



INFORMATIONAL MEMORANDUM

TO: **Equity and Social Justice Commission**

FROM: **Hari Ponnekanti, Public Works Director/City Engineer**

BY: **Cyndy Knighton, Senior Program Manager**

CC: **Mayor Ekberg**

DATE: **January 24, 2022**

SUBJECT: **Neighborhood Traffic Calming Program**
Project No. 82010301
Introduction to Program

ISSUE

Introduction to and review of the City's Neighborhood Traffic Calming Program (NTCP), which was adopted by Resolution 1955 in 2018. Staff is seeking review of the Program by the Equity and Social Justice Commission to determine if there are recommendations to ensure equity across the program.

BACKGROUND

The NTCP was adopted at the end of 2018 to address neighborhood concerns with traffic safety. The Council wanted to ensure that traffic calming safety decisions are based on technical engineering and applied in a uniform and consistent manner. The NTCP program was set up for ease of implementation with minimum hurdles, especially for Level 1 improvements. Level 1 improvements are passive traffic control treatments that can be implemented quickly and inexpensively and are often all that is needed to address neighborhood complaints. Level 2 treatments are physical devices, often permanently installed, which require more extensive design efforts and are costlier. Additionally, Level 2 treatments require coordination and concurrence with the Police and Fire departments and approval from the Council. Emergency services are included as Level 2 devices as they have the potential to negatively impact response times. The adopted Resolution is attached to this memorandum.

In 2019, funding for the NTCP program was provided for the first time in the amount of \$400,000. Staff primarily focused on acquiring signs (generally LED signs), radar feedback signs, and other materials necessary for implementation of Level 1 treatments. Data collection was done to allow staff to score and prioritize traffic calming requests. At the end of 2019, a significant number of Level 1 and Level 2 treatments were completed, as is shown in the attachments.

In 2020, funding was removed as part of cost savings measures associated with the Covid-19 pandemic impacts to the City's budget. Before the budget was eliminated, staff was able to complete design for improvements at 5 locations, install LED enhanced stop signs at 5 locations, and implemented crosswalk safety flags at 9 locations. The total cost was \$32,100. At the end of 2021, the Council restored the \$400,000 budget for 2022 and provided \$100,00 in 2021, all using the federal ARPA funds. Funds were expended in 2021 to replenish stock of items such as LED enhanced signs, radar feedback signs, as well as purchased equipment for two RRFB units, to be installed in 2022.

DISCUSSION

As Council was considering where to allocate ARPA funds, staff presented a list of “Staff Top Ten” recommended projects (attached). The list was based on staff’s review of historic and new requests from the community for traffic calming, impact of mitigation measures (with an emphasis around schools), professional judgement on urgency of need, and geographic equity.

Requests for traffic calming are made via multiple ways. On the City’s website, there is a form that anyone can fill out and it is automatically delivered to staff. Phone calls often generate a request that is directly added to the staff-maintained list. Oftentimes, staff or elected officials talk directly with community members and submit requests to Public Works staff on their behalf.

The City actively solicits for requests for traffic calming through semi-regular articles in The Hazelnut. The City’s website also has an article about the program and how to submit a request at <https://www.tukwilawa.gov/enroll-in-the-citys-neighborhood-traffic-calming-program/> and occasional banners advertising the program are activated. Staff routinely updates members of the Transportation and Infrastructure Committee on NTCP activities.

Additional ways to spread the word about this program are being considered by staff including:

- Article in The Hazelnut in top 4 non-English languages
- Posting on City social media sites
- Article in the Senior newsletter
- Briefing multiple City Boards and Commissions
- Sharing information with Community based groups

ATTACHMENTS

- NTCP Resolution 1955
- 2019 NTCP Accomplishments
- 2019 NTCP Accomplishments Map
- Staff Top-Ten Recommended Projects
- Top-Ten Recommended Projects Map

2019 NTCP Accomplishments
January 1, 2019 - December 31, 2019

Location	Safety issue(s)	Requester	Cost	Status	Level	Complete?
Rapid Rectangular Flashing Beacons						
TIB at S.141st St	Pedestrian crossing safety	Abu-Bakr	\$263,000	Installed two RRFB crossings, radar sign southbound	2	✓ 5/19/2019
S.144th St at 46th Ave S	School Crossing safety	TSD	\$18,000	RRFB is installed, 2 radar signs installed	2	✓ 5/1/2018
S.144th St at 37th Ave S	Crossing safety/marked xing	Tuk-Works	\$20,000	RRFB designed/installed Completed	2	✓ 9/1/2019
65th Ave S at Southcenter Blvd	Pedestrian crossing safety	Staff/Historical	TBD	Design drafted	2	✓
62nd Ave S at Southcenter Blvd	Pedestrian crossing safety	Tuk-Works	TBD	Design drafted	2	✓
S.150th St at Thorndyke Elementary	School Crossing/marked xing	Staff/Historical	n/a	Completed 2019 by TSD	2	✓ 9/1/2019
LED Enhanced Stop Signs						
58th Ave S at S.144th St	Failure to obey stop sign	Tuk-Works	\$2,000	1 sign installed for EB 144th at 58th/design for 4-way	1	✓ 5/19/2019
37th Ave S at S.137th St	Failure to obey stop sign	Tuk-Works	\$6,000	3 signs installed	1	✓ 7/1/2019
37th Ave S at S.140th St	Failure to obey stop sign	Tuk-Works	\$8,000	4 signs installed	1	✓ 7/1/2019
53rd Ave S at S.170th St	Speeding, stop sign request	Tuk-Works	\$2,000	Signs ordered for eastbound	1	✓ 1/1/2020
S.133rd St at 32nd Ave S	4 way stop safety	Tuk-Works	\$4,000	2 signed installed for east and west	1	✓ 9/1/2019
S.135th St at 32nd Ave S	4 way stop safety	Tuk-Works	\$4,000	2 signed installed for east and west	1	✓ 9/1/2019
S.147th at 57th Ave S	4 way stop safety	Legacy	\$2,000	reviewed/converted 3-way to all-way stop	1	✓ 10/1/2019
Military Rd at S.133rd	Failure to obey stop sign	Seatac	\$2,000	1 sign installed for WB	1	✓ 9/1/2019
S.170th at 53rd	Failure to obey stop sign	Tuk-Works	\$2,000	1 sign installed for WB	1	✓ 2/1/2020
S.144th at 56th Ave S	Failure to obey stop sign	Staff/Historical	\$4,000	2 signed installed for east and west	1	✓ 2/1/2020
Driver Speed Feedback Signs						
S.148th St at 4400 blk *	Speeding	Tuk-Works	\$6,000	2 Radar signs installed	1	✓ 7/1/2019
Macadam Rd S at 13700 blk	Speeding/school bus stop safety	Tuk-Works	\$6,000	2 Radar signs installed	1	✓ 8/1/2019
S.164th St at 4700 blk	Speeding	Tuk-Works	\$6,000	2 Radar signs installed	1	✓ 7/1/2019
42nd Ave S at 11900 blk	Speeding	Tuk-Works	\$6,000	2 Radar signs installed	1	✓ 4/1/2019
S.140th St at 3500 blk	Speeding	Tuk-Works	\$6,000	2 Radar signs installed	1	✓ 8/1/2019
S.130th St at 37th Ave S	Speeding	Tuk-Works	\$6,000	2 Radar signs installed.	1	✓ 3/1/2019
Speed Cushions						
53rd Ave S at S 140th	Speeding	Tuk-Works	\$12,000	4 speed cushions installed	2	✓ 9/1/2019
S.148th St at 4400 blk *	Speeding	Tuk-Works	TBD	1 speed cushion installed, 1 more being considered	2	✓ (partial)
School Zones						
S.148th St (Impact Charter Schools)	School Zone safety	Impact school	\$23,591	Completed- new flashers, marked crossing, curbing	2	✓ 9/1/2019
S.144th St at 44th PI S	School Crossing safety/xing	Tuk-Works	TBD	Design reviewed/not recommended	TBD	✗
Miscellaneous						
62nd at City Hall	Pedestrian crossing safety	Tuk-Works	\$0	Marked and signed crossing completed	1	✓ 10/1/2019
53rd/52nd Traffic circulation revision	Pedestrian/Bicycle safety	Staff/Historical	\$15,000	Design completed/construction in 2020	2	✓ 12/1/2019
65th, Scblvd and 62nd	Safety lighting	Tuk-Works	\$26,127	Installed new and replaced old lighting with LED	1	✓ 10/1/2019
42nd Av S at S.140th	Sight distance/Safety	Tuk-Works	\$0	Installed parking prohibitions near SE corner	1	✓ 10/1/2019
44th Ave S at 11800 blk	Speeding	Tuk-Works	\$0	Speeding not confirmed. No action taken	1	✗ 7/1/2019

NTCP Funding \$186,718

Other \$263,000

\$449,718



City of Tukwila

NTCP 2019 Installations



NOT TO SCALE

- Pending
- LED Curve Signs
- Speed Cushion
- Radar feedback
- LED Stop Sign
- RRFB Crossing
- School Zone Flasher

Map Legend

- City Facility
- City Bathroom
- Fire Station
- Police Facility
- School
- Trail
- Street
- Tukwila Park
- Waterbody
- City Limits

