

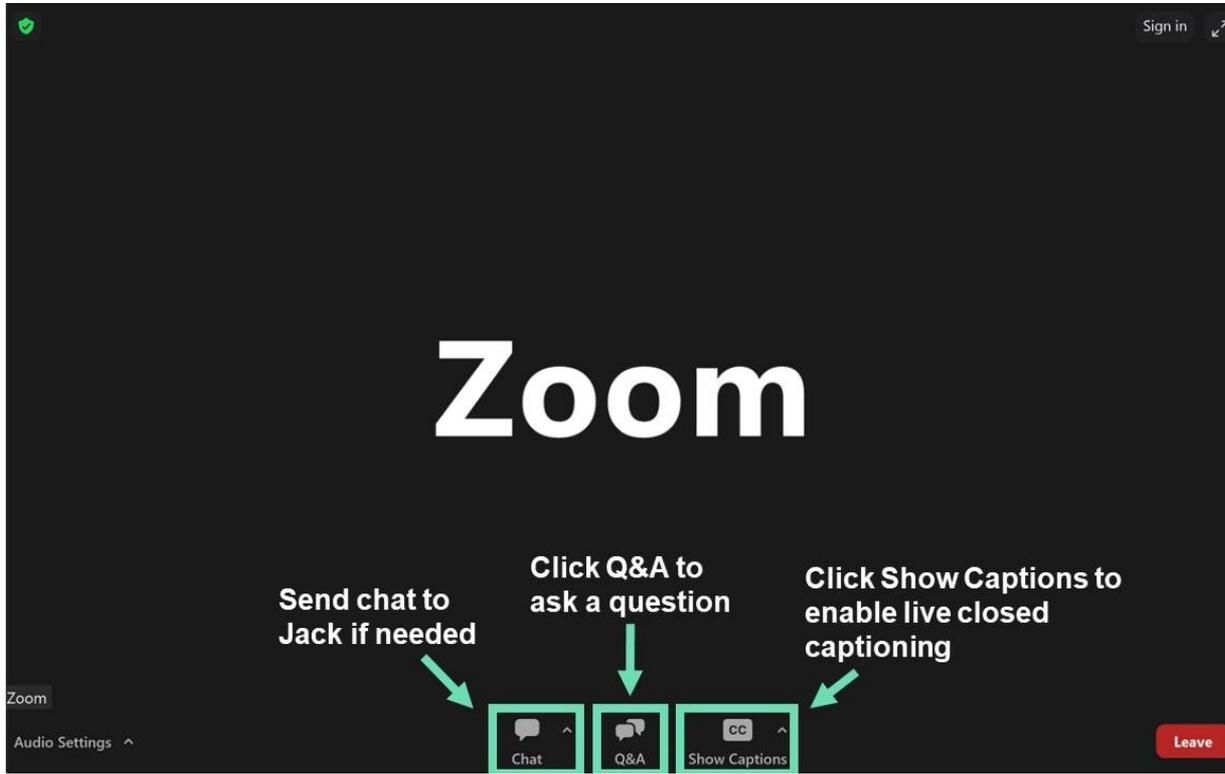
# I-405/Northeast 85th Street Interchange and Inline BRT Station Project

## Construction updates

December 2023

This meeting is being recorded. The recording will be sent to meeting registrants via email and posted on the project webpage.

# Zoom controls



Jack is our meeting host

Please use the chat feature to message Jack or call him if you have any technical difficulties:

**425-224-2423**

# Welcome & introductions

- **Francis Choe**, Meeting Facilitator, Graham Communications
- **Chris Cooper**, Graham Construction Management
- **Steven M. Beadle, PE**, WSDOT Project Engineer
- **Paul Cornish**, Sound Transit Strategic Projects Director
- **Elizabeth Guevara**, Sound Transit Community Engagement Consultant
- **John Starbard**, City of Kirkland Deputy Director of Public Works Department
- **I-Wen Yang**, City of Kirkland Senior Project Engineer
- **Allie Breyer**, WSDOT Communications Lead
- **Darcy Edmunds**, Meeting Support, Graham Communications
- **Jack Irwin**, Meeting Support, Graham Communications

# Agenda

Project overview and benefits

Bus Rapid Transit (BRT)

Construction updates

- Schedule (2023 – 2026)
- What's completed or in-progress? What's next?
- What you can expect during construction

Keeping the community informed

- Outreach efforts
- Real-time travel map and app

Stay in touch!

Questions?

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# Poll questions

**Before we start, we want to hear from you**

# On a scale of 1 to 5, how familiar are you with the I-405/Northeast 85th Street Interchange and Bus Rapid Transit (BRT) Station Project?

1 – Not familiar at all

5 – Very familiar



3 - Somewhat familiar

# What mode of transportation do you use the most often to get around your community or across the region?

Car – drive alone

Car – drive or ride with others

Carpool/vanpool

Rideshare

Public transit

Biking

Walking or rolling

Other

# What aspect of the I-405/Northeast 85th Street and BRT Station Project are you most looking forward to after its completed?

Select all that apply.

Improved traffic flow and reduced congestion

Access to I-405 Express Toll Lane Systems

Better and more reliable public transit options with Bus Rapid Transit

Improved pedestrian and cyclist infrastructure

Better access to local businesses

Greater community connectivity

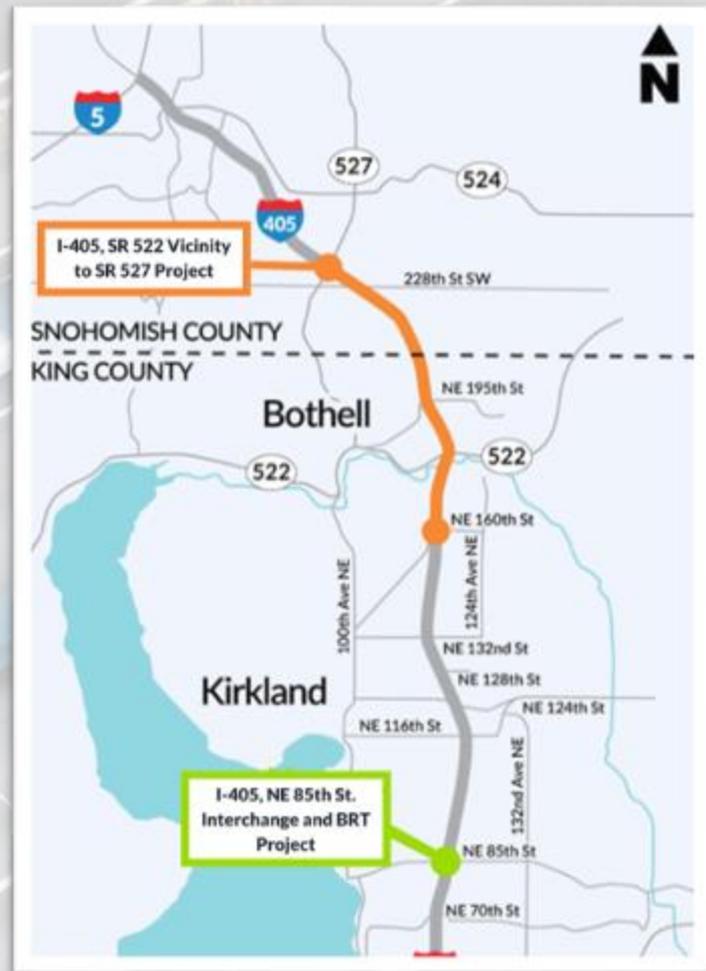
Not sure/Other

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# Project overview and benefits



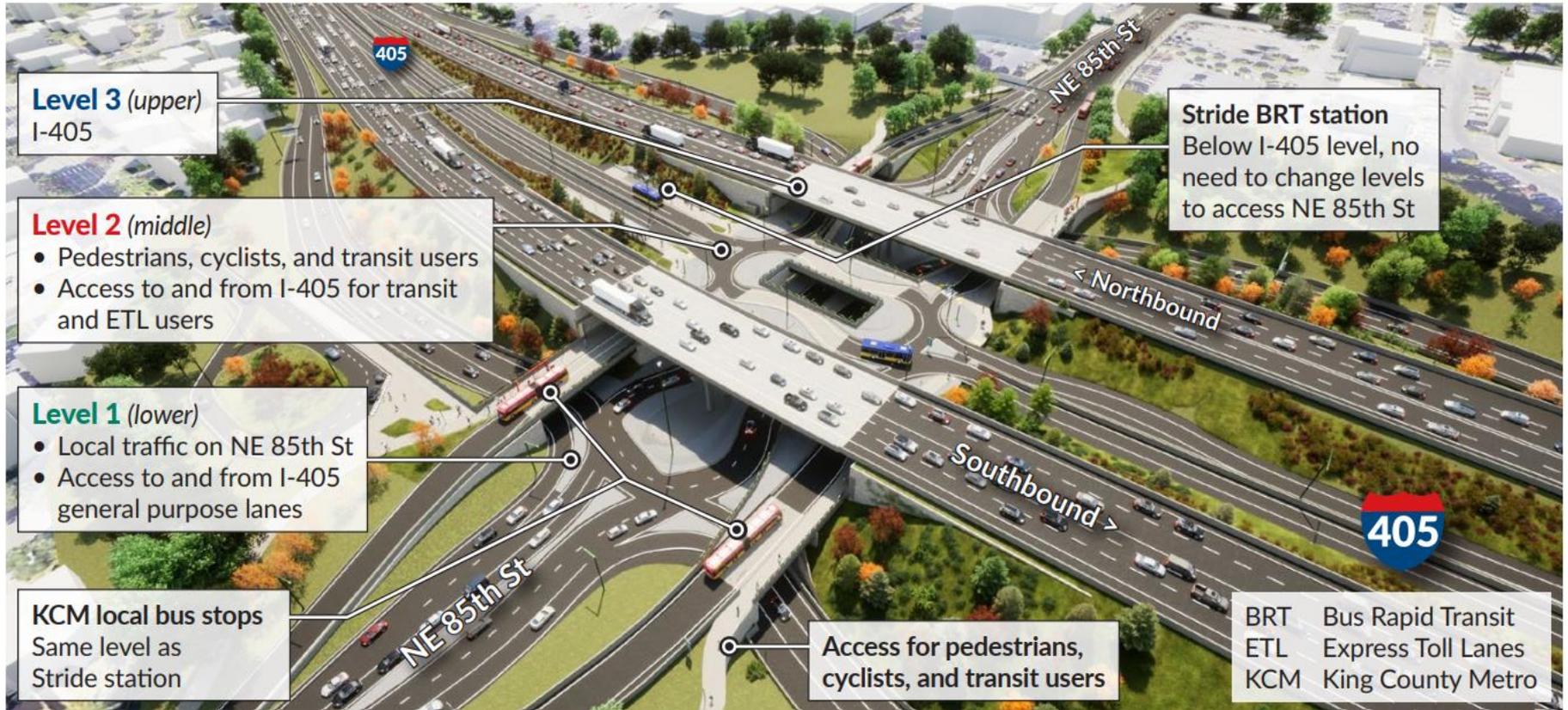
# Coordinated Projects on I-405 Corridor

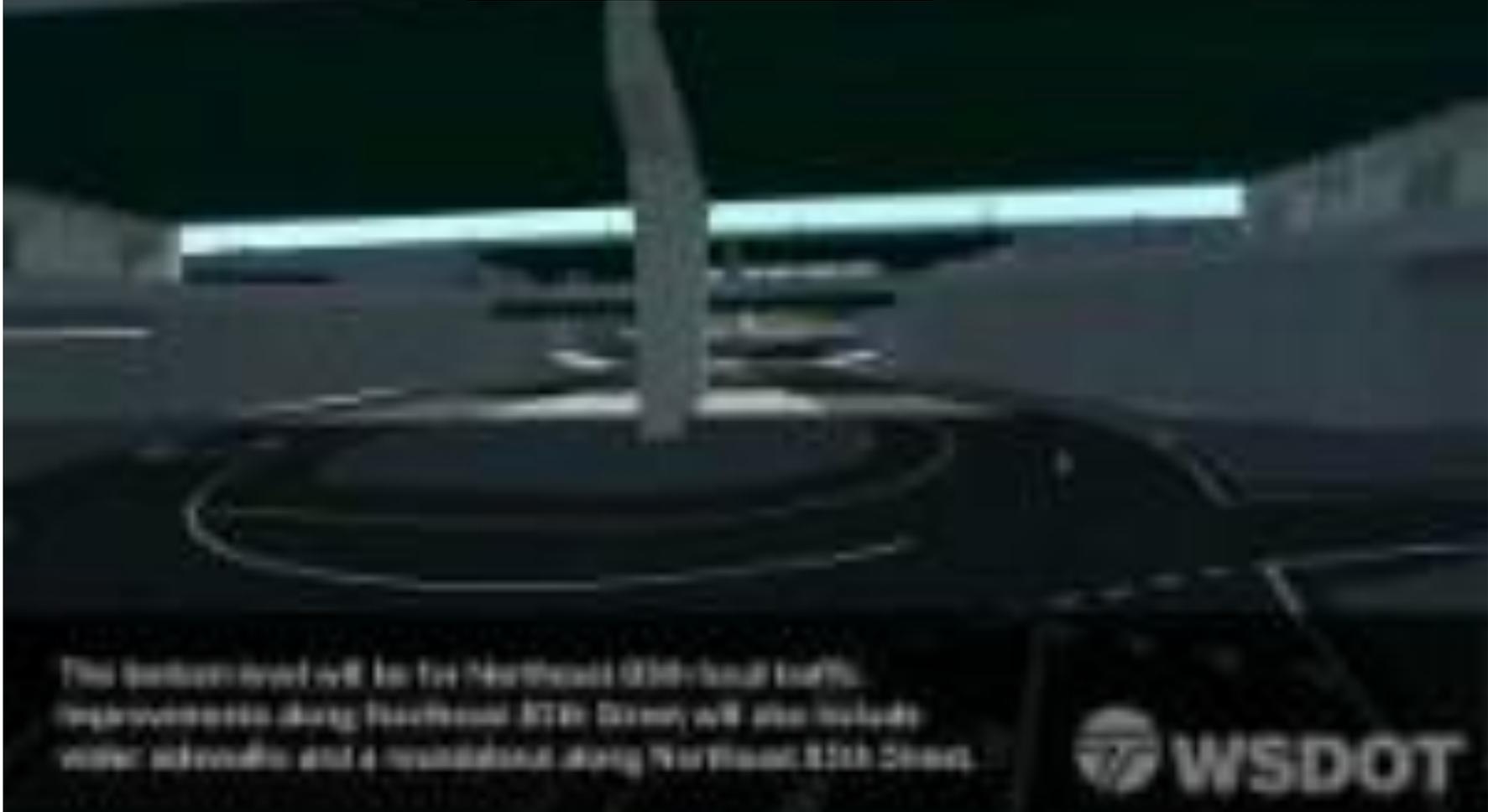


# I-405, Northeast 85th Street today



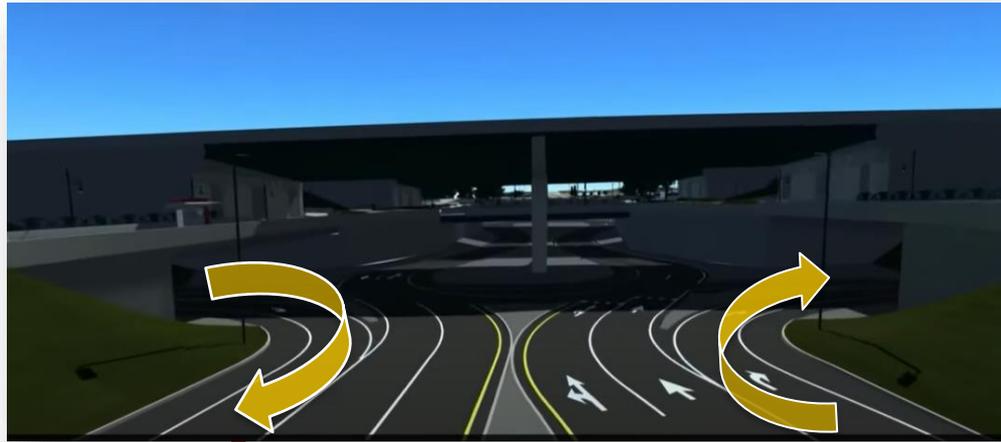
# The future of Northeast 85th Street





The bottom level will be for Northwest 83rd Street traffic.  
Improvements along Northwest 83rd Street will also include  
water sidewalks and a residential along Northwest 83rd Street.





# Project benefits

When complete, people who live, work, or play in the region will:

- **Save time and money** with faster, more reliable access to transit services locally and regionally.
- **More easily connect** to downtown Kirkland and Redmond.
- **Be able to use** Express Toll Lanes when they need to.
- Experience **safer, more reliable transportation options** – no matter how they get around.





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# **Stride Bus Rapid Transit (BRT)**

# What is Bus Rapid Transit?



## AM peak hour travel times to Bellevue

### North Line – Lynnwood to Bellevue



ST Express (existing)

57 MIN

ST3 representative project\*

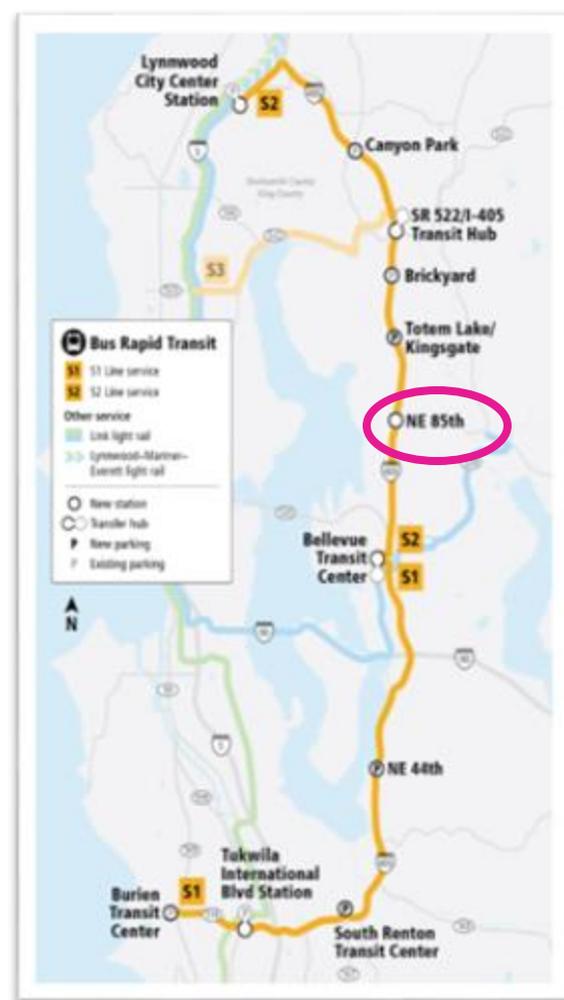
50-55 MIN

I-405 BRT proposed refined project\*

46-51 MIN

I-405 BRT with north express toll lanes

33-38 MIN



# Bus Rapid Transit Benefits



Sheltered and comfortable stations.



Bicycle accommodations.



Faster boarding, including off-board fare payment and all-door entry and exit.



Convenient all-day service with buses arriving every 10 minutes during the busiest periods of the day.



Real-time rider information.



Improved access to stations for all modes including connecting transit services.



Specialized buses.

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# Construction updates

# Project schedule

Schedule updated December 2023. Subject to change.

Near completion:  
December 2026

## Design

February 2023 – December 2023



 We are here

## Early Construction

August 2023 – January 2024



Phase 1



All traffic to new alignments

Phase 5



Phases 3 and 4

85th Traffic to  
DA Alignment



Phase 2

I-405 Traffic on new Alignment



Existing Traffic Alignment



# Completed and in-progress activities

- ✓ **Clearing & Grubbing:** Clearing away plants, roots, and stumps from construction area, including near the interchange clover leaf.
- ✓ **Tree removal:** Follows tree removal plan. Trees will be replanted when major construction is nearly completed.
- ✓ **Drainage installation:** Trench excavation and drainage installation near the southbound off-ramp.
- ✓ **Stream restoration work:** Temporary diversion of stream to prepare for future fish culvert installation.
- ✓ **Temporary signals site prep:** Get project site ready by bringing in equipment and materials for new temporary signals.



*Clearing and grubbing on NB 405 shoulder*



*Stream channel restoration  
(plastic is covering disturbed area)*

# What's next → Temporary signal installation

## December 2023 – January 2024:

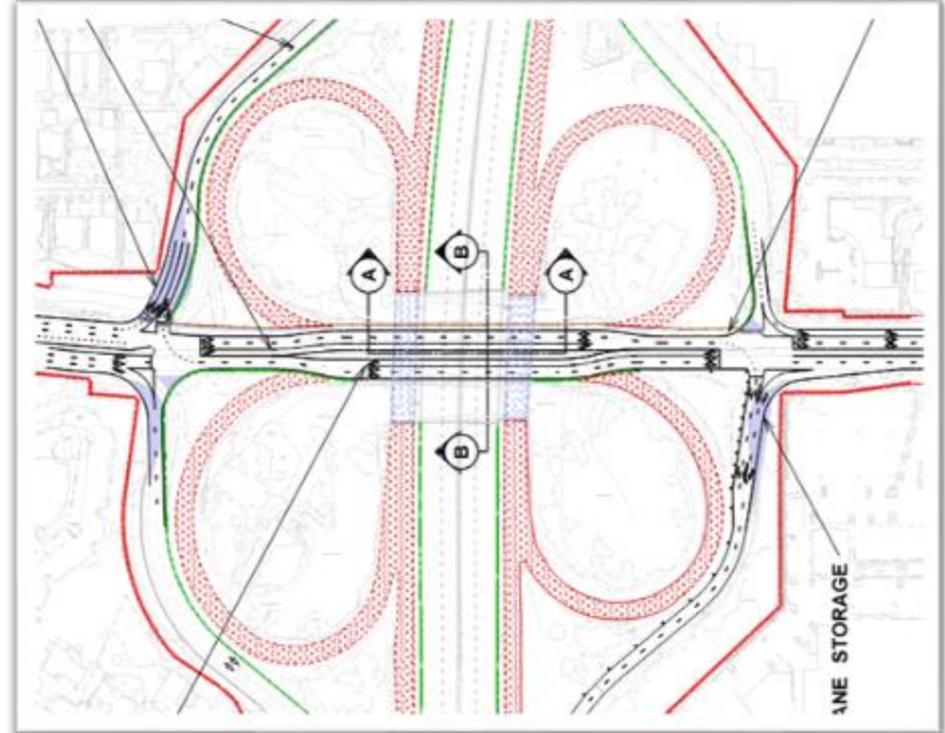
- Temporary intersection construction.
- Realignment of the Intelligent Transportation System (ITS) conduit.
- Installation of temporary signals near NE 114th and NE 120th in January.



# Looking ahead to 2024

- **February – March 2024:**
  - **Weekend closure, new ramp traffic flow and temporary signals:** Over one full weekend, we will be closing both directions of Northeast 85th to change how drivers get on and off I-405 ramps and to turn on new temporary signals.
  - **Weekend closure, remove ramp bridges:** Over another full weekend, we will be closing both directions of Northeast 85th and ramps to I-405 to take down and remove the existing ramp bridges near the I-405 mainline.
  - **New I-405 mainline bridge support construction:** Begin construction of new mainline bridge support structures.

# New Diamond Interchange Signals



# What you can expect during construction

- Weekday, weekend, and night work
- Lane closures
- Northeast 85th Street closures (partial and full closures)
- I-405 ramp closures
- Signed detours and flaggers
- Noise and vibrations



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**Stay in touch!**

# How we're keeping Kirkland informed

- Road signs
- Mailed materials and information
- Briefings, meetings, and pop-up events
- Email and website updates
- Quarterly project updates on Zoom
- Poster and flyer distribution
- Connecting regularly with neighbors and businesses



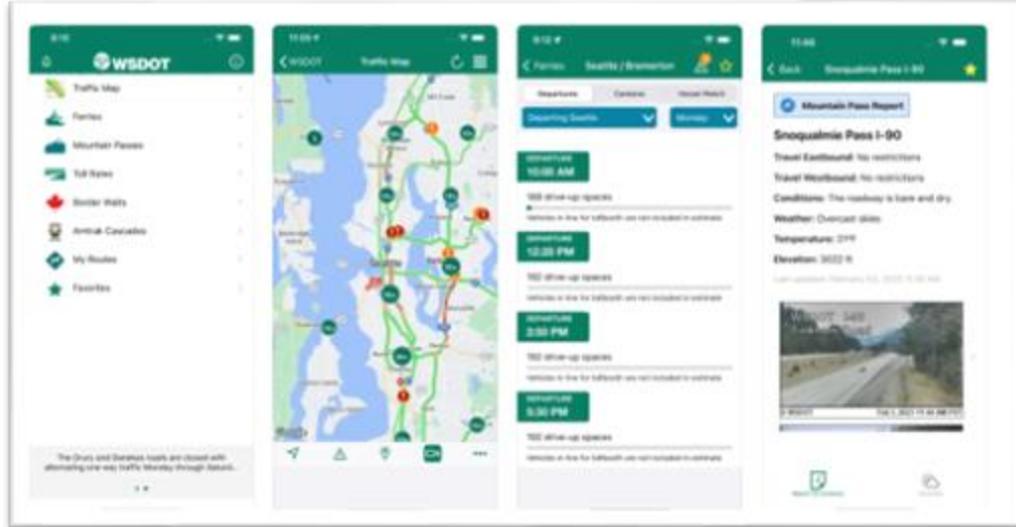
**Stay informed by  
subscribing to email  
updates.**

**Updates include:**

- Closures
- Lane shifts
- Nighttime or other potentially disruptive work
- Changes in work hours
- Construction milestones

# Real time travel map

<http://wsdot.com/travel/real-time>



## WSDOT mobile app

Just type in the term "WSDOT" in [Google play](#) or [the App Store](#) to download the WSDOT app.

# How to stay updated



Email us:  
**[I405SR167Program@wsdot.wa.gov](mailto:I405SR167Program@wsdot.wa.gov)**

Email us to be added to the 85th project updates list.

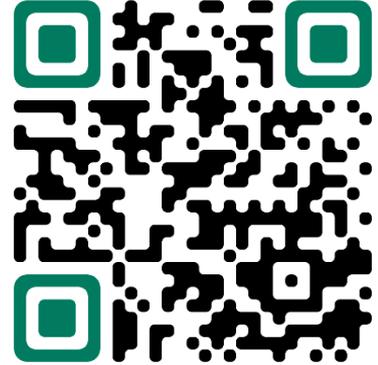


Visit the website:  
**[bit.ly/85th-interchange-BRT](https://bit.ly/85th-interchange-BRT)**



Call our construction hotline:  
**425-224-2423**

Monitored weekdays, 8 a.m. – 5 p.m.



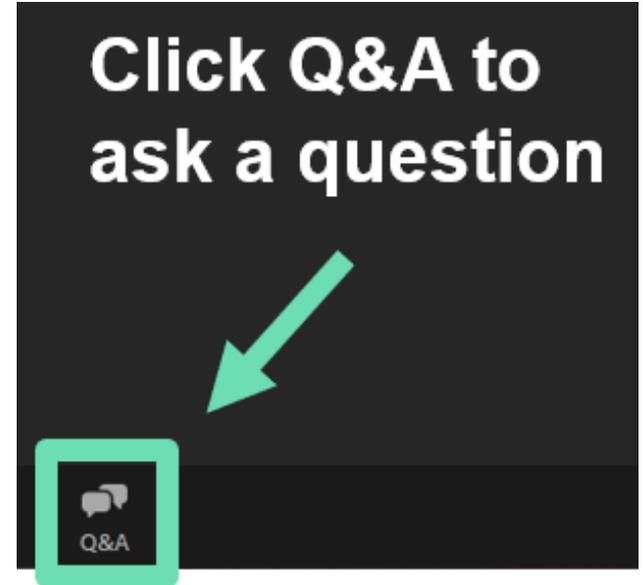
# Questions, comments, or concerns?

## Submit a question via Zoom Q&A window

- Keep questions focused on this project
- Submit your questions as short, complete sentences (*this helps us read out the questions*)

We will answer as many questions as we can by 1:30 p.m.

Questions that are specific to an individual situation can be difficult for us to answer in the moment. You can call or email our team after the meeting to get these types of questions answered. We are here to help!

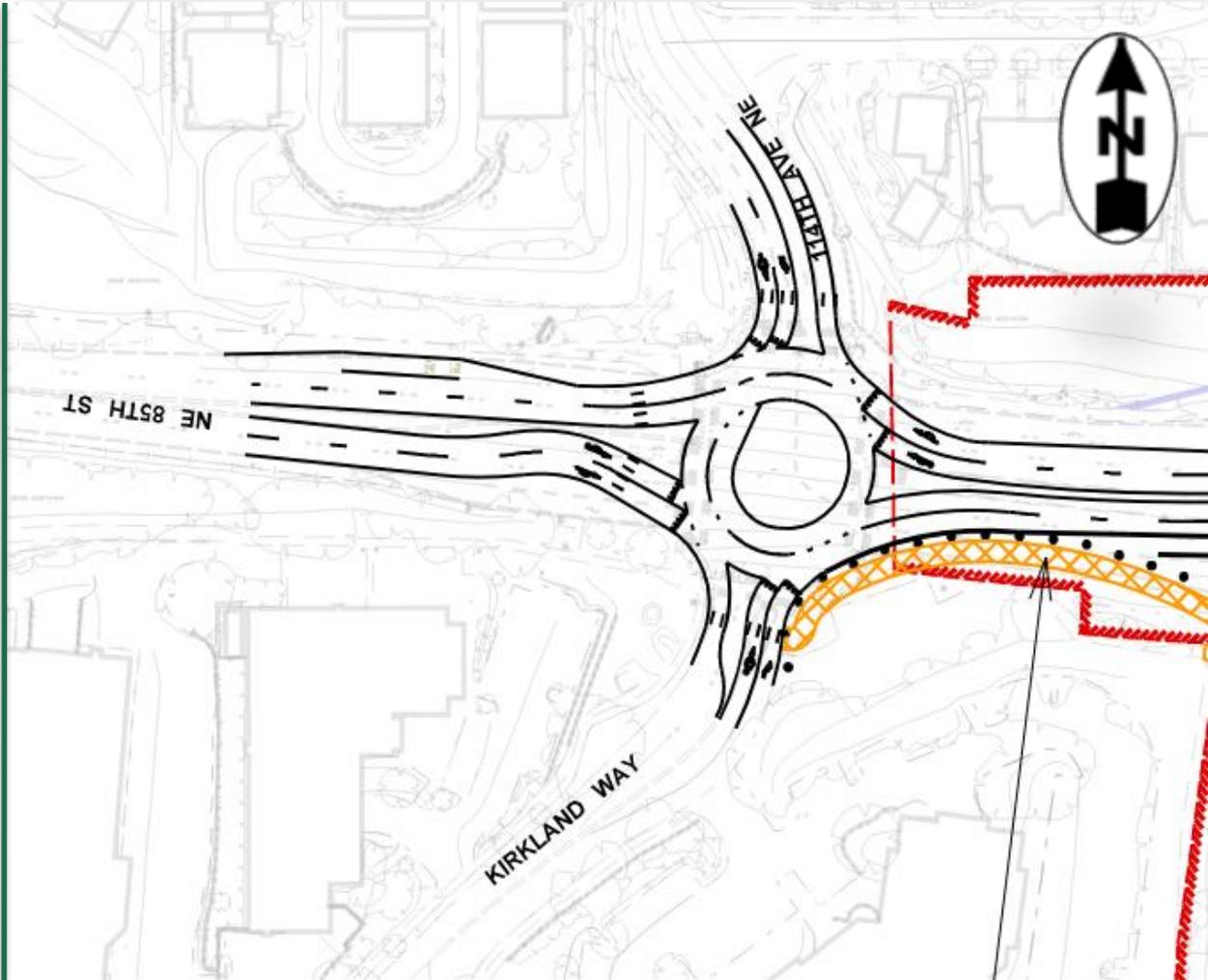


**Questions?**

**Thank you for joining us today!**



# 114th Roundabout



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# Roundabouts

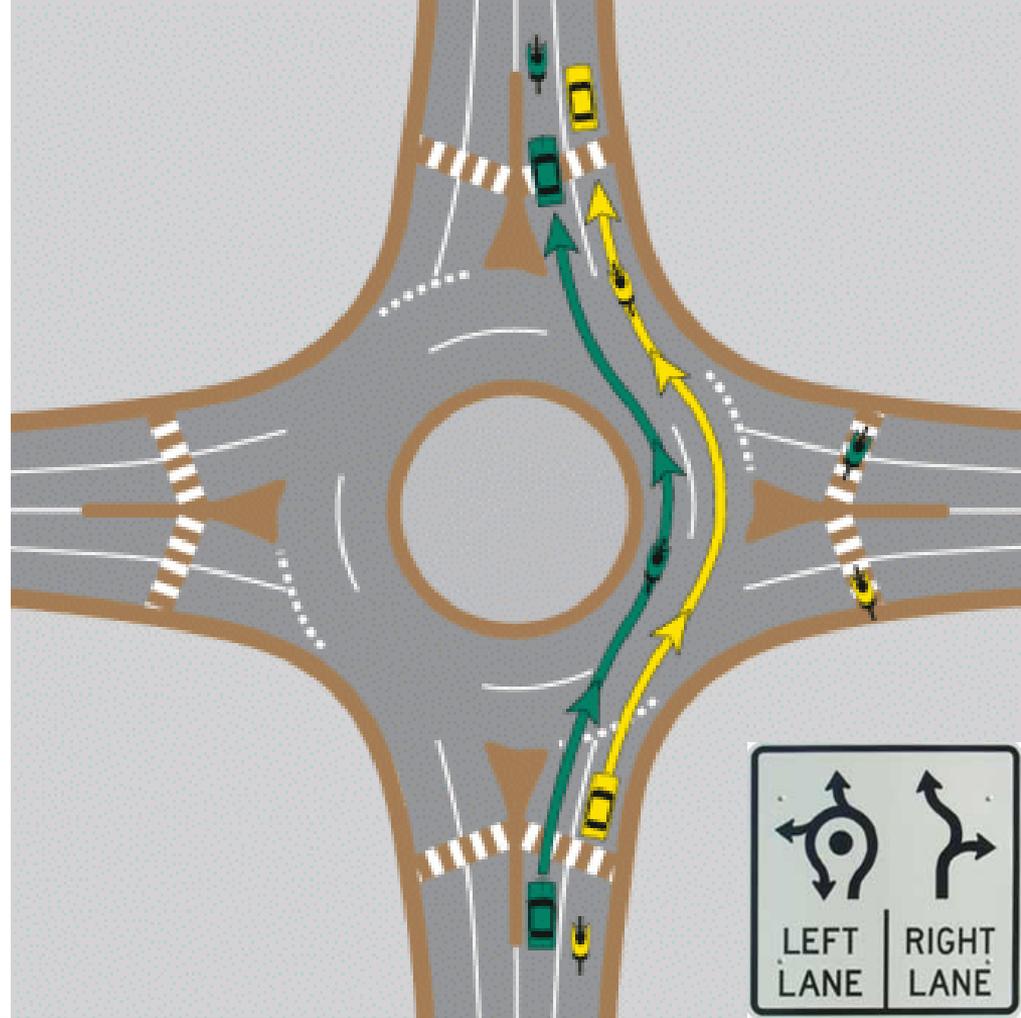
# Roundabouts

## What's a roundabout?

Circular intersection where drivers yield to other vehicles instead of stoplights or stop signs.

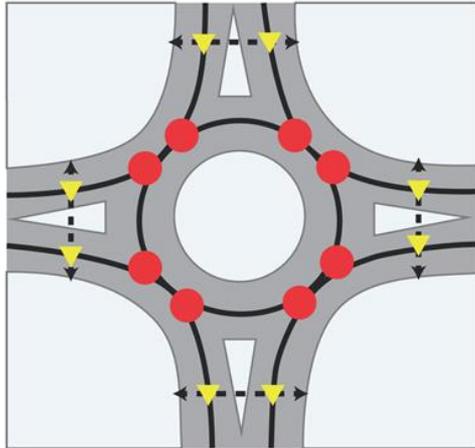
## Why build a roundabout?

- Improve traffic flow
- Fewer crashes
- Increase safety
- Reduce congestion
- Lower environmental impact



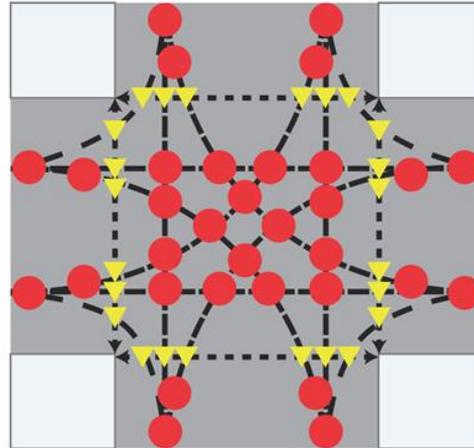
# How roundabouts can improve safety, increase mobility, and reduce crashes

## Roundabout



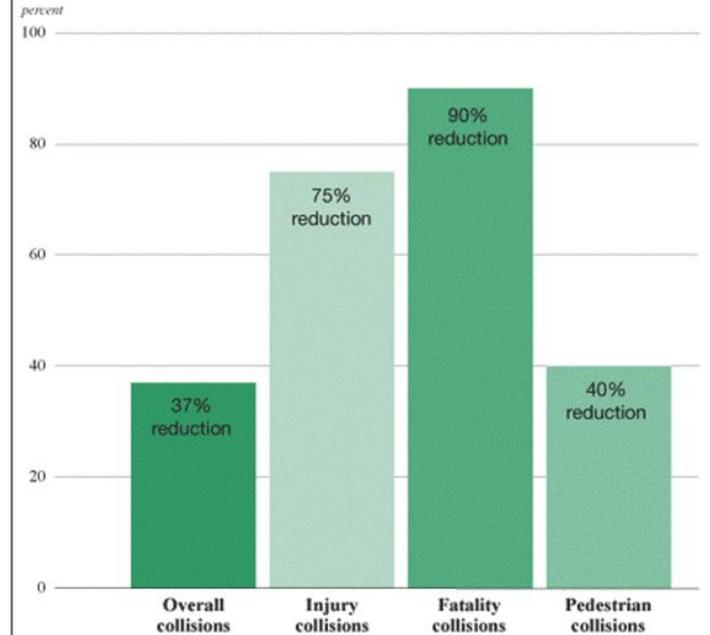
- 8 Vehicle Conflict Points
- ▼ 8 Pedestrian Conflict Points

## Intersection



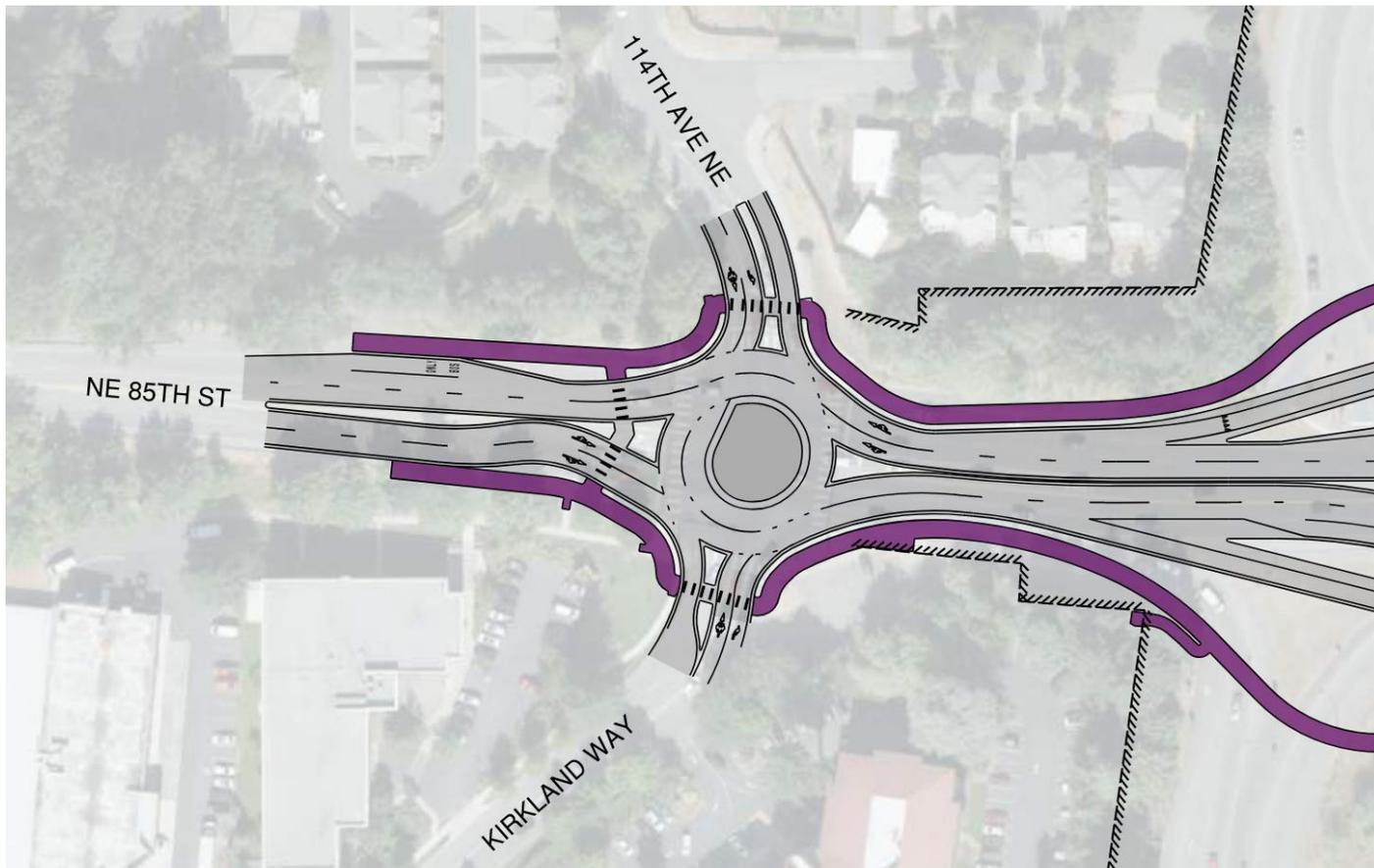
- 32 Vehicle Conflict Points
- ▼ 24 Pedestrian Conflict Points

## Reduction in collisions



Source: Federal Highway Administration and Insurance Institute for Highway Safety (FHWA and IIHS)

# New roundabout at NE 85th St and 114th Ave NE



# Pickup/drop-off facility (NW quadrant)



- Convenient access to CKC and downtown
- Direct (and shorter) access to bus stops
- A viable connection to NE 85th Street

# Outreach



## 2018

- ✓ Kirkland Transportation Commission
- ✓ Kirkland City Council Ad Hoc Committee
- ✓ Kirkland City Council Study Session
- ✓ 4 stakeholder workshops
- ✓ Open house

## 2019

- ✓ 6 Kirkland neighborhood briefings
- ✓ Kirkland Alliance of Neighborhoods
- ✓ Kirkland Transportation Commission
- ✓ Open house
- ✓ Kirkland City Council Ad Hoc Work Group
- ✓ Kirkland Transportation Commission
- ✓ Kirkland City Council

## 2020

- ✓ Sound Transit BRT online open house
- ✓ 1 Kirkland neighborhood briefing
- ✓ Kirkland Planning/Transportation Commissions

## 2021

- ✓ Kirkland City Council

## 2022

- ✓ Voluntary Submitters Meeting
- ✓ Eastside Transportation Association briefing
- ✓ Highlands Neighborhood Association briefing
- ✓ Voluntary Proposers Meeting
- ✓ Kirkland City Council

## 2023

- ✓ Bridging Kirkland event
- ✓ 9 Briefings with businesses, community organizations, and partners
- ✓ Virtual community meeting
- Open house at project office
- Neighborhood introductions