

# Welcome to the Green Lake Outer Loop Online Open House #2





# Land acknowledgement

This open house is being presented on the land of the Coast Salish peoples. We would like to take this time to acknowledge the Indigenous peoples, past, present, and future, who continue to take care of the land, shared waterways, and environments on which we work, live, and play.

We also would like to recognize that land acknowledgments are not enough and encourage everyone to take the time to think about your relationship to this land and how we could all better be in solidarity with Indigenous peoples.

# Our vision, mission, and core values

**Vision:** Seattle is a thriving equitable community powered by dependable transportation

**Mission:** to deliver a transportation system that provides safe and affordable access to places and opportunities

Committed to **6 core values:**

- Equity
- Safety
- Mobility
- Sustainability
- Livability
- Excellence

# Project team



David Burgesser



Jules Posadas



Christiana Farrell

# Agenda

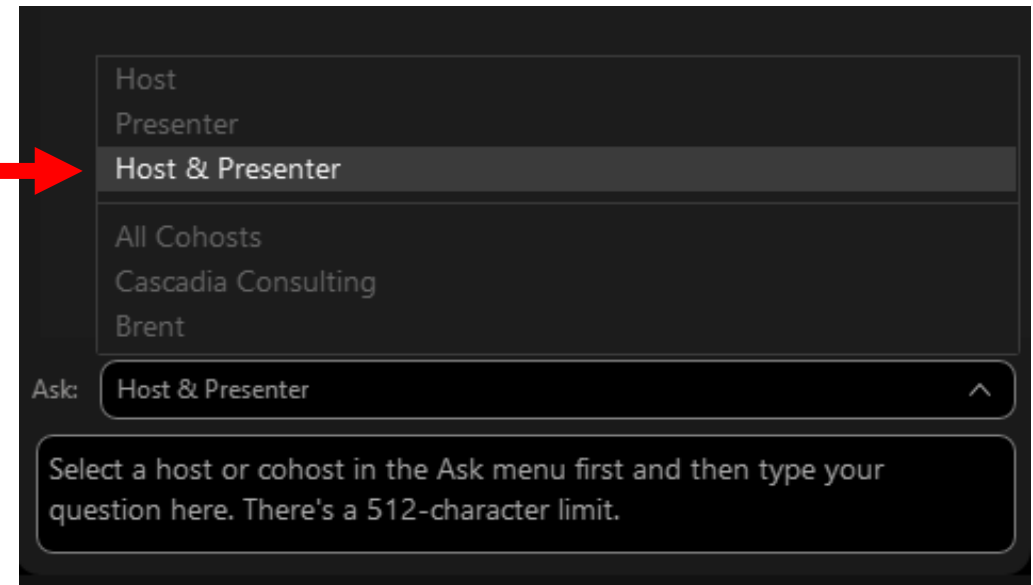
- Project overview and background – 5 Minutes
- Outreach process and what we heard – 5 Minutes
- Data collection and traffic analysis – 5 Minutes
- Preferred alternatives – 10 Minutes
- Timeline/next steps – 5 Minutes
- Q&A/Wrap up – 30 Minutes

# Webex

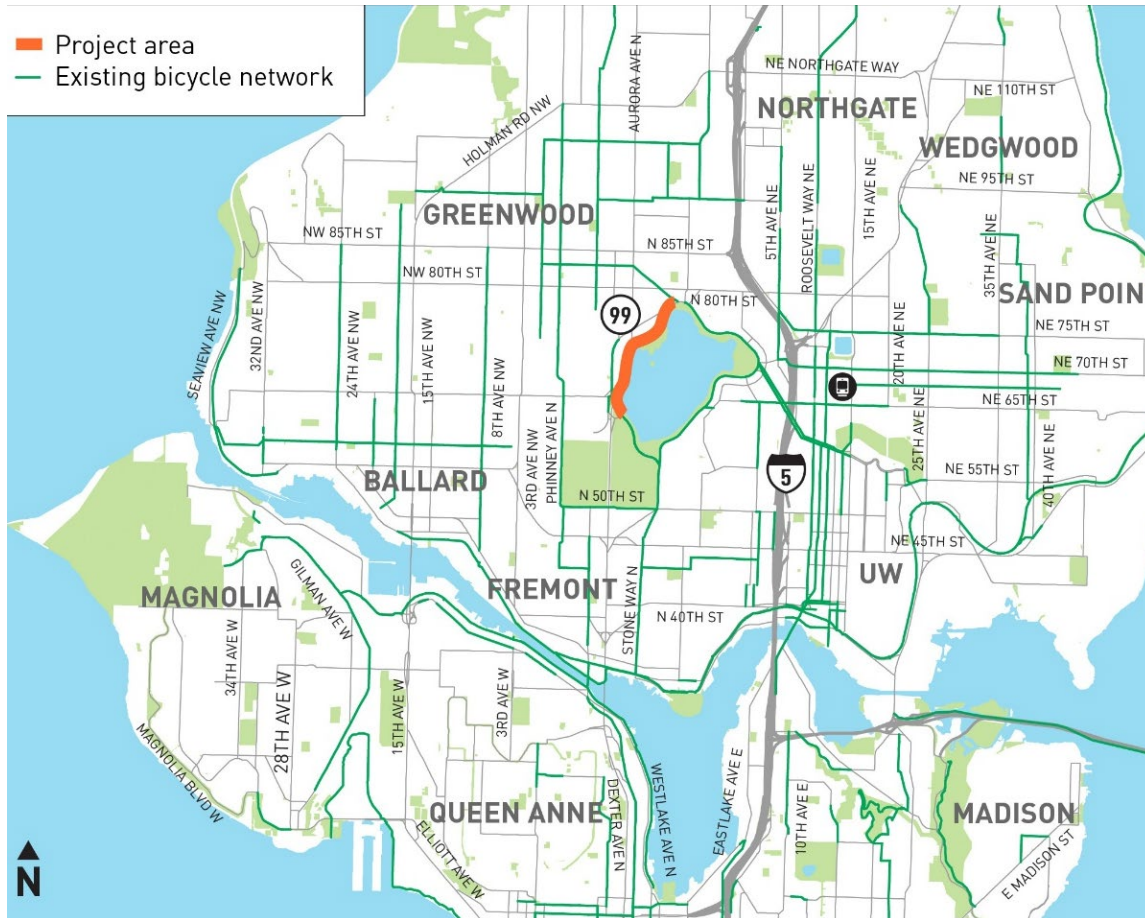
Q&A is available at the bottom righthand corner of the tool bar menu located at the bottom of your screen



Be sure to select **“Host & Presenters”** when you submit your question so that the full project team can see



# Project area





# Project purpose

- Contribute to Vision Zero safety goals of zero traffic deaths and serious crashes by 2030 along Aurora Ave N and West Green Lake Drive N
- Leverage recent investments to create more space for people to walk, run, roll and bike to help reach Seattle's sustainability goal to reduce transportation emissions 82% from 2008 levels by 2030
- Incorporate the community's transportation values and ideas to enrich public life and improve community health
- Expand access and connectivity to parks and neighborhoods around Green Lake





# Recent Outer Loop investments

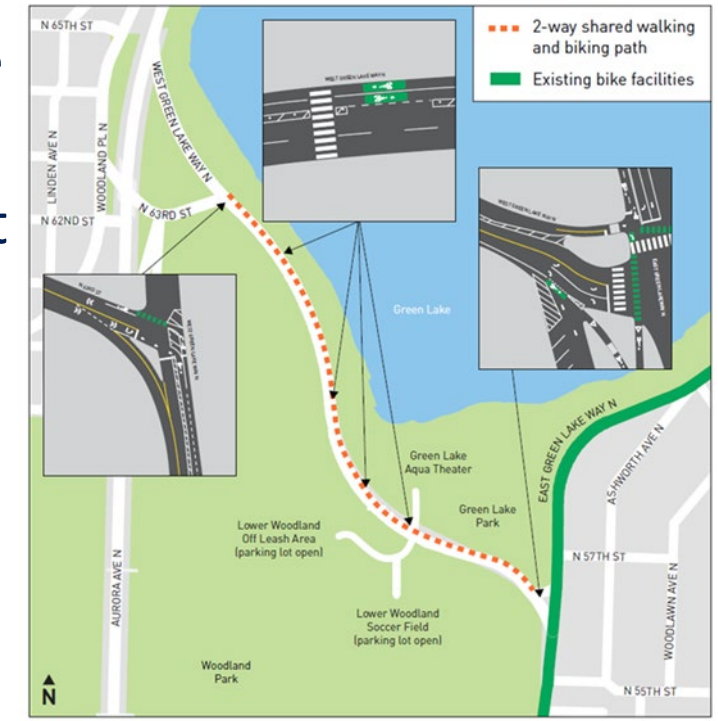
# Green Lake and Wallingford Multimodal & Paving Project

- Made it easier to bike around the lake and cross the street
- Upgraded or built nearly 500 curb ramps
- Enhanced transit access
- Improved landscape
- Preserved the street



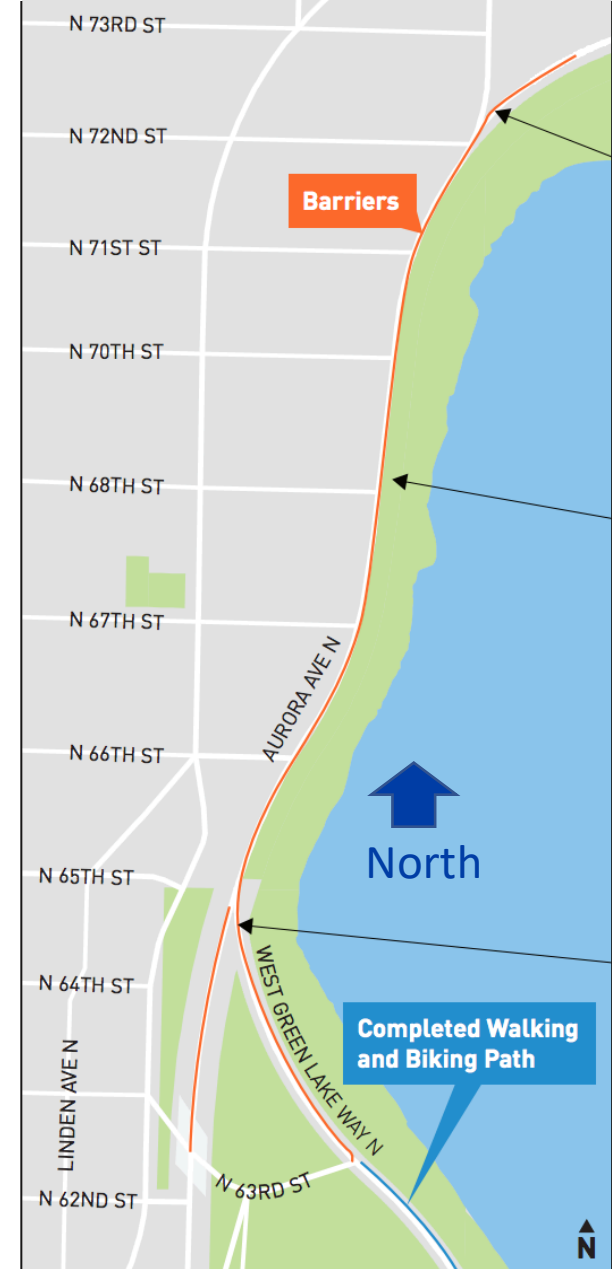
## W Green Lake Way N Shared Walking and Biking Path

- Extended bike investment made by the paving project
- Reduced driver speeds to 20 mph
- Reconfigured transition



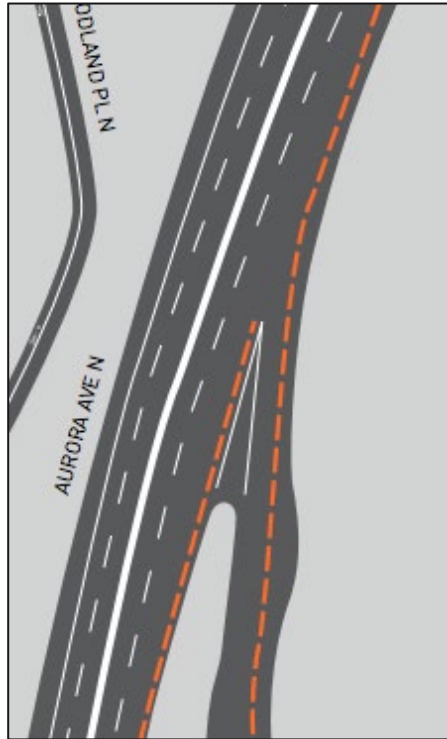
# Aurora Ave N - Segment 1

- Create a new path between **N 63rd St and W Green Lake Dr N** along the on-ramp and Aurora Ave N
- Use outer northbound lane on Aurora Ave N
- At N 68th St traffic volumes are 48% of volumes south of Aurora Bridge
- Minimal travel time impacts anticipated



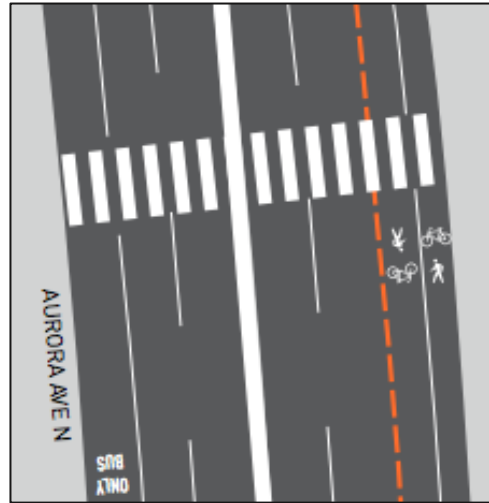
# Aurora Ave N - Segment 1 from south to north

Aurora Ave N at W Green Lake Way N On-Ramp



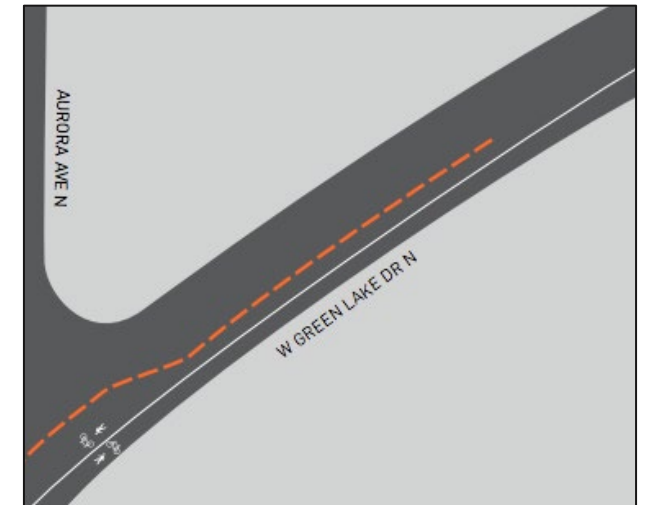
Maintain vehicle access along on-ramp

Aurora Ave N at N 68<sup>th</sup> St Crosswalk



Use the gap in the northbound bus only lane and install durable barriers for traveler protection

Aurora Ave N at W Green Lake Dr



Restrict people driving along Aurora Ave N from making a right turn on W Green Lake Dr N



# Aurora Ave N - Segment 1 in the future



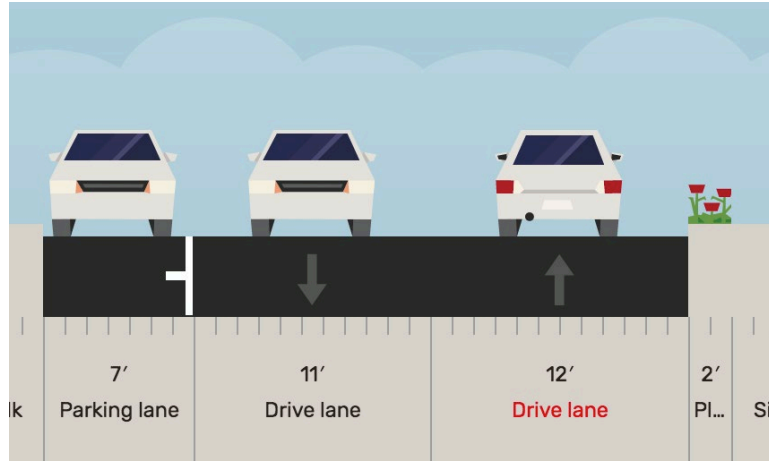
# W Green Lake Drive N - Segment 2

Between Aurora Ave N and Densmore Ave N



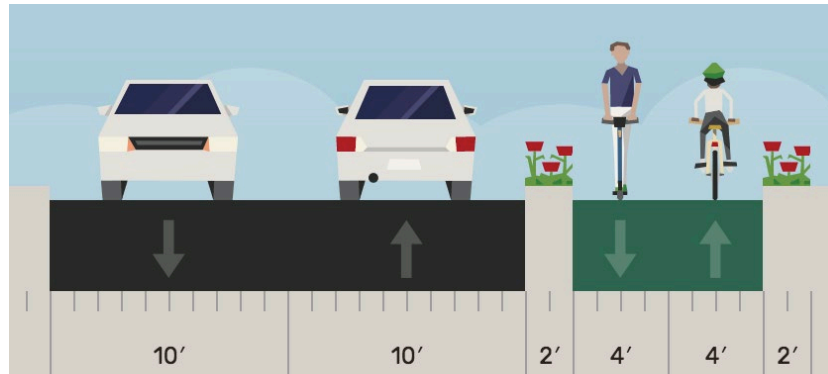


# W Green Lake Drive N - Segment 2 alternatives considered

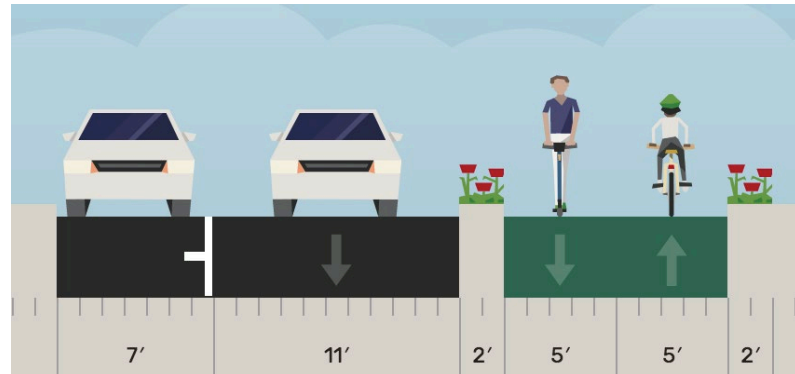


Existing cross section looking north

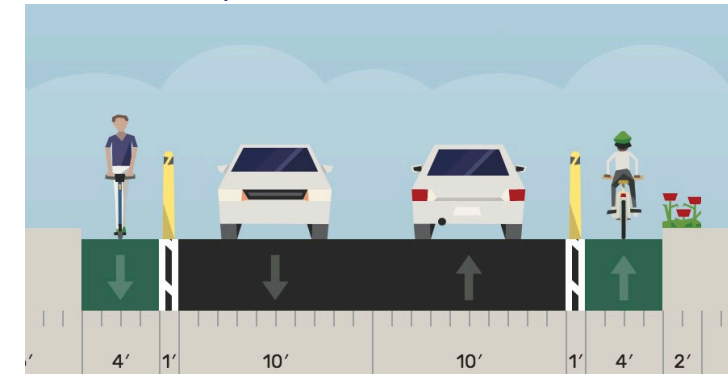
1. Remove parking, two-way travel



2. Maintain parking, one-way travel either *northbound* or *southbound*



3. Remove parking, two-way travel, bike lanes on each side

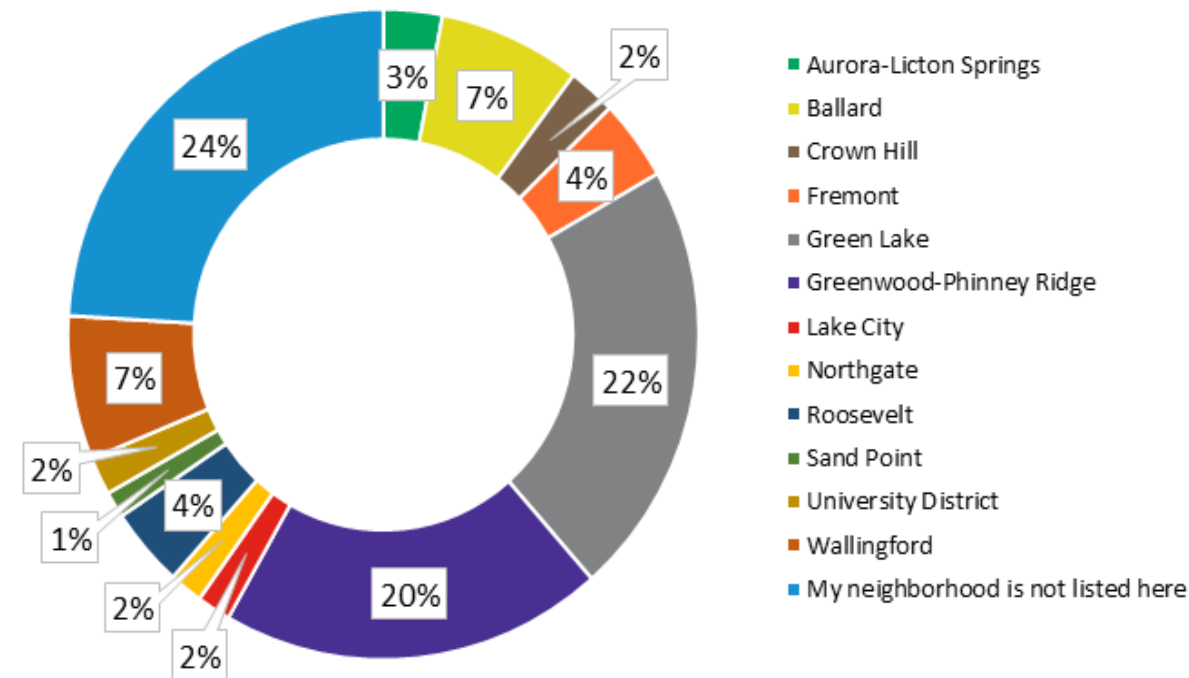
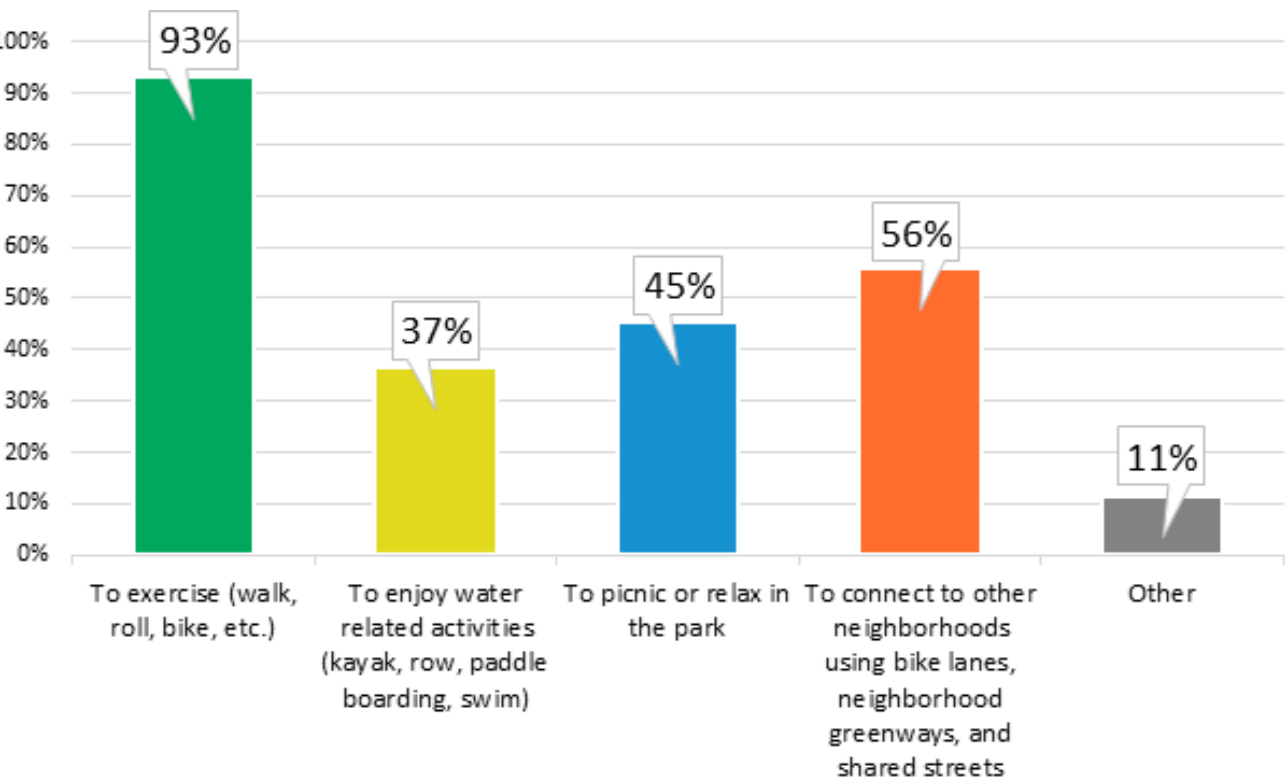




# Community outreach process to date

- Introduced project at November 2021 virtual open house
  - Encouraged participation via listserv, mailer, door hangers, local blogs
  - Hosted about 220 attendees
  - Read and responded to correspondence
- Present at December 2021 Phinney Ridge Community Council
- Post online survey [November 10 – December 10, 2021]
  - Received 4,534 responses
  - Encouraged participation via open house, printed materials, webpage, and listserv
- Share open house summary, survey results, and questions and answers on webpage

# Survey results: Who we heard from



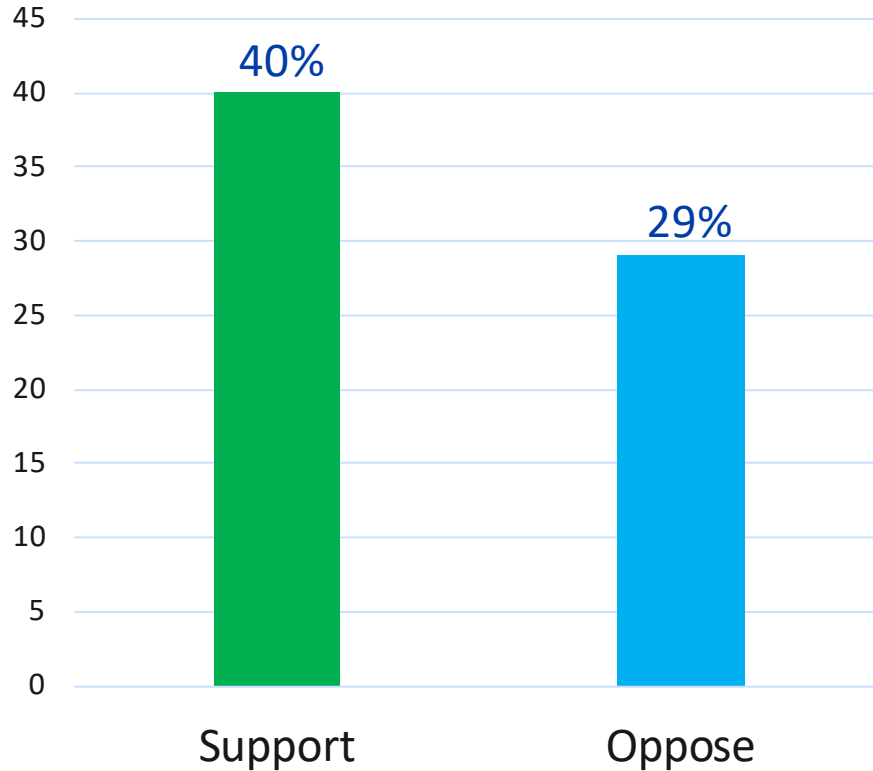
# Survey results: general themes

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
I have better access to Green Lake Park and to all the amenities and neighborhoods around it because of the new walk and bike spaces	13%	15%	22%	27%	23%
I enjoy biking or rolling (roller skates, skateboard, etc.) around the Green Lake outer loop more than before	13%	12%	28%	21%	26%



# Survey results: Segment 1

## Aurora Ave N

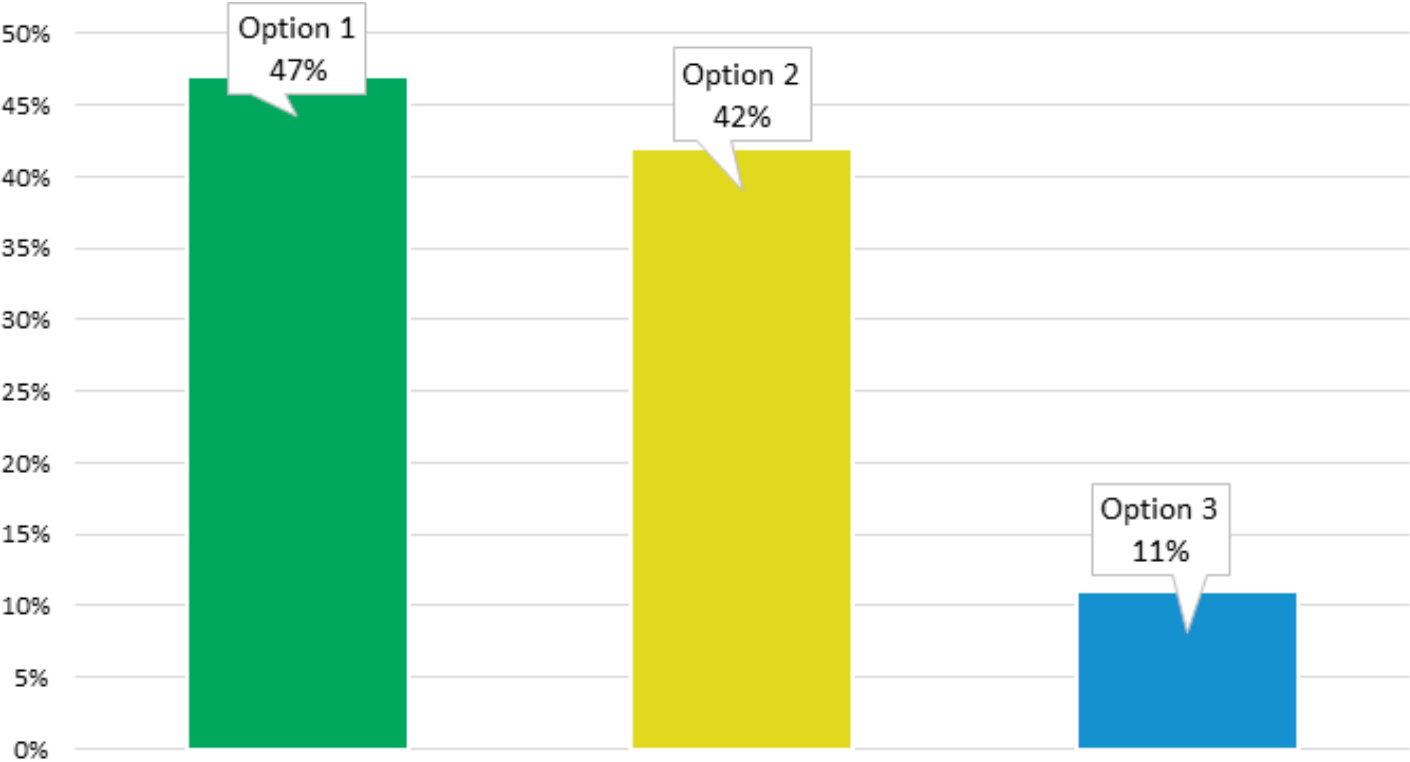


What we heard:

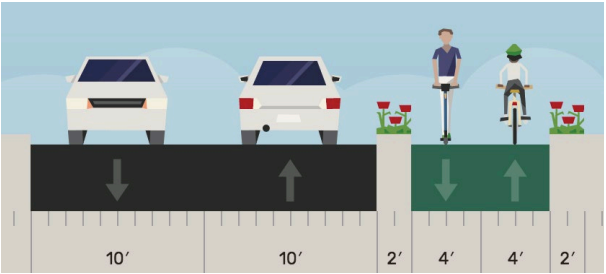
- Impacts to traffic and safety
- Maintenance of paths and park space
- Personal safety at Green Lake Park

# Survey results: Segment 2

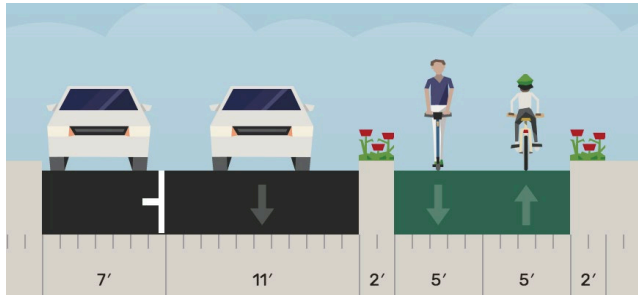
## W Green Lake Dr



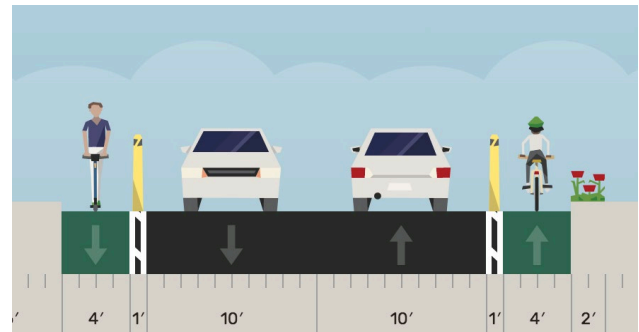
1. Remove parking, two-way travel



2. Maintain parking, one-way travel either *northbound* or *southbound*

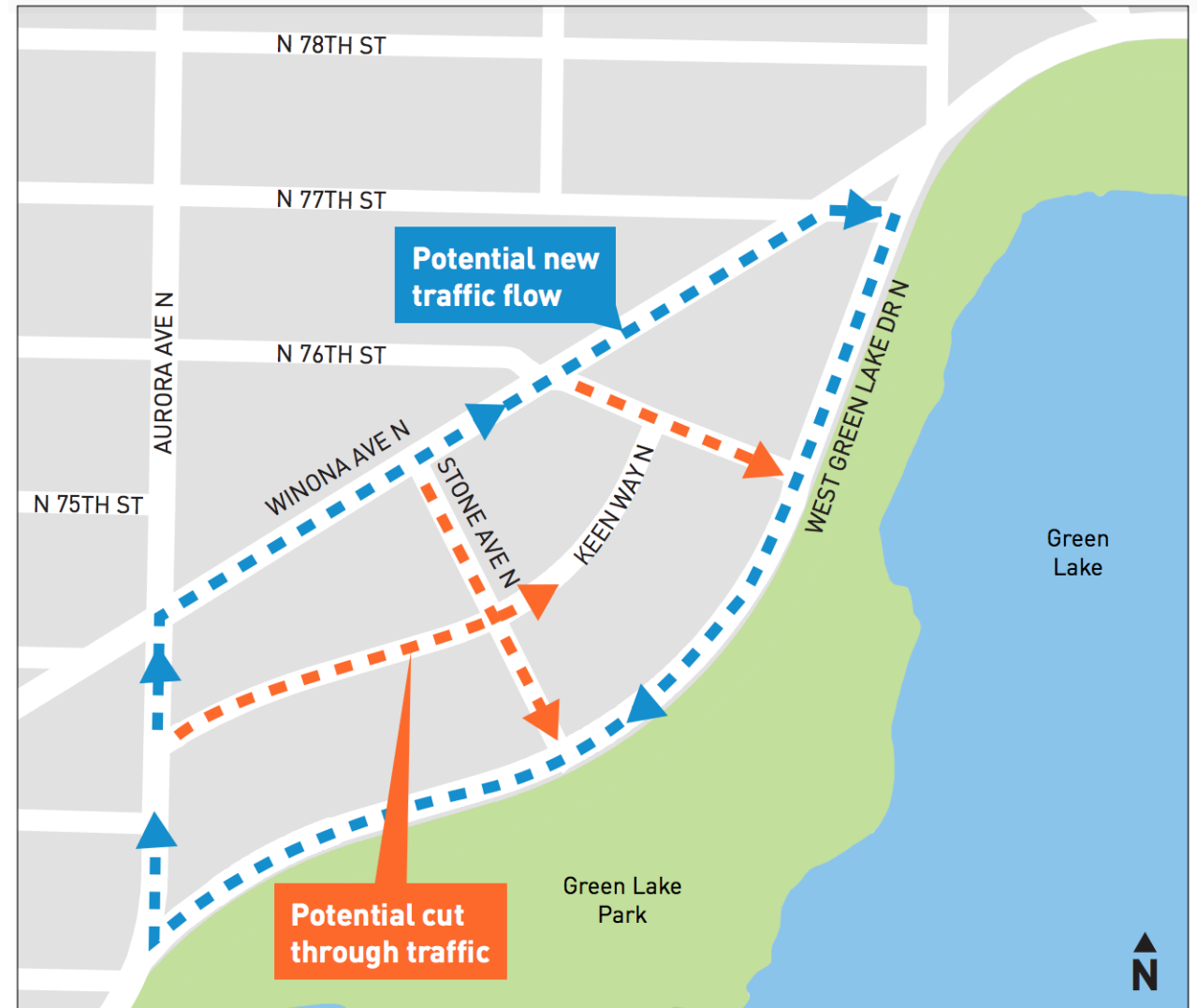


3. Remove parking, two-way travel, bike lanes on each side



# Traffic analysis

- Understand parking use and impacts if removed
- Collect traffic volumes and turning movements to understand how patterns might change
- Consider potential impacts and traffic calming measures for adjacent streets
- Emphasize reducing cut-through traffic and managing speeds



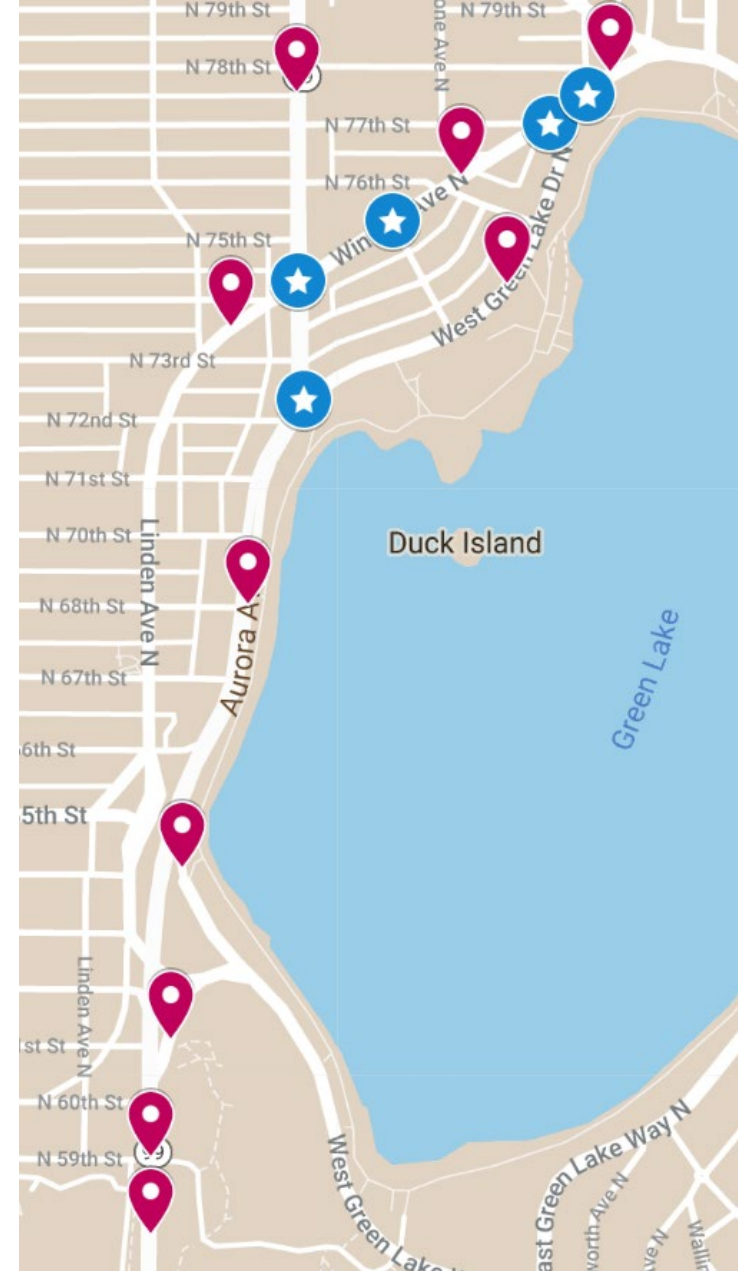


# Data collection

- Turning movement collected at major intersections around “Winona Triangle” in Oct/Nov 2021 and Jan/Feb 2022 to understand operations at peak weekend and weekday commute times
- Supplemented data with pre- and post-pandemic traffic volumes from all seasons
- Parking occupancy study conducted on W Green Lake Dr N using Saturday peak times

## Data Locations

- 1-Oct/2019
- 2-May/2018
- 3-Jun/2018
- 4-Feb/2020
- 5-Oct/2019
- 6-Feb/2018
- 7-Feb/2020
- 8-May/2018
- 9-Feb/2018
- 10-May/2018
- 11-Jan/2022
- 12-Jan/2022
- 13-Jan/2022
- 14-Feb/2022
- 15-Feb/2022



# Traffic analysis results

## Segment 1: Aurora Ave N

- At N 68<sup>th</sup> St pedestrian crossing traffic volumes are 48% of volumes south of Aurora Bridge
- During PM peak:
  - About 1,500 vehicles travel north at N 68<sup>th</sup> St
  - About 90 vehicles use the W Green Lake Way N on-ramp





# Traffic analysis results

## Segment 2: W Green Lake Dr N

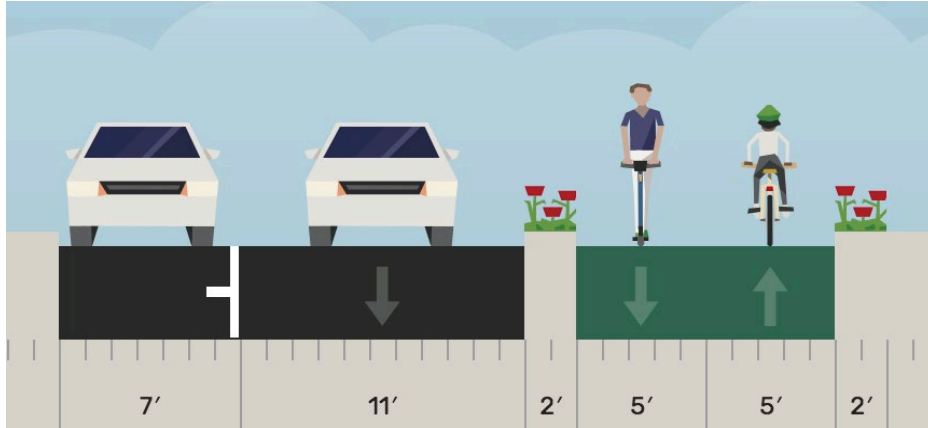
- During PM peak:
  - One-way clockwise circulation adds about 18 seconds of delay for people turning right from Aurora to Winona Ave N
  - Assumes 500 additional vehicles at peak hours reroute to Winona Ave N
  - Aurora Ave N has capacity to handle additional traffic
- One-way northbound on W Green Lake Dr would increase cut-throughs onto Stone Ave N and N 76th St
- Parking study found high utilization on West Green Lake Drive N



Challenges with northbound-only flow on W Green Lake Dr N

# Alternative 2 is the preferred Alternative for Segment 2 W Green Lake Dr N

- Maintain parking on the north side of W Green Lake Dr N for deliveries
- Southbound one-way traffic flow
- Shared use path design to N 77<sup>th</sup> St



W Green Lake Dr N (looking north)



Continue shared path from Aurora Ave N



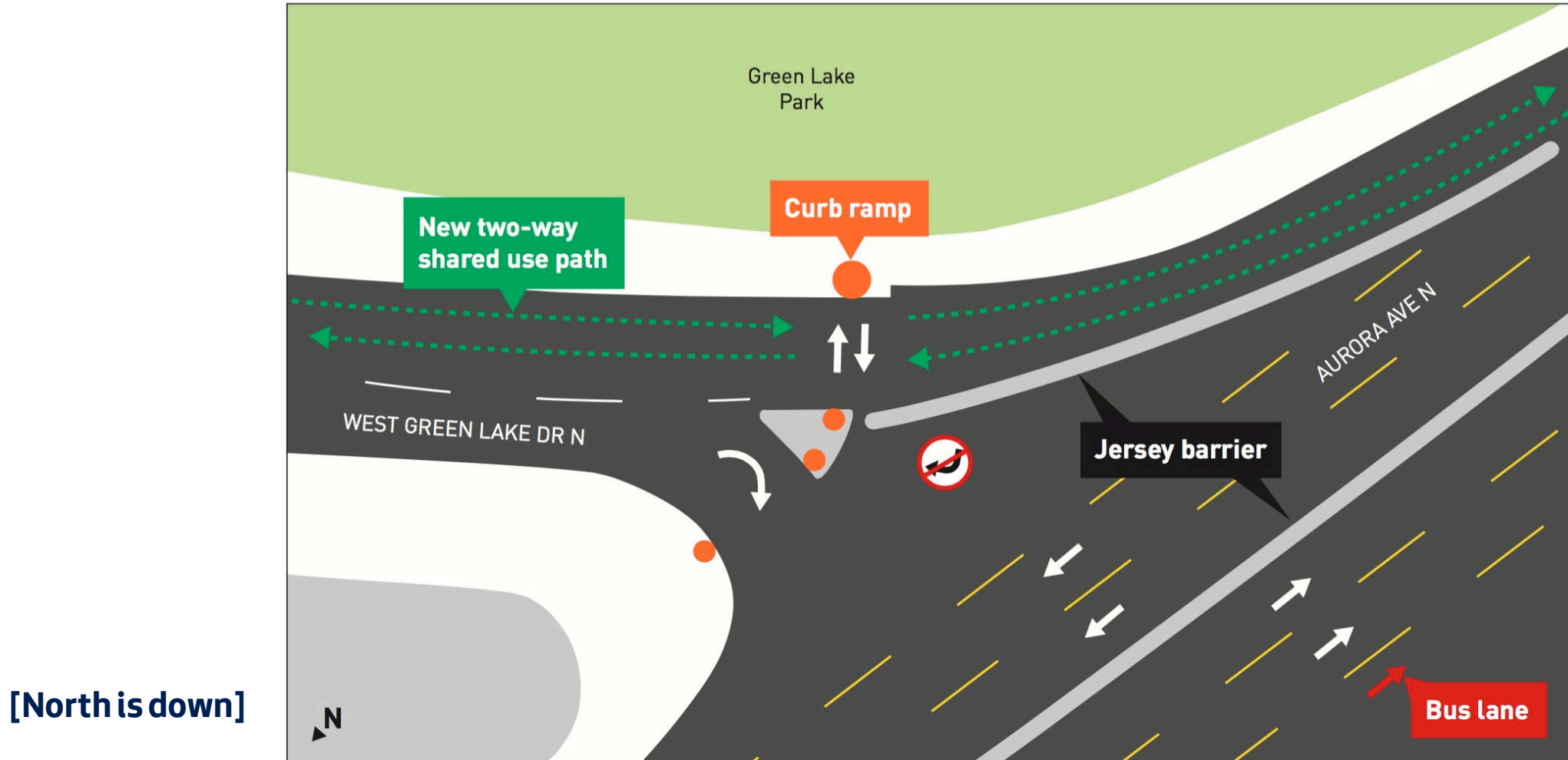
# Traffic management tools

## Recommendations:

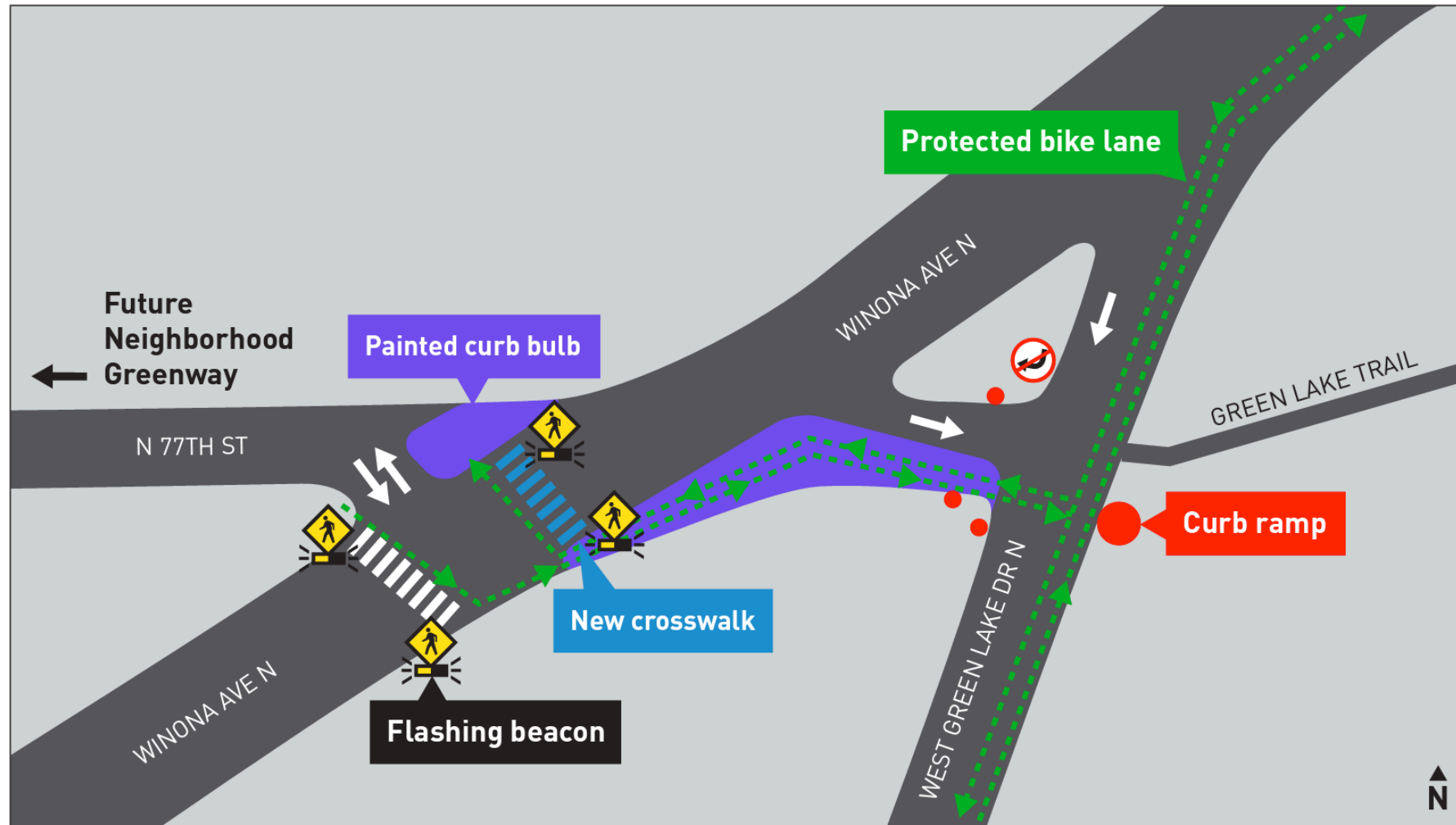
- Install no right turn from northbound Aurora onto Keen Way N enforced with signage and bulb
- Upgrade intersection at Winona Ave N and Aurora Ave N to improve wayfinding and throughput
- Change circulation of Bathhouse Theater parking lot to reduce cut-through traffic and add wayfinding signs
- Upgrade pedestrian access at Winona with crossing beacon



# Aurora Ave N & W Green Lake Dr N



# W Green Lake Dr N/Winona Ave N/N 77th St



# Investing in the Green Lake Neighborhood

Coordinate with other public projects:

- Seattle City Light Streetlight Upgrades
  - Gravel path restoration
  - New curb ramps at Aurora Ave N and W Green Lake Dr N for improved ADA access
- Paving on W Green Lake Dr N between N 76<sup>th</sup> St and Winona Ave N
  - New curb ramps at W Green Lake Dr N & N 77<sup>th</sup> St for improved ADA access





# Timeline and Next Steps

Timeline	Activity
Winter – Spring 2022	Select preferred alternative and design project
Spring – Summer 2022	Aurora Ave N corridor planning study launches
Summer 2022	Continue design and outreach with neighbors on construction schedule and impacts
Summer-Fall 2022	Construction
2023	Evaluate installed project

# Project updates and contacts

[www.seattle.gov/transportation/greenlakeouterloop](http://www.seattle.gov/transportation/greenlakeouterloop)

[GreenLakeOuterLoop@Seattle.gov](mailto:GreenLakeOuterLoop@Seattle.gov)

**206-900-8760**