p>	<p>See pages 18-19 to review the alignment and structural design of the overpass and how we incorporated your feedback to enhance safety.</p> <p>Tell us what you think of the proposed design for the Holdom Overpass on page 33.</p>
Design the overpass to manage car speeds.	The overpass will have a posted speed limit of 50 km/h according to City of Burnaby's standards, and has been designed to ensure the safety of all road users.	
Ensure the design of the overpass and the space under it feel safe.	<p>The proposed design includes lighting to improve visibility and make it comfortable for people travelling through the area both on and under the overpass.</p> <p>The space under the overpass that connects to the Central Valley Greenway has been design to improve sightlines. The overpass has been designed with transparent bridge railings on both sides of the multi-use path to improve visibility along the bridge deck and maintain views of the Central Valley Greenway.</p>	



## Businesses

What we heard	What we have done	What you can do
Minimize the impact on businesses within the project area, especially those near the overpass.	The port authority is committed to minimizing the impacts to businesses within the project area. To plan accordingly, we are meeting with businesses and property owners in the area to better understand their operations and needs.	If you are a property owner or business operator located within the project area or near the Douglas Road rail crossing and would like to meet with the project team, please email us at <a href="mailto:holdomoverpass@portvancouver.com">holdomoverpass@portvancouver.com</a> .
Maintain access to existing businesses for all road users.		Alternatively, we are looking for feedback to inform a traffic and construction management plan on page 37.

## Transportation network connectivity and efficiency

What we heard	What we have done	What you can do
Consider intuitive connections when integrating the overpass into the existing network for all road users.	Connectivity will be comparable to existing conditions—road users will be able to access local streets and destinations similar to the way they do today.	See pages 20-23 to review the intersection designs, transportation network, and how the overpass is integrated to improve the flow of traffic, prevent short-cutting, and maintain intuitive connections.
Improve signals and traffic lights in the area to improve the flow of traffic, including left-turn signals and the placement of stop signs to reduce back-ups and congestion.	The new intersections at each end of the overpass will have dedicated turn lanes in peak directions as needed to improve traffic flow. Traffic signal phasing and timing changes are also being investigated to mitigate congestion.	Tell us what you think of the intersection designs on page 20-23.
Consider and implement measures to prevent shortcutting and traffic redirecting onto residential streets.	Local streets will have similar configurations to existing conditions so that alternate routes through residential streets are avoided.	

## Environmental protection and climate change

What we heard	What we have done	What you can do
Protect habitats along Still Creek and use this as an opportunity to enhance them.	Environmental studies are underway to assess existing environmental conditions and propose measures and opportunities to protect and enhance habitats along Still Creek.	We will share the results of the studies and how we used them to inform the design as part of the third phase of engagement.
Protect as much green space and as many trees as possible when designing and constructing the overpass.	As a project principle, the port authority is designing the project to reduce the impact on existing green space and trees.	See pages 24-25 to review the proposed design of the Holdom Overpass and how it was designed to protect existing green space and trees.
Undertake sustainable construction methods to build the overpass.	The port authority is designing and constructing the project to achieve Envision certification. Envision is a rating system and best-practice resource that organizations use to implement sustainability measures into infrastructure projects from design through construction and maintenance.	Learn more about Envision at <a href="http://sustainableinfrastructure.org/envision">sustainableinfrastructure.org/envision</a> .

# What we have heard

## Noise

What we heard	What we have done	What you can do
<p>Consider integrating noise mitigation options into the design of the overpass to mitigate traffic and rail noise for those who live and work in the area.</p>	<p>The results of the noise assessment indicates the overpass will not increase noise levels as compared to current conditions.</p> <p>We have shared the results of the noise assessment with the City of Burnaby and according to Health Canada guidelines, no mitigation is warranted.</p>	<p>Learn more about Health Canada's guidelines about noise <a href="#">here</a>.</p>

## Public space and amenities

What we heard	What we have done	What you can do
<p>Where possible, add more green space in the project area and around the Central Valley Greenway to encourage more activities, gatherings, picnics, etc.</p>	<p>To reflect the city's vision to restore Still Creek and the area around Still Creek, the port authority is proposing to keep the existing landscape around the Central Valley Greenway to create a more natural space.</p>	<p>See pages 24-29 to review the public space improvements and public art considerations.</p> <p>Tell us what you think of the proposed public space improvements and public art considerations on page 36.</p>
<p>Consider water fountains/stations, playgrounds, picnic tables and benches, and art/murals.</p>	<p>Benches, interpretive signage, and art features integrated into the columns and ground through decorative gravel bands are being proposed for the area under the overpass to encourage contemplative recreation.</p>	
<p>Ensure the design of the overpass is aesthetically pleasing and enhances the overall look and feel of the area.</p>	<p>Overpass elements such as materials, colours, landscaping, and lighting have been given careful consideration to enhance the integration of the overpass structure into the existing urban environment.</p>	
<p>Consider more lighting in the area and along the Central Valley Greenway.</p>	<p>Effective lighting designs are being proposed to minimize light pollution, improve public safety, and enhance and transform the space into an attraction for people to enjoy.</p>	



# Guiding principles



## Guiding principles

In the first phase of public engagement, we shared a set of draft guiding principles for feedback to understand your priorities for the project. Based on what we heard, we refined the guiding principles and have been using them to plan and design the project.

Original principle	Updated or new principle	Rationale
Design the project with the future in mind, including population growth, densification, compatibility with other work, and flexibility to adapt as the area changes.	Design the project with the future in mind to accommodate population growth and densification. The design should also be mindful of other work planned for the area and reduce the impacts of climate change.	Feedback from the community indicated there should be a principle around reducing the impacts on climate change. As a result, we've adapted this principle to reflect this gap.
Improve safety for all road users.	<b>Stays the same</b>	
Enable walking and cycling to and across the bridge that is accessible, safe, and comfortable for people of all ages and abilities.	Prioritize walking and cycling to and across the bridge that is accessible, safe, and comfortable for people of all ages and abilities.	Feedback from the first phase of engagement stressed the importance of prioritizing walking and cycling above other modes of transportation. This principle has been refined to reflect what we heard.
Enhance and protect, where possible, existing green space.	<b>Stays the same</b>	
Make connections intuitive for all road users.	Design the project to make connections intuitive for all road users, reduce traffic congestion, and maintain important road connections.	Feedback from the community highlighted the importance of reducing traffic congestion and maintaining important road connections when planning and designing the project. This principle has been refined to reflect this feedback.
Protect and enhance the natural environmental features in the area.	<b>Stays the same</b>	
Improve access for emergency vehicles.	<b>Stays the same</b>	
Consider opportunities to enhance the recreational use of the Central Valley Greenway and Still Creek.	<b>Stays the same</b>	
Consider the overpass role in the regional transportation network.	<b>Stays the same</b>	
Support more reliable transit and better access to transit with strategic placement of transit stops.	<b>Stays the same</b>	
Design the project to complement the aesthetic of the area.	<b>Stays the same</b>	

## Draft design for the proposed Holdom Overpass

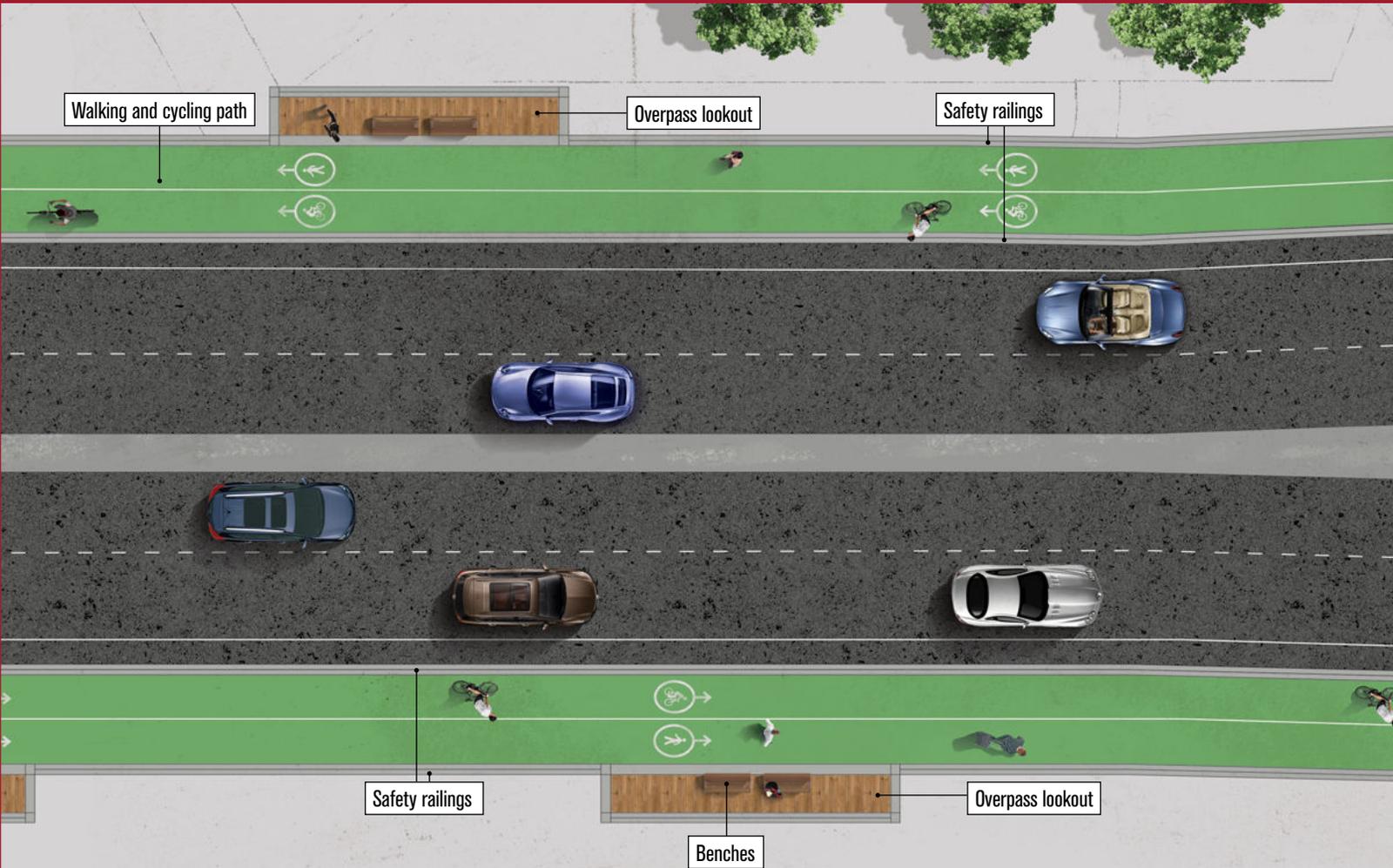
Using feedback from the first phase of engagement, along with Indigenous consultation, technical analysis, feasibility, budget, and environmental considerations, we developed a proposed design for the Holdom Overpass. The design also reflects considerations from our project partners, refined project objectives, and overall project constraints.

### Alignment of the proposed Holdom Overpass

The Holdom Overpass will link north to the Holdom SkyTrain station located along Lougheed Highway and to the south of Holdom Avenue and the industrial areas of Douglas Road and Norland Avenue. The overpass will extend and elevate Holdom Avenue south over the rail corridor, Central Valley Greenway and Still Creek.

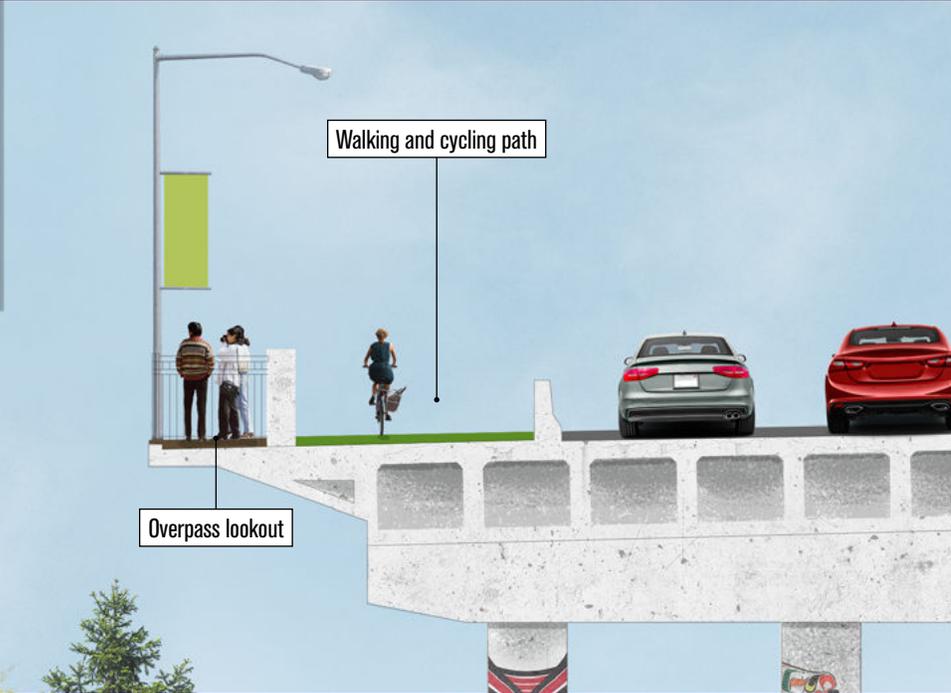
Deep foundations are required to support the overpass due to poor soil conditions. The proposal also considers a structure that provides an economical design while still making sure it integrates nicely into the existing urban environment.





**Walking and cycling path and lookouts on the overpass**

Based on feedback from the community, we are proposing a separated path for pedestrians and cyclists that is physically separated from vehicle traffic on both sides of the overpass. This will enable walking and cycling to and across the bridge that is accessible, safe, and comfortable for people of all ages and abilities.



## Intersection designs

We heard that intuitive connections are important to the community. At each end of the overpass, the proposed intersection designs consider logical connections so that local roads and destinations can be accessed similar to the way they are today.

### South end

At the south end of the bridge, the Holdom Overpass will integrate into Douglas Road and Norland Avenue to maintain access and connections to local destinations in the area.

The intersection includes traffic lights with a clearly marked pedestrian crosswalk to and from the overpass.

The intersection has been designed to allow all turning movements and accommodate transit vehicles and large trucks.





**North end**

At the north end of the overpass, we are proposing to extend Goring Street eastward and connect it to Kingsland Drive to better connect to local businesses on Kingsland Drive.

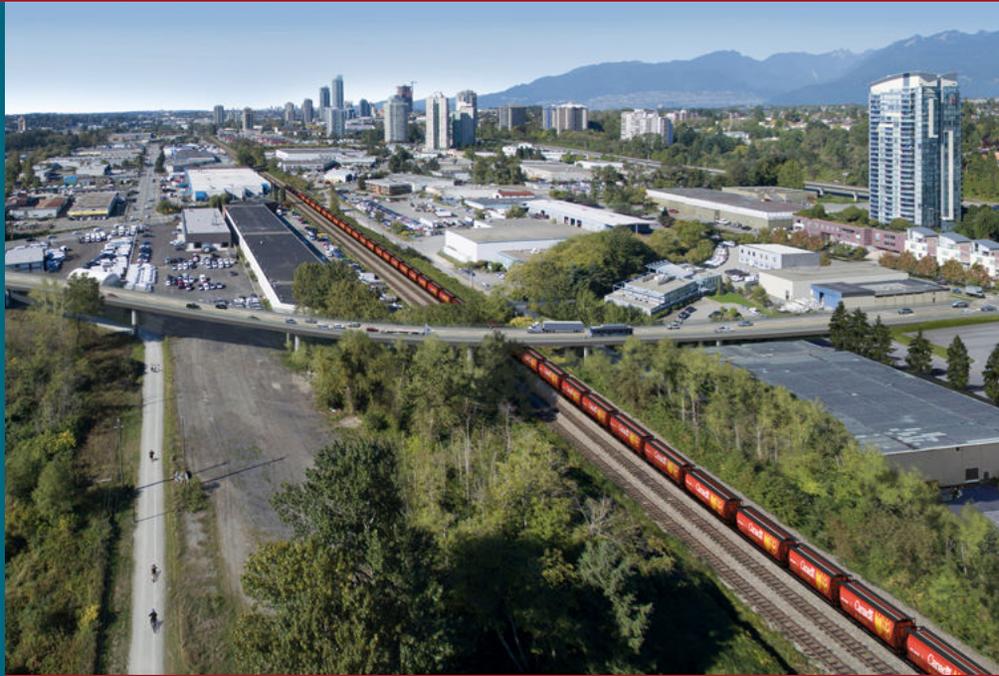
The intersection includes traffic lights with a clearly marked pedestrian crosswalk to and from the overpass.

The intersection has been designed to allow all turning movements and accommodate transit vehicles and large trucks.

## Road network

The proposed local road network is designed to operate similar to the existing network and minimize the impacts on private property and businesses.

-  Pedestrian circulation
-  Bicycle circulation
-  Central Valley Greenway
-  Vehicle circulation





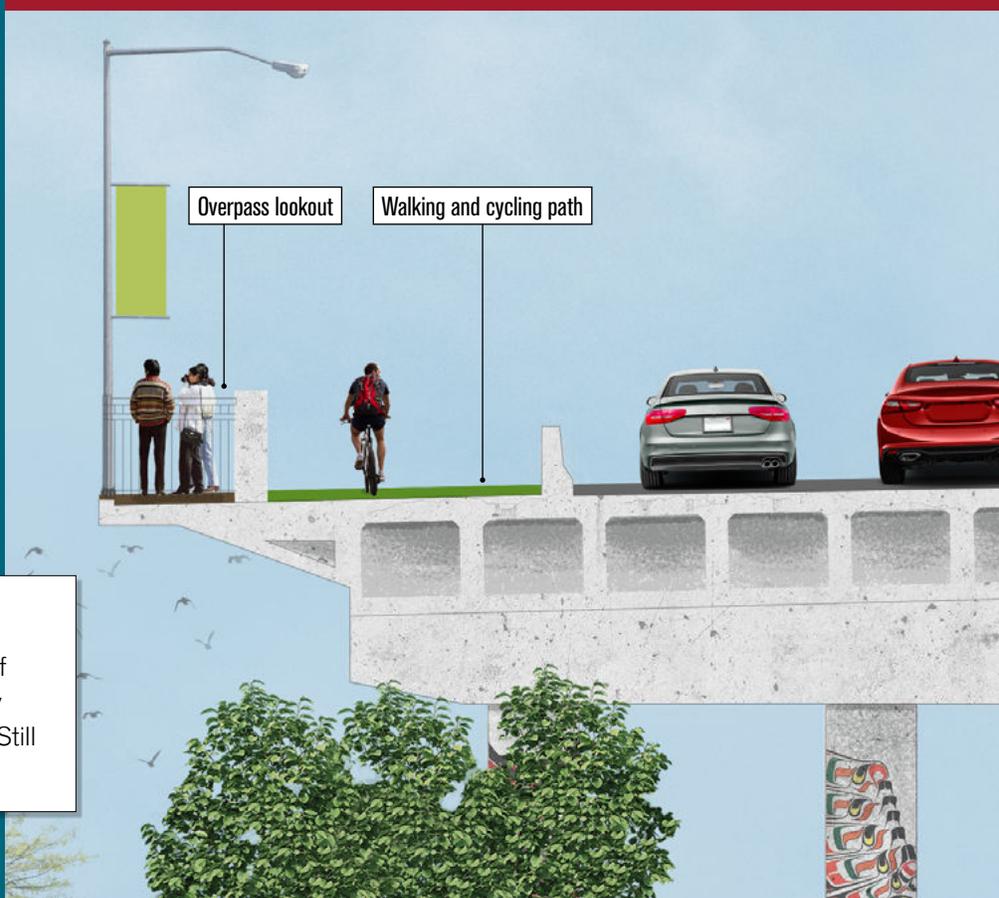
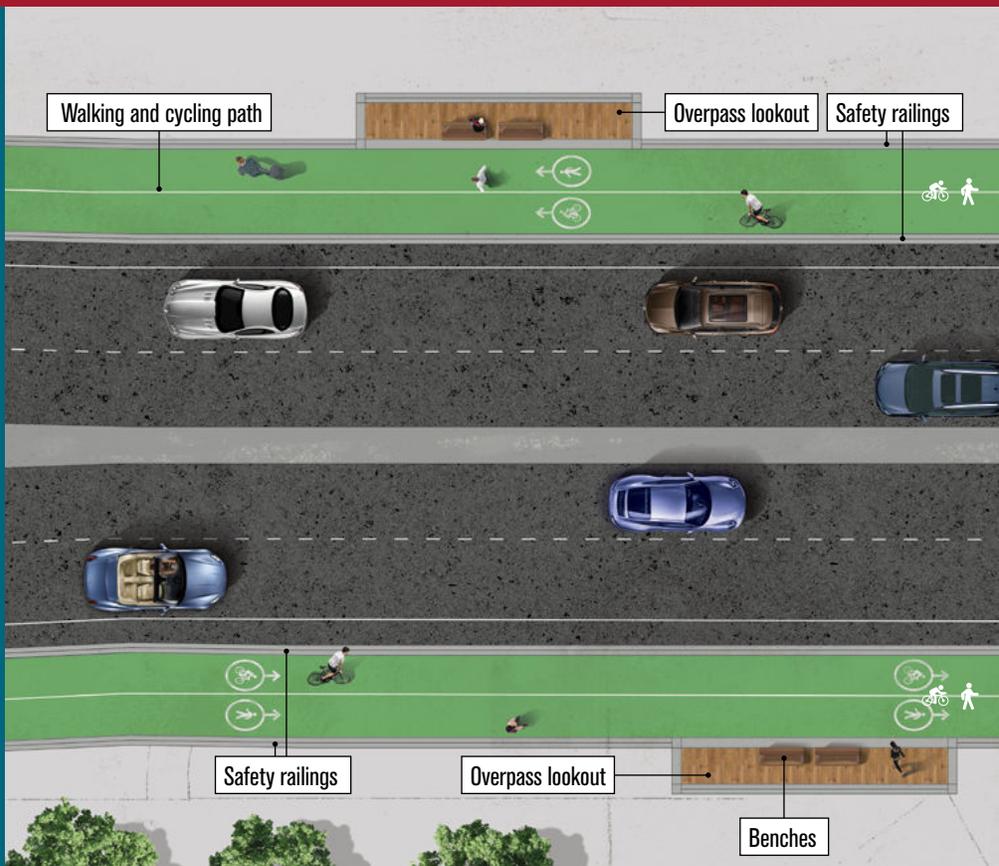
## New road network



## Public space improvements

Using feedback from the community, stakeholders, and local Indigenous groups, along with technical, budget, and environmental considerations, we have developed a series of proposed public space improvements on and around the overpass.

The proposed improvements are also reflective of the City of Burnaby's vision for the area.



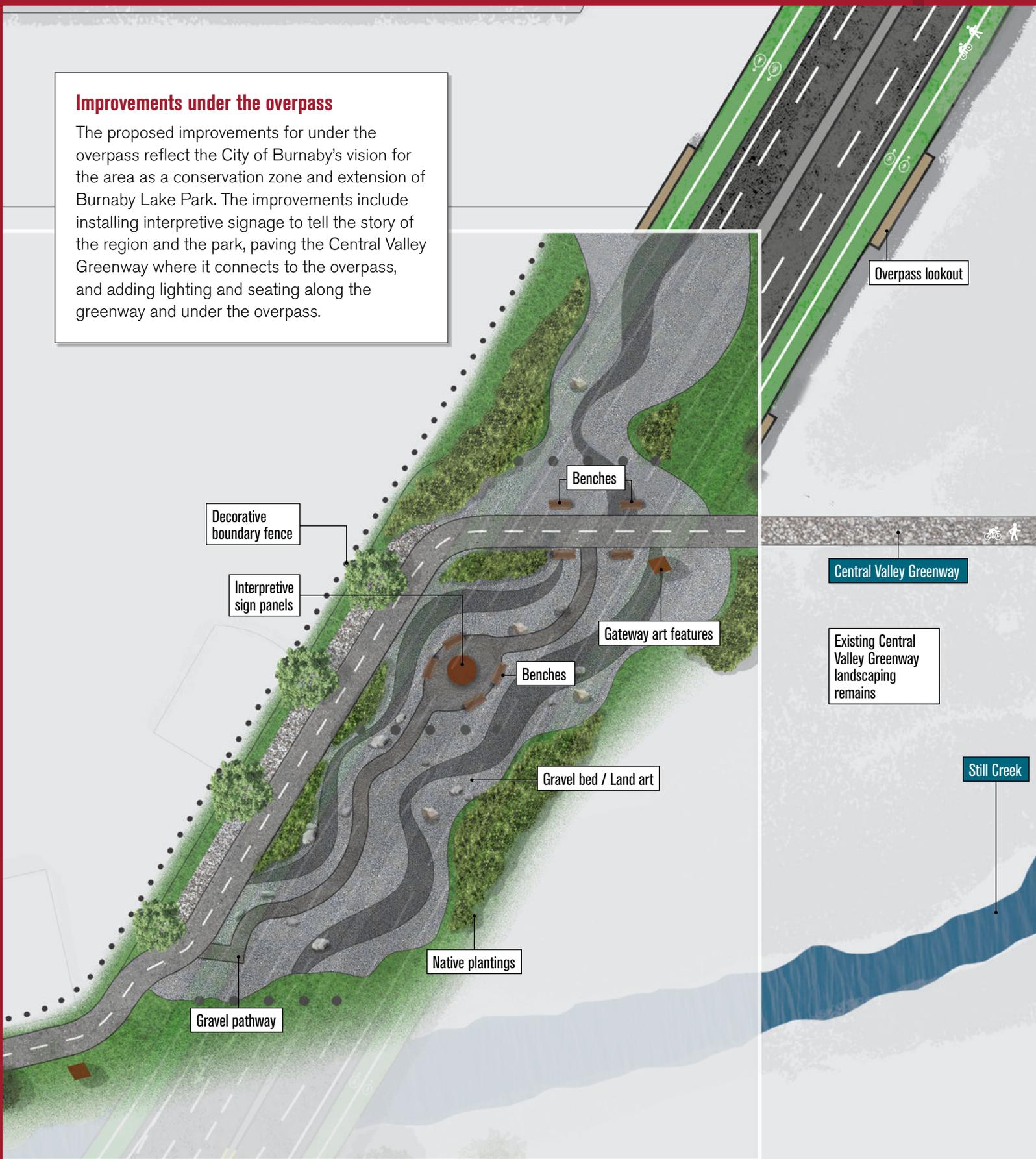
### Lookouts and benches

On the overpass, we are proposing a series of lookouts with benches to allow users to enjoy the view of the Central Valley Greenway and Still Creek.



### Improvements under the overpass

The proposed improvements for under the overpass reflect the City of Burnaby's vision for the area as a conservation zone and extension of Burnaby Lake Park. The improvements include installing interpretive signage to tell the story of the region and the park, paving the Central Valley Greenway where it connects to the overpass, and adding lighting and seating along the greenway and under the overpass.



Decorative boundary fence

Interpretive sign panels

Benches

Gateway art features

Benches

Gravel bed / Land art

Native plantings

Gravel pathway

Overpass lookout

Central Valley Greenway

Existing Central Valley Greenway landscaping remains

Still Creek

## Cross-section view of the Holdom Overpass

### Looking south (daytime)

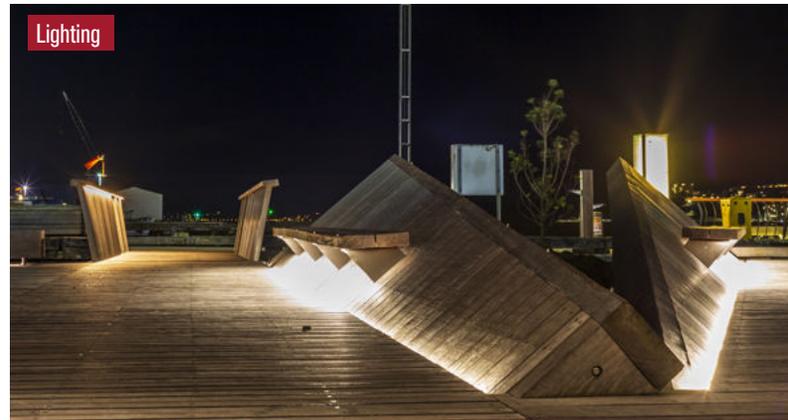
Under the overpass, we are proposing educational and interpretive signage that highlights the history and natural assets in the area, along with seating and lighting. We are also considering art features around the columns and decorative gravel bands for the ground space under the overpass.

## Cross-section view of the Holdom Overpass

### Looking south (nighttime)

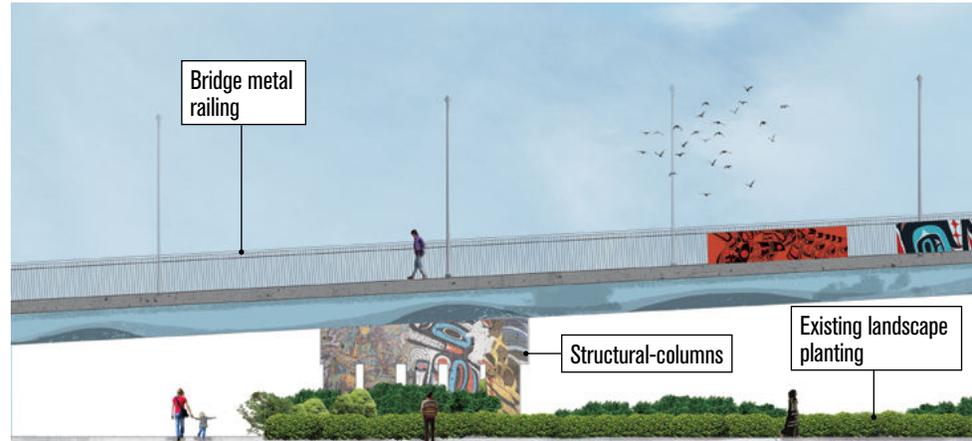
We heard that lighting under the overpass to enhance safety was important to the community. The proposed design includes lighting along and under the overpass.

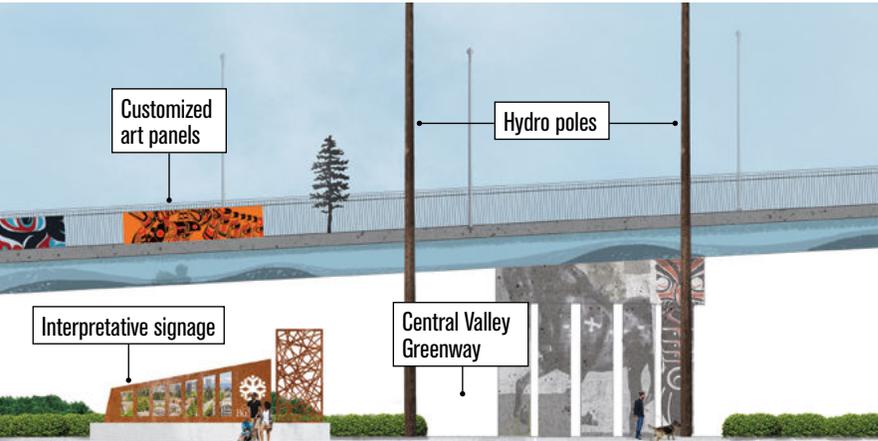




## Indigenous art and cultural recognition and public art considerations

We are exploring other ideas to enhance the aesthetic of the overpass structure including decorative columns, way-finding and educational signage, trees, and bridge railing and barrier designs, as well as specific natural features unique to the area. We are also collaborating with local Indigenous groups to identify opportunities to recognize and celebrate local Indigenous culture and history.





# What feedback we're asking for

## What we want to learn from you (and why)



### Proposed design for the Holdom Overpass

We want your feedback on the proposed design for the Holdom Overpass. Tell us what you think on page 33. We will use your feedback to finalize the design prior to requesting approval from Burnaby City Council.



### Proposed public space improvements

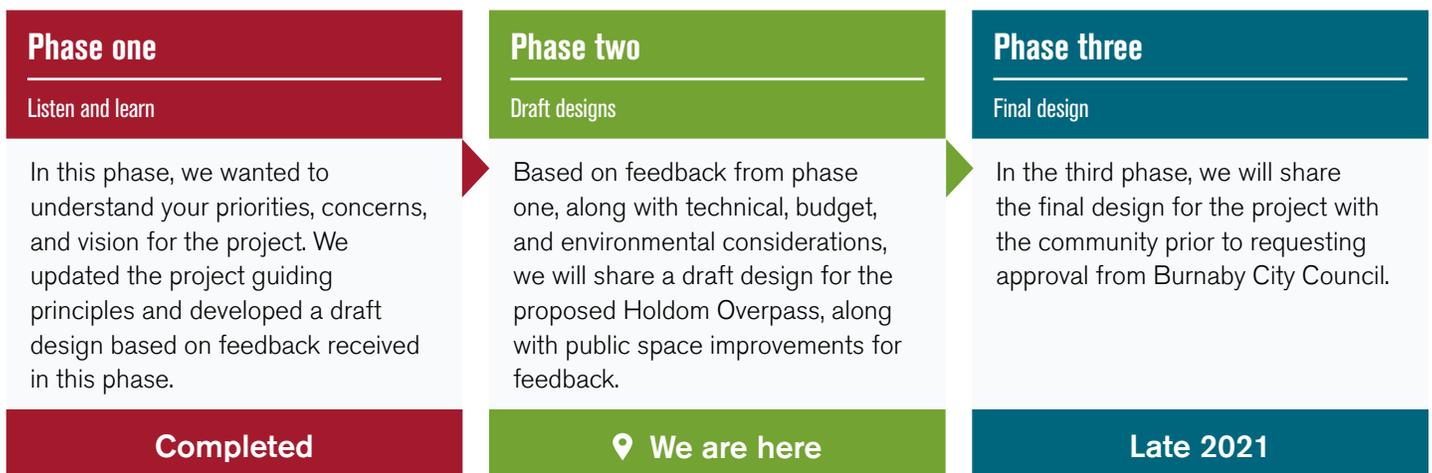
Based on feedback from the first phase of engagement, we developed a range of public space improvements on and under the overpass. Tell us what you think on page 36. We will use your feedback to finalize the design prior to sharing it with Burnaby City Council for approval.



### Traffic and construction management

We heard that managing traffic impacts during construction is a priority for the community. How can we best manage construction to minimize impacts on you? Tell us on page 37. We will use your feedback to inform a traffic and construction management plan for the project.

## We are in the second phase of a three-phase engagement process



## What has been decided and why

### Holdom Overpass

Through conversations with the City of Burnaby, the location that the port authority originally proposed for the overpass changed from Douglas Road to Holdom Avenue in order to align with the Holdom Station Area Plan.

The proposed Holdom Overpass will provide a new north-south connection with walking and cycling facilities in a growing town centre, while at the same time eliminating the need for an at-grade road crossing at Douglas Road. When complete, the overpass will have four lanes and a pedestrian and cycling pathway on both sides of the structure.

### Local roads and intersections

The overpass will connect into the existing local road network at either end of the overpass with new intersections. Goring Street will continue east to connect into Kingsland Drive in order to maintain local connections north of the rail corridor. The intersection configurations and local road improvements are designed to allow the network to function the same as or better than it does today.

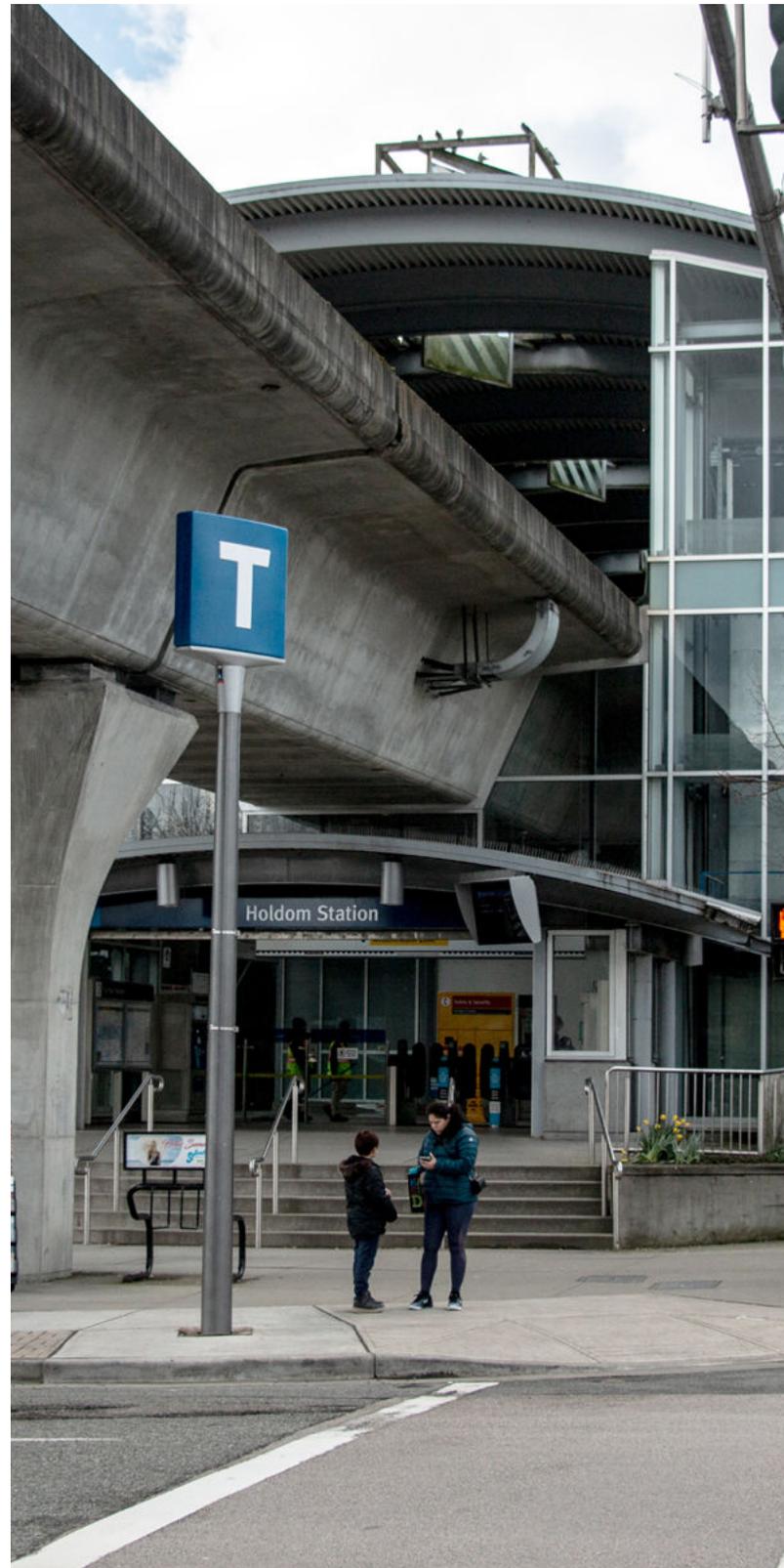
### Closure of Douglas Road to road users

Approximately 11,000 cars and 30 trains use the Douglas Road rail crossing every day. The Douglas Road rail crossing is blocked on average for two hours throughout the day by moving trains, causing delays for local road users and cutting off access to emergency response vehicles.

Once the Holdom Overpass is constructed, the rail crossing at Douglas Road will no longer be needed and will be closed to road users. By closing the rail crossing, we are improving safety by reducing the risk of collisions between road users and trains.

### Upgrades to Thornton Tunnel and new siding track

As part of the project, CN is building an additional siding track to accommodate trains accessing the Thornton Tunnel, and upgrading the ventilation in the Thornton Tunnel to improve the air quality in the tunnel. These improvements will reduce the wait times in between trains accessing the Thornton Tunnel and will allow more trains to travel between Burnaby and port terminals in North Vancouver. CN is aiming to complete this work by spring 2021.



# Questionnaire



## About the project

We are hoping to increase capacity to accommodate future trade growth and reduce the impact of this growth on the community of Burnaby. The Holdom Overpass will extend and elevate Holdom Avenue south over Still Creek and the rail tracks, and connect to Douglas Road. In partnership with the City of Burnaby, we are inviting those who live, work, and play in Burnaby to share their feedback with us as part of the second phase of engagement for the Holdom Overpass.

## About the questionnaire

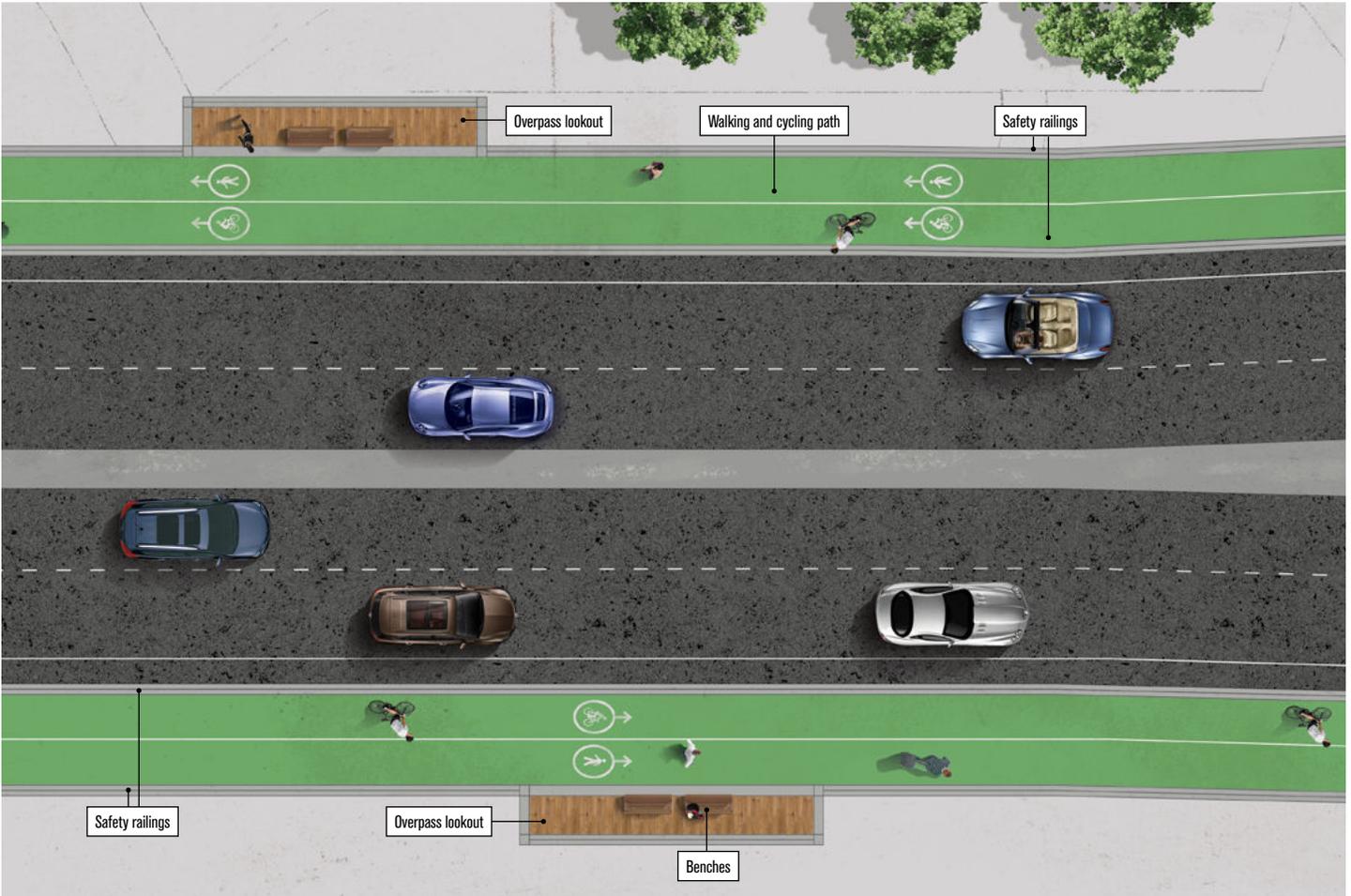
The following questionnaire should take **15 minutes to complete**. Your feedback will help us finalize the design for the Holdom Overpass and public space improvements, and inform a traffic and construction management plan.

Please submit your feedback by April 11, 2021.  
See the last page of this guide for more information.

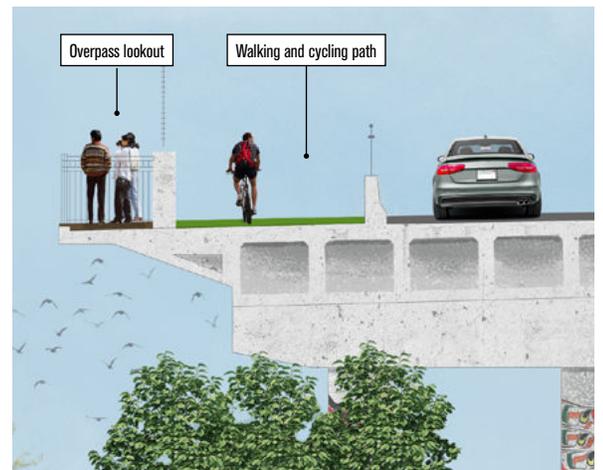


# Questionnaire

- 4 We are proposing a separated walking and cycling path on both sides of the Holdom Overpass, physically separated from vehicles. Is there anything about the walking and cycling paths you would like to share with us, for our consideration, as we look to finalize the design?



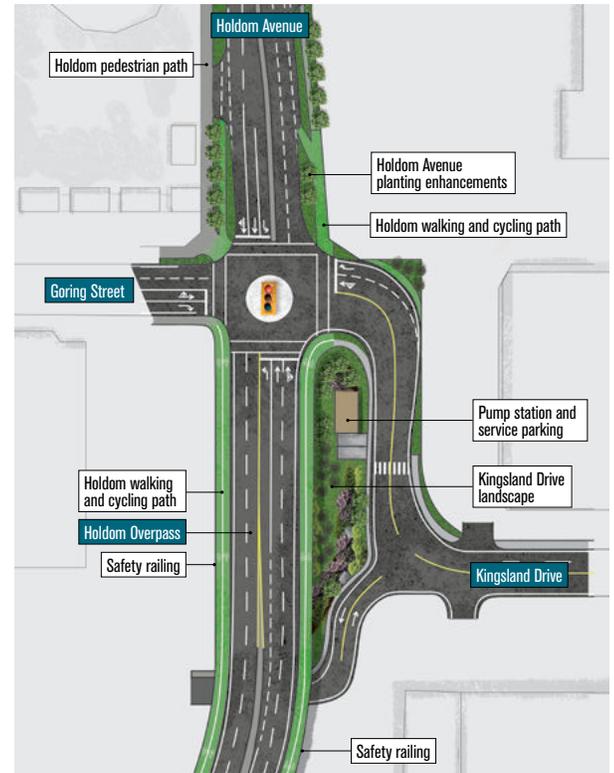
Your answer



## North end of the Holdom Overpass

**5** At the north end of the Holdom Overpass, we are proposing an intersection with traffic signals at Goring Street and Holdom Avenue. We are also proposing to extend Goring Street to the east and connect it to Kingsland Drive. Is there anything you would like to share with us about the intersection, for our consideration, as we look to finalize the design?

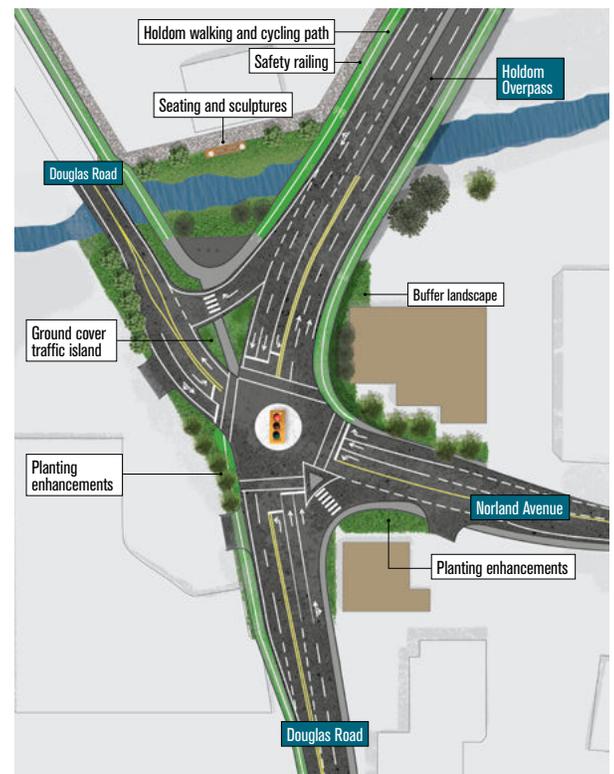
Your answer



## South end of the Holdom Overpass

**6** At the south end of the proposed Holdom Overpass, we are proposing an intersection with traffic signals at Douglas Road, Norland Avenue, and Holdom Avenue. Is there anything you would like to share with us about the intersection, for our consideration, as we look to finalize the design?

Your answer



# Questionnaire

## Public space improvements

- 7** Guided by the City of Burnaby's policies and using feedback from the community, stakeholders, and local Indigenous groups, along with technical, budget, and environmental considerations, we have developed a series of proposed public space improvements on and under the overpass. Is there anything you would like to share with us about the public space improvements, for our consideration, as we look to finalize the design?



Your answer

- 8** Are there cultural, historical or environmental aspects of the project area that you would like us to consider in the design, or highlight in signage and other features of the project?

Your answer



## Traffic management during construction

We need your knowledge as a resident and/or business operator within the project area, to help us understand what we need to consider as we create a traffic and construction management plan to limit disruption to you during construction. One of our priorities is ensuring that traffic during construction is managed thoughtfully to mitigate impacts to the community as best we can. While there will be disruption, we would like to understand your priorities.

### 9 What traffic impacts are you most concerned about during construction?

Your answer

### 10 What can we do to reduce construction impacts on you when you are travelling?

Your answer

### 11 Is there anything else that you would like us to consider for design or construction planning?

Your answer

# Questionnaire

## How your feedback will be used

The feedback received from this phase will be used to:

- Finalize the design for the proposed Holdom Overpass
- Finalize the public space improvements
- Understand your concerns and opportunities about construction to inform a traffic and construction management plan

## When you will hear from us next

We will summarize the feedback received during this phase and share it with the community in summer 2021. We will share the final design for the project later this year.

Thank you for taking the time to provide your feedback on the Holdom Overpass. We value your input and look forward to working with you on this project.



Please submit your questionnaire by  
**April 11, 2021.**

We are committed to engaging with the community and providing opportunities for meaningful dialogue and input throughout this project while ensuring you have clarity on the project scope.

### For more information:

[portvancouver.com/holdomoverpass](https://portvancouver.com/holdomoverpass)  
[holdomoverpass@portvancouver.com](mailto:holdomoverpass@portvancouver.com) | 778.957.9444



The information you provide on this questionnaire will be added to the port authority's database for the Holdom Overpass public engagement. This database allows the port authority to maintain a record of contact. If you have submitted a comment, your personal information may be disclosed to the City of Burnaby and/or CN to help with project planning and respond to questions. Otherwise, your personal information will not be used for any purpose other than to inform

the project planning and design. Any personal contact information you provide to the port authority on this form is collected and protected in accordance with the *Freedom of Information and Protection of Privacy Act*. If you have any questions about the project or the information collected in this questionnaire, please contact us at 778.957.9444 or email [holdomoverpass@portvancouver.com](mailto:holdomoverpass@portvancouver.com)



PORT of  
**vancouver**

Vancouver Fraser  
Port Authority

## Holdom Overpass

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Please submit your questionnaire by **April 11, 2021.**

How to return your completed questionnaire

**Online:** Complete the questionnaire at  
[portvancouver.com/holdomengagement](http://portvancouver.com/holdomengagement)

**Email:** Scan and email the questionnaire to  
[holdomoverpass@portvancouver.com](mailto:holdomoverpass@portvancouver.com)

**Mail:** Vancouver Fraser Port Authority  
Attention: Holdom Overpass Project Team  
100 The Pointe, 999 Canada Place  
Vancouver, BC, V6C 3T4

For questions regarding the project, please contact the project team at  
[holdomoverpass@portvancouver.com](mailto:holdomoverpass@portvancouver.com)

[portvancouver.com/holdomengagement](http://portvancouver.com/holdomengagement)

Canada