



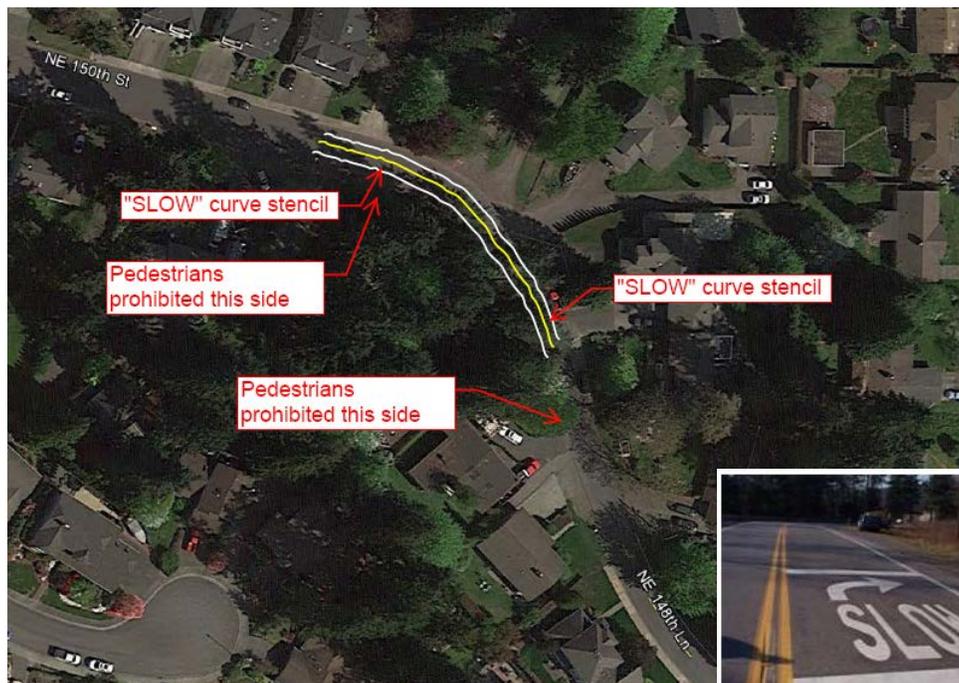
Neighborhood Transportation Plan Program

Project TS-01

Many of the neighborhood participants identified the corner of NE 150th Street and NE 148th Lane as a concern for vehicles and pedestrians. After a review of the existing conditions, including a field observation, the following improvements will be made;

1. Painting of 4" white fog lines on the outside of the 10' vehicle lanes
2. Painting of a double-yellow centerline between the 10' vehicle lanes
3. "SLOW" on road stencils, which include a curve arrow to notify drivers of the sharp curve
4. Signs prohibiting pedestrians on the south/west "inside" edge of the road

The striping will only be through the immediate area of the curve and is intended to help guide drivers to stay in their lane, and to prevent incursions into the shoulder/walkway area on the north/east side of the road. There are already signs posted with an advisory speed for drivers, and the on-road stencils will help to reinforce the message about the sharp curve. The inside edge of this curve has very little available space for pedestrians and has poor visibility for drivers approaching from the west. Because of this, pedestrians will be required to use the more visible "outside" shoulder of the curve.



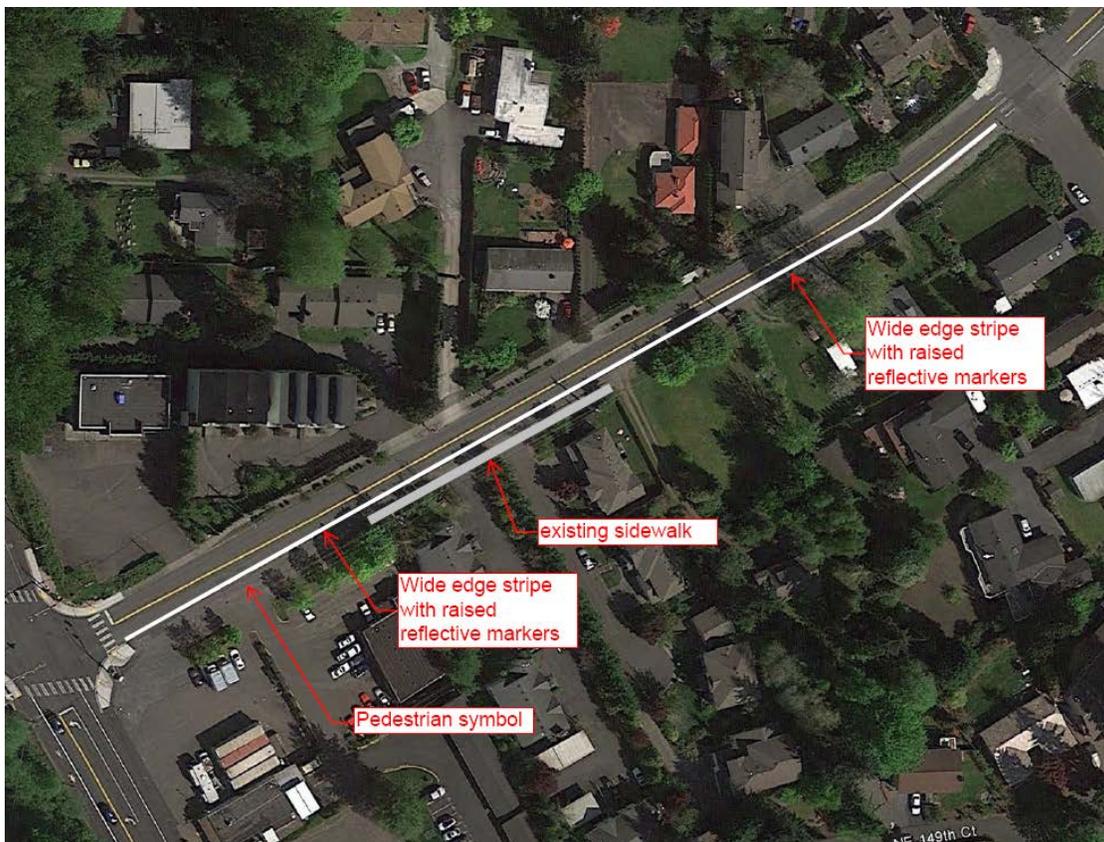


Neighborhood Transportation Plan Program

Project TS-03

NE 153rd Place between 70th Avenue and Juanita Drive has continuous sidewalks only on the north side. Children walking from the Teal South neighborhood use the south side of NE 153rd Place to access Arrowhead Elementary on the west side of Juanita Drive. To increase the visibility of this well-used walkway, a widened edge stripe and raised pavement markers will be installed continuous from Juanita Drive to the RRFB-enhanced crosswalk at 70th Avenue. A pedestrian symbol will be added to the wide shoulder near Juanita Drive.

These improvements are potentially a “temporary” measure, as the City is applying for 2016 grant funding under the Safe Routes to School program for this stretch of NE 153rd Place. If successful, the City would be able to use this grant funding to complete sidewalks on the south side of 153rd between Juanita Drive and 70th Avenue.





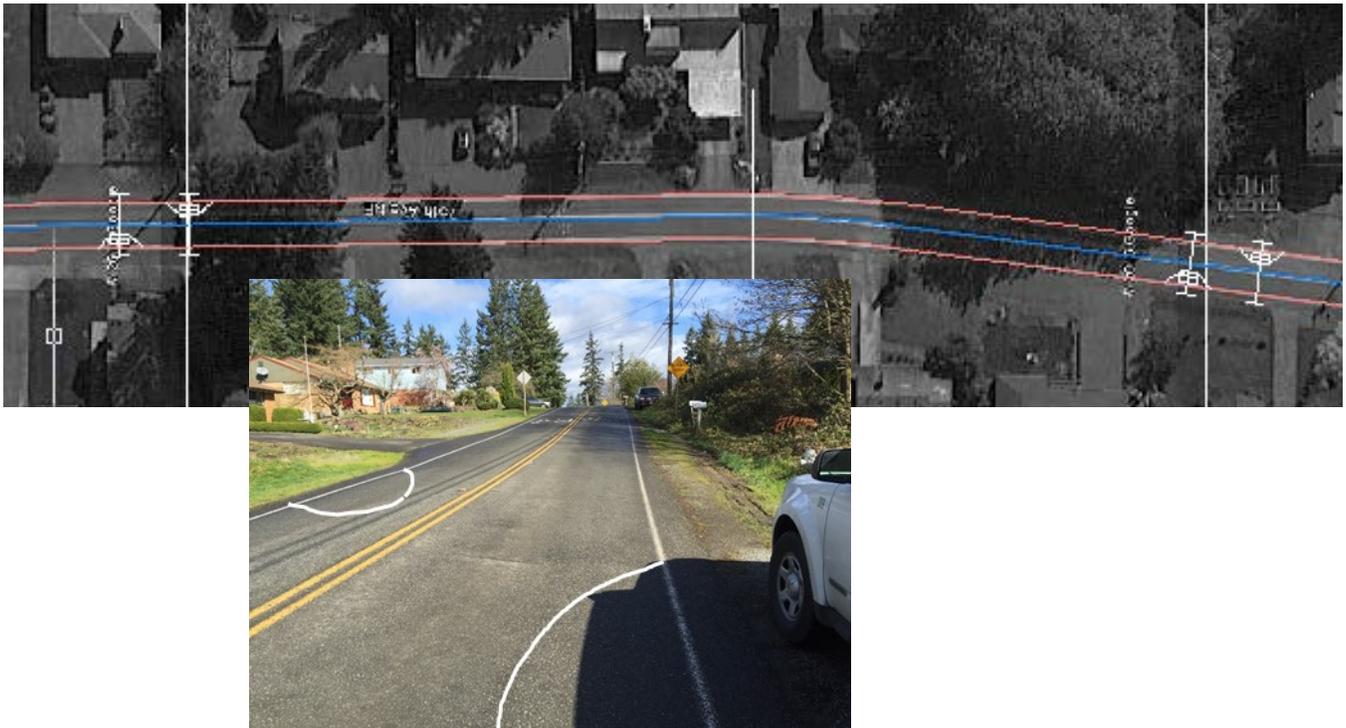
Neighborhood Transportation Plan Program

Project TS-04

One of the highest priorities for this neighborhood is vehicle speeds on 75th Avenue, especially at the crest of the hill, 600 feet north of the intersection with NE 148th Street. 75th Avenue, between NE 155th Street and NE 148th Street, currently has four “rumble strips” consisting of a number of raised pavement markers. This project would remove these markers and the signage that accompanies them. 75th Avenue also is striped with a double-yellow centerline in this stretch. Research has shown that full roadway striping on long, straight lengths of road can increase vehicle speeds. Because of the concerns with speeds, the centerline will be removed.

The primary method of addressing vehicle speeds will be the placement of two chicane pairs on 75th Avenue. A chicane is a method of creating an “S-curve” in the road which requires drivers to slow down, and yield to oncoming vehicles. Half of each lane is blocked in an offset pattern with a physical barrier. The remaining roadway width is sufficient for emergency access.

The chicanes will be constructed from extruded curbs, marked with raised pavement markers and placed under new LED lighting for visibility. The chicanes will be accompanied by signage to indicate to drivers the path to take through the chicanes.





Neighborhood Transportation Plan Program

Project TS-05

At the intersection of 72nd Avenue and NE 146th Street, per City code, the adjacent property owners will be asked to trim their vegetation to the right of way to increase visibility.

Project TS-06

At the stop sign at the intersection of 75th Avenue and NE 148th Street (looking north), per City code, the adjacent property owners will be asked to trim their vegetation to increase visibility.

Project TS-07

As 75th Avenue functions as a neighborhood collector in this area, providing a north-south route for the crossing streets, there is a warrant to place stop signs at the intersections of NE 146th Street and NE 145th Place. NE 145th Street is within the City of Kirkland at the intersection with 75th Avenue.





Neighborhood Transportation Plan Program

Projects Not Selected

Project TS-02

Concerns were raised about the pedestrian facilities at the intersection of Juanita Drive and NE 143rd Street. This intersection serves a trailhead for St. Edwards State Park, and is located 600 feet south of the signalized intersection at NE 145th Street. There is a short length of sidewalk and a wide shoulder on the east side of Juanita Drive between the two intersections, but this available space for pedestrians ends 175 feet south of NE 145th Street, leaving pedestrians with a very narrow shoulder to use.

Because of the topography of this location, widening of the shoulder pedestrian facility would require the construction of a retaining wall on the east side of Juanita Drive. The cost of this wall exceeds the neighborhood budget for this program.

A crossing at NE 143rd Street would be complicated because of the presence of the left turn pocket on Juanita Drive. This location may only see limited pedestrian use, and is located very close to the NE 145th Street signal. A crosswalk is not warranted at this location. Future improvements to connect to the signalized intersection at NE 145th Street are recommended.

Neighborhood Budget

This per capita budget for the Teal South Neighborhood is \$20,400. This figure is based on a neighborhood population of 418 households. The signing and striping projects will can be completed within the neighborhood budget and will be completed first in order to establish the remaining neighborhood budget. The chicanes project on 75th Avenue may require a change in the project layout in order to be within this remaining neighborhood budget. A modified plan involving speed bumps, instead of chicanes, may be pursued if budget constraints do not allow for the construction of the chicanes.