



MEMORANDUM

To: Transportation Commission

From: Kim Scrivner, Transportation Planner
Joel Pfundt, Transportation Manager

Date: April 23, 2021

Subject: NE 128th STREET MULTIMODAL CORRIDOR STUDY

Staff Recommendation:

It is recommended that the Transportation Commission receive a briefing and provide input on the NE 128th Street Multimodal Corridor Study.

Background:

The Totem Lake area has been experiencing significant growth over the past several years with new urban high-density development. NE 128th Street is a key multimodal corridor that connects the Kingsgate Park and Ride, 1-405 direct access ramps and flyer bus stops, Totem Lake Transit Center, and EvergreenHealth Medical Center.

The planned Sound Transit Stride Bus Rapid Transit is anticipated to arrive in 2027, increasing the demand for the 1-405 in-line freeway station. The stated goal of this project is to create an attractive, multimodal and transit-oriented corridor that allows NE 128th Street to facilitate needed transit connections and vehicle circulation and be an appealing and safe place for people walking, bicycling and taking transit through this highly dense neighborhood.

The NE 128th Street corridor was one of the key corridors studied in the 2018 [Totem Lake Enhancement and Multimodal Transportation Plan](#) and funding to perform the NE 128th Street Multimodal Corridor Study was one of the outcomes of the 2019 [EvergreenHealth / Totem Lake Traffic Study](#). Also, the long-term success of the corridor for transit is central to the implementation of "Project 4: Totem Lake Transit Center Bus Stop Consolidation" in the 2019 [Kirkland Transit Implementation Plan](#). And finally, the portion of the NE 128th Street Corridor over I-405 is designated as part of the Totem Lake Circulator, which is designated in Goal TL-23 in the Totem Lake Business District chapter of the Kirkland Comprehensive Plan.

Study Area:

This study will focus on how best to improve the multimodal transportation environment on NE 128th Street and throughout the study area. The study area is in the north end of the Business District Core of the Totem Lake Urban Center and includes a primary study area, secondary study areas, and

potential future street extensions.

Primary Study Area: NE 128th Street between 116th Avenue NE and 120th Avenue NE

Secondary Study Areas:

- NE 128th Street between 120th Avenue NE and 124th Avenue NE
- NE 130th Lane between 120th Avenue NE and 124th Avenue NE
- 120th Avenue NE between NE 132nd Street and NE 128th Street
- 124th Avenue NE between NE 132nd Street and NE 128th Street

Potential Street Extensions:

- NE 130th Place between Totem Lake Boulevard and 120th Avenue NE
- 118th Avenue NE between NE 132nd Street and NE 128th Street
- 121st Avenue NE between NE 132nd Street and NE 130th Lane



Scope of Work:

As stated, the goal of this project is to create an attractive, multimodal corridor that allows NE 128th Street to better facilitate transit connections and be an appealing and safe place for people walking, bicycling and taking transit through the neighborhood.

This study will:

- Review previous planning and transportation studies for the area.
- Evaluate existing and future transportation conditions.
- Conduct a public involvement process.
- Develop multimodal mobility and safety improvement projects.

Potential Multimodal Improvements:

- Enhanced street crossings and multimodal safety improvements.
- Enhanced sidewalks and bike lane connections to future Stride Bus Rapid Transit Station.
- New bike facilities along Secondary Study Areas and both pedestrian and bicycle facilities along Potential Street Extensions.
- Improved vehicle circulation and signal timing improvements including the evaluation of allowing westbound left turns at the NE 128th Street and Totem Lake Blvd intersection.

Schedule (2021):

- February – April: Review existing planning documents, analyze existing conditions and model existing and future traffic operations.
- April – October: Public involvement with community and stakeholders (adjacent neighborhood associations, EvergreenHealth and the business community in Totem Lake); engagement with other partners (WSDOT, Sound Transit, King County Metro). Develop potential improvement alternatives.
- June – November: Analyze potential improvement projects and create graphics and preliminary designs for recommendations.
- September – December: Develop cost estimates for primary study area recommended improvements, develop draft and final report for Council review.