

I-405/NE 132nd Street Interchange Project Update

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Kirkland Transportation Commission
May 23, 2018

Objectives for tonight's meeting

- Provide recap of NE 132nd interchange project progress to date
- Present updated design options incorporating feedback on non-motorized elements
- Collect additional feedback from commissioners

I-405 Master Plan

Regional Consensus

- EIS Record of Decision, 2002
- *Multimodal, multiagency plan*

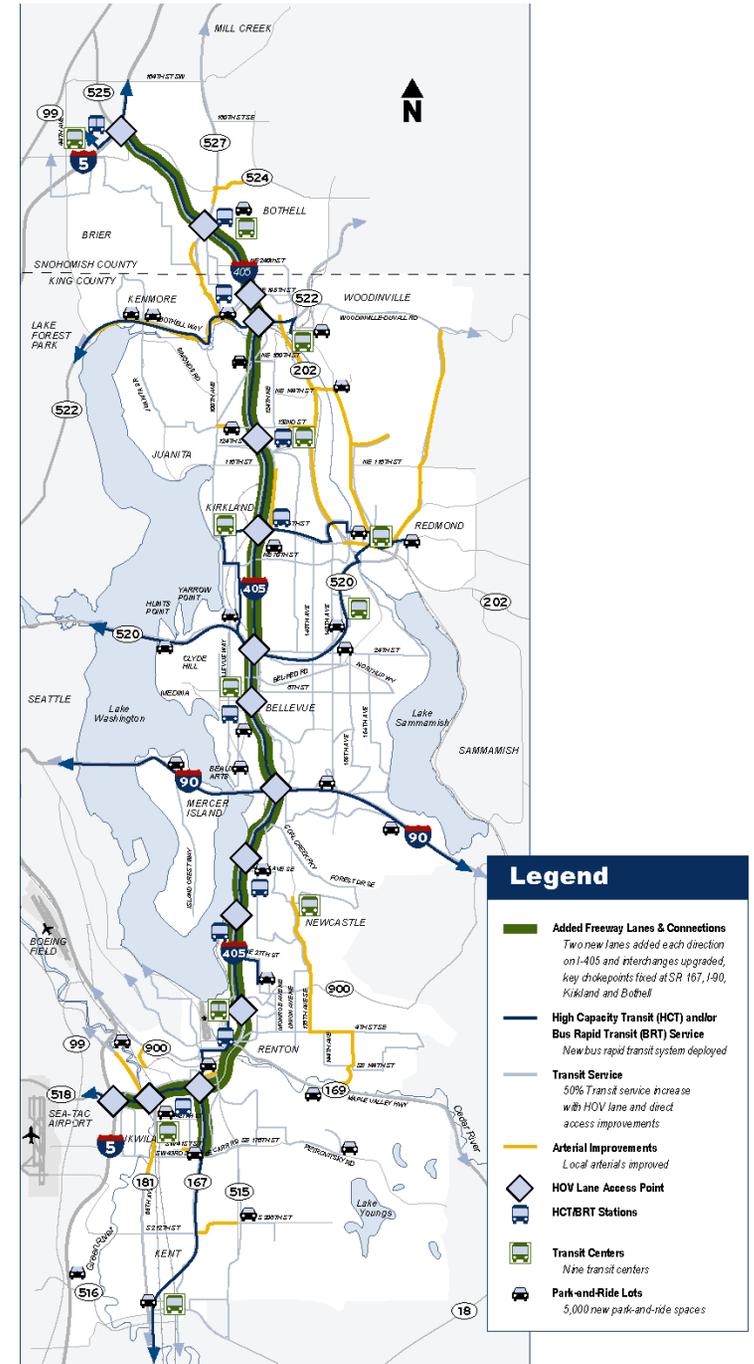
Roadways

- 2 new lanes in each direction
- Local arterial improvements

Transit & Transportation Choices

- **Bus Rapid Transit system**
- New transit centers
- 50% transit service increase
- HOV direct access ramps and flyer stops
- Potential managed lanes system
- 5000 new Park & Ride spaces
- 1700 new vanpools

Environmental Enhancements



Project History

2002 ----- 2007/08 ----- 2012 ----- 2015 ----- 2017

Project identified in I-405 Corridor Program EIS as a part of Preferred Alternative

NE 132nd St. Master Plan Study released by City of Kirkland

Plan developed to replace the mainline structures over 132nd overpass

FHWA approval to leave existing structures in place, allowing interchange to be funded

Project funded in Connecting Washington

- Start design development and coordination with City
- Bridge limitations
- Federal injunction for fish passage



I-405/NE 132nd Street Interchange Project

Description:

- Builds a new half interchange to and from the north at NE 132nd Street in Kirkland (Totem Lake area)
- Environmental enhancements

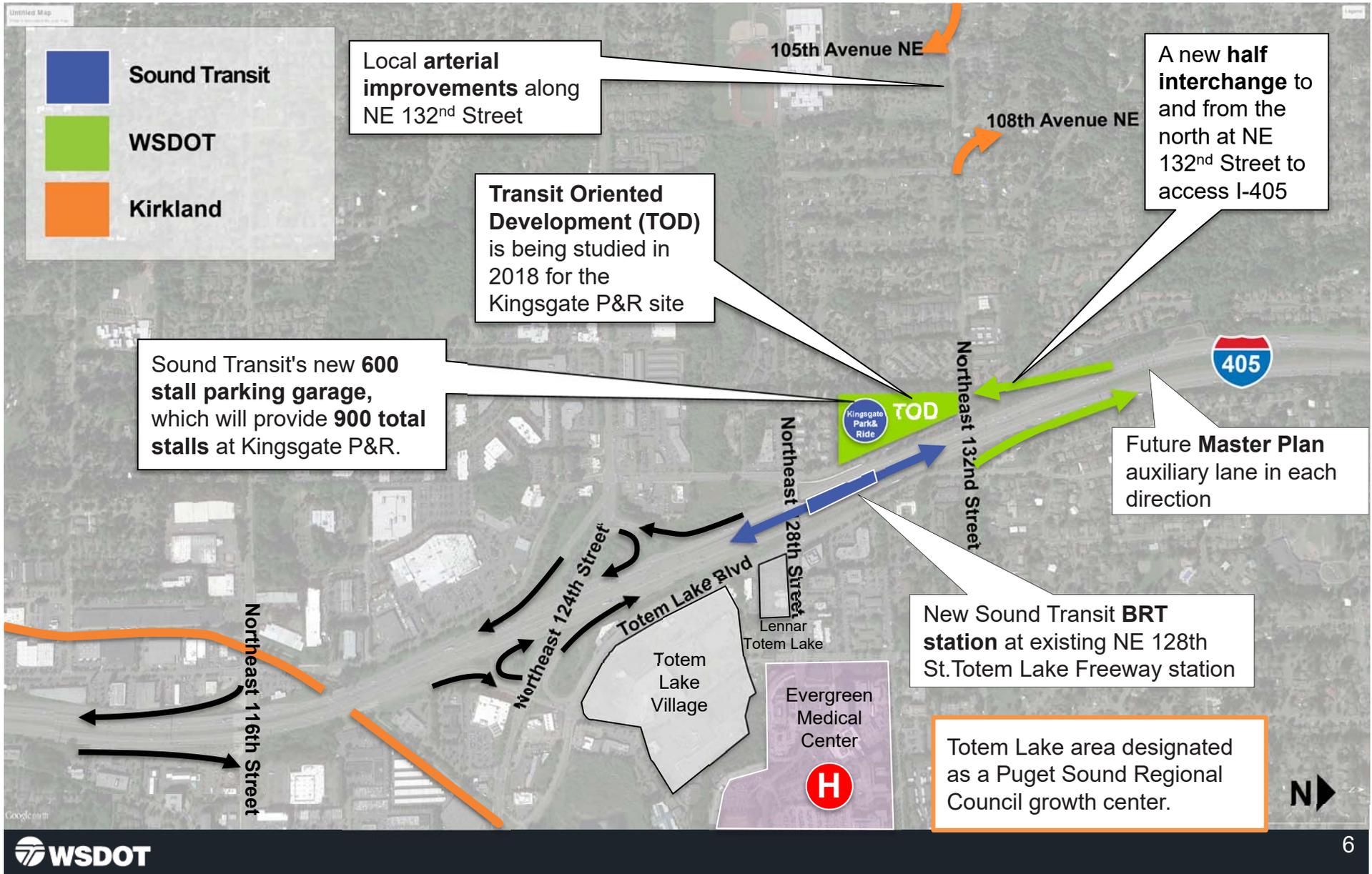
Estimated cost: \$75 million funded by Connecting Washington

Project Goals:

- Improve access to Totem Lake regional growth center
- Reduce reliance on heavily congested Northeast 124th Street and Northeast 160th Street interchanges



Totem Lake area improvements



Outreach to date



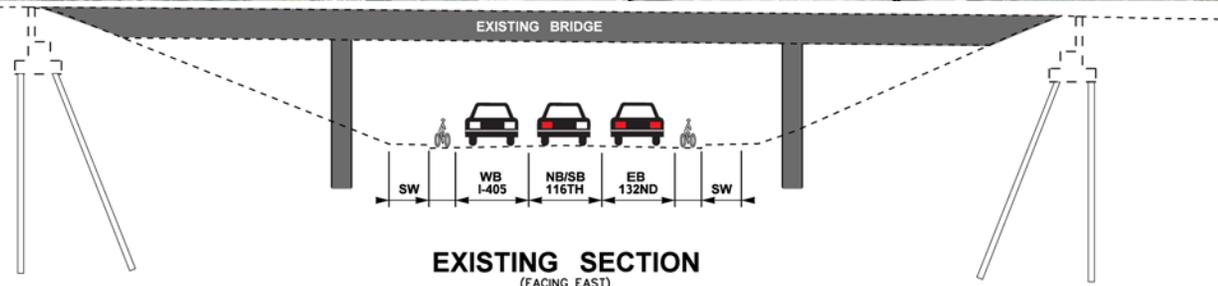
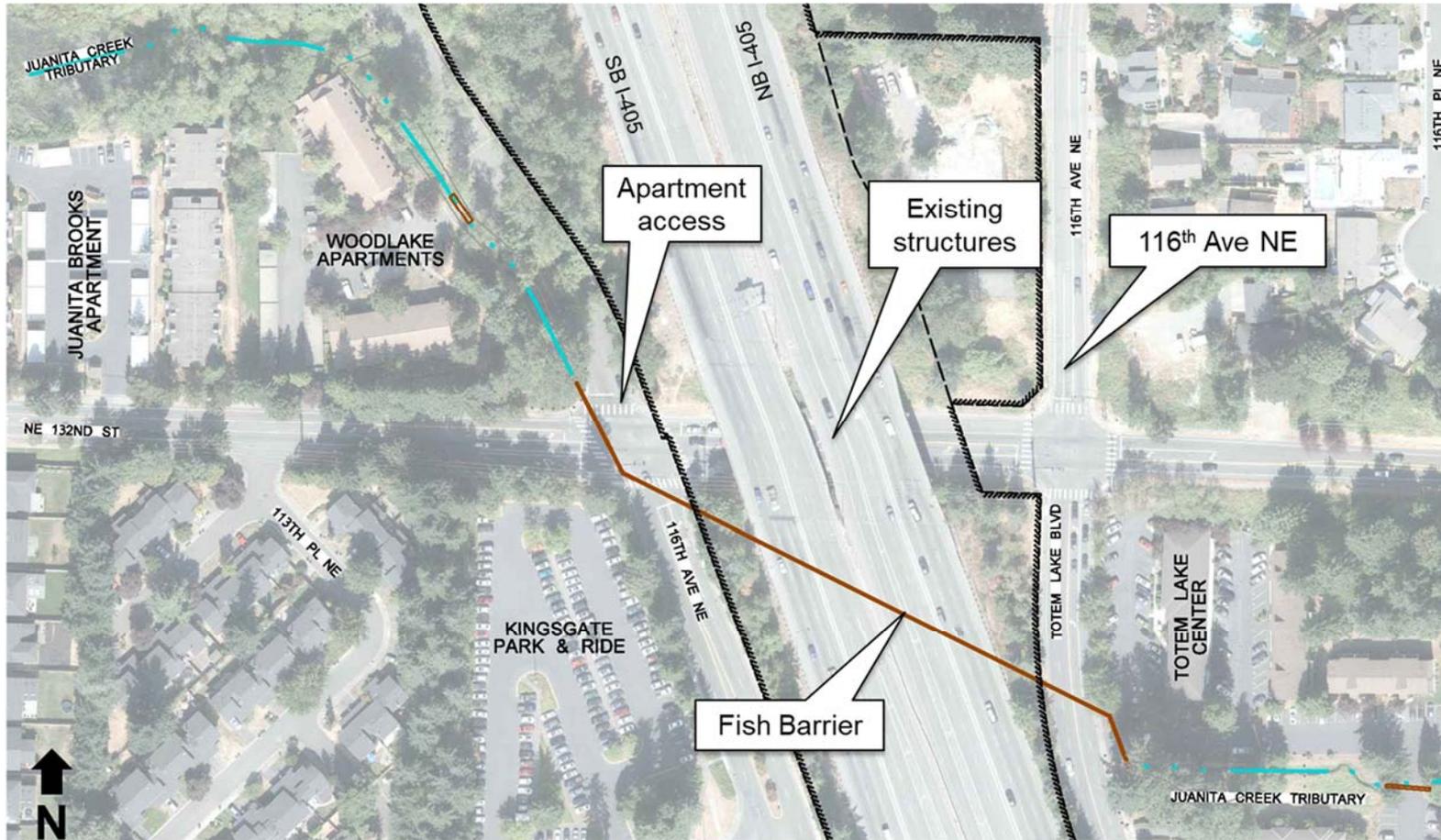
Completed project briefings:

Jan. 20, 2018 – Kirkland City Council
Jan. 27, 2018 – Ad Hoc Transportation Committee
Jan. 29, 2018 – Totem Lake Conversations
Feb. 28, 2018 – Kirkland Transportation Commission
March 12, 2018 – Juanita Neighborhood meeting
March 14, 2018 – Kirkland Alliance of Neighborhoods
March 20, 2018 – Kirkland Council Study Session

Feedback received

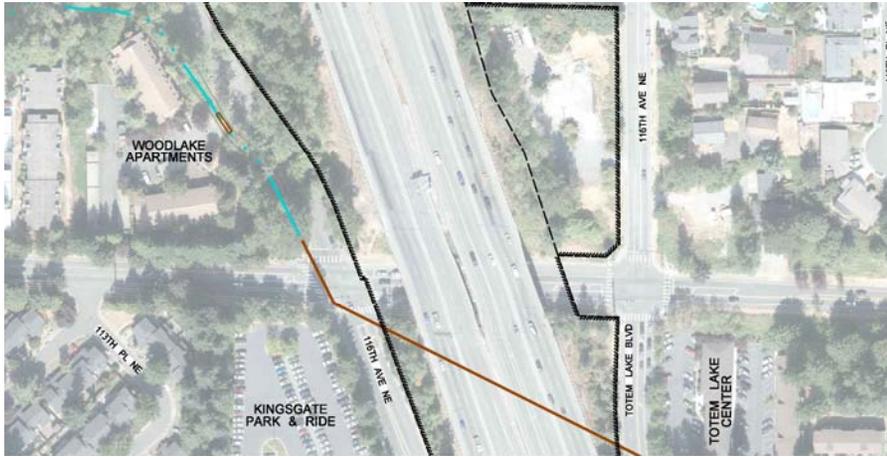
- Desire for pedestrian facilities on both sides of street
- Mixed opinions on roundabouts vs. signalized intersections

Existing Conditions

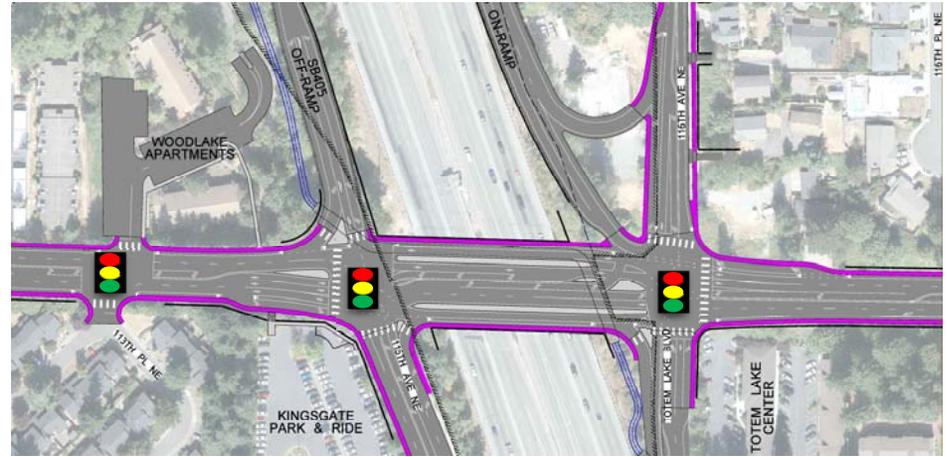


Preliminary Engineering Concepts

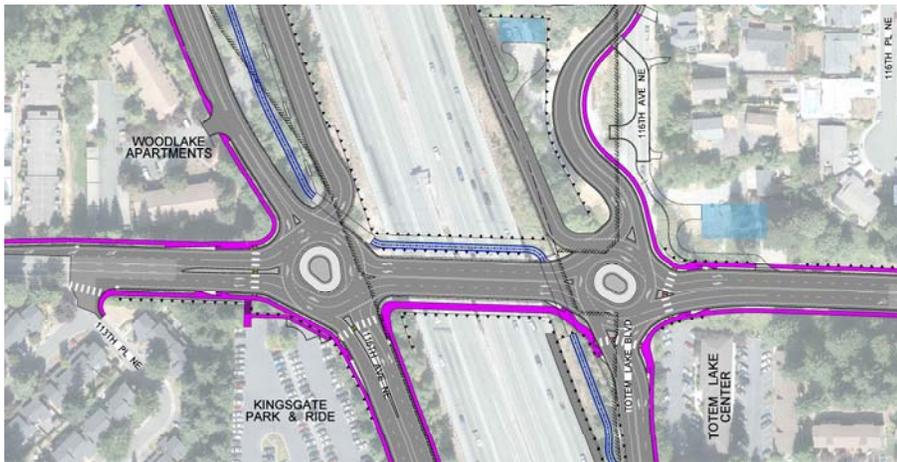
Existing



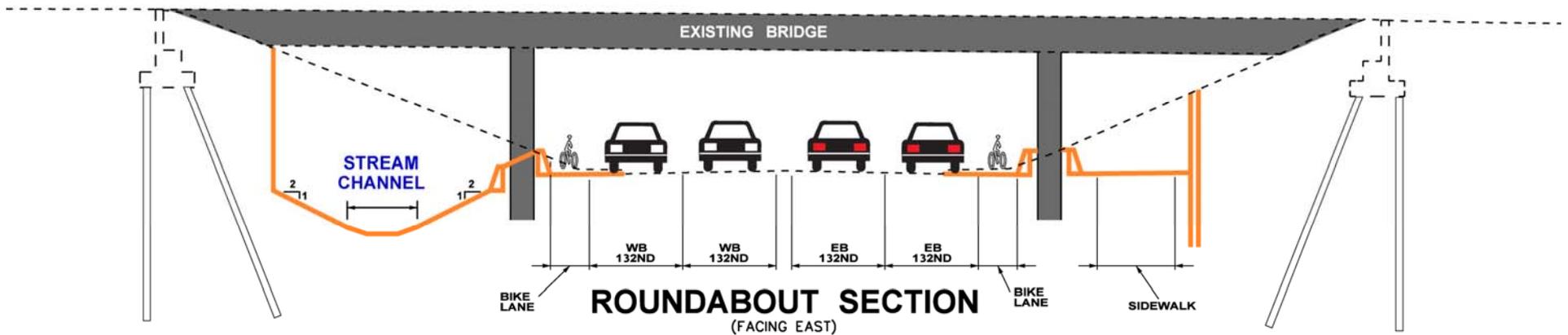
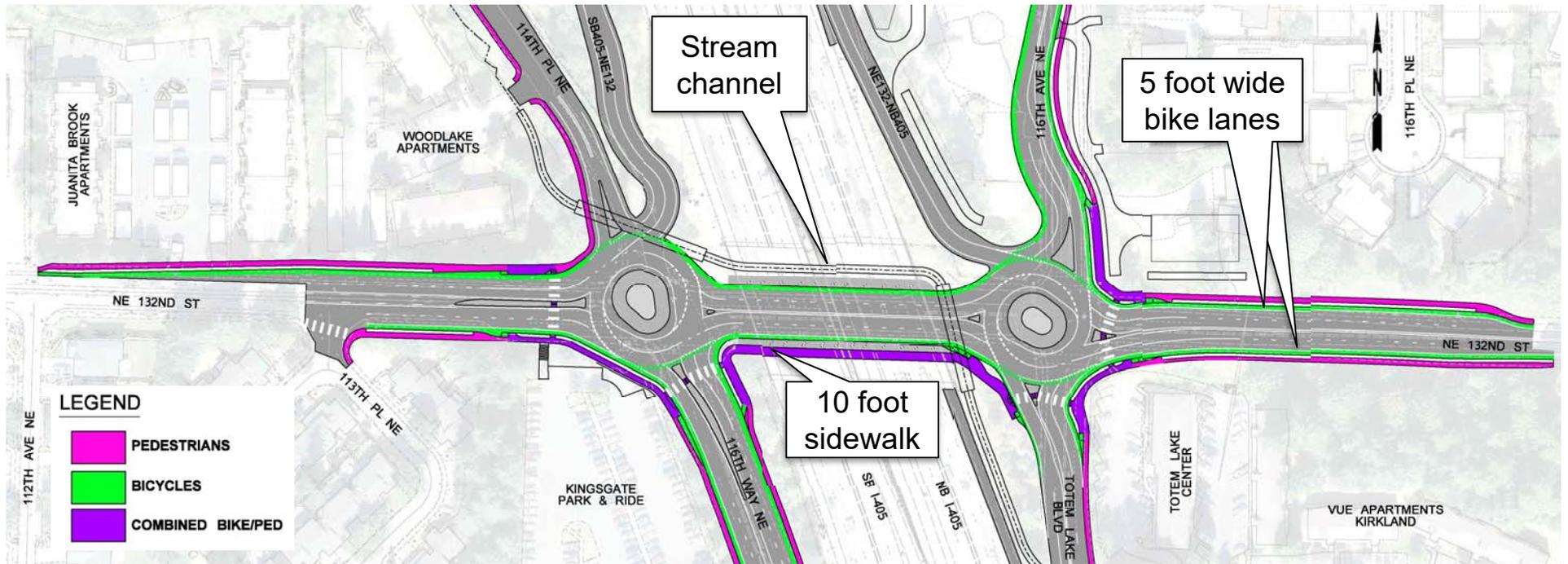
Signalized



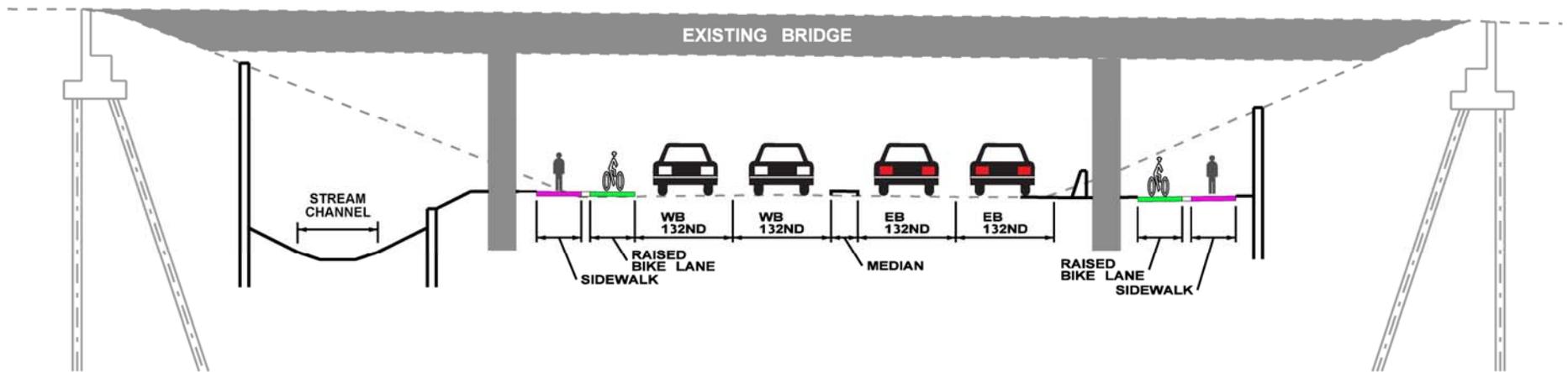
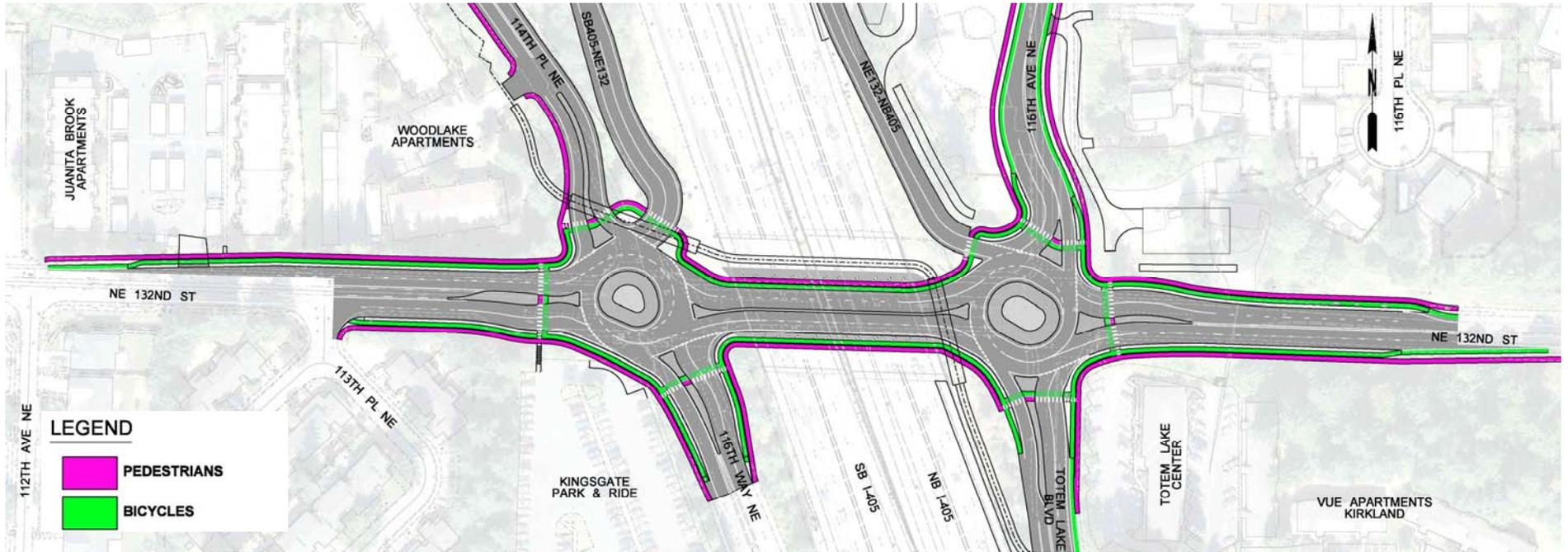
Non-signalized



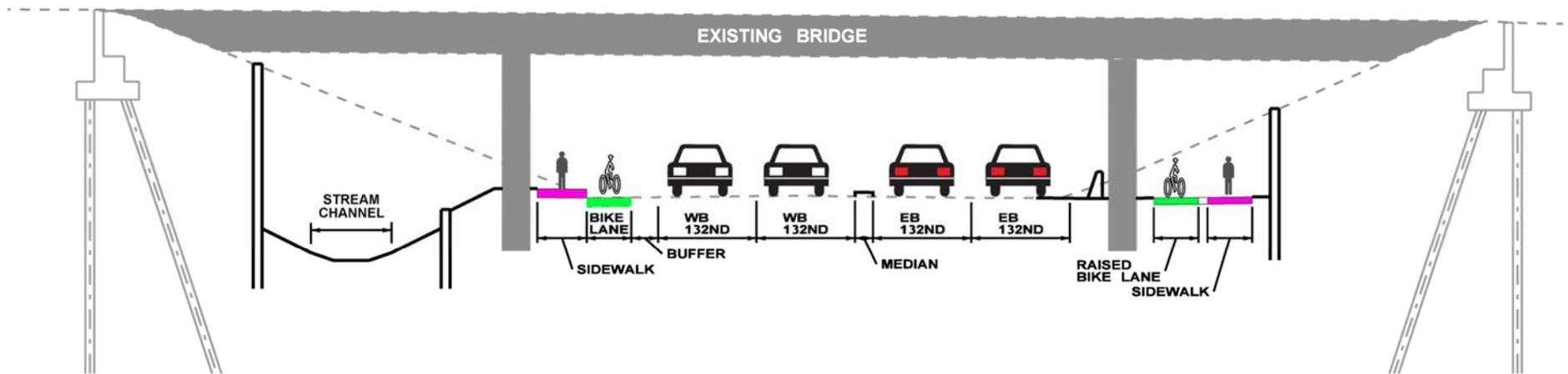
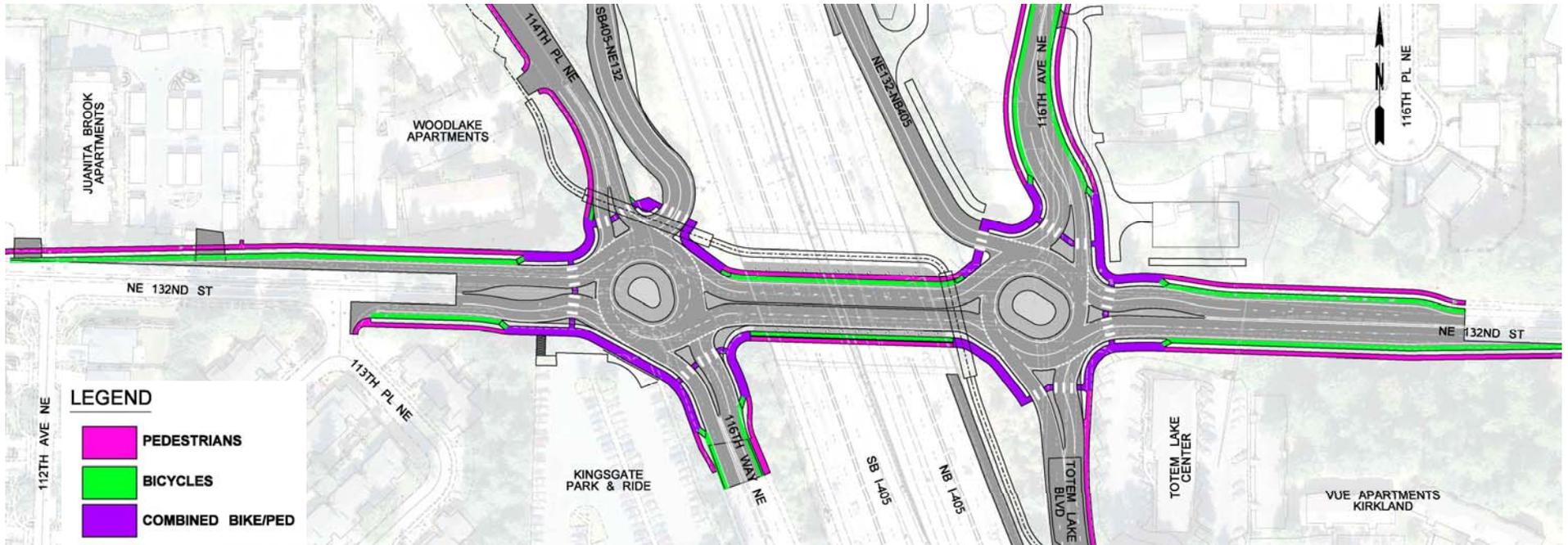
Nonmotorized Design Concept: Initial (Base)



Nonmotorized Design Concept: Option #1



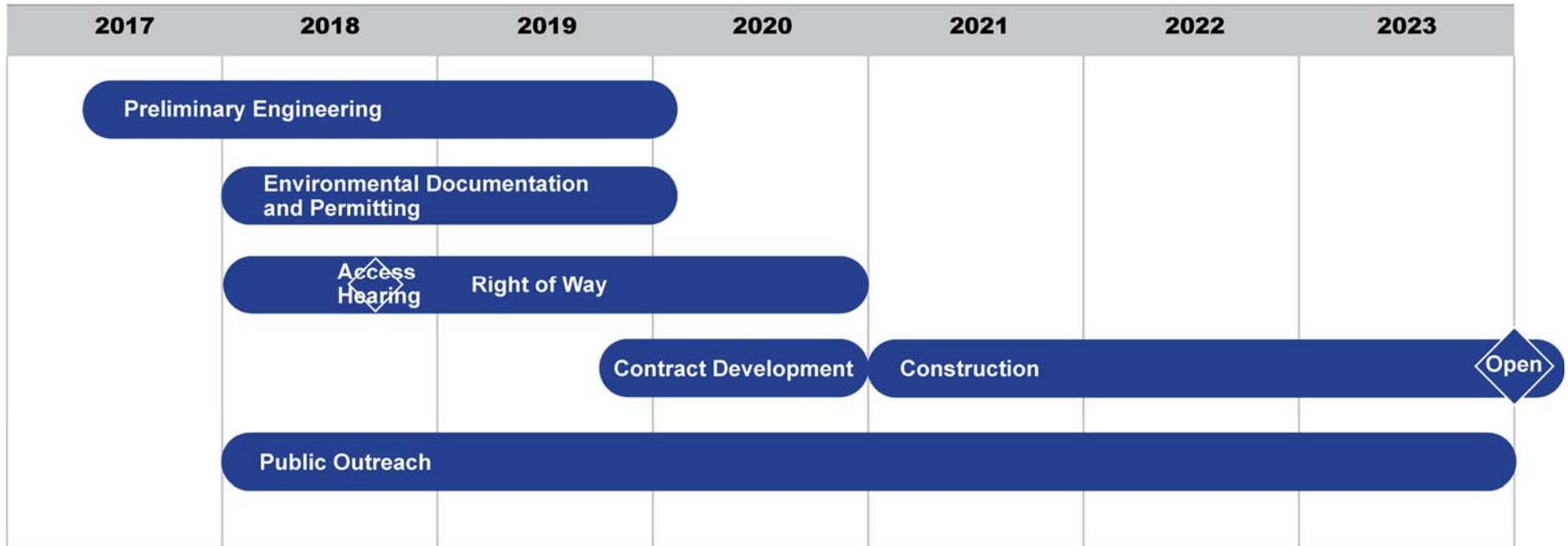
Nonmotorized Design Concept: Option #2



Discussion

Project Timeline

- **2017:** Begin preliminary engineering, right-of-way, and environmental review
- **2018:** Begin right-of-way process
- **2021:** Construction start (estimated spring 2021)
- **2023:** Open to traffic



Near-Term Outreach



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- ✓ March 20, 2018 – Kirkland Council Study Session

Upcoming project briefings:

- May 23, 2018 – Kirkland Transportation Commission
- Spring/summer 2018 – Potential kick-off open house, follow-up briefings
- July 28, 2018 – Tour de Totem Lake event
- August 2018 – Access hearing on right-of-way

Questions?

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Public Outreach

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For more information, visit:

www.wsdot.wa.gov/Projects/I405/NE132ndStInterchange