



MEMORANDUM

To: Joseph Scorcio, City Manager
Through: Will Appleton, Director of Public Works
From: Florendo Cabudol, City Engineer
Date: June 16, 2017
Re: Council Update on Traffic Calming (Speed Humps) request along 51st Ave S,
between S 178th St and S 182nd St

- Chronology

- August 2016 – Public Works received inquiry from a resident about installing traffic calming measures along 51st Ave S, between S 178th St and S 182nd St
- 8/29/16 – The resident organized a community meeting at Valley Ridge Library and invited City staff to hear neighborhood’s traffic calming concerns and learn about the City’s process related to the Neighborhood Traffic Safety Program (NTSP)
- 9/12/16 - Petition for Traffic Calming Features in ROW submitted by residents along and near 51st Ave S and S 179th St (included as an add-on; 51st Ave S was original subject of request)
- September 2016 – April 2017 – Obtain and assess data; extended period due to staff error in data analysis, obtaining additional field data, and re-assessment.
- May 2017 – Determination that all NTSP criteria was met for Phase 2 traffic calming treatment. Recommendation to install 3 speed humps along 51st Ave S, between S 179th St to S 182nd St was moved forward for approval.

- Decision Points

- Neighborhood Traffic Safety Program (NTSP) Phase 1 measures (signage, speed radar trailer, traffic counts, vegetation management, pavement markings, law enforcement, education) were implemented previous to this request. [*There have been previous concerns submitted by residents regarding traffic calming*]
- Subsequent to considering and implementing Phase 1 measures, NTSP Phase 2 was then considered.
- All Phase 2 criteria were met
- Based on Phase 2 criteria being met, speed humps were recommended as the appropriate traffic calming device to implement to address the speeding concerns along 51st Ave S

- Coordination with the Puget Sound Regional Fire Authority to arrange the speed hump layout to allow Fire Engines wheel paths to straddle a middle segment of the speed hump.
- Cost for materials and labor to install speed humps at 3 locations along with advanced warning signs totals \$7,500.
- Community Outreach
 - 8/29/16 – Initial resident community meeting at Valley Ridge Library (see above)
 - 9/12/16 – Petition received supporting Phase 2 traffic calming measures be implemented
 - 3/10/17 – Petitions received advocating against installing speed humps on S 179th St and on 51st Ave S, north of S 179th St.
 - March – May 2017 – After discussions with representatives of resident groups in support of and against speed humps, the design for installing speed humps was adjusted to be deployed on 51st Ave S between S 179th St and S 182nd St
- Police and Fire Coordination [New/Added per Council Request from 6/13/17 RCM]
 - 8/25/16 – Reached out to Police Chief Mulligan on history of traffic calming concerns along 51st Ave S and asked for availability to attend resident community meeting on 8/29/16
 - 9/22/16 – Received traffic speed data from Police and their Mobile Traffic Radar trailer unit. Unit was deployed in the 18000 block of 51st Ave S.
 - 5/5/17 – Distributed (via email) PW Engineering’s analysis and recommendation to implement speed humps along 51st Ave S to both Police Chief Mulligan and Asst. Fire Chief Wiwel.
 - 5/5/17 – Police Chief Mulligan did not have any objections to PW Engineering’s recommendation to implement the speed humps. Chief Mulligan did request a 2 month notice prior to implementation so that officers are aware of the upcoming change.
 - 5/16/17 – Asst. Fire Chief Wiwel explained that speed humps added an estimated 11 seconds delay to response time and suggested PW Engineering consider straddle type humps that allow fire engines to pass through with little impact from the speed humps. Asst. Fire Chief Wiwel also suggested offsetting or staggering the speed humps so Fire can maneuver around them. Fire Capt. Napier provided a detail that he helped develop for the City of Kent. PW Engineering agreed to adjust the speed hump design to accommodate the “straddle type” arrangement consistent with the detail provided by Fire.
- Schedule for deployment
 - Upon final approval of recommended action, deployment will take 4-6 weeks to provide notice to the neighborhood, install the speed humps and signage