

**PUBLIC ENGAGEMENT**  
SHARE YOUR VOICE SHAPE OUR CITY

# WELCOME

## CENTRE LIGHT RAIL TRANSIT (LRT) STUDY

Edmonton

For more information or to share your voice please:

🌐 [www.edmonton.ca/centrelrtstudy](http://www.edmonton.ca/centrelrtstudy)

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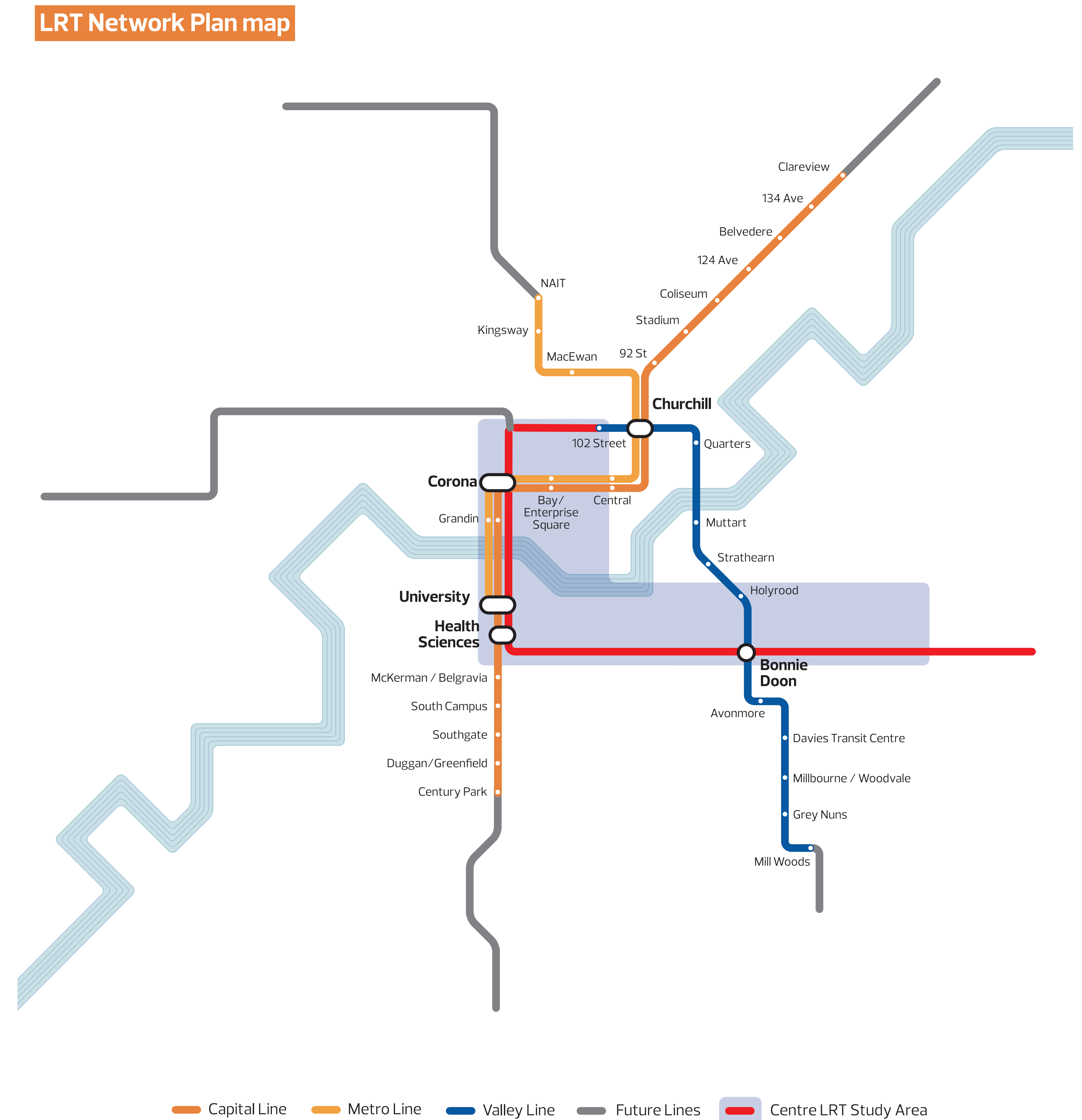


# BACKGROUND: LRT

The City's Municipal Development Plan *The Way We Grow* and Transportation Master Plan *The Way We Move* identify the need to better align transportation with land use to:

- Support density and employment
- Create sustainable and healthy communities
- Conserve the natural environment
- Reinforce Edmonton as a great place to work, live and visit

A Centre LRT route identified in the City's LRT Network Plan will provide opportunities for seamless connections between Downtown, the Alberta Legislature, the University of Alberta, Strathcona, Bonnie Doon, east Edmonton and the wider LRT network.





# BACKGROUND: WHY LRT?



As Edmonton grows and neighbourhoods continue to change, both in size and in population, there will be greater demand for more housing options, supporting facilities, amenities and services. This presents both challenges and opportunities for Edmonton's transportation network and communities.

To help ensure future growth is sustainable and contributes to the vibrancy and prosperity of Edmonton and its communities, this study will focus on:

- **Transportation and land use integration** Ensuring LRT is focused around and aligned to land use.
- **Access and mobility** Ensuring access to key destinations and connections to other travel modes.
- **Sustainability** Ensuring LRT enhances and creates sustainable, livable communities.
- **Economic vitality** Ensuring LRT provides an economic benefit to the neighbourhoods and their businesses.

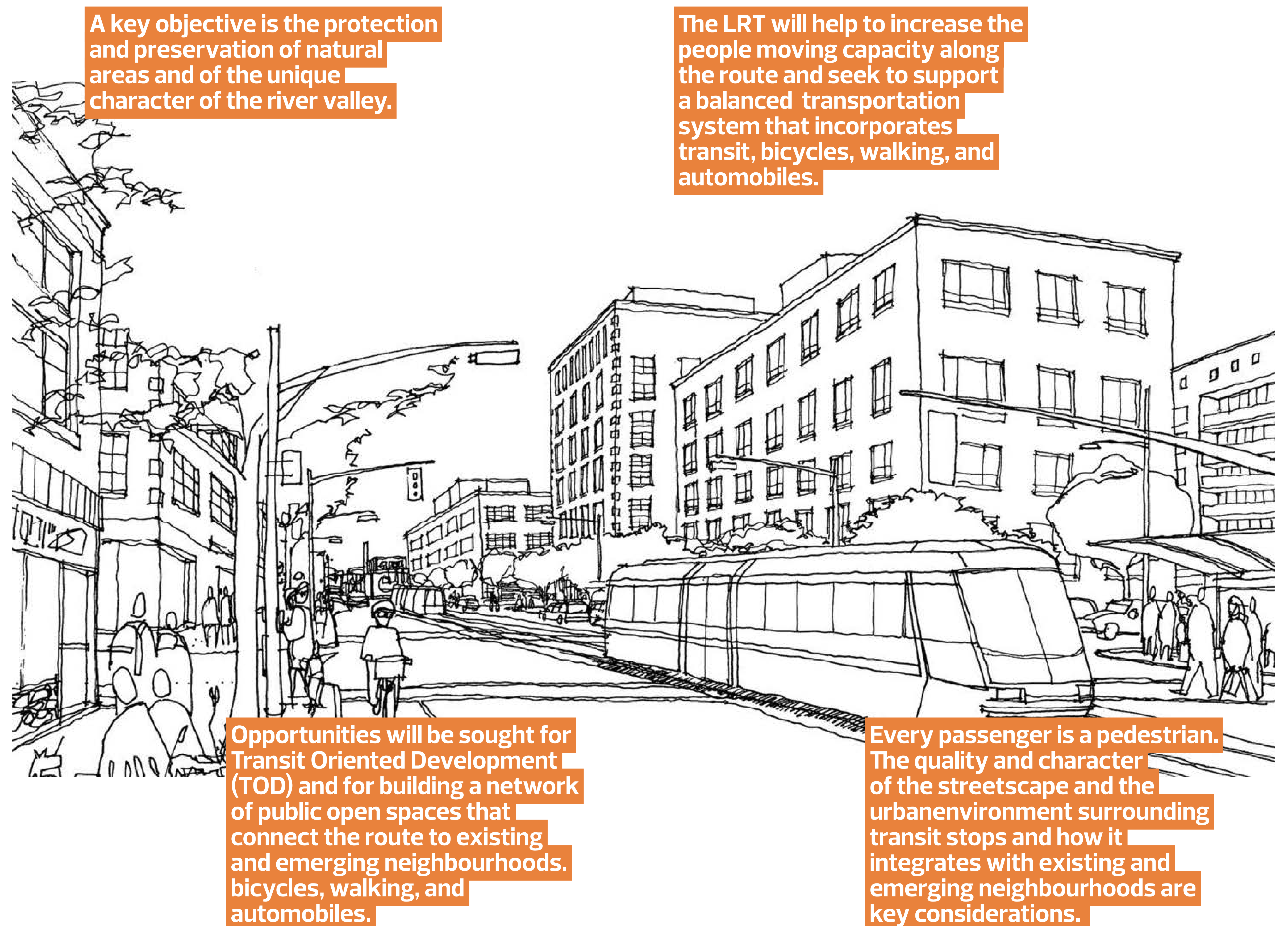


# CITY BUILDING

City Building means putting in place the infrastructure and public spaces that allow for the managed and sustainable growth of the city.

Working with existing and emerging neighbourhoods to round them out as 'complete communities' – where people can realize the activities of their every day within manageable travel distances, and with travel options.

Supporting the livability and wellbeing of communities and of the economy through strategic investment that will act as catalysts.





# WHAT IS THE CENTRE LRT STUDY?

Now is the time to **SHARE YOUR VOICE**

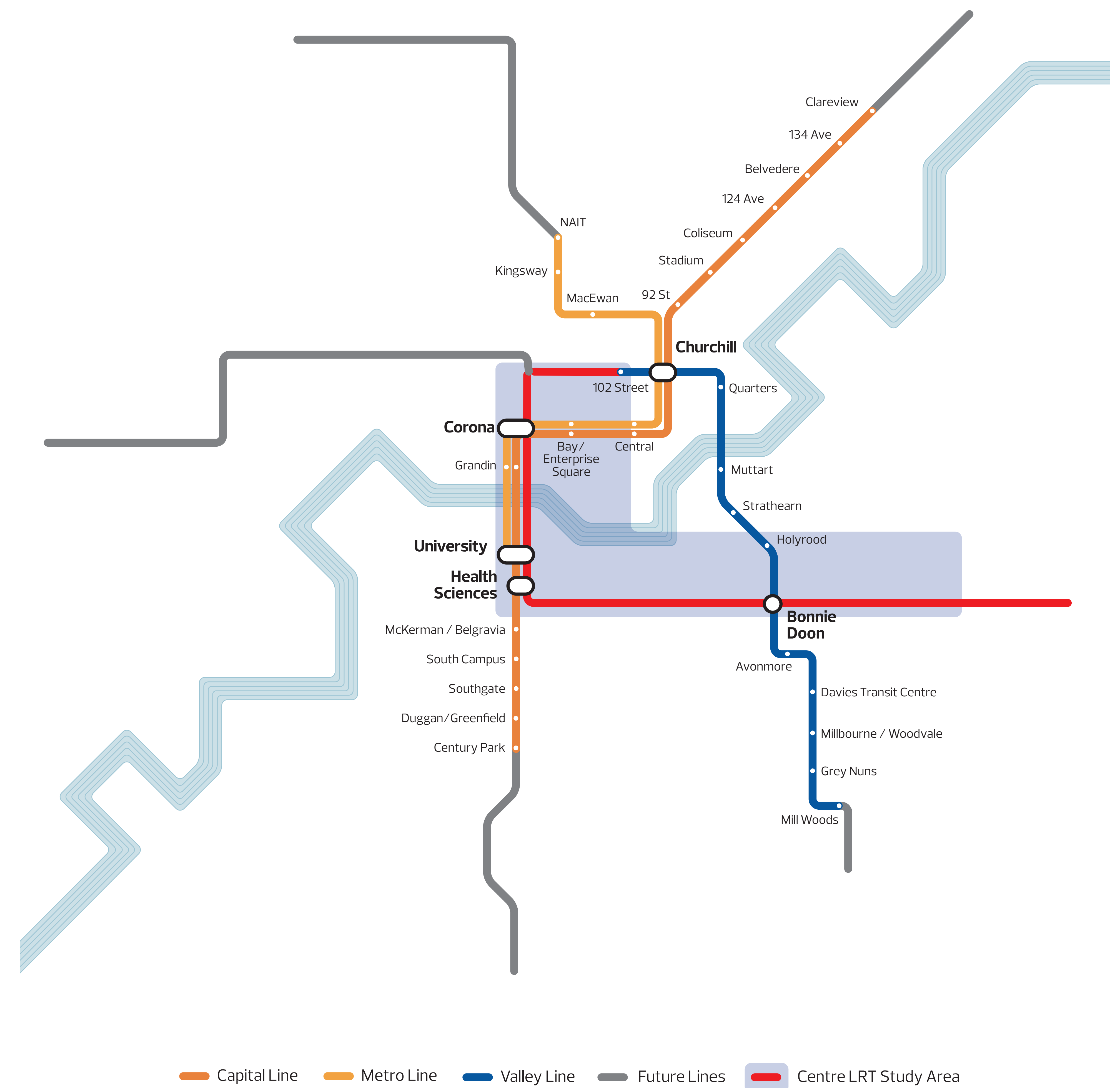
The Centre LRT Study will determine the best new LRT route to connect Strathcona, Downtown, Bonnie Doon and east Edmonton.

## What we know:

- It will be a low-floor system with street level stops
- It will travel in its own lane
- It will flow with traffic at street speed limits
- It will connect with the Valley Line in the Bonnie Doon area and Downtown
- It will cross the river

## What we need to determine:

- Route location – the streets and avenues it will travel down
- Stop locations – where the stops make the most sense
- Track alignment – where the tracks fit in the roadway (right/left/center)





# PROJECT OVERVIEW & OUTCOMES



## Purpose

Identify preferred route for a low-floor LRT system linking Strathcona, Downtown, Bonnie Doon and east Edmonton – *(Ongoing 2017)*

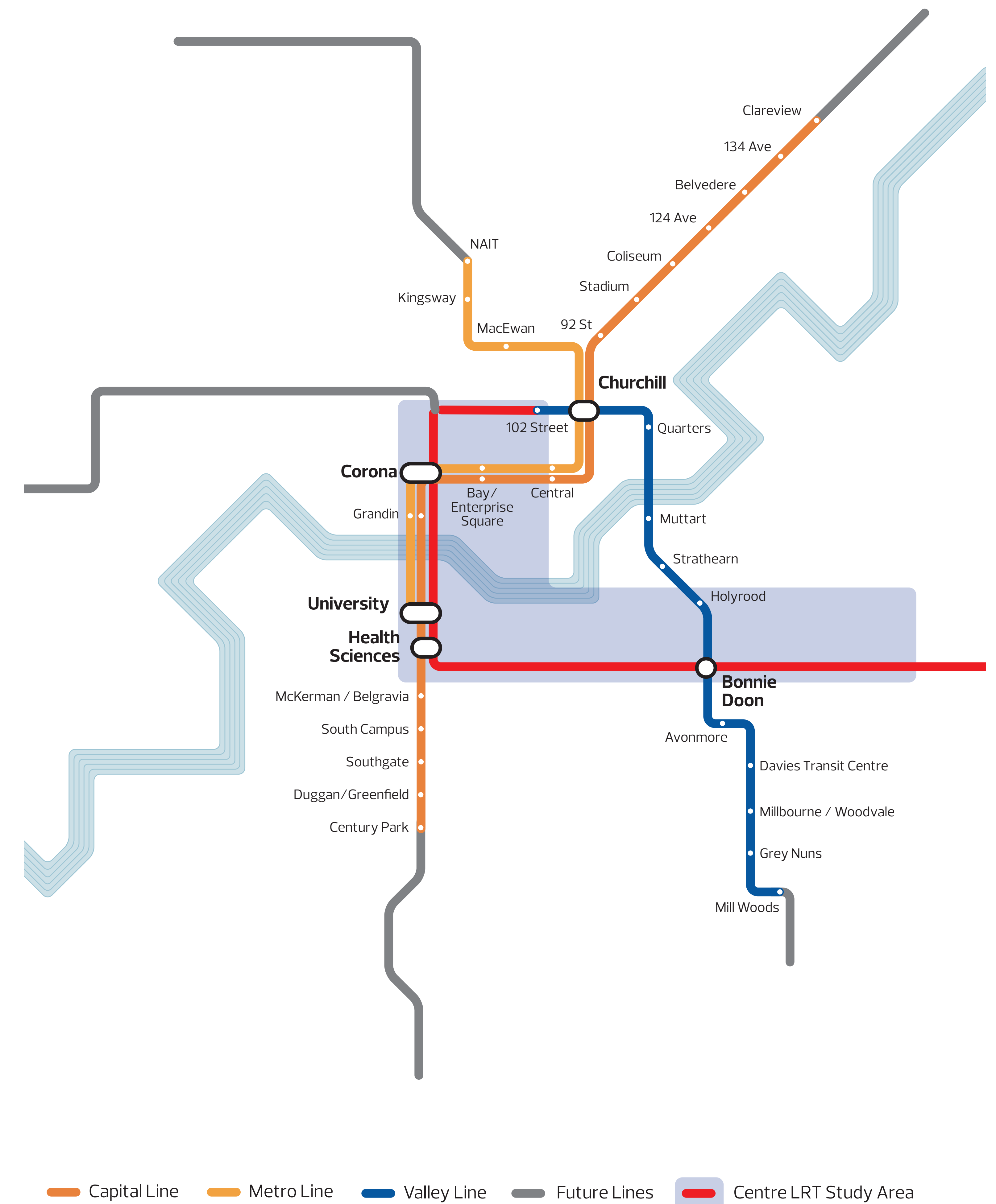
Identify preferred concept design for the route – *(To be undertaken in 2018)*

- Alignment where tracks fit within the route.
- Stop locations and stop design.



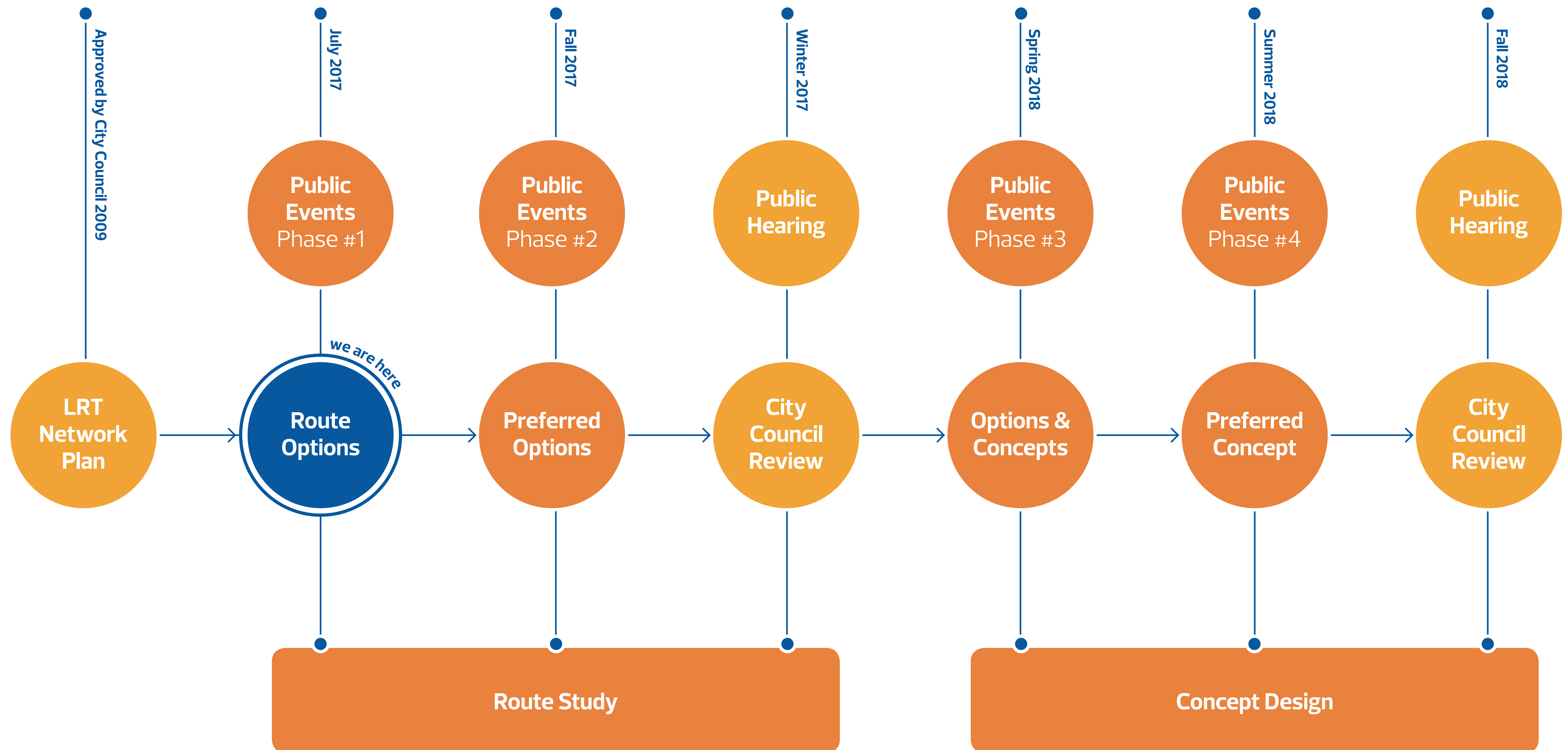
## Objective

- Support a vibrant, prosperous city
- Maximize the use of existing transportation corridors
- Increase the number of people using transit
- Encourage cycling and walking
- Support sustainable urban growth
- Support neighbourhood character
- Conserve the environment and natural systems
- Move people efficiently
- Support businesses and the economy





# WHERE ARE WE IN THE STUDY?





# SHARE YOUR VOICE SHAPE OUR CITY

During this initial project phase, we are studying possible routes that could best link key destinations on both sides of the river using a low-floor, urban style LRT system.

At this event and online until August 13, 2017 share your voice on the following →

**Question 1.** What is important to you in the study area?

**Question 2.** Are there any additional routes or sections of route that should be considered?

**Question 3.** Where do you come from and go to within the study area?

**Question 4.** What is important to you when considering the potential LRT routes?

  
share your  
voice!

*See table maps and  
comment forms to  
share your views*



This map shows the current transport connections in the study area



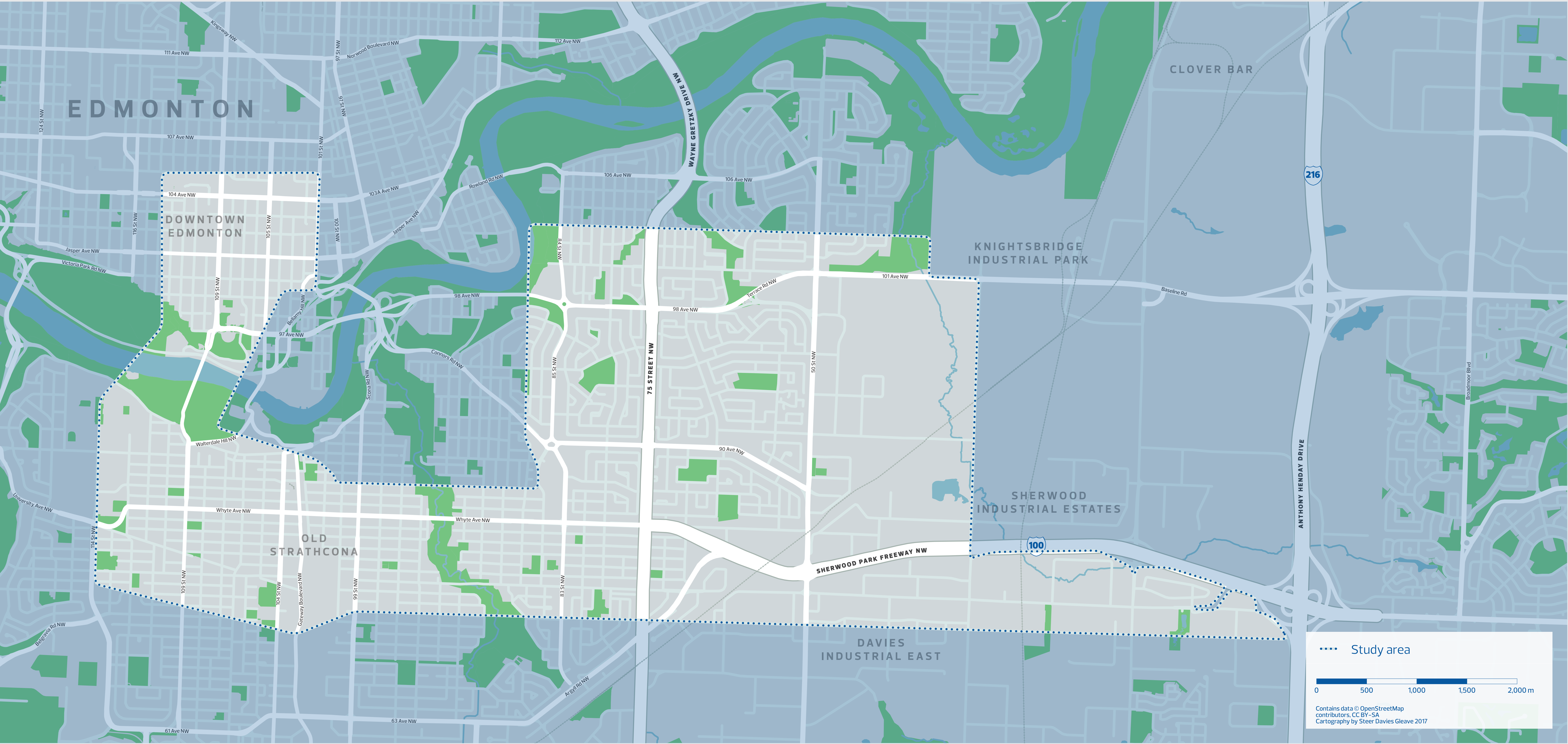


# STUDY AREA

Question 1. What is important to you in the study area?



See table maps and comment forms to share your views





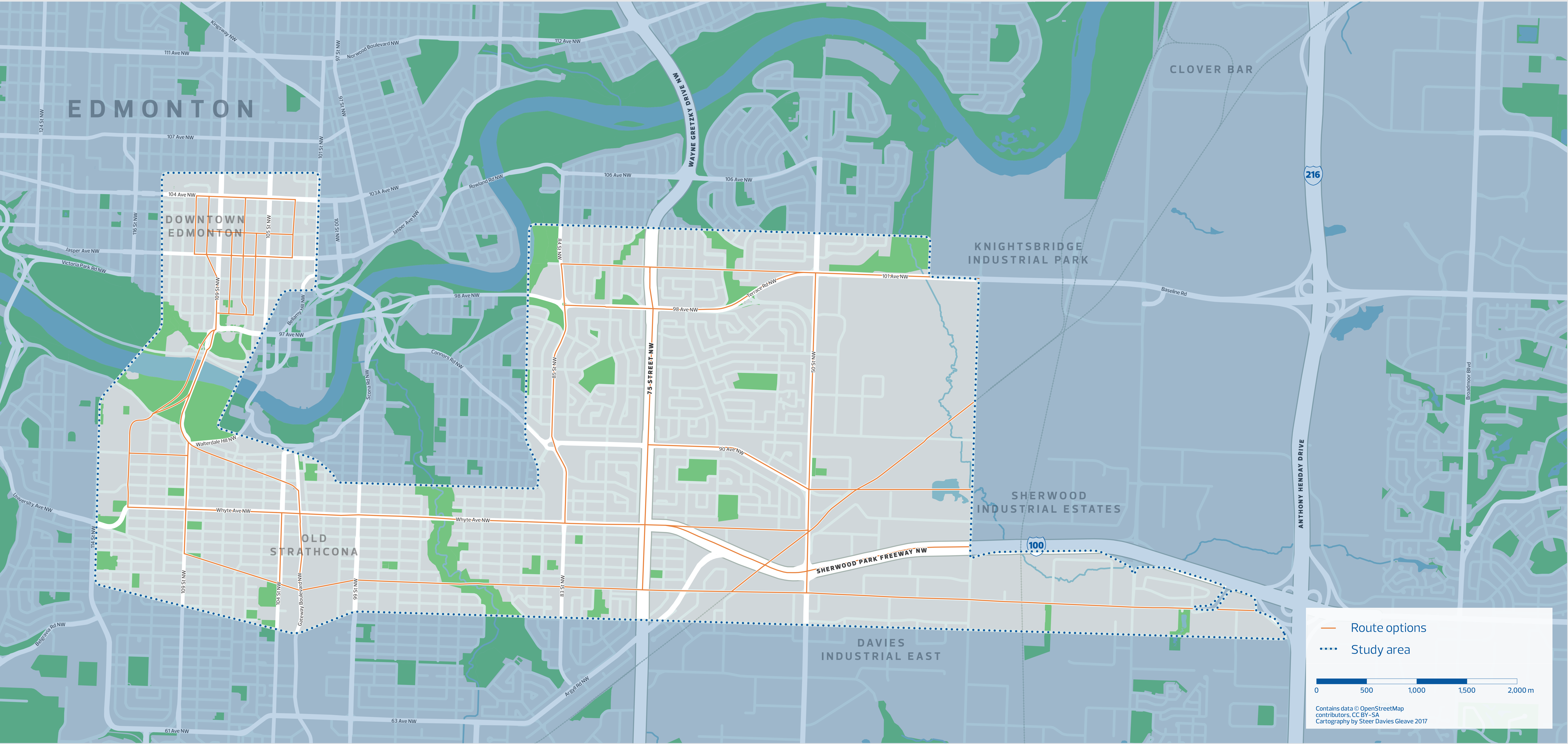
# POTENTIAL ROUTES IDENTIFIED



**Question 2.** Are there any additional routes or sections of route that should be considered?

**Question 3.** Where do you come from and go to within the study area?

See table maps and comment forms to share your views





# HOW WILL WE DECIDE ON A ROUTE?

We will:

- Use the City's established guidelines for selecting an LRT route
- Consider criteria across different categories to allow us to determine the best option
- Listen and consider what is important to you
- Follow City policy
- Conduct technical studies





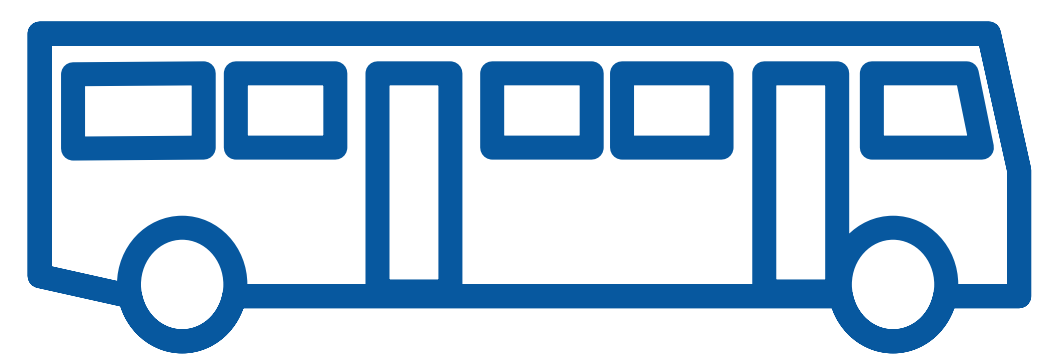
# HOW WILL WE DECIDE ON A ROUTE?

share your voice!

**Question 4.** What is important to you when considering the potential LRT routes?

See table maps and comment forms to share your views

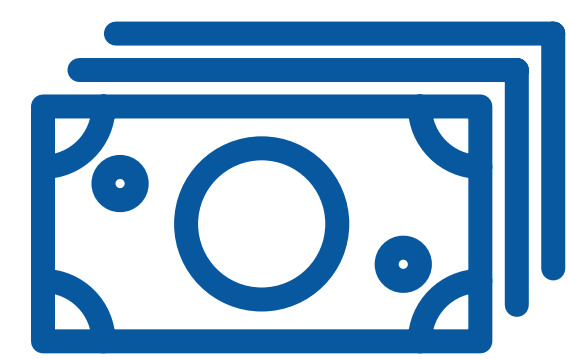
We will consider criteria across different categories to allow us to determine the best route:



## Transportation

Does the route integrate with the existing transport network and increase transportation choice?

*e.g. Number and quality of connections to existing and proposed transit.*



## Financial

Is the route affordable, cost effective and financially sustainable?

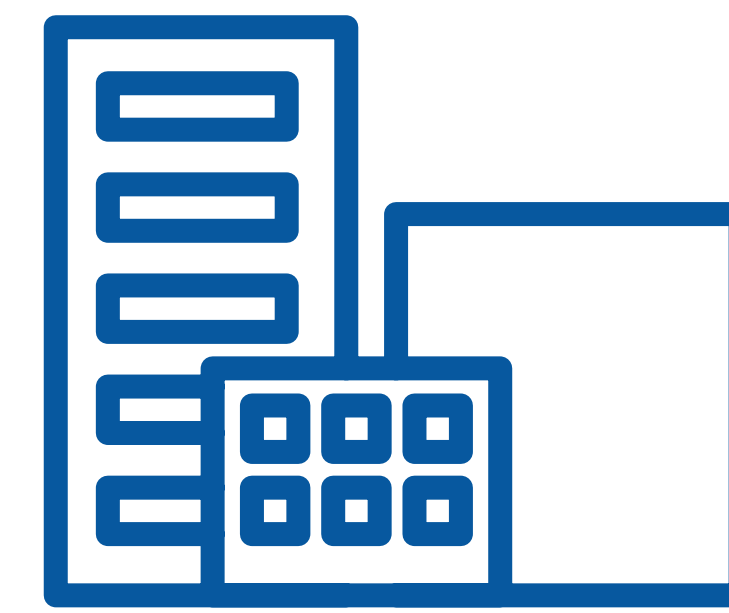
*e.g. Cost to build*



## Business, Community and Social

Does the route help create complete and livable communities that support businesses?

*e.g. Impact on access*



## Sustainable Urban Integration

Does the route support integrated transportation, urban planning and urban design?

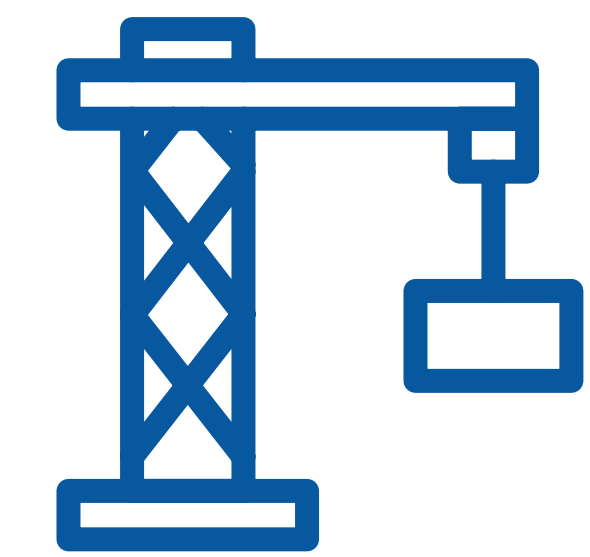
*e.g. Supportive of neighbourhood character*



## Environment

Does the route limit the impact on the city's natural environment?

*e.g. Effect on river valley*



## Feasible to Build

Is the route geared towards implementation?

*e.g. Minimize construction impacts*



# LOW-FLOOR, URBAN STYLE LRT

Low-floor, urban style LRT is different than Edmonton's current high-floor LRT system.

## Low-floor LRT:

- Predominantly operates at street-level in dedicated lanes
- Uses traffic signals to operate with traffic
- Stops located at street level, curb height
- Links directly to transit, pedestrian, and bicycle connections
- Provides universally accessible and step free access from platform to vehicle

## High-floor LRT:

- Operates in dedicated rail corridors
- Uses railway crossings to cross intersections
- Stops at large dedicated stations with high platforms
- Links via stairs, escalators and elevators to transit, pedestrian, and bicycle connections
- Provides universally accessible and step free access using a ramp from platform to vehicle





# LOW-FLOOR, URBAN STYLE LRT

## Urban Style LRT:

- Integrates within existing communities
- Operates in pedestrian-oriented communities
- Is designed to complement existing neighbourhood character
- Uses and fits within existing roadways
- Includes purposeful landscaping, streetscape, and architectural features
- Influences local neighbourhood development





# WHAT HAPPENS NEXT?

Your views and comments will be instrumental when considering the potential LRT routes for selection.

The next phase of engagement will take place in Fall 2017 when a preferred route will be presented for your feedback.

We will explain how your input from this phase of engagement was used to help determine the preferred route.

This phase of  
engagement  
is open until  
August 13, 2017

## Thank you

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