

ActiveTO: Temporary Bike Lanes on Brimley Road

Updates and Next Steps

The meeting will begin in a few minutes.

As you wait, please **Mute** your audio.

Having audio issues? Switch from the “Use Internet” to the “Audio to Call Me.”

I would like to acknowledge the land we are on is the traditional territory of many nations including the Mississaugas of the Credit, the Anishnabeg, the Chippewa, the Haudenosaunee and the Wendat peoples and is now home to many diverse First Nations, Inuit and Métis peoples. We also acknowledge that Toronto is covered by Treaty 13 with the Mississaugas of the Credit.

Purpose and Objectives

- Present an update on the temporary bike lanes on Brimley Road
- Hear from you! Your questions, comments, and suggestions

Agenda

1. **Introductions** (5 minutes)

- Deputy Mayor Michael Thompson, Ward 21
- Councillor Gary Crawford, Ward 20
- Barbara Gray, General Manager, Transportation Services

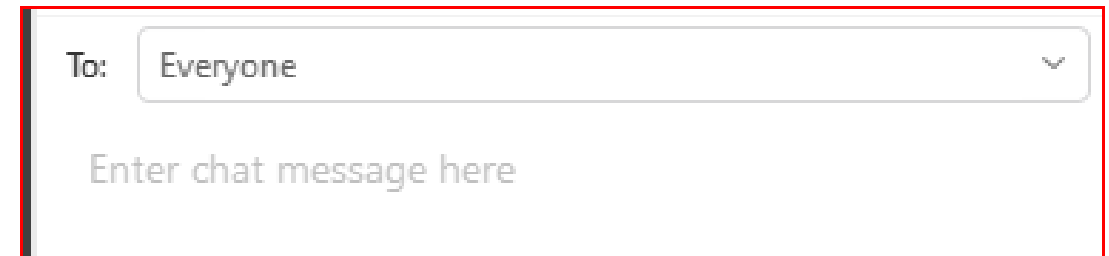
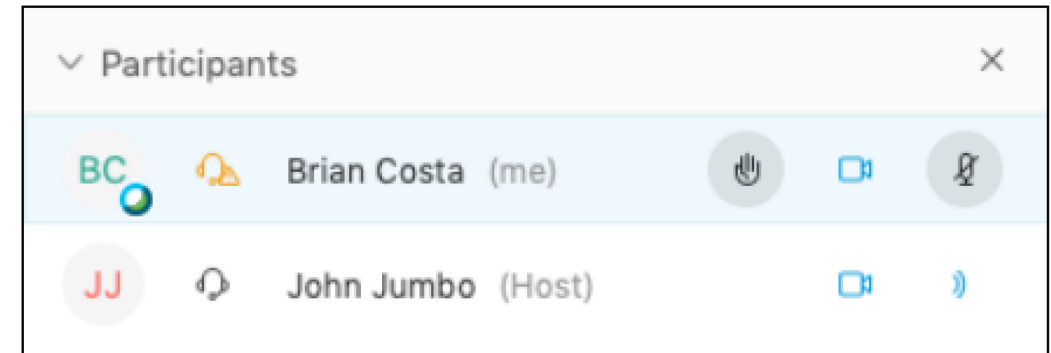
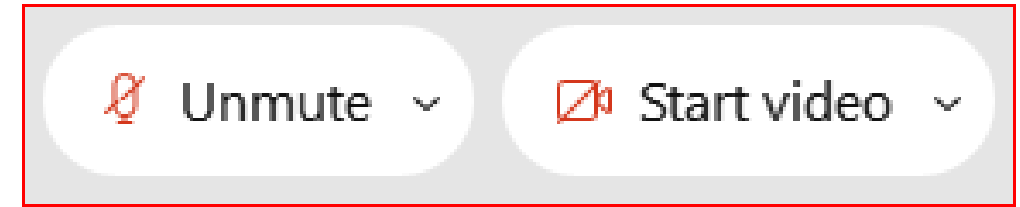
2. **Presentation** (20 minutes)

- Jacquelyn Hayward, Director, Project Design and Management, Transportation Services
- Becky Katz, Manager, Cycling and Pedestrian Projects, Transportation Services
- Saikat Basak, Senior Project Manager, Cycling and Pedestrian Projects, Transportation Services

3. **Questions and Answers** (20 minutes)

4. **Concluding remarks** (5 minutes)

- **Turn on or off your camera and mic**
 - See buttons at bottom middle of screen
 - Please mute your audio
- **Raise your hand to get the facilitator or presenter's attention**
- **Open the Chat to add a question or comment**
 - See button at bottom right
 - Set To: *Everyone*
 - Type your message and hit Enter



Participating by Phone?

To ask a question:

- Raise your hand by pressing ***3**.
- The Facilitator will call on you by mentioning the first few digits of your phone number.
- Please unmute yourself by pressing ***6**

After you've asked your question, press ***6** to mute yourself and ***3** to put your hand down.

Code of Conduct

- **One voice at a time.** Facilitator will call on participants who have their hands raised. Be direct and frame questions to specific speakers.
- **Be brief** and limit yourself to one question or comment at a time.
- **Be a good listener**
- **Be respectful.** The City of Toronto is an inclusive public organization. Racist or other forms of discriminatory, prejudicial or hateful comments and questions will not be tolerated and you will be removed from the meeting.

INTRODUCTIONS

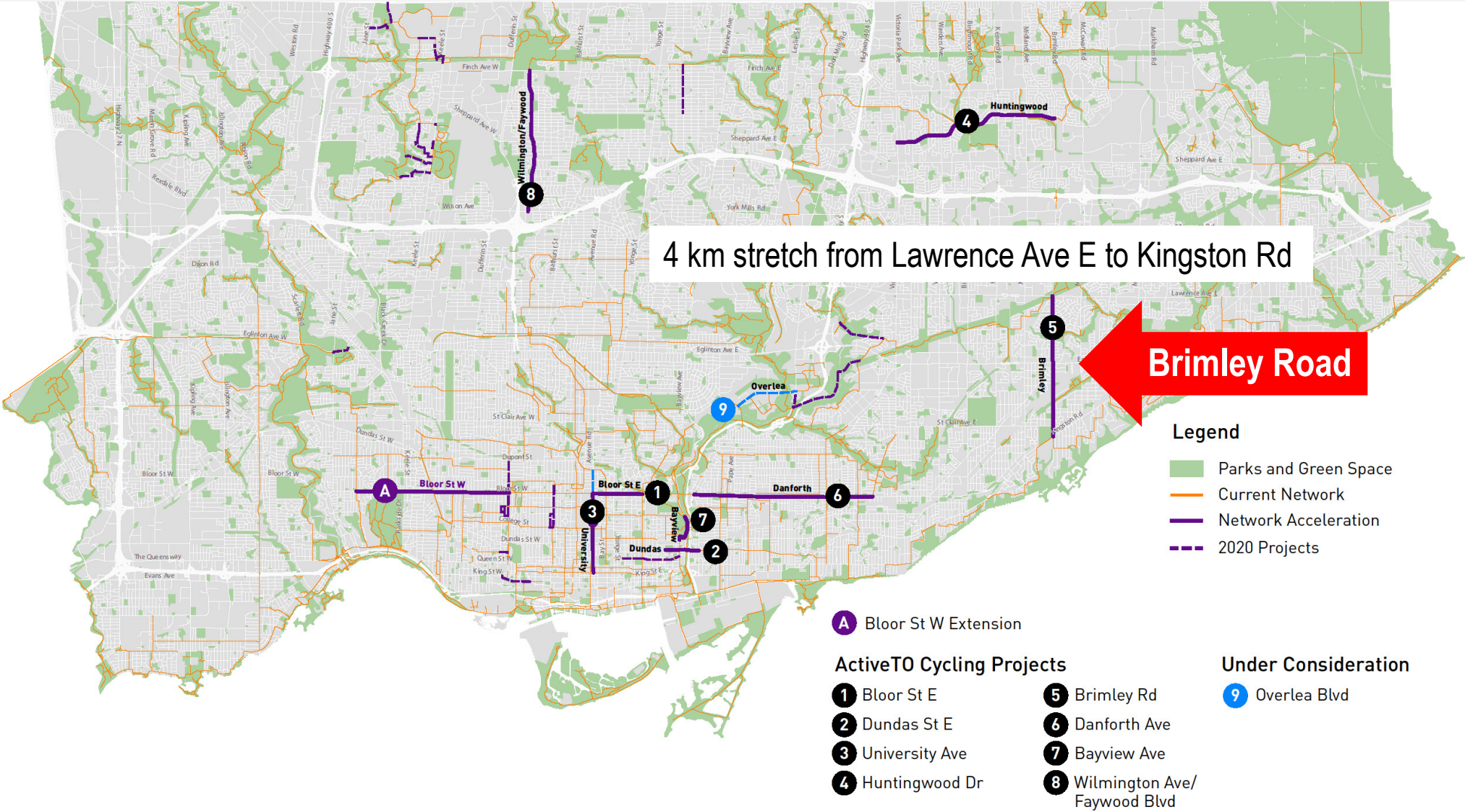


ACTIVETO | TEMPORARY BIKE LANES ON BRIMLEY ROAD

Updates and Next Steps

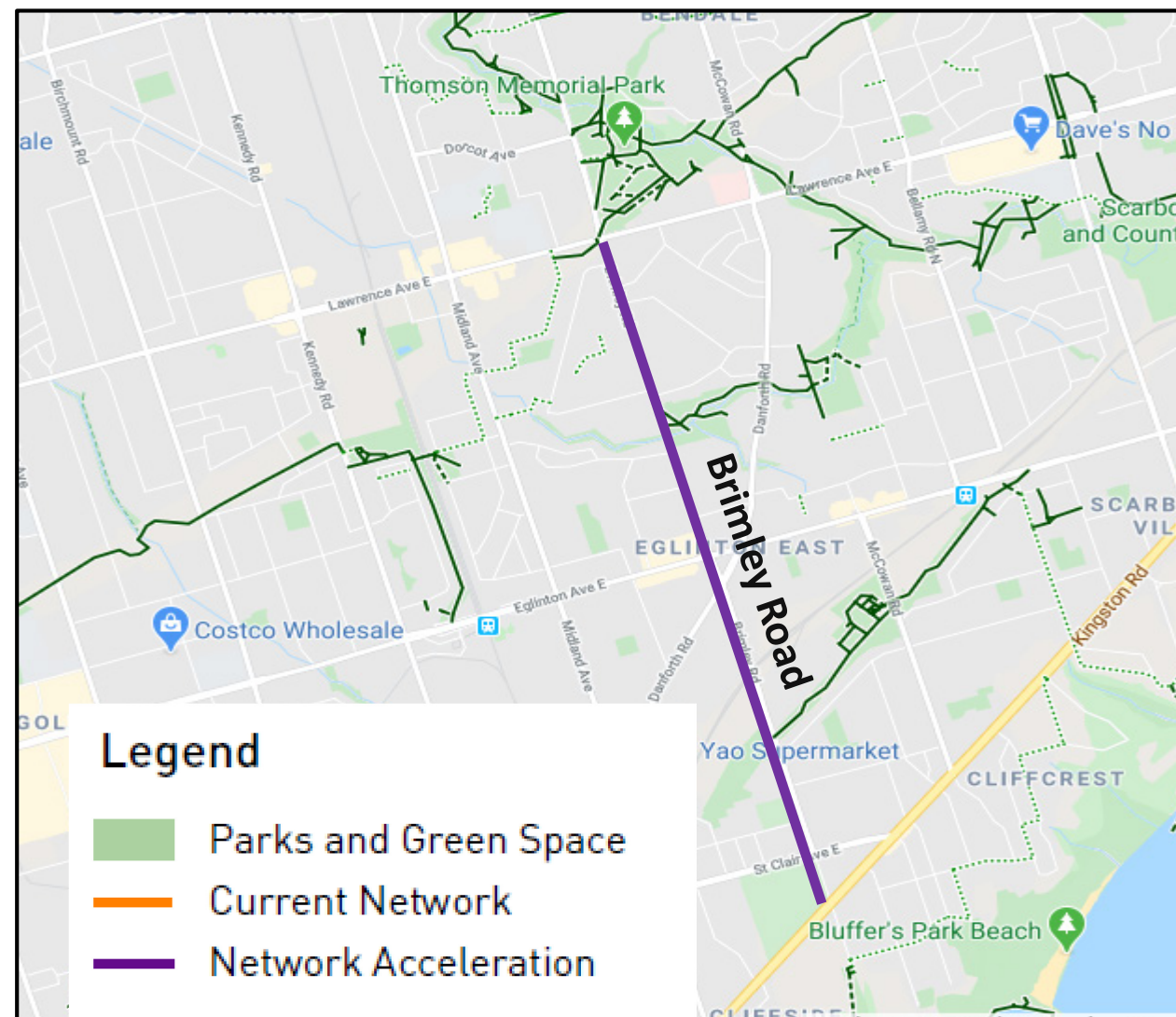
Virtual Public Meeting - November 30, 2020

ActiveTO | Council-Approved Accelerated Cycling Routes



ActiveTO: Why Brimley Road?

- Provides a safe, north-south connection in Scarborough
- Connects the Gattineau Trail system to Bluffers Park via Quiet Street cycling route on Brimley Rd south of Kingston Rd
- Connects to a variety of essential services (e.g. the intersection of Eglinton Ave E and Brimley Rd)
- Increases road safety.
 - +70% of vehicles are travelling 10km/h over the speed limit on this section of Brimley Rd.
 - There have been 3 fatalities (1 pedestrian, 2 motorists) in the past 5 years including 1 fatality from June 9, 2020
- Provides a safe, active transportation route for Eglinton East and Kennedy Park neighbourhoods



Installation of Brimley Road Temporary Bike Lanes

- The temporary bike lanes on Brimley Rd were installed in early July 2020
- Curb lanes were replaced by dedicated bike lanes and were separated by painted markings and bollards
- One vehicle travel lane in either direction and left turn lanes at major intersections were maintained
- On-street parking was removed along the corridor

Person cycling on Brimley Rd



At Eglinton Ave, looking south



ActiveTO Consultation Summary

The ActiveTO cycling expansion program was designed to be flexible and adaptable based on site observations and community feedback.

To date, staff have completed 6 site visits and have installed permanent counting technology on the corridor.

We have received and reviewed more than 250 emails and 10 phone calls.

Common Feedback

In support of the corridor changes:

- I feel safer cycling along Brimley Rd
- I am happy to see this in my neighbourhood
- I hope this will be extended to other areas in Scarborough

In opposition of the corridor changes:

- There is now greater congestion at intersections and along Brimley Rd
- There isn't room for emergency vehicles
- They aren't being used and will not be used in the winter by people cycling
- They should be temporary and taken down (especially during the winter)

Summary: Installation Adjustments

Based on the feedback and site observations, the following changes have been made:

- Removed flex posts in key locations for emergency vehicles and right turns (July – August)
- Addressed identified pedestrian safety issue at Seminole Ave (September)
- Increased north-south signal green time (October – November)
- Added shared right-turn lane and cycling facility at major intersections (November)
- Added dedicated left-turn lane at signalized intersections between Lawrence Ave and Eglinton Ave (November)

Preliminary Evaluation*

- **Comparison of motor vehicle volume:** Minor to moderate changes (+/-) at major intersections along the corridor
- **Comparison of bike volume:** Cycling volumes increased from about 35 people cycling per day to about 100 people cycling per day . The number of people cycling is reflective of the density and lack of on-street cycling network connectivity in the area
- **Comparison of vehicular travel time:** Increases in travel time at major intersections with significant increase at some intersections. Moderate travel time changes are partially associated with the lifting of various restrictions during the pandemic, but more significant increases are likely linked to the bike lane installation.

*Preliminary evaluation is based on available data to date. Collision data and November travel time and volume data is not yet available.

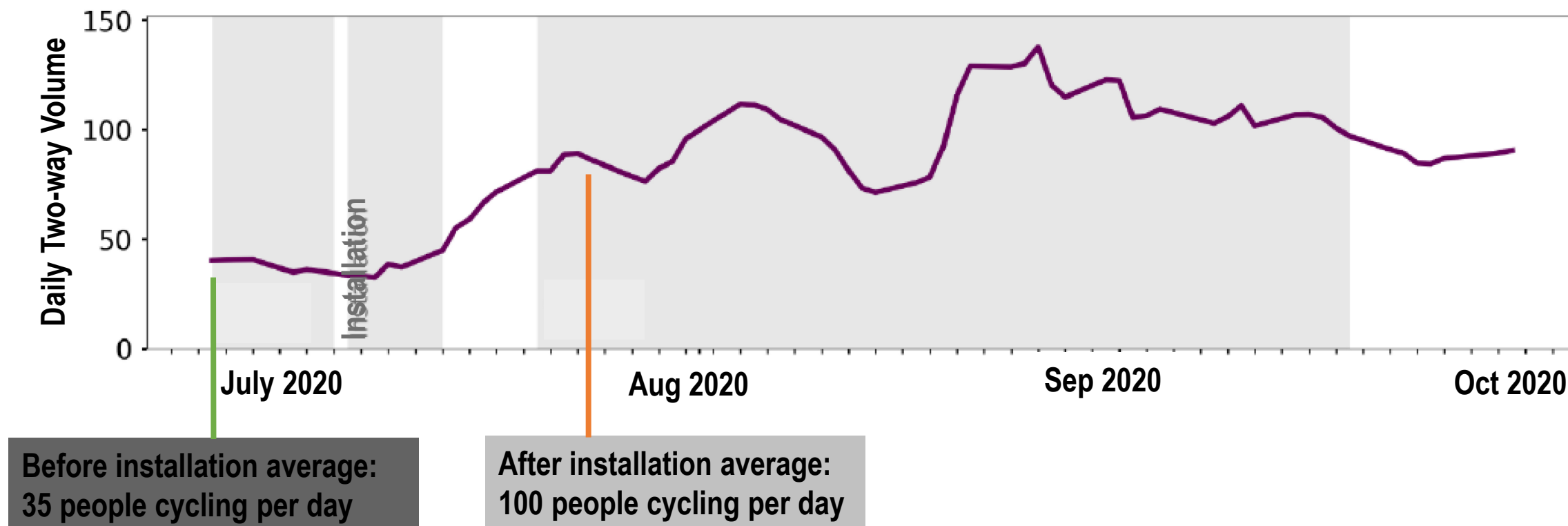
Changes in 8-Hour Motor Vehicle Volume

| Location | Pre-Bike Lanes Volume | Post-Bike Lanes Volume | Percentage Change |
|------------------|-----------------------|------------------------|-------------------|
| @ Lawrence Ave E | 10,121 | 11,843 | 17% |
| @ Eglinton Ave E | 7,917 | 8,334 | 5% |
| @ St Clair Ave E | 4,300 | 3,815 | -11% |

Notes:

- All volumes include total of southbound and northbound movements at above intersections
- Pre Installation Motor Vehicle Volume is based on the average of 8-hr counts conducted on June 3 and June 4, 2020
- Post Installation Motor Vehicle Volume is based on the average of 8-hr counts conducted on August 26 and August 27, 2020

Changes in Daily Bike Volume



Notes:

- Daily (6am-10pm) two-way north-south cycling volume at Brimley Rd and Eglinton Ave E, five-day moving average.

Comparison of Motor Vehicle Travel Time on Brimley Road

Southbound Brimley Road

| Period | Average Travel Time (in min:sec) | | | Percentage Change on Brimley Road | Percentage Change on Similar City Arterials |
|---|----------------------------------|-------|--------|-----------------------------------|---|
| | Before | After | Change | | |
| Lawrence Ave to Eglinton Ave (Ward 21) | | | | | |
| Weekday AM Peak Period (7:00 - 9:59) | 2:46 | 3:02 | 0:16 | 9% | 6% |
| Weekday PM Peak Period (16:00 - 18:59) | 2:45 | 3:18 | 0:33 | 20% | 14% |
| Weekend Midday (12:00 - 18:59) | 2:35 | 2:52 | 0:17 | 11% | |
| Eglinton Ave to Kingston Rd (Ward 20) | | | | | |
| Weekday AM Peak Period (7:00 - 9:59) | 3:15 | 3:28 | 0:13 | 7% | 6% |
| Weekday PM Peak Period (16:00 - 18:59) | 3:20 | 3:41 | 0:21 | 11% | 14% |
| Weekend Midday (12:00 - 18:59) | 3:34 | 3:26 | (0:08) | -4% | |
| Lawrence Ave to Kingston Rd (Full Corridor) | | | | | |
| Weekday AM Peak Period (7:00 - 9:59) | 6:01 | 6:30 | 0:29 | 8% | 6% |
| Weekday PM Peak Period (16:00 - 18:59) | 6:04 | 6:59 | 0:54 | 15% | 14% |
| Weekend Midday (12:00 - 18:59) | 6:09 | 6:18 | 0:09 | 2% | |

Before: May 18, 2020 to June 30, 2020
After: July 27, 2020 to November 15, 2020

Comparison of Motor Vehicle Travel Time on Brimley Road

Northbound Brimley Road

| Period | Average Travel Time (in min:sec) | | | Percentage Change on Brimley Road | Percentage Change on Similar City Arterials |
|---|----------------------------------|-------|--------|-----------------------------------|---|
| | Before | After | Change | | |
| Brimley Rd NB: Eglinton Ave to Lawrence Ave | | | | | |
| Weekday AM Peak Period (7:00 - 9:59) | 2:35 | 3:04 | 0:28 | 18% | 6% |
| Weekday PM Peak Period (16:00 - 18:59) | 2:38 | 3:56 | 1:18 | 49% | 14% |
| Weekend Midday (12:00 - 18:59) | 2:35 | 2:49 | 0:14 | 9% | |
| Brimley Rd NB: Kingston Rd to Eglinton Ave | | | | | |
| Weekday AM Peak Period (7:00 - 9:59) | 3:14 | 3:33 | 0:19 | 10% | 6% |
| Weekday PM Peak Period (16:00 - 18:59) | 3:18 | 3:46 | 0:28 | 14% | 14% |
| Weekend Midday (12:00 - 18:59) | 3:03 | 3:18 | 0:14 | 8% | |
| Kingston Rd to Lawrence Ave (Full Corridor) | | | | | |
| Weekday AM Peak Period (7:00 - 9:59) | 5:49 | 6:36 | 0:47 | 13% | 6% |
| Weekday PM Peak Period (16:00 - 18:59) | 5:56 | 7:42 | 1:46 | 30% | 14% |
| Weekend Midday (12:00 - 18:59) | 5:38 | 6:07 | 0:29 | 8% | |

Before: May 18, 2020 to June 30, 2020
 After: July 27, 2020 to November 15, 2020

Summary of the Brimley Road ActiveTO Bike Lanes

- **In May 2020**, Council approved the temporary bike lanes in 2020 through the ActiveTO program. The temporary bike lanes were to be monitored and modified and/or removed as needed, with a report back to Council in Fall 2021
- **In July 2020**, the Brimley Road bike lanes were installed
- **From August – November**, modifications have been made to improve operations.



The temporary bike lanes on Brimley Road will be removed

- It was determined that the temporary bike lanes will be removed based on:
 - On-going data collection, monitoring, and analysis;
 - Dialogue with local Councillors; and
 - Feedback from constituents and other stakeholders

The Brimley Road temporary bike lanes will be removed as soon as possible, subject to weather conditions.

Next Steps (Continued)

Study and Design for Permanent Cycling Facility on Brimley Road

- City Council endorsed the Cycling Network Plan Update in July 2019, which identified Brimley Road as a Major City-Wide Cycling Route
- City staff will be conducting a review of all data and feedback collected through the ActiveTO installation to help inform future transportation projects in this area
- Sections of Brimley Road are scheduled for road reconstruction in the next few years (approximately 2022-2024).
- In advance of that work, area residents will be consulted on opportunities to include traffic and safety improvements, including the potential for cycling infrastructure, as part of the upcoming reconstruction.

QUESTIONS & DISCUSSION – ONLINE COMMUNITY TOWN HALL

Details of Modifications

Installation Adjustments (contd.)

Removal of Posts

Location(s): Southbound Brimley Rd, north of Kingston Rd

Details: Removed posts to accommodate a shared right-turn and bike lane

Timing: Completed in mid-July

At Kingston Rd, looking north



Installation Adjustments (contd.)

Removal of Posts

Location(s): Removed some flexi-posts from long segments with continuous posts – all along Brimley Rd. from Lawrence Ave E to Kingston Rd

Details: To allow cars enter into the bike lane when an emergency vehicle is approaching from behind

Timing: Completed in mid-August

At Deerfield Rd, looking north



Installation Adjustments (contd.)

Address Identified Safety Issues

Location(s): At Brimley Rd and Seminole Ave

Details: Improved visibility for drivers turning onto Seminole Ave

Timing: Completed in mid-September

Garbage Bin knocked down by turning car onto Seminole Ave, July 2020



Posts with reflectors installed at Seminole Ave, September 2020



Installation Adjustments (contd.)

Increased North-South Green Time

Location(s): At Lawrence Ave E and Eglinton Ave E

Details: Added more north-south green time to reduce delays on Brimley Rd

- At Lawrence Ave E, added up to 6 secs green during AM and PM peak
- At Eglinton Ave E, added 6 secs green during PM peak hours

Timing:

- Completed in early October at Lawrence Ave E
- Completed in early November at Eglinton Ave E

Lawrence Ave and Brimley Rd, looking south



Eglinton Ave and Brimley Rd, looking south



Installation Adjustments (contd.)

Added shared right-turn lane and cycling facility at major intersections

Location(s): Lawrence Ave E, Danforth Rd, St Clair Ave E, Kingston Rd and several other intersections

Details: Added shared lanes to reduce delays for higher number of right-turning vehicles at above intersections

Timing: Completed in early November

At Lawrence Ave, looking north



At Danforth Rd, looking north



Installation Adjustments (contd.)

Added dedicated left-turn lane at signalized intersections between Lawrence Ave and Eglinton Ave

Location(s): Shediak Rd / Fraserton Gate and Chillery Ave

Details: Added dedicated left-turn lanes at the signalized intersections of Shediak Rd / Fraserton Gate and Chillery Ave

Timing: Completed in early November

At Fraserton Gate/Shediak Rd, looking north



At Chillery Ave, looking north

