NE 128th Street Multimodal Corridor Study Draft Recommended Improvements

Transportation Commission

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Project Study Areas



Previous Plans and Studies

- Kirkland Transit Implementation Plan (2019)
- Evergreen Health/Totem Lake Traffic Study (2019)
- Totem Lake Urban Center Enhancement & Multimodal Transportation Network Plan (2018)
- Totem Lake Business District Plan (Updated 2015)
- Stride Bus Rapid Transit (BRT) plans and designs
- RapidRide K Line preliminary design
- Private development plans and designs

Scope of Work Summary

- Conduct a public and stakeholder outreach process to share information and receive feedback.
- Develop mobility and safety improvements for all travel modes.
- Develop cross sections for three potential street extensions.
- Develop Urban Design Guidelines for streets.



Public Outreach Efforts to Date

- Project Webpage
- Public Outreach Meetings
 - WSDOT (bi-weekly meetings)
 - Juanita Neighborhood Association
 - Evergreen Hill Neighborhood Association
 - Transportation Commission
 - EvergreenHealth Medical Center
 - Public open house (6/23/2021)
 - King County Metro and Sound Transit



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NE 128th Street Corridor Study

The Totem Lake area has experienced 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, I-405 direct access ramps and flyer bus stops, Totem Lake Transit Center, and EvergreenHealth Medical Center.

The planned Stride Bus Rapid Transit is scheduled to begin service in 2025, providing frequent transit service along the I-405 corridor and increasing the demand for the I-405 flyer bus stops. The stated goal of this project is to create an attractive multimodal environment on NE 128th Street and the other study corridors to facilitate needed transit connections and be an appealing and safe place for people walking, bicycling and taking transit through this dense multi-use neighborhood.

Study Areas:

This study will focus on how best to improve the multimodal environment on NE 128th Street and throughout the study area. The study areas are in the port had of the Rusiness District Core of the Total Label Libra Contro



An online community meeting was held on June 23, 2021.
Please click on the link below to watch the video.

NE 128th Street
Corridor Study
Presentation Video

Submit questions/comments) about the project

Planned WSDOT and Sound Transit Projects



Key Findings: NE 128th Street

- Need to maintain 4-lanes on NE 128th St between Totem Lake Blvd and 120th Ave NE to maintain I-405 interchange operations and accommodate high volume of buses.
- Provide enhanced bus stops on NE 128th St to potentially reduce bus routes using Totem Lake Transit Center – improves bus travel times and intersection operations.
- Identified several multimodal safety and mobility improvements.
- Not recommending addition of westbound left turn at NE 128th Street and Totem Lake Blvd intersection.

Westbound Left at NE 128th St & Totem Lake Blvd

- Limited space at northeast corner of intersection and widening for left turn lane would impact property and result in reduced non-motorized facilities.
- Addition of westbound left turn movement would negatively impact traffic operations at intersection and interchange.







Planned Alternatives to Westbound Left Turn

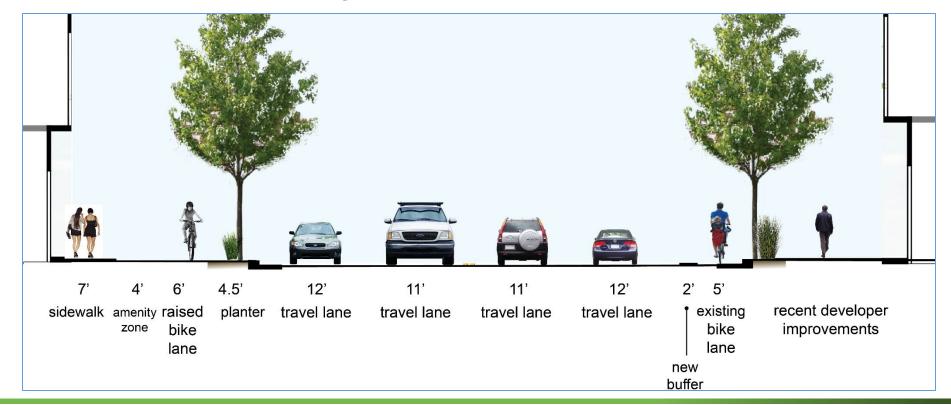
- Future NE 132nd Street and I-405 interchange will provide new connection to I-405 and reduce demand for westbound left turn (opens in 2023).
- Future NE 130th Place street extension will provide alternative route for westbound left turns to southbound Totem Lake Blvd.



NE 128th St between Totem Lake Blvd and 120th Ave NE

<u>Planned Improvements:</u>

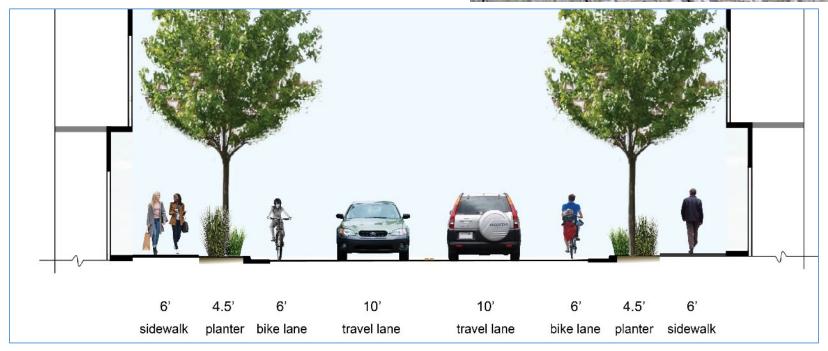
- Implement two enhanced bus stops.
- Install 6' raised bike lanes on the north side of street.
- Add 2' buffer to existing bike lane on south side of street.



Planned Street Extensions

- NE 130th PI between Totem Lake Blvd and 120th Ave NE
- 121st Ave NE between NE 132nd St and NE 130th St

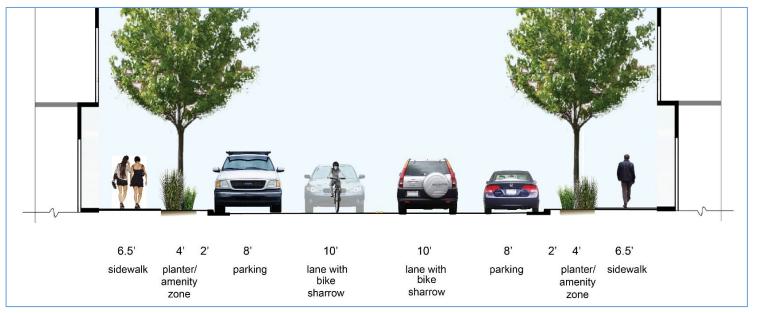




Planned Street Extensions

118th Ave NE (south half) between NE 130th Pl and NE 128th St



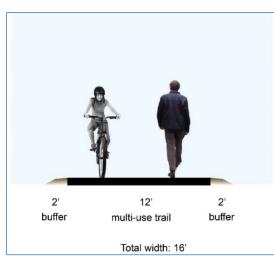


Planned Connection

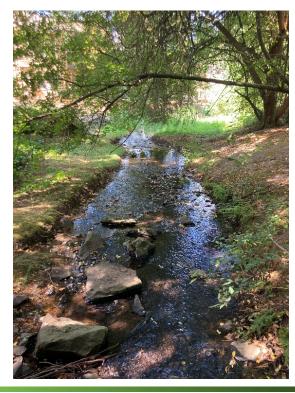
118th Ave NE (north half) between NE 132nd St and NE 130th Pl

- 12' wide shared-use path that provides north-south non-motorized connection.
- Constructing a street would have limited benefits
 to the vehicle network and large impacts to Juanita
 Creek and high cost of construction due to steep
 grade.

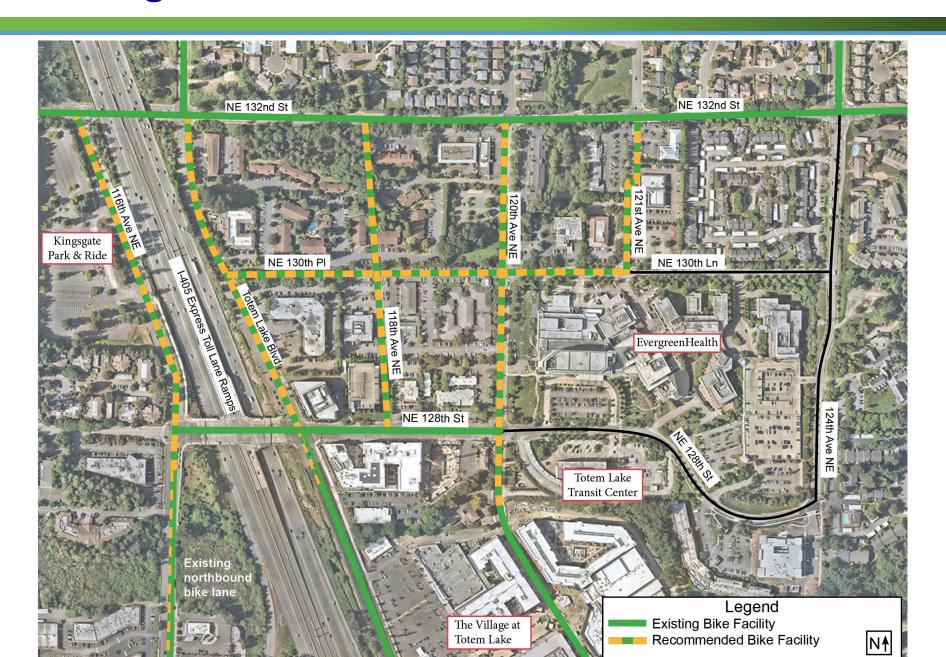








Existing and Recommended Bike Facilities



Next Steps and Schedule

- Stakeholder Meetings: October November 15
- Second Public Open House: November 9
- Complete analysis and preliminary design: Oct./Nov.
- Complete Report: December

Discussion and Questions