

# ① HASTINGS-SUNRISE (ADANAC OVERPASS) TRAFFIC CALMING

## What's happening

In early 2023, we heard from the community about local traffic issues and received feedback on our traffic calming toolkit.

We heard support for **keeping the Adanac Overpass open** for people walking, biking, taking transit, and driving.

Now we are **looking for community feedback on traffic calming measures** we are considering for the neighbourhood and on our **proposed design** for Adanac St.

<p><b>Phase 1</b> <i>March - April 2023</i></p> <p><b>Confirmed</b> key traffic issues related to vehicle volumes and speeds on local streets.</p> <p><b>Shared</b> how various traffic calming measures can address traffic challenges.</p>	<p><b>Phase 2</b> <i>August - September 2023</i></p> <p><b>Share</b> phase one engagement findings with community.</p> <p><b>Share</b> emerging traffic calming options, rationale and how community feedback has shaped proposed measures.</p> <p><b>Seek</b> feedback on proposed traffic calming measures and Adanac St. redesign.</p>	<p><b>Implementation: Traffic Calming</b> <i>2024 - 2025</i></p> <p><b>Refine</b> measures based on community feedback.</p> <p><b>Implement</b> traffic calming measures using interim materials (eg. concrete barriers).</p> <p><b>Monitor and adjust.</b></p>	<p><b>Implementation: Adanac St.</b> <i>2025 Onwards</i></p> <p><b>Full build of Adanac St. 2025 onwards.</b></p> <p><b>Refine design</b> for Adanac St. and connect with local residents prior to construction as needed.</p>
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## SHARE YOUR FEEDBACK!

-  **Take our online survey by Friday, September 29**
-  **Attend our online workshop**
  - Wednesday, September 20 at 6:30pm
-  **Visit one of our three pop-ups**
  - Thursday, September 14, 2:30pm - 6:00pm  
Hastings Community Centre
  - Saturday, September 16, 9:00am - 1:00pm  
Adanac Park (near the playground)
  - Thursday, September 21, 2:30pm - 6:00pm  
Hastings Community Centre

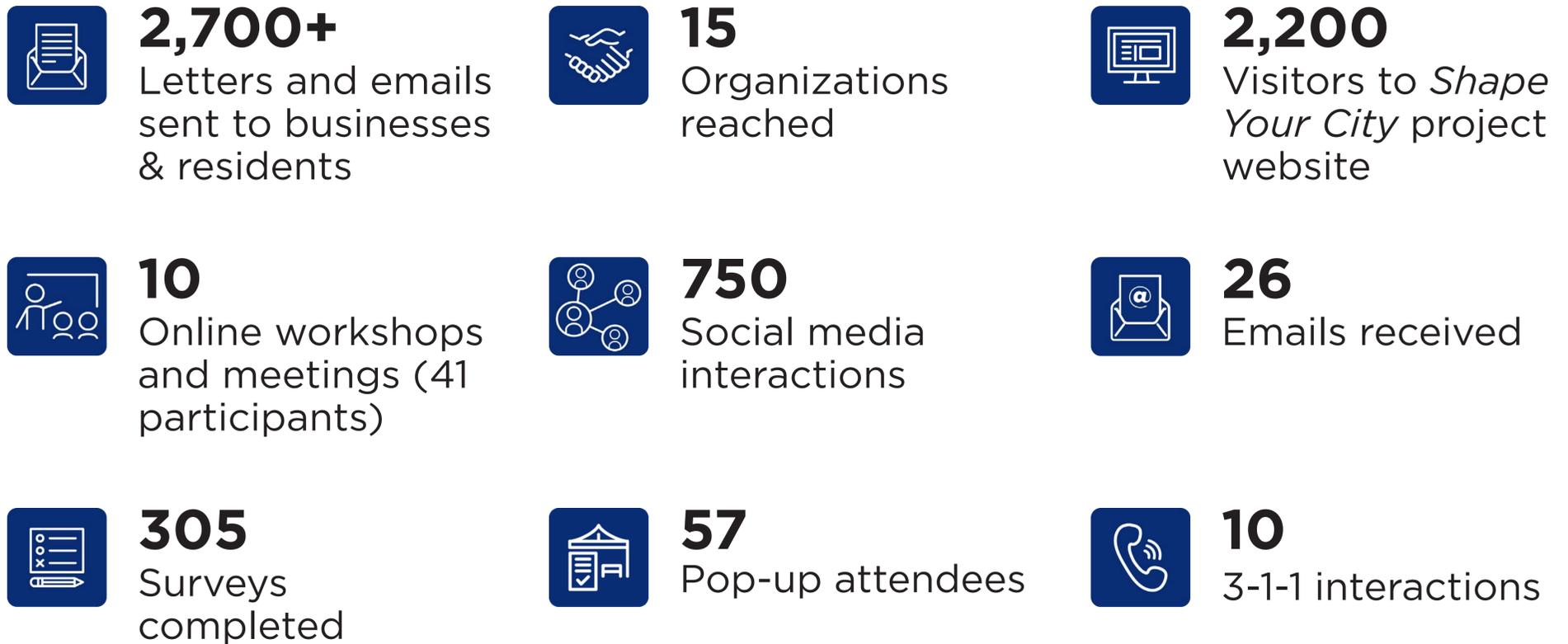


**SCAN HERE**  
to visit our webpage!

# 2 WHAT WE HEARD

## Phase 1 engagement summary

In Spring 2023, we engaged the community on their local traffic concerns. Here is a snapshot of our phase one engagement:



There were several themes that stood out during our phase one engagement:



A majority of people agreed with the data we presented on vehicle speeds and volumes in the neighbourhood.



We heard that vehicle speeds, across the neighbourhood, were higher than desired.



We also heard the need to improve pedestrian crossing safety near schools and community amenities.

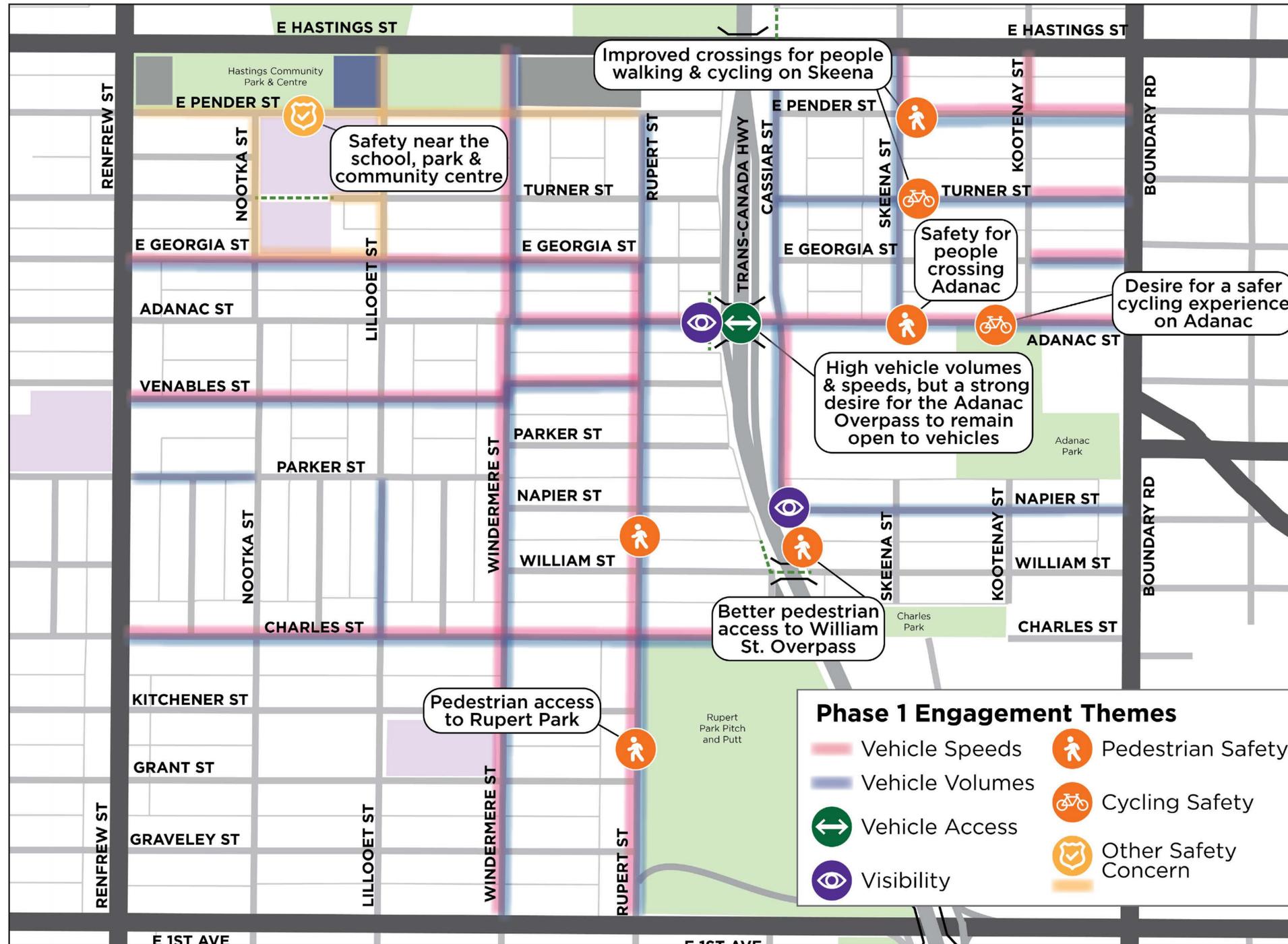


Many people wanted to see traffic calming measures that reduce vehicle speeds and volumes, and improved safety and comfort for people walking and biking.

These themes do not represent all feedback received and additional details are discussed for each theme in our engagement summary found on the project webpage.

# 3 WHAT WE HEARD

## Areas of concern



We heard concerns from many people in different areas of the neighbourhood. Key themes included high vehicle volumes, speeds, and safety for people walking and biking. Many of these themes could be found in specific areas of the neighbourhood.



High vehicle speeds and volumes on Adanac St.



Safety near community amenities, schools and parks.



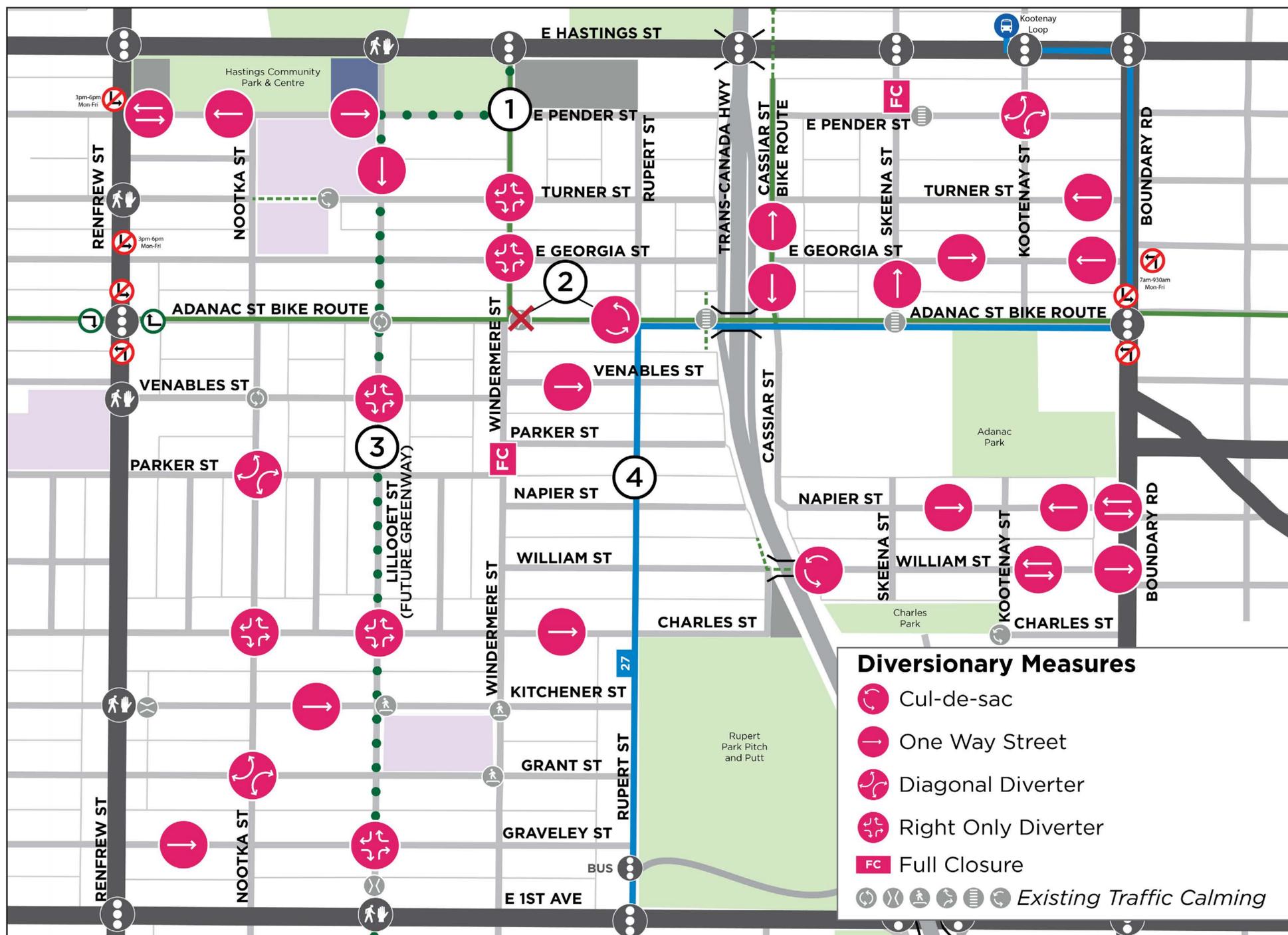
Pedestrian access to Rupert Park.



Desire for safer biking on Adanac St.

# 4 WHAT WE ARE CONSIDERING BASED ON FEEDBACK

## Measures to lower vehicle volumes



**Vehicle diversionary measures** reduce high vehicle volumes by discouraging drivers from shortcutting along local streets to access the Adanac Overpass or avoid congested intersections. Driving to and from a destination in the neighbourhood will remain under 6 minutes and access to all homes and businesses will be maintained. Key considerations include:

1. Maintain two-way vehicle access from E Hastings St. onto **Lillooet and Windermere St.** to allow access to Hastings Community Centre and the Emergency Operations Centre. Through the design of the Greenway connection to Lillooet St., additional measures at **Windermere and Pender St.** may be required.
2. Remove diverter at **Windermere St.** and replace with cul-de-sac at Rupert St. (see Board 7 for details).
3. Direct vehicles away from **Lillooet St.**, a future greenway route. Lowering vehicle volumes will improve comfort for people walking and biking, particularly near two neighbourhood schools.
4. Direct drivers onto **Rupert St.** when accessing the Adanac Overpass (see Board 5 for additional safety measures). Rupert St. at E 1<sup>st</sup> Ave. will remain open to southbound vehicles exiting the neighbourhood.

On local streets with higher vehicle volumes, staff are considering interconnected one-way streets with diverters at key intersections to discourage short-cutting. All measures will be built using interim materials (as shown below) to allow for trial and adjustment.



Cul-de-sac



One Way Street



Diagonal Diverter



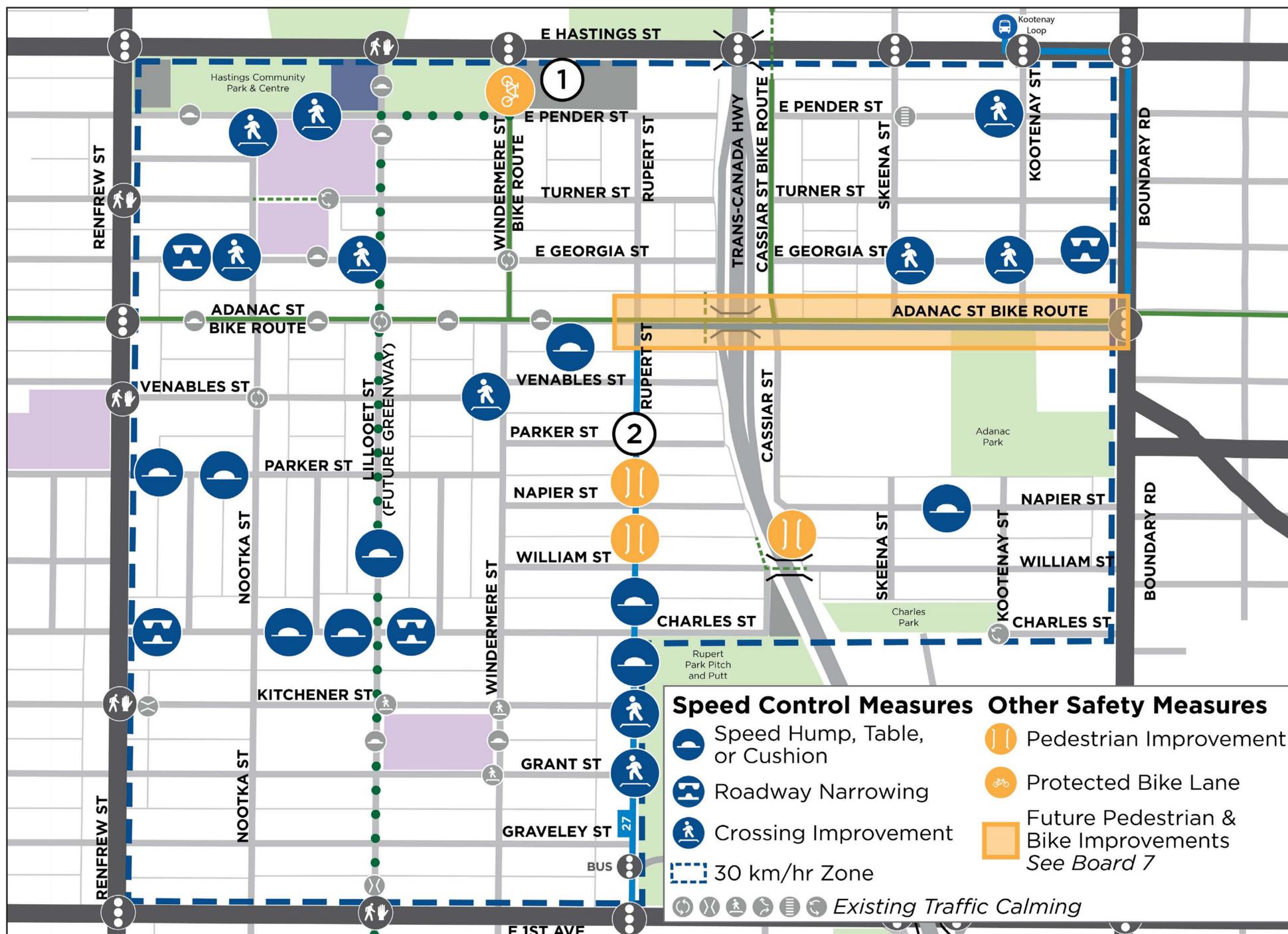
Right-Only Diverter



Full Closure

# 5 WHAT WE ARE CONSIDERING BASED ON FEEDBACK

## Speed control & safety measures



**Speed control measures** encourage drivers to slow down when using local streets. **Safety improvements** are measures that address safety for people walking, biking and rolling. Key considerations include:

- 1. Windermere St.** - A protected bike lane and improved pedestrian crossings on Windermere St. between E Hastings St. and E Pender St. Vehicle access will not change.
- 2. Rupert St.** - Add speed reduction measures and pedestrian safety improvements on Rupert St., to slow vehicles and improve access to Rupert Park for people walking.

**A new 30km/hr zone will be created within the neighbourhood.** On some wider streets, roadway narrowing will support slower vehicle speeds and give a visual clue for drivers to slow down. All measures will be built using interim materials (as shown below) to allow for trial and adjustment.



**Speed Hump, Table or Cushion**



**Roadway Narrowing**



**Crossing Improvement**



**Pedestrian Improvement**



**Protected Bike Lane**

# ⑥ WHY UPGRADE ADANAC ST?

## Improving Adanac St. for all

Keeping the Adanac Overpass open and accessible for all modes of transportation influenced the design of upgrades on Adanac St. Our key considerations included:



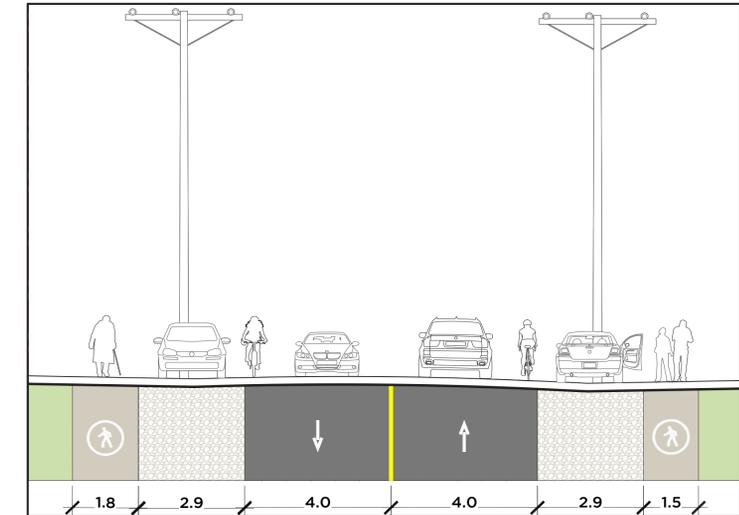
**Important connection** for people walking (450 per day). Adanac St. currently has a number of unmarked crossings and missing curb along Adanac St.



**Regional greenway** for people biking (1,000 per day). Currently not All Ages and Abilities (AAA) and people biking need to mix with people driving.



**High vehicle volumes** (3,800 per day) and transit usage (1,600 bus passengers per day) along Adanac St.



**Improving Adanac St.** safety and comfort for all **within existing street width.**

Adanac St. is an important connection for people living in and around the neighbourhood. The proposed redesign aligns with Council supported policies such as *Transportation 2040*, improving greenways (*Vancouver Plan*), and making transit and active transportation an easier and safer choice (*Climate Emergency Action Plan*). The proposed design aims to:



**Provide an AAA protected bike lane.**



**Improve connections and accessibility for people walking.**



**Maintain access on the Adanac Overpass for all modes of transportation.**



**Include improvements to increase safety and comfort between people driving/parking and those using active transportation.**

# 7 ADANAC ST. DESIGN CONSIDERATIONS

## Exploring temporary vs. full build

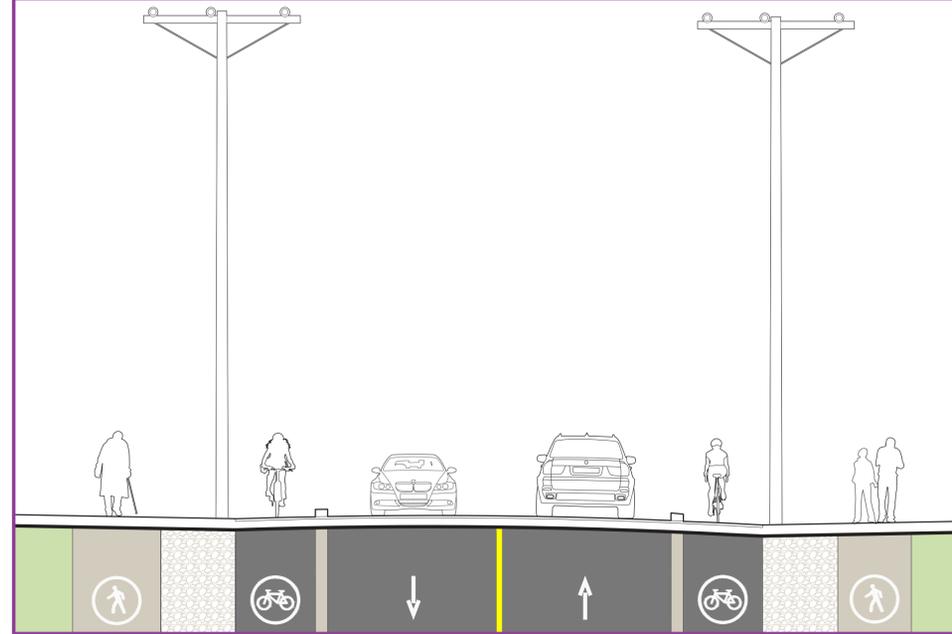
Staff reviewed options to redesign Adanac St. between Rupert St. and Boundary Rd., including an alternative route. The design being considered aims to improve safety, comfort and accessibility for all road users. Based on community feedback from phase one, the **Full Build** option addresses more safety and accessibility concerns while maintaining some on-street parking.

### Current Conditions



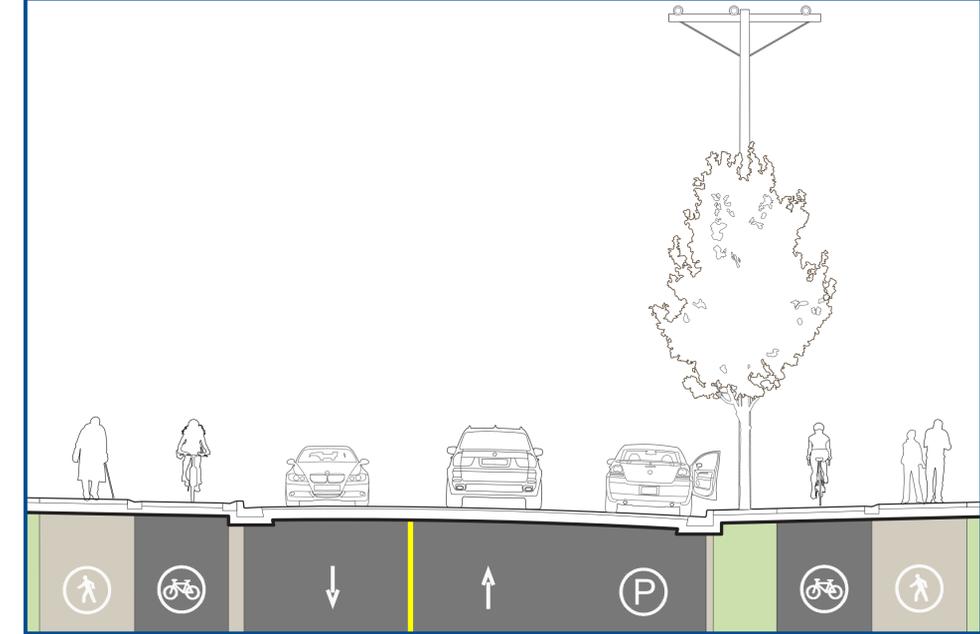
- No physical separation between sidewalk and parking lane. Cars observed parking on sidewalk.
- People biking need to mix with cars and buses or ride on gravel.
- Cars park close to intersections/crosswalks creating visibility challenges for people crossing the street.

### Temporary Build - Adanac St.



- Provides limited improvements to sidewalks and crosswalks.
- Limits opportunities for vehicle speed reduction measures.
- Creates a less comfortable biking experience compared to a full build.
- Removes 100% of parking on Adanac St.

### Full Build - Adanac St.

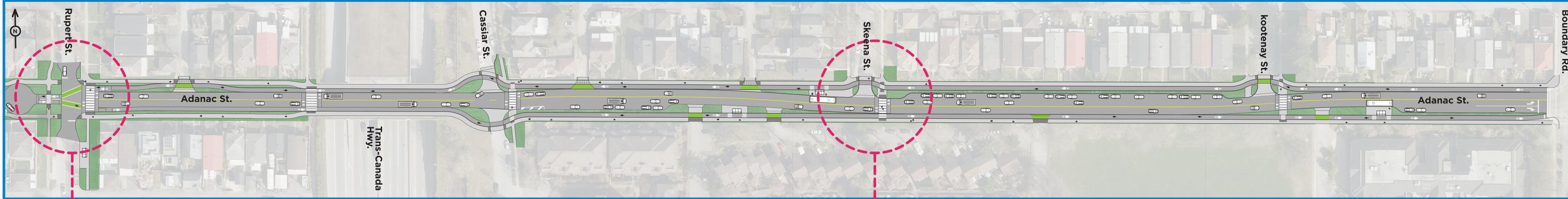


- Provides high quality walking and biking infrastructure and vehicle speed reduction measures on Adanac St.
- Allows opportunity for landscaping and other aesthetic improvements.
- Maintains some parking on Adanac St.

# 8 ADANAC ST. PROPOSED DESIGN

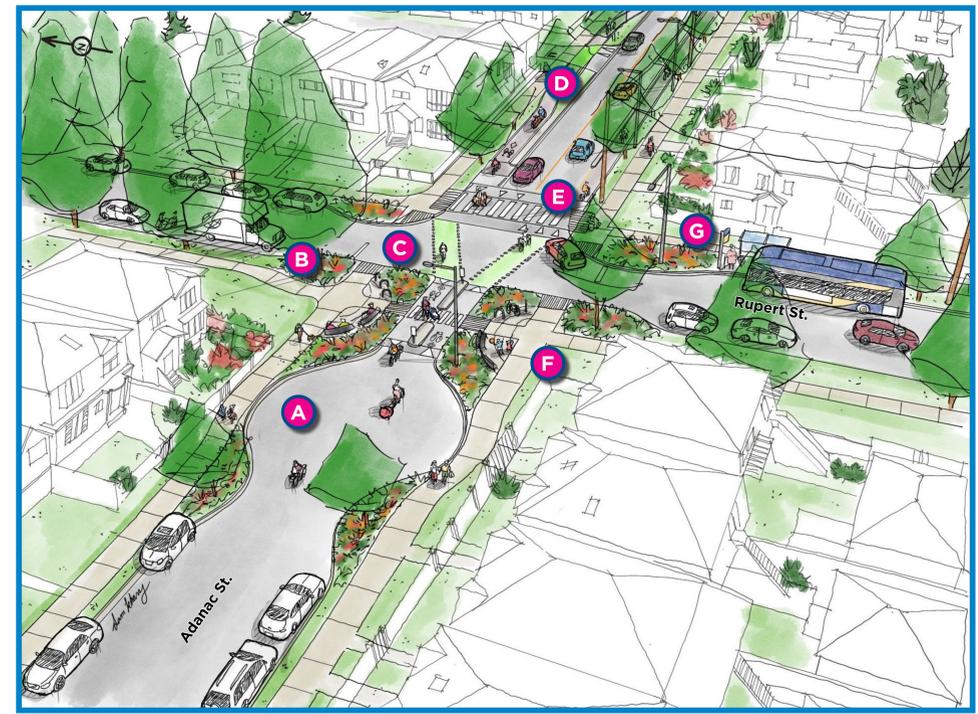
## Full build - Adanac St. plan

Keeping the Adanac Overpass open for all modes of transportation influenced the redesign of Adanac St. The design being considered maintains access on the Adanac Overpass for everyone, provides an all ages and abilities (AAA) bike lane, and includes improvements to increase safety and comfort. This full build design of Adanac St. aims to retain parking for adjacent residents. **The full build out of Adanac St. is expected to take place in 2025 and beyond.** As we refine the design, staff will connect with local residents as needed.



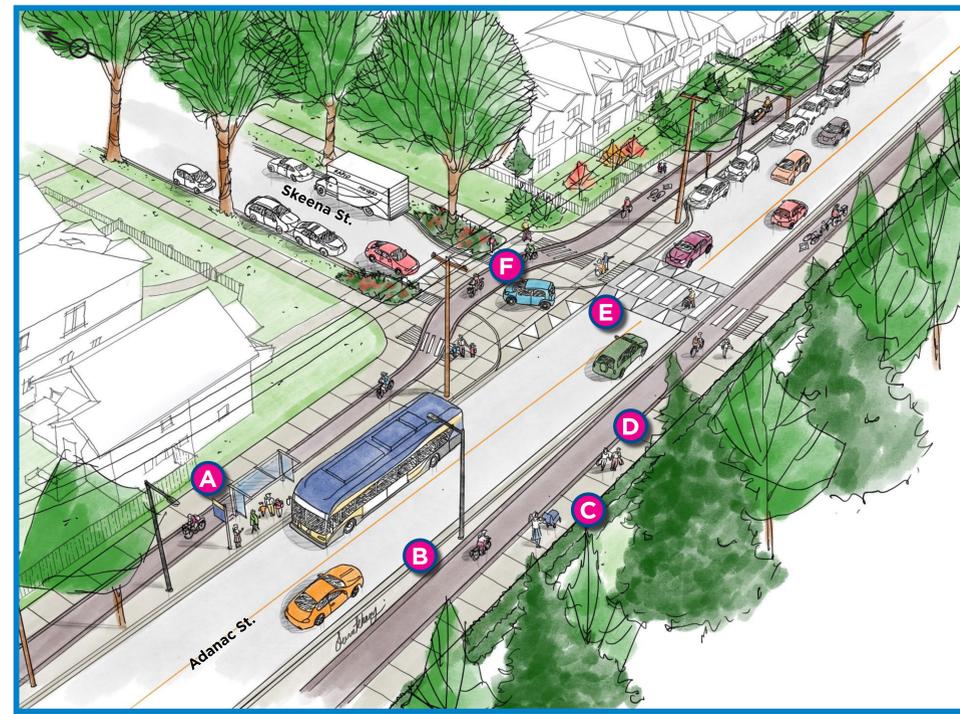
### Adanac St. at Rupert St.

- A** New cul-de-sac on Adanac St. at Rupert St.
- B** Parking changes provide space to serve all transportation modes with the overpass remaining open
- C** Improved crossing for people biking on Adanac St.
- D** Protected bike lane meeting AAA guidelines
- E** Raised crossing or crosswalk with speed table
- F** Sidewalk separated from moving vehicles increases safety for people walking
- G** Relocated transit stop onto Rupert St.



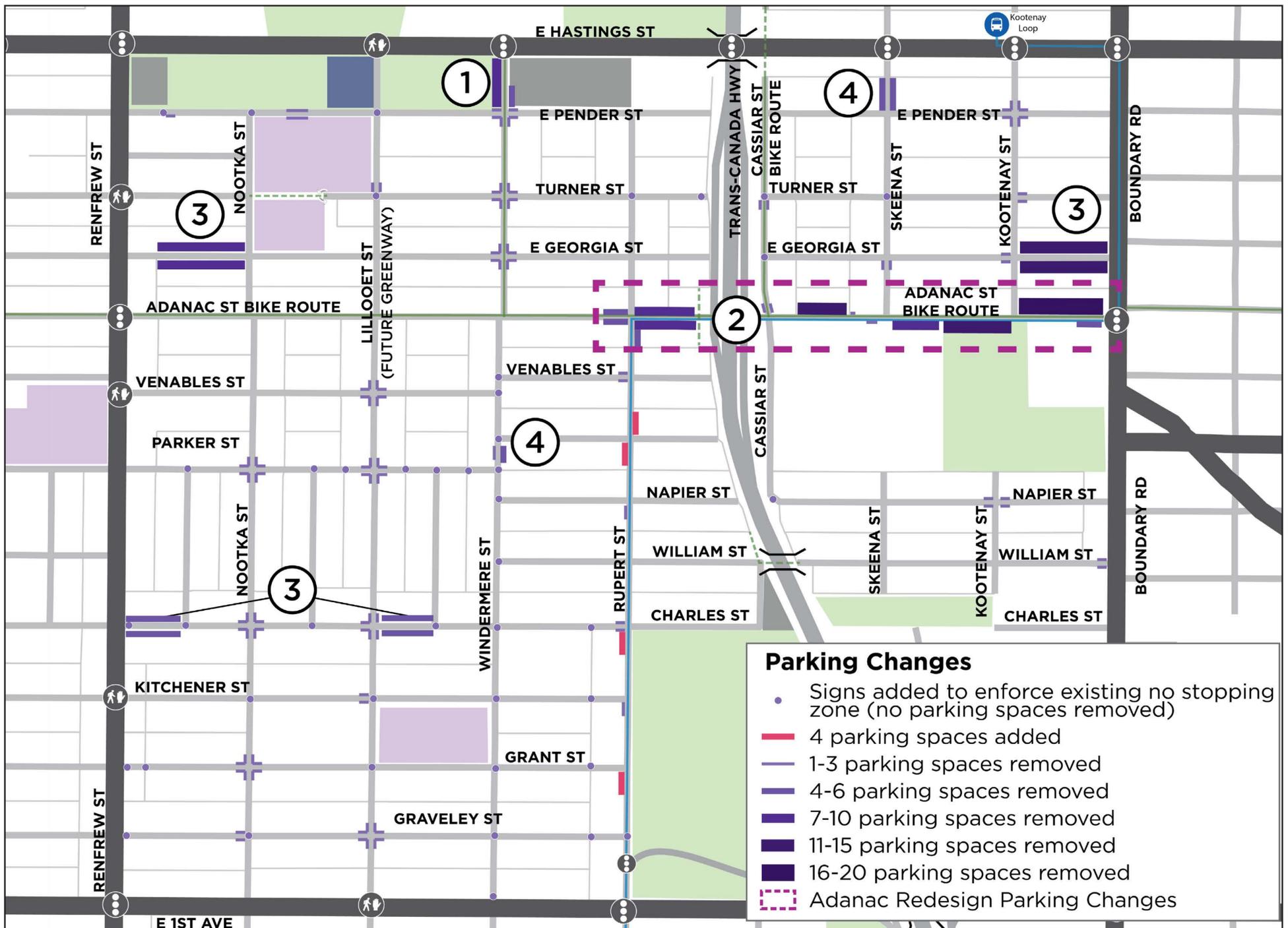
### Adanac St. at Skeena St.

- A** Improved transit stops for safety and comfort
- B** Parking changes provide space to serve all transportation modes with the overpass remaining open
- C** Better sidewalk separation from moving vehicles increases safety for people walking
- D** Protected bike lane meeting AAA guidelines
- E** Raised crossings at Adanac St. & Skeena St. help improve speed control and visibility
- F** Continuous sidewalk and bike lane to reinforce priority along Adanac St.



# 9 WHAT WE ARE CONSIDERING BASED ON FEEDBACK

## Parking



There are approximately **4,000 on-street parking spots** within the neighbourhood. Of these, 88% are unrestricted parking, 10% are resident parking, and 2% are other types of parking like time limited parking, school pick-up/drop-off zones, and commercial loading zones.

We are considering removing parking in certain areas to ensure emergency vehicles can safely maneuver around new traffic calming devices. Total number of parking spaces to be removed depends on the traffic calming measures installed. Most of the parking changes are focused on Adanac St. to help accommodate new walking and biking facilities as well as improve visibility. Parking changes on Adanac St. are expected to take place during the Adanac St. redesign (2025 onward).

1. **Windermere St.** - Remove parking on Windermere St. between E Hastings and E Pender St. to accommodate new biking facilities and improve safety for people walking.
2. **Adanac St.** - In order to accommodate new sidewalks, new protected bike lanes, and ensure continued reliable transit service on Adanac St., the proposed design removes up to 60% of on-street parking on Adanac St.
3. **E Georgia & Charles St.** - Up to half of the parking spots on each side of the street may need to be removed as part of the roadway narrowing.
4. **Windermere & Skeena St.** - All the parking will be removed on the blocks that will be fully closed to vehicles.

**Transit Changes** - To improve bus speed and reliability, some bus stops on Rupert & Adanac St. will be moved (see board 8). Final changes will be made in consultation with TransLink and CMBC, but this may result in up to 8 parking spots being added to Rupert St.

# 10 WE WANT YOUR FEEDBACK!

Do these proposed traffic calming measures address the traffic issues that are important to you in this neighbourhood? Are there any gaps or considerations with the proposed measures?



Is there an element of the proposed Adanac St. design you would like us to re-examine? Is there anything we may have missed?

# 11 WHAT'S NEXT

## Timeline

<p><b>Phase 1</b> <i>March - April 2023</i></p> <p><b>Confirmed</b> key traffic issues related to vehicle volumes and speeds on local streets.</p> <p><b>Shared</b> how various traffic calming measures can address traffic challenges.</p>	<p><b>Phase 2</b> <i>August - September 2023</i></p> <p><b>Share</b> phase one engagement findings with community.</p> <p><b>Share</b> emerging traffic calming options, rationale and how community feedback has shaped proposed measures.</p> <p><b>Seek</b> feedback on proposed traffic calming measures and Adanac St. redesign.</p>	<p><b>Implementation: Traffic Calming</b> <i>2024 - 2025</i></p> <p><b>Refine</b> measures based on community feedback.</p> <p><b>Implement</b> traffic calming measures using interim materials (eg. concrete barriers).</p> <p><b>Monitor and adjust.</b></p>	<p><b>Implementation: Adanac St.</b> <i>2025 Onwards</i></p> <p><b>Full build of Adanac St. 2025 onwards.</b></p> <p><b>Refine design</b> for Adanac St. and connect with local residents prior to construction as needed.</p>
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## Online workshop

Join us at our online workshop session to learn more about the proposed traffic calming measures and proposed design for Adanac St.

- **Wednesday, September 20, 2023 at 6:30pm**

## Survey

Please take our survey to provide your feedback on proposed traffic calming measures and proposed design for Adanac St.

- **Survey closes Friday, September 29, 2023**

## Get in touch



[adanac-overpass@vancouver.ca](mailto:adanac-overpass@vancouver.ca)



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