

Welcome!



SURREY LANGLEY SKYTRAIN AND PLANNING FOR RAPID TRANSIT SOUTH OF THE FRASER



Please sign in, learn more from our staff and displays, and share your ideas.



You can also complete a survey and sign up for eNewsletter updates at: surreylangleyskytrain.ca



Let your friends know engagement is open until **April 26.**

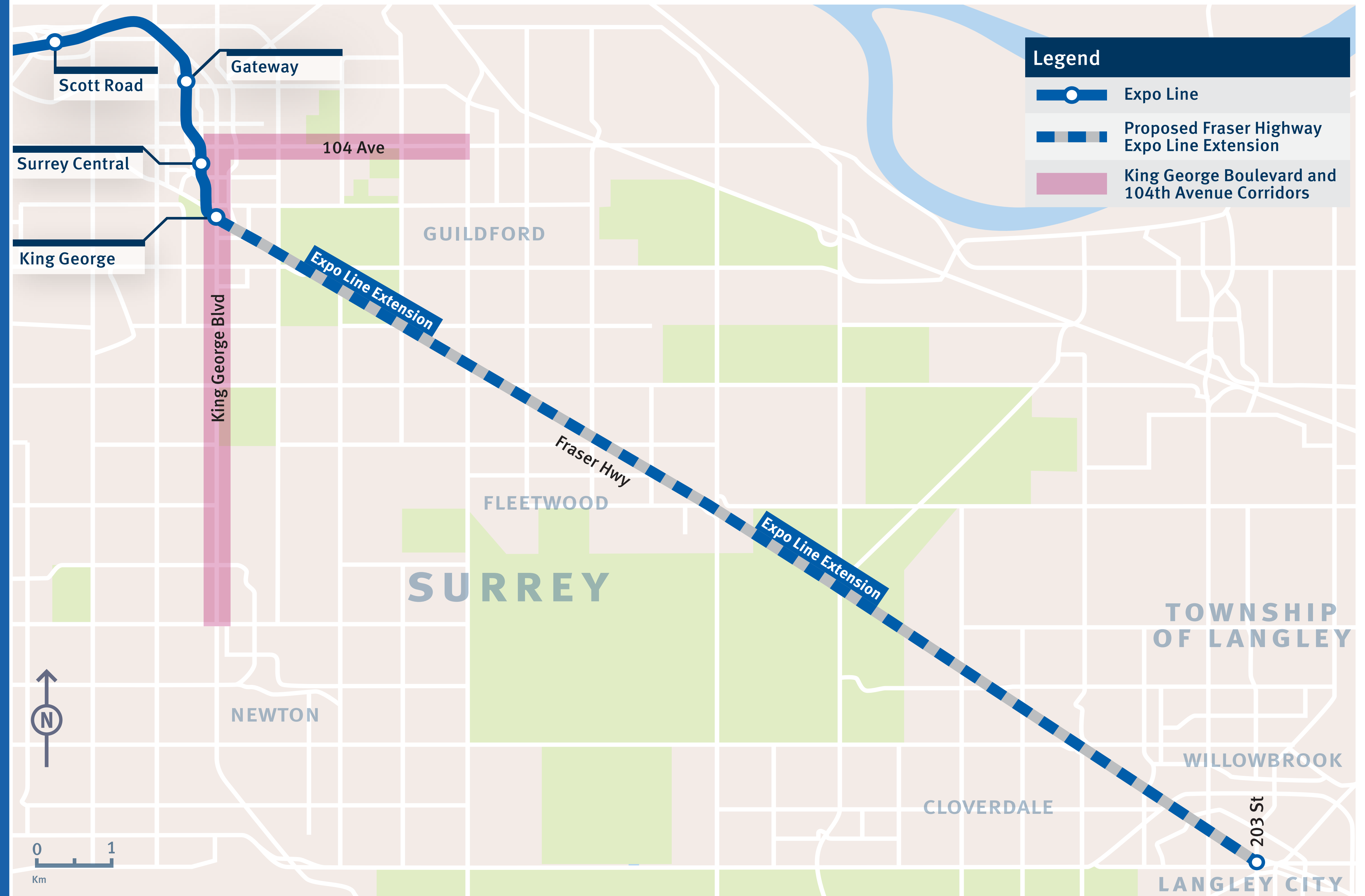


What is this engagement about?

In 2014, the regional **Mayors' Council** identified **27-kilometres of rapid transit** on three corridors south of the Fraser as a priority.

We need your feedback on:

- **Extending the SkyTrain** 16-kilometres along Fraser Highway, from King George Station in Surrey to Langley City.
- **Transit options for the 104th Avenue and King George Boulevard** corridors.



Your Thoughts / Key Considerations

As part of this engagement, we are collecting feedback on the following:

1. Priorities, opportunities, considerations and level of support for a **Surrey Langley SkyTrain**.
2. Priorities, opportunities, and considerations for **rapid transit options on the 104th Avenue and King George Boulevard corridors**.
3. **Values** to weigh options for rapid transit.

This feedback will help to inform the update we provide the Mayors' Council in July 2019.

Later this spring we will ask you more about possible options for the 104th Avenue and King George Boulevard corridors.





Select Survey Questions



Prior to today, **how familiar were you with the Mayors' Council 10-Year Vision** that calls for 27-kilometres of rapid transit on the 104th Avenue, King George Boulevard, and Fraser Highway corridors?

Very familiar

Somewhat familiar

Not very familiar

Not at all familiar

Prior to today, **how familiar were you with the proposed Surrey Langley SkyTrain?**

Very familiar

Somewhat familiar

Not very familiar

Not at all familiar

What is your level of **support for the proposed Surrey Langley SkyTrain?**

Very supportive

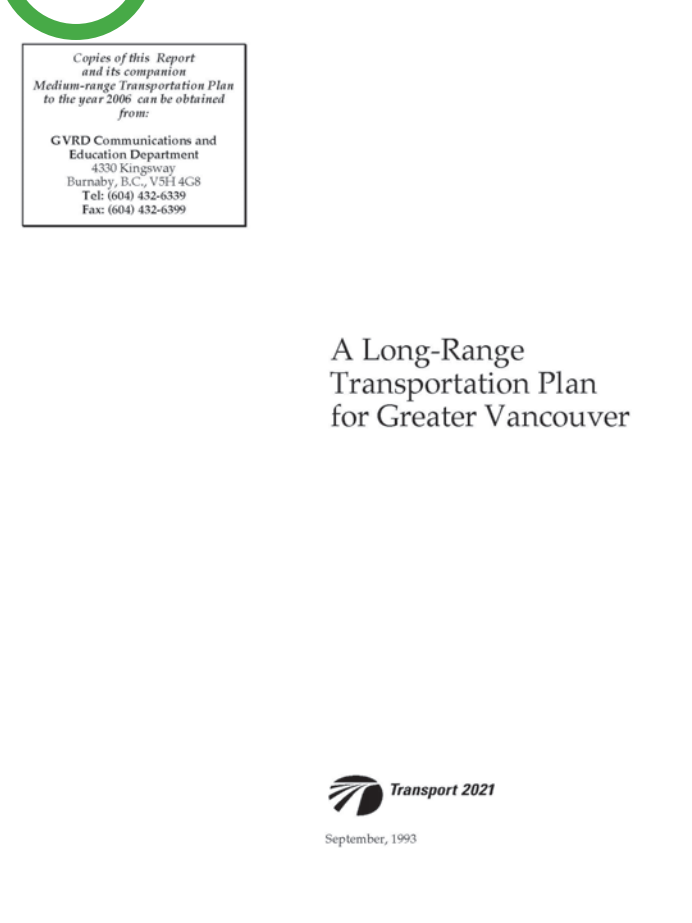
Somewhat supportive

Not very supportive

Not at all supportive

How did we get here?

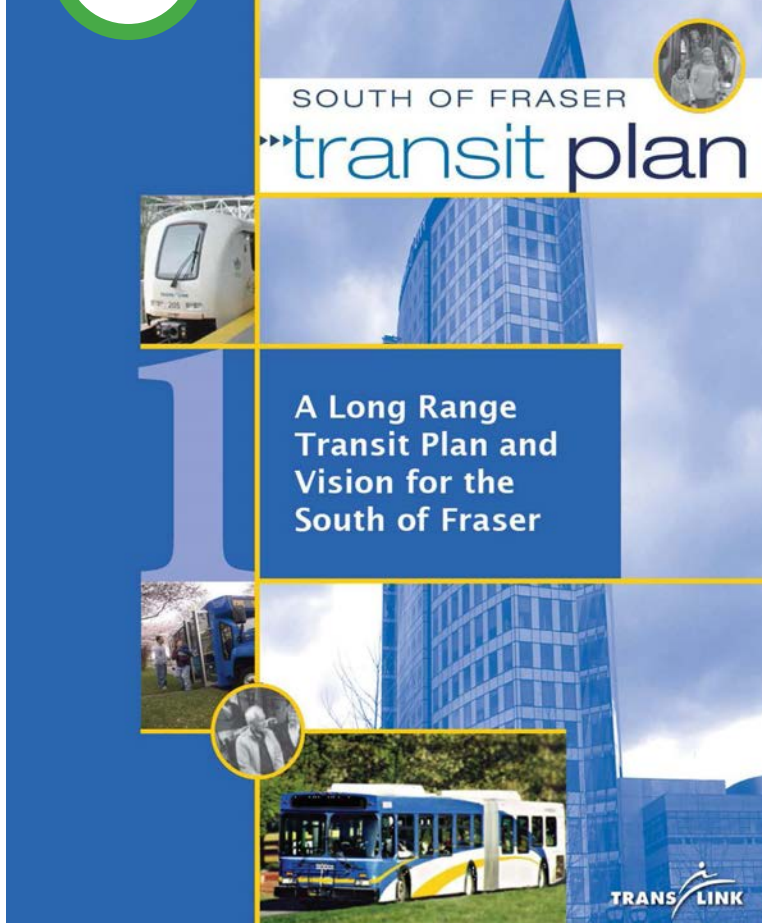
1



Transport 2021 (1993)

Identifies the need for rapid transit south of the Fraser

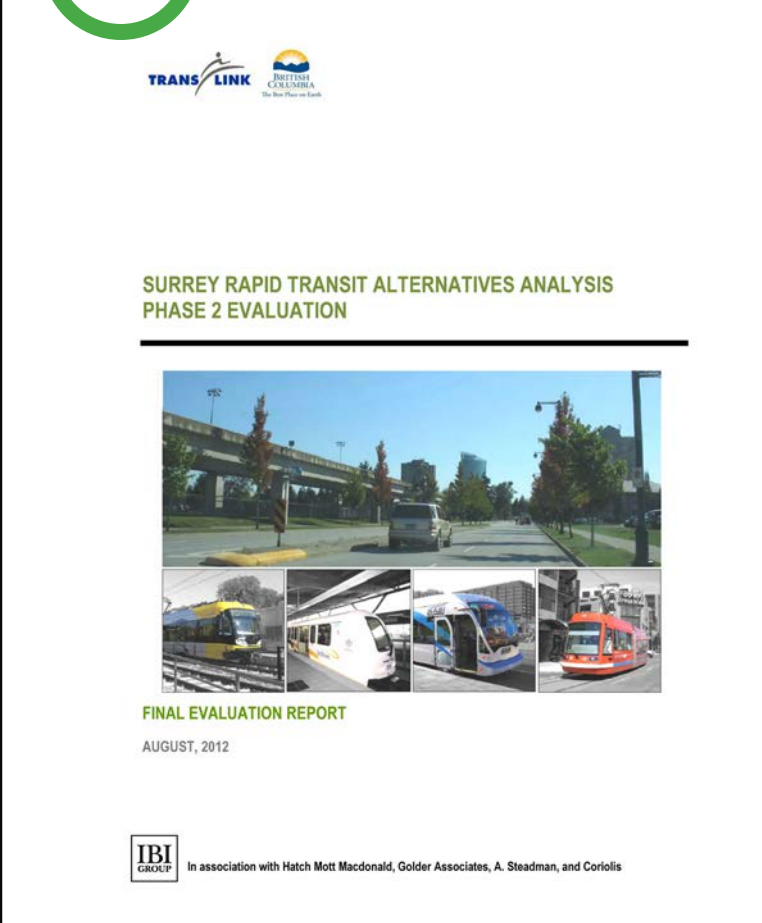
2



South of Fraser Area Transit Plan (2007)

Proposes rapid transit on 104th Avenue, Fraser Highway and King George Boulevard

3



Surrey Rapid Transit Strategy (2009-2012)

Examines more than 1000 combinations of rapid transit along the three corridors and recommends four alternatives

December 13, 2018

Following a request from a newly-elected Surrey City Council, the Mayors' Council directs TransLink to suspend work on the Surrey-Newton-Guildford LRT, begin planning for SkyTrain along Fraser Highway, and refresh the plan for rapid transit on the 104th Avenue and King George Boulevard corridors, consistent with the 10-Year Vision for 27-kilometres of rapid transit.

4



10-Year Vision for Transportation in Metro Vancouver (2014)

Includes 27-kilometres of Light Rail Transit (LRT) on the three corridors

5



Phase 2 of the 10-Year Investment Plan (2018)

Allocates \$1.6 billion to build LRT on 104th Avenue and King George Boulevard and \$30 million to plan for LRT on Fraser Highway



Surrey Langley SkyTrain: Next Steps



Between January and July 2019 TransLink will carry out detailed work on the following:

- Design concept, including station locations
- Cost estimates
- Draft business case
- Transit network integration and station access
- Environmental and Socio-Economic Review



Protecting the Environment

Surrey Langley SkyTrain Environmental and Socio-Economic Review (ESR)

The proposed Surrey Langley SkyTrain project does not require a formal federal or provincial Environmental Assessment.

TransLink is committed to a thorough Environmental and Socio-Economic Review that includes identifying impacts and mitigation measures, in collaboration with First Nations and the City of Surrey, City of Langley and Township of Langley.

Stay tuned for opportunities to comment on the ESR process.

The Environmental and Socio-Economic Review Process



1

Describe the existing conditions and identify potential effects of the Project.



2

Study those effects and evaluate how much impact they will have.



3

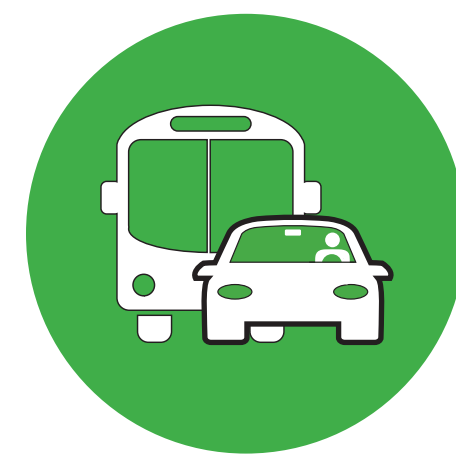
Identify “mitigation measures”, or actions to avoid or reduce potential negative effects.



4

Develop construction and operations requirements that the project contractors will have to meet.

Project studies include



Traffic & Transportation



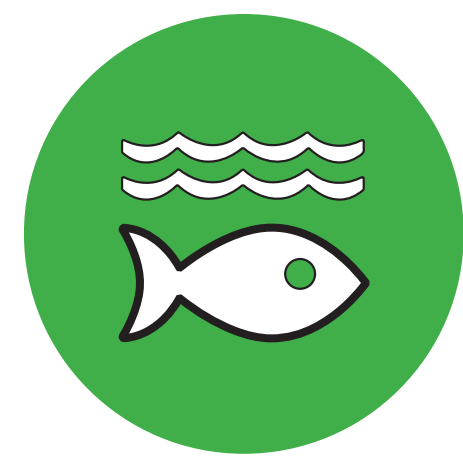
Community & Neighbourhoods



Archaeological & Heritage Resources



Employment & Economy



Fisheries & Aquatics



Vegetation & Wildlife Resources



Noise & Vibrations



Air Quality & Greenhouse Gases



Environmental Remediation

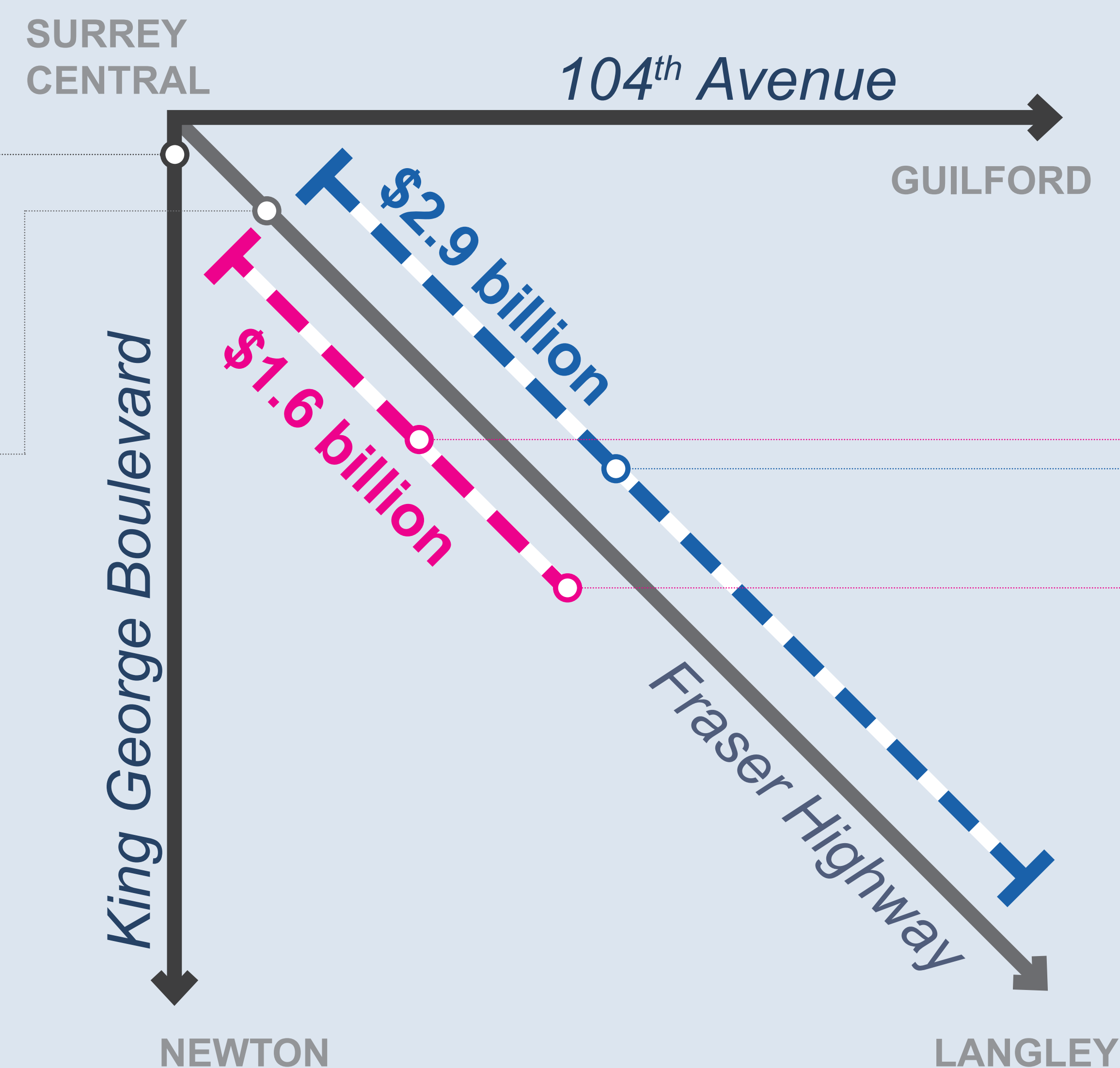
How is 27-kilometres of rapid transit being funded?

The Mayors' 10-Year Vision called for 27-kilometres of LRT to be built in phases along three priority corridors.

As part of the first phase, **\$1.6 billion was secured in May 2018 to begin building LRT** along 104th Avenue and King George Boulevard.

As part of the second phase, **LRT on Fraser Highway was estimated to cost \$1.9 billion in 2017.** Discussions were underway on how to secure funding for this project.

In total, it was anticipated that 27-kilometres of rapid transit along these three corridors would cost approximately \$3.5 billion.



Pending approval by the Mayors' Council and federal and provincial governments, the already committed **\$1.6 billion is available to begin construction of the Surrey Langley SkyTrain.**

In 2017, cost estimates put construction of the complete Surrey Langley SkyTrain at \$2.9 billion.

TransLink is in the process of determining how far along the Fraser Highway the line could be constructed with \$1.6 billion.

Additional funding is required to complete the SkyTrain extension to Langley, and to bring rapid transit to the 104th Avenue and King George Boulevard corridors.

Public transit options

B-Line



- B-lines are a precursor to other forms of rapid transit
- High-frequency, low-floor articulated buses running on compressed natural gas or electricity
- Operates in the street in dedicated lanes or mixed traffic

B-Line service can be implemented with minimal infrastructure, but has the lowest capacity and speed of these options.

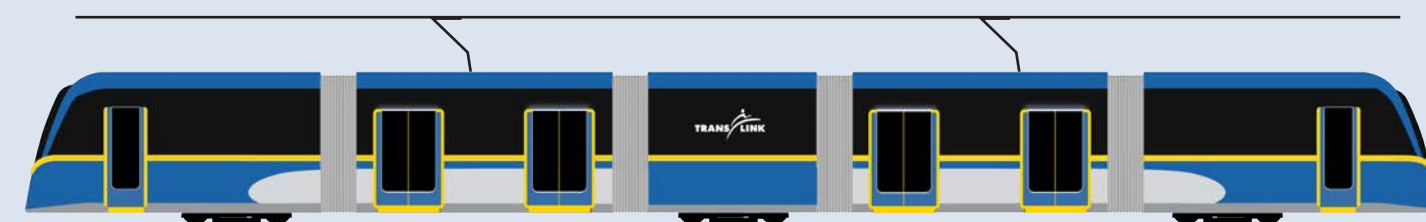
Bus Rapid Transit (BRT)



- High-frequency, low-floor articulated buses running on compressed natural gas or electricity
- Operates in the street in dedicated lanes separated from other traffic
- Signal priority at intersections

Full BRT requires dedicated road space for reserved lanes.

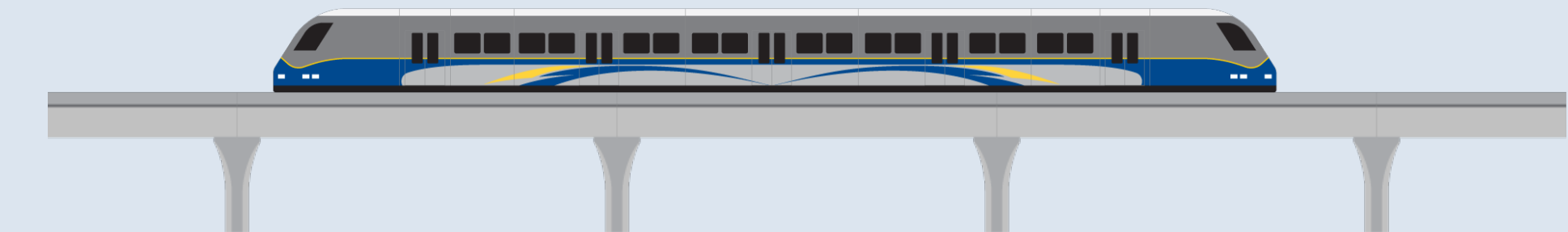
Light Rail Transit (LRT)



- High-frequency, electrically-powered rail vehicles
- Operates in the street in dedicated lanes separated from other traffic
- Signal priority at intersections

LRT would require its own vehicle fleet with its own maintenance and storage facilities somewhere along the alignment. This means that the line needs to be approximately 10-kilometres in length (i.e. the length of both the 104th Avenue and King George Boulevard corridors combined) to justify building a new facility.

SkyTrain



- High-frequency, electrically powered, automated rail vehicles
- Operates separated from traffic, usually elevated or underground or fenced off at surface level
- No interaction with other traffic
- Would operate as an extension (branch) of the Expo Line

Service levels and fleet requirements to be confirmed.

What are the options for 104th Avenue and King George Boulevard?

Considering the proposed 16-kilometre Surrey Langley SkyTrain and current funding expectations (\$3.5 billion), the following are options for the remaining 11-kilometres on the 104th Avenue and King George Boulevard corridors.

| Technology | Consistent with the Vision for 27km of rapid transit | Achievable for \$3.5 billion |
|------------|------------------------------------------------------|------------------------------|
| B-Line | No | Yes |
| BRT | Yes | Possibly |
| LRT | Yes | No |
| SkyTrain | Yes | No |

Later this spring, we will provide you with additional information and ask you for feedback on possible options.





Evaluating options for 104th Avenue and King George Boulevard



Values help cities weigh options and make decisions about investments in transit infrastructure.

Please pick your **top three values**

Is there anything else that we should consider?

- **Predictable transit travel time** that helps me get to my destination faster
- A **comfortable and safe** experience when I use transit
- Increased **transportation options** that help me choose bus, SkyTrain, SeaBus, and HandyDART over private vehicle use
- **Pedestrian and cycling connections** to transit services
- **Reliable driving time** when I drive for work or pleasure
- The **efficient movement of goods and services**
- **Economic development and job growth**
- **Access to businesses and community facilities** during construction
- Technology choices that help **limit climate change** and my exposure to air pollutants
- Efficient use of **public money**
- **Protection of green space**
- **Reduced urban sprawl**
- **Affordable and desirable community living** with transit access to jobs and recreation.

Other transit plans south of the Fraser

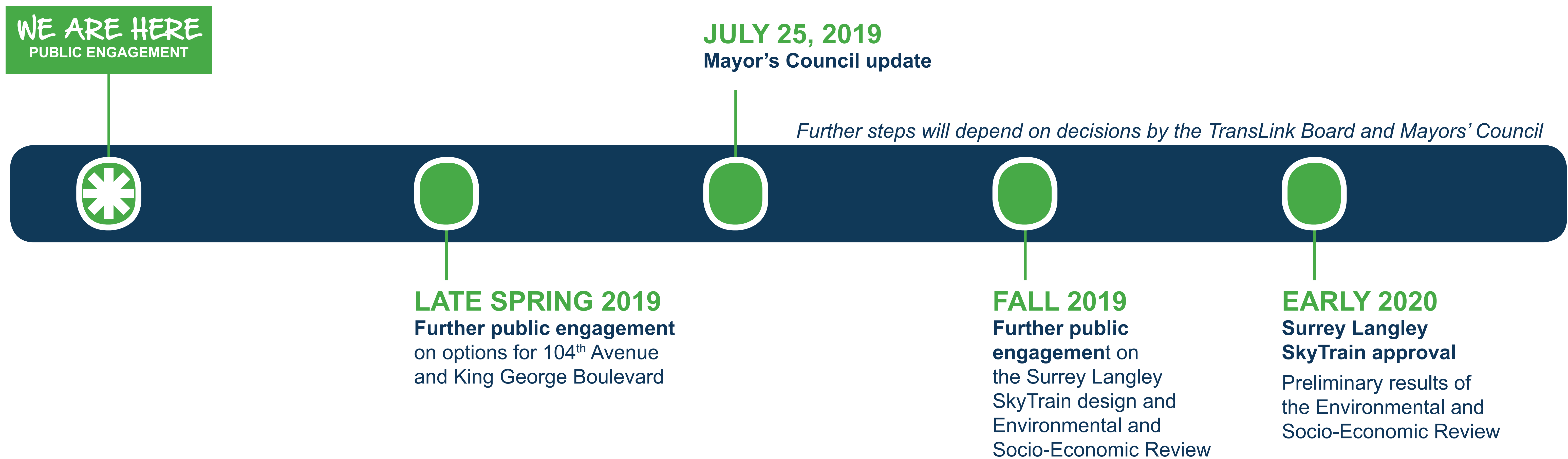
With the proposed Surrey Langley SkyTrain, resources intended for a B-Line service along Fraser Highway will be directed toward improving existing local bus service, such as 502, 503 and 96 B-Line.

New B-Lines are planned for:

- Scott Road to Newton via 120th Street
- White Rock Centre to Newton via King George Boulevard and 152 Street



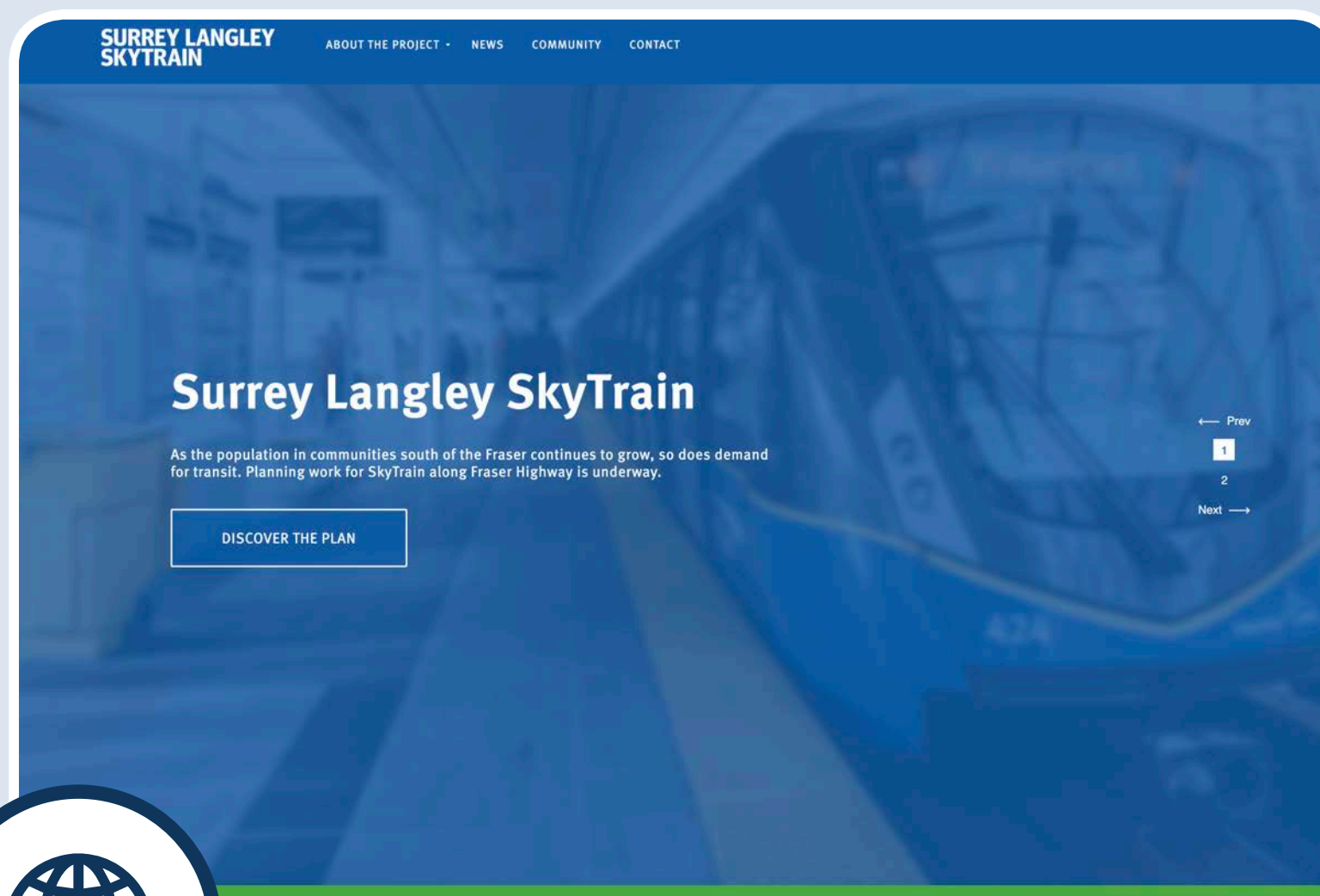
Timeline – Moving Forward



How to Get Involved



Until April 26, we invite you to complete a survey:



online at
www.surreylangleyskytrain.ca



or at one of our four open houses:

Thursday, April 11 | 3-8 pm
Langley City Hall
20399 Douglas Crescent, Langley

Monday, April 15 | 3-8 pm
Surrey Sport and Leisure Complex
#100-16555 Fraser Hwy, Surrey

Tuesday, April 16 | 3-8 pm
Surrey City Hall
13450 104 Ave, Surrey

Wednesday, April 17 | 3-8 pm
Newton Seniors' Centre
13775 70 Ave, Surrey

We hope to see you at one of the open houses!



You'll also find us at:

Surrey's Party for the Planet
Saturday, April 13

Surrey Vaisakhi Parade
Saturday, April 20, and

select transit hubs in Surrey and Langley throughout the engagement period

Come chat with us!

Stay Informed!



Stay informed by checking:

www.surreylangleyskytrain.ca

where you can register to receive eNewsletter updates, including about future engagement opportunities.



You may send us comments and questions at:

surreylangleyskytrain@translink.ca

Thank you for participating!



Visit www.surreylangleyskytrain.ca



Complete the survey



Join our mailing list

