EAST 29TH STREET
SAFETY IMPROVEMENTS

WELCOME!

We have identified a number of areas along East 29th Street between Lonsdale and Regent Avenue where we can improve the safety and comfort of road users.

As a significant amount of time has passed since the first phase of engagement, we are here today to review these areas and share some considerations for roadway improvements.

We would also like to learn more about how residents are experiencing the street to help us identify any gaps.



Learn more:
cnv.org/East29th

DISTRICT OF NORTH VANCOUVER

city of north vancouver

EAST 29TH STREET
SAFETY IMPROVEMENTS

WHAT WE'RE DOING

The City of North Vancouver is working with the District of North Vancouver on the second and final phase of roadway improvements along East 29th Street.

Phase 2 improvements will address the poor pavement conditions between Lonsdale and Regent Avenue and provide a safer, more comfortable experience for people who travel along East 29th Street.

PROJECT SCOPE

The scope of work for this phase of the project will focus on repaving the road, new roadway markings, intersection safety, sightline improvements and making adjustments to transit stop locations.



Learn more:
cnv.org/East29th

DISTRICT OF NORTH VANCOUVER

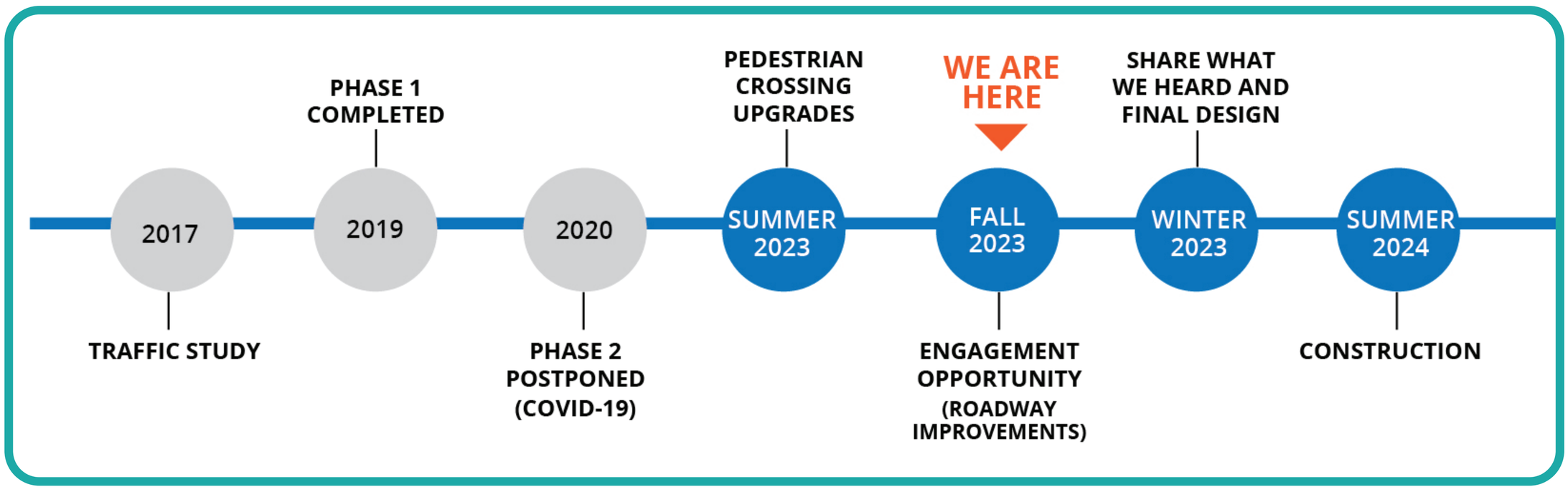
city of north vancouver

EAST 29TH STREET
SAFETY IMPROVEMENTS

PROJECT HISTORY

This project is being delivered in two phases. Phase 1 was completed in 2019 and focused on the area from Regent Avenue to Lynn Valley Road. Improvements included new sidewalks, traffic lights, left turn lanes and a protected bike lane.

We are now in Phase 2 of the project, which focuses on the area from Lonsdale to Regent Avenue. A proposed design for Phase 2 was created in 2019, with work planned for 2020, but was postponed due to the impacts of COVID-19.



Learn more:
cnv.org/East29th

DISTRICT OF NORTH VANCOUVER

city of north vancouver

EAST 29TH STREET
SAFETY IMPROVEMENTS

WHAT WE'VE ALREADY DONE

The previous phase of engagement and ongoing conversations with residents have provided valuable input that has helped us to address some areas of concern. These include:

- Speed humps on St. Georges to slow speeds and discourage shortcutting.
- Pedestrian activated crossings with curb bulges at St Georges and St Marys to provide safer crossings for pedestrians. This work is currently underway.





Learn more:
cnv.org/East29th

DISTRICT OF NORTH VANCOUVER

city of north vancouver

EAST 29TH STREET
SAFETY IMPROVEMENTS

WHAT WE'VE HEARD

Some other issues we've heard about include:



- Vehicle speeds along East 29th Street are too fast.
- Shortcutting on St. Georges remains a concern.
- Retaining parking is important.

WHAT WE'VE OBSERVED

In September 2023, we collected data on vehicle speeds and volumes along East 29th Street between Lonsdale and Regent.

Approximately 10,000 drivers travel along East 29th Street each day, which is consistent with its classification as an arterial road. Near the base of the hill, 32% of eastbound drivers are travelling 10km/hr or more above the posted speed limit and 48% of westbound drivers are travelling 10km/hr or more over the posted limit.

Learn more:
cnv.org/East29th

DISTRICT OF NORTH VANCOUVER

city of north vancouver

EAST 29TH STREET
SAFETY IMPROVEMENTS

FUTURE ROADWAY IMPROVEMENTS

We've identified several areas along the corridor where we can improve the safety and comfort of road users.

These areas were identified during the first phase of engagement, through ongoing communication with residents, observations made by City staff and recent data collection.

The maps on the following info boards highlight these areas and provide information about changes we are investigating.





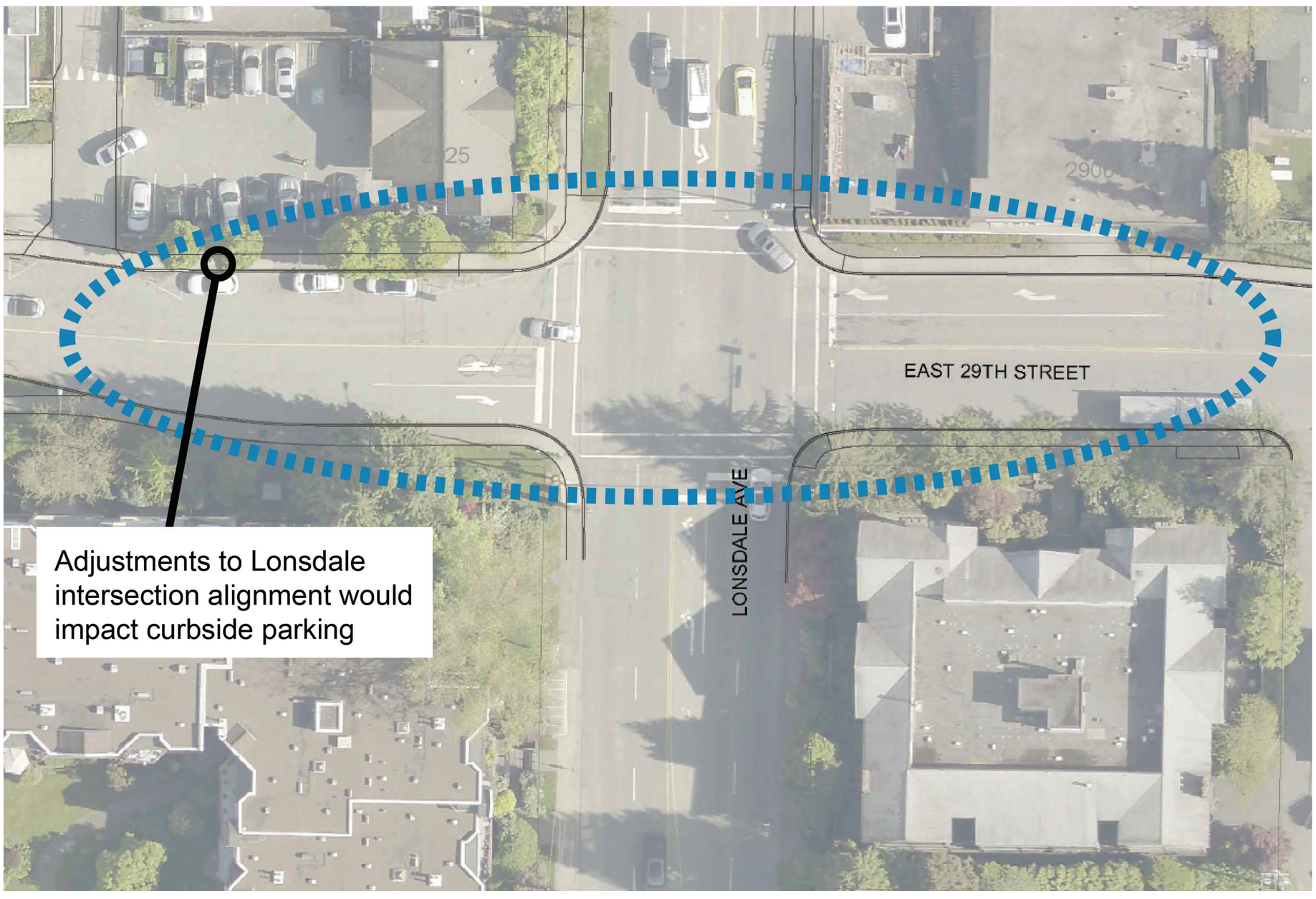
Learn more:
cnv.org/East29th

DISTRICT OF NORTH VANCOUVER

city of north vancouver

EAST 29TH STREET
SAFETY IMPROVEMENTS

AREA 1 - LONSDALE INTERSECTION



OPPORTUNITIES FOR IMPROVEMENT:
A safety review of the intersection identified multiple collisions with pedestrians and cyclists when trying to make a left turn from E 29th Street.

CHANGES WE ARE INVESTIGATING:
Adding eastbound and westbound left turn bays.

- Provides a dedicated space for vehicles to make a left turn, allowing drivers to concentrate on making a safe turn with less pressure from following vehicles.
- Improves visibility of oncoming traffic, helps drivers better predict when it is safer to make the turn and reduces rear-end collisions.

Providing an advance left turn signal for drivers.

- Can reduce pedestrian involved collisions by separating pedestrians and left turn vehicle movements.
- Increases the capacity of the intersection by moving more vehicles turning onto Lonsdale. This can reduce the attraction to cut through local streets.

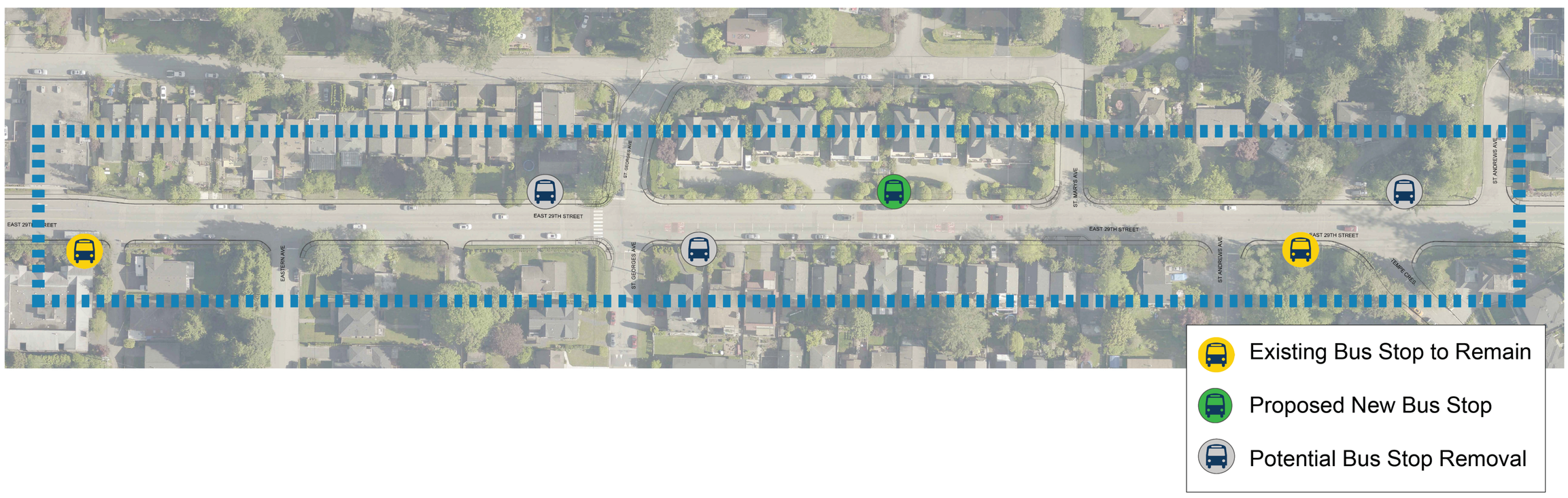
Learn more:
cnv.org/East29th

DISTRICT OF NORTH VANCOUVER

city of north vancouver

EAST 29TH STREET
SAFETY IMPROVEMENTS

AREA 2 - TRANSIT STOPS



OPPORTUNITIES FOR IMPROVEMENT:

The existing westbound bus stop at St. Andrews is currently at the bottom of the hill. Bus drivers have expressed concerns about sliding in wet and snowy conditions.

Consolidating bus stops to increase speed and reliability of transit service, reducing the amount of stopping and starting necessary.

CHANGES WE ARE INVESTIGATING:

Moving the westbound bus stop at St. Andrews to a flatter location between St. Georges and St. Marys where the slope is less steep. This would result in 4-5 curbside parking spaces being removed.

Removing the existing westbound bus stop west of St Georges.

Removing the existing eastbound bus stop at St. Georges due to low usage and close proximity to neighbouring Lonsdale and St Andrews stops.

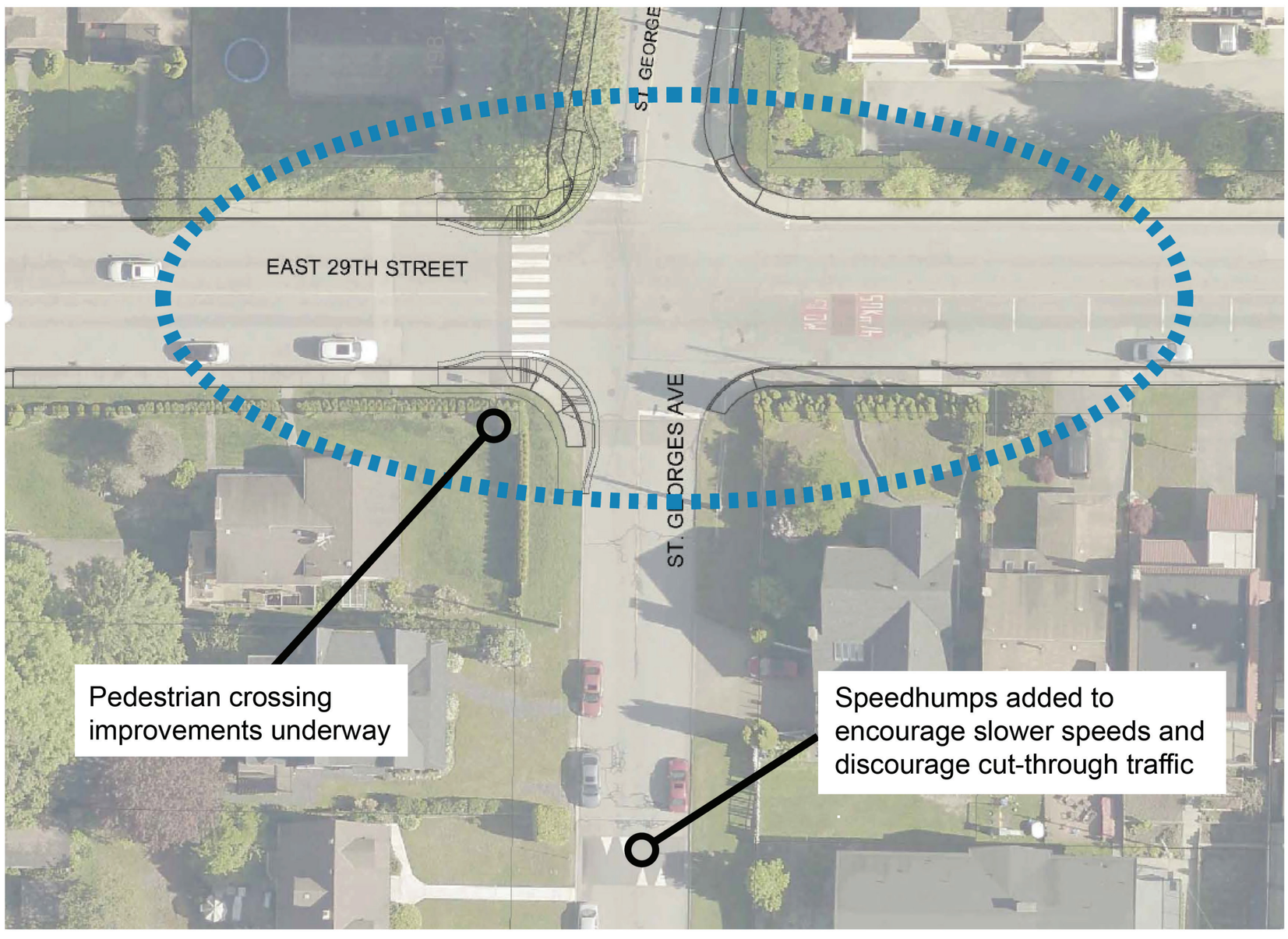
Learn more:
cnv.org/East29th

DISTRICT OF NORTH VANCOUVER

city of north vancouver

EAST 29TH STREET
SAFETY IMPROVEMENTS

AREA 3 - ST. GEORGES



OPPORTUNITIES FOR IMPROVEMENT:
A safety review of the intersection identified multiple collisions with pedestrians and cyclists when trying to make a left turn from E 29th Street.

Observations from the community and data indicate drivers are seeking to avoid congestion on Lonsdale by using local streets.

CHANGES WE ARE INVESTIGATING:
Adding eastbound and westbound left turn bays.

- Provides a dedicated space for vehicles to make a left turn, allowing drivers to concentrate on making a safe turn with less pressure from following vehicles.
- Improves visibility of oncoming traffic, helps drivers better predict when it is safer to make the turn and reduces rear-end collisions.

Through the Upper Levels Greenway project, we will explore ways to reduce short-cutting on local streets.

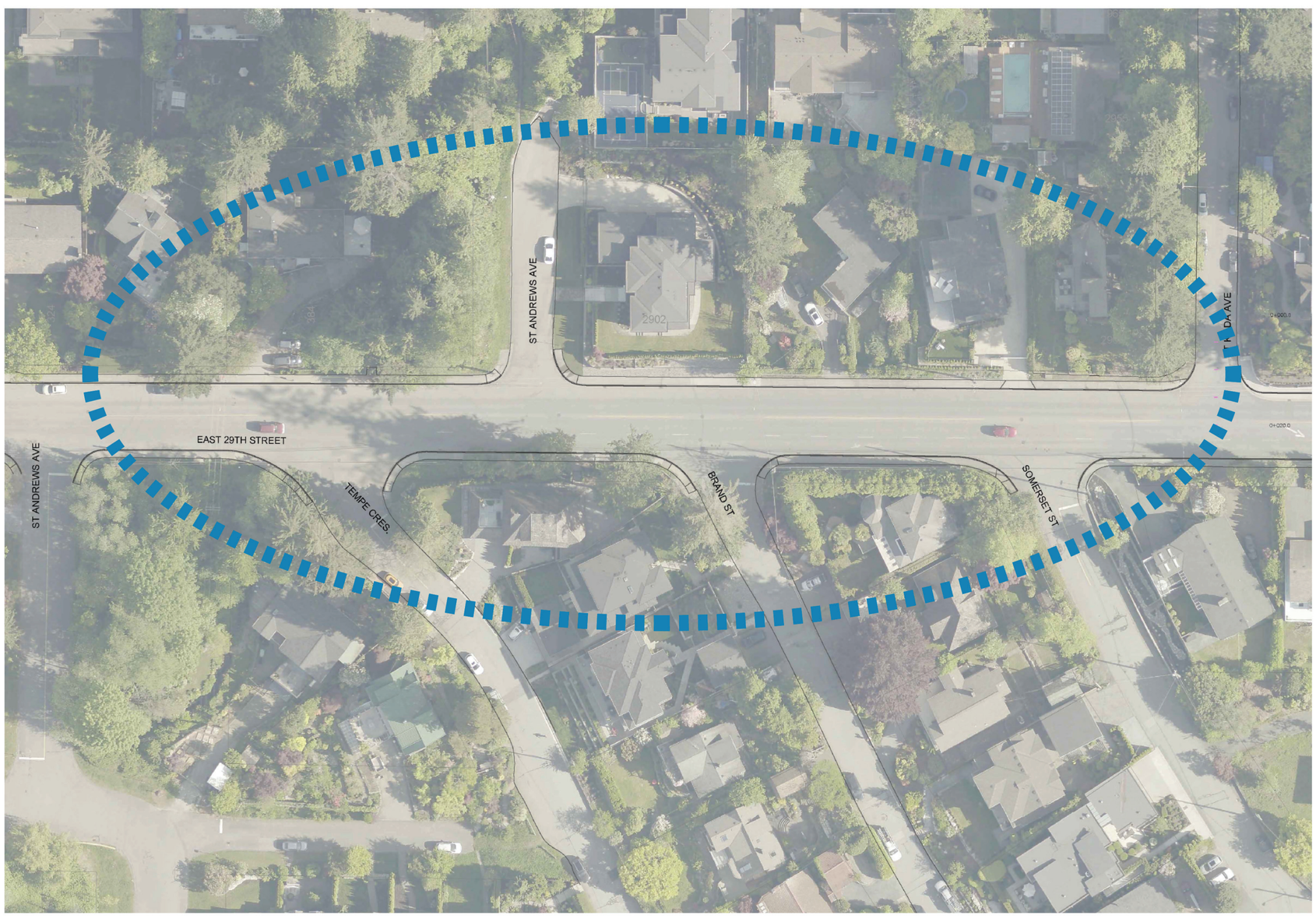
Learn more:
cnv.org/East29th

DISTRICT OF NORTH VANCOUVER

city of north vancouver

EAST 29TH STREET
SAFETY IMPROVEMENTS

AREA 4 - EAST 29TH STREET HILL



OPPORTUNITIES FOR IMPROVEMENT:
Turning onto E 29th from some side streets and driveways can be challenging due to a lack of visibility from the steep hill and vehicle speeds.

The hill makes it difficult to react to vehicles making left turns from E 29th onto side streets such as Somerset, Brand, and St Kilda.

CHANGES WE ARE INVESTIGATING:
Left turn restrictions from Somerset, Brand, and St Kilda onto E 29th where there is insufficient visibility due to the hill.

Adding left turn bays on E 29th to access side streets where space and sightlines allow.

- Provides a dedicated space for vehicles to make a left turn, allowing drivers to concentrate on making a safe turn with less pressure from following vehicles.
- Reduces rear-end collisions.

CHANGES WE ARE INVESTIGATING:
Restricting left turns from E 29th onto side streets where sightlines and space can't accommodate a left turn bay.

Adding 'fog lines' offset from the curb.

- Reduces travel lane widths so they are appropriately sized for the posted speed limit of 50km/h.
- Provides space for drivers exiting driveways to safely pull out to see oncoming traffic without blocking a traffic lane.

Learn more:
cnv.org/East29th

DISTRICT OF NORTH VANCOUVER

city of north vancouver

EAST 29TH STREET
SAFETY IMPROVEMENTS

CORRIDOR-WIDE IMPROVEMENTS



Vehicle speeds along E 29th have been a key issue identified for resolution. The following measures are proposed to encourage compliance with the speed limit:

- Reduced travel lane widths that are appropriately sized for the posted speed limit of 50km/h
- Digital speed readers to be periodically installed along the corridor to remind drivers of the speed limit.
- Continued partnership with RCMP on enforcement.

Residents with driveways facing E 29th identified visibility challenges when exiting driveways.

- Painted buffer zones westbound from St Andrews to Somerset and eastbound from St Marys to Regent will improve sightlines by allowing drivers to pull out further to see oncoming traffic.

Learn more:
cnv.org/East29th

DISTRICT OF NORTH VANCOUVER

city of north vancouver

EAST 29TH STREET
SAFETY IMPROVEMENTS

HOW YOU EXPERIENCE THE STREET

We'd like to hear from you to learn more about how you are experiencing the street.

Please write your comments on a sticky note and place it on the map at the appropriate location.

You can tell us about one location or multiple locations along the corridor.



Learn more:
cnv.org/East29th

DISTRICT OF NORTH VANCOUVER

city of north vancouver

EAST 29TH STREET
SAFETY IMPROVEMENTS

HOW YOUR INPUT IS USED

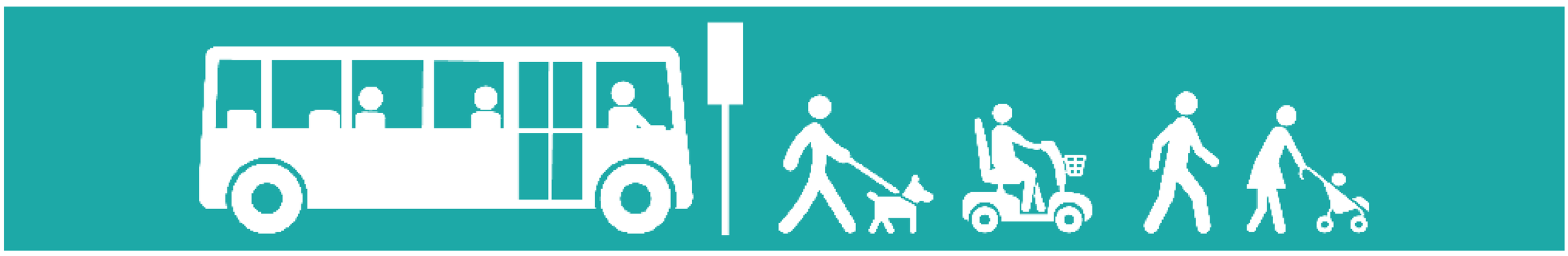
The input you share will help us make decisions about the roadway improvements planned for summer 2024 and will be considered along with City policy, industry standards and physical constraints of the roadway.

NEXT STEPS

Winter 2023/2024 - share what we heard during this engagement and present the final design for roadway improvements. Seek approval from Council to proceed with construction.

Summer 2024 - construction begins. Anticipated completion is fall 2024.

Thank for you joining us and sharing your input!



Learn more:
cnv.org/East29th

DISTRICT OF NORTH VANCOUVER

city of north vancouver