

PUGET SOUND REGIONAL COUNCIL PRIORITY PROJECT LIST

NARRATIVE PROJECT INFORMATION - October 2011

Due to Peter Heffernan (peter.heffernan@kingcounty.gov) no later than close of business Wednesday October 12.

Project Sponsor: City of Shoreline

Project Name: N/NE 175th Street Corridor

Project Location: N/NE 175th Street Corridor, 15th Avenue NE to Stone Avenue N

What type of project is it: Support Centers ____ Corridors Serving Centers **X**

Plan Consistency:

- Transportation 2040 project number: 1028
- Is the project consistent with the Transportation 2040: Yes **X** No ____

Project Description - No more than two full pages - (see evaluation criteria for information to include):

- What is the intended outcome & benefit

This project will design and construct improvements on N/NE 175th Street between Stone Avenue N and 15th Avenue NE within the City of Shoreline, which will tie in with the improvements on N 175th Street recently constructed by the Aurora project. The improvements include reconstruction of the existing street to provide the following:

- Two traffic lanes in each direction
- A center lane with two-way left-turn areas, medians and turn pockets
- Intersection improvements
- Lowering the profile of the roadway between Ashworth Avenue N and Stone Avenue N to meet sight distance requirements
- Curb, gutter and sidewalks with vegetated amenity zones. Sidewalks will be wide enough to include integrated bicycle lanes
- Illumination
- Landscaping
- Retaining walls

This project includes improvements to the I-5 intersections, in coordination with WSDOT.

Intersection improvements are designed to improve safety and accommodate future traffic growth. They include the addition of through and turn lanes, extension of turn pockets, optimizing signals and rechannelization.

N/NE 175th Street is the primary travel route between the two City defined centers of North City and the Shoreline Town Center. Through adoption of the North City and Town Center Subarea Plan, both of these areas have been identified as areas for residential and commercial growth in Shoreline. It is also one of the primary travel routes from I-5 to the west and east neighborhoods in Shoreline. Destinations including City Hall, a post office, library, park and elementary school are located along this corridor. This is a designated freight corridor.

The project has multiple outcomes and provides benefits to all users. N/NE 175th Street is one of three streets in Shoreline that serve Interstate 5. It has some of the highest traffic volumes (ADT 30,000) in the City, especially between Aurora Avenue N and I-5. The intersections at Meridian Avenue N, 5th Avenue NE, 8th Avenue NE, 10th Avenue NE are considered high accident locations in Shoreline, as are the segments from Corliss Avenue N to I-5, 12th Avenue NE to 15th Avenue NE and 10th Avenue NE. Traffic on this roadway is expected to grow over the next twenty years, requiring widening of the road to provide needed capacity and acceptable levels of service for the intersections. Improved traffic flow will subsequently benefit freight traffic in this corridor.

Sidewalks along this roadway are incomplete and there are no bicycle facilities. The presence of I-5, high traffic volumes and limited non-motorized facilities make this an uninviting environment for cyclists and pedestrians. This corridor is included in the City's Bicycle and

Pedestrian Master Plans, with the expectation that the sidewalks and bicycle lanes will provide a strong east-west link through the City and connections to other north-south corridors as the systems are built out. This project would result in complete sidewalks along the length of the street. They would be wider than typical sidewalks, with integrated but separate bicycle paths. Transit service along this street and through the intersections will be faster and more reliable as a result of increased roadway and intersection capacity and improved signal operations. Complete sidewalks will provide safer access for pedestrians utilizing transit. A separate project to rebuild the interchange at I-5 would further enhance the area for nonmotorized travelers. This supplemental project would require coordination with the Washington State Department of Transportation (WSDOT).

Intersections in this corridor are heavily congested, particularly during the peak period. The most congested area is between Meridian Avenue N and I-5. This roadway segment experiences significant backups during the morning and afternoon peak periods as drivers queue to access I-5. Some of these backups are so long they extend into the intersection at Meridian Avenue N. The extension of turn pockets will help alleviate some of these backups. This change, along with the addition of an additional northbound through lane on Meridian Avenue N at N 175th Street will improve the performance of this intersection. Modifications of the on-ramp metering, in coordination with WSDOT, will also minimize these backups.

Project Status & Timeline

Where is the project at in development?

What is the timeline for this project from start to completion?

(Please identify the major phases)

The project has completed the planning stage; which has resulted in a preferred roadway cross-section.

Preliminary Engineering Complete	November 2013
PS & E Complete	May 2014
Construction Advertisement	June 2014
Construction Completion	December 2015

Additional Comments