

N 148th Street Non-Motorized Bridge

A ped/bike bridge connecting people to neighborhoods and regional transit

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Project Overview

The City of Shoreline is growing and changing. With the arrival of Sound Transit light rail, the new Shoreline South/148th Station for light rail and bus transit, and accompanying development, residents will need new ways to connect to these growing services and facilities and to an expanding pedestrian and bike network. The N 148th Street Non-Motorized Bridge will be in the heart of a new affordable transit- and pedestrian-oriented neighborhood, an area that is currently divided by I-5. The project consists of three elements: the East Bridge Landing, the Bridge Span over I-5 and the West Trail Connection. The City of Shoreline is seeking a funding partnership with the State of Washington in the amount of \$19.9 million.



Shoreline, WSDOT and Sound Transit staff have worked to ensure that the N 148th Street Non-Motorized Bridge will be able to span I-5 and pass under the light rail line to connect thousands of households to the regional transit system.

The bridge will provide a vital new connection over I-5, improve safety, reduce travel times, and improve access to regional transit at the future Shoreline South/148th Station. Stretching across I-5 at N 148th Street, it will be wide enough to accommodate pedestrians and bicyclists. This bridge represents a sustainable, cost-effective transportation investment that will bring thousands of households within walking distance of central Puget Sound's regional

transit system, supporting the region's multibillion-dollar investment.

The bridge location lies in the center of an area in transition. Historically zoned for single-family residences, the neighborhood was rezoned in 2016 to foster development of a high-density residential community. The rezone includes mandatory provisions for affordable housing, including 20% of units in multifamily apartment buildings.

Projected Project Costs

The project has reached 60% design, a milestone that establishes project cost with a high degree of confidence. The total projected cost is approximately \$31 million. Through local resources and partnerships with King County and Sound Transit, the project has enough funding to complete design and construct the critical first phase: the East Bridge Landing. Because of its proximity to the new light rail station, the East Bridge Landing will be constructed before the station is operational. This will avoid the complex and more expensive construction that would be required if the station were already open.

The current goal is to complete the East Bridge Landing in mid-2023, and the West Trail Connection and Bridge by 2025, pending full funding. At present, there is a \$19.9 million funding gap, which must be closed in order to proceed most efficiently and cost-effectively. The City of Shoreline is seeking a near-term state partnership in the project to tackle this gap.

Otherwise, the project may need to pause and/or proceed in phases. Phasing the remaining project elements will require up to \$2.6 million in additional construction mobilization costs. If the work takes place after WSDOT daylights adjacent Thornton Creek, it could cost an additional \$5.5 million to establish the construction staging area and protect the newly restored creek.

The City of Shoreline has made tremendous progress in realizing the vision of this vital neighborhood connection, securing approximately one-third of the funding with appropriations from the City, the federal government, King County and Sound Transit. Full state funding support would save up to \$8.1 million and ensure that the bridge is in place when light rail service begins in 2024.



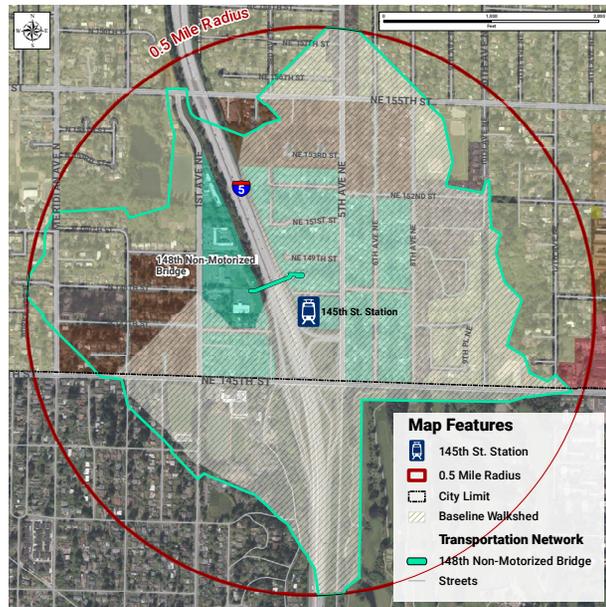
A view of the light rail tracks, bridge, and East Bridge Landing looking west across I-5.

PROJECTED PROJECT COSTS AND FUNDING NEEDS			
PROJECT ELEMENT	FUNDED	FUNDING NEEDED	TOTAL PROJECT COSTS
East Bridge Landing			
▶ Design and construction	\$11.1 million		
West Trail Connection and Bridge			
▶ Right-of-way		\$19.9 million (Legislative request)	
▶ West Trail construction			
▶ Bridge installation			\$31 million
POTENTIAL PHASING SHIFTS IF FUNDING IS DELAYED			TOTAL POTENTIAL ADDITIONAL COSTS
Bridge is built after the West Trail Connection in a separate phase		\$2.6 million	
West Trail Connection and Bridge are built after WSDOT daylights Thornton Creek		Additional \$5.5 million	\$8.1 million

Project Benefits

PROVIDES EQUITABLE ACCESS TO REGIONAL TRANSIT

The new station-area community that will take root under Shoreline’s high-density land use guidelines is projected to create, over time, more than 13,000 housing units for over 32,000 residents, along with more than 11,000 jobs.



The N 148th Street Non-Motorized Bridge will bring approximately 70 acres of upzoned land into the walkshed, which translates into improved transit access for thousands of additional households, including hundreds of affordable units.

Construction of the bridge will put thousands of these new residences, hundreds of them affordable housing units, within the walkshed of regional transit at the future Shoreline South/148th Station. For this project, the walkshed is defined as a half-mile walking distance in all directions from the light rail station.

OFFERS OPPORTUNITY FOR EQUITY IN HOUSING

This investment will serve new residential developments with affordable housing units. Shoreline’s mandatory inclusionary guidelines require that 20% of all new rental units within this neighborhood be affordable to households earning 70% of the Area Median Income. These requirements further the City’s commitment to equity, diversity, and inclusive communities.

HELPS ADDRESS CLIMATE CHANGE

Mass transit and, indirectly, the transit-oriented development that grows around it, help reduce the greenhouse gas emissions that fuel climate change. The City of

Shoreline places a high priority on tackling this issue and has worked to fully leverage the benefits of the regional light rail system by creating a new high-density, transit-oriented neighborhood. The bridge is part of a long-term, sustainable response to climate change.

DELIVERS A STRONG RETURN ON INVESTMENT

Station access studies suggest that hundreds of transit riders daily will walk or bike to the light rail station. As development increases, those numbers can be expected to rise. For an investment of \$31 million, the N 148th Street Non-Motorized Bridge will bring thousands of new residences within a half-mile of a regional transit system. Countless others will be served through improved bicycle and pedestrian connections from Puget Sound to Lake Washington. As a project that will improve transit access for thousands of households in a newly walkable neighborhood, investment in the bridge compares favorably to other access investments.

Contact Information

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FOR ADDITIONAL PROJECT INFORMATION, VISIT

shorelinewa.gov/148thbridge

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如果您想與 City of Shoreline 進行交流或檢視以另一種語言提供的文件，請將您的請求連同您的聯絡資訊發送到 clk@shorelinewa.gov 或請致電 206-801-2700。

City of Shoreline에 연락하고 싶거나 다른 언어로 된 문서를 검토하려면 연락처 정보와 함께 요청서를 clk@shorelinewa.gov 로 제출하거나 206-801-2700번으로 전화해 주십시오.

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