



# CITY OF SNOHOMISH

*Founded 1859, Incorporated 1890*

116 UNION AVENUE □ SNOHOMISH, WASHINGTON 98290 □ TEL (360) 568-3115 FAX (360) 568-1375

## **CITY OF SNOHOMISH SNOW & ICE RESPONSE PLAN Public**

This Snow and Ice Response Plan has been prepared for the purpose of communicating the designated roadways, in priority order, that will receive snow plowing and sanding services during winter snow and ice events. This Plan also describes sections of roadways that will be closed during winter snow and ice events, and provides a description of plowing and sanding services that will be employed by Public Works. This Plan includes the methods by which roadways will be monitored and Public Works will be alerted to adverse conditions.

This Plan further describes the protocol for Police/Sheriff, Fire, and other departments or agencies to communicate with Public Works Operations when winter snow and ice events or emergencies require action by Public Works personnel.

### **COMMUNICATION**

The Public Works Department will try to anticipate up and coming bad weather conditions but will depend on the Police/Sheriff Department to help assess the weather and roadway conditions and initiate action outside of normal working hours (M-F, 7:00 am to 3:30 pm). The on-duty Standby employee will be responsible for making a city wide assessment after receiving a call. Standby may also initiate sanding/plowing operations at their discretion when necessary.

The Street Department - Senior Maintenance Worker (Lead) can, at his/her judgment, initiate sanding/plowing operations independent of a call from the Police/Sheriff Department or Public Works Management.

The Street Department Lead will be available for callout in severe winter weather events. The Street Department Lead or one of the Public Works Managers may schedule additional personnel to respond when extra help is needed.

When unforeseen severe winter weather events occur and urgent sanding/plowing is necessary, the Street Department Lead shall initiate a rapid response within 1 hour of such an event.

Outside normal working hours, the Police/Sheriff Department will communicate with Operations and Standby using the after-hours answering service. This will ensure a record of all calls is logged as well as making sure the Standby personnel receive the proper message via the standby phone.

Police/Sheriff and Fire may call on Public Works and Standby if emergency access is needed to an area not yet sanded and/or plowed. These calls shall be treated as an immediate priority by Operations personnel.

## **CORE COMMUNICATION GROUP**

Daily status updates via email will be sent during winter weather events requiring sanding, plowing or anti-icing operations. In emergency situations, the Core Group will be apprised of the situation immediately, and be kept updated until the situation is resolved. The Core Group is defined as:

City Manager  
Public Works Director  
Police/Sheriff Department  
Fire Department  
Public Works Operations Management  
City Hall Front Counter Personnel  
Historic Downtown Snohomish  
Snohomish Chamber of Commerce

Snow and ice removal contractor for Historic Downtown Snohomish: Unknown at this time.

## **OPERATIONS**

### **Available Equipment**

The City of Snohomish owns the following equipment which is available for snow plowing and sanding services. Snow plowing and sanding equipment is prepared for operation by Street Department personnel and is maintained by the City's Fleet Department.

Equipment - *plowing and sanding*:

- 2 - Dump Truck – 5 yd
- 1 - Drop-in Sander – 4 yd
- 1 – Drop-in Sander – 2 yd
- 2 - Snow Plow – 10' blade

*The addition of the second snow plow will better equip staff for unexpected breakdowns and heavy snow removal.*

Traffic & Safety signage – miscellaneous signs and barricades

Plowing and sanding equipment will be used to perform plowing and sanding operations on Priority 1 Routes. Depending on weather conditions, plowing and sanding equipment may be used to perform plowing and sanding on Priority 2 Routes, but only after Priority 1 Routes have been taken care of.

It is anticipated that in most snow and ice conditions Priority 3 Routes (all other roads not designated Priority 1 or 2) will not receive plowing or sanding services until all other routes have been cleared.

**Available Materials**

City of Snohomish Public Works Operations maintains a stock of materials for snow plowing and sanding operations. The following materials are kept in stock at the City Shop facility located at 1801 First Street, Snohomish, WA 98290. Minimum quantities are maintained as indicated below.

**Sand** - 400 tons

**Salt** - 40 tons to be mixed with sand at a 1 (salt) to 5 (sand) rate.

**Snow Plow Blade** – 3 with rubber cutting edge - 2 mounted, one spare

**Anti-Icing**            Equipment and materials owned and stored by Snohomish County. Service is provided via a standby request and will only be performed when the County is passing through Snohomish to perform its own anti-icing activities.

**Trained and Qualified Personnel**

City of Snohomish personnel have been trained in snow plowing and sanding operations and are available to perform these services. Several employees have received this training and routinely participate in snow plowing and sanding events. Three of the employees are from the Street Department and the remaining employees are from the Parks/Facilities, Water, and Wastewater/Collection/Stormwater Departments.

In extreme weather conditions other employees who possess a CDL driver license may be called upon to train and participate in snow plowing and sanding activities.

**Snow Plowing**

Plowing operations shall commence when snow accumulation has reached 2 inches, or sooner according to the judgment of the Street Department Lead. Priority routes have been established and shall be adhered to unless Public Works is contacted by Police/Sheriff or Fire and notified of an emergency priority location. Plowing operations are limited by equipment availability. It is therefore imperative that priority route procedures are adhered to by all plow operators.

During extreme weather events, it may not be possible to reach Priority 2 & 3 areas for some time. The focus will be kept on the Priority 1 routes during these situations so that Police/Sheriff, Fire, and basic services can be provided to those in need.

**Sanding**

Sanding operations begin when unsafe conditions exist, primarily on hills, sharp corners and intersections. Sanding operations may be initiated by a request from Police/Sheriff, Fire, Public Works Management, or at the judgment of the Street Department Lead.

Known problem areas shall be addressed on a regular basis during hazardous conditions and/or severe weather.

Sand and salt will also be applied during snow events following and/or concurrent to snow plowing.

**Application of Anti-Icing Agents**

Arrangements have been made with Snohomish County Public Works to apply anti-icing agents on the surface of pre-designated City roadways and bridges when icy conditions have been forecast. Snohomish County Public Works will apply anti-icing agents for the City of Snohomish when the County is applying anti-icing to County roadways adjacent to City limits. This service is contingent upon the availability of Snohomish County personnel. Requests for anti-icing application are facilitated through the Street Department Lead.

**AREAS OF PRIORITY**

**Areas of Road Closure (hills)**

Steep hills are considered extremely dangerous during snow and ice conditions and are automatically closed.

*The following hills shall be designated as areas of automatic closure during periods of severe winter weather:*

5 <sup>th</sup> Street	(Avenue A to Avenue B)
Union Avenue	(2 <sup>nd</sup> Street to 3 <sup>rd</sup> Street)
10 <sup>th</sup> Street	(Pine Avenue to Maple Avenue)
5 <sup>th</sup> street	(Cedar Avenue to Maple Avenue)

**Priority 1 Routes**

Main arterials are considered to be the minimum network which must be kept open to provide a transportation system connecting hospitals, fire stations, police stations and emergency rescue units. The attached map designates priority routes.

*The following streets shall be designated as Priority 1 for snow and ice removal & sanding operations:*

1 <sup>st</sup> Street	(2 <sup>nd</sup> Street to Lincoln)
2 <sup>nd</sup> Street	(Covington Court to Pilchuck River)
4 <sup>th</sup> Street	(Avenue D to Maple Avenue)
10 <sup>th</sup> Street	(Avenue D to Pine Avenue)
13 <sup>th</sup> Street	(Avenue D to Pine Avenue)
Avenue D	(14 <sup>th</sup> Street to 1 <sup>st</sup> Street)
Bickford Avenue	(City Limits to 14 <sup>th</sup> Street)
Weaver Road	(Bickford Avenue
Ludwig Road	to 2 <sup>nd</sup> Street)
Maple Avenue	(2 <sup>nd</sup> Street to City Limits)

Pine Street (Maple Avenue to 10<sup>th</sup> Street)  
Union Avenue (1<sup>st</sup> Street to 2<sup>nd</sup> Street)  
30<sup>th</sup> (56<sup>th</sup>) Street (Bickford Avenue to Hwy 9)

The Street Department Lead, Public Works Management, or the Police/Sheriff Department may initiate a road closure in these locations or any other location that is deemed unsafe for vehicular travel.

### **Priority 2 Routes**

The following streets provide significant secondary access routes for emergency responders and community travel and shall be designated as Priority 2.

Avenue A (2<sup>nd</sup> Street to 13<sup>th</sup> Street)  
Park Avenue (13<sup>th</sup> Street to Rainbow Place)  
Lincoln Avenue (City limits to 1<sup>st</sup> Street)  
Pine Avenue (2<sup>nd</sup> Street to 16<sup>th</sup> Street)  
4<sup>th</sup> Street (Maple Avenue to Pine Avenue)

### **Priority 3**

Residential streets and all other local roads not listed as Priority 1 or 2 shall be designated as Priority 3.

## **GENERAL CONSIDERATIONS**

Conditions warranting a police/Sheriff call to Public Works or the Answering Service include:

- 2 or more inches of snow accumulation
- Observed ice build-up on the roadway
- Hazardous driving conditions

When calling the Answering Service, please include the following information:

- Problem needing attention
- Location of problem area
- Name and return number for confirmation call

## **EMERGENCY PHONE NUMBERS**

Please use the following numbers to contact Operations and/or Standby. When calling after hours please call the **ANSWERING SERVICE** first.

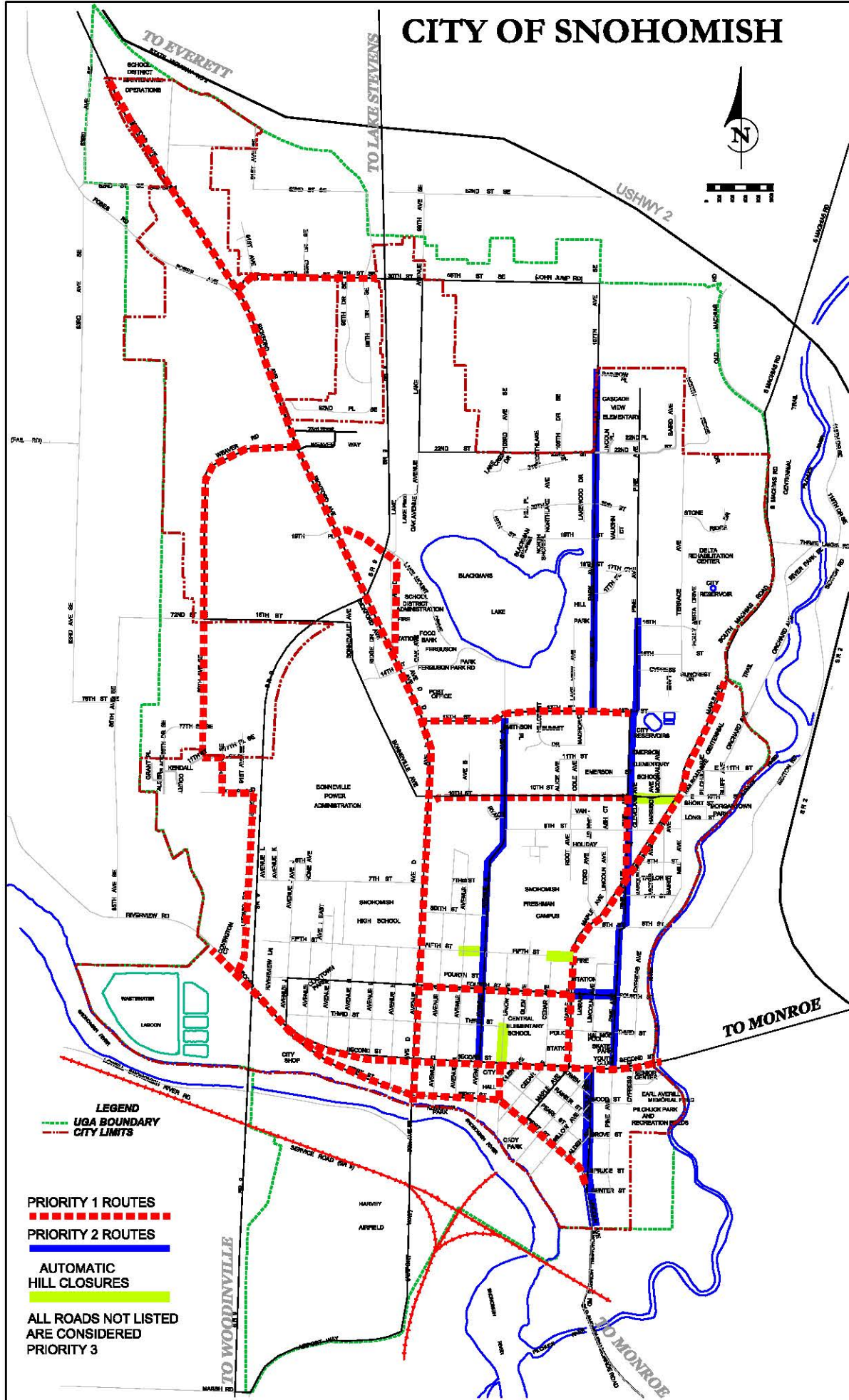
### **City Hall (M-F, 9:00 a.m. – 5:00 p.m.)**

(360) 568-3115

### **Standby (Answering Service) – 24 hours**

(360) 563-2012

# CITY OF SNOHOMISH



- LEGEND**
- UGA BOUNDARY
  - CITY LIMITS
  - PRIORITY 1 ROUTES
  - PRIORITY 2 ROUTES
  - AUTOMATIC HILL CLOSURES
  - ALL ROADS NOT LISTED ARE CONSIDERED PRIORITY 3

## CURRENT SNOW PLOW ROUTES MAP