

# SURREY-NEWTON-GUILDFORD LIGHT RAIL TRANSIT PROJECT DESIGN CONSULTATION



## About the Project

Surrey-Newton-Guildford LRT will connect Guildford, Surrey City Centre and Newton and serve some of Surrey's major employment, education and commercial destinations.

- 10.5 kilometres long
- 11 planned stops
- Street-level track in dedicated right-of-way
- No-step, level boarding accessible for all riders
- Driver operated
- More than 18 million riders per year (year 2045)
- Travel time from Guildford to Newton: 27 minutes

**Consultation is underway for the next stage of planning. From June 13 to July 7, TransLink and the City of Surrey are seeking input and feedback on:**

- LRT operations, including access and network connections
- LRT stop designs and features
- Roadway and transit integration
- Environmental interests and inputs
- Minimizing construction impacts



## Project Benefits



### REDUCES CONGESTION

More people using public transit means fewer vehicles on the road.



### INCREASES TRANSIT NETWORK CAPACITY

LRT can add or remove train cars to meet long-term ridership demand to 2045 and beyond.



### HELPS TRANSFORM COMMUNITIES

LRT will create integrated, pedestrian-friendly communities along two of Surrey's busiest corridors. LRT revitalizes urban neighbourhoods, attracting developers who want to build near public transit and people who want to live near transit.



### PROTECTS THE ENVIRONMENT

LRT runs on electricity, with no operating emissions, reducing greenhouse gases and the region's dependency on fossil fuels.



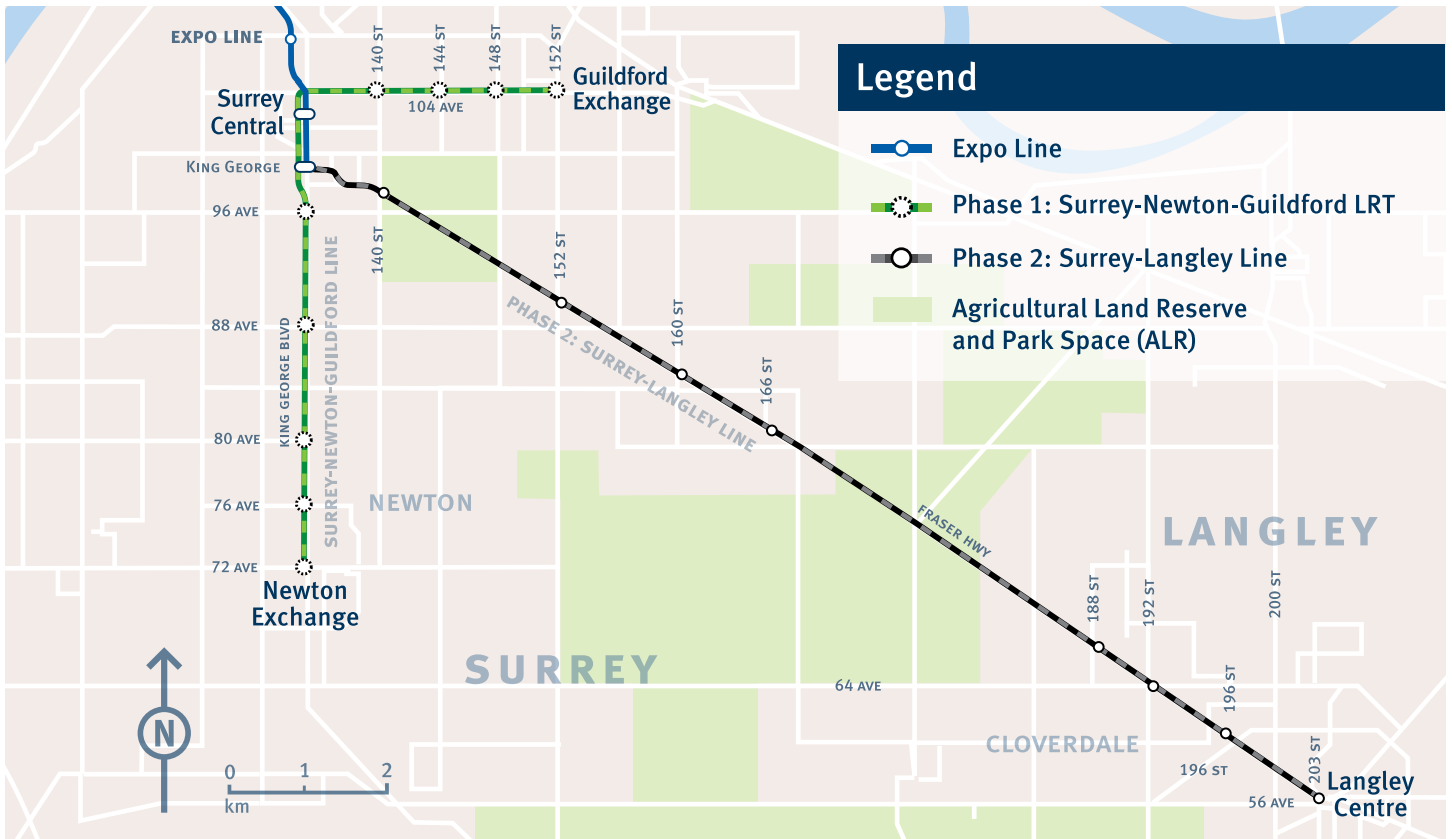
### CREATES JOBS AND ATTRACTS EMPLOYMENT

LRT will diversify Surrey's economy by attracting highly-skilled jobs in education, technology and health services. More than 3,500 direct jobs and 2,000 indirect jobs are forecast to be created.



### MEETS THE CITY AND REGIONAL VISION

The project is part of the Mayors' Council Vision and Surrey's Official Community Plan.



## Project Background

Planning for rapid transit south of the Fraser traces back as far as the 1960s, but the first specific plan was created in 1993. Called *Transport 2021*, the plan set forth a transit-focused regional transportation network that would minimize reliance on the private automobile. Since then, TransLink, Surrey and senior governments, in consultation with the public, have continued to develop more detailed plans, culminating in the 2014 Regional Mayors' Vision for 27 km of light rail transit along King George Boulevard, 104 Avenue and Fraser Highway.

For more information about the planning history, please visit the project website at [translink.ca/surreylrt](http://translink.ca/surreylrt).

Consultation has been a key part of planning for the Surrey-Newton-Guildford LRT. This stage of consultation is the fourth major consultation input opportunity. Additional opportunities are tentatively planned for fall 2017.

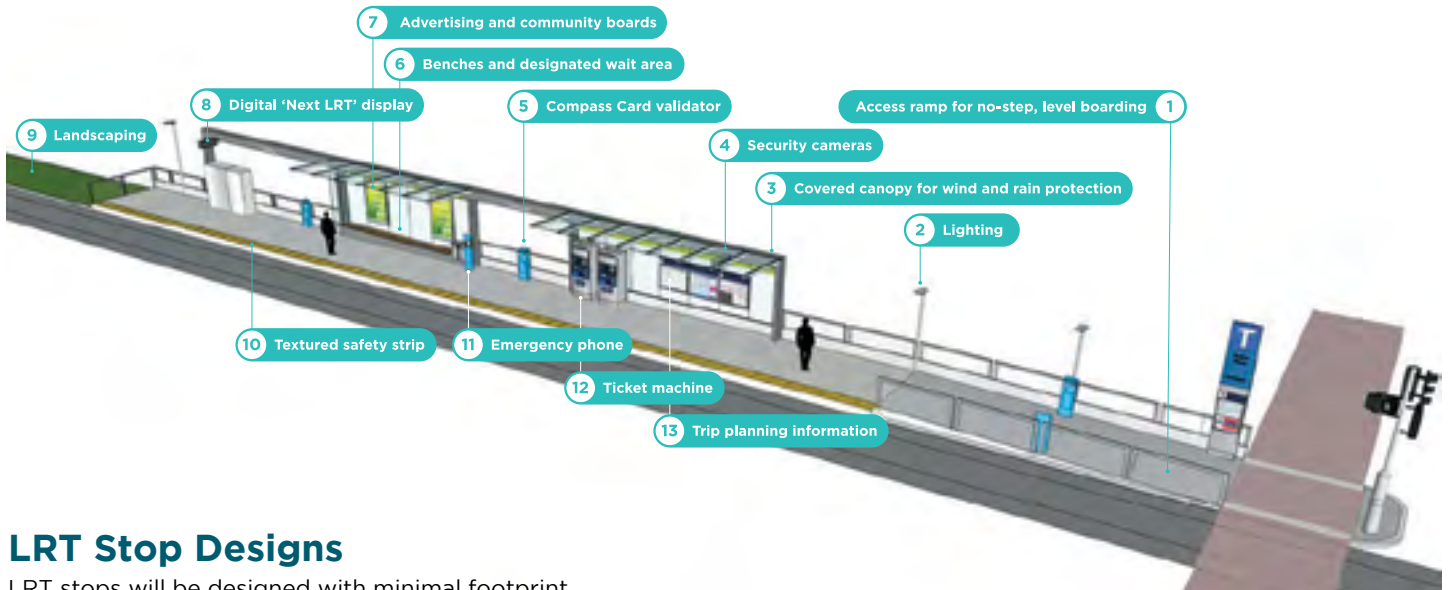
## Building and Expanding the Integrated Transit Network

Surrey-Newton-Guildford LRT will build upon significant increases in regional multi-modal transportation as part of TransLink's 10-Year Investment Plan. This investment provides important upgrades and transit service improvements.

- Infrastructure improvements including upgrades to transit exchanges at Guildford and Newton.
- Bus service improvements on key routes.
- New B-Line bus service on Fraser Highway.
- Replace 96 B-Line with LRT, offering more frequent service and more passenger capacity.
  - LRT will offer seamless connections to improved pedestrian and cycling networks at LRT stops.
  - Local bus service will continue, providing passengers the access they enjoy today and ability to serve shorter distance stops.
  - Optimize other bus routes to meet the LRT at key cross streets to help provide Surrey with maximum transit coverage. Planning for these changes will take place closer to opening day.

*Please use the feedback form to tell us what transit routing considerations are of most interest to you.*





*Illustrated example only, side platform stop*

## LRT Stop Designs

LRT stops will be designed with minimal footprint, blending seamlessly into the community. Clear sightlines and street-level access will make it easier to see and go to retail areas and other destinations.

Wind/rain shelters and other features like lighting, cameras and emergency call boxes will help provide a safe environment for passengers. Wide ramps to platforms will make it easy for passengers of all ages and abilities to access the stops. Real-time wayfinding information will provide travel and wait times as well as maps to help users plan their journey.

*Please use the feedback form to tell us what LRT stop features are of most interest to you.*

## Minimizing Construction Impacts

During construction, the following kinds of management and mitigation measures are planned:

### Traffic and Transportation

- Provide safe and accessible pedestrian crossings
- Minimize detours to bike routes
- Prioritize transit service, including minimizing route detours
- Dedicate staff to respond to traffic challenges
- Early and frequent notice of changes
- Keep traffic moving on the corridors and alternate routes

### Business and Community

- Maintain continuous, safe access to homes and businesses
- Maintain business visibility from the street
- Develop strategies to minimize and manage noise, dust and vibration



*Please use the feedback form to tell us how you would like to be informed during construction.*

## Protecting the Environment

TransLink and the City of Surrey are committed to a thorough environmental and socio-economic review and reporting process, including studying potential environmental effects and identifying mitigation measures. Consultation with First Nations is underway, and more detailed environmental consultation with communities will follow in fall 2017.



### Project studies will include:

**Traffic and transportation** – potential effects to all modes of traffic as a result of changes in traffic patterns and volumes arising from the new transportation infrastructure

**Community and neighbourhoods** – changes to population, neighbourhood character, parks and public spaces and community infrastructure and services

**Archaeology and heritage resources** – potential for alterations to historic indigenous people's settlements and activities in the area

**Private property** – land required for project and changes in access to private property

**Employment and economy** – change in employment, land use and commercial activity

**Fisheries and aquatic resources** – potential effects to resident and migratory fish and aquatic life, and their habitat

**Vegetation and wildlife resources** – changes in vegetation adjacent to surface watercourses and parks and potential effects to the habitats of birds, small mammals and urban wildlife

**Noise and vibration** – changes in noise during construction/operation and potential for construction/operation to cause ground vibrations

**Air quality** – predicted benefits of project for greenhouse gas emissions and criteria air contaminants, as well as management of dust and emissions during construction

**Contaminated sites** – identification of sites with known or suspected soil historical contamination and potential effects to groundwater or surface water if these areas are disturbed during construction

*Please use the feedback form to tell us what environmental considerations are of most interest to you.*

## Next Steps

The next stage of consultation will take place in fall 2017 and will focus on the environmental and socio-economic review. Once all funding is secured, the project will proceed to detailed design and construction (2023 target date for opening).

### To get ready for construction, some early work will take place starting in 2017 and 2018:

- Planning and construction for upgrades to Guildford Exchange and Newton Exchange.
- Planning and construction of Bear Creek Bridge replacement.
- Surrey will work with BC Hydro to raise power lines on 104 Avenue and King George Boulevard, to provide clearance for future LRT overhead wires.
- Surrey will relocate watermains and storm sewer drains on 104 Avenue.
- Geotechnical investigations.

Please complete and return a feedback form by **July 7, 2017**

**Online survey:** [translink.ca/surreylrt](http://translink.ca/surreylrt)

**Email:** [surreylrt@translink.ca](mailto:surreylrt@translink.ca)

**For more project information,**

**visit:** [translink.ca/surreylrt](http://translink.ca/surreylrt)