

# **I-405/NE 132nd Street Interchange Project**

We'll begin shortly.

Please connect with our team if you have any issues during the meeting.

# Welcome & introductions

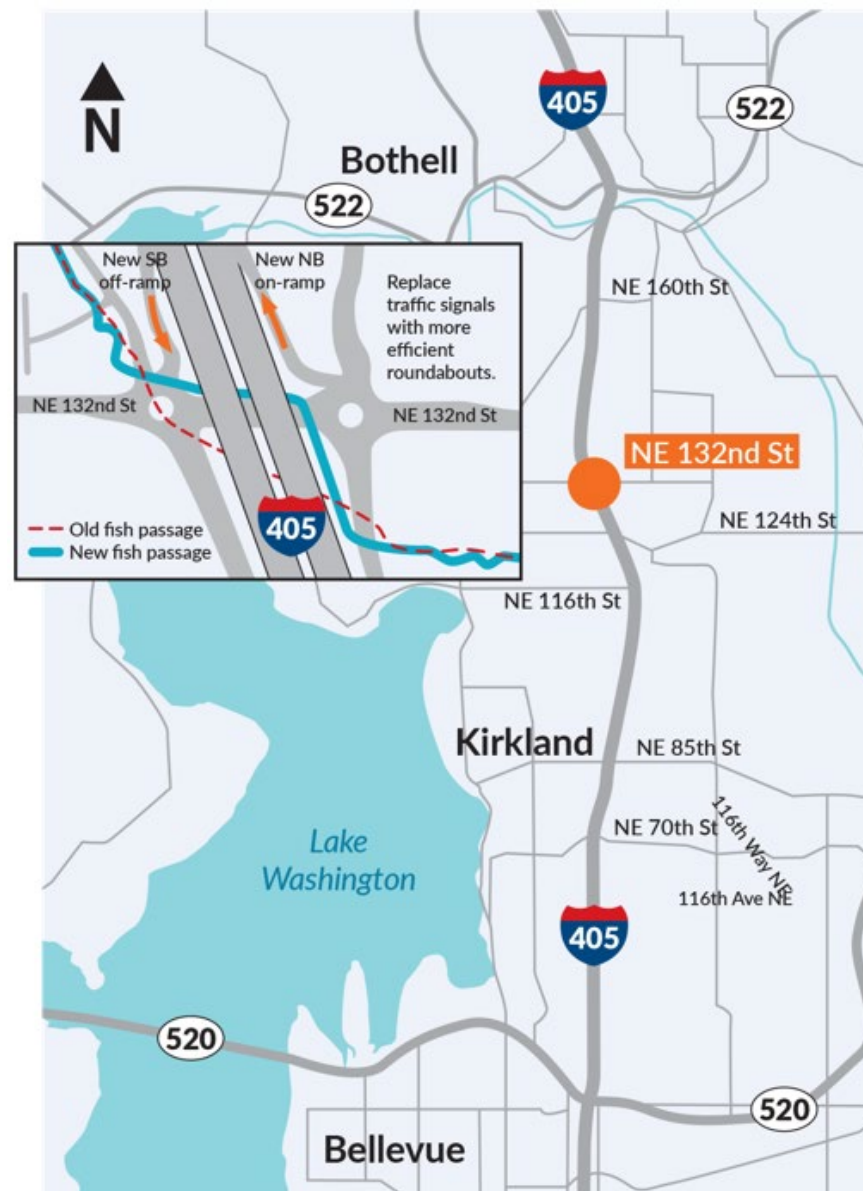
- **Alex Stapnes**, Meeting Facilitator, Graham Communications
- **Jon Harris**, Graham Project Manager
- **Drew Williams**, Graham Construction Manager
- **Darcy Edmunds**, Meeting Support, Graham Communications
- **Jack Irwin**, Meeting Support, Graham Communications
- **Jim Slavicek**, WSDOT Project Engineer
- **Marisa Chong**, WSDOT Assistant Project Engineer
- **Victoria Miller**, WSDOT Communications Lead

# Agenda

- Project purpose and benefits
- Progress and recent construction activities
- Project schedule
- Upcoming closures and traffic shifts
- How to stay informed & contact us
- Q&A

# Project purpose and benefits

- New on-ramp to northbound I-405
- New off-ramp from southbound I-405
- Builds local street improvements, including roundabouts at two intersections
- Improves pedestrian and bicycle connections in the area
- Makes environmental enhancements, including fish passage and stormwater improvements



# Final concept rendering



New southbound I-405 off-ramp

New northbound I-405 on-ramp

New roundabout traffic control

Enhanced sidewalks and bicycle lanes

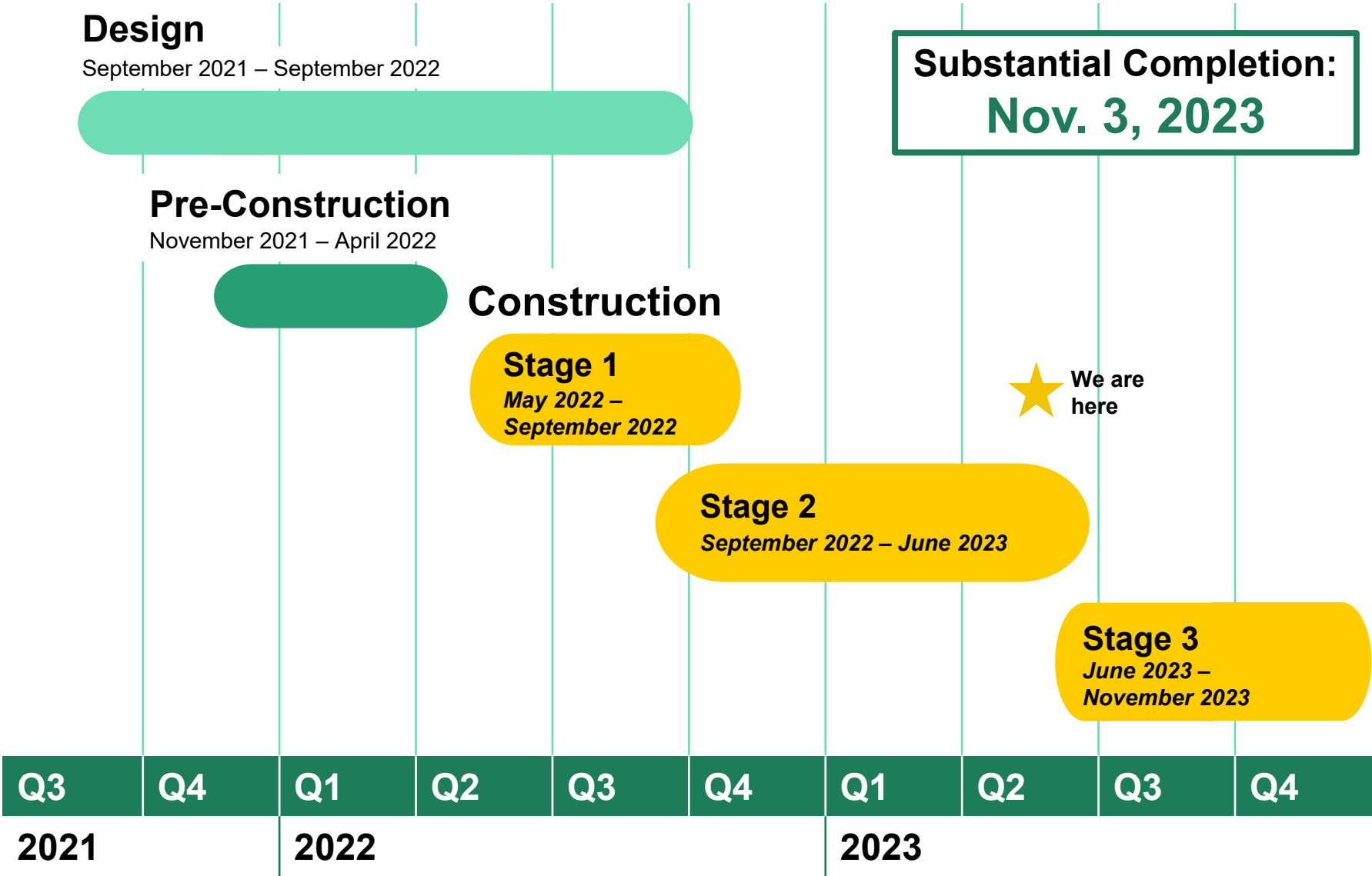
New roundabout traffic control

Corrected fish barrier  
3,000 feet of new upstream habitat

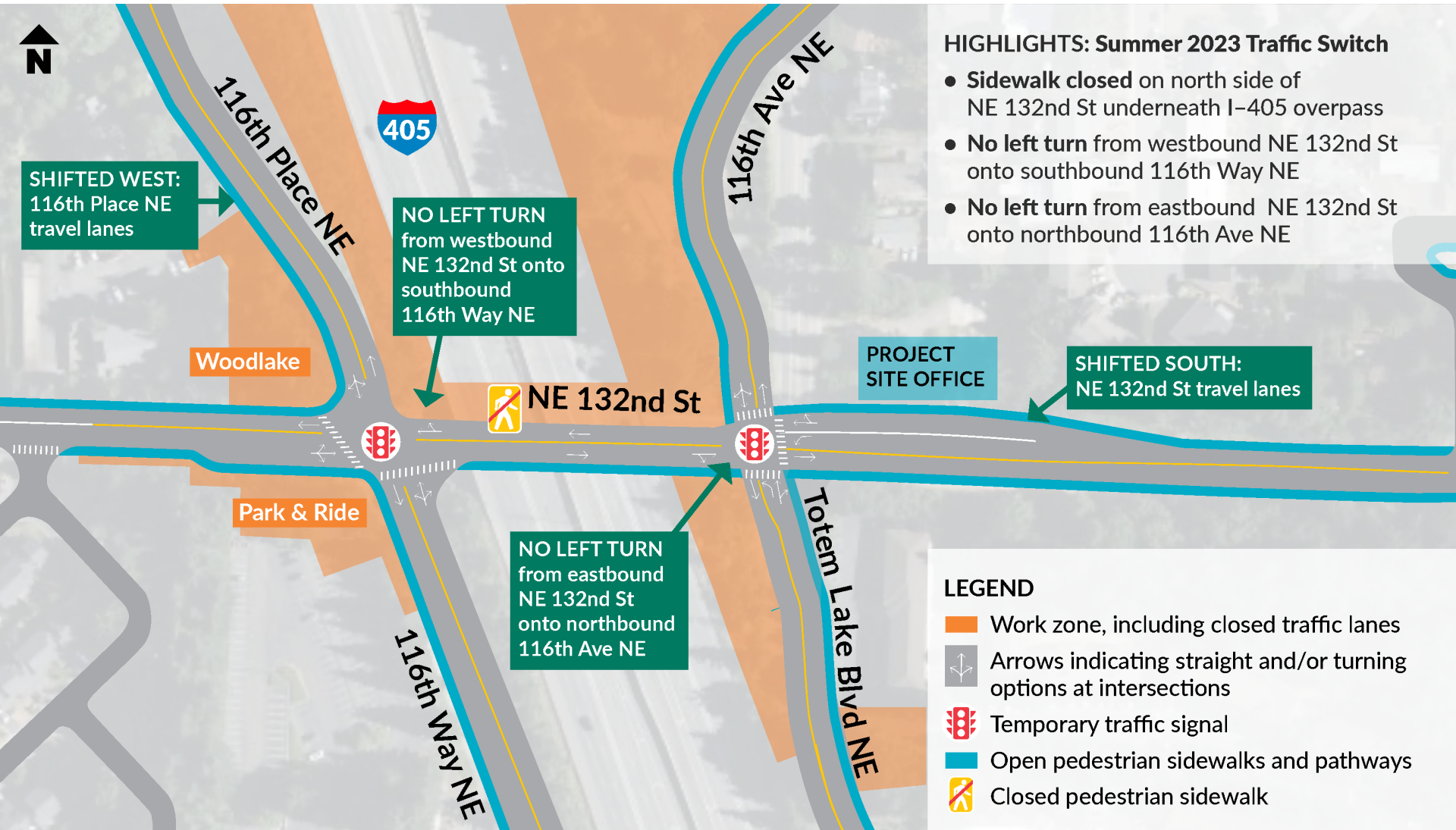
# Progress and recent work activities

- On and off-ramp grading
- Wall construction
- Drainage installation
- Utility relocations
- 116th Avenue Northeast reopened
- Sewer installation along Northeast 132nd Street

# Project schedule



# MOT Stage 3 – Traffic Shift (Summer 2023)





# NE 132nd St/Totem Lake Blvd Intersection closure – Late June



# Totem Lake Blvd NE closure at NE 132nd St – Early July





# How to stay informed



**425-224-2433**



**[bit.ly/i405-ne132nd-project](https://bit.ly/i405-ne132nd-project)**



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

*Email us to subscribe to project updates*



# Q&A

*Please raise your hand, and the facilitator will call on you.*



# Q&A transcript (Part one)

**Q:** Will left turns from Northeast 132nd Street onto 116th Way Northeast and 116th Avenue Northeast continue to be restricted during MOT Stage 3?

**A:** Yes, these left turns will continue to be restricted to optimize traffic flow.

**Q:** What type of culvert is being installed?

**A:** We are installing a three-part fish passage underneath I-405.

**Q:** Were seismic concerns considered in the culvert design?

**A:** Yes, all new construction must meet modern seismic standards. Prior to construction start, we completed a seismic assessment of the project area.

**Q:** Northeast 132nd Street is a highly trafficked road; will pedestrians be able to cross without traffic signals in the new roundabout design?

**A:** The crosswalks will have rectangular rapid flashing beacons (RRFBs) that alert drivers to pedestrians trying to cross.

**Q:** Will pedestrians crossing Northeast 132nd Street cause significant traffic back-ups?

**A:** With the new design that includes safety islands between directions of traffic, pedestrians crossing will only halt one direction of traffic flow at a time. The overall improvement in traffic flow that results from the roundabout design will also help prevent such back-ups.

**Q:** How will the new bike lane work?

**A:** The bike lane in the new design will transition onto an 11-ft wide sidewalk underneath I-405. Cyclists will have the option to use the sidewalk or stay in the traffic lanes.



## Q&A transcript (Part two)

**Q:** We are concerned that many people don't know how to navigate the roundabouts.

**A:** We will plan to share informational materials with the community that demonstrate how to navigate the roundabouts and focus on roundabout operations in future meetings. The new roundabout design will operate like all standard two-lane roundabouts.

**Q:** How will you prevent I-405 ramp traffic from backing up into roundabouts?

**A:** The on-ramp meter signal adjusts based on the number of cars queuing on the on-ramp to prevent significant back-ups into the roundabout. The on-ramp design also includes enough space for an additional lane to be added in the future if needed to help accommodate higher volumes of on-ramp traffic.

**Q:** Will visibility be reduced in the new traffic design?

**A:** Visibility for drivers and pedestrians was taken into account during design. The grades at and near the roundabouts will be modified by the time the project is complete so that visibility is improved from current conditions.

**Q:** Due to the grade of 116th Avenue Northeast, people are concerned about driving on this hill during icy and snowy conditions.

**A:** The City of Kirkland closes 116th Avenue Northeast during snow events.

**Q:** How will lighting in the area change as part of the new design?

**A:** The intersections within the project area will be 100% illuminated and lights will be installed underneath I-405.



# Q&A transcript (Part three)

**Q:** What will access look like for residences along 116th Avenue Northeast after the project is complete?

**A:** Residents in this area will still be able to access 116th Avenue Northeast. We will provide more information on what that road configuration will look like in future meetings.

**Q:** How does traffic caused by construction affect school bus routes?

**A:** We coordinate with the Lake Washington School District to ensure that school bus routes are accommodated during construction.

**Q:** Do all the crosswalks in the new design have a safety island?

**A:** No, only crosswalks that go across three or more lanes have a safety island for pedestrians.

**Q:** Where will the right lane end in the westbound direction along Northeast 132nd Street in the new design?

**A:** The right lane will merge near the fire station, giving travelers sufficient time and distance to merge from two lanes into one.

**Q:** What types of trees will be installed?

**A:** The tree species that will be installed in the project area were selected by landscape architects. Visibility and future maintenance were considered in the selection.

**Q:** Does the new design help reduce stream pollution from freeway run-off?

**A:** Yes, the new design will include water retention ponds and upgraded drainage to filter water run-off from I-405.



## Q&A transcript (Part four)

**Q:** Will future road closures be needed for the construction of the roundabouts?

**A:** Yes, future road closures will be needed to construct the roundabouts. We will try to complete as much roundabout construction as possible during upcoming fish passage related closures in order to minimize future disruptions to traffic.

**Q:** What is being done about nighttime noise?

**A:** We understand that nighttime noise can be challenging for people who live in the project area. We are working to minimize noise as much as possible. We acknowledge that the past few months have been difficult, and we have had to make some adjustments to the way we conduct certain nighttime operations. Unfortunately, there are some work activities that need to be conducted at night for the safety of crew members and the traveling public, and to prevent significant traffic disruptions during the day. We appreciate the patience shown by the community.

**Q:** Are there plans to construct a pedestrian overpass in the area?

**A:** We are not aware of any plans to construct an overpass at this time.

**Q:** Why is it only a half-diamond interchange without ramps on the south side of Northeast 132nd Street?

**A:** There is not enough space to safely build a northbound I-405 off-ramp nor a southbound I-405 on-ramp. This was due to the direct access ramps and inline transit station at Northeast 128th Street to the south of the project. Additionally, this half-diamond interchange at Northeast 132nd Street will complement the other half-diamond interchange at Northeast 116th Street farther south on I-405 in Kirkland.



# Final concept rendering (reference)



**Thank you for  
joining us today!**