



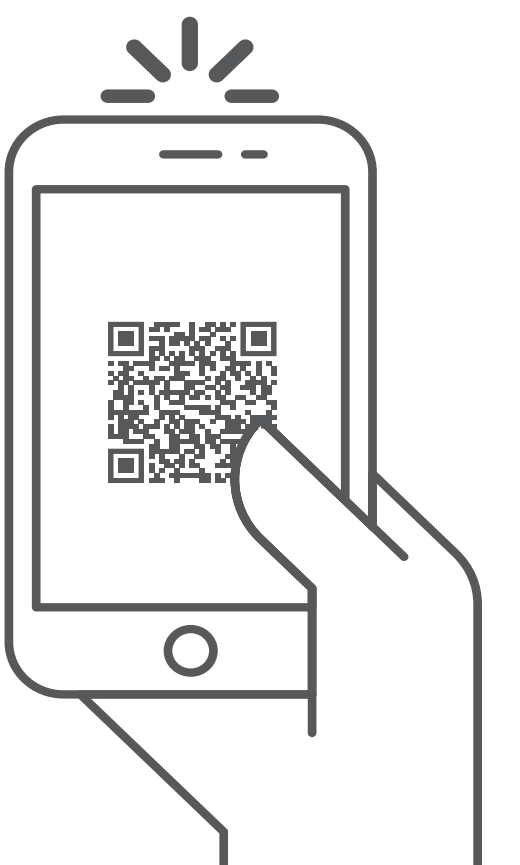
# Welcome

## Nelson Street Active Transportation Improvements

*We acknowledge with gratitude and respect that the name Coquitlam was derived from the  $hənq̓əminəḿ$  (HUN-kuh-MEE-num) word  $kʷikʷəłəm$  (kwee-KWET-lum) meaning “Red Fish Up the River”. The City is honoured to be located on the  $kʷikʷəłəm$  traditional and ancestral lands, including those parts that were historically shared with the  $q̓ičəy̓$  (kat-zee), and other Coast Salish Peoples.*

### Learn More & Complete the Survey:

[LetsTalkCoquitlam.ca/NelsonStreet](https://LetsTalkCoquitlam.ca/NelsonStreet)





# Start Here

## Nelson Street Active Transportation Improvements

### What's happening?

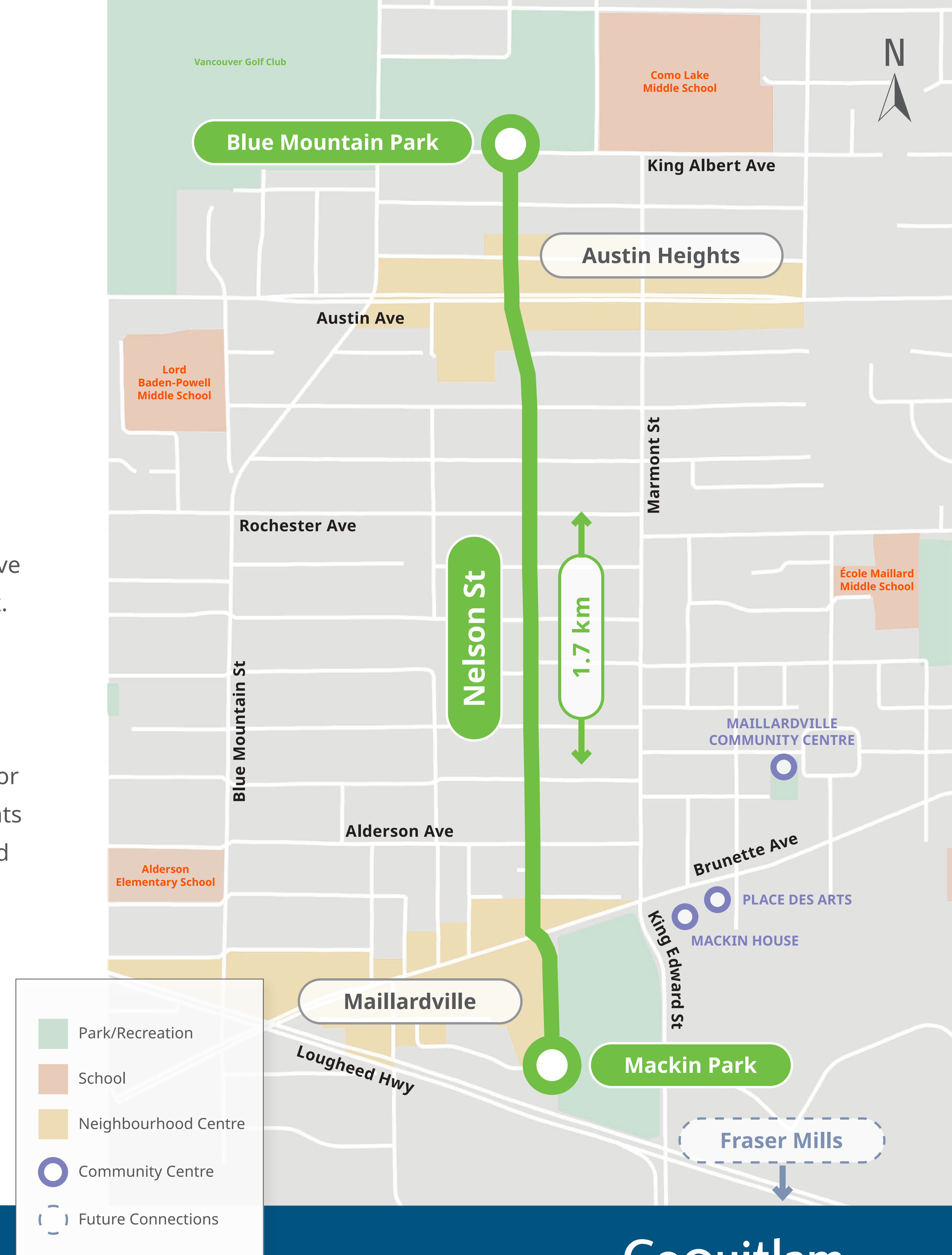
We're planning to transform Nelson Street into a safe and accessible active transportation corridor, connecting Blue Mountain Park and Mackin Park.

### Why is this important?

The active transportation improvements will create a safe and accessible route for people of all ages and abilities who want to walk, bike, scooter or drive between where they live, work, learn, play or shop! The improvements will also support the mobility of people who use wheelchairs, walkers and other mobility aids.

### How was Nelson Street chosen?

Nelson Street offers direct connections to several key amenities and destinations in the growing Austin Heights and Maillardville neighbourhoods, while also being identified for many improvements to basic street infrastructure.



# Defining Key Terms

## What is Active Transportation?

Active transportation is **using your own power** to get from one place to another, including:

walking

biking

scooter

skateboarding, longboarding

in-line skating, rollerblading

jogging and running

mobility devices

cross-country skiing, snowshoeing, ice skating

canoeing, kayaking, stand-up paddleboarding

## What is Micromobility?

Micromobility refers to the use of **affordable, lightweight and low-speed personal mobility vehicles** for transportation or recreation purposes, including:

bicycles

electric bicycles

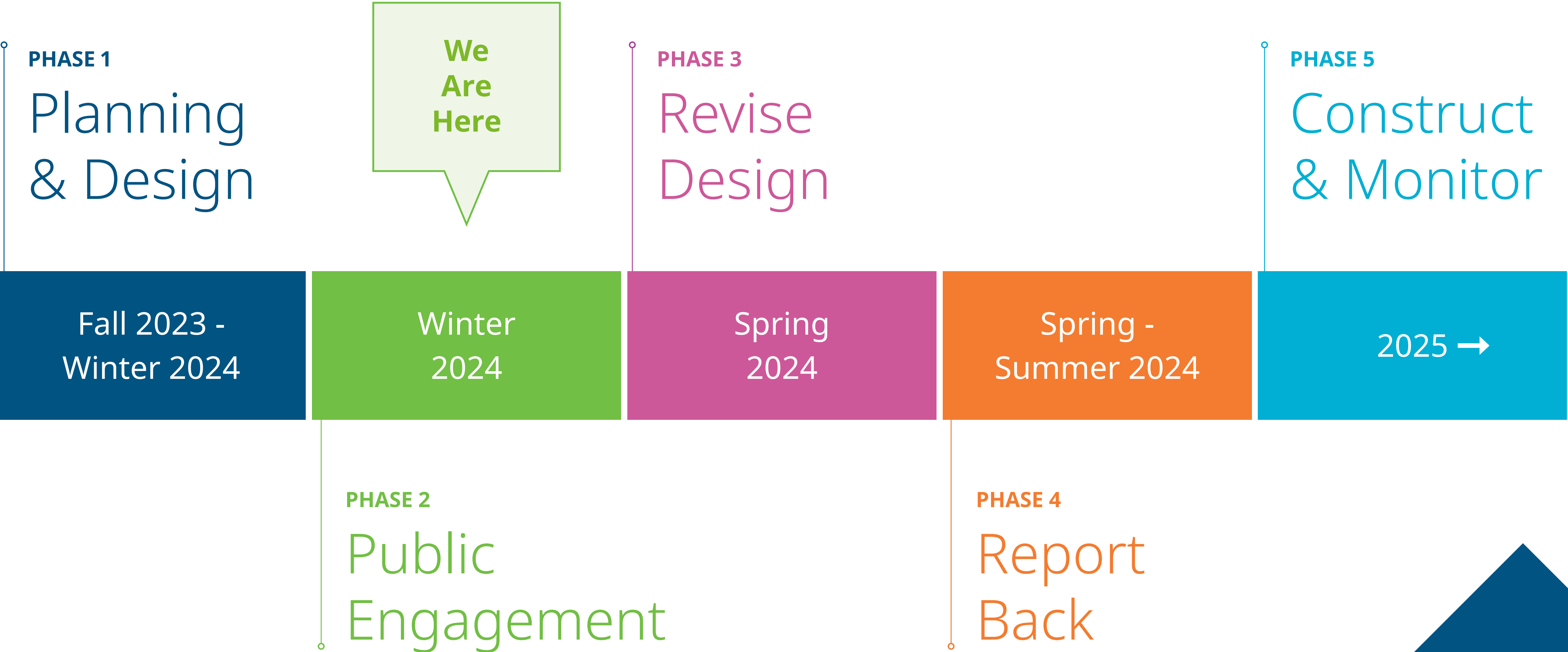
scooters

electric kick scooters

skateboards

electric skateboards

# Project Timing



## When will construction start?

Construction is expected to begin in 2025 and anticipated to happen in phases.

## Why might there be phases?

There are distinct sections along the route, with different challenges and opportunities. To respond to each segment’s unique nature, sections of the corridor may be built in phases.

## How will my input be used?

Your feedback will be carefully considered together with technical studies, engineering standards, best practices, available budget and other City plans and strategies to help the City refine the design for Nelson Street, which will be presented to City Council later this year.

## How can I stay informed?

Staff will communicate with residents and businesses to address any concerns during and beyond construction.



# Making Connections

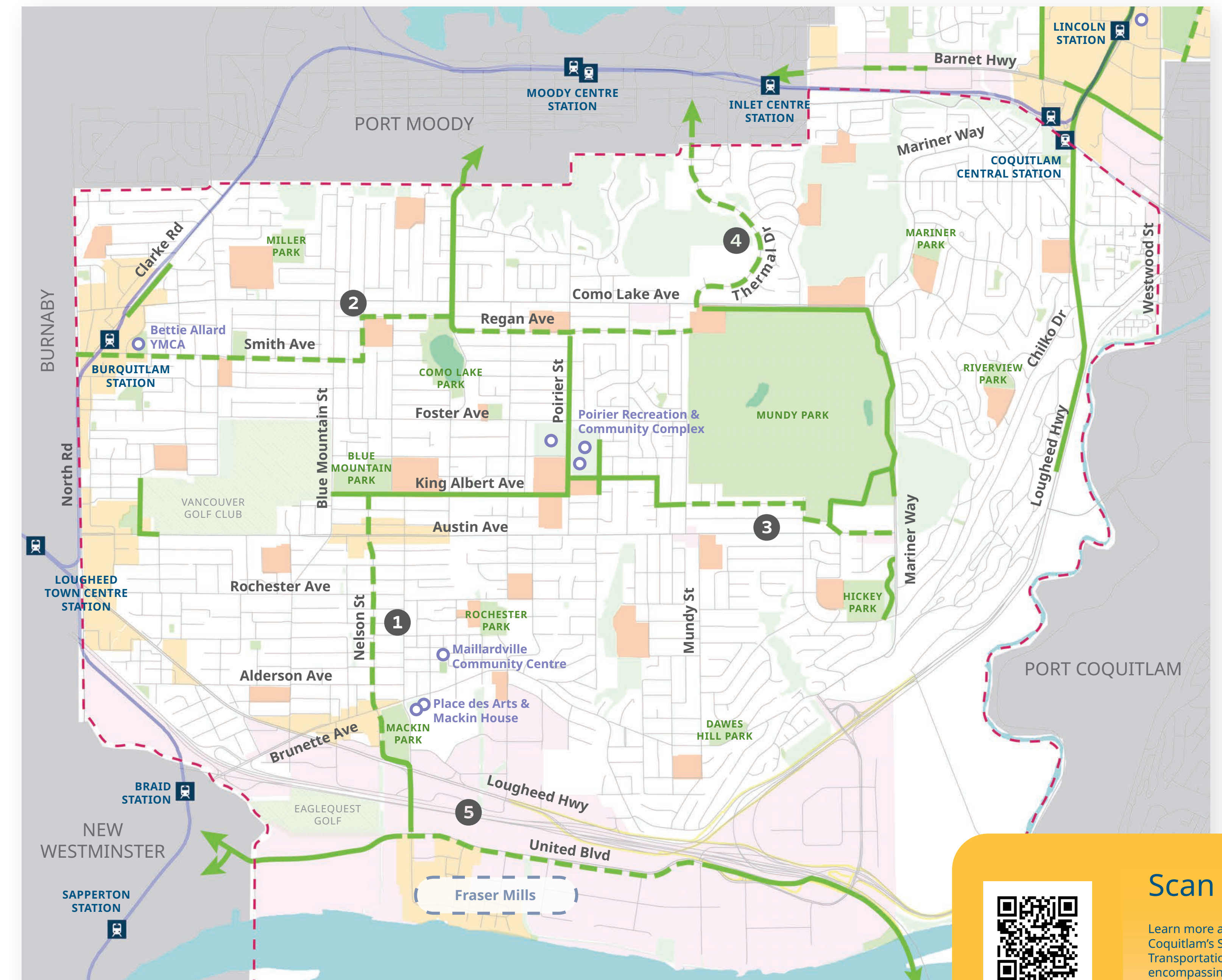
## Part of a Bigger Picture

Nelson Street is one of five active transportation improvement projects currently in the planning and design phase in Southwest Coquitlam, which together, support four key initiatives:

- Strategic Transportation Plan
- 2050 Micromobility Network
- Electric-Mobility Strategy
- Road Safety Strategy

## Enhancing Connectivity

The active transportation improvements to Nelson Street will enhance connectivity between essential amenities and destinations such as parks, schools, transit, employment areas, and neighbourhood centres where mixed use residential towers with shops and retail spaces are located.



### LEGEND

#### Southwest Coquitlam Micromobility Projects:

- 1 Nelson Street
- 2 Smith Avenue and Regan Avenue
- 3 King Albert Avenue
- 4 Thermal Drive
- 5 United Boulevard

- Existing AAA micromobility route
- In-progress AAA micromobility route
- Southwest Coquitlam boundary
- Connections to existing/planned AAA intermunicipal cycling and greenway route
- Micromobility route managed by Ministry of Transportation and Infrastructure
- Skytrain or West Coast Express station and route

- School
- Park
- Natural Area
- Extensive Recreation
- Industrial and Commercial
- Mixed Use
- Recreation and Civic Facility



### Scan Me

Learn more about Coquitlam's Strategic Transportation Plan, encompassing the 2050 Micromobility Network.

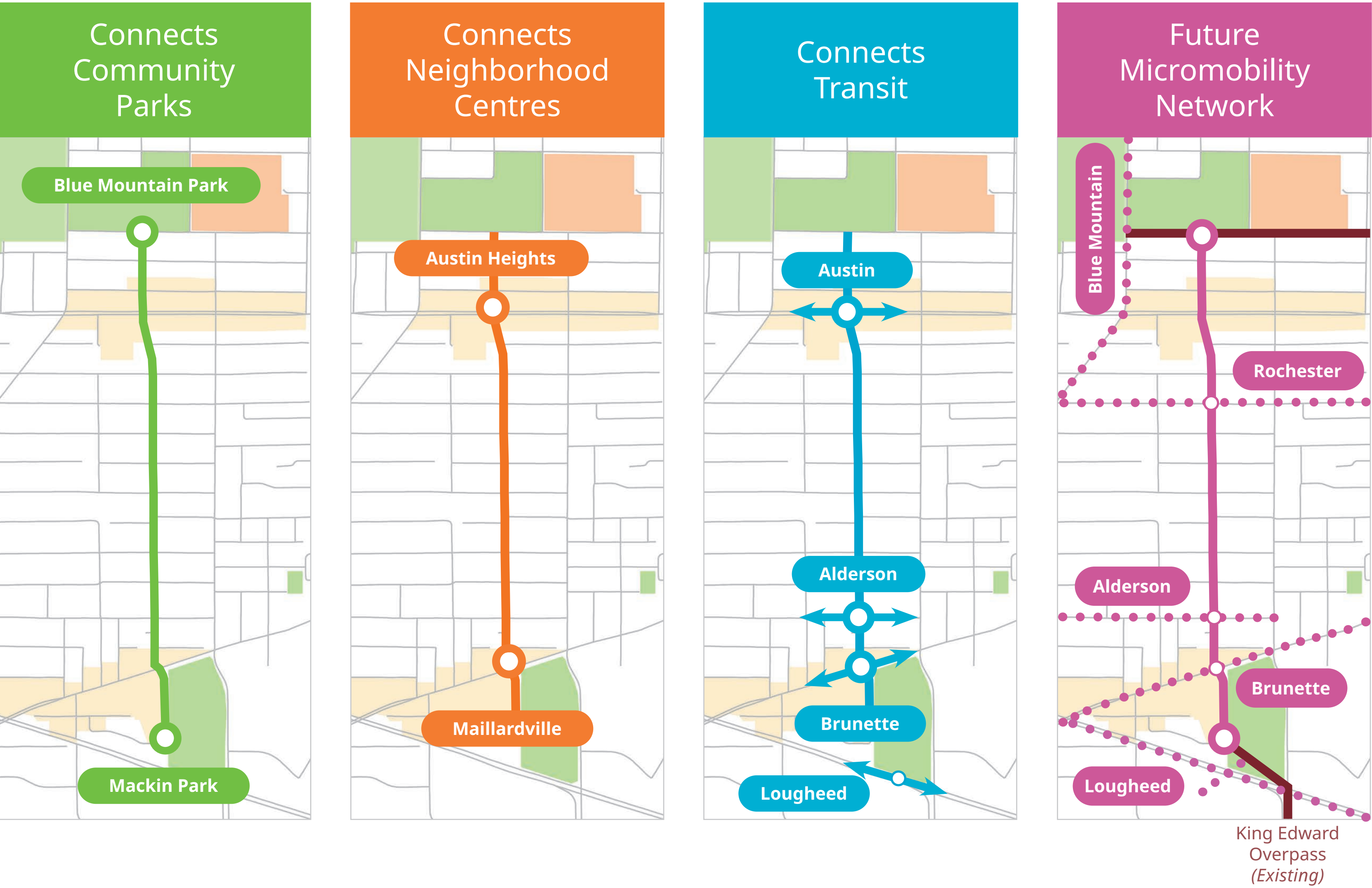
**Learn More | Stay Connected**

[LetstalkCoquitlam.ca/NelsonStreet](https://LetstalkCoquitlam.ca/NelsonStreet)



# Why Improve Nelson Street?

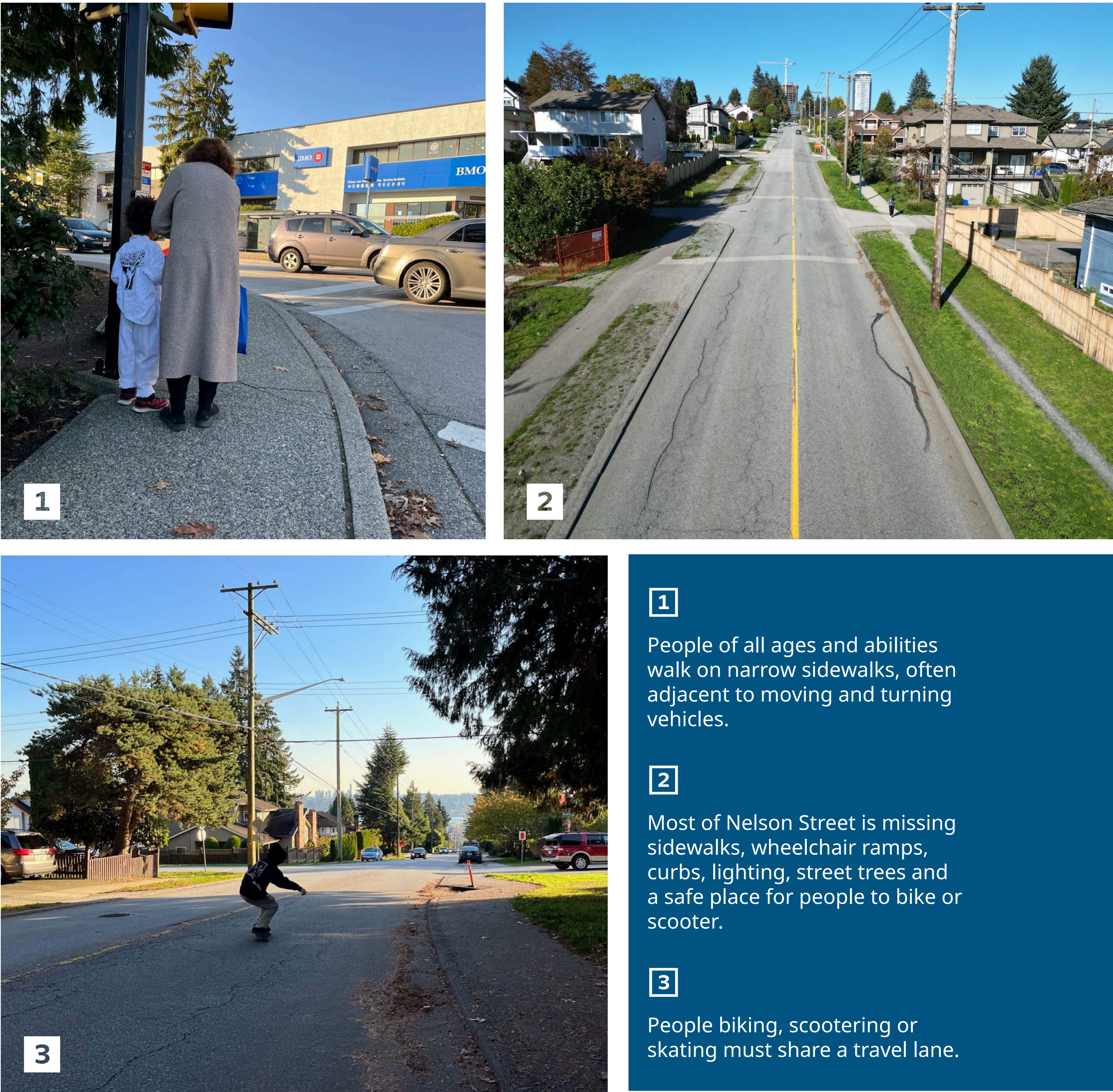
## Important Connections



## Current Factors

- Emergency response route.
- Some sections have steep hills.
- Local street classification.
- 50 km/h speed limit.
- Vehicle traffic volumes ranges from 3,000 - 7,000/day.
- Does not meet the BC Active Transportation Design Guide recommendations.

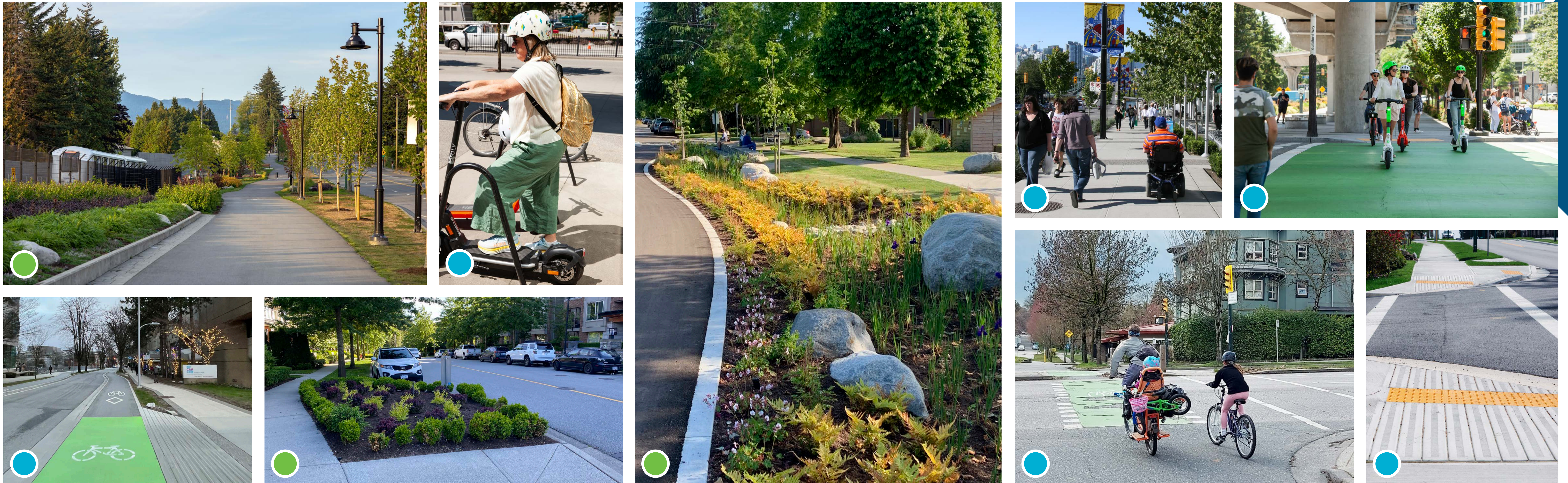
## Current Snapshot



- 1** People of all ages and abilities walk on narrow sidewalks, often adjacent to moving and turning vehicles.
- 2** Most of Nelson Street is missing sidewalks, wheelchair ramps, curbs, lighting, street trees and a safe place for people to bike or scooter.
- 3** People biking, scooting or skating must share a travel lane.



# Design Objectives



## Accessibility, Road Safety and Comfort

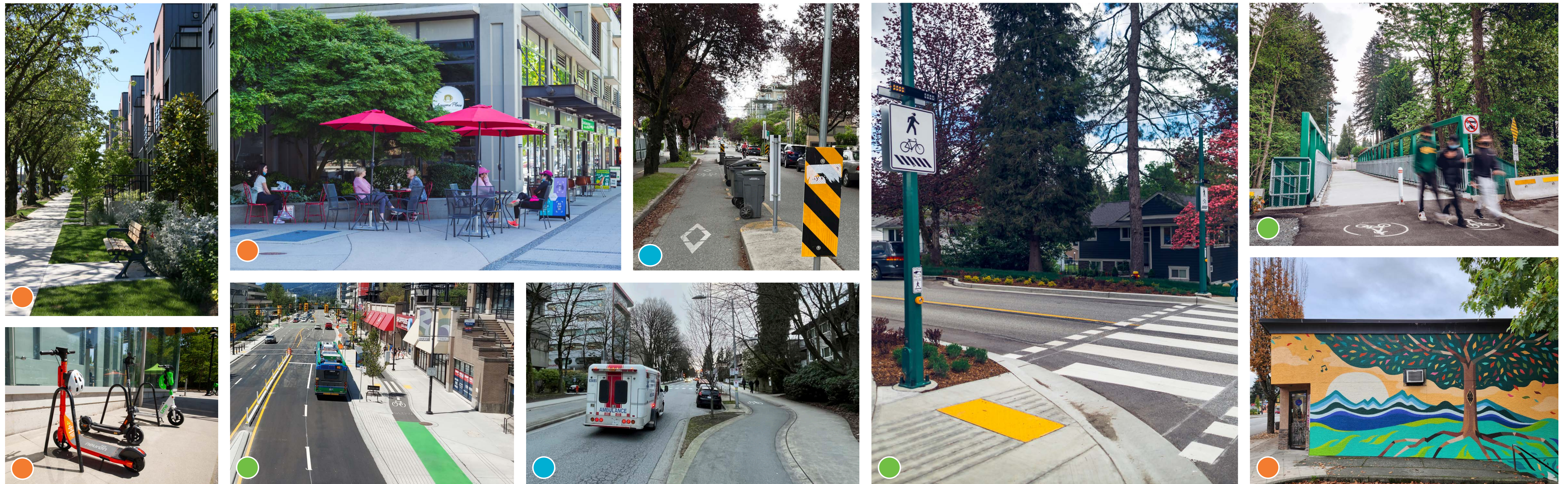
- Separate paths for people walking, biking, scootering, and driving whenever possible.
- Lighting to help people feel safe and secure at all times of the day.
- Enhanced intersections and crossings to improve the visibility of vulnerable road users.

## Landscaping and Green Infrastructure

- Enhanced connections to parks and natural areas.
- Add rain gardens and other features along the boulevard and in curb bulges to manage rainwater, where opportunities exist.
- Minimize impact to existing landscaping and trees within City Right-of-Way.
- Protect existing trees and plant additional ones to help create a shade canopy.



# Design Objectives



## Safe, Direct & Intuitive Connections

- Walking and micromobility connections to neighbourhood amenities and destinations such as parks, cafés, restaurants, grocery stores and medical clinics.
- Walking and micromobility connections to the city's broader transit and micromobility network.
- Connections between different neighbourhoods.
- Equitable access to key destinations.

## Spaces for People

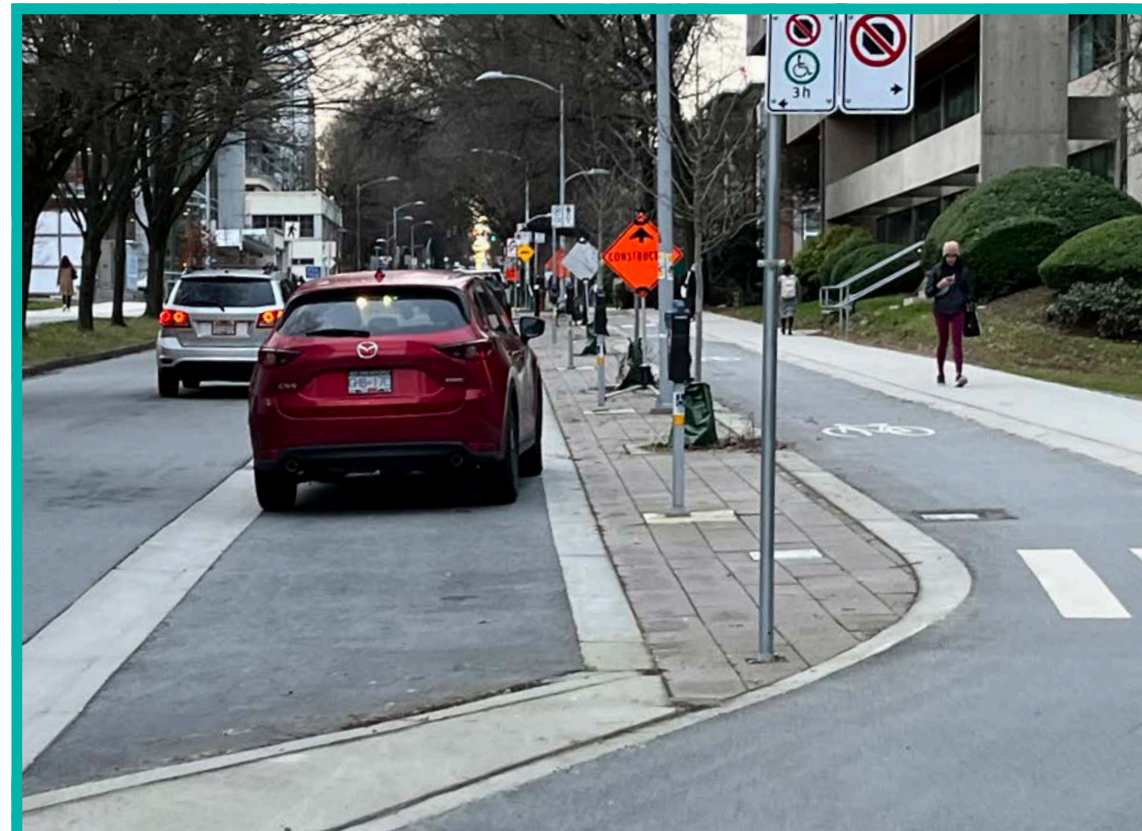
- Commercial vibrancy: functional and attractive amenities such as seating, planters and murals.
- Seating pockets with benches along the corridor to offer opportunities for rest.

## Vehicle Access and Community Needs

- Efficient emergency vehicle access.
- Vehicular circulation and access to homes/businesses directly along Nelson Street.
- Waste collection accommodations for residential properties.
- Minimize impacts to private property.
- On-street parking pockets in select high-demand locations.



# Design Considerations



## Vehicular Parking & Loading

### Key Findings\*:

#### Blue Mountain Park to Ridgeway Avenue

- 27 existing on-street parking spaces.
- High usage on weekdays and weekends.
- High amount of HandyDART activity on Ridgeway Avenue.

#### Ridgeway Avenue to Brunette Avenue

- 52 informal on-street parking spaces.
- Low usage during the weekday.
- Low to moderate usage at night.

### Design Response:

- The proposed improvements will include on-street parking pockets in select high-demand locations.
- Side streets offer additional parking capacity off Nelson Street, with over 400 on-street parking spaces available within a two-minute walk north of Ridgeway Avenue, and over 500 on-street parking spaces available south of Ridgeway Avenue.



## Pedestrian & Traffic Safety

### The Data Showed‡:

- Three major injury collisions at the intersection of Austin Avenue and Nelson Street (two of which are pedestrian related).
- While no fatalities were reported, many injuries have been reported.
- The five Nelson Street intersections with the most injuries (in order): Austin Avenue (27), Brunette Avenue (19), Alderson Avenue (6), Ridgeway Avenue (5), Rochester Avenue (4), Howie Avenue (4).

### Design Response:

- The proposed improvements will include continuous sidewalks, street lighting, crossings, wheelchair ramps, curbs, and a safe space for people to bike or scooter.
- The proposed improvements will include intersection improvements at Austin Avenue and Brunette Avenue.



## Access & Emergency Response

### Traffic on Nelson Street:

- Typically around 3,000 vehicles per day.
- Volume doubles approaching Austin Avenue.

### Austin Heights Fire Hall:

- Fire Hall located along Nelson Street south of Austin Avenue.
- Nelson Street is used to respond to emergency calls.
- Fire trucks typically go south on Nelson Street to access Brunette Avenue and Highway 1 calls.
- Fire crews also use Nelson Street (north) to return to the Austin Heights Fire Hall after a call.

### Design Response:

- The proposed improvements will include travel lanes that can accommodate large fire trucks.
- The proposed improvements will include a travel lane in each direction to provide access to residential properties and destinations along Nelson Street.



## Residential Waste Collection

### We Identified:

- 30 residential properties have their garbage and recycling collected directly from Nelson Street.

### Design Response:

- The proposed improvements will include a space in the boulevard to accommodate the placement of residential waste bins on collection days.

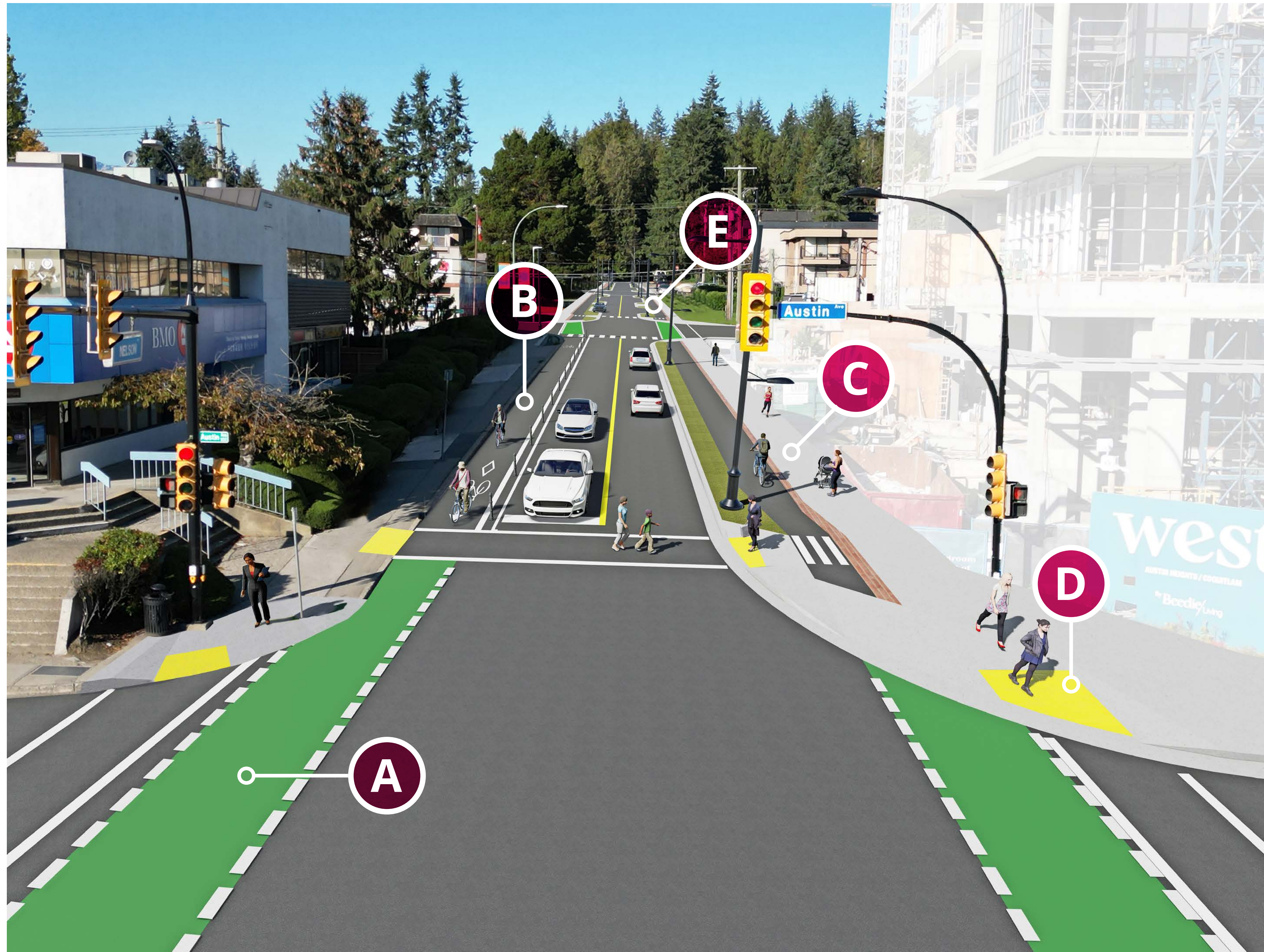
\* The City completed a parking study between October 17 and 21, 2023 to understand parking use on and just off the corridor.

‡ Police data and ICBC collision claims data for Nelson Street for the most recent years (2017-2021).

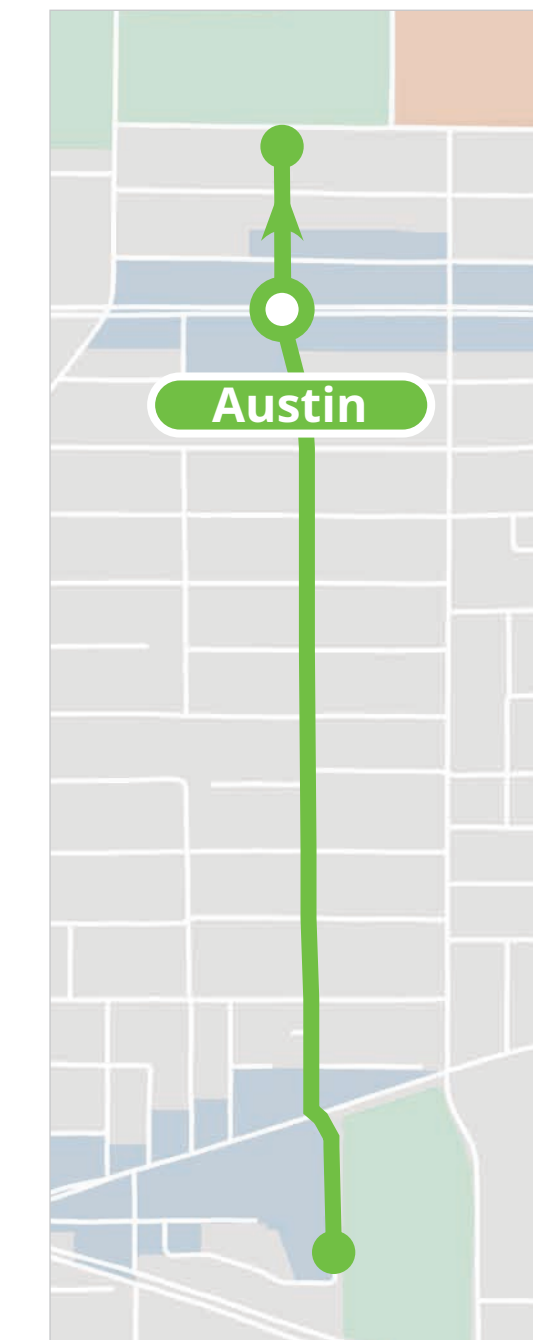


# Recommended Design Austin Ave

## Conceptual Rendering at Austin Ave and Nelson St



## Current Conditions



- (A) Markings at key intersections to enhance safety.
- (B) Quick-build micromobility lane until redevelopment occurs.
- (C) Improved sidewalk and micromobility lane with on-going construction/redevelopment.
- (D) Tactile walking indicators are detectable by foot when walking and offer guidance to people with vision impairments.
- (E) Parking pockets in select high-demand locations.

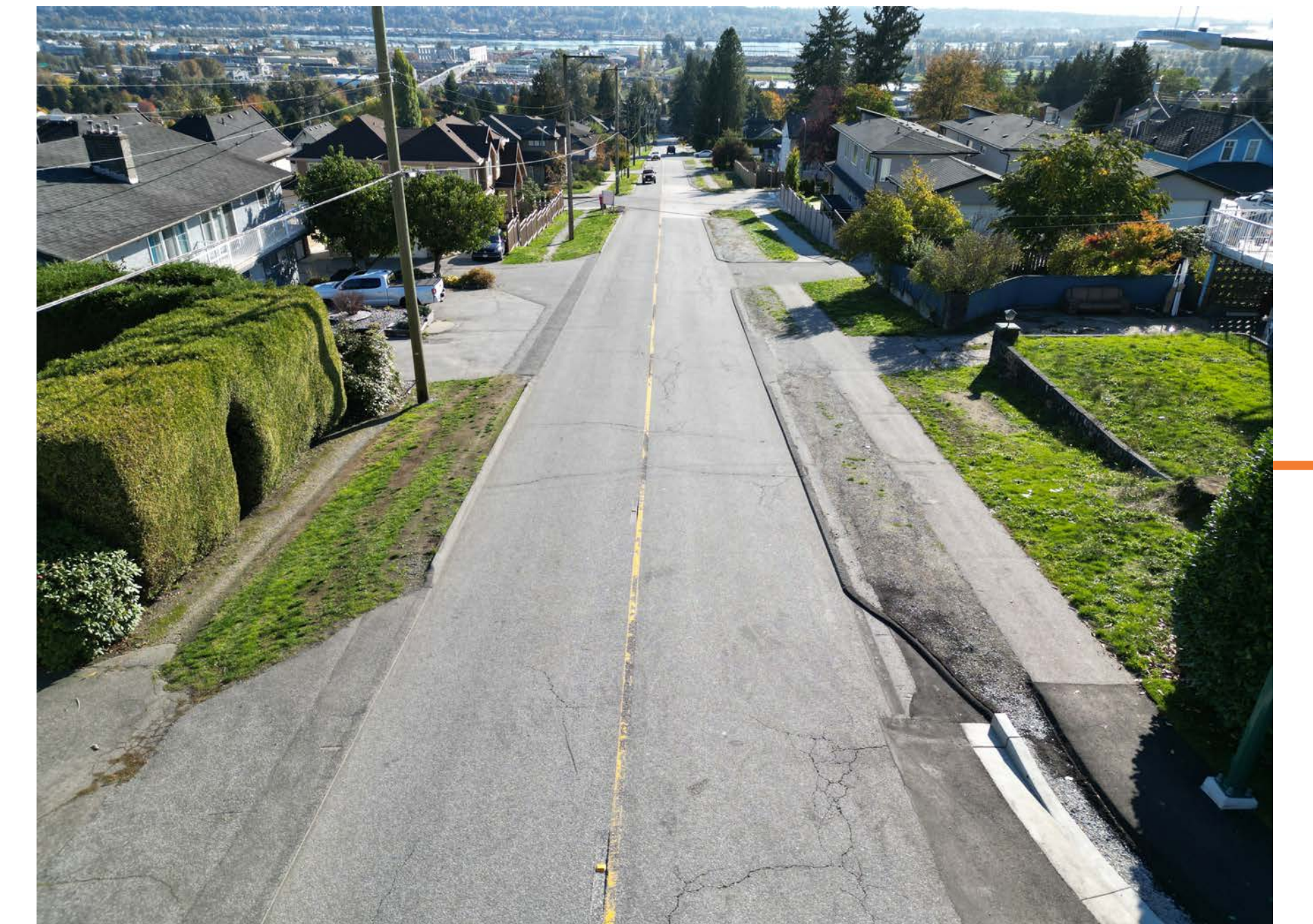
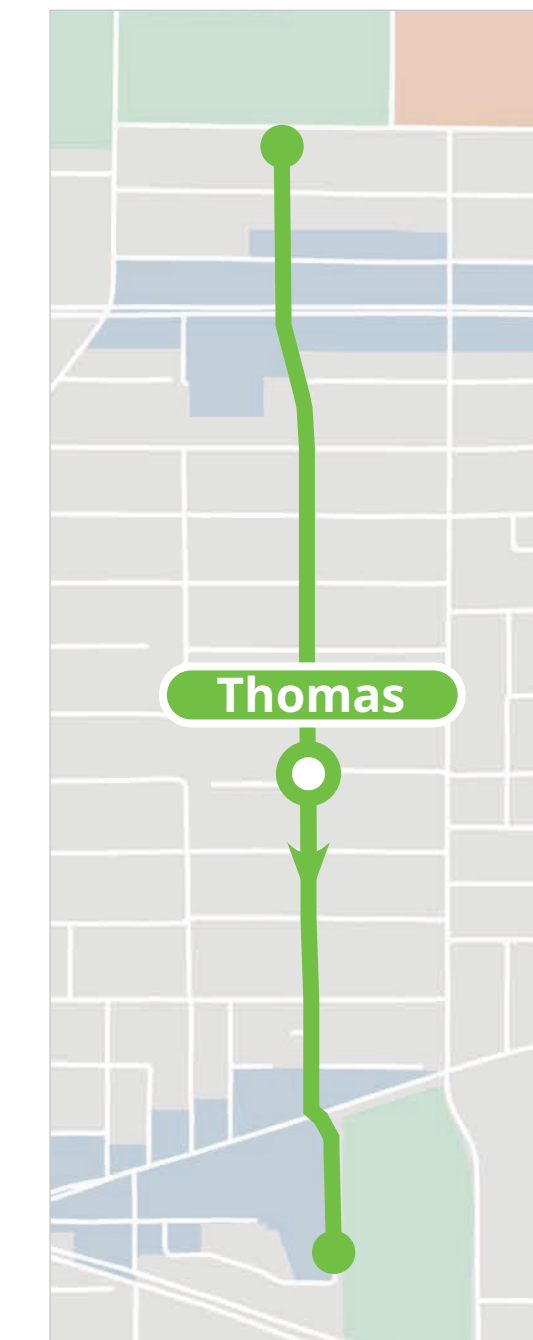


# Recommended Design Thomas Ave

## Conceptual Rendering at Thomas Ave and Nelson St



## Current Conditions

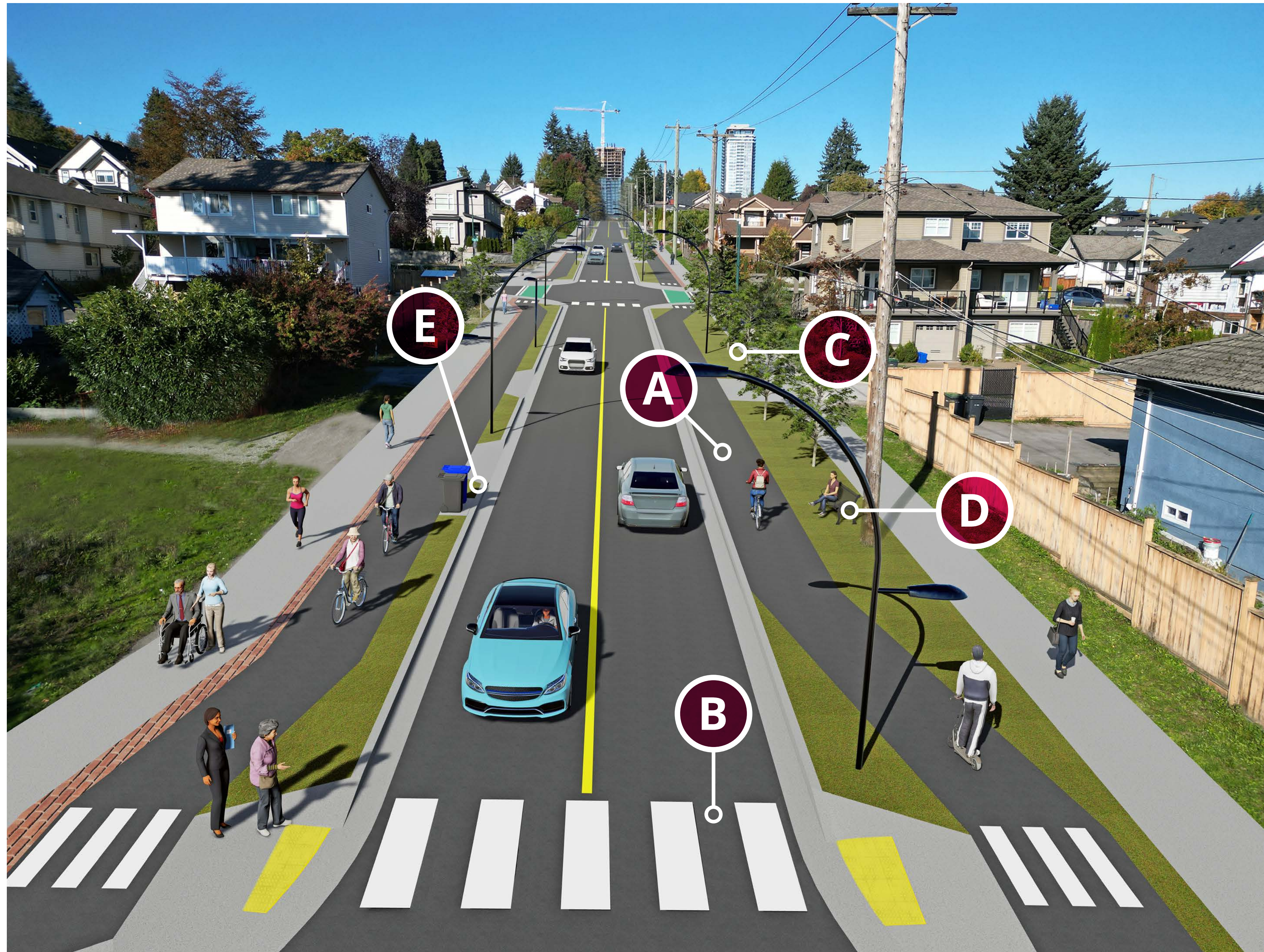


- (A) Wider micromobility lane (uphill) that allows two riders to pass.
- (B) Opportunities for green infrastructure in the boulevard and short trees under the existing hydro lines.
- (C) New and wider sidewalk to separate people walking from rolling.
- (D) Concrete pads for residential waste bins on collection days.
- (E) New pavement and street lighting.

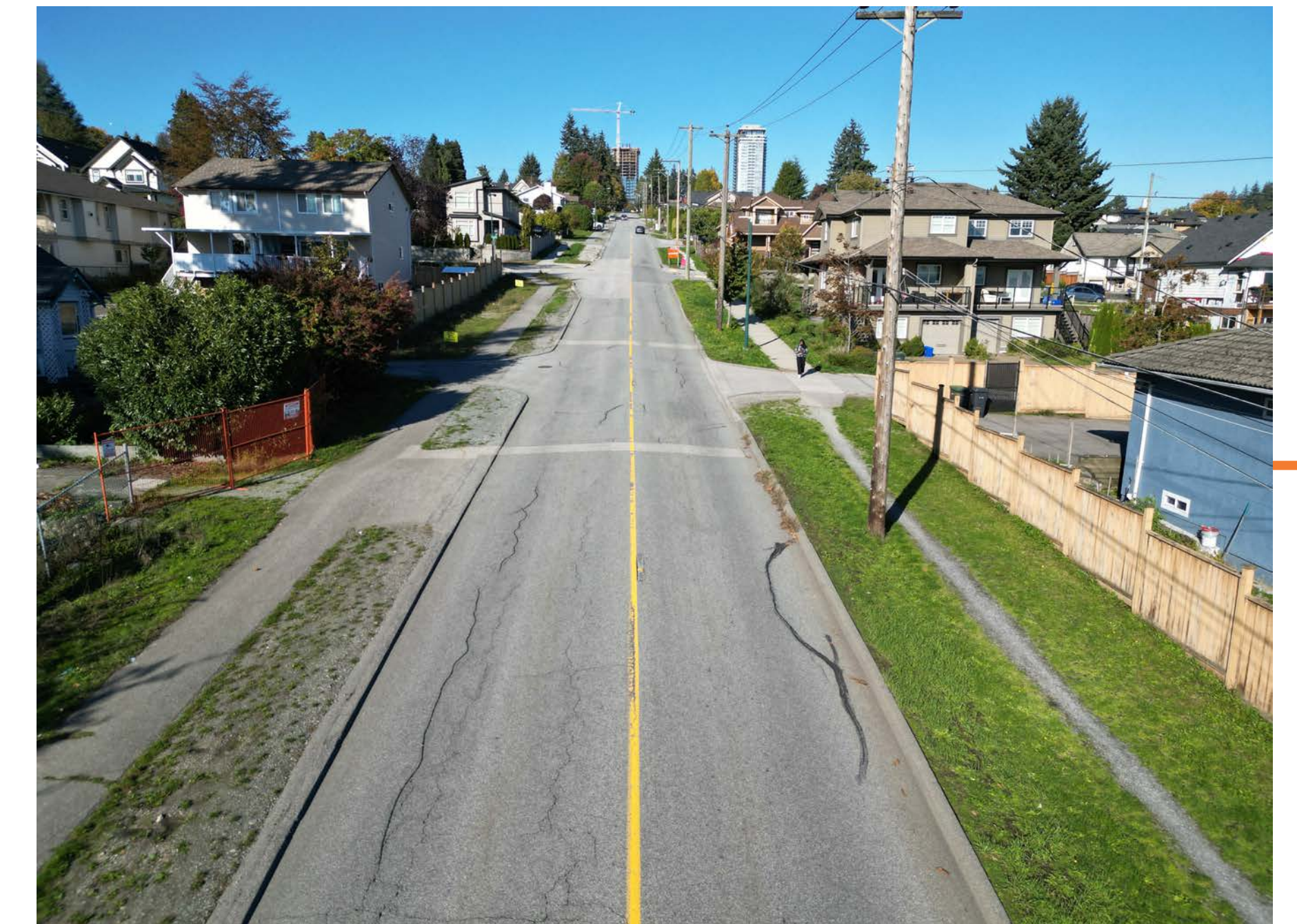
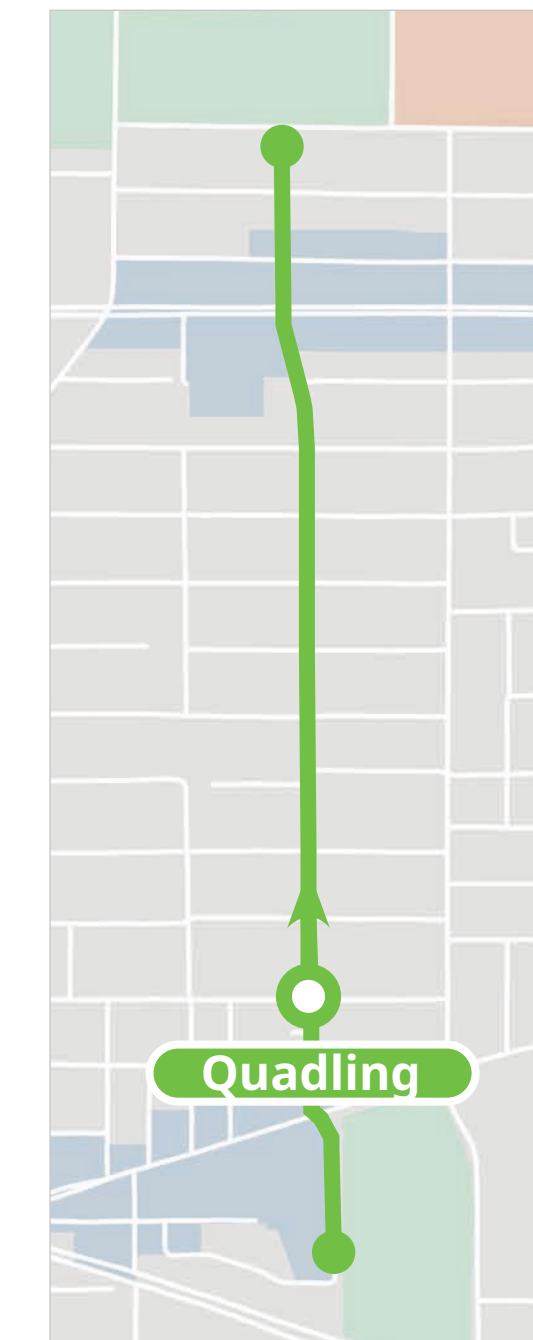


# Recommended Design Quadling Ave

## Conceptual Rendering at Quadling Ave and Nelson St



## Current Conditions



- (A) Wider micromobility lane (uphill) that allows two riders to pass.
- (B) Shorter pedestrian crossing with improved street lighting.
- (C) Opportunities for green infrastructure in the boulevard and short trees under the existing hydro lines.
- (D) Benches to help people rest along the corridor.
- (E) Concrete pads for residential waste bins on collection days.





# Next Steps

## Learn More & Stay Informed

✔ LetsTalkCoquitlam.ca/NelsonStreet

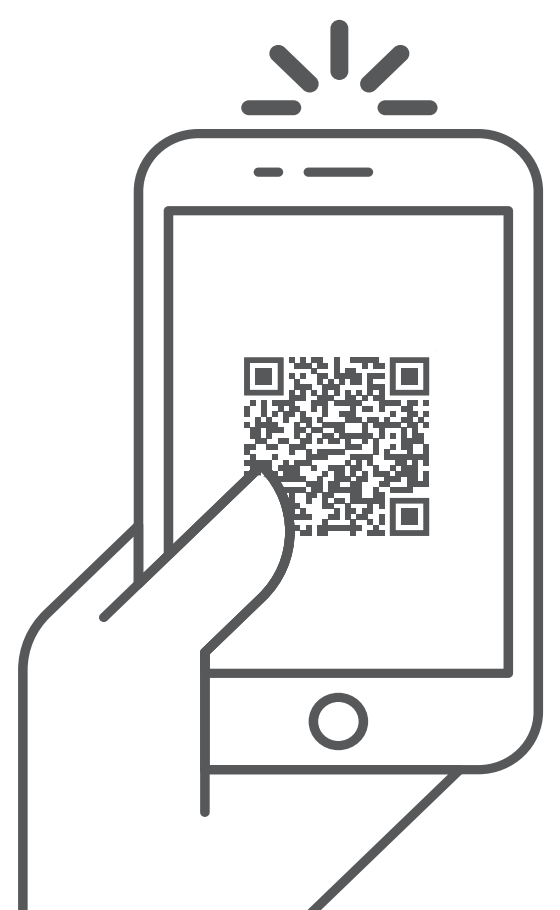
## Review the Design & Complete the Survey

ℹ LetsTalkCoquitlam.ca/NelsonStreet

## Get in Touch

✉ NelsonStreet@coquitlam.ca

☎ (604) 927-3500





# Welcome!

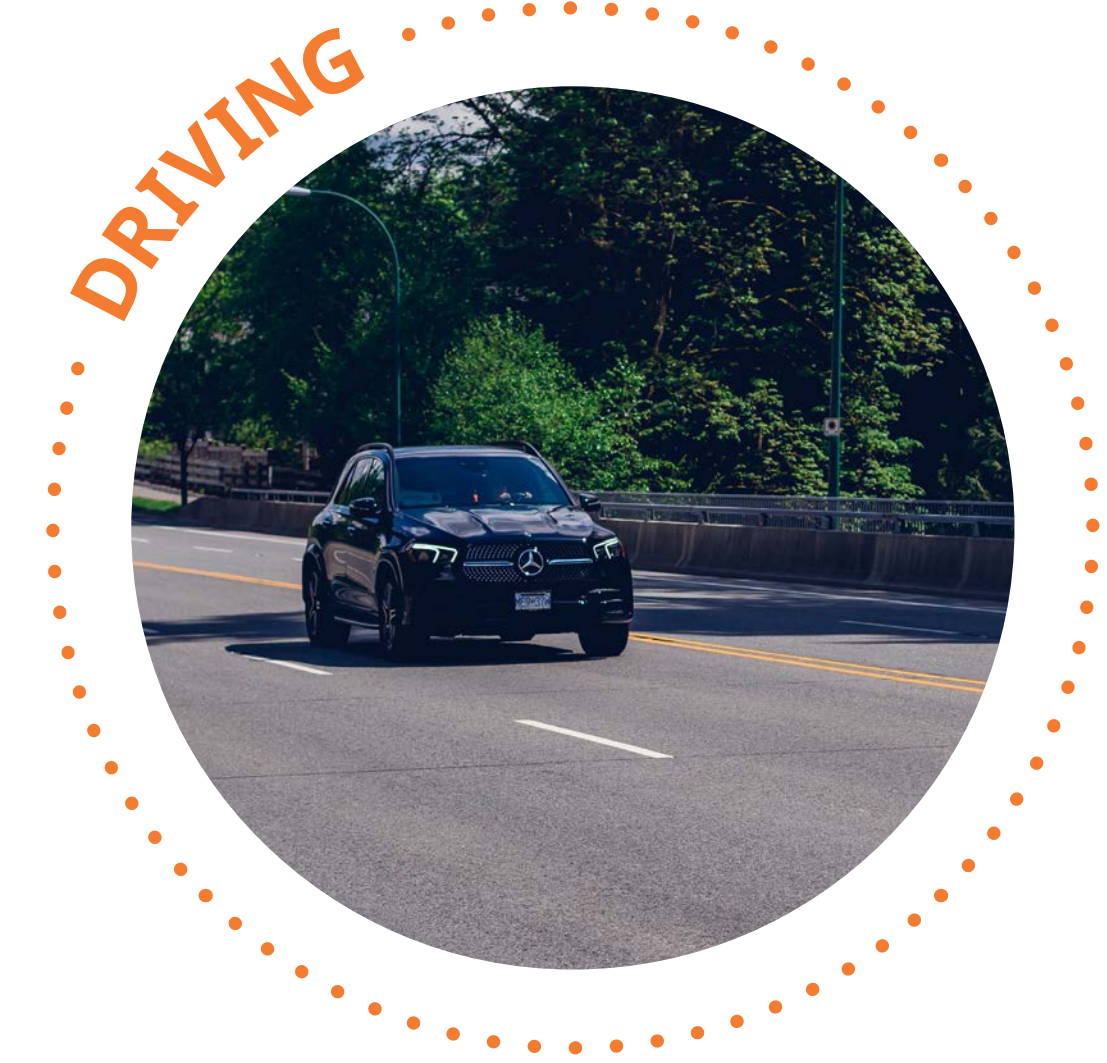
## What brings you here today?

*Please use a sticky  
to share why you  
were motivated to  
attend today.*



# How did you get here today?

Please use a sticker to tell us.





# What’s your connection to Nelson Street?

Please use a sticker to tell us.

I live along the corridor.

I work along the corridor.

I own or operate a business  
along the corridor.

My household has someone who goes to school/  
childcare in the area.

I shop and/or dine in the area.

I visit friends/family in the area.

I visit parks and/or community centres in the area.

I use Nelson Street to commute to and from other  
areas.

I don’t have a connection to the area.

Something else.



# Which improvements will be beneficial to you/your household?

Please use a sticker to tell us.





# Are there additional improvements you would like the City to consider?

*Please use a sticky  
to share your  
observations.*