

WELCOME

CORRIDOR **OVERVIEW** **CORRIDOR**

I-5 INTERCHANGE

ROUNDABOUTS

CONSTRUCTION & NEXT STEPS

SHARE COMMENTS

Virtual Open House: June 1-15, 2022

Welcome!

The City of Shoreline's 145th Street (SR 523) Projects will improve traffic flow, safety, and access to Sound Transit's Shoreline South/148th Station, which is scheduled to open in 2024.

- The 145th Street Corridor Project will widen the street and add sidewalks, crosswalks, left-turn lanes, and street lighting.
- The 145th Street & Interstate 5 (I-5) Interchange Project will replace signalized intersections on either side of I-5 with roundabouts and add a two-way protected bike lane and sidewalks on the bridge over I-5.

Construction of the first phase of the project, between Corliss Avenue N and 5th Avenue NE, will occur in 2023 and 2024.

The purpose of this virtual open house is to provide an opportunity for you to:

- Learn more about planned improvements on 145th Street.
- Learn about what to expect during construction.
- Share your comments on the 145th Street Projects.

HOW TO USE THIS VIRTUAL OPEN HOUSE

To advance through this open house, scroll down to read each page, then click the "Next Page" button at the bottom of the page, or select the tab you want at the top.

Thank you for your participation!

STAY CONNECTED Sign up for updates and engagement opportunities about this project and others in the N 145th Street Corridor. **First Name Last Name** Email * *Email is Required

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CONTACT US:

Rob McGaughey, P.E., City of Shoreline Senior Project Manager rmcgaughey@shorelinewa.gov | 425-214-8598

For project information, visit shorelinewa.gov/145projects

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CORRIDOR OVERVIEW 145TH STREET CORRIDOR

I-5 INTERCHANGE PROJECT

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Virtual Open House: June 1-15, 2022

Corridor Overview

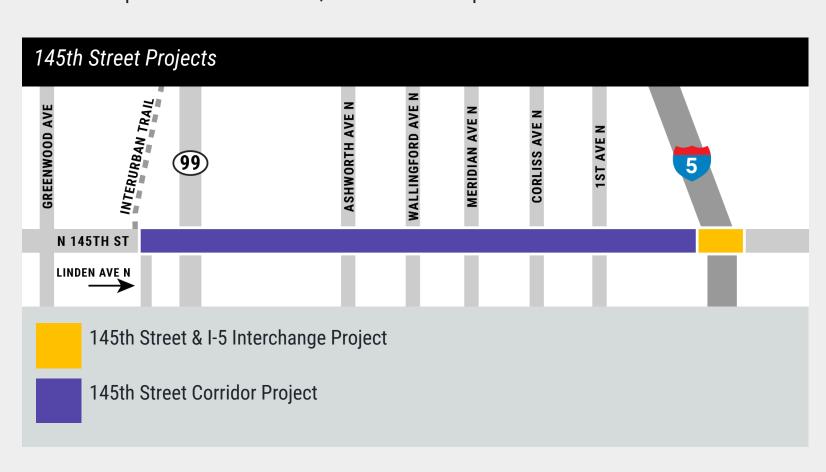
Link light rail is coming to Shoreline in 2024. The 145th Street & I-5 Interchange and 145th Street Corridor Projects will be constructed along 145th Street to improve traffic flow, safety, and access to Sound Transit's Shoreline South/148th Station.

145TH STREET & I-5 INTERCHANGE PROJECT

The 145th Street & I-5 Interchange Project will reconfigure the I-5 overpass bridge deck and construct roundabouts on either side to improve traffic flow and safety. Improvements will also include a two-way protected bike lane, sidewalks, and pedestrian crossings with rapid flashing beacons.

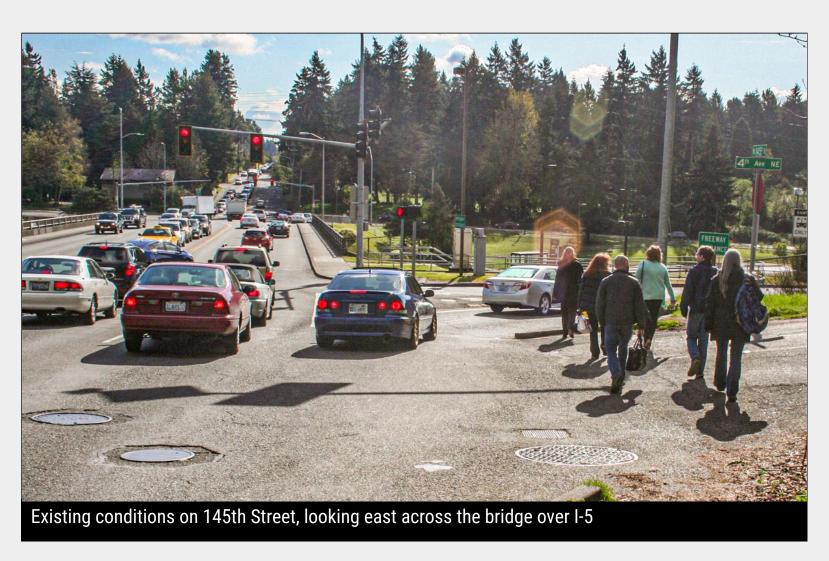
145TH STREET CORRIDOR PROJECT

The 145th Street Corridor Project will add safety and operational improvements between Linden Avenue N and I-5, including left-turn lanes, street lighting, relocated utilities, a shared-use path in some sections, and sidewalk improvements.



145TH STREET CORRIDOR CONGESTION

Today, the 145th Street corridor is significantly congested, particularly during peak hours. The corridor is narrow, making it challenging to accommodate the needs of pedestrians, transit users, cyclists, and people with disabilities, as well as the high volume of vehicles that use 145th Street every day. The 145th Street corridor and the I-5 interchange need significant upgrades to improve mobility, safety, and efficiency for all transportation modes and users. If left unaddressed, current challenges will become even more pronounced with the opening of Sound Transit's Shoreline South/148th Station in 2024.



BACKGROUND

In 2016, the City developed the 145th Street Station Subarea Plan to address future land use and transportation needs near the future Sound Transit Shoreline South/148th Station. Redevelopment will increase the number of people living, working, and traveling in the area around the station.

In 2016, the City also completed the 145th Street Multimodal Corridor Study, which evaluated existing conditions of the corridor for all users and considered future transportation demands. By working closely with the community and key stakeholders, the City tailored improvements to maximize benefits while minimizing negative community impacts.

As a result of this study, the City has received federal funding to complete design on two sections of the corridor: the 145th Street & I-5 Interchange Project and a portion of the 145th Street Corridor Project. During project design, the City will create the plan needed for construction to begin.

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145TH STREET **CORRIDOR**

I-5 INTERCHANGE PROJECT

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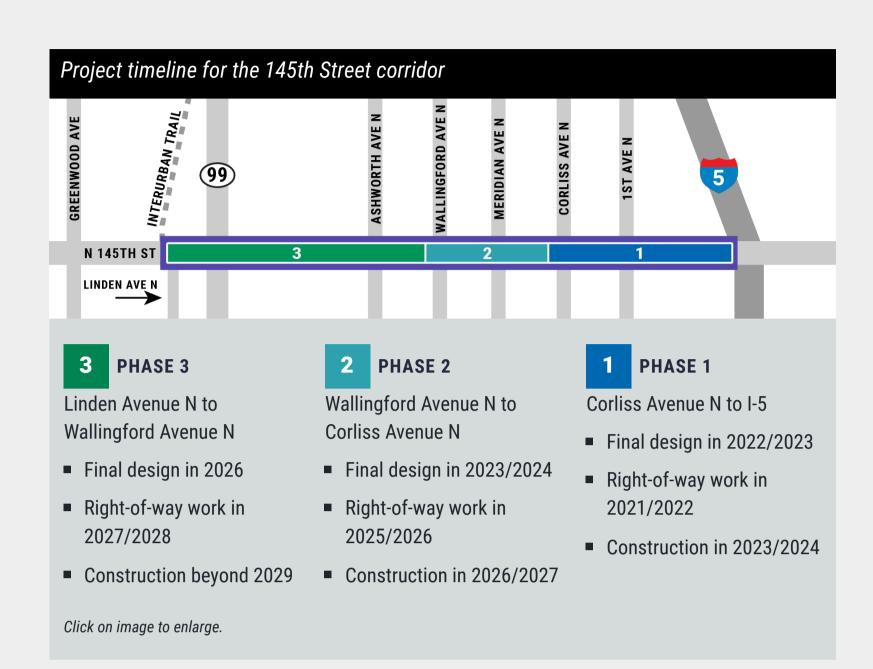
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Virtual Open House: June 1-15, 2022

145th Street Corridor Project

The 145th Street Corridor is a major eastwest route for northwest King County, connecting south Shoreline and north Seattle neighborhoods with businesses, parks, and services. In 2024, Shoreline residents will welcome Sound Transit Link light rail and the new Shoreline South/148th Street station to the neighborhood. Residents and regional travelers need safe, efficient, and reliable ways to access these transit facilities.

The 145th Street Corridor Project will address these needs by improving intersection safety and pedestrian and bicycle access along the corridor from Linden Avenue N/Interurban Trail to I-5.



Project Phasing

Construction of the 145th Street Corridor Project (Linden Avenue N/Interurban Trail to I-5) will occur in three phases. The City completed preliminary designs for the entire corridor in May 2021, and is currently finalizing design and planning for construction of Phase 1 in 2023. Construction for Phase 2 and Phase 3 will begin when funding is secured. The City anticipates construction of Phase 2 in 2026/2027, and construction of Phase 3 beyond 2029.

- + Phase 1: Corliss Avenue N to the I-5 Interchange
- + Phase 2: Wallingford Avenue N to Corliss Avenue N
- + Phase 3: Linden Avenue N/Interurban Trail to Wallingford Avenue N

Funding

The design and environmental work for all three phases of the 145th Street Corridor Project is estimated to cost approximately \$8.44 million, funded through a combination of federal and state grants and local funding. Overall costs from design through construction are currently estimated at \$67.8 million. The City has secured all funding for the Phase 1 segment from Corliss Avenue N to I-5 and continues to seek additional project funding for the construction of Phases 2 and 3.

PROJECT FUNDING				
PHASE	DESIGN COST*	RIGHT-OF-WAY COST*	CONSTRUCTION COST*	TOTAL COST
PHASE 1	\$3.56 million	\$14.3 million	\$12.1 million	\$30 million
PHASE 2	\$2.49 million	\$6.23 million (unsecured)**	\$12.89 million (partially secured)***	\$21.6 million
PHASE 3	\$2.39 million	\$7.08 million (unsecured)**	\$8.02 million (partially secured)***	\$17.49 million

- * All costs are anticipated and subject to change.
- ** Unsecured means project funds are not yet identified, but they may come from either local, state, or federal sources.
- *** Partially secured means some project funds are already dedicated to the project in either the local, state, or federal budget, while some funds are not yet identified.



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CORRIDOR OVERVIEW 145TH STREET CORRIDOR

145TH STREET & I-5 INTERCHANGE PROJECT Virtual Open House: June 1-15, 2022

CONSTRUCTION ROUNDABOUTS & NEXT STEPS

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2021/2022

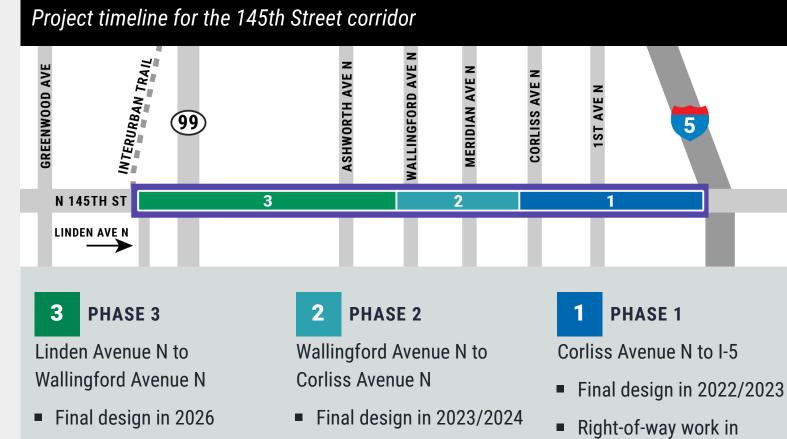
Construction in 2023/2024

145th Street Corridor Project

west route for northwest King County, connecting south Shoreline and north Seattle neighborhoods with businesses, parks, and services. In 2024, Shoreline residents will welcome Sound Transit Link light rail and the new Shoreline South/148th Street station to the neighborhood. Residents and regional travelers need safe, efficient, and reliable ways to access these transit facilities. The 145th Street Corridor Project will

The 145th Street Corridor is a major east-

address these needs by improving intersection safety and pedestrian and bicycle access along the corridor from Linden Avenue N/Interurban Trail to I-5.



■ Final design in 2026

- Right-of-way work in Right-of-way work in 2027/2028 2025/2026
- Construction beyond 2029 ■ Construction in 2026/2027 Click on image to enlarge.

Construction of the 145th Street Corridor Project (Linden Avenue N/Interurban Trail to

corridor in May 2021, and is currently finalizing design and planning for construction of

I-5) will occur in three phases. The City completed preliminary designs for the entire

Project Phasing

Phase 1 in 2023. Construction for Phase 2 and Phase 3 will begin when funding is secured. The City anticipates construction of Phase 2 in 2026/2027, and construction of Phase 3 beyond 2029. Phase 1: Corliss Avenue N to the I-5 Interchange Phase 1 design is focused on SHORELINE NE 16th Court

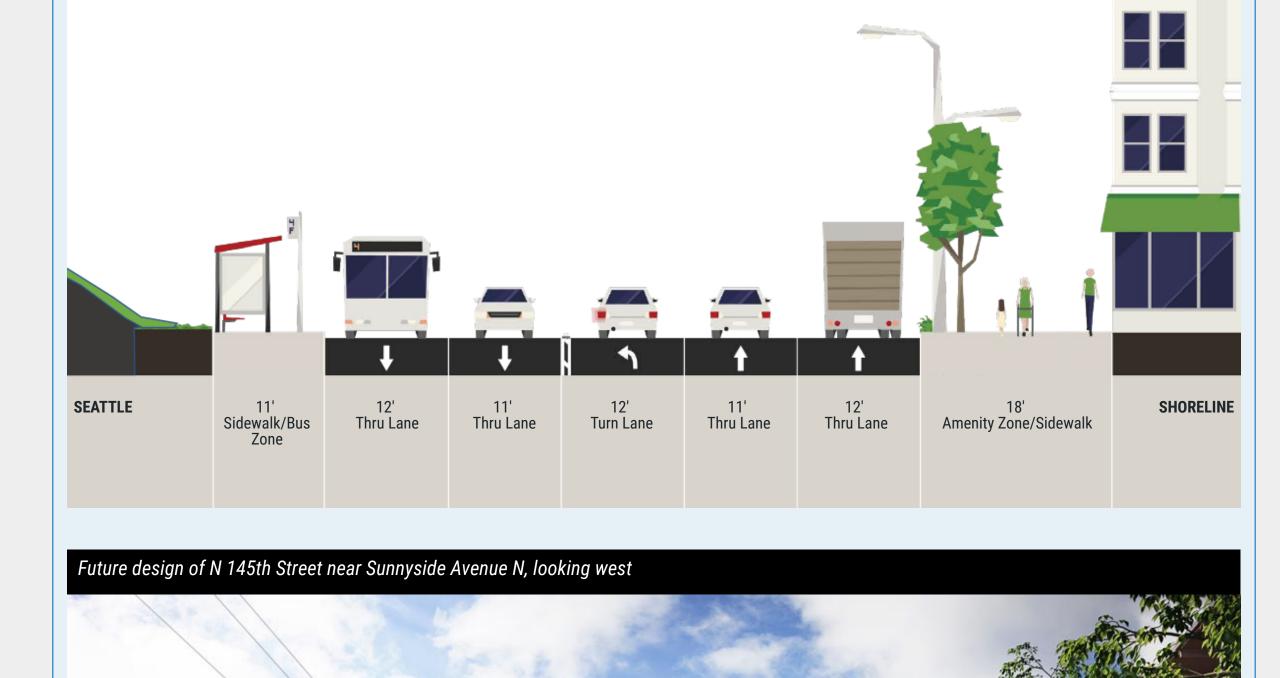
improving intersection safety and flow to reduce delays in traffic and create

better access for people walking along the corridor and accessing the future light rail station at 148th Street and I-5. Project elements include: Signalized intersection

improvements, additional left-turn

- lanes, and signal timing adjustments. New pedestrian signal/bicycle crossing at Corliss Avenue N with right-in/right-out traffic revisions to
- improve safety. Improved sidewalks and crosswalks, pedestrian countdown
- signals, and accessible curb ramps. Future design of N 145th Street near 1st Avenue NE, looking west









N 145th Street

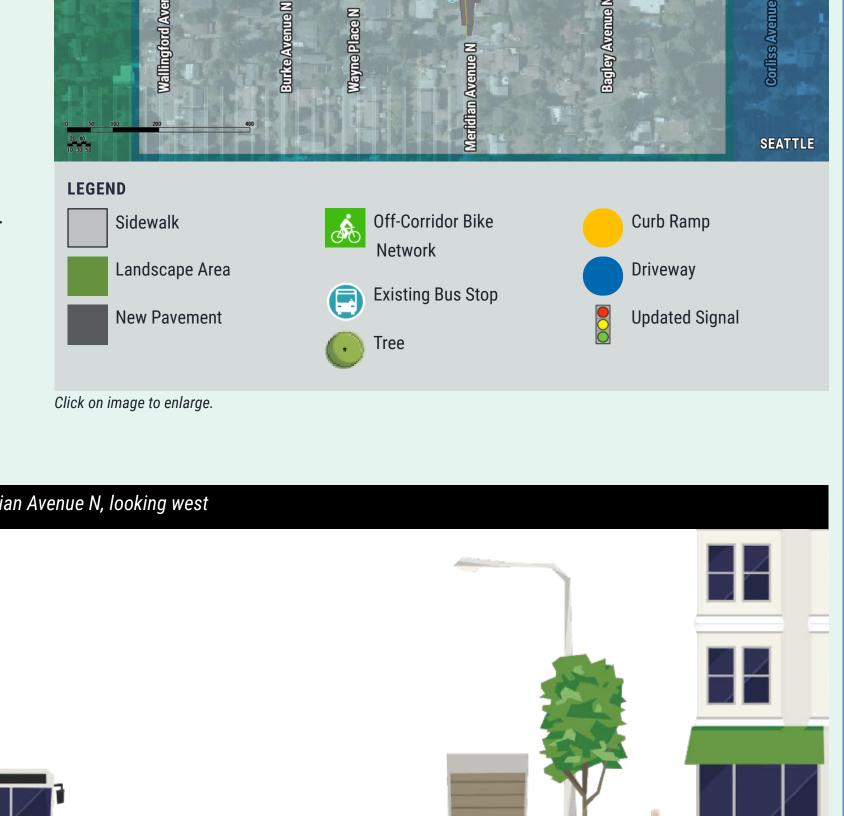
Signalized intersection improvements, additional left-turn lanes, and signal timing

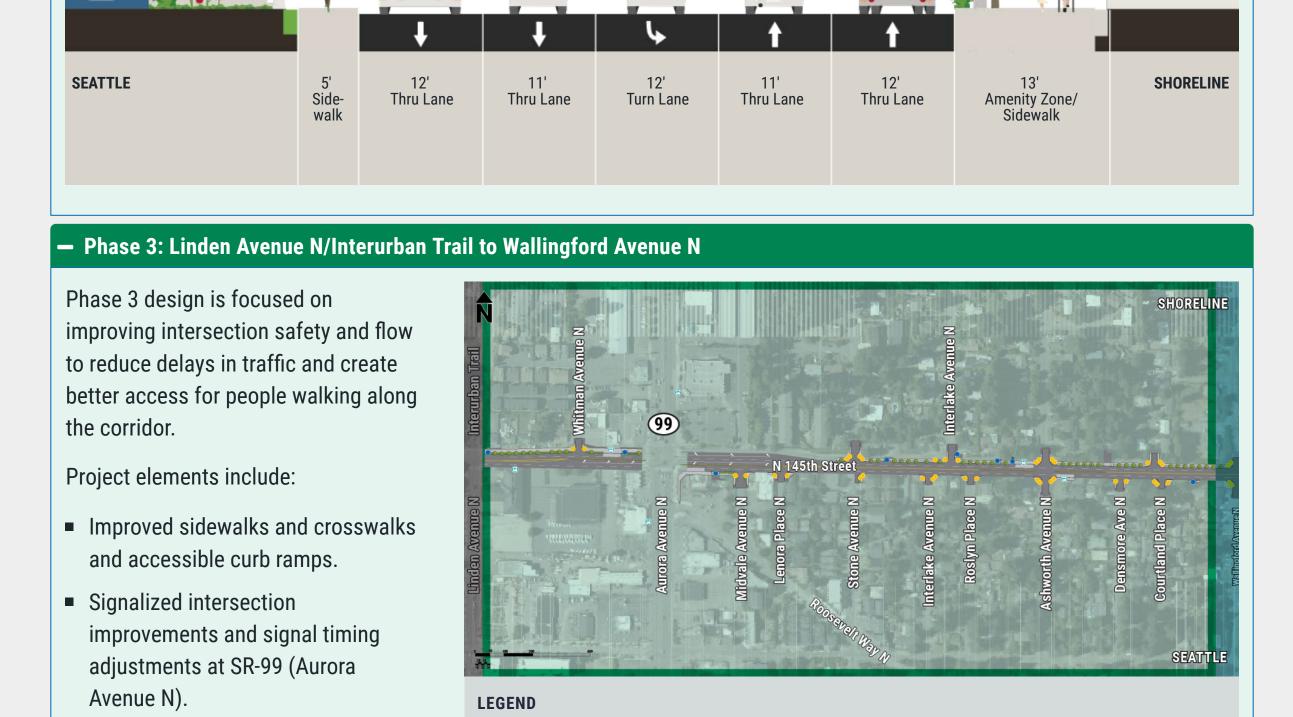
adjustments. Improved sidewalks and crosswalks, pedestrian countdown signals, and accessible curb ramps.

the corridor.

Project elements include:

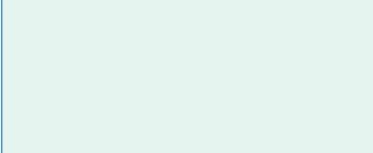
Future design of N 145th Street near Meridian Avenue N, looking west





Sidewalk

Landscape Area



SEATTLE

9' Side-walk



Off-Corridor Bike

Network

Curb Ramp

Driveway



PROJECT FUNDING

DESIGN COST*

\$3.56 million

PHASE

PHASE 1

The design and environmental work for all three phases of the 145th Street Corridor Project is estimated to cost approximately \$8.44 million, funded through a combination of federal and state grants and local funding. Overall costs from design through construction are currently estimated at \$67.8 million. The City has secured all funding for the Phase 1 segment from Corliss Avenue N to I-5 and continues to seek additional project funding for the construction of Phases 2 and 3.

Funding

PHASE 2	\$2.49 million	\$6.23 million (unsecured)**	\$12.89 million (partially secured)***	\$21.6 million
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RIGHT-OF-WAY COST*

\$14.3 million

TOTAL COST

\$30 million

CONSTRUCTION COST*

\$12.1 million

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Rob McGaughey, P.E., City of Shoreline Senior Project Manager rmcgaughey@shorelinewa.gov | 425-214-8598

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CORRIDOR **OVERVIEW** 145TH STREET CORRIDOR

145TH STREET & I-5 INTERCHANGE

ROUNDABOUTS

CONSTRUCTION & NEXT STEPS

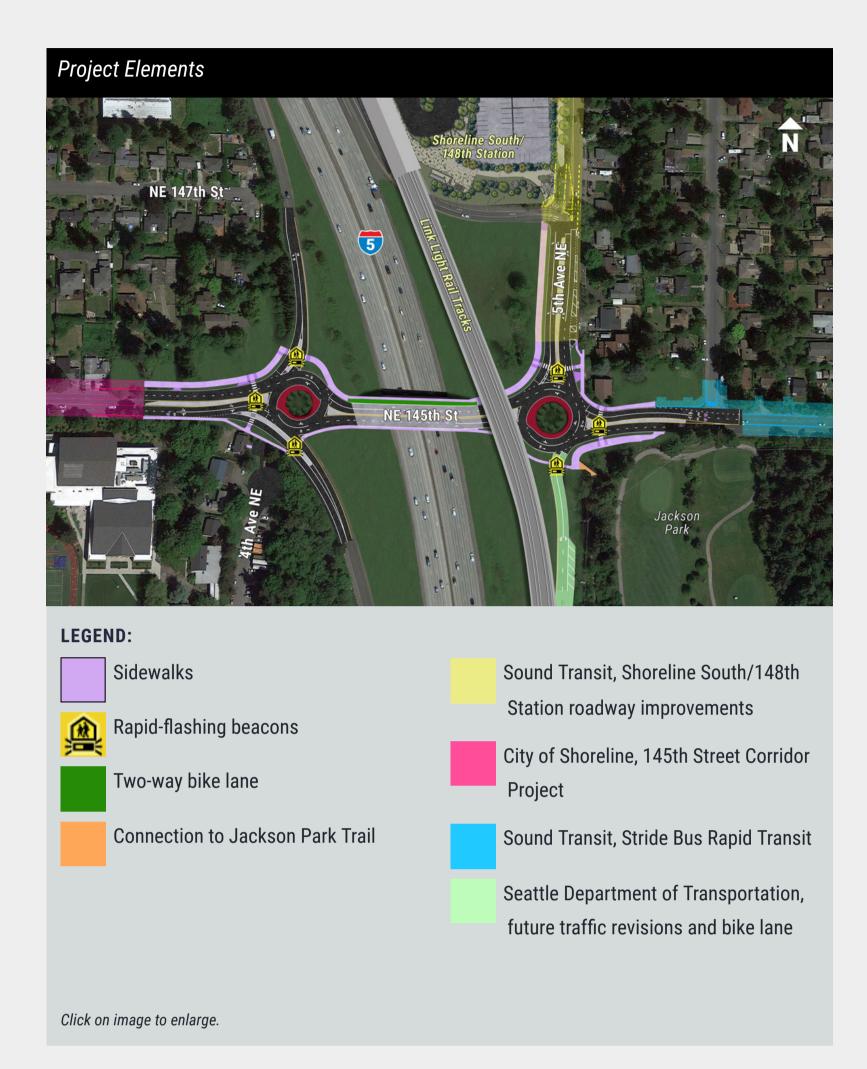
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Virtual Open House: June 1-15, 2022

145th Street & I-5 Interchange Project

The 145th Street & I-5 Interchange Project will improve safety and multimodal access along the 145th Street corridor and help connect to the future Sound Transit Shoreline South/148th Station, which is expected to open in 2024. The interchange improvements will alleviate traffic congestion and enhance transportation mobility, reliability, and safety for all users, including pedestrians, bicyclists, transit, and freight.

The existing bridge over I-5, which will connect the two roundabouts, will have accessible sidewalks on either side, allowing a seamless crossing for pedestrians. The pedestrian crossings will also include rapid flashing beacons to increase safety. People on bicycles will use crosswalks to navigate the roundabouts and a two-way protected bike lane, separated from motorized traffic, to safely cross the bridge.



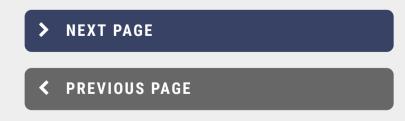
Interchange Fly Over

This video illustrates how all modes of travel will move through the roundabouts, including how drivers will travel through the roundabouts along with buses and trucks, and the routes pedestrians and bicyclists will use. The traffic shown in the video reflects the actual, projected traffic volumes at peak commuting hours, and how that volume of traffic will move through the proposed roundabouts. The visualizations presented in the video are conceptual only and do not represent all elements of the final design of the interchange improvements.



Project Funding

In November 2021, the State Transportation Improvement Board awarded the project a \$5 million grant, which provided the last amount needed to fully fund the \$30 million project.



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Roundabouts

Benefits of Roundabouts

The City of Shoreline's redesign of the 145th Street and I-5 interchange is based on data that shows the benefits of roundabouts for safety, traffic flow, efficiency, and cost. According to WSDOT traffic studies, roundabout intersections can provide lasting benefits in many ways, including:

- + Roundabouts reduce the rate and severity of collisions.
- + Roundabouts calm traffic.
- + Roundabouts are more efficient.
- + Roundabouts are cost-effective.
- + Roundabouts accommodate all sizes of vehicles.
- + Roundabouts are safer for pedestrians and bicyclists.

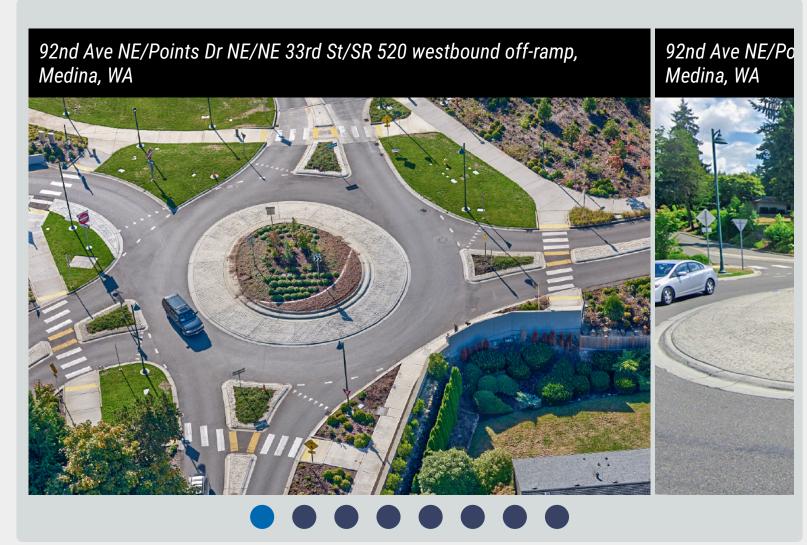
Click on the "+" symbols for more information.

HOW TO NAVIGATE MULTILANE ROUNDABOUTS

- Check the signs to choose the correct lane for your destination.
- Yield to traffic already in the roundabout (all lanes).
- Stay in your lane through the roundabout.
- Give buses and large vehicles space when approaching and traveling through the roundabout, as they may take more than one lane.
- Yield to people in crosswalks.

Roundabouts in Washington

Roundabouts are connected to many interstate on- and off-ramps in Washington. The 145th Street & I-5 Interchange Project roundabouts will be multi-lane and similar in appearance to the examples shown in this slideshow.



For more information, please visit the City of Shoreline's Roundabouts webpage.

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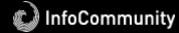








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- Roundabouts reduce the rate and severity of collisions.

Roundabouts reduce the likelihood of collisions by 37%, injury crashes by 75%, fatality collisions by 90%, and pedestrian-car collisions by 40%. Roundabouts also significantly reduce the likelihood of T-bone and head-on collisions.

Roundabouts calm traffic.

Roundabout speeds are usually about 20 mph. Drivers must slow down and yield before entering the roundabout and they are less likely to feel the need to speed up to try to "beat the light."

- Roundabouts are more efficient.

Roundabouts improve traffic flow and reduce waiting time. They facilitate a continuous flow of traffic and can accommodate higher traffic volumes with fewer lanes on the approaching streets.

Roundabouts are cost-effective.

Long-term costs for roundabouts are lower because traffic signal maintenance and electrical costs are not needed. Roundabouts are also more effective during power outages. The cost of building a roundabout is comparable to that of a signal-controlled intersection.

Roundabouts accommodate all sizes of vehicles.

Large trucks, buses, and oversize vehicles can straddle both lanes when driving in a roundabout. Most roundabouts have a truck apron, a raised section of pavement near the center of the roundabout that gives large vehicles extra room to navigate the roundabout.

Roundabouts are safer for pedestrians and bicyclists.

Crosswalks are set back from the intersection, allowing drivers more time to react to people walking. Roundabout islands also provide a safe place for people walking and biking to wait before crossing in another direction.

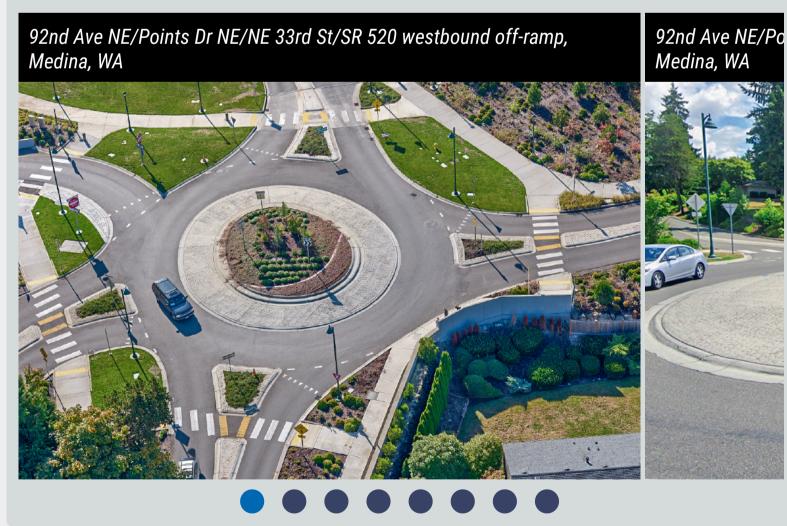
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I-5 INTERCHANGE

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Construction Information & Next Steps

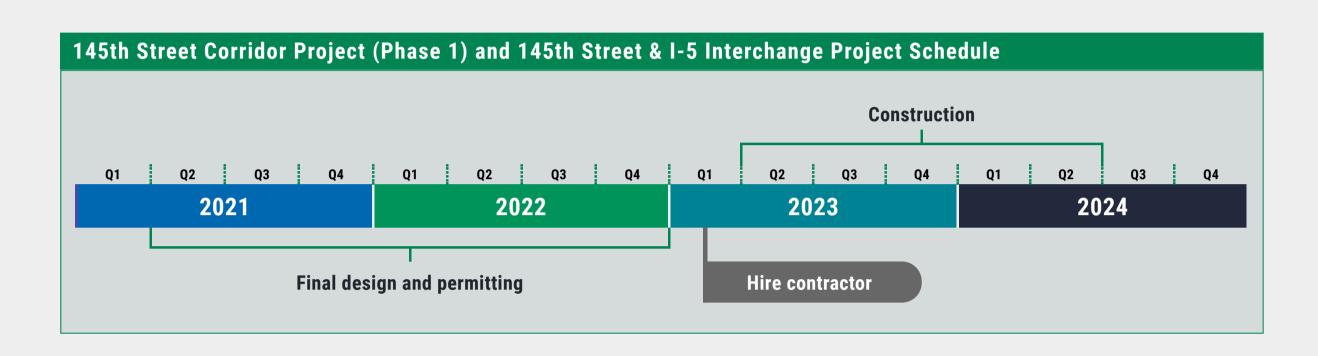
Construction of the 145th Street Corridor Project (Phase 1) and the 145th Street & I-5 Interchange Project will be combined to save time and money. This initial phase of construction will occur between Corliss Avenue N and 5th Avenue NE. Construction will start in spring 2023 and be completed in summer 2024.

Construction is expected to significantly impact traffic along 145th Street. To complete the necessary work, 145th Street will be reduced to one lane in each direction. Taking an alternate route to your destination is encouraged to avoid congestion and delays, especially during peak commuting hours.

The City of Shoreline will share more details about construction later this year and in early 2023.

What to expect during construction:

- One lane of traffic in each direction on 145th Street.
- Traffic will be able to turn off and onto 145th Street.
- Access will be maintained for school bus and freight routes.
- A pedestrian/bicycle path will be provided through the construction site.



This video illustrates how construction will be phased over approximately 16 months (spring 2023 to summer 2024). In general, crews will work from west to east along 145th Street between Corliss Avenue N and 5th Avenue NE.

145TH STREET (SR 523) AND I-5 INTERCHANGE **CONSTRUCTION STAGING PLAN** LECEND 523 and I-5 Interchange Construction Staging Plan PEDESTR'AN ROUTE WEEKEND CLOSURE (10PM FRI TO 5AM MON) Move traffic back to south lanes of 145th Phase 2: South Half of 145th Street West of I-5 July 2023 - September 2023 Open temporary traffic detour lanes on the north side of 145th St Site preparation and demolition Relocate SCL 12.4 kV feeder line east and west side of interchange . Earthwork to construct the south side of 145th St. and 4th Ave 5. Relocate SPU sanitary sewer6. Relocate buried communication lines 7. Construct retaining wall Watch on ∞ ► YouTube and 4th Ave.

Future Construction

The City is seeking additional funding to complete Phases 2 and 3 of the 145th Street Corridor Project. Construction of future phases will occur once funding is secured. The City anticipates Phase 2 will be constructed in 2026 and 2027, and Phase 3 will be constructed beyond 2029.

DESTINATION 2024 PROJECTS

The 145th Street Projects are two of the Destination 2024 projects led by the City of Shoreline.

In preparation for two new Sound Transit Link light rail stations in Shoreline, the City has been planning for changes that will come with these new facilities. The City Council has increased zoning densities around the two future stations (Shoreline South/145th and Shoreline North/185th) so that new housing and development can be focused around transit. To support future development, the City is also planning for additional transportation improvements to help get people to light rail and around the station areas.

To learn more about the other projects listed below, visit the **Destination 2024 website** and check out our new interactive map.

- N 148th Non-Motorized Bridge
- 1st Avenue NE Sidewalks (145th to 155th Streets)
- 5th Avenue Rechannelization
- Off-Corridor Bike Network
- SR 522/523 BRT Project (Bothell/Lake City Way and 145th Street **Bus Rapid Transit)**
- Trail Along the Rail

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145TH STREET & I-5 INTERCHANGE

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Share Comments

Share your comments here.	What is your ZIP code?
	98103
	98125
	98133
	98155
	98160
	98177
	Other WRITE IN:
	SUBMIT

The City of Shoreline tracks additional demographic information that is important for project planning and funding. If you would like to share additional information about yourself, please fill out the community survey at the link provided.

Community Outreach Survey (Optional)

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社區外展服務調查(可選)

커뮤니티 소통 설문 조사(선택 사항)

Encuesta de divulgación comunitaria (opcional)

Survey sa Paglilingkod sa Komunidad (Opsiyonal)

ንዝያዳ ኮማዊ ግምገማ(ብምርጫ)

Khảo Sát Tiếp Cận Cộng Đồng (Không bắt bùc)

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