



Traffic Action Plan

City of Mukilteo Traffic Calming Program

January 19th, 2021

Pete Everett	Garret Janney	John Jacobson	Don Olin	Bill and Janie May
TC 2017-009	TC 2016-001	TC 2020-007	TC 2020-002	TC 2020-011

Ian and Monica Wright	Terry and Gloria DeGrow	Les Nelson and Maryjane Cavanagh	Janice Moorhead and Art Smith
TC 2020-005	TC 2020-008	TC 2019-006	TC 2020-009

Re: Speeding Concerns on 5th Street / Mukilteo Boulevard

In 2019 and 2020 the City received Request for Action forms for 5th St. / Mukilteo Blvd. In addition, previous traffic calming actions on 5th St were due to be reevaluated. We combined these efforts and created one Traffic Action Plan for the community.

We want to thank you for contacting the City of Mukilteo and sharing your concerns with vehicle speeds on 5th Street. We have completed a field review and data analysis and compiled this information into this Traffic Action Plan (TAP), as well as our recommendations.

A speed study was conducted at two locations of 5th St / Mukilteo Blvd, near Loveland Ave. and Lamar Dr. The locations were selected to capture the highest speeds possible based on the information you provided in the Request for Action form.

For the Lamar Dr. location, the speed study began on February 26, 2020 and ended on March 9, 2020. The study shows 85% of motorists are traveling at or below 41.0 mph in the northeast direction and at or below 41.0 mph in the southwest direction. The posted speed limit in this location is 35 mph. The average daily traffic traveling northeast direction was 2,720 vehicles, and 2,430 vehicle traveling southwest direction during the 13 day speed study.

For the Loveland Ave. location, the speed study began on October 13th, 2020 and ended on October 26th, 2020. The study shows 85% of motorists are traveling at or below 32 mph in the westbound direction. Unfortunately, data was not available for the eastbound direction. The posted speed limit in this location is 25 mph. The average daily traffic traveling westbound was 2,274 vehicles during the 13 day speed study.

One of the pieces of information that is used in the City's traffic calming program is 85th percentile speeds. The 85th percentile speed is the speed at which 85% of vehicles are traveling at or below. This speed is important because it is the speed that the federally adopted Manual for Uniform Traffic Control Devices

Control Devices recommends for setting speed limits. Based off the 85th percentile speed and traffic volumes shown in the traffic study, the City has prepared a Traffic Action Plan.

- The Police Department has added this location to the extra patrol list for additional traffic emphasis patrols.
- The City will install transverse rumble strips, pavement markings, and oversized speed limit signs on 5th St. this Spring-Summer.
- Additional traffic calming measures are suggested on Page 5 which the neighborhood is encouraged to participate in.

In addition, you might be interested to hear that the City is beginning design work for pedestrian and bicycle improvements along this section of road. It was identified as a need during development of the BTW plan (By the Way), and was awarded grant funds for the design phase last year. Traffic calming will be one of the considerations as we go through the design process. You will be hearing more about it as community outreach will be part of the process.

Again, thank you for sharing your concerns with us. We look forward to working with you and your neighbors on the programs suggested to address your traffic concerns. Please feel free to contact Connie Bowers at cbowers@mukilteowa.gov or 425.263.8080 regarding any of the information in this TAP.

Sincerely,


Andrea Swisstack (Jan 19, 2021 17:58 PST)

Andrea Swisstack, P.E.
Director of Public Works/City Engineer



Cheol Kang
Police Chief

Location of Speed Study: 5th St. near Loveland Ave.



Summary of Findings

Location of Speed Study: Mukilteo Blvd. near Lamar Dr.



Summary of Findings

Date	Location	Average Daily Traf- fic	Average Speeds	85% of vehicles traveling at or below this speed
October 13—26, 2020	Westbound, Mukilteo Blvd	2,274	29 MPH	32 MPH
October 13—26, 2020	Eastbound, Mukilteo Blvd	Unavailable	Unavailable	Unavailable
October 13—26, 2020	Combined Mukilteo Blvd	4,516	29 MPH	33 MPH

Date	Location	Average Daily Traf- fic	Average Speeds	85% of vehicles traveling at or below this speed
February 26-March 9, 2020	NorthEast Bound, Muk- ilteo Blvd	2717.9	36.8 MPH	41.0 MPH
February 26-March 9, 2020	SouthWest Bound, Mukilteo Blvd	2430.8	36.8 MPH	41.0 MPH
February 26-March 9, 2020	Combined Mukilteo Blvd	5148.8	36.7 MPH	41.0 MPH

Customized Traffic Action Plan for 5th St. / Mukilteo Blvd.

Education, Encouragement, and Enforcement

By educating the community and encouraging safe driving, we can begin to change driver behavior and reduce vehicle speeds.

Enhanced Speed Limit Identification

Transverse Rumble Strips

Transverse rumble strips are used to alert drivers of a need to slow down or stop, or to other upcoming changes that may not be anticipated by an inattentive driver. These rumble strips are placed in the travel lane perpendicular to the direction of travel.



Speed Limit Pavement Markings

The City uses pavement markings noting the posted speed limit at locations where drivers may need to be reminded of the posted speed limit. The pavement markings are typically 8 feet long.



Oversized Speed Limit Signs

Oversized signs may be used for those special applications where speed, volume, or other factors result in conditions where increased emphasis, improved recognition, or increased legibility would be desirable. The speed limit signs would be increased in size from 24" x 30" to 30" x 36".

Neighborhood Speed Watch Programs

The Neighborhood Speed Watch is a public awareness program that provides citizens with partnership opportunities in solving speeding problems in their neighborhood. Residents can monitor the actual speed of vehicles with radar equipment on loan from the Police Department. A short 1 hour training session is provided to the requestor by City staff. The requestor collects motorists' data and submits the results to City Staff.



Police volunteers are also trained to utilize portable radar equipment where they can record the license plate numbers of those motorists driving at least 5 mph above the posted speed limit. A letter is sent from the Police Department to the registered owners of those vehicles informing them of the observed violation and encourages them or the other drivers of their vehicle to drive at or below the posted speed limit. Since this is a community awareness program, no formal citations or fines are issued.

Radar Trailer/Dolly

The radar trailer/dolly is a portable trailer equipped with a radar unit which detects the speed of passing vehicles and displays the speed on a reader board. The goal is to heighten driver's awareness of both the speed at which they are traveling and the posted speed limit. This encourages drivers to adjust their speeds, if needed.

Police Officers or Police Volunteers will place the radar trailer or dolly at location as requested. The Police Department may use the trailer as a “speed checkpoint” and have an officer present to issue citations to violators.

My Action Plan for 5th St. / Mukilteo Blvd.

Are you feeling inspired to take action to address the traffic concerns for 5th St. / Mukilteo Blvd.
Here is a checklist to help you get started:

- ☐ Talk to my neighbors and share the City's findings and recommendations

☐ List interested neighbors who want to help me with efforts:

☐ Decide the educational programs we want to participate in:

☐ Neighborhood Speed Watch Programs

Contact City staff at 425.263.8100 to set-up a training session for the Neighborhood Speed Watch Program, and get materials.

Email the Crime Prevention Volunteers to conduct neighborhood speed watches at crimeprevention@mukilteowa.gov.

☐ Radar Trailer/Dolly—I am willing for it to be placed in my driveway.

To request a radar speed trailer be placed at a particular location, call 425.263.8100.

Notes:

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