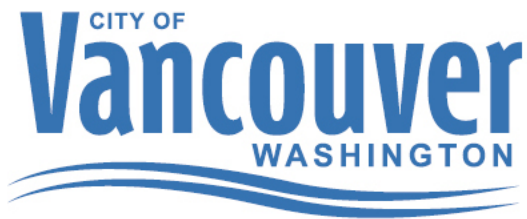


A photograph of a residential street intersection. In the foreground, a paved road with white lane markings leads to a stop sign. To the right of the stop sign, a green street sign indicates 'St. Tailon Ave' and 'St. 132nd Ave'. The background shows a white house with a garage, trees, and a clear blue sky with some clouds.

McGillivray Boulevard Safety & Mobility Project

Transportation and Mobility Commission
April 4, 2023



Emily Benoit, Senior Transportation Planner, CDD
Kara Hall, Consultant Project Manager, Fehr & Peers

Agenda

Part 1

- What will the Project evaluate?
- McGillivray Boulevard Today
- What kind of improvements will be evaluated?
- Community Engagement

Part 2

- Draft Goals - Workshop
- Next Steps

Purpose & Outcome

Purpose

- Introduce what the McGillivray Boulevard Safety & Mobility Project will evaluate.
- Share how the community has been engaged in Phase 1 of the project and what we've heard.
- Discuss draft project goals and gather TMC feedback.
- Provide an overview of upcoming project milestones.

Target Outcome

- Identify additional information needed to support upcoming decisions.

Project Phases



Phase 1: Analyze The Corridor

Evaluate how McGillivray Boulevard operates and how people use it today by engaging with the community and conducting a traffic analysis.

Phase 2: Develop Options

Develop design options that incorporate safety elements to address what we hear from the community and learn from the traffic analysis.

Phase 3: Design Improvements

A preferred option design will be selected based on feedback from the community and in alignment with the Evaluation Framework.

What is analyzed?

Driver Experience

- Delay at intersections
- Travel Time Between SE 164th and SE Chkalov
- Queuing at intersections

Safety

- Historical Crash Data
- Illumination
- Speed

Bicycle & Pedestrian Experience

- Gaps in existing infrastructure
- How comfortable is it for users of all ages/abilities to travel on the corridor

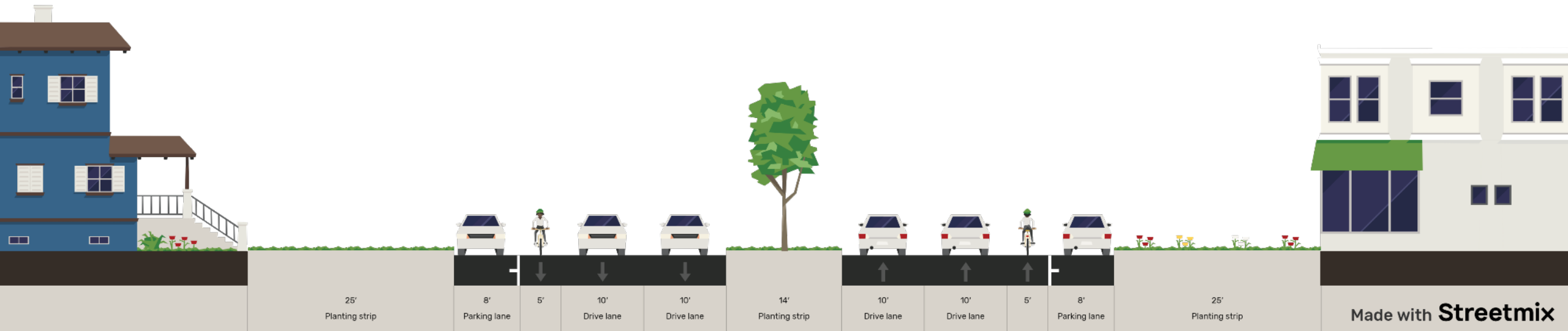
Other

- Parking occupancy
- Signal warrants

Project Study Area



McGillivray Boulevard Today



Challenges



- High vehicle speeds
- Large intersections:
 - Hard to cross, especially for people walking and biking
 - Confusing for drivers in determining who has the right of way
- Hazards in mobility lanes

What are potential safety improvements?

- Lane reconfiguration
- Painted buffers, vertical barriers to separate mobility lanes from vehicle traffic
- Narrowed vehicle travel lanes
- Intersection improvements to reduce crossing distances, increase right of way awareness
- High visibility crosswalks, mid-block crossings (including potential changes to on-street parking)
- Green bars extending mobility lanes, bike boxes
- Improved, additional signage



Phase 1: Identifying the Issues



Asked community members to share:

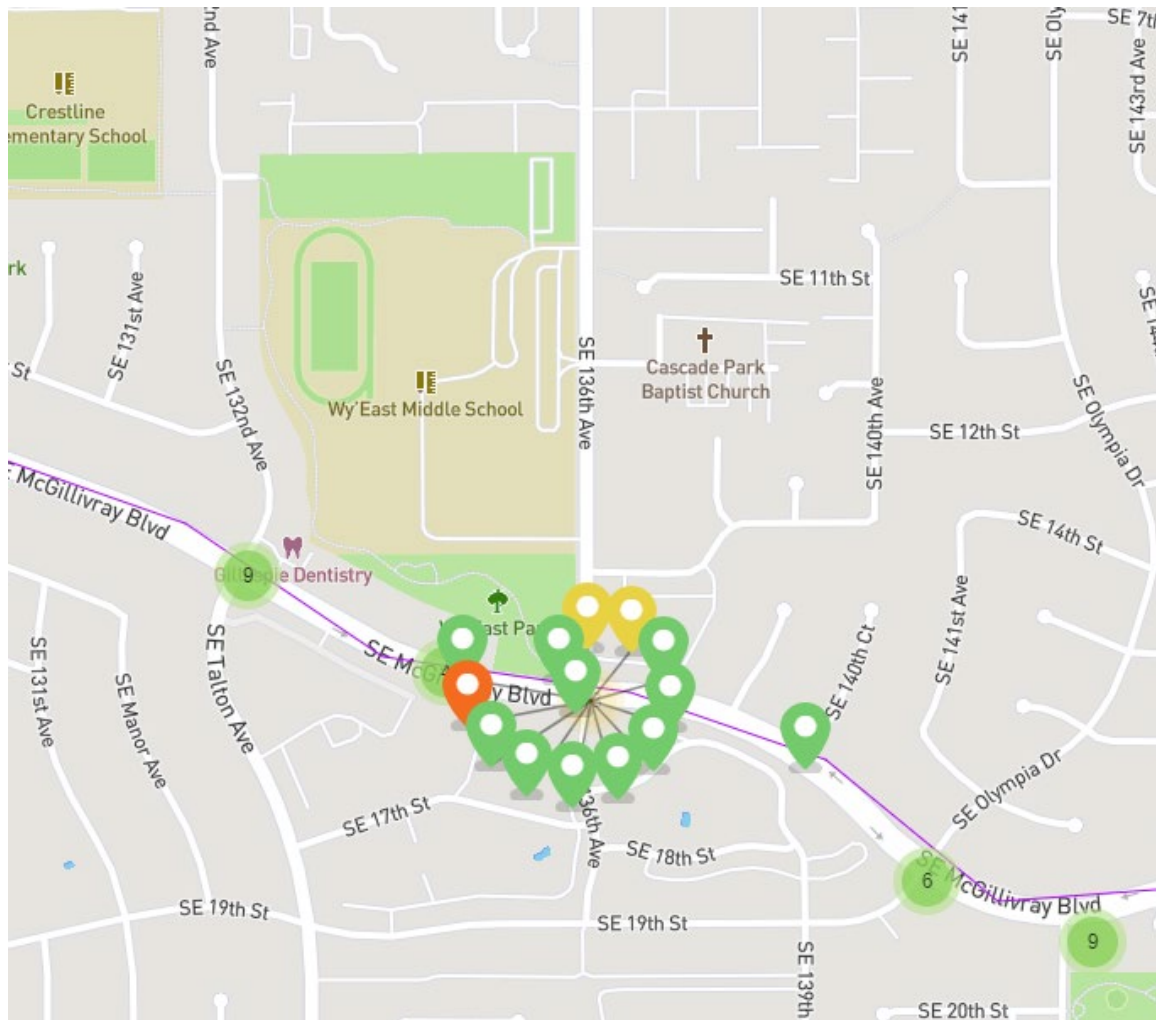
- How they travel today
- How they would like to travel in the future
- Barriers to traveling
- Locations where improvements are needed
- Concerns with changes to the corridor

Walk and Bike Audits



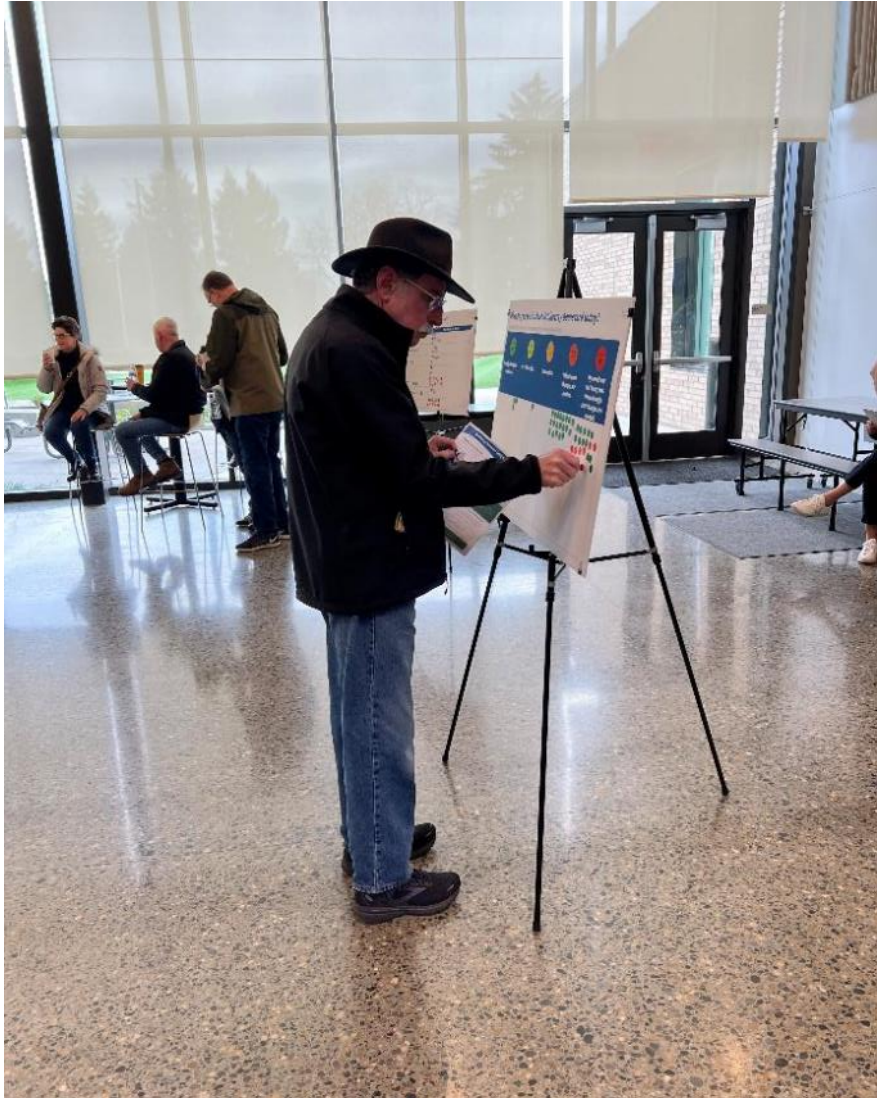
- Completed in October 2022
- Opportunity to experience the corridor to share concerns
- 14 community members participated
- Promoted through neighborhood associations and local bicycle groups

Online Community Survey & Interactive Map



- Hosted on Be Heard Vancouver
- 94 responses on Interactive Map
- 1,300 responses to Survey
 - 700 open-ended comments
- Promoted through social media, mailed postcards, yard signs, and neighborhood associations

In-Person Open House



- Held Feb. 11th at Wy'East Middle School
- Over 100 community members participated
- Promoted using postcards, social media, and outreach to neighborhood associations

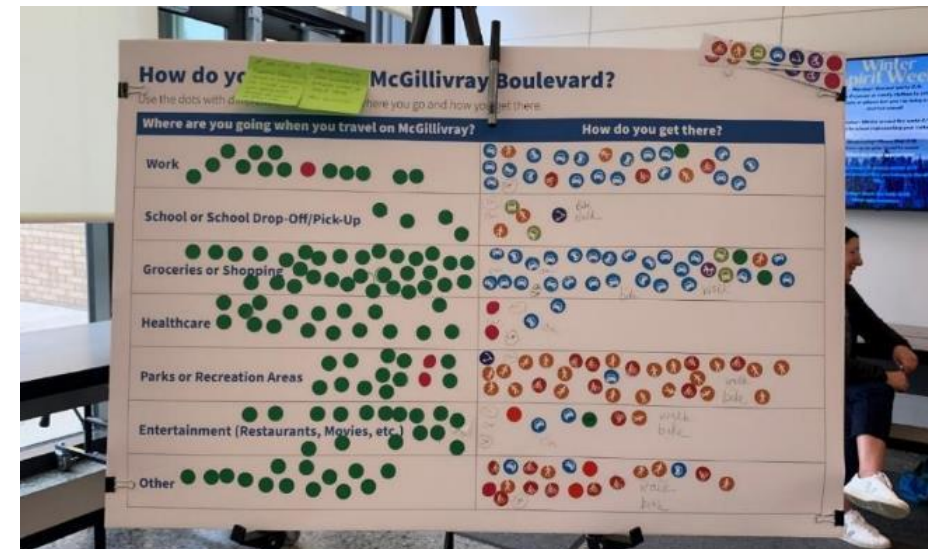
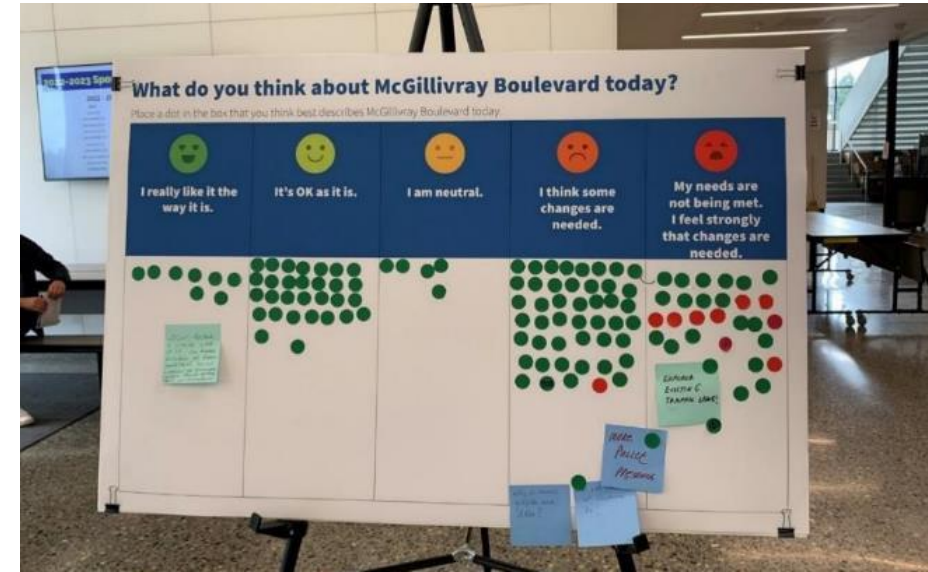
What do you think about McGillivray Boulevard today?

Majority of participants think **changes are needed**.

A large percentage feel very strongly that their **needs are not being met** by the current roadway.

Most people **travel by car to work**, groceries and shopping.

Most people **walk or bike to recreation areas**.



School Survey




School Survey for McGillivray Blvd

If you are a student, parent or guardian, or staff member at a school near McGillivray Blvd, we want to hear from you. Thank you for sharing your input!

* 1. Which school community are you part of?

- Wy'east Middle School
- Mountain View High School



Powered by
 SurveyMonkey
See how easy it is to [create a survey](#).

- Opened in January 2023
- Sent to Wy'East Middle School and Mountain View High School
- Opportunity for students, parents and staff to share how they travel and barriers to travel
- 27 full responses received to date



Takeaway #1: Vehicle speeding is impacting all users.

- McGillivray is a residential road that feels like an interstate.
- People feel unsafe walking, biking, and driving on McGillivray.
- Crashes resulting from speeding have damaged property along the corridor.
- Desire for more enforcement to address speeding.



Takeaway #2: Intersection improvements are needed.

- People walking and biking feel unsafe crossing at intersections.
- Existing intersections are confusing for drivers.
- Some drivers do not comply with stop signs.
- There are several intersections where changes to intersection control are desired.



Takeaway #3: People walk and bike today, but McGillivray is not inclusive.

- Crossing improvements are needed to improve safety for everyone but especially children and older residents.
- Existing mobility lanes do not feel safe and comfortable for people of all ages and all abilities.
- Some people don't feel comfortable walking due to high vehicle speeds and proximity to vehicles.



**Questions and comments on project
purpose and community engagement
to date?**

Draft Goals - TMC Workshop

Goals & Evaluation Framework Purpose

Purpose

- Align recommendations with issues identified by community members and technical analysis
- Provide a framework to evaluate design options and inform selection of a preferred design

Approach

- Develop 3 to 4 goals that align with the community's concerns
- Each goal will have evaluation criteria to measure how design options advance the goal

Draft Goals - Workshop

1. Reduce vehicle travel speeds on the corridor to improve safety for all users regardless of how they travel.
2. Make the corridor safe and comfortable for people of all ages and abilities to walk, bike, roll, use small mobility devices, and access transit.
3. Improve intersections on the corridor to support driver compliance.
4. Make crossings on the corridor safer and more comfortable for all users

Draft Goals - Workshop: Questions

1. Is there a draft goal that doesn't resonate with you? Why not?
2. What would you add to these goals?
3. What would you remove from these goals?
4. Are there evaluation criteria that you would add or remove?
5. If we achieve these goals, will the issues you are aware of be addressed or improved?

Goal #1: Lower Vehicle Speeds

Reduce vehicle travel speeds on the corridor to improve safety for all users regardless of how they travel.

Projects that advance this goal will...

1. Include changes to roadway striping known to reduce vehicle speeds.
2. Include traffic calming elements known to reduce vehicle speeds.

Goal #2: Improve Safety & Comfort

Make the corridor safe and comfortable for people of all ages and abilities to walk, bike, roll, use small mobility devices, and access transit.

Projects that advance this goal will...

1. Provide additional space for vulnerable users within the existing roadway.
2. Increase separation between mobility lane users and vehicle travel lanes.
3. Lower the level of traffic stress experienced by people who walk, bike, roll, use small mobility devices and access transit.

Goal #3: Improve Intersections

Improve intersections on the corridor to support driver compliance.

Projects that advance this goal will...

1. Improve striping at intersections to clearly delineate space for all users.
2. Reduce the number of approach lanes at intersections.
3. Improve signage ahead of the intersections.

Goal #4: Improve Crossings

Make crossings on the corridor safer and more comfortable for all users.

Projects that advance this goal will...

1. Reduce crossing distances at intersections and mid-block crossings.
2. Improve sightline visibility at intersections.
3. Limit on-street parking removal to locations with a safety benefit for people crossing.

TMC Discussion and Questions on Draft Goals

1. Reduce vehicle travel speeds on the corridor to improve safety for all users regardless of how they travel.
2. Make the corridor safe and comfortable for people of all ages and abilities to walk, bike, roll, use small mobility devices, and access transit.
3. Improve intersections on the corridor to support driver compliance.
4. Make crossings on the corridor safer and more comfortable for all users.

Next Steps

- **Develop** project goals and design options evaluation framework based on community input gathered and the goals workshops.
- **Share** project goals and design options evaluation framework.
- **Develop** design options based on project goals and issues identified.
- **Gather** feedback on design options from stakeholders and the community.

Ongoing Community Engagement

Community engagement in Phase 2 and 3 will include:

- Community conversations with project stakeholders
- Engagement with neighborhood associations
- Online surveys and open houses
- Outreach at community events
- In-person events

Thank You

Emily.Benoit@cityofvancouver.us

VancouverMoves@cityofvancouver.us

www.beheardvancouver.org/mcgillivray-safety

