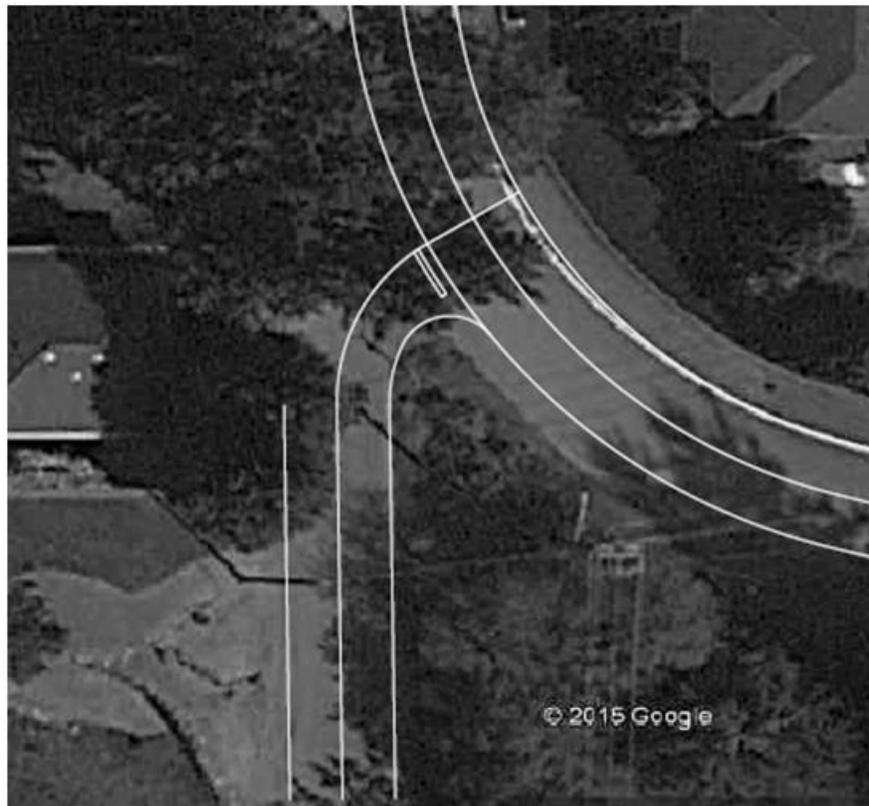




Neighborhood Transportation Plan Program

Project GrS-01

The stop sign at the intersection of 76th Ave NE and NE 165th Street is currently located 15 feet back from the edge of NE 165th Street. This intersection lies on a combination of a steep hill and a tight horizontal curve. This project would paint a stop bar closer to NE 165th Street and bring stopped vehicles more square to NE 165th Street. The stop sign would be relocated closer to the top of the hill. These modifications will help increase the visibility for traffic from 76th Avenue. 76th Avenue traffic will not be required to stop on as steep a hillside as with the current stop sign location.





Neighborhood Transportation Plan Program

Project GrS-02, 03

Speed feedback signs have been shown by research to be one of the most effective tools at addressing speed concerns, especially in low volume, low speed environments. 81st Avenue and NE 166th Street are good candidates to have a feedback sign posted to address speed concerns. Current models of feedback signs are mobile, and can be attached to existing poles. These signs also provide data on vehicle speeds and change in speed of approaching vehicles allowing immediate analysis of their effect. A feedback sign will be placed on each road for one-week periods, as part of a rotation throughout the city. This rotation will continue for a six-month period. After this period, data from the sign will be used to evaluate the need to continue placing the speed feedback sign, discontinue its use, or evaluate these two streets for further traffic calming under the city's Traffic Calming Policy.

On NE 166th Street, a pair of speed limit signs will be added. There is no existing speed limit sign westbound on this street. The existing blue speed limit sign near Simonds Road will be swapped for a standard speed limit sign.



The cost of the mobile speed feedback sign will be shared between this neighborhood and others with similar candidate roads for a feedback sign.



Neighborhood Transportation Plan Program

Project GrS-04

To address concerns with speeds approaching the curves at the intersections of NE 169th Street with 76th and 74th Avenues, on-street “SLOW” stencils will be placed. The sharpness of these curves, presence of speed bumps on 76th Avenue, and narrow roadway provide a natural traffic calming effect. The curves are signed for 15 mph advisory speed. To ensure drivers are aware of the sharpness of the curve, the signs will be supplemented with on-street “SLOW” stencils.



Project GrS-05

The intersections of 75th and 79th Avenues with NE 170th Street were identified as high priority concerns. The 79th Ave intersection has acceptable sight distances for traffic from 79th Ave. At the 75th Ave intersection, there are shrubs to the east and a hillside to the west that obstruct some of the sight lines to traffic on NE 170th. A portion of the hillside falls within the public right of way and this hillside can be modified to remove the sight distance obstruction. The shrubs to the east are in the public right of way and can be trimmed as necessary to remove the sight distance obstruction.

The existing signage on NE 170th Street warning traffic of these intersections is located far from the cross streets. There are a number of driveways and cross streets that fall between these signs. To clarify the location of the intersections for drivers, the signs will be located to approximately 150 feet either side of the 75th and 79th Avenue intersections. A 30 mph advisory speed plaque will be added to each intersection sign due to the sight distance restrictions at both of these intersections.

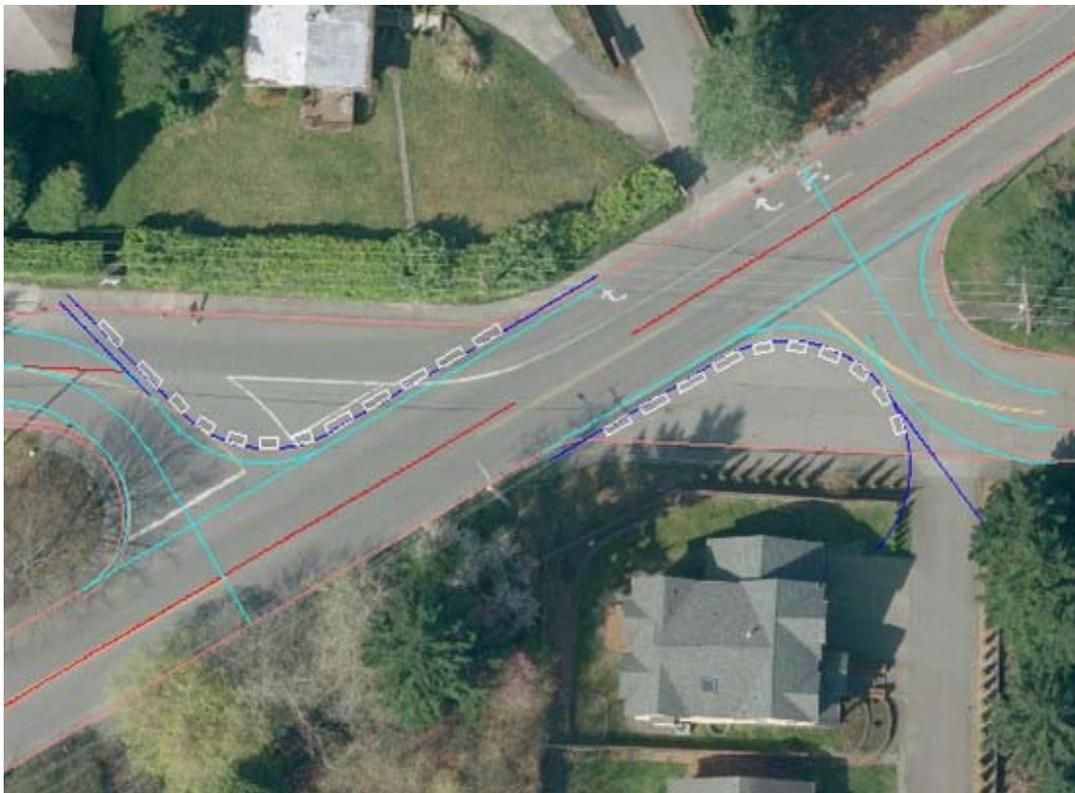
The light fixture on the north side of Simonds Road at the intersection of 75th Avenue will be upgraded to an LED light to improve visibility at this intersection.



Neighborhood Transportation Plan Program

Project GrS-06

The intersection of 84th Avenue and Simonds Road is a high priority for modification both for traffic and pedestrians. The intersection will be reshaped with a combination of pavement markings and concrete planters. Each approach will be “squared” to Simonds Road, allowing better visibility for vehicles making turns onto Simonds. The crossing distance for pedestrians walking parallel to Simonds Road will be shortened on both sides of the street. The wide curve radii that allowed high turn speeds for traffic making right turns off of Simonds Road will be made much narrower, which will have a calming effect on the speed of turning vehicles.



This project will need to be bid out to a vendor for fabrication and delivery of the planters, and may take longer to implement. The planters will allow for aesthetic treatments through volunteer efforts at this intersection.



Neighborhood Transportation Plan Program

Project GrS-07

Recent data obtained on 79th Place indicate that vehicle volumes are low and speeds are in an acceptable range. To address concerns with vehicle speed, a speed limit sign will be posted for northbound traffic, as there is no sign currently posted north of NE 165th Street.

Project GrS-08

The existing stop sign at the intersection of 79th Place and NE 165th Street will be enhanced with a stop bar to increase its visibility. Vegetation trimming around the sign will be performed when the stop bar is painted. An additional LED light arm will be added to the existing pole at the northeast corner of the intersection for added visibility.

Project GrS-09

With changes in development patterns, the current layout of the intersection of 75th Street and NE 169th Street was re-evaluated for stop control. The intersection does not warrant all-way stop control, but there is an inconsistency in the stop control along NE 169th Street. In order to reflect likely new traffic patterns from new residential development, a stop sign will be added for westbound traffic on NE 169th Street. Stop bars will be added to this new sign and the eastbound stop sign. The curved centerline on 75th Avenue will be obliterated.





Neighborhood Transportation Plan Program

Neighborhood Budget

This per capita budget for the Grey South Neighborhood is \$29,200. This figure is based on a neighborhood population of 626 households. The selected projects are estimated to be within this budget. There will be some cost sharing with other neighborhoods for the speed feedback sign, and with the City's arterial budget for the 84th/Simonds intersection project.