

Surrey Langley SkyTrain Project

surreylangleyskytrain.ca

Media Technical Briefing: September 18, 2020



Together all the way



Why are we here today?

Following the submission of the project Business Case to senior governments in January 2020, project planning has continued - even during COVID-19.

We are here today to:

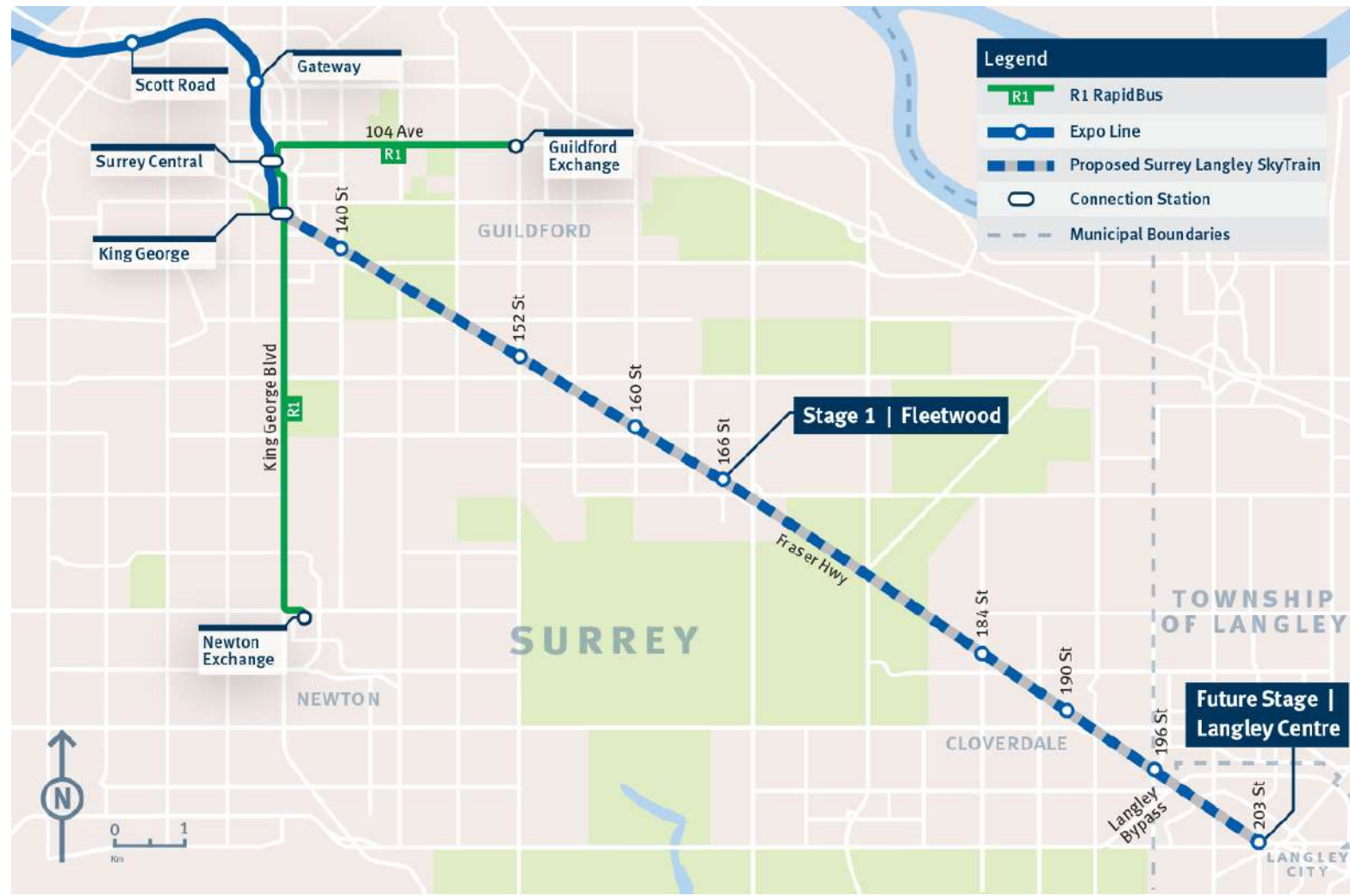
- Launch the third round of public engagement



Background

Following direction from regional mayors, TransLink has undertaken project planning for a Surrey Langley SkyTrain.

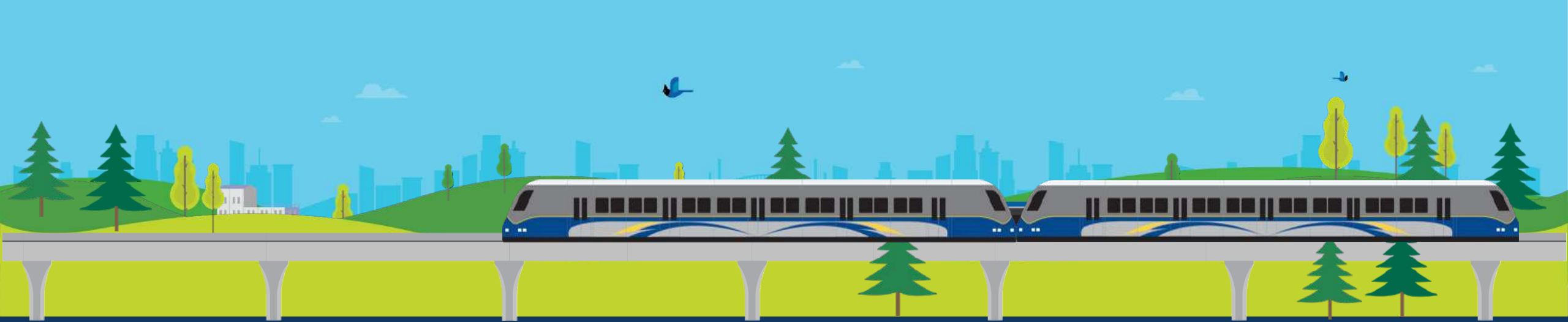
With approximately **\$1.63 billion** in available funding, subject to business case approval by senior governments, the project would be constructed in stages. Stage 1 would see the project built to 166 St in Fleetwood.



Planning for the Future

- The area south of the Fraser is one of the fastest-growing in the region
- Public transit is essential to help manage planned growth
- The Surrey Langley SkyTrain project is a key priority for the region and work continues to get this project shovel-ready
- This includes public engagement, which is an important part of our planning work





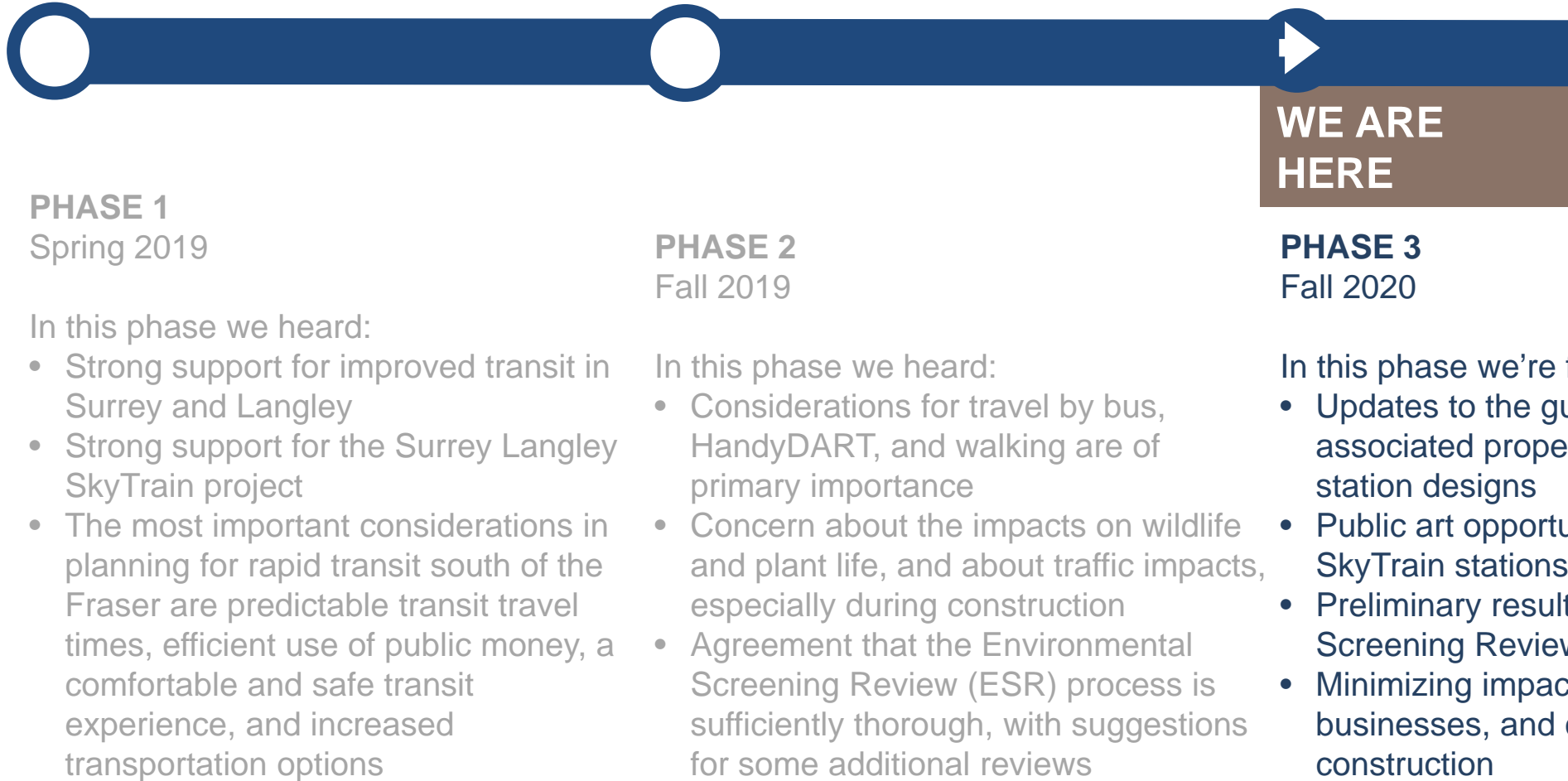
Public Engagement

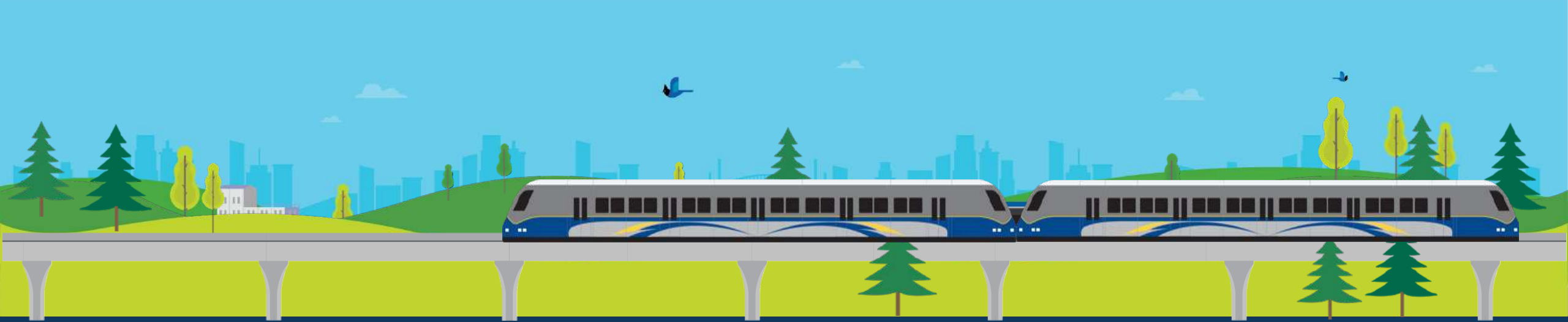


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What is this Engagement About?





Alignment and Stations



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Alignment Update & Property Requirements

We are working hard to understand and minimize the impacts of the project on people and property along Fraser Highway.

Generally speaking, it is expected that property will be required for:

- SkyTrain stations
- The SkyTrain guideway, which will run along the north, center, or south side of Fraser Highway
- Widening strips on the approaches to major intersections and
- Easements that provide temporary access to sites during construction

It is expected that the project will need a small number of full properties. All affected property owners will be contacted in due course. The goal is to reach a fair and equitable agreement for both parties.



To see the detailed alignment, please visit the Media Resources page at surreylangleyskytrain.ca



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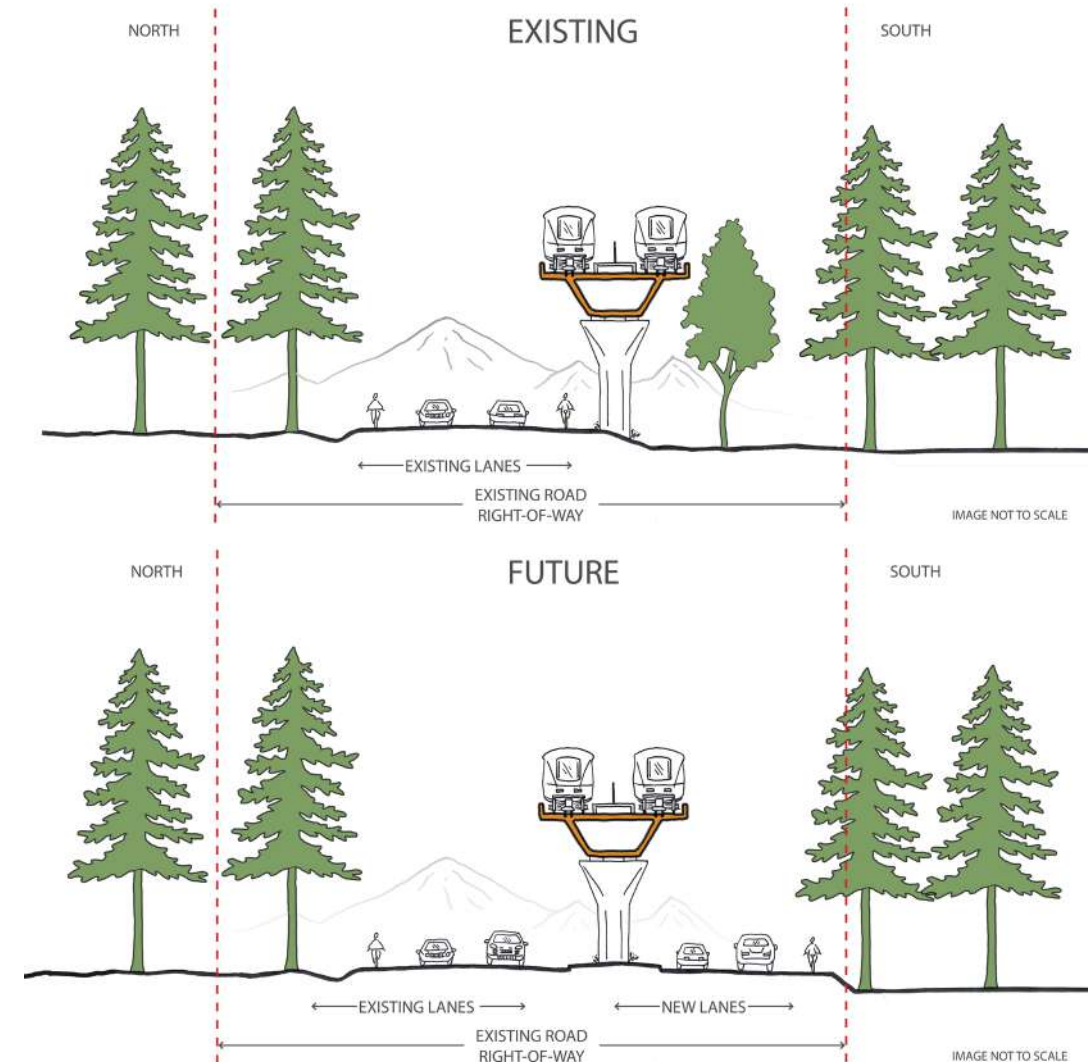


Road Widening

The Surrey Langley SkyTrain has been designed to fit within the existing road right of way along Fraser Highway.

On September 14, 2020, the City of Surrey approved the widening of Fraser Highway between 140 St and 148 St from two lanes to four lanes of vehicle traffic to accommodate current and future planned growth.

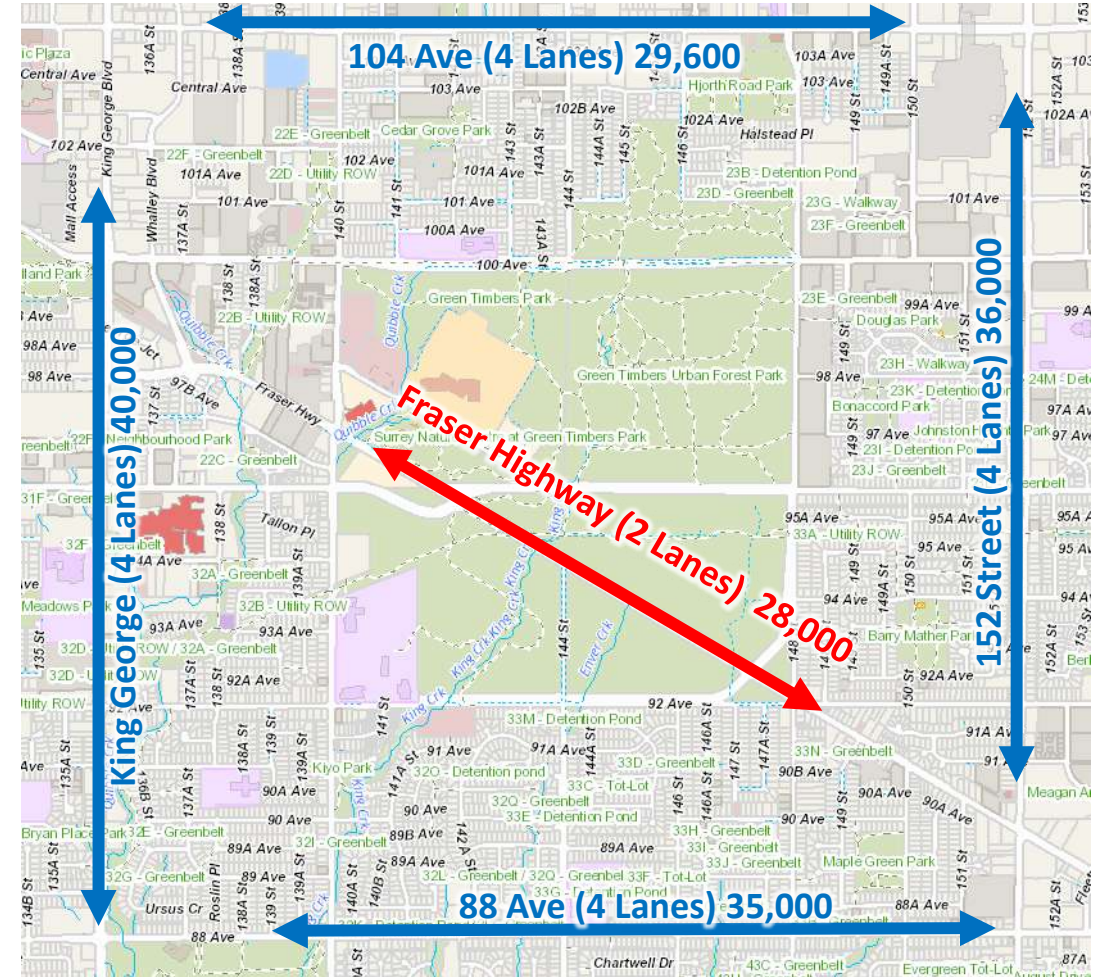
TransLink is committed to minimizing impacts on the natural and human environments and will look to combine City direction with the project's construction efforts.



Road Widening: Background

Fraser Highway is part of TransLink's Major Road Network (MRN), which prioritizes the movement of people and goods.

The segment of Fraser Highway between 140 and 148 Streets that runs through Green Timbers is one of the busiest two-lane roads in Surrey, with approximately 28,000 vehicles each week day.¹ It is busier than both 32 and 64 Avenues.



1. 2019 volumes

Road Widening: Understanding the Impacts

Additional analysis by the City will complement TransLink's Environmental Screening Review of the Surrey Langley SkyTrain project, which is already underway.

TransLink will work closely with the City of Surrey to develop:

- A coordinated traffic management plan
- An assessment and mitigation plan for fisheries and aquatics
- An assessment and mitigation plan for vegetation and wildlife, including an updated tree survey, and
- A supplemental Archaeological Impact Assessment on ground disturbance, as needed.

For more information, please visit www.surrey.ca/skytrain



Station Design Update

The following factors were considered in the decision-making process on where to build stations:

- Maximize potential ridership
- Maximize community and transportation connectivity
- Support land use planning
- Address technical requirements
- Minimize cost
- Minimize property impacts



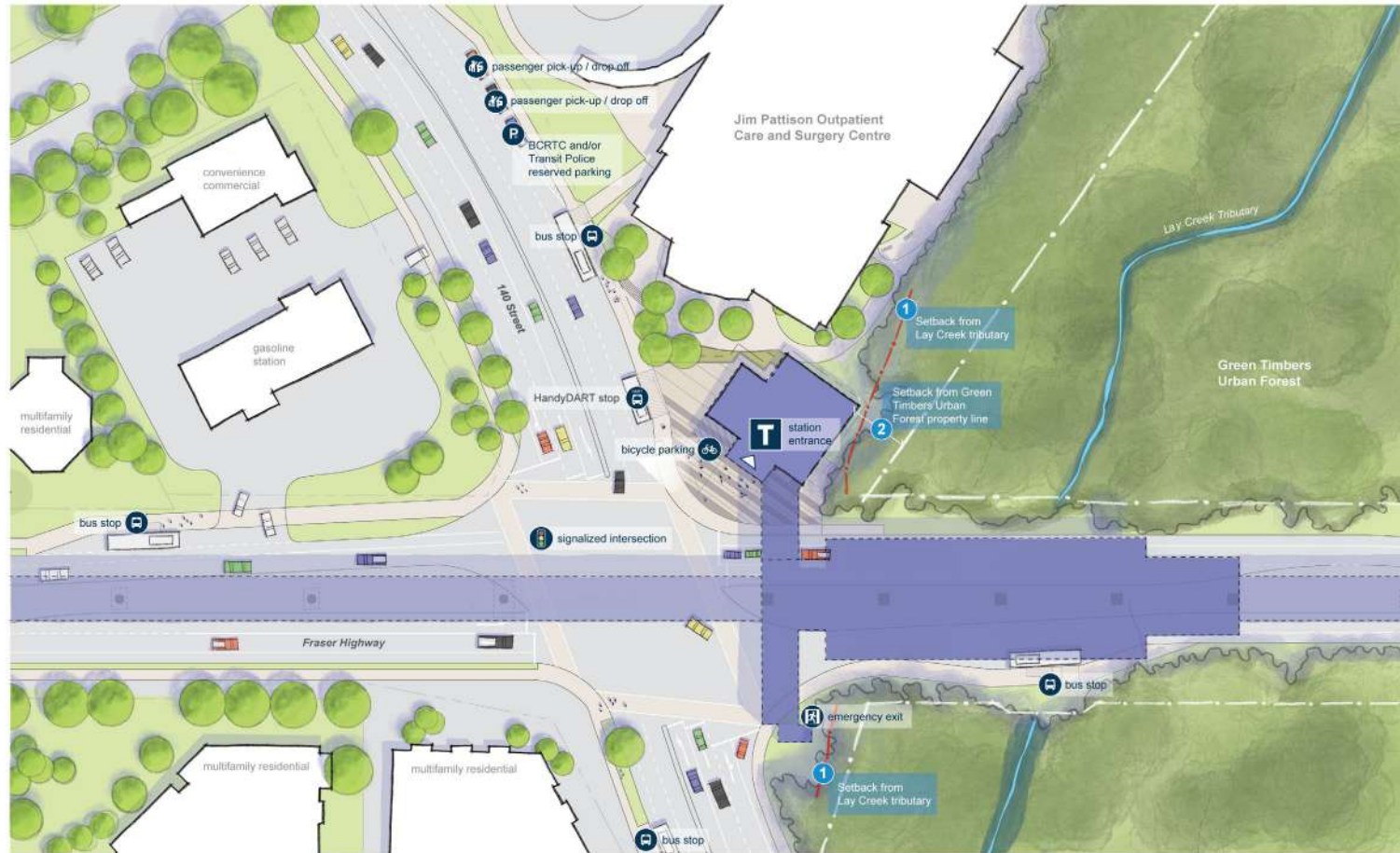
Station Design Update (cont'd)

Your feedback has helped to shape station design by:

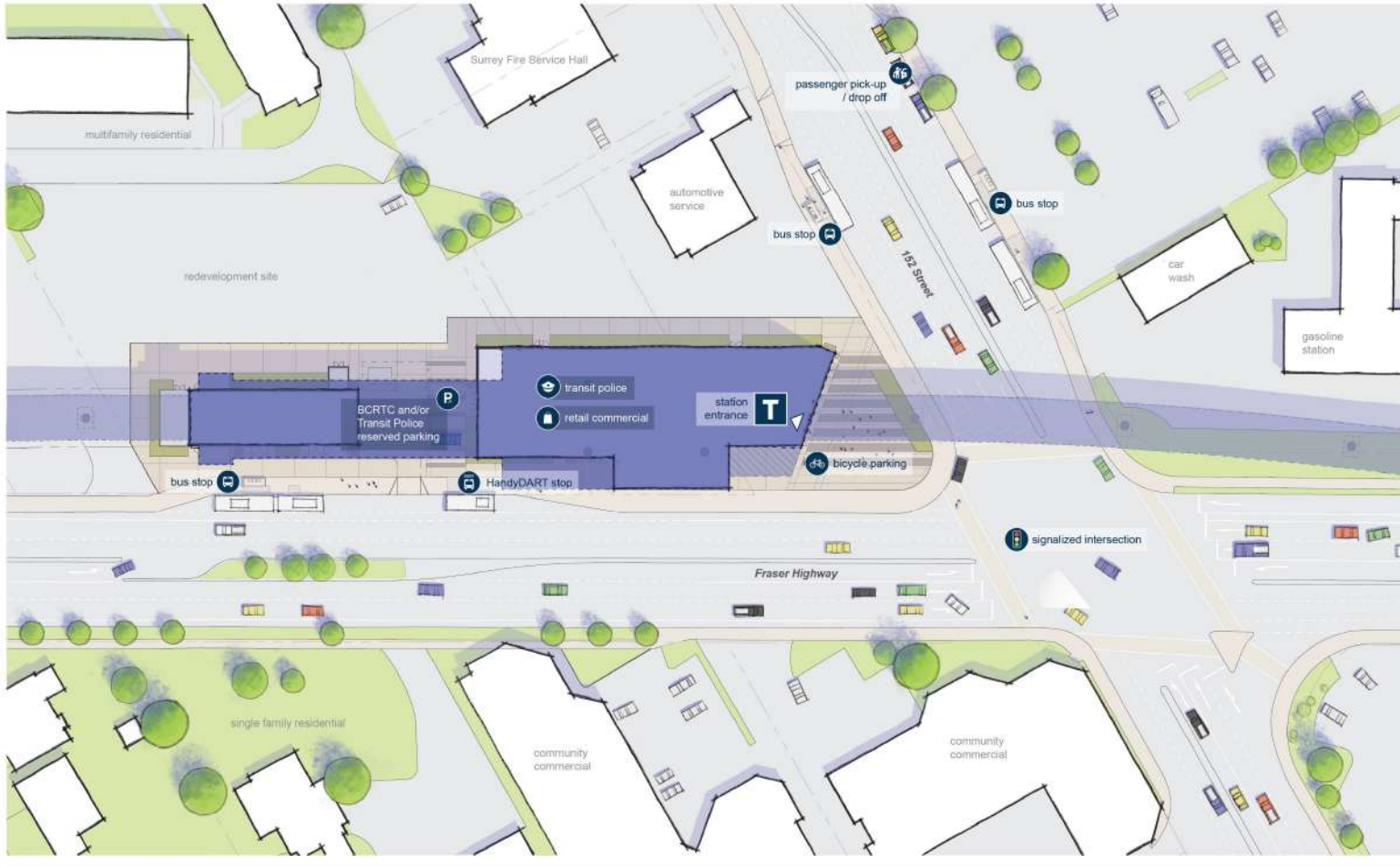
- Minimizing impacts on Green Timbers, such as:
 - Station footprint
 - Protecting fish habitat
 - Utilizing bird-friendly glazing and light fixtures
- Convenient connections to and from the SkyTrain by walking, cycling, and transit
- Designated spaces for passenger pick-up and drop-off
- 300 park-and-ride spaces for Stage 1
- Accessibility features at all our stations including hand rails, elevators, and up and down escalators
- Washrooms at key stations, as possible
- Safety and security features, including:
 - Abundant lighting, highly visible designated waiting areas, and CCTV cameras
 - A new Transit Police office at 166 St Station



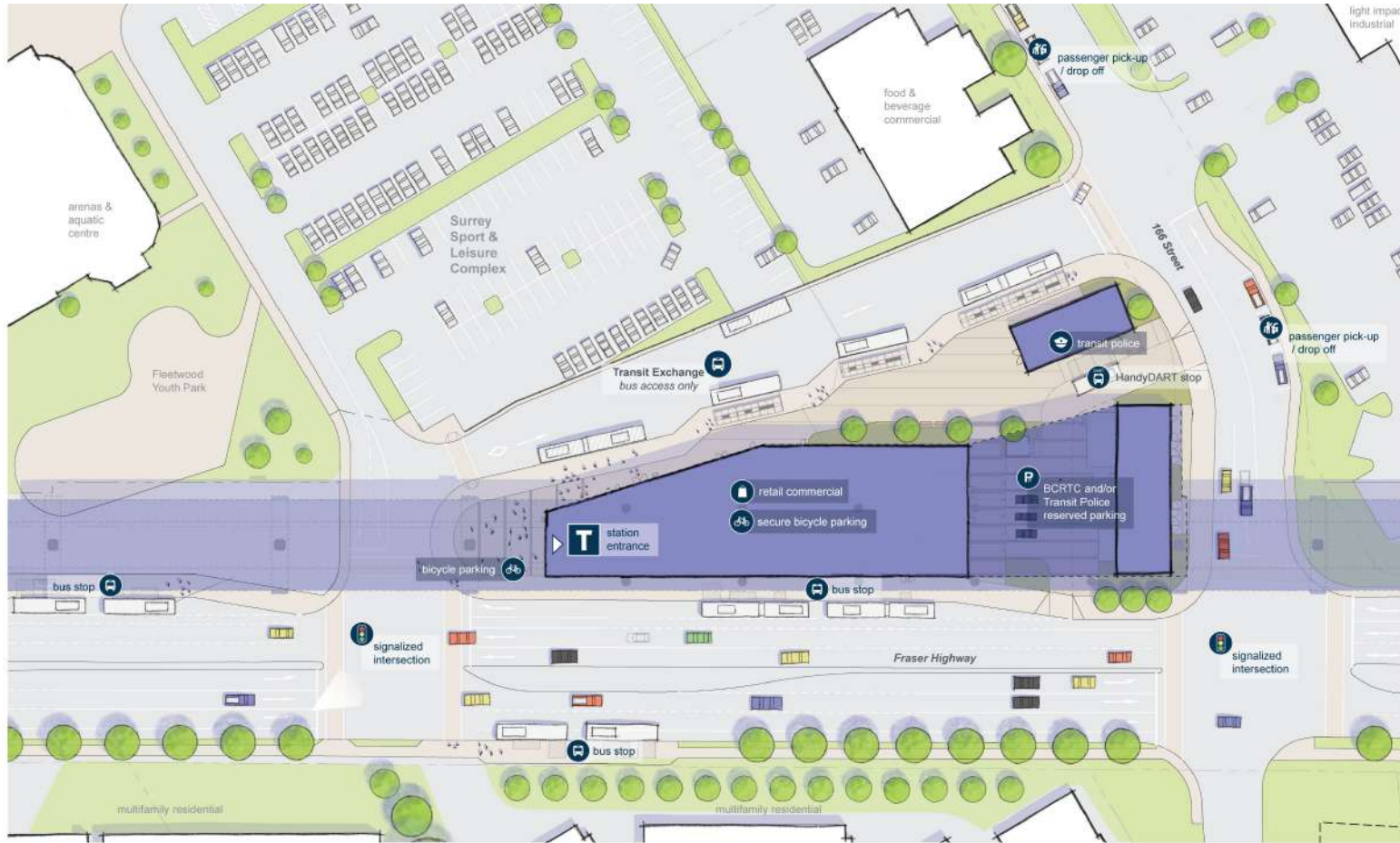
Conceptual Design of 140 St Station

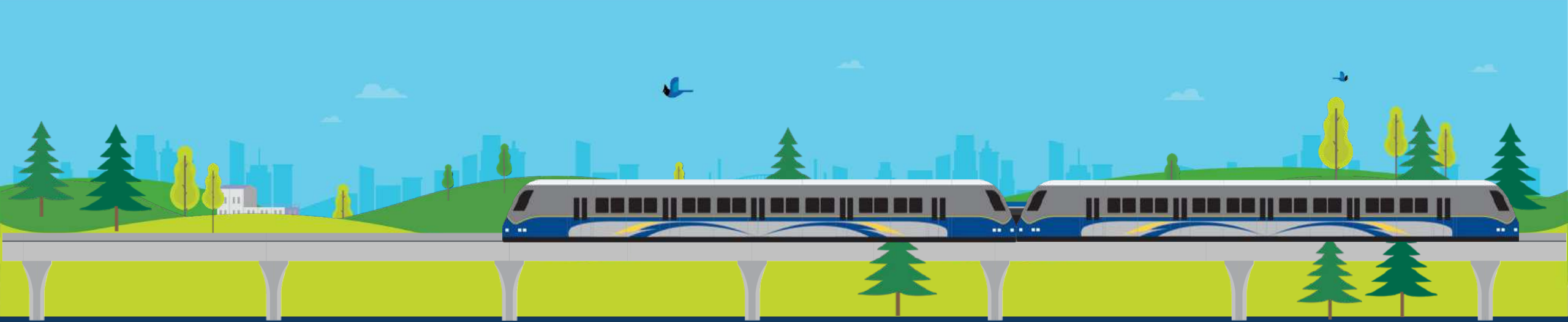


Conceptual Design of 152 St Station



Conceptual Design of 166 St Station





Environmental Screening Review



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Environmental Screening Review (ESR)

- The ESR helps to inform design and construction plans to mitigate effects on the community and environment.
- Feedback has been incorporated into the ESR, as appropriate.
- We continue to engage the City of Surrey, First Nations, and stakeholders on preliminary ESR findings.

Where we are at:

Completed:



Final Terms of Reference to outline information in the ESR Report



Baseline and technical studies to describe existing natural and human environment conditions

Underway:



ESR Report to outline the project's potential benefits and effects



Construction Environmental Management Plan and Operational Guidance to implement mitigation measures

What we heard:

- 93% of survey respondents thought that the ESR process is sufficiently thorough.
- Additional comments included interest in:
 - Trees in Green Timbers Urban Forest
 - Noise and light
 - Wildlife and aquatic habitats
 - SkyTrain's carbon footprint
 - Sustainable construction waste disposal
 - Meaningful engagement with First Nations
- Request for a visual assessment in the ESR process. As such, it has been included.

ESR – Next Steps

First Nations Engagement

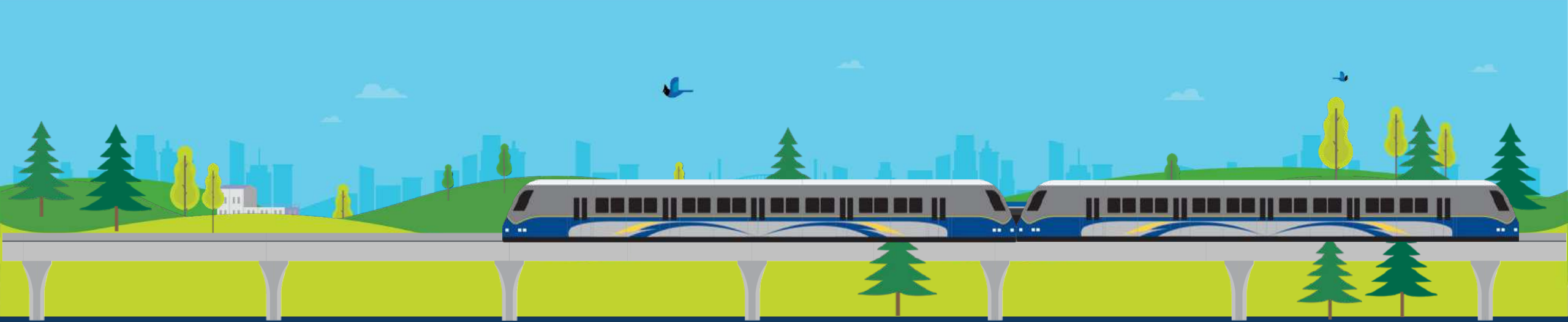
TransLink continues to meaningfully engage First Nations to seek their input, address matters in a timely manner, and provide opportunities to participate, including project-related studies.

Timeline

- ESR report findings available in early 2021
- Draft Construction Environmental Management Plan Framework available in early 2021.

To read the Final Terms of Reference or Summary Report, please visit the Document Library page at surreylangleyskytrain.ca





Construction



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Construction

Construction and testing of the Surrey Langley SkyTrain will take approximately four years and follow this sequence:



1. Utilities and Early Works

Relocate major utilities (i.e., BC Hydro transmission lines)



2. Piers

Construct guideway foundations and columns



3. Guideway

Construct the elevated guideway



4. Rail and Systems

Install guideway equipment, including rail, power, propulsion and supporting systems



5. Stations

Construct SkyTrain stations



6. Testing and Commissioning

Test system and trains

Traffic Management

A traffic management plan is designed to ensure safe and efficient movement of all commuters.

Key principles will include:

- Keep traffic moving
 - Cars/trucks: maintain through lanes
 - Pedestrians: maintain foot access
 - Cyclists: maintain bike routes or provide alternate
 - Transit: provide advance notice for service changes
- Provide advance notice of traffic pattern changes and alternate vehicle routes
- Monitor conditions and adjust, as required



Access Management

Construction will occur in stages along the Fraser Highway corridor. An access management plan will help maintain safe and reliable access to residences and businesses.

Key principles of the plan will include:

- Maintain at least one entry/exit point
- Provide alternate business parking areas, as possible
- Provide advance notice of changes
- Support access with wayfinding
- Monitor conditions and adjust, as required



Community and Business Relations

TransLink will develop, implement, and manage a robust community and business relations program to help manage construction impacts.

Principles:

- Ensure safety is paramount
- Communicate construction work, timeline, and impacts
- Minimize disruption and maximize predictability
- Maintain foot traffic during construction

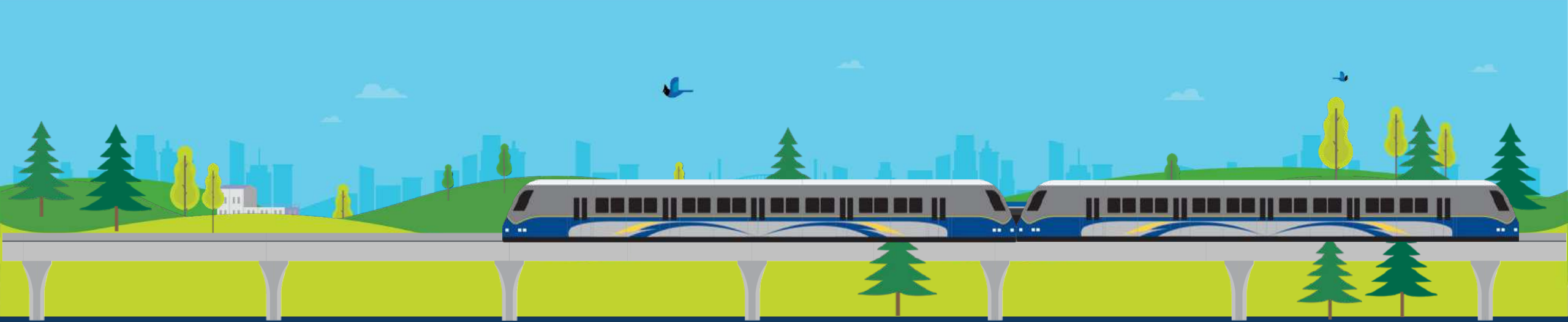


Construction Communications

To keep you informed, we will communicate through a variety of channels, which will include:

- Project website
- eNewsletter updates
- Social media (TransLink, City of Surrey, etc.)
- Newspaper, radio, and digital advertising
- Road signs
- Community information office and phone line



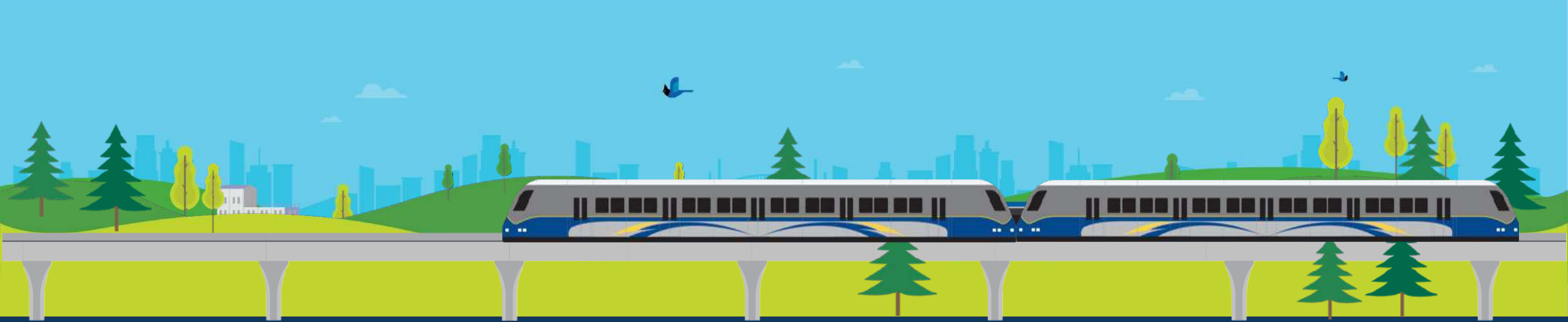


Next Steps



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Related Initiatives

- City of Surrey
 - Fleetwood Community Plan
 - Transportation Strategy
- BC Hydro
 - Power Lines Relocation



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Next Steps

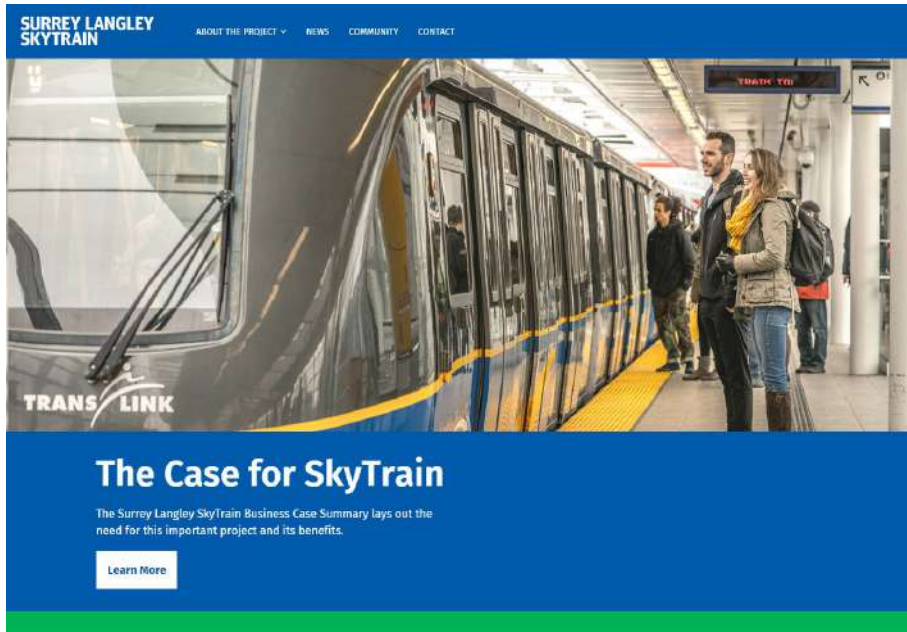
- Complete third round of public engagement
- Continue First Nations engagement
- Continue Environmental Screening Review
- Prepare for project approval by senior governments



How to Participate



Until October 4, we invite you to learn more and complete a survey online at:
www.surreylangleyskytrain.ca



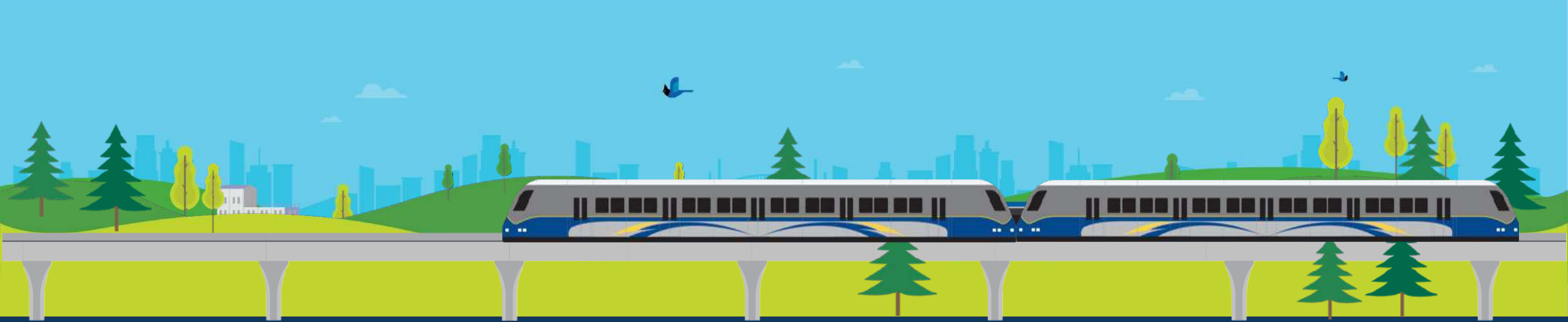
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- Participate in our **Telephone Town Hall:**
Wednesday, September 23 | 7 – 8 pm



- Attend a **webinar:**
Thursday, September 24 | 2 – 3 pm

For details, please visit
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Thank You!



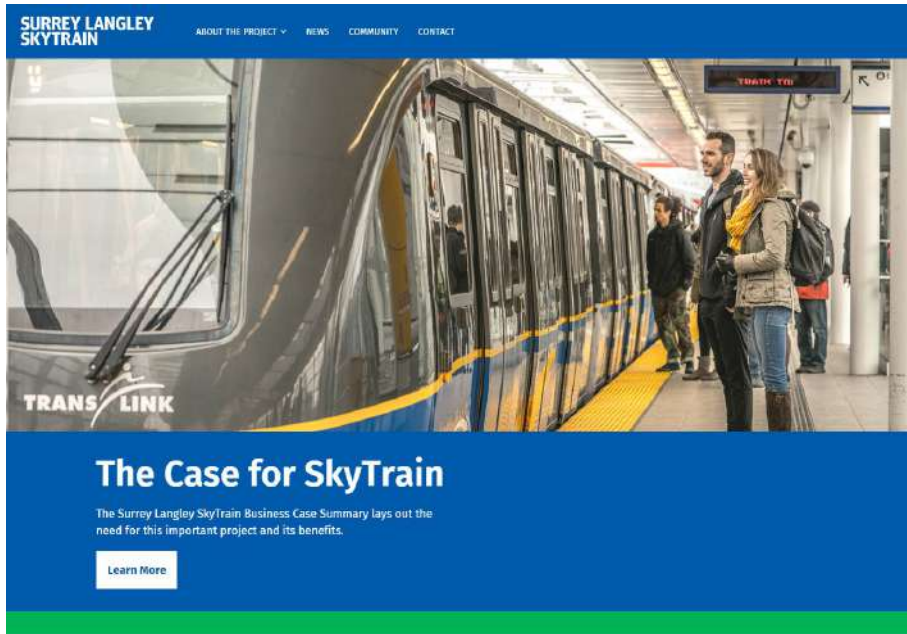
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