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Find out more about these recommendations in our **Residential Traffic Guidebook** or by logging on to **Streets are for Everyone (SAFE)**—Neighborhood Traffic Safety Services' blog.

**Blog:** <http://bellevuentss.wordpress.com>

**Guidebook:** [http://www.bellevuewa.gov/pdf/Transportation/Guidebook\\_Web.pdf](http://www.bellevuewa.gov/pdf/Transportation/Guidebook_Web.pdf)



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## 2016-007 148th Pl SE between SE 44th St and SE 45th Pl

Thank you for submitting your requests for speed humps on 148th Pl SE between SE 45th Place and 150th Ave SE and SE 44th Street and 150th Ave SE through the Neighborhood Enhancement Program. To address your concerns, we have completed a field review and data analysis and compiled this information into the enclosed Traffic Action Plan (TAP), as well as our recommendations.

Speed studies were conducted on 148th Pl SE between SE 44th St and SE 45th Pl near your home. These studies show average speeds of 31.4 mph, with 85% of motorists traveling at or below 35 mph in the northbound direction and at or below 32.4 mph in the southbound direction. The posted speed limit is 25 mph. In looking at the past ten years, there was one reported collision in 2014 involving a vehicle backing up, resulting in property damage only.

Physical measures that affect vertical deflection, like speed humps, are typically limited to streets where the volumes are less than 6500 vehicles per day. With a mid-week average of 11,129 vehicles per day, 148th Pl SE exceeds the thresholds where physical devices have been shown to be effective at slowing down traffic.

With an 85th percentile speed that is 10 miles above the posted speed limit and the volume of traffic, this request ranked high as a location for a permanent speed radar feedback sign. These signs direct a driver's attention to the posted speed limit and digitally display the speed of the driver's vehicle on a large message board. This instant feedback results in a greater awareness of the speed limit and encourages motorists to adjust their speed accordingly. In addition to the radar feedback sign, "25 mph" speed limit pavement markings will be installed as well. Actual location of these items will be finalized as design plans are complete. We anticipate this work being completed in Spring 2017.

In the meantime, we also encourage you and your neighbors to participate in one of our education programs that are consist of resident participation as described on page 3 of this report. One of the options that could work well for the situation you've described is the Neighborhood Speed Watch program. This can be another way of reminding people who choose to drive above the speed limit that they are doing so in a neighborhood where people live.

If you have any questions about the information in this report, feel free to contact me at [vgarcia@bellevuewa.gov](mailto:vgarcia@bellevuewa.gov) or (425) 452-6103. We look forward to your continued participation.

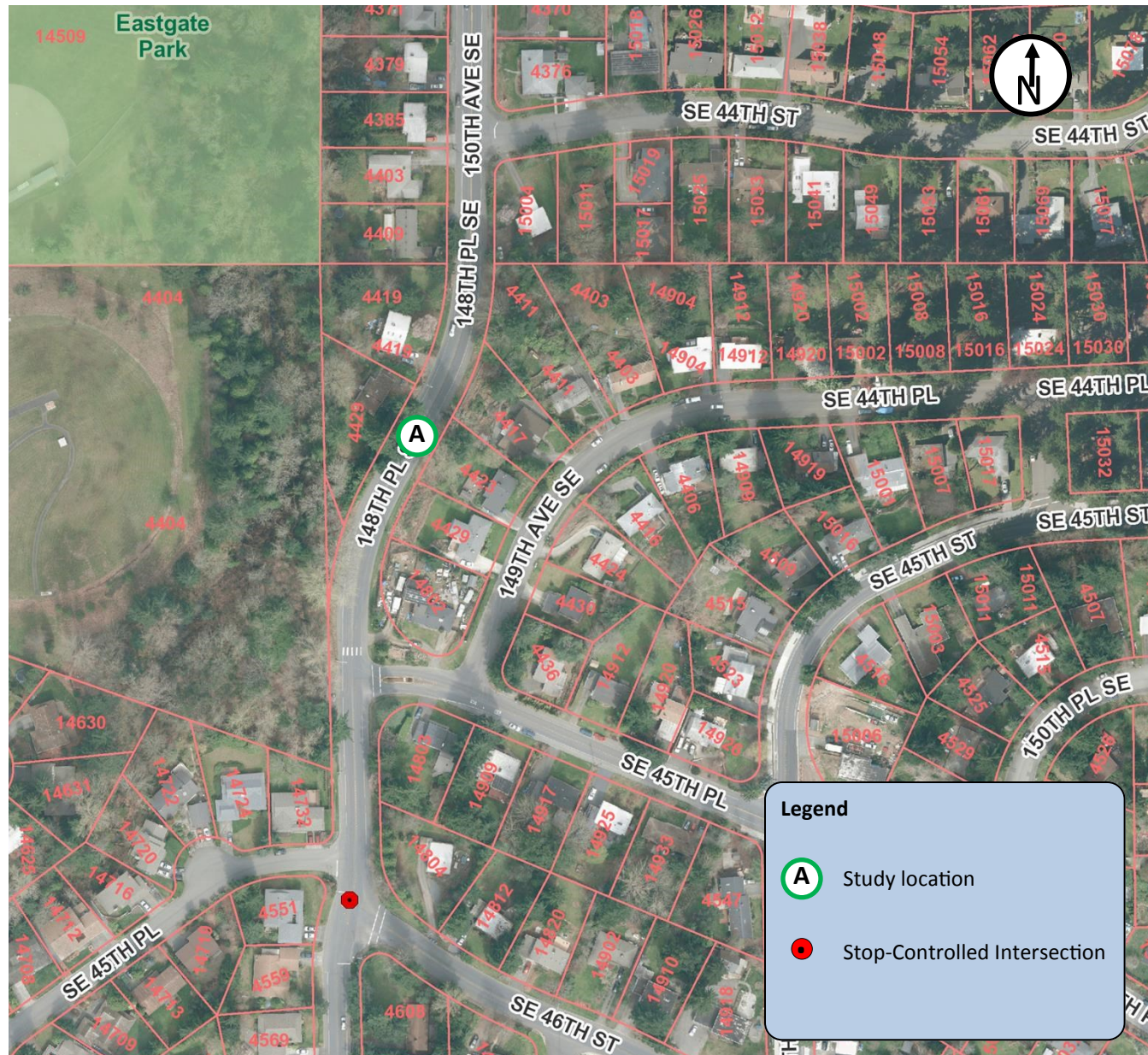
Sincerely,

Vangie Ann P. Garcia, P.E. PMP





148th PI SE between SE 44th St and SE 45th PI



## Summary of Findings

Position	Location	Year of Study	Mid-week Average Daily Traffic	Average Speed		85% Speeds*	
				North-bound	South-bound	North-bound	South-bound
A	148th PI SE between SE 44th St and SE 45th PI	2016	11,129	31.4	29.1	35	32.4

\*85% of vehicles traveling at or below this speed

Mid-Week Average Daily Traffic consists of Tuesday, Wednesday, and Thursday



148th PI SE between SE 44th St and SE 45th PI



## Analysis Recommendations

The recommendations from this analysis is for the installation of a speed radar feedback sign and 25 mph pavement legends on 148th PI SE, within the vicinity between SE 44th Street and SE 45th Place.

Neighborhood Traffic Safety Services staff will proceed with the installation of these measures and will be working with Traffic Operations staff if improvements or modifications to the existing crosswalk are necessary.

## Recommendations for Resident Participation

### Neighborhood Speed Watch

One of the ways you can help to address periodic speeders is by borrowing a hand-held radar or lidar unit and participating in our Neighborhood Speed Watch Program. Using this hand-held unit, you can record information about vehicles you observe **traveling at or above 30 mph**. From this information, we will locate the registered owner of the vehicle and send a letter to them asking for their cooperation in reducing their speed. A partner to assist you with the data collection is recommended.



### Police Enforcement

Enforcement is a tool that encourages motorists to change their driving behavior through the issuance of citations. If you would like to request additional enforcement in the future please do so by calling (425) 577-5656.

