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# New Mobility

Waterfront Toronto

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# Addressing Urban Challenges

- Reduce emissions from carbon emitting vehicles
  - > Reduce automobile dependence and prioritize sustainable modes
  - > Accommodate electric vehicles
- Reduce congestion for all modes of transportation
- Provide affordable mobility options
- Ensure safety for road users, with an emphasis on vulnerable users
- Universal accessibility



# Summary of Public Feedback To Date



## Support

### Transit and Timing

Prioritize the delivery of the approved transit plan

### Sustainability

Commitment to climate positive and sustainable modes of transportation

### Cycling

Commitment to improving cycling

## Consider

### Access

Quayside should not feel disconnected from an access perspective from the rest of the city

### Vulnerable Users

Prioritize safety for vulnerable users when evaluating innovations

### Accessibility

Ensure safety and accessibility concerns related to curbless street designs

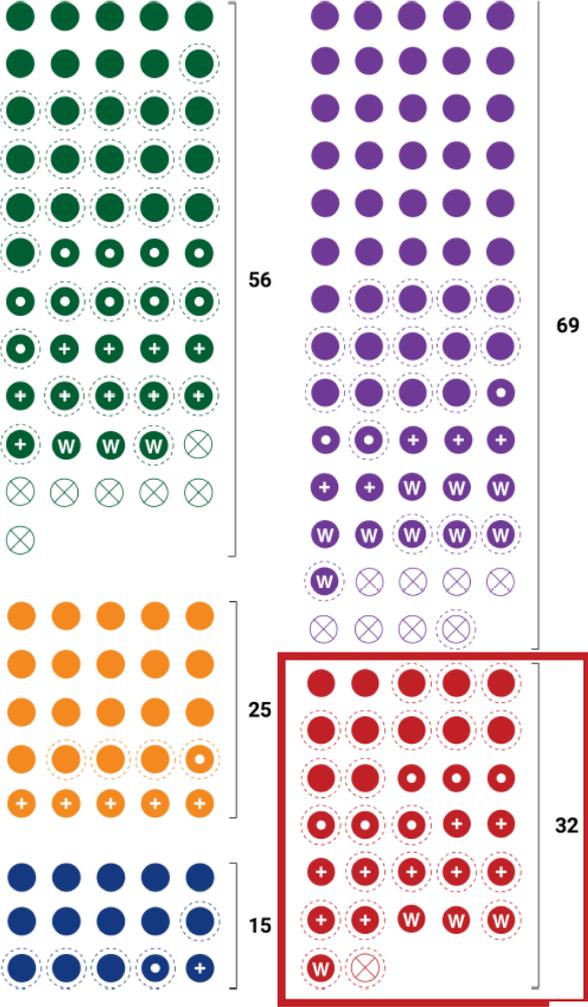
### Costs

Consider that innovations should not increase mobility costs for users.

# Summary of Evaluation Results

Each of the 32 dots represents one of the proposed solutions related to New Mobility in Sidewalk Labs' Draft MIDP.

-  There are **31 solutions** Waterfront Toronto **supports**, including:
  -  **6 solutions** Waterfront Toronto would support and advocate for policy/regulatory change
  -  **9 solutions** Waterfront Toronto would support and advocate for government funding
  -  **4 solutions** Waterfront Toronto would support and invest in
-  There is **1 solution** that Waterfront Toronto **does not support**
-  Indicates the **22 digitally enabled solutions**



# Summary of Evaluation Results

This conclusion does not mean we have approved moving ahead with the project or a partnership with Sidewalk Labs.

It *does* mean that we see merit in including these solutions in the Draft Innovation Plan for Quayside.

Feedback from this round of public consultation will inform our negotiations with Sidewalk Labs about an Innovation Plan.

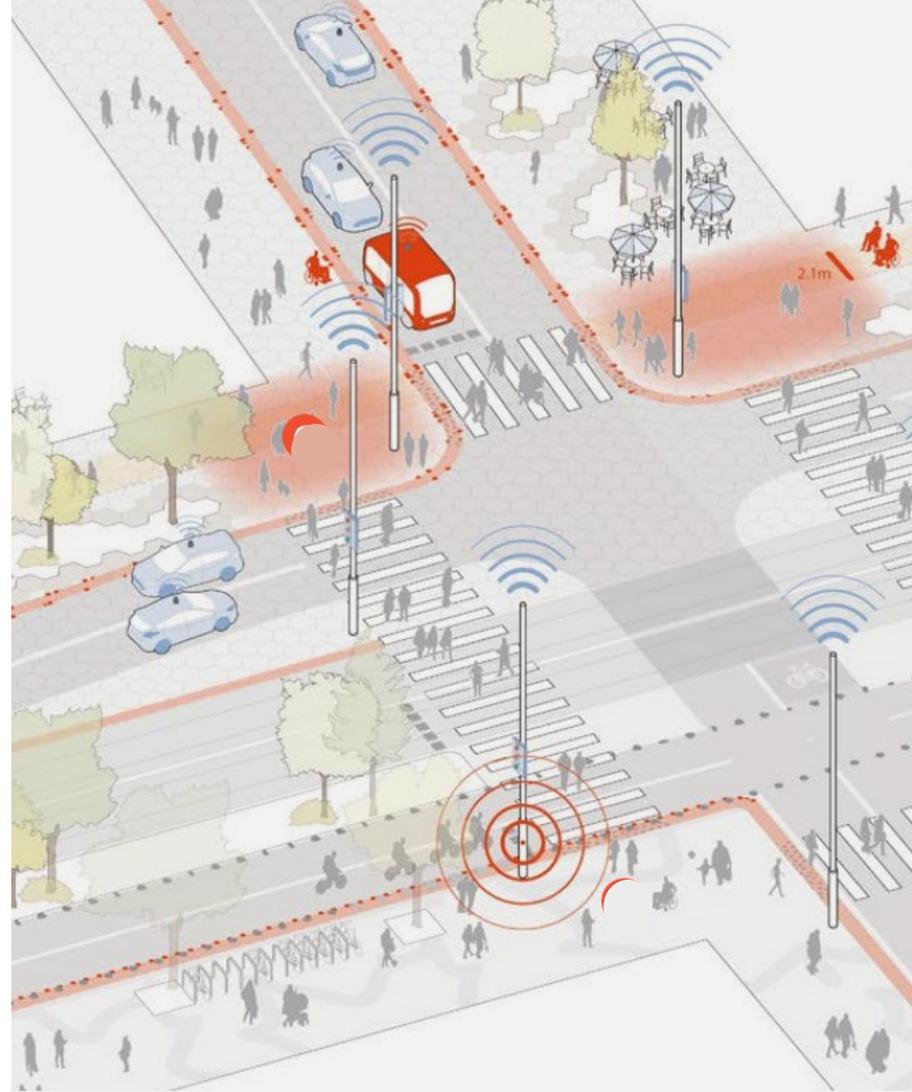
Support for certain solutions may change based on feedback from the public, support from Sidewalk Labs (who need to agree with Waterfront Toronto on implementation terms), public policy priorities, and support from governments.

# Wayfinding Beacons

*Example of solution to support with WT investment*



- Broadcasts information about the indoor and outdoor environment
- Improves wayfinding and navigation for people who are blind or partially sighted
- Enables the use of existing third-party wayfinding apps, such as BlindSquare
- Exists elsewhere in the city (Yonge and St. Clair)

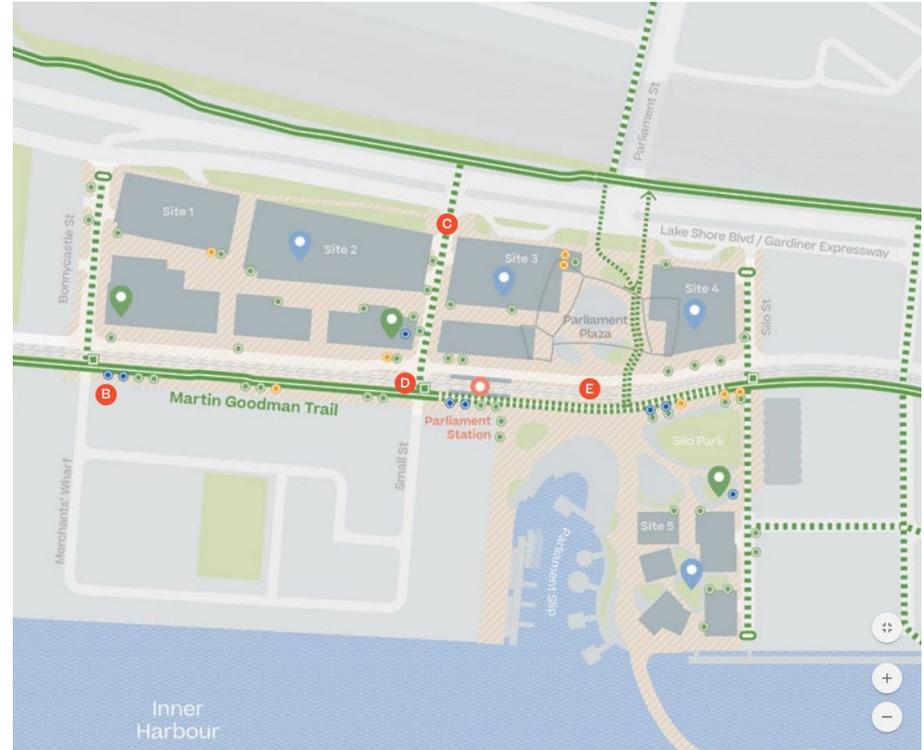


# Expanded active transportation network (to all building entrances)

*Example of solution to support  
with WT investment*



- Closes gaps in cycling network
- Ensures safe and comfortable bicycle access to all buildings and transit stations/stops
- Increases area that is comfortable for pedestrians and cyclists
- Creates network redundancy (gives cyclists more than one option)

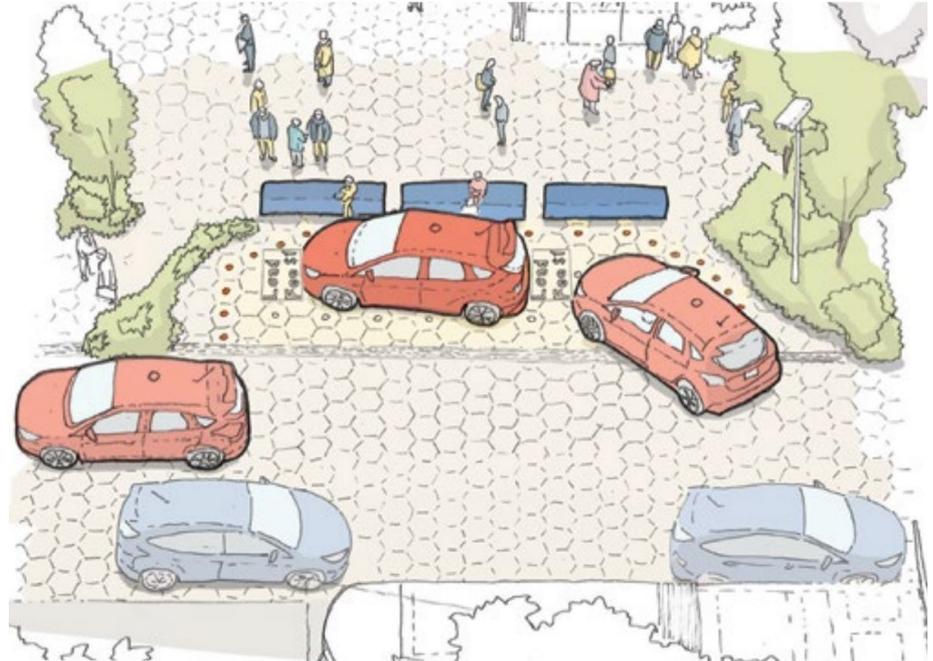


# Dynamic Curbs

*Example of solution to support and advocate for policy/regulatory reform*



- Flexibility/adaptability
- Curb pricing – enables pricing of pick-up and drop-off activity in layby
- Streamlines communication of use policy
- Tool to manage curb space and curb-side demand
- Digital signage for curb-use policy currently not an approved signage type

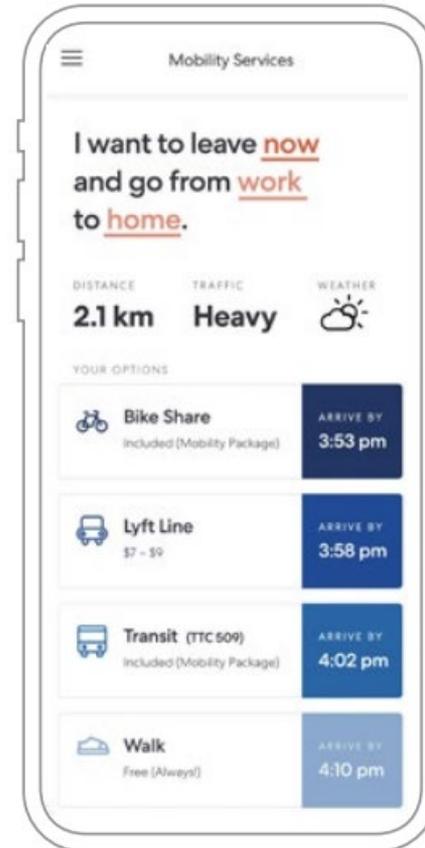


# Discounted Mobility Package

Example of solution to include



- Groups services and offers them at a discounted rate
- Integrates multiple transportation services into one digital platform (real-time information, trip planning and payment)
- Encourages the use of sustainable modes of transportation
- Significant challenge to integrate service providers in Toronto context. Best left to private sector and transit agencies to deliver.



# Outdoor Comfort System – Raincoats

*Example of solution  
to not support*



- Requires space in the public right of way to anchor to the foundation
- A potential obstacle for pedestrians
- Poses issues for accessibility
- Support outdoor comfort and alternatives may be explored
- Also evaluated as part of the Complete Communities room



# Questions for you



Review the list of solutions and tell us:

 Do you agree with Waterfront Toronto's conclusion that Sidewalk Labs' proposals sufficiently address the challenges we are trying to address? Why or why not?

 Are there any solutions you want to see Waterfront Toronto prioritize? If so, which ones and why?

 Are there any proposed solutions that you are concerned about? If so, which ones and why?

 Do you have any other thoughts or comments related to the proposals?