

SULTAN CITY COUNCIL AGENDA ITEM COVER SHEET

ITEM NO: Discussion-1

DATE: December 2, 2010

SUBJECT: Consideration of Speed Limit Changes

CONTACT PERSON: Jeff Brand, Police Chief

ISSUE:

Staff requests the Sultan City Council consider and give direction on two separate citizen requests for speed reductions.

STAFF RECOMMENDATION:

- Council reviews the two separate requests for speed reductions on First Street and East Main.
- Evaluate the requests based on their own merits.
- Direct the speed limit on East Main Street to be reduced to 20 miles per hour.
- Direct the speed limit on First Street remain at 25 miles per hour and direct that additional warning signs be erected in the 500 and 800 blocks of First Street and on High Street.

SUMMARY:

Revised Code of Washington (RCW) 46.61.440 regulates the speed for roads in the State of Washington, including speed limits when passing school or playground crosswalks. It also allows local jurisdictions to create and regulate special zones in these areas.

The Sultan City Council has adopted the Model Traffic Ordinance (MTO) by reference which means Sultan Municipal Code (SMC) 10.04 has adopted the recommended speeds and regulations set forth in RCW Title 46, with the exception of US 2, which has a declared speed limit of 35 miles per hour (SMC 10.08). Revised Code of Washington 46.61.400 and the MTO both recommend speed limits in cities and towns are a maximum of 25 miles per hour.

First Street Request:

On October 15, 2010 Teresa Knuckey wrote an e-mail requesting the speed limit in the area of the Boys and Girls Club and Volunteers of America be reduced from 25 to 20 miles per hour because of the unusually high number of children and families that frequent and cross the street at that location.

The Sultan Boys and Girls Club is located at 705 First Street the Sultan Food Bank is next door at 703 First Street and the Volunteers of America is the next door south at 701 First Street. We have three fairly high volume community centers all condensed into a one block area of First Street.

First Street is a straight, flat, paved roadway with one lane of travel in each direction and sufficient room for on street parking on both sides of the street. There have been no reports of collisions in the area for more than two years and a sampling of radar enforcement shows the average speed in the area is 28 miles per hour.

Deputies have parked marked and unmarked cars in the 500 block of First Street in the morning and evening hours to monitor speeds by radar and find the southbound morning traffic averages 28 miles per hour, while the northbound evening traffic averages speeds of 32 miles per hour.

In September 2010, Snohomish County Public Works conducted a traffic study, including monitoring traffic speeds at First and Willow for one week. According to that study (Attachment C) the average speed on First Street was 26 miles per hour.

According to staff at the Boys and Girls Club, they serve 15 – 20 children between 6:00 AM – 4:00 PM daily and with the exception of occasional squealing tires, have not had an issue with speeding traffic.

Staff of the Volunteers of America state they serve about 30 children daily from 8:30 AM – 4:00 PM and have seen high speed traffic pass their building at all hours of the day.

Staff from the Sultan Food Bank state they serve about 100 people two days a week during both days and evenings, report they have seen high speed traffic but cannot give an estimate of speeds.

East Main Street Request:

Wagley Creek Automotive and the businesses on East Main Street have requested the speed limit in the 1100 block of East Main Street be reduced to 20 miles per hour as well. The businesses have asked for this because of the condition of the gravel roadway and problems with employees from local businesses going too fast through the area.

East Main Street is a one block, two lane gravel road that runs east from 11th Street to the back entrance of Romac Industries. Although the road is straight and level, it does have potholes and a drainage ditch on the north side, with no clear curb or border on the south side of the roadway. The road is adjacent to Wagley Creek and has a single culvert crossing that is inadequately sized to serve large delivery vehicles.

As of this time, there has not been a traffic study of the area which serves about five businesses but Public Works staff met with local businesses and plan to install stop signs on East Main at 11th Street and on 11th Street at East Main. . The road is used by employees and patrons of the five businesses as well as large vehicles which make regular pickups and deliveries to those businesses.

FISCAL IMPACT:

There will be no fiscal impact if Council decides to make no changes to the current speed limits or conditions of these roads. If changes are made, the fiscal impacts are described as follows;

First Street Improvements:

Option 1:

Council can choose to change the speed limit in the 500 – 800 block of First Street which will require us to install two 20 mile per hour speed limit signs, costing about \$250 total.

Option 2:

Council can direct staff to install warning signs in the 500 & 800 block of First Street and near the intersection of First and High, warning traffic of congestion and pedestrians in the area. The combined cost of the three signs would be about \$400 total.

East Main Street Improvements:

Council can choose to change the speed limit and direct staff to install two 20 mile per hour, costing about \$250 total.

ALTERNATIVES:

- Direct staff to leave the posted speed limit on both streets at 25 miles per hour.
- Reduce the speed limit on one or both roads to 20 miles per hour as requested by citizens.
- Reduce the speed on East Main Street and keep the current 25 mile per hour zone on First Street at the same time directing staff to install additional warning signs on First Street and asking police staff to focus more traffic enforcement time on both streets.
- Direct staff to look at other alternatives and investigate the problems more.

RECOMMENDED ACTION:

- Direct staff to write an amendment to SMC 10.08, reducing the speed limit on East Main Street. Once approved, install 20 mile per hour speed limit signs on East Main.

- Install additional warning signs on First Street and focus traffic enforcement on First Street.

ATTACHMENTS

- A - Sultan Municipal Code 10.04 Model Traffic Ordinance
 - Sultan Municipal Code 10.08 Maximum Speed Limits on Certain Streets
 - Revised Code of Washington 46.61.415 When Local Authorities May Alter Maximum Limits
 - Revised Code of Washington 46.61.400 Basic Rule and Maximum Limits
 - Revised Code of Washington 46.61.440 Maximum Speed Limits When Passing School or Playground Crosswalks.
- B – Maps: First Street and East Main Street
- C. Snohomish County Public Works traffic study from September 2010

Chapter 10.04
WASHINGTON MODEL TRAFFIC ORDINANCE

Sections:

- 10.04.010 Adoption.
- 10.04.015 Adoption of state traffic statutes – Infractions.
- 10.04.020 Disposition of traffic fines and forfeitures.
- 10.04.030 Official misconduct.
- 10.04.040 Copies on file.

10.04.010 Adoption.

The Washington Model Traffic Ordinance, Chapter 308-330 WAC, hereinafter referred to as the "MTO," and amendments thereto are hereby adopted by reference as and for the traffic ordinance of the city of Sultan as if set forth in full in this chapter. (Ord. 615, 1994; Ord. 596, 1993; Ord. 369 § 1, 1978)

10.04.015 Adoption of state traffic statutes – Infractions.

The following state traffic statutes and amendments thereto are hereby adopted by reference as if set forth in full:

- 46.61.050 Obedience to and required traffic control devices.
- 46.61.055 Traffic control signal legend.
- 46.61.060 Pedestrian control signals.
- 46.61.065 Flashing signals.
- 46.61.070 Lane direction control signals.
- 46.61.072 Special traffic control signals – Legend.
- 46.61.075 Display of unauthorized signs, signals or markings.
- 46.61.080 Interference with official traffic control devices or railroad signs or signals.
- 46.61.085 Traffic control signals or devices upon city streets forming part of state highways –
Approval by Department of Transportation.
- 46.61.100 Keep right except when passing, etc.
- 46.61.105 Passing vehicles proceeding in opposite directions.
- 46.61.110 Overtaking a vehicle on the left.
- 46.61.115 When overtaking on the right is permitted.
- 46.61.120 Limitations on overtaking on the left.
- 46.61.125 Further limitations on driving to left of center of roadway.
- 46.61.130 No passing zones.
- 46.61.135 One way roadways and rotary traffic islands.
- 46.61.140 Driving on roadways laned for traffic.
- 46.61.145 Following too closely.
- 46.61.150 Driving on divided highways.
- 46.61.155 Restricted access.

46.61.160 Restrictions on use of limited access highway – Use by bicyclists.
46.61.165 Reservation of portion of highway for use by public transportation vehicles, etc.
46.61.180 Vehicle approaching intersection.
46.61.185 Vehicle turning left.
46.61.190 Vehicle entering stop or yield intersection.
46.61.195 Arterial highways designated – Stopping on entering.
46.61.200 Stop intersections other than arterial may be designated.
46.61.202 Stopping when traffic obstructed.
46.61.205 Vehicle entering highway from private road or driveway.
46.61.210 Operation of vehicles on approach of authorized emergency vehicles.
46.61.215 Highway construction and maintenance.
46.61.230 Pedestrians subject to traffic regulations.
46.61.235 Stopping for pedestrians in crosswalks.
46.61.240 Crossing at other than crosswalks.
46.61.245 Drivers to exercise care.
46.61.250 Pedestrians on roadways.
46.61.255 Pedestrians soliciting rides or business.
46.61.260 Driving through safety zone prohibited.
46.61.261 Pedestrians' right-of-way on sidewalk.
46.61.264 Pedestrians yield to emergency vehicles.
46.61.266 Pedestrians under the influence of alcohol or drugs.
46.61.269 Passing beyond bridge or grade crossing barrier prohibited.
46.61.290 Required position and method of turning at intersections.
46.61.295 "U" turns.
46.61.300 Starting parked vehicle.
46.61.305 Turning, stopping, moving right or left – Signals required – Improper use prohibited.
46.61.310 Signals by hand and arm or signal lamps.
46.61.315 Method of giving hand and arm signals.
46.61.340 Obedience to signal indicating approach of train.
46.61.345 All vehicles must stop at certain railroad grade crossings.
46.61.350 Certain vehicles must stop at all railroad crossings – Exceptions.
46.61.355 Moving heavy equipment at railroad grade crossings – Notice of intended crossing.
46.61.365 Emerging from alley, driveway, or building.
46.61.370 Overtaking or meeting school bus – Duties of bus driver.
46.61.371 Violators of school bus stop sign laws – Identification by vehicle owner.
46.61.372 Violators of school bus stop sign laws – Report by bus driver – Law enforcement investigation.
46.61.375 Overtaking or meeting private carrier bus – Duties of bus driver.
46.61.380 Rules for design, marking and mode of operating school buses.
46.61.385 School patrol – Appointment – Authority – Finance – Insurance.
46.61.400 Basic rule and maximum limits.

- 46.61.405 Decreases by Secretary of Transportation.
- 46.61.410 Increases by Secretary of Transportation – Maximum speed limit for trucks – Auto stages
– Signs and notices.
- 46.61.415 When local authorities may alter maximum limits.
- 46.61.425 Minimum speed regulation – Passing slow moving vehicle.
- 46.61.427 Slow moving vehicle to pull off roadway.
- 46.61.428 Slow moving vehicle permitted to drive on improved shoulders.
- 46.61.430 Authority of Secretary of Transportation to fix speed limits on limited access facilities
exclusive – Local regulations.
- 46.61.435 Local authorities to provide "stop" or "yield" signs at intersections with increased speed
highways – Designated as arterials.
- 46.61.440 Maximum speed limit when passing school or playground crosswalks.
- 46.61.445 Due care required.
- 46.61.450 Maximum speed, weight, or size in traversing bridges, elevated structures, tunnels,
underpasses – Posting limits.
- 46.61.455 Vehicles with solid or hollow cushion tires.
- 46.61.460 Special speed limitation on motor driven cycle.
- 46.61.465 Exceeding speed limit evidence of reckless driving.
- 46.61.470 Speed traps defined, certain types permitted – Measured courses, speed measuring
devices, timing from aircraft.
- 46.61.475 Charging violations of speed regulations.
- 46.61.560 Stopping, standing or parking outside business or residence districts.
- 46.61.570 Stopping, standing or parking prohibited in specified places – Reserving portion of
highway prohibited.
- 46.61.575 Additional parking regulations.
- 46.61.577 Regulations on governing parking facilities.
- 46.61.581 Indication of parking space for disabled persons – Failure, penalty.
- 46.61.582 Free parking by disabled persons.
- 46.61.583 Special plate or card issued by another jurisdiction.
- 46.61.585 Winter recreational parking areas – Special permit required.
- 46.61.587 Winter recreational parking areas – Penalty.
- 46.61.590 Unattended motor vehicle – Removal from highway.
- 46.61.600 Unattended motor vehicle.
- 46.61.605 Limitations on backing.
- 46.61.606 Driving on sidewalk prohibited – Exception.
- 46.61.608 Operating motorcycles on roadways landed for traffic.
- 46.61.610 Riding on motorcycles.
- 46.61.611 Motorcycles – Maximum height for handlebars.
- 46.61.612 Riding on motorcycles – Both feet not to be on same side.
- 46.61.613 Motorcycles – Temporary suspension of restrictions for parades or public demonstrations.
- 46.61.614 Riding on motorcycles – Clinging to other vehicles.

- 46.61.615 Obstructions to driver's view or driving mechanism.
- 46.61.620 Opening and closing vehicle doors.
- 46.61.625 Riding in trailers.
- 46.61.630 Coasting prohibited.
- 46.61.635 Following fire apparatus prohibited.
- 46.61.640 Crossing fire hose.
- 46.61.645 Throwing dangerous materials on highway prohibited – Removal.
- 46.61.655 Dropping load, other materials – Covering.
- 46.61.660 Carrying persons or animals on outside part of vehicle.
- 46.61.665 Embracing another while driving.
- 46.61.670 Driving with wheels off roadway.
- 46.61.675 Causing or permitting vehicle to be unlawfully operated.
- 46.61.680 Lowering passenger motor vehicle below legal clearance – Penalty.
- 46.61.687 Child passenger restraint required – Conditions – Penalty for violation – Dismissal –
Noncompliance not negligence.
- 46.61.688 Safety belts, use required – Penalties – Exemptions.
- 46.61.690 Violations relating to toll facilities.
- 46.61.700 Parent or guardian shall not authorize or permit violation by a child or ward.
- 46.61.710 Mopeds – General requirements and operation.
- 46.61.720 Mopeds – Safety standards.
- 46.61.730 Wheelchair conveyances.
- 46.61.750 Effect of regulations – Penalty.
- 46.61.755 Traffic laws apply to persons riding bicycles.
- 46.61.758 Hand signals.
- 46.61.760 Riding on bicycles.
- 46.61.765 Clinging to vehicles.
- 46.61.770 Riding on roadways and bicycle paths.
- 46.61.775 Carrying articles.
- 46.61.780 Lamps and other equipment on bicycles.

(Ord. 596, 1993)

10.04.020 Disposition of traffic fines and forfeitures.

All fines or forfeitures collected upon conviction or upon the forfeiture of bail of any person charged with a violation of any of the provisions of this chapter shall be paid into the general fund of the city. (Ord. 369 § 3, 1978)

10.04.030 Official misconduct.

Failure, refusal, neglect on the part of any judicial or other officer or employee receiving or having custody of any such fine or forfeiture of bail, either before or after a deposit in said general fund, to comply with the provisions of SMC 10.04.020 constitutes misconduct in office and shall be grounds for removal therefrom;

provided, appropriate removal action is taken pursuant to state law relating to removal of public officials. (Ord. 369 § 4, 1978)

10.04.040 Copies on file.

Incident to the adoption of the MTO by reference, by this chapter, copies of the text of the adopted MTO and of other adopted statutes shall be filed as required by RCW 35.21.180 for use and examination by the public. (Ord. 369 § 5, 1978)

**Chapter 10.08
MAXIMUM SPEED LIMITS ON
CERTAIN STREETS**

Sections:

10.08.010 Designated.

10.08.010 Designated.

It is declared that upon the basis of an engineering and traffic investigation, that the reasonable and safe maximum speed limit shall be as hereafter set forth on those streets or parts of streets designated in this section at all times when signs are erected giving notice thereof:

Street Location	Speed Limit
SR From 0.15 miles west of junction 299th 2 Ave. S.E. (WCL Sultan) (SR 2 milepost 21.42) to 0.23 miles east of Sultan Mill Pond Bridge, EPS, SR 2 milepost 23.32	35 mph
SR From 0.23 miles east of Sultan Mill 2 Pond Bridge, EPS, SR 2 milepost 23.32 to the junction with 339th Ave. S.E./Rice Road (ECL Sultan) (SR 2 milepost 24.18)	50 mph

RCW 46.61.400

Basic rule and maximum limits.

(1) No person shall drive a vehicle on a highway at a speed greater than is reasonable and prudent under the conditions and having regard to the actual and potential hazards then existing. In every event speed shall be so controlled as may be necessary to avoid colliding with any person, vehicle or other conveyance on or entering the highway in compliance with legal requirements and the duty of all persons to use due care.

(2) Except when a special hazard exists that requires lower speed for compliance with subsection (1) of this section, the limits specified in this section or established as hereinafter authorized shall be maximum lawful speeds, and no person shall drive a vehicle on a highway at a speed in excess of such maximum limits.

(a) Twenty-five miles per hour on city and town streets;

(b) Fifty miles per hour on county roads;

(c) Sixty miles per hour on state highways.

The maximum speed limits set forth in this section may be altered as authorized in RCW 46.61.405, 46.61.410, and 46.61.415.

(3) The driver of every vehicle shall, consistent with the requirements of subsection (1) of this section, drive at an appropriate reduced speed when approaching and crossing an intersection or railway grade crossing, when approaching and going around a curve, when approaching a hill crest, when traveling upon any narrow or winding roadway, and when special hazard exists with respect to pedestrians or other traffic or by reason of weather or highway conditions.

RCW 46.61.415

When local authorities may alter maximum limits.

(1) Whenever local authorities in their respective jurisdictions determine on the basis of an engineering and traffic investigation that the maximum speed permitted under RCW 46.61.400 or 46.61.440 is greater or less than is reasonable and safe under the conditions found to exist upon a highway or part of a highway, the local authority may determine and declare a reasonable and safe maximum limit thereon which

(a) Decreases the limit at intersections; or

(b) Increases the limit but not to more than sixty miles per hour; or

(c) Decreases the limit but not to less than twenty miles per hour.

(2) Local authorities in their respective jurisdictions shall determine by an engineering and traffic investigation the proper maximum speed for all arterial streets and shall declare a reasonable and safe maximum limit thereon which may be greater or less than the maximum speed permitted under RCW 46.61.400(2) but shall not exceed sixty miles per hour.

(3) The secretary of transportation is authorized to establish speed limits on county roads and city and town streets as shall be necessary to conform with any federal requirements which are a prescribed condition for the allocation of federal funds to the state.

(4) Any altered limit established as hereinbefore authorized shall be effective when appropriate signs giving notice thereof are erected. Such maximum speed limit may be declared to be effective at all times or at such times as are indicated upon such signs; and differing limits may be established for different times of day, different types of vehicles, varying weather conditions, and other factors bearing on safe speeds, which shall be effective when posted upon appropriate fixed or variable signs.

(5) Any alteration of maximum limits on state highways within incorporated cities or towns by local authorities shall not be effective until such alteration has been approved by the secretary of transportation.

RCW 46.61.440

Maximum speed limit when passing school or playground crosswalks — Penalty, disposition of proceeds.

(1) Subject to RCW 46.61.400(1), and except in those instances where a lower maximum lawful speed is provided by this chapter or otherwise, it shall be unlawful for the operator of any vehicle to operate the same at a speed in excess of twenty miles per hour when operating any vehicle upon a highway either inside or outside an incorporated city or town when passing any marked school or playground crosswalk when such marked crosswalk is fully posted with standard school speed limit signs or standard playground speed limit signs. The speed zone at the crosswalk shall extend three hundred feet in either direction from the marked crosswalk.

(2) A county or incorporated city or town may create a school or playground speed zone on a highway bordering a marked school or playground, in which zone it is unlawful for a person to operate a vehicle at a speed in excess of twenty miles per hour. The school or playground speed zone may extend three hundred feet from the border of the school or playground property; however, the speed zone may only include area consistent with active school or playground use.

(3) A person found to have committed any infraction relating to speed restrictions within a school or playground speed zone shall be assessed a monetary penalty equal to twice the penalty assessed under RCW 46.63.110. This penalty may not be waived, reduced, or suspended.

(4) School districts may erect signs that comply with the uniform state standards adopted and designated by the department of transportation under RCW 47.36.030, informing motorists of the increased monetary penalties assessed for violations of RCW 46.61.235, 46.61.245, or 46.61.261 within a school, playground, or crosswalk speed zone created under subsection (1) or (2) of this section.

(5) The school zone safety account is created in the custody of the state treasurer. Fifty percent of the moneys collected under subsection (3) of this section and the moneys collected under RCW 46.61.235(5), 46.61.245(2), or 46.61.261(2) shall be deposited into the account. Expenditures from the account may be used only by the Washington traffic safety commission solely to fund projects in local communities to improve school zone safety, pupil transportation safety, and student safety in school bus loading and unloading areas. Only the director of the traffic safety commission or the director's designee may authorize expenditures from the account. The account is subject to allotment procedures under chapter 43.88 RCW, but no appropriation is required for expenditures until July 1, 1999, after which date moneys in the account may be spent only after appropriation.

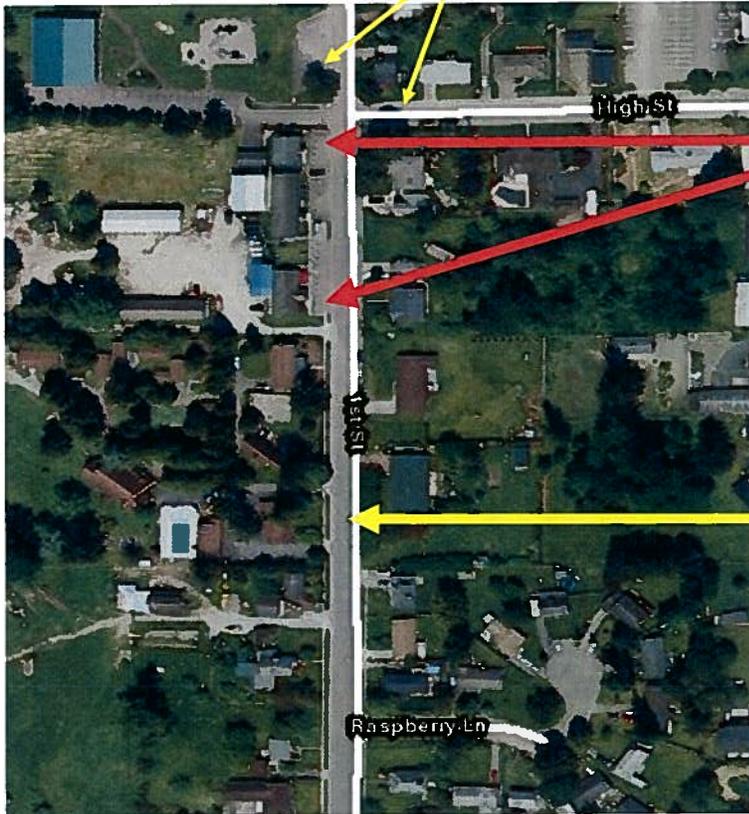
[Stop sign on East Main, at 11th Street, for westbound traffic



Stop sign on 11th Street at East Main for traffic coming from U/S 2

1100 block East Main Street

Install warning sign



700 block 1st Street. Sultan Boys & Girls Club, Sultan Food Bank, Volunteers of America

Install warning sign

ATTACHMENT C 1

Snohomish Traffic Operations
3000 Rockefeller Admin 5-W
Everett WA 98201

Site: SULTAN
 Date: 9/19/2010
 Sunday

Title1: 1ST STREET SW/O WILLOW
 Title2: VDSC-7-MIXED
 Title3: CITY OF SULTAN

24 Hour Speed
 Channel: N/B

mph	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
12:00 AM	12	0	0	3	7	2	0	0	0	0	0	0	0	0
1:00 AM	8	0	1	1	2	2	0	0	0	0	0	0	0	0
2:00 AM	6	0	1	2	2	1	0	0	0	0	0	0	0	0
3:00 AM	4	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 AM	1	0	0	1	0	0	0	0	0	0	0	0	0	0
7:00 AM	4	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	10	0	0	5	4	1	0	0	0	0	0	0	0	0
9:00 AM	17	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM	30	0	1	4	19	6	0	0	0	0	0	0	0	0
11:00 AM	47	0	1	10	28	7	0	0	0	0	0	0	0	0
12:00 PM	46	0	2	12	25	7	0	0	0	0	0	0	0	0
1:00 PM	87	0	2	14	38	2	0	0	0	0	0	0	0	0
2:00 PM	50	0	4	9	32	5	0	0	0	0	0	0	0	0
3:00 PM	41	0	3	13	20	4	0	0	0	0	0	0	0	0
4:00 PM	46	0	2	11	25	8	0	0	0	0	0	0	0	0
5:00 PM	94	0	2	4	27	4	0	0	0	0	0	0	0	0
6:00 PM	45	0	1	11	30	3	0	0	0	0	0	0	0	0
7:00 PM	43	0	1	14	28	0	0	0	0	0	0	0	0	0
8:00 PM	23	0	2	6	11	3	1	0	0	0	0	0	0	0
9:00 PM	4	0	0	1	1	2	0	0	0	0	0	0	0	0
10:00 PM	14	0	2	4	2	0	1	0	0	0	0	0	0	0
11:00 PM	3	0	2	0	0	0	0	0	0	0	0	0	0	0
Total	540	0.0	26	151	294	66	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%			4.8	28.0	54.4	12.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Percentile Speeds (mph)
 10% 22.2
 50% 25.0
 85% 29.6
 90% 30.0

10 mph Pace Speed Number in Pace
 Average 21.6 - 31.6
 Minimum 482 (89.3 %)
 Maximum 26.2 mph
 15.4 mph
 35.8 mph

Speeds Exceeded
 55 mph 0.0 %
 65 mph 0.0 %
 Count 0

Snohomish Traffic Operations
3000 Rockefeller Admin 5-W
Everett WA 98201

Site: SULTAN
 Date: 9/20/2010
 Monday

Title1: 1ST STREET SW/O WILLOW
 Title2: VDSC-7-MIXED
 Title3: CITY OF SULTAN

24 Hour Speed
 Channel: N/B

mph	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
Total	7	0	2	2	3	0	0	0	0	0	0	0	0
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 AM	7	0	4	3	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	15	0	5	10	0	0	0	0	0	0	0	0	0
9:00 AM	17	0	1	0	0	0	0	0	0	0	0	0	0
10:00 AM	15	0	1	7	5	2	0	0	0	0	0	0	0
11:00 AM	26	0	12	15	1	1	0	0	0	0	0	0	0
12:00 PM	25	0	4	18	3	0	0	0	0	0	0	0	0
1:00 PM	54	0	24	24	5	1	0	0	0	0	0	0	0
2:00 PM	52	0	21	26	3	0	0	0	0	0	0	0	0
3:00 PM	80	1	0	22	48	9	0	0	0	0	0	0	0
4:00 PM	66	0	0	24	52	9	0	0	0	0	0	0	0
5:00 PM	66	0	0	21	42	3	0	0	0	0	0	0	0
6:00 PM	45	0	2	16	22	4	0	0	0	0	0	0	0
7:00 PM	35	0	2	12	10	4	1	0	0	0	0	0	0
8:00 PM	21	0	0	6	10	2	0	0	0	0	0	0	0
9:00 PM	12	0	0	1	5	2	0	0	0	0	0	0	0
10:00 PM	3	0	0	2	0	0	0	0	0	0	0	0	0
11:00 PM	2	14	210	333	62	8	0	0	0	0	0	0	0
Total	629	0.3	2.2	33.4	62.9	9.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0

PROBATION

Percentile Speeds
 (mph)
 10.0% 21.9
 50.0% 22.7
 90.0% 30.0

Average
 Minimum 20.7 - 30.7
 Maximum 29.1

Speeds Exceeded
 55 mph 0.0 %
 65 mph 0.0 %
 Count 0

ATTACHMENT C3

Snohomish County Traffic Operations
 3000 Rockefeller Admin 5-W
 Everett WA 98201

Title1: 1ST STREET SW/O WILLOW
 Title2: VDSC-7-MIXED
 Title3: CITY OF SULTAN

Site: SULTAN
 Date: 9/14/2010
 Tuesday

24 Hour Speed
 Channel: N/B

mph	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
12:00 AM	7	0	0	1	3	2	1	0	0	0	0	0	0	0
1:00 AM	5	0	0	1	1	1	0	0	0	0	0	0	0	0
2:00 AM	3	0	0	1	2	0	0	0	0	0	0	0	0	0
3:00 AM	3	0	0	0	2	0	0	0	0	0	0	0	0	0
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	5	0	0	2	3	0	0	0	0	0	0	0	0	0
6:00 AM	7	0	1	2	4	0	0	0	0	0	0	0	0	0
7:00 AM	21	0	1	10	7	3	0	0	0	0	0	0	0	0
8:00 AM	13	0	1	5	6	1	0	0	0	0	0	0	0	0
9:00 AM	32	0	0	7	13	4	0	0	0	0	0	0	0	0
10:00 AM	25	0	1	6	13	5	0	0	0	0	0	0	0	0
11:00 AM	30	0	2	12	15	1	0	0	0	0	0	0	0	0
12:00 PM	27	0	0	10	13	4	0	0	0	0	0	0	0	0
1:00 PM	53	0	0	17	16	6	0	0	0	0	0	0	0	0
2:00 PM	43	0	2	13	22	6	0	0	0	0	0	0	0	0
3:00 PM	72	0	2	18	38	8	0	0	0	0	0	0	0	0
4:00 PM	76	0	1	30	39	6	0	0	0	0	0	0	0	0
5:00 PM	74	0	2	18	34	6	2	0	0	0	0	0	0	0
6:00 PM	85	0	0	29	44	10	2	0	0	0	0	0	0	0
7:00 PM	54	0	2	27	27	7	1	0	0	0	0	0	0	0
8:00 PM	23	0	0	13	8	1	0	0	0	0	0	0	0	0
9:00 PM	32	0	1	11	14	4	1	0	0	0	0	0	0	0
10:00 PM	21	0	0	6	10	4	1	0	0	0	0	0	0	0
11:00 PM	7	0	0	5	1	1	0	0	0	0	0	0	0	0
Total	671	0.0	16	247	322	76	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%			2.4	36.9	48.0	11.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Percentile Speeds (mph)

10.0% 21.9
 15.0% 25.9
 50.0% 29.6
 85.0% 29.6
 90.0% 30.0

10 mph Pace Speed Number in Pace

20.7 - 30.7
 93 (88.4%)
 Average Minimum Maximum
 26.1 mph
 16.3 mph
 38.8 mph

Speeds Exceeded

55 mph 65 mph
 0.0% 0.0%
 0 0

Count

ATTACHMENT CA

Snohomish Traffic Operations
3000 Rockefeller Admin 5-W
Everett WA 98201

Site: SULTAN
 Date: 9/15/2010
 Wednesday

Title1: 1ST STREET SW/O WILLOW
 Title2: VDSC-7-MIXED
 Title3: CITY OF SULTAN

24 Hour Speed
 Channel: N/B

mph	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
12:00 AM	6	0	0	3	2	1	0	0	0	0	0	0	0	0
1:00 AM	4	0	0	1	1	1	0	0	0	0	0	0	0	0
2:00 AM	6	0	0	1	5	0	0	0	0	0	0	0	0	0
3:00 AM	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	3	0	0	2	1	0	0	0	0	0	0	0	0	0
6:00 AM	5	0	0	4	1	0	0	0	0	0	0	0	0	0
7:00 AM	24	0	0	6	14	0	0	0	0	0	0	0	0	0
8:00 AM	21	0	3	5	12	1	0	0	0	0	0	0	0	0
9:00 AM	33	0	1	7	14	1	0	0	0	0	0	0	0	0
10:00 AM	34	0	0	18	14	2	0	0	0	0	0	0	0	0
11:00 AM	23	0	0	6	9	0	0	0	0	0	0	0	0	0
12:00 PM	35	0	3	11	19	2	0	0	0	0	0	0	0	0
1:00 PM	29	0	0	8	10	0	0	0	0	0	0	0	0	0
2:00 PM	51	1	1	18	21	9	1	0	0	0	0	0	0	0
3:00 PM	50	0	0	13	24	1	0	0	0	0	0	0	0	0
4:00 PM	63	1	0	21	31	9	1	0	0	0	0	0	0	0
5:00 PM	65	0	0	24	30	0	0	0	0	0	0	0	0	0
6:00 PM	76	0	0	24	46	1	0	0	0	0	0	0	0	0
7:00 PM	57	0	1	24	36	0	0	0	0	0	0	0	0	0
8:00 PM	28	0	1	11	15	1	0	0	0	0	0	0	0	0
9:00 PM	31	0	0	14	13	0	0	0	0	0	0	0	0	0
10:00 PM	17	0	2	7	5	3	0	0	0	0	0	0	0	0
11:00 PM	9	0	1	4	1	0	0	0	0	0	0	0	0	0
Total	669	0.3	24	240	329	69	5	0.7	0.0	0.0	0.0	0.0	0.0	0.0

PREPARED BY

Percentile Speeds (mph)
 10.0% 21.4
 50.0% 25.5
 85.0% 29.1
 90.0% 30.0

10 mph Pace Speed Number in Pace
 20.7 - 30.7
 591 (88.3%)

Speeds Exceeded
 55 mph 0.0%
 65 mph 0.0%
 Count 0

Average Minimum Maximum
 25.7 mph
 14.2 mph
 38.8 mph

Snohomish Traffic Operations
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Everett WA 98201

Title1: 1ST STREET SW/O WILLOW
 Title2: VDSC-7-MIXED
 Title3: CITY OF SULTAN

Site: SULTAN
 Date: 9/16/2010
 Thursday

24 Hour Speed
 Channel: N/B

mph	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
12:00 AM	9	0	0	3	6	0	0	0	0	0	0	0	0	0
1:00 AM	4	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	2	0	1	1	0	0	0	0	0	0	0	0	0	0
3:00 AM	2	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	1	0	0	0	0	1	0	0	0	0	0	0	0	0
5:00 AM	7	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 AM	6	0	0	1	4	1	0	0	0	0	0	0	0	0
7:00 AM	21	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	17	0	0	6	9	2	0	0	0	0	0	0	0	0
9:00 AM	21	0	0	6	10	1	0	0	0	0	0	0	0	0
10:00 AM	29	1	2	16	10	0	0	0	0	0	0	0	0	0
11:00 AM	28	0	0	10	10	0	0	0	0	0	0	0	0	0
12:00 PM	28	0	2	12	10	3	1	0	0	0	0	0	0	0
1:00 PM	27	0	0	16	11	2	0	0	0	0	0	0	0	0
2:00 PM	47	0	3	18	21	5	0	0	0	0	0	0	0	0
3:00 PM	45	0	0	15	20	3	0	0	0	0	0	0	0	0
4:00 PM	74	0	0	24	42	8	0	0	0	0	0	0	0	0
5:00 PM	58	0	2	18	30	7	0	0	0	0	0	0	0	0
6:00 PM	76	0	1	26	41	6	0	0	0	0	0	0	0	0
7:00 PM	53	0	0	16	25	4	0	0	0	0	0	0	0	0
8:00 PM	40	0	0	18	18	4	0	0	0	0	0	0	0	0
9:00 PM	23	0	0	10	11	2	0	0	0	0	0	0	0	0
10:00 PM	12	0	0	2	5	2	1	0	0	0	0	0	0	0
11:00 PM	18	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	656	2	22	238	320	71	3	0	0	0	0	0	0	0
%		0.3	3.4	36.3	48.8	10.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PREPARED BY

Percentile Speeds
 (mph)
 10. % 21.5
 50. % 25.9
 90. % 30.0

10 mph Pace Speed
 Number in Pace
 20.7 - 30.7
 577 (88.0 %)
 Average Minimum Maximum
 25.8 mph
 12.0 mph
 38.8 mph

Speeds Exceeded
 Count
 55 mph 0
 65 mph 0
 75 mph 0

Snohomish Traffic Operations
 3000 Rockefeller Admin 5-W
 Everett WA 98201

Site: SULTAN
 Date: 9/17/2010
 Friday

Title1: 1ST STREET SW/O WILLOW
 Title2: VDSC-7-MIXED
 Title3: CITY OF SULTAN

24 Hour Speed
 Channel: N/B

mph	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
12:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	4	0	1	2	0	1	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	2	0	0	1	0	1	0	0	0	0	0	0	0
5:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	0
6:00 AM	9	0	6	3	0	0	0	0	0	0	0	0	0
7:00 AM	21	0	9	9	0	0	0	0	0	0	0	0	0
8:00 AM	20	3	20	13	3	1	0	0	0	0	0	0	0
9:00 AM	42	4	16	21	1	0	0	0	0	0	0	0	0
10:00 AM	41	1	19	17	4	0	0	0	0	0	0	0	0
11:00 AM	50	3	21	17	7	2	0	0	0	0	0	0	0
12:00 PM	42	0	24	25	4	0	0	0	0	0	0	0	0
1:00 PM	56	0	21	29	5	0	0	0	0	0	0	0	0
2:00 PM	61	0	20	36	4	1	0	0	0	0	0	0	0
3:00 PM	81	0	24	46	8	0	0	0	0	0	0	0	0
4:00 PM	84	0	19	40	9	0	0	0	0	0	0	0	0
5:00 PM	73	0	25	41	6	0	0	0	0	0	0	0	0
6:00 PM	46	0	33	49	4	0	0	0	0	0	0	0	0
7:00 PM	33	0	14	18	1	0	0	0	0	0	0	0	0
8:00 PM	37	0	15	20	2	0	0	0	0	0	0	0	0
9:00 PM	20	0	10	8	2	0	0	0	0	0	0	0	0
10:00 PM	28	0	8	17	0	0	0	0	0	0	0	0	0
Total	791	0.0	2.9	30.5	39.6	60	0.8	0.0	0.1	0.0	0.0	0.0	0.0
%													

PROBATION

Percentile Speeds (mph)
 10.0% 21.8
 50.0% 22.7
 90.0% 29.6

Average Minimum Maximum
 20.7 - 30.7 (90.5%)
 25.5 28.6 29.6
 25.8 mph
 15.0 mph
 47.7 mph

Speeds Exceeded
 55 mph 0.0%
 65 mph 0.0%
 Count 0

Snohomish Traffic Operations
3000 Rockefeller Admin 5-W
Everett WA 98201

Title1: 1ST STREET SW/O WILLOW
 Title2: VDSC-7-MIXED
 Title3: CITY OF SULTAN

Site: SULTAN
 Date: 9/18/2010
 Saturday

24 Hour Speed
 Channel: N/B

mph	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
12:00 AM	0	0	5	6	2	0	0	0	0	0	0	0	0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	0	0	4	0	2	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	0	0	0	2	0	0	0	0	0	0	0	0	0
5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 AM	0	0	1	2	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	4	3	2	0	0	0	0	0	0	0	0
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM	0	2	16	18	3	1	0	0	0	0	0	0	0
11:00 AM	0	2	19	22	4	0	0	0	0	0	0	0	0
12:00 PM	0	1	25	23	12	0	0	0	0	0	0	0	0
1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 PM	0	0	19	29	7	0	0	0	0	0	0	0	0
3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	1	16	32	5	1	0	0	0	0	0	0	0
5:00 PM	0	1	21	24	7	0	0	0	0	0	0	0	0
6:00 PM	0	0	16	22	0	1	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 PM	0	0	14	12	0	0	0	0	0	0	0	0	0
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 PM	0	0	11	15	0	0	0	0	0	0	0	0	0
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0.0	18	240	332	59	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%		2.8	36.8	50.9	9.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PREPARED BY

Percentile Speeds
 (mph)
 10 % 22.7
 50 % 25.9
 85 % 29.1
 90 % 29.6

10 mph Pace Speed
 Number in Pace
 20.7 - 30.7
 590 (90.5 %)

Speeds Exceeded
 55 mph 0.0 %
 65 mph 0.0 %
 Count 0

Average
 Minimum 15.1 mph
 Maximum 38.8 mph