Council Meeting: 04/16/2019 Agenda: Study Session

Item #: 3. a.



MEMORANDUM

To: Kurt Triplett, City Manager

Ray Steiger, P.E., Superintendent From:

Kellie Stickney, Communications Program Manager

Kathy Brown, Public Works Director James Lopez, Assistant City Manager

April 5, 2019 Date:

FEBRUARY 2019 SNOW/ICE STORM AFTER ACTION REPORT Subject:

RECOMMENDATION:

City Council receives a briefing summarizing the City's response to the recent snow/ice and tree damage events. Too much happened during the event to effectively cover in one study session. Additionally, there are many potential areas of Council interest and staff was not sure what level of detail to provide for various topics. Therefore, this briefing is Part 1 of a two-part presentation to City Council. It is intended to be an overview of what happened, how the City responded, and an initial list of successes, gaps, and policy issues identified. Staff will be seeking questions and comments from the Council and direction on what other information the Council is interested in receiving. Following the April 16 study session, staff will then seek additional community input on the City's snow response and areas for improvement.

Staff will return with Part 2 with a final report later this spring once policy considerations are fully developed, level of service options are identified, and costs are estimated.

BACKGROUND AND DISCUSSION:

In February 2019, a series of extraordinary weather events occurred in our region. An unusually long cold weather streak, coupled with significant precipitation, resulted in an event dubbed "Snowmaggedon" by the local media. The extended cold weather and series of storms resulted in the highest accumulation of snow and ice in decades. This memo, together with a Council Study Session planned for April 16, 2019, reviews the City of Kirkland response to the event and highlights potential areas for continued improvement or policy change. Although this particular event was, in many ways, unique, the goal is to apply lessons learned to future events.

The response effort was multi-departmental, involving all City departments in some way. This memo focuses particularly on the roles, responsibilities, and policies of the Public Works Department, the Parks Department, and the City Manager's Office. These are the three entities that were most involved in policy and operations around the snow and ice event. While the memo focuses on these three areas, it is important to acknowledge the critical role played by others,

particularly the Office of Emergency Management, the Fire Department, and the Police Department.

The role of each department is outlined below:

• Public Works:

The most recognized work performed by the Public Works Department is the direct service work to keep roadways drivable: snow plowing, sanding, ice control and tree removal. These efforts are guided by the "City of Kirkland Snow and Ice Response Plan (the Plan)" which is included at Attachment A. What is less readily apparent to the public are the support efforts required to keep these operations running and the "ripple effect" emergencies that often accompany unusually protracted or intense snowstorms.

Below is a list of first-responder support groups in Public Works, without whom the direct service work would not be possible:

- Fleet staff, who keep equipment repaired, chained, and ready to go for all first-responders in all City departments.
- Administrative staff, who take hundreds of calls from community members, triaging high-priority emergency response situations from simple service requests.
 Administrative staff are also responsible for documenting conditions, tracking service requests, and putting out road closure notifications.
- Maintenance Center Superintendent, Managers, and Supervisors, who work around the clock, often for days (or in case, for weeks) on end, scheduling crews, directing operations, preparing reports, doing their part in the Emergency Operations Center (EOC), and preparing communication materials for the EOC, City Manager's Office, and Council.

"Ripple Effect Events" vary greatly from storm to storm. In the case of the 2019 "Snowmaggedon" event, Public Works staff responded to the following ripple effects:

- A secondary emergency response, involving downed trees, required a separate but coordinated – emergency response effort. A Public Works-directed tree crew was formed through interdepartmental cooperation between the Parks and Public Works departments to address over 150 sites where downed trees or branches were reported in the right-of-way.
- Solid Waste services were disrupted for an extended period. Public Works Solid Waste staff worked diligently to prepare information and outreach materials for the community, to respond to site-specific issues, and to set up drop-off sites where the community could drop off waste materials to be hauled out by Solid Waste.
- As is the case in any severe snowstorm, there is a risk of urban flooding as snow and ice melts and rain comes. If not quickly cleared, snow and ice can block and choke the storm system, causing serious roadway flooding conditions. Additionally, sand placed on streets can plug the storm system, and accumulated sand in the system can impede drainage flows. The City's Storm and Streets crews were dispatched on a continued emergency basis, shifting from snow and ice control and tree response to sweeping and storm system cleaning.

• Parks and Community Services (PCS):

Parks operations staff performed most of the department response during the storms. Staff worked around the clock for five days on plowing, deicing, shoveling, tree removal, and support to other departments. Parks staff are primarily responsible for keeping the Kirkland Justice Center (KJC), Fire Stations, City Hall, and other public buildings clear and passable. However, due to the magnitude of the event, parks operations staff also assisted with road clearing, including plowing in front of a Fire vehicle on Champagne Point to allow emergency personnel to respond to a 911 call. PCS Teamsters were dispatched alongside Public Works crews to clear priority City streets and clear trees and downed limbs from the roadways. Supervisory staff and crews not in the field were providing support by fielding calls, preparing equipment, acquiring product, and servicing vehicles.

Other department staff worked the customer service lines. As is the current policy, recreation programs are cancelled when Lake Washington School District closes the schools. One reason for this is because many recreation programs are held in the schools and would not be able to operate. With a full week of closure, hundreds of participants needed to receive communications about the cancelled programs, altered schedules, rescheduling of programs, and refunds as appropriate. These staff carried out their work remotely during the two-day City Hall/Community Center closure.

City Manager's Office (CMO):

The CMO made all final policy decisions regarding the allocation of City resources and levels of service, as well as key personnel and facility decisions such as whether to close the public facilities. The Facilities division made sure all buildings were functional and that the generators were fueled, and Communication program staff created and implemented the City's storm response communication plan. A more detailed description on the City Manager's decision to close City Hall, the Community Centers, the Kirkland Justice Center is described below, as is Judge Lambo's decision to close the Municipal Court. Details of the CMO communication response are also described below. Screenshots of every Facebook, Twitter, and Nextdoor post, all social media comments, and an image of the City website (that was constantly updated throughout the storm) are included in Attachment B.

Police:

The Patrol Division was able to sustain a high level of operations over the course of the snow event. All commissioned personnel reported to work as previously scheduled without incident, which was not the experience of neighboring agencies. Many support staff members also reported to work even after City Hall had closed due to the storm. Officers were able to respond to priority calls for service safely without injury to personnel nor damage to vehicles or equipment. Patrol response was bolstered by the fact that the fleet of vehicles is predominately comprised of all-wheel drive SUV's. The front wheel drive sedans were very quickly equipped by FLEET with chains, enabling officers to safely negotiate the roadways. A highlight of the management of the event was the clear communication channels that had been pre-planned through the combined resources of the departments working together in the Emergency Operations Center. Having a single point of contact to request and direct resources allowed the supervisors on the road to focus on the emergent calls for service that had already been prioritized in the EOC.

Fire (Operations)

Kirkland Fire units responded to a total of 219 incidents from Friday, February 8, 2019 to Tuesday, February 12, 2019. Fifty-two of these incidents were snow-related "Priority 5" incidents which include low-acuity service calls – e.g. a downed tree across a roadway – that typically require only one fire unit to mitigate. Nineteen of these 52 incidents were

dispatched by Fire personnel directly from the City's EOC. In addition to the 19 incidents dispatched to Fire units, the EOC allowed for Fire department managers to coordinate response directly with Parks, Police, and Public Works department personnel which increased the efficiency of each department's resources. Fire had one minor vehicle mishap when an engine, despite being chained up, slid into a ditch. However, the engine did not sustain any damage and remained in-service, and no personnel were injured. The Fire department's 4-wheel drive aid car fleet was an asset when responding to EMS incidents, and no unexpected response delays were noted. All personnel reported to work as scheduled, and no injuries to our personnel were reported during the snow event.

• Fire (Emergency Management)

On February 7, the Office of Emergency Management (OEM) lead a multi-department planning meeting focused on storm response coordination. Based on predicted impacts and department operational plans, the City Emergency Operations Center (EOC) activated to support incident coordination for the first time since January 2012. The EOC was activated from February 8 to 12 with a varied level of staffing based on incident needs. OEM staff facilitated the Incident Policy Group conference calls and represented the City for the daily King County and State Emergency Management coordination calls. The EOC developed two Consolidated Action Plans and disseminated 11 Situation Reports. EOC effectiveness was aided by the ability to view the ITS video feeds of major arterials in Kirkland. This capability was funded by the Council as part of a supplemental package of EOC upgrades.

Activation of the EOC provided a central point of operational coordination, situational awareness, and information dissemination. The dedicated "hot site" equipped with technology and staff resources facilitated response efforts. Activation of the EOC proved beneficial to response departments, City leadership, and regional partners. The recommendation is the EOC activate with every significant incident or multidepartment response/recovery situation. It was noted that additional staffing for the EOC is necessary to maintain the highest level of efficiency.

Snow and Ice Response Plan

A key mission of the City is to provide snow and ice response services to mitigate hazardous conditions when freezing weather conditions occur and to keep the community apprised of the situation to the degree possible. The Snow and Ice Response Plan was established to maximize service and efficiency with the resources available and to communicate these efforts across City departments and to the community. Continued refinement of the Plan based on changing priorities, equipment, events, and experience allows implementation to reflect best practices and a common understanding of roles and responsibilities in providing services (see Figure 1, below).

Snow and ice response work remains challenging in our region for many reasons:

• Weather forecasting is dynamic in our area. The significant variance in elevation from one neighborhood to another, proximity to the Lake, the Puget Sound convergence zone, tree canopies, and other factors make freezing weather conditions extraordinarily difficult to forecast. Additionally, these factors can cause snow in some parts of the City, while other parts only experience rain. It is critical that our Plan incorporate up-to-date, detailed weather data and forecasting. Even with the best possible forecasting, managing snow and ice control efforts is often a judgment call based on the best available information.

- Infrequency of events makes training difficult. Compared to other parts of the country, snowfall is relatively rare in Western Washington. As a result, local governments rarely have fully dedicated staff resources for snow and ice removal. Recruitment, training, and staff experience are typically focused on non-snow events that are the most frequently encountered in the City: sweeping, excavation, mowing, pipe laying, etc. Snow/ice weather conditions often require on-the-job training that is difficult to replicate or substitute.
- Community Levels of Service expectations. Over the years of snow response, the City has used feedback from the community to refine and update its procedures and resource allocation. For instance, after significant storms in 2012, more effective deicing materials and different plow blade tips were incorporated into the City's response. Additionally, when the City buys new or replaces large vehicles (e.g. dump trucks), funding for plows and sanding equipment is now typically included in the budget and is purchased with the vehicles. However, continuing changes in demographics and differences in snow/ice patterns with each event provide unique situations highlighting other opportunities to improve response.

2010 2019 2013 Salt Brine (deicer) CaCl w Boost (deicer) CaCl w Boost • 1 deice vehicle 2 deice vehicles 3 deicing vehicles 3 dump truck plow/sand 4 dump truck plow/sand 6 dump truck plow/sand 2 pickup plow/sand • 2 pickup plow/sand 3 pick up plow/sand Rubber plow blades Ceramic plow blades Ceramic plow blades • 12 hour shifts 8-hour shifts 8-hour shifts PD calls originate start PD calls originate start? Predetermined start Budget for plow/sand Budget for plow/sand Added Priority 4 routes

Figure 1. Evolving Snow and Ice response services

During inclement weather events, response is based on priority routes established annually before each winter season. Roadways are prioritized based on access to "lifeline" facilities (such as Evergreen Hospital and the Kirkland Justice Center), roadway classification, and topographic considerations. Since each event will vary in its impact and duration, these pre-determined routes will be considered to be in effect unless the situation requires that resources be redirected.

The inventory of travelled roadway lanes in the City of Kirkland exceeds the available personnel, equipment, and resources in terms of snow and ice operations. Therefore, a four-level priority system (Attachment D) has been developed through coordination with Police, Fire, adjacent Cities, the Universities, King County Metro, Lake Washington Schools, and Evergreen Hospital.

- Priority 1 routes: major arterials, bus routes, and access to and from the Kirkland Justice Center, some Fire Stations, Evergreen Hospital and freeway interchanges in the Totem Lake area.
- Priority 2 routes: remaining arterials throughout the City.
- Priority 3 routes: collectors serving key areas.
- Priority 4 routes: east/west facing shaded, known needs.
- Pre-Treatment Routes: in addition to covering Priority 1 and 2 routes, the pre-treatment (anti-ice) priority routes (Attachment E) include hilly, shady areas as well as bridges and overpasses.

The February 2019 event was particularly challenging. The entire event was actually a series of weather systems, resulting in several, intermittent snow and ice events. Additionally, the volume of snow and extended duration of the cold weather system created a second emergency response effort involving broken and downed trees in the right-of-way and on public properties. These extraordinary conditions occurred at a time when the crews who perform snow and ice response work had a large number of personnel vacancies and a number of relatively new employees who had never performed snow and ice work for the City. The updates to the Snow and Ice Response Plan certainly set the stage, but it was the dedication of the employees, willingness of crew members to work many long, hard shifts, and the spirit of interdepartmental cooperation that made the response to "Snowmaggedon" a success.

Closure of City Hall, Community Centers, Kirkland Justice Center and Municipal Court

One of the most difficult choices faced during the snow and ice events was whether to keep the public facilities open for business. Kirkland's adopted policies state that the City should always try to remain open for business if possible. In addition, Police and Fire were operating on normal schedules, and all Public Works and Parks maintenance crews were reporting to work to respond to the storm events. At the same time many other jurisdictions and institutions were closing, and the City was asking the public to stay home and off the streets if at all possible. Lastly, many employees live in cities that did not cope as well with the snow event, making travel from their homes to Kirkland challenging.

In the end, for the safety of the public and Kirkland employees, the City Manager decided to close City Hall, the Kirkland Justice Center, and the Community Centers to the public on Monday, February 11, and then again on Tuesday, February 12, due to the icy road conditions and forecasted snow. The City Manager reached this decision in consultation with the Directors and the Emergency Manager. The EOC was used to convene conference calls of all Directors and EOC staff on successive days. After reviewing reports from the field, the latest weather updates, and getting information about closures by school districts and other jurisdictions, the decision to recommend closure each day was unanimous.

Kirkland Municipal Court Judge Michael Lambo closed Municipal Court due to snow and ice on Friday, February 8, as well as Monday and Tuesday, February 11 and 12, also for safety reasons.

While the facilities were closed to the public, the decision was made not to close the City for business. All first responders in the Police and Fire Departments reported for shifts as scheduled. Public Works and Parks staff reported for duty to respond to the snow event. The Information Technology (IT) department provided support as needed, much of it remotely. The City facilities remained open to keycards and were heated for staff who desired to come in and work from their spaces in the buildings.

All other employees at City Hall, the community centers, or the KJC who were scheduled to work were directed to "work from home" unless they chose to come to work. This is in accordance with Kirkland's severe weather policy (APM 1-2) that says:

"If management has determined that City facility needs to be closed (example: due to power failure), the employees at that location will be expected to report to an alternate work location as assigned by their supervisor"

The City Manager took the unique action of authorizing that "home" was the alternate work location for those employees who could not safely come to work. Employees who already had work-at-home agreements and assignments simply continued to do the work as assigned. Employees who did not have work assignments logged in from home during their normal work hours and were requested to do email archiving, online training, or any other assignments that were received online from supervisors. All employees who have been migrated to Outlook and Office 365 were able to login from home computers or work laptops. IT provided information about how to log in to email and training from home, and the help desk was staffed remotely. Everyone who worked from home was paid for those two days. Employees who did not wish to be "online" for the day could take the days as vacation days.

Virtual City Hall

One of the opportunities identified by the closure was how close the City of Kirkland currently is to being able to provide a "virtual City Hall" where most services can be provided remotely if needed. With the transition to Office and Outlook 365 and the migration of most systems to the cloud, the technology is there to support the concept. Staff are investigating the policy framework, labor agreement changes and logistical details needed to make a virtual City Hall possible. Staff hopes to complete this analysis by Phase 2 of the storm report.

External Communication and Public Outreach

Communication and outreach coordination with significant events such as the February Snow/Ice storm are critical and an important element of the City's mission. From February 3 to 17, communications staff worked to share important information with community members via five platforms: Facebook, Twitter, the City website, Nextdoor, and This Week in Kirkland (weekly email newsletter). For this event, as for any communications, staff utilized three guiding principles: set clear expectations, be responsive, and respond with humanity and kindness. The communications strategy for this storm event was divided into three stages: *before, during,* and *after*. Because this storm event included multiple incidents of snow fall, staff cycled through the communication stages multiple times.

The City's *before* communications focused on helping the community prepare themselves for the coming weather. These posts included a Facebook live with the EOC Manager, reminders to charge phones, gas up vehicles, and prepare to stay home for the duration. Our *during* posts focused on "life safety issues". This included informing the public of current road closures, potential hazards, and providing updates on the status of our crews. Posts during this phase had a consistent message encouraging community members to stay home. *After* posts focused on how residents could help with recovery efforts (clearing drains, moving vehicles off the road, what to do with downed branches, etc.), status updates on our crews' efforts, and setting expectations regarding service levels.

In total for the event, communications staff posted on Facebook 53 times (outreach typically averages 30 posts a month), as well as updating a "road update" post approximately 30-40 times throughout the event. Staff also responded to 134 Facebook questions or comments. The "Before, During, and After Winter Storm Video" was viewed 5,700 times, making it the most viewed City video ever. Staff sent out 96 tweets and made 3 posts on Nextdoor. Additionally, the City website homepage was frequently updated to include a running list of road closures and other important information for residents.

One communication area identified for improvement was better coordination between the EOC and the City Manager's Office on external communications. Because the EOC was not activated throughout all the days and evenings of the storm, and because a formal Joint Information Center was not convened during the days of the highest snow accumulation, there was not always clarity and coordination on responsibility for messaging and updates.

Issues Identified and Opportunities for Improvement

Although the overall response was successful from a service level standpoint and generally well-received by the community, it is staff's desire to continue improving through lessons learned. Community feedback and staff experience gained from the February 2019 events have and will continue to be gathered and evaluated. Where possible, they will be incorporated into future operations and training procedures. However, many topics and follow-up questions are related to policies; policies that have organizational, resource, and potentially financial implications. Those implications are more appropriately addressed with City Council input, and although not an exhaustive list at this time, some of those policy issues are highlighted below.

Side Street Clearing

The City does not have a formal side street plowing policy. In most Northwest snow events, the snow is usually gone after one or two days, so plowing side streets is not normally an issue. As the Priority 1-3 routes were cleared, City staff began to plow side streets. But the request for side streets to be plowed quickly overwhelmed staff capacity. There were also requests to plow side streets day and night. Many side streets had cars parked on the street or stuck in the snow, making plowing difficult. Crews were tired and the converted dump trucks are large, making night plowing risky. The management decision was to prohibit side street plowing at night. Priority decisions about which side streets to plow were made each day, usually in response to requests from Police and Fire, rather than according to an adopted plan. This made it difficult to set expectations for the public on when (or whether) a particular side street would be cleared. One need prior to the next snow event is to adopt a side street policy.

Sidewalk Clearing

The City does have an adopted policy on clearing sidewalks. By City code, it is the responsibility of the property owner adjacent to the sidewalk to clear the sidewalk of snow after a snowfall. However, it became clear that most property owners are not aware of this obligation and few even have the tools to clear sidewalks. City plows also piled a great deal of snow on the sidewalks, which subsequently froze and were difficult to clear. Much of the public comment received during and after the storm event was that the City should clear the sidewalks, especially around elementary schools. The City currently does not have the capacity or equipment to clear sidewalks and it is also not our current policy. Options for how the community can clear sidewalks in future events is a key topic staff is evaluating.

Coordination with Schools and Other Institutions and Organizations

The extended event also highlighted the need for better coordination between the City, public and private schools, churches, shelters and other important civic organizations where people congregate during or after snow events. Kirkland's Priority routes do not always clear streets that lead to these institutions if they are not on arterials or collectors. Examples include temporary homeless shelters in churches on local streets, and some streets leading to elementary schools. While these organizations did not make formal requests for assistance during the February storms, some residents did. City staff have identified the need for a proactive approach with these institutions in the future.

Additional Considerations

In the numerous after-action meetings held by City staff, a variety of other operational and policy issues were identified (Attachment C – Staff Debrief Notes). Beyond the attachment, some other potential policy issues are outlined below:

- What really is a "plowed" road (bare pavement, pushed aside, etc.)?
- When should operations change from Priority 1-3 routes to Priority 4 routes?
- How can we develop more staff capacity to plow and sand during events?
- With limited resources, how can the City address Priority 4 routes?
- Should Priority Routes 1-4 be updated to include new streets and new priorities?
- How can the coordination of shelters and resources be made available to the community?
- How can we effectively message for private vs. public work on sidewalks, driveways?
- How should staff time be allocated between multiple priorities (e.g. trees vs. plowing)?
- To what extent/or should customers be credited on solid waste bills when service is not available to them?
- Should the City organize volunteer "sidewalk" teams to coordinate sidewalk clearing?
- Do we need to update storm debris disposal policies for downed trees and branches?

Next Steps

This memo is only an overview of the many actions taken and issues identified during the storm events and recovery. Because of the potential length of discussion around this event and the many policy issues and potential budget implications, staff has broken the discussion into two portions:

Part 1 – April 16 Study Session

Staff will summarize the recent snow/ice and tree event including feedback and overall costs of the events. Staff will also outline the issues that have been gathered as a result of

the community, Council, and staff feedback. Council will provide staff direction on additional issues to review and opportunities to explore.

Part 2 – Spring 2019

Staff will conduct public outreach and return to discuss policies; present options and potential costs for alternatives. In addition to refinements of the Snow/Ice plan, Council will be asked to weigh on the City's overall Emergency Response plan during this discussion.

Depending upon the outcome of these discussions, snow/ice service enhancements could be addressed during the 2019-2020 mid-biennial budget process.

Attachment A: Snow and Ice Response Plan
Attachment B: External Communication Materials

Attachment C: Staff Debrief Notes

Attachment D: MRSC 2019 Snowplow Level of Service Survey of Washington Cities

Attachment E: Anti-Icing Routes
Attachment F: Snow Plowing Routes

Attachment G: Wind Storm Sweeping Routes

City of Kirkland Snow and Ice Response Plan

Public Works Department



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INTRODUCTION

The mission of the City of Kirkland's Street Division is to operate and maintain the transportation network while ensuring that the network functions as safely and efficiently as possible. During wind, snow, and ice events, the Streets Division conducts snow removal operations, anti/de-icing, traction improvements and selected road closures to mitigate hazardous travelling conditions; if events dictate and additional staff is needed, crews from Public Grounds, Water, Sanitary Sewer, Storm, Fleet, and Parks will supplement Street Division forces.

The purpose of this Snow and Ice Response Plan is to provide effective, clear, consistent and environmentally responsible guidelines and procedures, resulting in the best possible service to the citizens of Kirkland.

During inclement weather events, the administration and coordination of crews is especially critical to ensure that emergency situations will be responded to in an efficient, effective and timely manner. The primary goal is to provide passable routes for emergency vehicles, school buses, public transportation, commercial vehicles, travelers, and commuters during conditions of snow, ice or severe frost on the City's roads and streets. Public Works is responsible for approximately 240 center lane miles of roadway including approximately 40 lane miles of arterial lifeline routes that provide connectivity from residential areas to the State highway system and key service centers.

As the City of Kirkland's topography is extremely diverse and creates a variety of situations throughout the City during winter weather, Public Works annually re-evaluates equipment, crews and response scenarios to address a variety of scenarios. Public Works Department staff work closely with King County Metro Transit, the Lake Washington School District, adjoining jurisdictions such as Redmond, Bothell and Bellevue, local universities, and hospitals to assist in maintaining mobility for our residents and businesses. Some winters bring heavy snowfall, and other years see no snow accumulation at all. In any city, snow removal is complicated by urban factors such as parked cars, pedestrians and narrow streets. Cities with regular heavy snowfall often have winter parking restrictions that make it easier to plow streets. Since Kirkland doesn't have regular significant snowfall, these sorts of parking restrictions are not practical.

The City of Kirkland commits to plowing snow from identified routes throughout the city within 24 hours of a significant lull in the storm. This level of service does not commit to reaching bare pavement; however, it will provide for passable roadways. Differing event patterns may alter this timeframe. The following bullets highlight the snow / ice response:

- The priority route map can help the public know what to expect and provides clear direction to operations staff.
- Crews will plow snow to the right of the roadways so that melting snow will not pass back over the street surface and refreeze when the temperature drops at night. If a car is parked on snow route, the owner may have to dig it out. Driveways often are blocked when several inches of snow falls. Residents are asked to dig them out as well.
- Businesses and residents are responsible for shoveling and de-icing their sidewalks and steps. This
 is important since our population is aging and a simple slip can be debilitating. Public Works staff
 begins preparing early for the snow season by getting snow equipment ready and stockpiling
 supplies. Crews use the same trucks for paving streets that they do for winter weather response.

Balancing our investments in equipment assures maximum efficiency and provides the staff critical use of the equipment year around. The Fleet relies on fall preparation time for winter equipment cleaning, tune up and repairs.

• Another important fall activity is staff snow and ice response training. Staff are annually trained on the City's Snow and Ice Response Plan and standard operating procedures (SOP). The snow response priority route map has been reviewed and updated to ensure the annexed areas are included as well as changed conditions, (environmental, development and street improvements). It is important to protect our traffic control assets, such as roadway markings and reflectors/road buttons from plow wear or accidental removals. During a snow storm, city crews work around the clock. Designated emergency hospital, citywide arterial and neighborhood priority routes are cleared first. This approach aids our fire, medical and police staff response, as well as transit, school buses and commuter traffic. If snowfall is continuous, arterials routes will require repeated plowing and sanding before crews can work to clear neighborhood streets. We ask the public, if at all possible, please stay home until the storm has passed and driving and walking/biking routes are cleared.

PLANNING/PREPAREDNESS SCHEDULE

September Chemical anti/de-icing materials are purchased and spray trucks are purged of chemicals used for vegetation control during summer months.

October Weather and temperatures are more closely monitored; anti-ice treatment typically begins as colder conditions warrant. Staff begins priority route modification process based on changes in the community, and staff shift schedules are drafted.

November King County Office of Emergency Management, Washington State Department of Transportation, and City of Kirkland annual kickoff meetings are held to discuss weather preparedness, nature of anticipated winter predictions (such as "Neutral", "El Nino," or "La Nina"). Training curriculum is finalized and training conducted. Materials and equipment

are stockpiled and prepared.

Dec – Mar Most inclement weather occurs during this timeframe. Crews perform emergency response activities, such as anti-icing, plowing, sweeping, cleaning of enclosed drainage systems, and responses to wind and other events.

April Typically, April is a transition month, winding down from winter weather response mode. Equipment is returned to non-winter month status. For example, anti-icing trucks are returned to vegetation control preparation; plows and sanders are cleaned, maintenance and stored.

The Snow and Ice Response Plan reflects the following concepts:

Constant Vigilance:

Public Works staff monitor conditions and follow weather reports 24 hours a day.

- Public Works uses a forecasting tool developed with the University of Washington called SNOWWATCH to learn how a storm will most likely affect different neighborhoods. This information helps determine priorities for clearing roads.
- Kirkland subscribes to a forecast service provided by Weathernet. In 2016, Kirkland installed two weather stations connected to the city technology system, (two surface and ambient temperature tracking guns mounted on poles). The stations alert management and key staff

when temperatures drop below 34 degrees. Stations are located on Big Finn Hill next to the Fire Station on Juanita Blvd. and near Evergreen Hospital in the Kingsgate area. The Big Finn station is connected via fiber cable to the city technology system and the Kingsgate station is connected via Wi-Fi.

Being Proactive:

City Departments, including Public Works, Parks, Fire and Police Departments proactively "get in front" of emergency winter response to the greatest extent possible. Community preparedness, communications and collaboration is key for a successful community response to winter storms. Specific steps in moving toward a proactive approach include the following:

- Emergency Response Activation: To stay ahead of the storm events, the Public Works Director will determine when crews and equipment are to be activated. Public Works will respond to requests from the Police and Fire departments for site specific road closures, and assist in preparing emergency response fleet equipment, provide fuel and other actions needed.
- **Staff shifts:** For small frost events, street maintenance staff may shift work times. Early deicing chemical "Boost" applications, (calcium chloride with anti-corrosive additives), are done prior to commute traffic to reduce ice bonding onto the street surfaces. For large short term events, all Public Works Operations Maintenance staff will shift to two (12) hour shifts to maximize staffing resources, make the most efficient use of equipment, and to align service practices with neighboring jurisdictions. For longer events, three (8) hour shifts may be applied to reduce staff fatigue. Staffing is pre-assigned to each shift, with specific task and equipment assignments.
- Assignment of "Skeleton Crews" for Minor Events: Far more frequent than full-blown snow events, are periods of freezing or high winds events. Public Works will pro-actively assign a small crew with a lead worker to perform de-icing, flood response, and/or windstorm cleanup based on weather forecasts. If events ramp up, staffing levels will too. The "skeleton crews" will be assigned backup work (such as the backlog of public sidewalk maintenance in front of public facilities) to perform in the event emergency response services are not needed.
- Boost Application: The City of Kirkland uses anti-ice equipment and chemicals (calcium chloride with anti-corrosive additive Boost) and will pre-treat key streets, bridges, and pedestrian overpasses, when it is dry and as temperatures continue to drop below 34 degrees. Staying ahead of the storm and applying anti-ice treatments before the snow falls helps to prevent ice from bonding to the street and sidewalk surfaces. Pre-treatment is weather dependent; anti-icing chemicals should not be applied in wet weather or be combined or overlapped with non-calcium chloride de-icing chemicals. This is an important point for private parking lots. Anti-ice applications will track on tires often carrying chemicals from private lots to the public roadways. If the chemical is not calcium chloride it can increase slippery conditions.
- **Service:** As the snow begins to fall, the crews continue to maintain the response planned routes and sidewalk areas, treating the transportation system surfaces. When approximately **one inch** of snow has accumulated, staff begins plowing. Staff may apply a 2 parts sand/one part salt mixture from dump truck sanding equipment sparingly. Applying the minimum amount of sand needed is important to prevent the stormwater conveyance systems from

plugging with sand and needing additional cleanings. <u>It is best for public to remain 50 feet away from all snow response equipment.</u> Applications can disperse at wide rates and it is best for the public to not have the materials coat their windshields for visibility. If it does get onto private vehicles, the public should rinse it from the vehicle as soon as possible to reduce corrosion and maintain clear window views.

GENERAL INFORMATION

Administration and coordination of crews during snow and ice conditions is conducted by the staff at the City of Kirkland Maintenance Center, 915 8th Street, Kirkland, WA. From this location, Public Works crews are capable of providing 24 hour, 7 day per week snow and ice control activities. Parks and Community Services crews operate out of 1129 8th Street (the "Park Maintenance Building") to the north of the Maintenance Center, in order to carry out their responsibilities during snow and ice events. In a declared City emergency during which the Emergency Operations Center (EOC) is activated, the Maintenance Center will still function as the focal point for direct coordination of crew activities; however, priorities for snow and ice control efforts or other emergency conditions by all crews will be as directed by the EOC from City Hall.

STAFF ORGANIZATION

Effective management and accomplishment of snow and ice control objectives must be accomplished through an integrated and coordinated effort by Public Works and Parks and their respective Managers, Supervisors, Lead persons and crews. Generally the areas of responsibility for snow and ice control efforts between Public Works and Parks are as follows:

Public Works: Field crews will be responsible for snow and ice control activities within the public right-of-ways (streets, pedestrian overpass bridges, CKC, trails, some public staircases connected to parking lots, and sidewalks adjacent to Park Lane or the Park Lane parking lot) and within the yard component of the Public Works Maintenance Center (sand, anti/de-icing, etc.). Field crews may be drawn from Streets & Public Grounds, Water, Sewer, and/or Storm Divisions.

Equipment Rental (aka Fleet): Will be responsible for setup, maintenance, and repair of vehicles and equipment including the emergency generator at the Maintenance Center during power outages.

Facilities: Will be responsible for ongoing City exterior structural building maintenance, power and plumbing systems, HVAC systems, furniture systems, elevators, windows, flooring, roof systems and indoor structural system needs. They may need to delay responses to individual office furniture and box moving requests to locations not accessible due to unsafe roadway conditions. Facilities include City Hall, Justice Center, Fire Stations, Community Centers, Maintenance Centers, Annex Building, Heritage Hall and other park facilities and city parking garage.

<u>Parks & Community Services:</u> Will be responsible for snow and ice control activities around the exterior of all public buildings and facilities including driveways at Fire Stations and parking facilities and walkways. Included are the parking lots at City Hall, Kirkland Justice Center, Maintenance Center, the Senior Center, North Kirkland Community Center (NKCC), and other City facilities as necessary.

The Public Works Operations and Maintenance Divisions (Streets, Public Grounds, Water, Sewer, Storm, and Fleet) have approximately 80 full time field crew and approximately 12 administrative/management staff situated at the Maintenance Center. Consultation between the Division Managers, the Deputy

Director, Director of Public Works, and/or the City Manager or an EOC appointed operative - activates field crew employees which will be assigned to two pre-determined, around-the-clock, "12-hour" shifts as follows (see 2017-2018 shift schedule attached to plan):

```
Shift #1 (day) 10:45 a.m. – 10:45 p.m.
Shift #2 (swing) 10:45 p.m. – 10:45 a.m.
```

This shift arrangement allows for complete 24 hour coverage, providing smooth transition of plowing, sanding, and de-icing activities. This coverage maximizes available equipment and crews (approximately 40 operational staff will be available for each shift). This approach also allows each employee two one-half hour meal periods during their shift. Generally, this shift will be followed for as long as needed to effectively satisfy the mission statement objectives. On each shift one or more Public Works Managers, Supervisors and Leadspersons will be responsible for coordinating, planning, scheduling and dispatching crews during the snow and ice conditions. The supervisors or lead persons will operate under the general direction of the Division Public Works Director and Public Works Deputy Director who will have oversight of the snow and ice control operations.

Because each shift includes two, one-half hour lunches, the physical time worked is 11 hours. 8 hours of each shift will receive a 20% shift differential, and 4 hours will be at time and a half. Management is expected to perform a short meeting (15 minute) exchange of critical information before each shift activates.

The Parks Maintenance Division has approximately 30 full time crew, two administrative employees, three lead persons, two supervisors and one division manager situated at the Park Maintenance Building. Parks Maintenance is responsible for planning, scheduling and coordination of Parks Department snow and ice control activities to meet their mission goals and objectives.

Preparation of emergency vehicles (Fire and Police) is done in coordination with the individual stations. The Fire Department maintains an inventory of chains for all apparatus at each station which includes cable chains and "lug" chains (used if snow reaches 6 inches). All firefighters receive training on how to install the chains, however Fleet personnel are utilized if issues arise. Fleet also maintains a complete set of cable chains and back-up chains for all Police vehicles, and Fleet staff install the chains during an event. The Public Works Department has two mechanics assigned at the Kirkland Justice Center and three mechanics at the Public Works Fleet Shop at the Maintenance Center. Fleet staff can utilize a small pick-up mounted plow to performing minor clearing activities at the Kirkland Justice Center to assist the Parks Department staff.

EQUIPMENT AND RESOURCES

The City owned equipment identified in Figure A, (see below), is available for snow and ice control. All vehicles are radio equipped and city owned cellphones are made available.

The Fleet Division mechanics, facilities, equipment and parts are housed at the Maintenance Yard located across the street from the maintenance administration building. On duty mechanics will perform equipment maintenance and repairs during shifts and assess equipment during shift changes to prevent equipment failures.

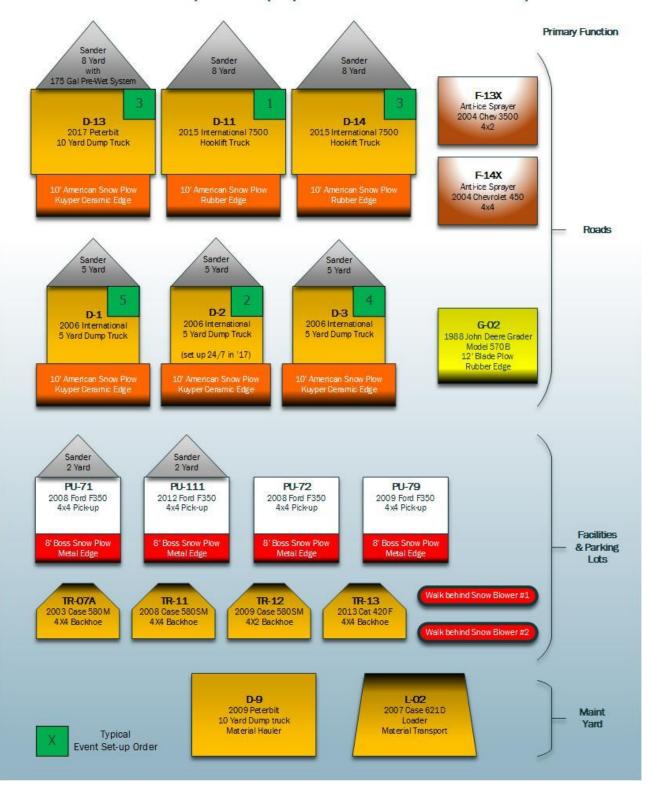
 A limited supply of bagged salt is stored indoors on pallets if needed; this salt can be added to sand or mixed with water to create a brine mix for preventing ice.

- Calcium Chloride with Boost is applied when temperatures drop below 34 degrees and not raining.
 Two 6,500 gallon storage tanks are installed at the maintenance center and are able to provide anti-icing material by two Kirkland spray equipped vehicles.
- Salt brine is also available at the Maintenance Center which can be used to "pre-wet" sand by the one large 10 yard plow/sander with pre-wetting equipment.

The Public Works Department has access to a limited amount of materials (two parts sand and one part salt) from the Washington State Department of Transportation (WSDOT) yard facility located at the south end of the City near Northup Way and SR 520. This stockpile is available as a mutual aid and support basis and limited to \$5,000 annually. In addition, through agreement with the City of Redmond and Cadman Sand and Gravel located in Redmond, Kirkland has access to an articulated loader from the City of Redmond and can combine re-stock orders of Calcium Chloride anti-icer with the eastside agencies, and can access the sand stockpile at Cadman's yard. Redmond staff have a key to the Cadman yard for emergency access to the supplies. This access is normally unattended and on the honor system for payment to Cadman Sand and Gravel, which is presently one of the City of Kirkland's contracted sand and gravel supplier.

FIGURE A - WINTER SNOW/ICE RESPONSE EQUIPMENT

Kirkland Snow/Ice Equipment - Winter 2017/2018



RESPONSE TO SNOW/ICE EVENTS

During inclement weather events, response will be based on priority routes established annually before each winter season. Snow and Ice crews will mobilize based on the severity of the event. The roadway prioritization is based on access to "lifeline" facilities (such as Evergreen Hospital and the Kirkland Justice Center), roadway classification, and topographic considerations. Since each event will vary in its impact and duration, these pre-determined routes will be considered to be in effect unless the situation requires that resources be redirected.

The inventory of travelled roadway lanes in the City of Kirkland exceeds the available personnel, equipment, and resources in terms of snow and ice operations. Therefore a three level priority system has been developed through coordination with Police, Fire, adjacent Cities, the Universities, King County Metro, Lake Washington Schools and Evergreen Hospital.

- Priority 1 routes: include major arterials, bus routes, and access to and from the Kirkland Justice Center, some Fire Stations, Evergreen Hospital and freeway interchanges in the Totem Lake area.
- Priority 2 routes: include remaining arterials throughout the City.
- Priority 3 routes: are collectors serving key areas.
- Priority 4 routes: east/west facing shaded, known needs
- Pre-Treatment Routes: in addition to covering Priority 1 and 2 routes, the pre-treatment (anti-ice) priority covers hilly, shady areas as well as bridges and overpasses.

Operations:

City Staff will mobilize based upon the severity of a snow and ice event and as directed by the Public Works Director.

First Phase - Pre-treatment is activated when temperatures continue dropping below 34 degrees and there is no rain, and/or measurable snow and/or severe black ice conditions are predicted.

- The supervisor may shift schedules for early morning and evening applications of anti-icing agents, if weather conditions are conducive to anti-icing treatment.
- Priority 1 and 2 routes are checked for snow or freezing conditions.
- Fleets and Streets Division prepares equipment for snow and ice operations.
- The supervisor adjusts the initial response schedules as the weather event unfolds.
- Citizen and emergency service requests are taken by Public Works staff and assigned based on crew availability according to pre-established priority routes.
- Crews remain on regular schedules unless the event occurs after hours at which the standby person calls for additional personnel as conditions warrant.
- Depending on weather forecasts, "skeleton crews" may be assigned, or full-crew, 12-hour shifts may be assigned. (Usually the Deputy Director or Public Works Director makes the decision for a full-crew or for two, 12-hour shifts to be activated.)

Second Phase - Snow and Ice conditions have occurred. Isolated to widespread accumulations have affected City roads.

- Public Works Director makes the call to initiate snow and ice response, if this has not already been done based on the weather forecast. Supervisor of snow event (Public Works Deputy Director or Streets and Grounds Manager or Utilities Manager or Operations and Planning Manager or Standby activate MOC response center.)
- Snow and Ice Crews and associated Administrative staff start twelve hour shifts providing 24 hour coverage.
- The City of Kirkland EOC may be activated.

- Supervisor directs and assigns prioritization of snow and ice removal based on defined Priority routes.
- Shifts remain in place until Public Works Director terminates shifting.

Routes are normally first plowed to best facilitate the next morning or afternoon/evening rush hour traffic direction. All other routes are plowed based upon overall traffic volumes or public safety and are scheduled to coincide with the event patterns. Local streets, cul-de-sacs and dead ends have a lesser priority than heavier traveled streets, and depending on the inclement weather pattern and available resources, may not receive treatment. Typically, citizen requests are handled within the established priority system.

Depending on the severity of a snow and ice event, Parks crews are responsible to remove snow from parking lots, driveways, and pedestrian access paths to City facilities. These include all staffed City buildings, the Kirkland Justice Center, and Fire Stations as follows:

Station 21
 9816 Forbes Creek Dr. / Market Street

Station 22
 Station 25
 Station 26
 6602 108th Avenue NE
 12033 76th Place NE
 9930 124th Avenue NE

• Station 27 11210 NE 132nd Street, Kirkland

City Hall 123 5th Avenue

Kirkland Justice Center
 N.K.C.C.
 Senior Center
 Maintenance Center
 Senior Center
 Maintenance Center
 Sth Stheat

Maintenance Center
 915 8th Street

Annex Building
 Heritage Hall
 Directly South of City Hall
 Market and 5th West Street.

Parks crews may not be able to reach every Fire Station due to traffic or street blockages. In those instances, Fire Station personnel will be responsible to assist to the extent possible by hand shoveling and clearing of walkways and driveways. 5 gallon containers of anti-ice chemical are located at each Fire Station.

During inclement weather events, vehicles and equipment will be assigned in a manner which provides the best use and application for the particular event. Generally, the equipment having plowing capability will be assigned to plowing high priority streets which include major arterials, bus routes, access to and from schools, police and fire stations, freeway interchanges and Evergreen Hospital. The 10-yard and five-cubic yard dump trucks and one-ton pickups with snowplows/sanders will be assigned in an equitable or prioritized manner throughout the community. The grader, if used, will focus primarily on Juanita Drive and may assist the transit center bus access for Metro. Staff will avoid using the grader at night. Extra available equipment (backhoes are not safe on the roadways but may be staged at City Hall and Justice Center parking lots if large piles of snow need to be managed) will be used to assist plowing and respond to intersection and accident related requests. The two trucks mounted with deicing equipment will be assigned to areas on a priority basis. The articulated loader will remain in the Maintenance Center yard for use in stockpiling and loading sand and doing snow removal in the Maintenance Center yard and parking lot areas. The remaining (2) 10 yard dump trucks will be available to haul sand materials to the Maintenance Center to replenish inventoried materials. Cadman materials can be accessed at night if the stock needs to be replenished for the day shift.

Truck mounted small plows and the backhoe/loaders will be operated by Parks along with snow blowers to assist them in maintaining designated public facilities.

Public Works and Parks Department crews may assist the equipment rental group in preparing vehicles and equipment for snow and ice tasks. This may include assisting with mounting the plows and sanding equipment and chaining vehicles based on equipment rental priorities (Fire, Police, Public Works and Parks).

DISPATCHING

The initiation of snow and ice control procedures is by Public Works as determined by the Public Works Director and/or Deputy Director. The Kirkland Police Leadership in charge will provide regular assessments of current conditions to the Public Works Director, Public Works Standby and/or the MOC Manager in charge if shifting has been activated. Crews may be activated by the Public Works Standby and Manager in charge during non-work hours. The Weathernet stations will be monitored via email by those identified on the email notification list (see in appendix) when the temperature continues to drop below 34 degrees. Staff continue to monitor various weather information when storms are predicted. The Deputy Director is the lead to alert the Director's office when responding to a winter storm event.

NORCOM will provide site-specific emergency dispatching services to the phone messaging system the Public Works Department contracts with who then alert the Public Works command staff. Public Works command staff will make specific crew assignments.

COMMUNICATIONS

- All vehicles and equipment in use for snow and ice control are to be radio equipped with a hand held portable radio. The city maintains a bank of hand-held portable radios. All dispatching of field crews will be by the Manager in charge, face to face, by radio or wireless device.
- Telephone lines are the primary communication link between the Police Dispatch and the
 Maintenance Center Manager on duty. These lines may fail or be damaged during heavy snow or
 ice events. As a backup to the telephone system, Police Dispatch may contact the Manager
 directly on the Public Works band on the 800 MHz radio or via cell phone (see emergency cell
 phone list in appendix).
- Members of the public who call the Maintenance Center or come to the Maintenance Center in
 person will deal directly with administration staff or the Manager on duty for service requests or
 other services. Requests outside of the pre-established priority routes will not receive high priority
 due to resource limitations.
- The City's Public Information Office and City Manager's office will be notified if shifting is activated and will be regularly updated on status and issues by phone and template report noted below. The City Manager also has a hand held radio device and cell phones.

The Public Works Maintenance Deputy Director, Division Managers, Supervisors and Lead persons will have access to portable weather alert radios during imminent inclement weather periods. Calls for snow and ice control should be made directly through the Maintenance Center at 425-587-3900. Telephones will be staffed during snow and ice events.

Template Event Report - A summary of Maintenance Center snow and ice shift highlights (see template form to use in appendix) are completed by the shift manager and forwarded at the end of each shift to the Street and Public Grounds Manager. The data will then be compiled and forward to the Public Works Department's Deputy Director, who will then forward the data to the Public Works Director, City Manager and Communications Program Manager.

STREET CLOSURES

During significant snow and ice events certain streets may be closed due to steep grades which create a hazard to motorists due to the inability to stop at the bottom or at intersections on the steep street (see Inclement Weather Route maps). Impacted streets are generally not high volume streets, although it may be necessary to close certain high volume streets as needed due to the inability to maintain the street sufficiently to protect public safety. Street closures will be coordinated with the Police and Fire Departments for their emergency response planning during snow and ice events.

Any given road within the City may at any given time be closed due to event specific situations; however, the following streets will be proactively closed (and mapped as such) during significant snow and ice events due to steep grade of the streets and the inability to provide sufficient traction for safety:

CLOSED STREET	FROM	<u>TO</u>
NE 52 nd Street 5 th Avenue S Kirkland Ave 5 th Place 10 th Avenue 11 th Avenue 12 th Avenue 13 th Avenue 14 th Avenue 15 th Avenue 15 th Avenue 19 th Avenue 19 th Avenue NE 112 th Street NE 97 th Street NE 104 th Street NE 104 th Place NE 117 th Place	Lake Washington Blvd. Lake Street S. 10 th Street S 15 th Avenue Market Street 100 th Avenue NE 112 th Avenue NE 111 th Avenue NE Juanita Drive NE 120 th Street	108 th Avenue NE State Street S. I-405 pedestrian crossing 18 th Avenue 1 st Street 1 st Pl NE NE 117 th Place 90 th Ave NE
POSSIBLY CLOSED	FROM	<u>TO</u>
108 TH Avenue NE NE 120 th Street 120 th Ave NE 120 th Ave NE 116 th Ave NE NE 136 th Street Willows Road NE 128 th Street	NE 38 th Street Slater Avenue NE NE 85 th Street NE 128 th Street NE 132 nd Street 95 th Ave NE 139 th Ave NE NE 126 th Place	NE 44 th street 132 nd Avenue NE NE 90 th Street Bottom of hill (@ Trader Joe's) NE 133 rd Street 98 th Ave NE Approx. NE 125 th St 136 th Ave NE

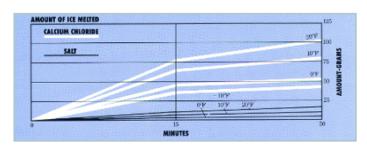
GUIDELINES FOR SNOW PLOWING AND CHEMICAL APPLICATION

The objectives of these guidelines are to compliment the decision making and management of a systematic snow and ice removal program resulting in road systems that can be navigated by the public.

The procedures for the City of Kirkland are based on the approaches made the adjacent city Public Works Departments (Bellevue, Bothell, Kenmore, Redmond and Woodinville and the Washington State Department of Transportation (WSDOT) standard operating procedures and the "Manual of Practice for an Effective Anti-Icing Program" (Appendix 1).

De-icer application of Calcium Chloride:

Information About Calcium Chloride



Calcium chloride outdistances traditional deicing materials to achieve safer, bare pavement - faster than salt or abrasives alone. Calcium chloride melts up to eight times as much ice as does salt alone - within the first 30 minutes at 20F (-7C) following application. Premixed with salt and abrasives, calcium chloride becomes a cost-effective edge for winter road safety.

PROPERTIES

- Exothermic: calcium chloride releases heat to activate salt's melting ability.
- > Hygroscopic: calcium chloride attracts moisture required for rock salt's melting action.
- > Fast acting calcium chloride begins to dissolve immediately upon application to break the bond between pavement and ice.
- Powerful calcium chloride brine remains active for prolonged periods of time to prevent ice from bonding to the highway.
- > Low eutectic point calcium chloride melts to much lower temperatures than salt.

BENEFITS

- Highway Safety: studies show that, in 85% of applications, calcium chloride/ salt mixtures achieve bare pavement faster than salt alone at temperatures near 30F (-1C), to ease traffic and reduce accidents.
- > Savings: calcium chloride increases salt's effectiveness, therefore reducing the number of applications necessary during storms saving manpower, equipment and material costs. Plus, it freeze-proofs abrasives to help them embed in ice and snow, so you lose less material to spreader bounce and traffic scattering,
- The City of Kirkland standards call for application at a rate of 14-15lbs/lane mile, which is then refined based on given agency staff experience.
- The attached tables (Appendix 1) provide guidance for application of liquid chemicals and solid chemicals under six different winter weather conditions and include:
- 1. Light Snow
- Light Snow with Periods of Moderate/Heavy Snow
- 3. Moderate or Heavy Snow Storm
- 4. Frost or Black Ice
- 5. Freezing Rainstorm
- 6. Sleet Storm

Plowing:

Accumulation of snow: If snow has accumulated due to stalled or abandoned vehicles, it may not be possible to clear the streets. The Police Department, along with tow truck companies may need to assist to clear the main arterials and tow the abandoned private vehicles to the nearest side street. It is important for the Public Works staff and equipment to stay in front of the event. If not, prolonged snow conditions, accumulate and may not be able to be removed with a snow plow blade. In these instances sufficient sand will be used only in the acceleration and deceleration lanes and on downslopes in order to allow traffic to start and stop at intersections and hills on high priority streets. De-icing brine will be distributed in the cleared travel lane(s), and salt is used only in sufficient quantities to mix with sand to keep the sand from freezing in the sander units. De-icing can be applied to ice areas and allow traffic to roll and track it. Over a period of time it will aid in the breakdown of the ice accumulated and can then be plowed.

Sanding/Salting:

Extended full length sanding and salting of streets is not possible due to two primary reasons: there is not enough sand or salt available to sand more than the areas stated; and the use of pure rock salt is environmentally detrimental to the receiving waters in Lake Washington. In general, sanding (prewetted, 2 parts sand/one part salt) is only applied at key intersections, at steep grades, or in locations of historical ice accumulation due to water/drainage (i.e., from road sub-base) along the priority routes. Specific roadway conditions will be monitored, and sand will be applied as needed in the travelled roadway. Managing sand applications is important to protect the stormwater conveyance system and reduce the amount of post storm cleaning required. Tracking the all response and follow up cleaning major winter storm data is important for potential FEMA post storm, fund restoration programs. See in the appendix the tracking forms that aid administration to respond to FEMA program relief funds.

Appendix 1: Treatment Scenario Tables

Appendix 2: Glossary of terms

Appendix 3 a, b, c: Route Maps (snow plowing, anti-icing, wind storm sweeping)

Appendix 4: 2016-2017 Crew Shift Schedule

Appendix 5: Calcium Chloride with Boost recommendations

Appendix 6: Template Storm Report

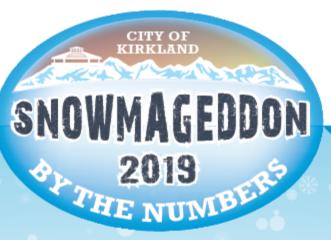
Appendix 7: City and Public Works Emergency Cell Phone Numbers (private phone numbers - restricted distribution list)

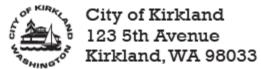
Appendix 8: Administration Resource Tracking Form

Appendix 9: Department and Maintenance Center Emergency Phone Trees (private phone numbers – restricted distribution list)

Attachment B: External Communications Materials

External Communications Overview	2
Facebook	3
Twitter	120
Nextdoor	166





SOCIAL MEDIA STATS

53 Kirkland
Facebook Posts

96 🂓 Kirkland Tweets

5700 Kirkland Video Views

PERSONNEL WORKING FOR SNOW EVENT

Parks 12

Public 30
Works Staff

Tree 4



4 On-duty mechanics

On-duty supervisors at Maintenance Center

7 Support staff at/from City Hall

• • • EOC ACTIVATED • •

ROAD TREATMENT USED

TREE MAINTENANCE



Salt: 40 TONS Sand: 150 TONS

De-Icer: 18,000 Gallons



Tree damage at 150 individual sites

Tree debris: 200 cubic yards

EOUIPMENT AND CITY COVERAGE



Kirkland Roads Plowed

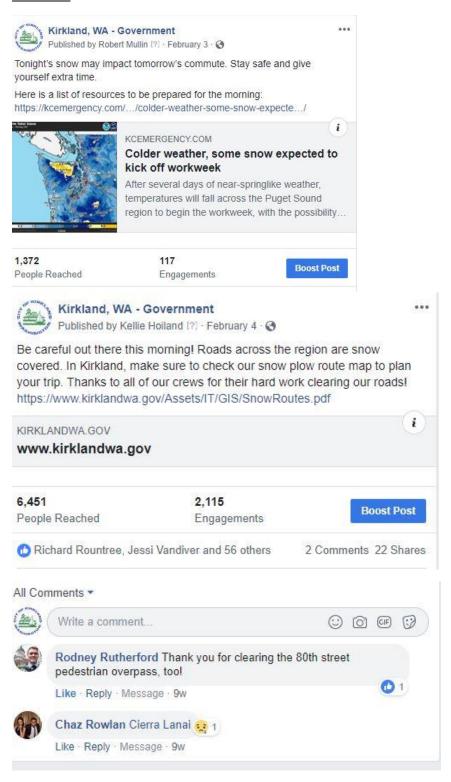
2,088

MILES

- Dump trucks with plowers and sanders
- 2 Pick-ups with plowers and sanders
- 3 De-Icer spray trucks



Facebook





If you have to venture out this morning here are two snow related closures in Kirkland to be aware of: 120th Ave NE from NE 116th to NE 118th and NE 136th from 100th Ave NE to 94th Ave NE. Be safe!

2,063 205
People Reached Engagements

Boost Post

Estela Lizarraga Woodland, Dhard Ramos and 8 others

10 Shares





730 39
People Reached Engagements Boost Unavailable

Bichard Rountree, Diane Timmons and 3 others



All garbage and recycling collections are suspended for the day.

WMNORTHWEST.COM

Most Relevant ▼

Residential customers can put out a double load of materials at no additional cost on their next regular service day. Barring no further weather issues this week, multifamily and commercial/roll off customers will be serviced one day later than normal.

For more information, please visit: www.wmnorthwest.com/weatherboard.

Maple Valley, Washington - Waste Management Northwest





Kirkland, WA - Government Hi Brad, this is Waste Management's typical snow plan, and we're just sharing as a courtesy. They'd be better able to answer your question.

Like - Reply - Commented on by Kellie Hoiland [?] - 9w



i





Current Road Closures- ALL Roads have been Reopened (we'll keep this post updated to our best ability- Final Update 2/5/19):

-ROAD REOPENED: 120th Ave. NE is closed from NE 124th St. south to the Fred Meyer gas pumps at 12221 – 120th Ave. NE (the hill).

-ROAD REOPENED: NE 68th St./NE 72nd Pl. is closed in both directions from 108th Ave. NE to 116th Ave. NE until further notice.... See More









All Kirkland Parks programs have been cancelled today. The Community Centers are currently open, but may close early due to limited staff availability. We'll post here with updates.

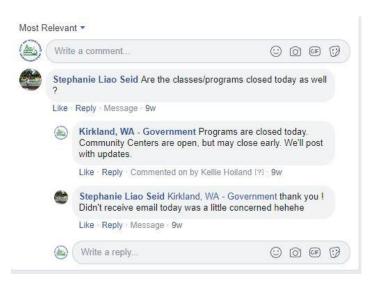








2,501 People Reached	621 Engagements	Boost Post
00₩ 156		3 Comments 7 Shares



Shauna Dean O'Reilly I've gotta say, your coverage of the storm is heads and shoulders above the Redmond government fb page.
Thanks!

Like - Reply - Message - 9w

0 1

Kirkland, WA - Government You're very welcome!

Like · Reply · Commented on by Kellie Hoiland [?] · 9w

Ksenia Sycheva You know what? This is what I love America for! And that makes it the greatest country in the world! God bless America!

Like - Reply - Message - 9w



The National Weather Service is reporting that another snow band is likely to move through the Seattle metro area starting between now-4pm. Snow is being reported in the foothills. The brunt of that band will end early this evening (between 5-8 PM), impacting the afternoon commute. An additional Trace-2" of snow is possible.

Be safe and plan accordingly!









3 Shares

OD Dove Isabeau, Ivan Avilla and 7 others



Update from Waste Management regarding service to Kirkland residents:

Residential service will be provided today (Wednesday, 2/6) with a late start time of 7:45 AM. Any customers that do not receive service today can place out a double load of garbage and recycling next Wednesday at no additional cost.

Multifamily and commercial service started early this morning. Waste Management will also be working this Saturday (weather permitting) to get caught up on multifamily and co... See More



2,616 528



Alexander Schrepfer It doesn't help when cans are already full. Bags of garbage get opened by animals.

Like - Reply - Message - 9w



Anne Florio Thanks to the crews working hard to navigate the remaining ice and snow. My toddler is really looking forward to seeing his heros soon (he's the kid who runs to the window going nuts at seeing the big trucks (2))

Like Reply Message 9w



Bud Canter Our pick up is tomorrow, the streets are pretty clear up on Finn Hill.

Like Reply Message 9w



6 E

Bud Canter Trash was picked up on schedule, thanks!

Like Reply Message 8w





Rachel Ezzour Don't worry about our trash. Stay safe.

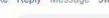
Like - Reply - Message - 8w











Kirkland, WA - Government Hi Brad, I don't have an exact plan to share at this time, but those conversations are happening. We will have a contingency plan in place if the

worst case scenario predictions for this weekend come true.

Like - Reply - Commented on by Kellie Hoiland [?] - 9w



Jennifer Nichols For those who have twice as much garbage sitting out next week due to missed garbage pick-up, please plan ahead for this. Craziness is coming.

https://cliffmass.blogspot.com/.../a-major-snowstorm-will.



CLIFFMASS.BLOGSPOT.COM

A Major Snowstorm Will Hit the Region Starting Late Friday

Like Reply Message Remove Preview 9w



Kristin Terpstra Jennifer Nichols I don't see Kirkland listed under service alerts for Thursday. I'm attempting to submit a missed pickup report (it wants an ez pay id even though our bill is through Kirkland)... might have to just watch future Billings to verify no additional charges...

Like · Reply · Message · 8w



Jennifer Nichols Kristin Terpstra we got phone calls about it but it did get picked up (oh wait, recycle did, garbage did not).

Like - Reply - Message - 8w



Like - Reply - Message - 8w



Like · Reply · Message · 8w







4,523 People Reached	2,046 Engagements	Boost Post	
⊕ 😝 50		31 Comments	11 Shares
心 Like	Comment	⇔ Share	(€) ▼



John MacGillivray Some really mean-spirited, uninformed posts here. Does anyone realize how hard city maintenance workers work to keep your streets safe during snow and ice events? They work long shifts and operate dangerous equipment under stressful conditions. Maybe a pat on the back is in order instead of piling on about a closed street that will reopen after Mother Nature melts the ice.

Like Reply Message 9w





Shay Mecham Seems like people are being unfair. I think they've done a good job maintaining the roads in such a shitty weather - for an area that doesn't receive snow in large amounts. I live on Finn hill and have successfully made it to work all week without AN... See More

Like - Reply - Message - 9w - Edited





Troy Allen Russ Well instead of buying brand new pickups every other year maybe you should spend a little more money and buy a couple plows to put on their dump trucks. They waste enough money why not waste a little more

Like - Reply - Message - 9w





Joanne Roden It's my first winter in WA (and USA) and I am so surprised at the lack of grit/salt that happens on the roads and pavements, particularly as this was forecast. Is that the norm? It's so slippy!

秘格 好 好 好 好 好 好 好 好

Like - Reply - Message - 9w





Denise Furneaux Joanne Roden Welcome! There is no normal weather. Also, our weather forecasters are notorious for panicking the city with epic snowfall predictions, only to have it warm up suddenly. Good luck. Dress in layers in this town!

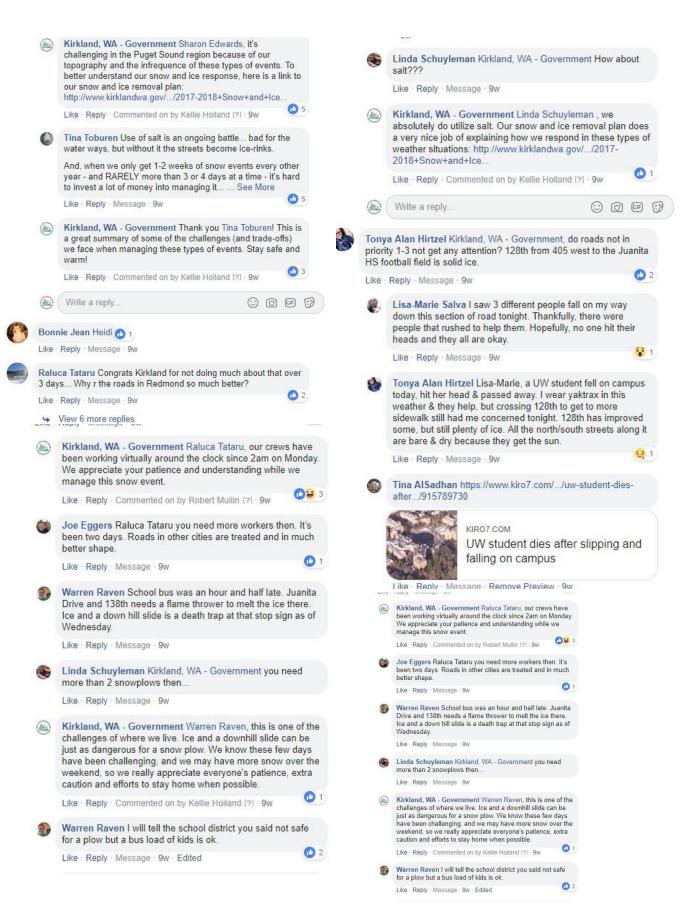
Like - Reply - Message - 9w

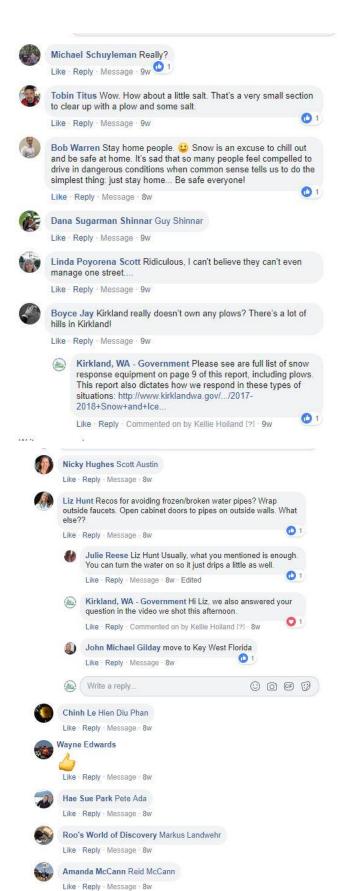




Sharon Edwards Joanne Roden This is my first winter here also since moving here from NC, via 59 years in PA before. I was wondering is this the norm of how roads are in the area when there is snow and ice? With the hills surprised that there seems to be no salt treatment when there is so many hills around.

Like - Reply - Message - 9w

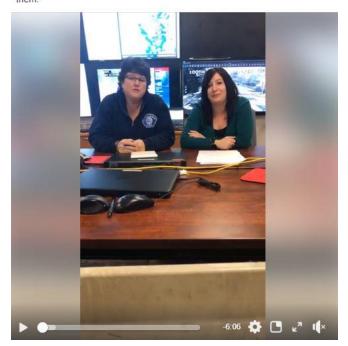








We're here today to give you some tips on how to prepare for the winter weather coming this weekend. Drop your questions below and we'll answer them.







Due to the forecast of additional snow, all Parks and Recreation programming and activities will cease tomorrow (Friday, February 8) at 1pm for the remainder of the day.

We will post about weekend activities and programming as soon as we have that information.

Thank you and stay warm!







Boost Again

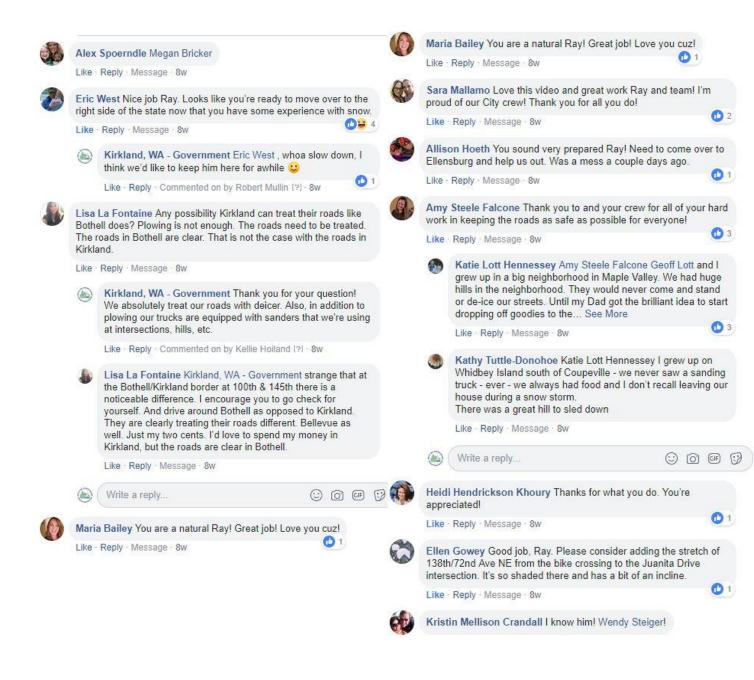


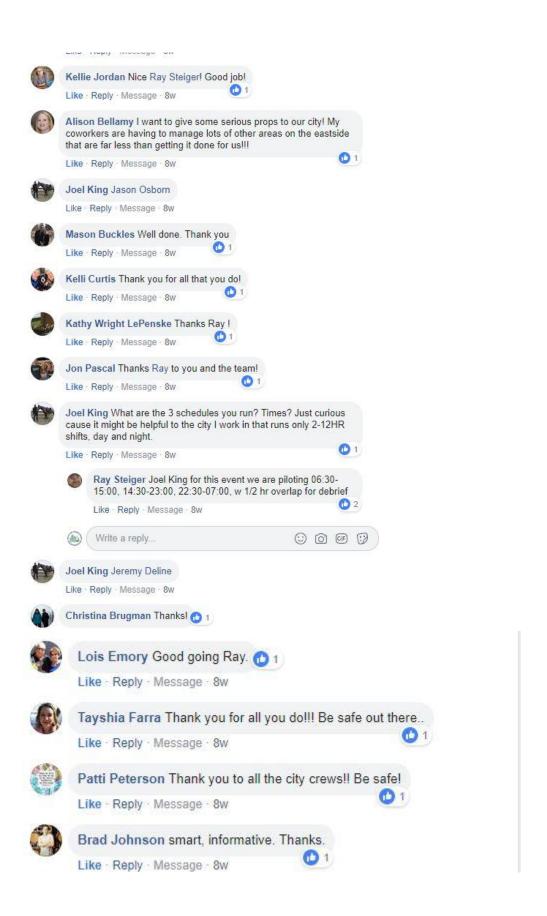
Curious about how our crews respond to winter storm events? Watch this 3 minute video to learn about our response before, during and after a snow event.



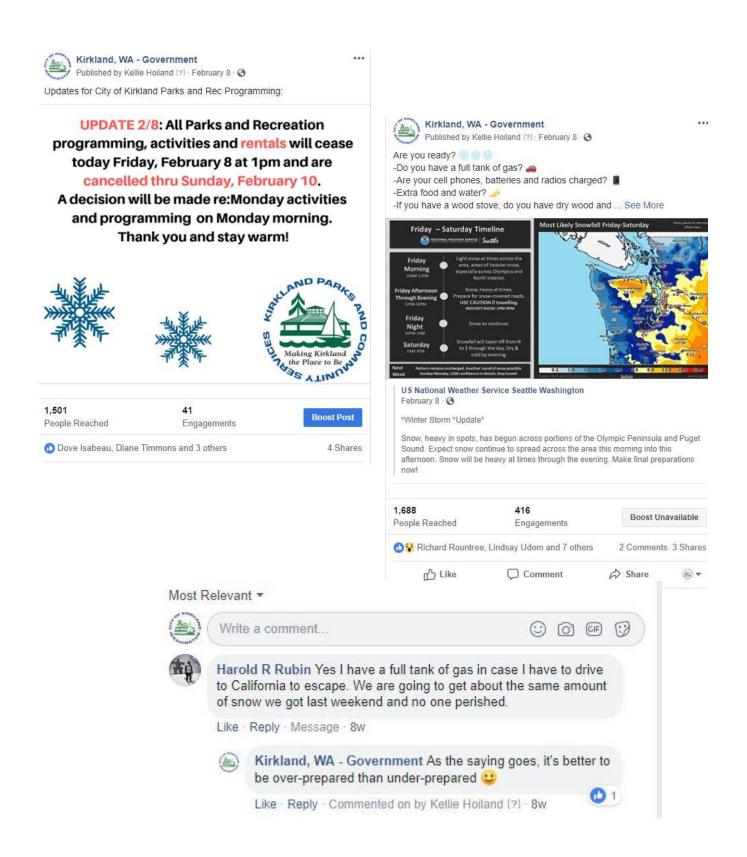
Engagements

People Reached











The snow is really starting to fall in Kirkland! When you make it home, please be ready to hunker down for the weekend. The US National Weather Service Seattle Washington is forecasting peak snowfall tonight, but snow and icy road conditions could last into next week.

If you do have to drive, be sure to pack your patience and an emergency kit with tire chains or kitty litter for traction, warm clothes and good walking shoes, and extra water and snacks. Our Public Works crews will be working to keep roads clear all weekend. You can see our priority snow routes online: https://www.kirklandwa.gov/Assets/IT/GIS/SnowRoutes.pdf









Kirkland, WA - Government

Published by Kellie Hoiland [?] - February 8 - 3

We'll be keeping an updated list (last and final update 2:23 p.m., Feb 19) of road closures here as we work through this storm. Thank you for your patience as our crews work to attend to 500 miles of roads. We've received hundreds of requests for plowing and fallen tree removal, and we're doing our best to accommodate these, but please know that we will not be able to get to everyone.

All roads have been reopened.



2.823 People Reached 519

Engagements

Boost Post



27 Comments 12 Shares

Kirkland, WA - Government Hi Dottie DiGiulio , our crews have needed to be focused on priority 1,2,3 roads all day today. Many roads were continuing to ice back over after being plowed and sanded and this caused crews to need to repeat the circuit multiple times. We appreciate your patience as our crews continue to work around the clock to respond this once in a decade storm. Stay safe and warm!

Like - Reply - Commented on by Robert Mullin [?] - 8w





Dee Dee Roe Tom Roe

Like Reply Message 8w



Dennis Ryan Pierce What about 116th? Its listed as priority 3 but it seems as though the road was closed rather than plow/sand the hill. Are we just expected to be stuck down here?

Like - Reply - Message - 8w



Kirkland, WA - Government Attempts were made today to make the road safe to reopen, but we were unable to do so. With two more storms predicted reopening this road may be challenging. We know this is inconvenient. We will update you as soon as the road is reopened.

Like - Reply - Commented on by Kellie Hoiland [?] - 8w



Danielle Smith O'Neal Thank you for your preparedness and all the extra hours you worked to keep our roads safe during the snow

Like - Reply - Message - 7w



Robert Bortolin How is the plowing coming along? Like - Reply - Message - 8w

Most Relevant is selected, so some replies may have been filtered out.

Kirkland, WA - Government Robert Bortolin, they're working hard! Main streets are mostly clear, but side streets are very slushy and icy.

Like · Reply · Commented on by Robert Mullin [?] · 8w



Robert Bortolin I know. I shoveled out our driveway this morning and watched a sedan with chains and an F250 sliding all over the road. That's why I was wondering - so I could try to guess when it would be possible to get out of the neighborhood. I know there is a lot going on and a long list before the residentials get plowed.

Like - Reply - Message - 8w

Kirkland, WA - Government Robert Bortolin we really do appreciate your patience and understanding! We'll share updates as we get them. Stay safe!



Like - Reply - Message - 8w

Kirkland, WA - Government Robert Bortolin, thank you! Would you be willing to report this here https://www.kirklandwa.gov/.../Submit a Service Request.ht



KIRKLANDWA.GOV I want to submit a service request



Margaret Bouniol Kaifer Snow plow crews have been diligent here in Juanita on NE 112th Street. Tell them thank you!

Like · Reply · Message · 8w



Kirkland, WA - Government | will!!

Like · Reply · Commented on by Kellie Hoiland [?] · 8w



Thomas Machin The city crews have been doing such a good job! Especially with the forecast for the week ahead coming in. Is there any way we can show our appreciation?

Like Reply - Message - 8w



Kirkland, WA - Government I will share your gratitude with them! Staving at home, safe and warm, is a wonderful way to show your appreciation. Also, you can always give a friendly wave to the snow plow

Like Reply Commented on by Kellie Hoiland [?] - 8w



Kate McCullough Definitely more here at the top of 61st pl. High unobstructed spot, though.

Like · Reply · Message · 8w

Kirkland, WA - Government How much snow do you think you've gotten so far?

Like - Reply - Commented on by Kellie Hoiland [?] - 8w

Kate McCullough 9 - 11 Like · Reply · Message · 8w

Kate McCullough Just measured 11, can't upload photo

Like - Reply - Message - 8w

Kirkland, WA - Government Kate McCullough, wow!



Published by Kellie Hoiland [?] · February 9 · §

Good morning Kirkland! We certainly got some snow last night. We're reporting 6-8 inches of snow with the highest amounts on North Rose Hill Neighborhood Association and Finn Hill Neighborhood Alliance, We're expecting another 1-3 inches today and the possibility of winds picking up and causing significant wind chill. Our crews have been working through the night, but we're still asking that you avoid non-essential travel. Thank you so far for heeding our advice and keeping roads clear for crews and first responders. Stay safe, stay warm, and if you have the chance, drop a picture of your winter wonderland in the comment section



2.252 People Reached 523 Engagements

Boost Post



27 Comments 16 Shares



Christine Adam Good job prepping the roads overnight -- I had to be at work at 530 am in Lakewood and now.of my driving problems were in Kirkland!

Like Reply - Message - 8w



Stacy Taylor Looking like 6-8 in Bridle Trails.

Like Reply Message 8w



Christine Adam Kingsgate we have 7" on the warmer side walk that was in the sun the day before, 8" on the bird bath, and 9" on surfaces off the ground. I believe it was 6" of new accumulation in this round of snow.

Like · Reply · Message · 8w



Patti Peterson Can't thank your crews enough for diligence in providing our community with plowing, deicing, closure updates, etc. Communication is vital to our safety and peace of mind!!! Please be safe in your work!!

Like Reply Message 8w



Brian Hargrave 9 inches on Finn Hill 72

Like Reply Message 8w



Like - Reply - Commented on by Kellie Hoiland [?] - 8w



Brian Hargrave And more on the way lol

Like Reply Message 8w



Kirkland, WA - Government Brian Hargrave, that's the truth, Iol. Stay warm!

Like · Reply · Commented on by Kellie Hoiland [?] · 8w

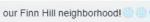


Diana Walker Lafornara 6 inches in Houghton

Like · Reply · Message · 8w



Bud Canter 8+ inches in our Finn Hill neighborhood! 💮 💮 🔠 🐯



Like - Reply - Message - 8w



Kirkland, WA - Government Whoa! That's a bunch of

Like - Reply - Commented on by Kellie Hoiland [?] - 8w



Bud Canter Kirkland, WA - Government, just cleared the driveway, could use a drive through by a snow plow though! 90th PLN F

Like - Reply - Message - 8w



Kirkland, WA - Government Hi Bud Canter, the plows are currently doing priority 1, 2, and 3 routes. The roads are icing back over even after they've been sanded and plowed so they've been needing to repeat the circuit numerous times

Like - Reply - Commented on by Kellie Hoiland [?] - 8w



Bud Canter Kirkland, WA - Government, I know, we are just a cul de sac off the main road, didn't hurt to ask.

Like - Reply - Message - 8w



Kirkland, WA - Government Bud Canter, of course, it never hurts to ask 🙂 I'd drive a plow up there myself, but Public Works keeps telling me: "Get out of the plow! You don't know how to drive that thing! You're going to kill someone." So I've settled with trying to keep you all updated instead. Have a wonderful afternoon and stay safe.

Like - Reply - Commented on by Kellie Hoiland [?] - 8w



Dottie DiGiulio Now that the main roads seem to be cleared is there a chance that some side roads get treated. NE 139th Street has not been touched since Feb.2, and since Monday night Feb.11, there has been a Metro Access Bus stuck in these hill this street is used by many, many people just wondering

Like - Reply - Message - 8w



Arli Ruiz Is Simonds rd open now? I saw it on the list as closed on the update and now it's gone. Just wanting to make sure

Like - Reply - Message - 8w



Kirkland, WA - Government Yes, it is now open. 1

Like · Reply · Commented on by Kellie Hoiland [?] · 8w



Shardul Varma Can residents request the city to plow a street? I can't seem to leave my street due to the depth of the snow. I live in Finn Hill

Like - Reply - Message - 8w

Write a reply.



Haruko Inoue Shardul, you're stuck there, dude! Hope you have enough food! 😛

Like · Reply · Message · 8w



Kirkland, WA - Government Hi Shardul, yes, please submit your plow request here: https://www.kirklandwa.gov/.../Submit a Service Request.ht

Like - Reply - Commented on by Chris Hendrickson [?] - 8w











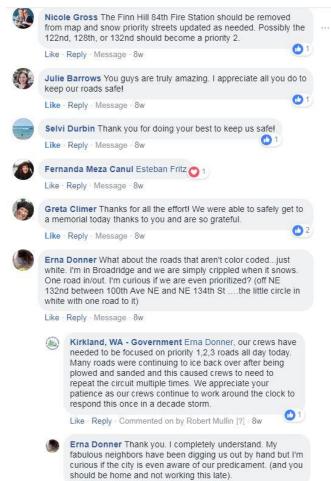


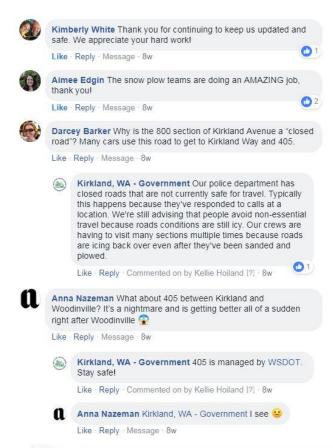
We hope that everyone is staying safe and warm! Our crews are still out working hard to clear streets, Remember you can check our snow plow routes on the City website

https://www.kirklandwa.gov/Assets/IT/GIS/SnowRoutes.pdf. Also, make sure to check our updated road closure post. Our Emergency Operations Center has been operational since yesterday, but will be closing today at 2pm. Sunday night to Monday morning may produce more snow and icy conditions so the morning commute may be challenging. We'll be providing updates here.



3,624 922 Boost Post
People Reached Engagements







Kim Davis Convertino The downslope heading south on 6th St just before you hit the intersection with 7th Ave is ICY and cars are sliding down the stop sign

Like Reply Message 8w



Kirkland, WA - Government Thank you. I'll share this with our crews.

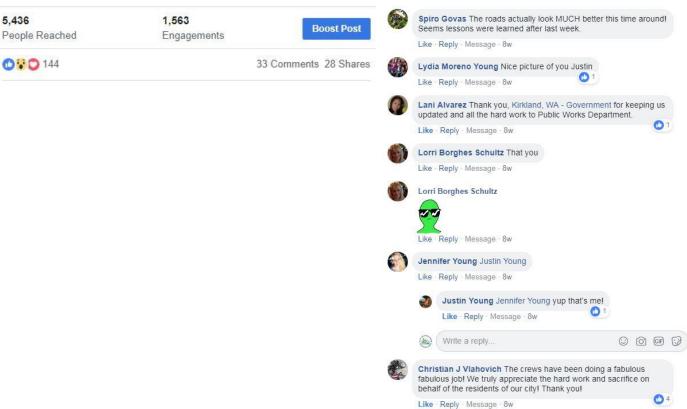


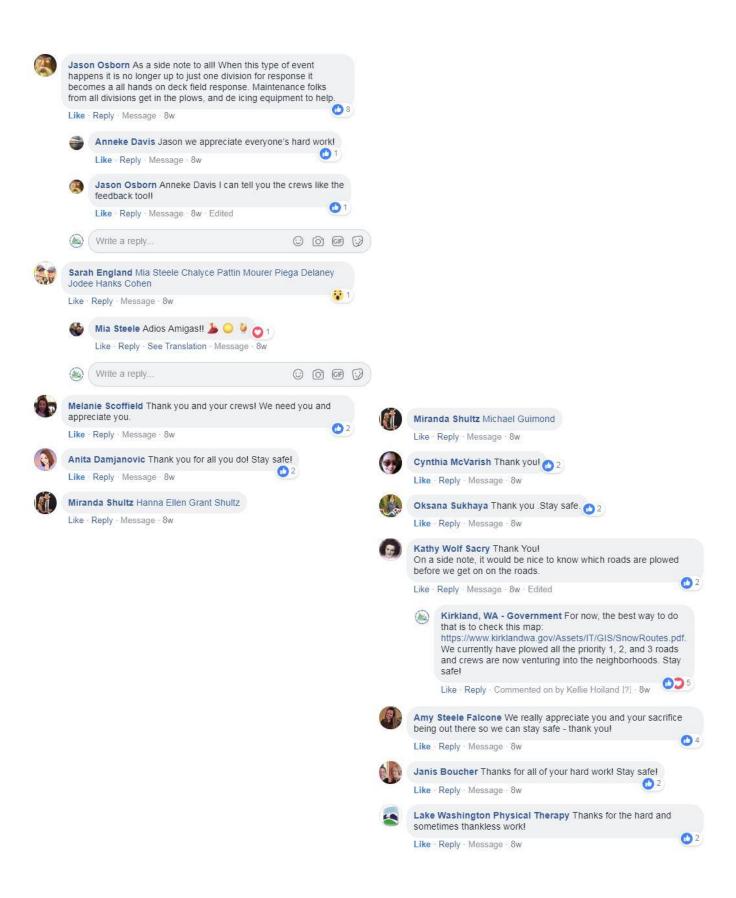
The US National Weather Service Seattle Washington is predicting two significant winter storms that are expected to affect Western Washington. The first will move across the area this afternoon and tonight. The second will affect the area about midday Monday through Tuesday. The second storm will be the more significant of the two.

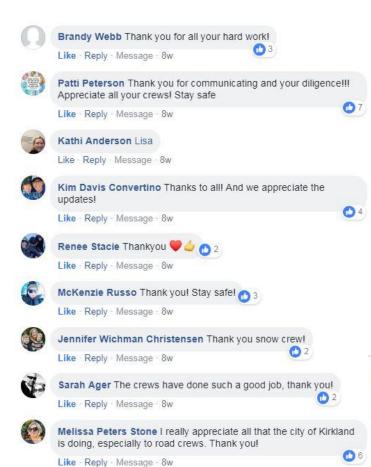
Public Works will be continuing 24 hour shifts (3- 8 hour shifts) thru Tuesday morning.

They're saying that we are experiencing a once in a decade or two winter storm event. We appreciate your patience as our crews work diligently to clear streets.











Kirkland, WA - Government

Published by Kellie Hoiland [?] · February 10 · 🔇

We've just been told that our snow removal crews are starting to branch out from the priority routes and into the neighborhoods as much as they can. There are three things you can do to help us out:

- 1. Uncover your meter box if you know where it is
- 2. Put your vehicles in your driveway if possible
- 3. Uncover storm drains in front of your house

Also, please remember that property owners are responsible for removing ice and snow from the sidewalks that are adjacent to their property.

Thank you for your help!



6,132 2,021
People Reached Engagements Boost Post

Draw Evia Peerbhai, Chantel Kelley and 109 others 55 Comments 30 Shares



April Marie Thank you for running the plow through our neighborhood last night. Made a huge difference!

Like - Reply - Message - 8w





Johanna Palmer The plows came through my neighborhood today. They were able to scrape down to the "Seattle cement".

Like Reply · Message · 8w



Lynda Crescenzi Ya I kept seeing 6 plows all in a row on 405 outside Overlake

Shoveling the sidewalk seems to make it worse less slippery with snow on it

Like Reply Message 8w



Becky Godinez I was proud of our neighbor yesterday, clearing their walk...today the plows came down the street & buried them...I took a moment to redig them out, but what a bugger!

Like Reply Message 8w



Chris Carlson Glad the plow team are at work. One minor gripe: are we responsible for the sidewalk every time that the snowplow comes by and covers it back up with more slush from the road? I shoveled the western side of 108th from 52d to 53d yesterday morning, and ... See More

Like Reply Message 8w





Becky Godinez Exactly! 2

Like · Reply · Message · 8w



Kirkland, WA - Government We hear your frustration. All we ask is that you do your best while being mindful of your safety and the safety of others. With this storm having arrived and the more major one on the way tomorrow, I don't think anyone would fault you for waiting to shovel until the snow subsides. Be safe!





Andrew Purvis I've been salting the sidewalk by my condo complex, plus three corners of the intersection. Last night a teenager walking with a couple of friends thanked me for it.m; that was much better than the night before, where I got a lecture on "chemtrails," aluminum oxide, and the Luciferians running HARP and CERN.

Like · Reply · Message · 8w





Kirkland, WA - Government We also appreciate your efforts!

Like · Reply · Commented on by Kellie Hoiland [?] · 8w



Caroline Eclipse Yes! Please make the hilly side streets a priority. Thank you!

Like - Reply - Message - 8w - Edited



Carolyn Edwards I grew up in Seattle, where that requirement was stringently enforced. I agree that the communication is poor, if non-existent until this series of storms. They could go low-tech and reach a lot of people by putting up sandwich boards downtown and at m... See More

Like Reply Message 8w



Julie Reese My 12 year old granddaughter used the only thing we had....a broom... and cleared in front of the mailboxes on our street!

Our mail lady is a tiny thing, hoping to keep her in one piece!

Like Reply Message 8w





Jackie Pendergrass I think the requirement for property owners and sidewalks is poorly communicated to the owners. All the businesses on 100th Ave NE between NE 132nd St and NE 137th St are snow covered. There have been lots of folks walking along here making them walkable, but by no means cleared off/

Like Reply Message 8w



Kirkland, WA - Government Thanks for your comment Jackie. We've noted this and will work with our partners at the Kirkland Downtown Association and the Greater Kirkland Chamber of Commerce to see if we can better communicate this in the future.

Like - Reply - Commented on by Kellie Hoiland [?] - 8w



Lynette Ellis As much as I appreciate all they are doing they could certainly slow down and lower the blades. We, my neighbors and I were all saying the same thing. As many passes as they made they didn't clear much. We did realize when they were treating the roads vs plowing. I do appreciate what they do!

Like - Reply - Message - 8w



Krysia Kuczynska We will go clear the storm drain now. Thank you!

Like · Reply · Message · 8w





Kirkland, WA - Government Thank you!

Like - Reply - Commented on by Kellie Hoiland [7] - 8w



Sarah Gibbs Thank you for the validation. My husband was not happy to shovel a block of 93rd Ave yesterday. I told him you wanted a corner lot on a wetland - get to work 🍊 🛴 🍊 Besides we are the main path to the beach and everyone thanked us. We will try to help the neighbors out today.

Like · Reply · Message · 8w





Kirkland, WA - Government We love this comment!

Like - Reply - Commented on by Kellie Hoiland [?] - 8w



Laura A. Garcia How about condo communities?

Like · Reply · Message · 8w

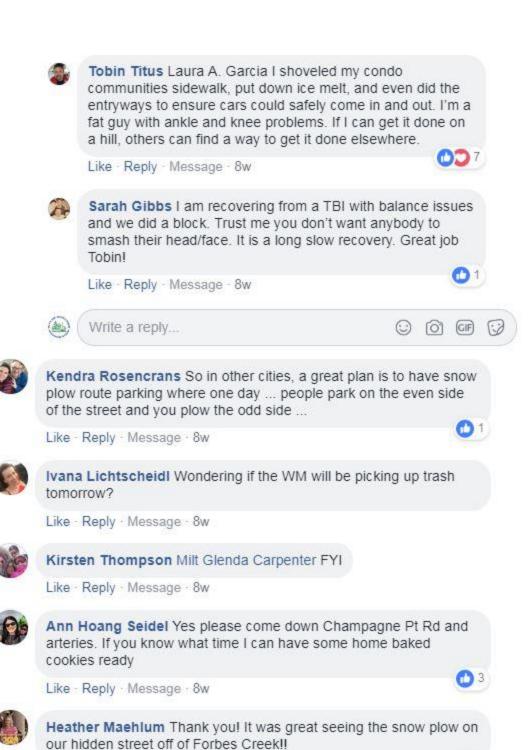




Jaime Lusardo Sarah Gibbs thank you! 7 2



Like Reply Message 8w



Like - Reply - Message - 8w



Melanie Wise Will be looking for you on 84th Ave NE. Hoping you'll come beyond 119th this time.

Like Reply Message 8w





Aimee Hickman Woolwine Thanks so much! The plow just came into our cul-de-sac.

Like · Reply · Message · 8w





Diana Sanchez Is there a page for everett?

Like Reply Message 8w



Kirkland, WA - Government Are you asking about the City of Everett?

Like · Reply · Commented on by Kellie Hoiland [7] · 8w



Kathi Anderson yes, there is. Use your FB search bar and enter 'city of Everett'

Like - Reply - Message - 8w





Write a reply...









Tobin Titus Shoveled the sidewalks on my condo's property yesterday. You can't seriously be threatening people for not removing snow, however, when you are still working on streets. 1st Street in front of city hall is a sheet of ice still. If you can't clear the roads adjacent to government property, please don't threaten those who can't clear the sidewalks adjacent to theirs.

Like · Reply · Message · 8w





Kirkland, WA - Government It's a friendly reminder and a request for help. It's not a threat. Stay warm and safe.





Jennifer Kern Buchholz Tobin Titus didn't sound like a threat to me...just reminding people of their responsibility. This snowfall isn't normal and usually disappears quickly. We all have to help out...

Like Reply Message 8w Edited





Tobin Titus Jennifer as you said, it's not normal. So asking people to do something that we all clearly aren't prepared for is horrible. You can't find snow shovels anywhere in the city (I had to search one down and borrow it). You can't find snow melt either. If ... See More

Like · Reply · Message · 8w · Edited





Tobin Titus Kirkland, WA - Government Just a reminder that you are responsible for clearing the sidewalks adjacent to your property! The fire station, and city hall sidewalks are 100% covered in ice and snow!

Like Reply Message 8w



Kirkland, WA - Government

Published by Kellie Hoiland [?] - February 10 - §

Stay safe everyone!



987 Views

US National Weather Service Seattle Washington February 10 · 🕥

Snow has started to make its way into the interior lowlands. Expect snow showers, heavy at times, to continue through the evening hours.





Road Closure: NE 85th St between 6th St and 114th Ave NE is currently closed due to a vehicle accident involving a passenger vehicle sliding into a snow plow at 85th St and 6th St. There are no reported injuries. Please stay off the roads if you can. Our crews are working hard tonight, but they need your help.

...

We are still keeping a running list of road closures pinned at the top of our Facebook page. Please check there for updates.

Stay home, stay warm, stay safe.

4,267 People Reached	1,410 Engagements	Boost Post
□ ₩□51		12 Comments 17 Shares

Most Relevant *



Write a comment...









Autumn Hawkins Thank you Kirkland! I have to be to work at 5am in Bridle Trails from Redmond.

Like - Reply - Message - 8w



Roni Magnuson Autumn Hawkins bridle trails area is fine 2



Like - Reply - Message - 8w



Autumn Hawkins Roni Magnuson Thank you, just got to work! Snow is falling...again. 🔬

Like - Reply - Message - 8w



Write a reply...











Christine Adam The hill into DT Kirkland from the freeway?

Like Reply Message 8w



Kirkland, WA - Government Map is below:



Like - Reply - Commented on by Kellie Hoiland [?] - 8w



Christine Adam Kirkland, WA - Government thx!

Like Reply Message 8w





Mike Cimprich Is it safe to assume trash pick up won't be happening tomorrow morning?

Like Reply Message 8w





Kirkland, WA - Government Waste Management will be sending out a notification early tomorrow morning, but given the weather conditions we're not very optimistic. We'll share an update when we can.

Like - Reply - Commented on by Kellie Hoiland [?] - 8w





Autumn Hawkins It's the Redmond Way/85th hill that needs lots of love!

Like - Reply - Message - 8w



Kirkland, WA - Government Please be safe tomorrow morning. We are confident that roads will be challenging.

Like - Reply - Commented on by Kellie Hoiland [?] - 8w





William Sims Taylor Sims (1)



Like Reply Message 8w



Harold R Rubin How ironic!

Like · Reply · Message · 8w



After reviewing weather reports and receiving updates from school districts and other jurisdictions, for the safety of the public and our employees, City Hall, the Kirkland Justice Center, Municipal Court and the Community Centers will be closed to the public on Monday, February 11. All Monday classes and recreation programs are also cancelled. Police and Fire will continue operations. Public Works and Parks will still continue to respond to the snow event as they have been. A decision on whether City facilities will reopen on Tuesday will depend on weather conditions. Heavy snow is in the forecast for throughout the day. We appreciate your efforts to avoid non-essential travel as our crews work diligently to managed this storm event.



6 Comments 11 Shares

Richard Rountree, Dhard Ramos and 25 others



Mary Scott Would have been nice if WM would have let us know yesterday before we hauled out tooters back down our driveway. The announcement says check WM website for service notifications. I checked this morning and as of 10 am I couldn't find any information on collection. WM has a lock on providing Garbage collection. Maybe the City could try to at least negotiate a rebate when we don't get our garbage picked up.

Like - Reply - Message - 8w



Kirkland, WA - Government Hello Marv, is the website you checked: http://wmnorthwest.com/weatherboard.html. Also, we've been posting updates on our City Facebook page when we receive them. I believe we posted our message a bit after 7am this morning. Don't hesitate to use us as a resource as

Like - Reply - Commented on by Kellie Hoiland [?] - 8w



Mary Scott The weatherboard portion of the website was only published yesterday. Too late for those of us with Monday pickup and need to have the cans on the street before 7 am. I realize we can't do anything about the weather but I do think WM could do a better and more timely job of alerting us as to pick-up cancellations.

Like Reply Message 8w



Kirkland, WA - Government We'll share your concerns with them. Stay safe Marv!

Like Reply Commented on by Kellie Hoiland [?] - 8w



Write a reply...









Kim Davis Convertino Looking forward to plan announcement!

Like - Reply - Message - 8w

...

There is no residential or multifamily/commercial service today. When weather clears we have worked with Think Green Kirkland (Waste Management) to implement a plan to ease the impact on residents. https://www.kirklandwa.gov/.../City of Kirkland and Waste Man...



KIRKLANDWA.GOV

City of Kirkland and Waste Management have a Plan for Easing Storm Delays

KIRKLAND, Wash. (Feb. 11, 2019) Weather and safety issues have recently interrupted garbage, recycling and yard waste services for some...

4,075
People Reached
Engagements

☐ Tracy Squillace, Meredith Reilly and 24 others
☐ Like
☐ Comment
☐ Share

Most Relevant ▼



Write a comment...











Marv Scott Would have been nice if WM would have let us know yesterday before we hauled out tooters back down our driveway. The announcement says check WM website for service notifications. I checked this morning and as of 10 am I couldn't find any information on collection. WM has a lock on providing Garbage collection. Maybe the City could try to at least negotiate a rebate when we don't get our garbage picked up.

Like · Reply · Message - 8w



Kirkland, WA - Government Hello Marv, is the website you checked: http://wmnorthwest.com/weatherboard.html. Also, we've been posting updates on our City Facebook page when we receive them. I believe we posted our message a bit after 7am this morning. Don't hesitate to use us as a resource as well.



...

Published by Kellie Hoiland [?] - February 11 - 3

There is no residential or multifamily/commercial service today. When weather clears we have worked with Think Green Kirkland (Waste Management) to implement a plan to ease the impact on residents. https://www.kirklandwa.gov/.../City of Kirkland and Waste Man...



KIRKLANDWA.GOV

City of Kirkland and Waste Management have a Plan for Easing Storm Delays

KIRKLAND, Wash. (Feb. 11, 2019) Weather and safety issues have recently interrupted garbage, recycling and yard waste services for some...



Most Relevant *



Write a comment...







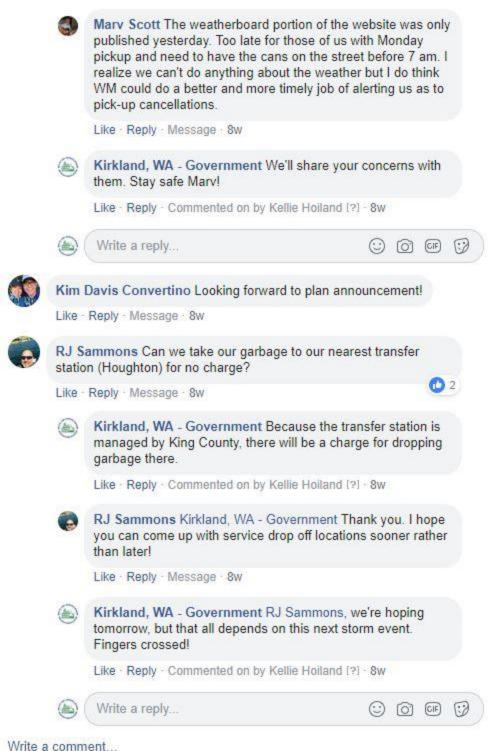


Marv Scott Would have been nice if WM would have let us know yesterday before we hauled out tooters back down our driveway. The announcement says check WM website for service notifications. I checked this morning and as of 10 am I couldn't find any information on collection. WM has a lock on providing Garbage collection. Maybe the City could try to at least negotiate a rebate when we don't get our garbage picked up.

Like · Reply · Message - 8w



Kirkland, WA - Government Hello Marv, is the website you checked: http://wmnorthwest.com/weatherboard.html. Also, we've been posting updates on our City Facebook page when we receive them. I believe we posted our message a bit after 7am this morning. Don't hesitate to use us as a resource as well.





Please be aware that King County Metro is on Emergency Snow Network. We're still anticipating the arrival of another winter storm later this morning. The impact of the storm is hard to predict, but it's almost guaranteed to make travel challenging. If you can stay home, please do so.



All Comments *



Write a comment...









Tobin Titus Kirkland, WA - Government Just a reminder that you are responsible for clearing the sidewalks adjacent to your property! The fire station, and city hall sidewalks are 100% covered in ice and snow!

Like Reply Message 8w





Kirkland, WA - Government Crews are out working on it right now. Thanks!



Like - Reply - Commented on by Kellie Hoiland [?] - 8w





Tobin Titus That's ON the property. Make sure to get the sidewalks adjacent to them! Thank you!

Like - Reply - Message - 8w



Write a reply...









Tobin Titus Also, why are our plows going up and down first street without actually plowing? Is there something we can do to help them clear the snow on the street? Something preventing them from putting the plow down?

Like · Reply · Message · 8w



Kirkland, WA - Government If a plow doesn't have it's plow down then it's quite possible that it's in route to another location. As for being helpful, these are the three ways community members can help us out: 1. Uncover your meter box if you know where it is

- 2. Put your vehicles in your driveway if possible
- 3. Uncover storm drains in front of your house

Like · Reply · Commented on by Kellie Hoiland [?] · 8w



Tobin Titus Kirkland, WA - Government cool. I've cleared my condo communities sidewalk and cleared the drains. We all park in the garage so we aren't in the driveways. I have no idea where the meter box is.

I will look for it. What does that do, if you don't mind me asking.

Like - Reply - Message · 8w



Kirkland, WA - Government Tobin Titus, I believe that the plows can catch it. That's why they ask to clear the drains as well. If the plows catch a man hole cover it can literally throw the driver from their seat (I've been told). Thank you so much for your efforts! It is much appreciated.



Tobin Titus Also, why are our plows going up and down first street without actually plowing? Is there something we can do to help them clear the snow on the street? Something preventing them from putting the plow down?

Like Reply Message 8w



Kirkland, WA - Government If a plow doesn't have it's plow down then it's quite possible that it's in route to another location. As for being helpful, these are the three ways community members can help us out: 1. Uncover your meter box if you know where it is

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Like - Reply - Commented on by Kellie Hoiland [?] - 8w



Tobin Titus Kirkland, WA - Government cool. I've cleared my condo communities sidewalk and cleared the drains. We all park in the garage so we aren't in the driveways. I have no idea where the meter box is. 😞 I will look for it. What does that do, if you don't mind me asking.

Like · Reply · Message · 8w



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Like - Reply - Commented on by Kellie Hoiland [?] - 8w



Write a reply...









Kirkland, WA - Government

Published by Kellie Hoiland [?] · February 11 · §

The Open House for the 124th Ave NE Project that was previously scheduled for tomorrow evening (2/12) has been cancelled. We will let you know when a new date is chosen.

More info on the project can be found here: https://www.kirklandwa.gov/.../Event_Canceled__Kirkland_Resid...

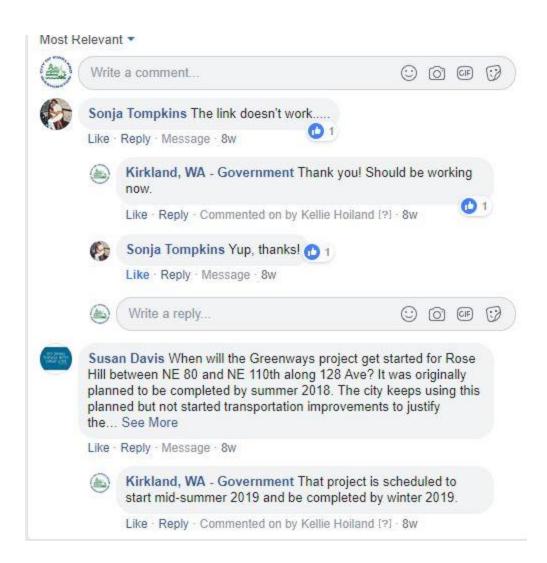


1,275 People Reached **81** Engagements

Boost Post

Dhard Ramos, Al Miller and 4 others

5 Comments

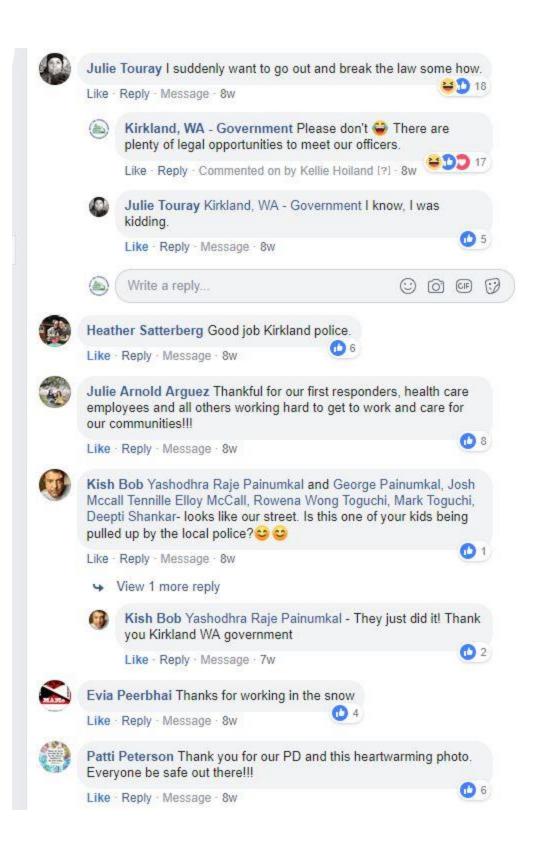




We interrupt our road closure coverage to let you know that neither snow or sleet will stop our Kirkland Police officers from patrolling our streets $\ensuremath{\mathfrak{C}}$











All City of Kirkland's Recreation Programs and Activities will be cancelled tomorrow, Tuesday, February 12. Your safety is our number one priority, stay safe and warm.





Write a comment...











Diana Sanchez Where is this at?

Like Reply Message 8w



Kirkland, WA - Government This is at Heritage Park, located at 111 Waverly Way. It's a gorgeous area right off of Market Street.



Like - Reply - Commented on by Chris Hendrickson [?] - 8w



Wendy Spence Whitehill Beautiful photo!

Like - Reply - Message - 8w





Denise Furneaux Great photograph.

Like - Reply - Message - 8w





Amy Luke Rachel Gan I want to take pictures here when you come

Like Reply Message 8w



→ 1 Reply



Jennifer Dorsch Mahan Lovely photo!

Like Reply Message 8w





Ben Frey where is this??? (1) 1





Kirkland, WA - Government This is Heritage Park! It's beautiful with a great walking path. It's located right off Market Street at 111 Waverly Way. Here is a less snow-filled perspective:



Like - Reply - Commented on by Chris Hendrickson [?] - 8w



Ben Frey Thx for info! Somewhat new to Kirkland. I'll check it out when we all can drive again lolol

Love · Reply · Message · 8w





Kirkland, WA - Government Welcome!! We are happy to have you here.

Yes, waiting until the roads have improved is the wisest course of action. But be sure to check it out - the views are stunning!



Like - Reply - Commented on by Chris Hendrickson [?] - 8w



Latest weather forecasts indicate a strong possibility of unsafe driving conditions tomorrow, so for the safety of the public and our employees, City Hall, the Kirkland Justice Center, Municipal Court and the Community Centers will continue to be closed to the public on Tuesday, February 12. Police and Fire will continue operations. Public Works and Parks will still continue to respond to the snow event as they have been. We appreciate your efforts to avoid non-essential travel as our crews work diligently to manage this storm event.



1,643 People Reached **67** Engagements

Boost Post





This is an important message from Think Green Kirkland (Waste Management):

Due to weather and safety issues, we are unable to provide your service today. Because; this is your second week without service, we are arranging special "drop-off" opportunities – for garbage and recycling. Locations and dates will be communicated as soon as conditions allows.

For the most up-to-date information as conditions change, please go to http://wmnorthwest.com/weatherboard.html.

The City and Waste Management thank you for your patience!



3,982 People Reached 1,166 Engagements

Boost Post



Jen Baccus So now we pay to bring out garbage to you?

Like Reply Message 8w



Yukiko Shimamoto How do you put double load of compost at the curb?

Like - Reply - Message - 8w



Erna Donner Thank you for doing a great job communicating.

Like Reply Message 8w





Dayna Hall Will drop off locations mean we won't be able to put extra out for free? If they can't get here, I'm not sure why they think we can get there.

Also, why is it they were able to pick up yard and recycling but not garbage? Seems truck priority was a little off

Like - Reply - Message - 8w





Kirkland, WA - Government Hi Dayna, yes you will still be able to put out extra when service resumes. A triple load will be accepted at no extra cost. The collection stations would just be another option for people that feel they can't wait until their next scheduled service da... See More

Like - Reply - Commented on by Kellie Hoiland [?] - 8w





Kim Davis Convertino When will these drop off locations open?

Like - Reply - Message - 8w - Edited



Kirkland, WA - Government Kim Davis Convertino if conditions improve then we're hoping as soon as tomorrow.

Like - Reply - Commented on by Robert Mullin [?] - 8w





Laine Gawthrop Kim Davis Convertino are you really packing 2 weeks of garbage in car? Brian so far says not willing to do that.

Like - Reply - Message - 8w



Write a reply...











Noah Richards Just got the notification for this at 8am this morning. It's disappointing that they are only open today from 9am-4pm. If there was more notice or hours that go later in the day, I could have made plans to drop things off. As is, we have one car that can make it out of our neighborhood and it's going to be a challenge to get there in time.

Like - Reply - Message - 8w



Kirkland, WA - Government Hi Noah, I think there is a strong possibility that a location will also be available tomorrow. We'll be posting as soon as confirm that.

Like - Reply - Commented on by Kellie Hoiland [?] - 8w





Noah Richards Kirkland, WA - Government awesome, thanksl

Like - Reply - Message - 8w



Write a reply...











Ellen Gowey This is the third week for Finn Hill...granted, I don't want a garbage truck slipping and sliding down our street....

Like · Reply · Message · 8w





Kash Eghtedari third week here.

Like - Reply - Message - 8w



Laine Gawthrop Brian

Like · Reply · Message · 8w



Cailley Aguirre Patty Glenn

Like - Reply - Message - 8w



Miranda Shultz Hanna Ellen

Like - Reply - Message · 8w



Stephanie Saracevic Dino Saracevic FYI

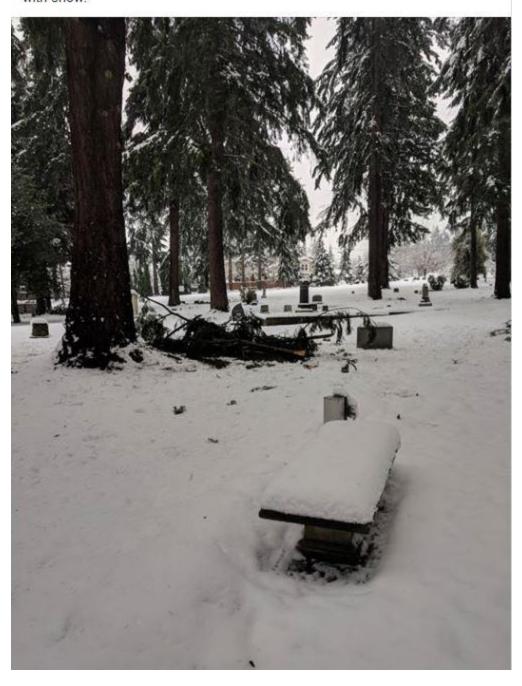
Like · Reply · Message · 8w

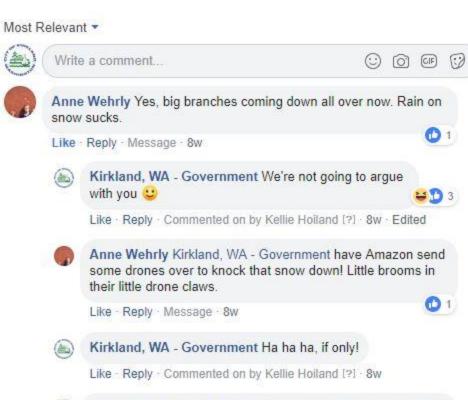


Stephanie Owens Yulaev Yuri Yulaev



Please avoid heavily treed areas this morning. Our crews are responding to numerous reports of trees and limbs down. Please be safe and avoid trees with snow.



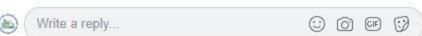




Thanks for your continued updates and safety advisories!

Like - Reply - Message - 8w

Alex Payne Anne Wehrly I threw old oranges at tree branches in my yard to knock snow off! It worked a little bit! But now I have fruit in snow in my yard....





Our Fire Department is asking you to avoid going under or climbing on car ports and/or covered parking. We have had reports of a few collapses already in the area. Stay safe!



6,248 1,300
People Reached Engagements Boost Post

♠ Richard Rountree, Diana Daum and 53 others 18 Comments 34 Shares



Molly Scoville Rhoten My son and I walked our dog and cleared 6 storm drains on our route! I came home and shoveled the one in front of my house really clear so the water has lots if paths to it. You know you've succeeded when you hear that lovely rush of water washing away snow and future ice!!

Love - Reply - Message - 8w





Jesse Herzog We have several large retention/control ponds in our ROSE HILL COTTAGE cul de sac (just south of churchome campus) with several storm drains above. Many of the storm drains are blocked by vehicles that can't move at the moment due to compact snow/ice.... See More

Like - Reply - Message - 8w



Kirkland, WA - Government You can make a service request

https://www.kirklandwa.gov/.../Submit a Service Request.ht m. However, we can't guarantee service to everyone that makes a request due to priorities, safety, access, etc. Stay safe, side roads are still very slushy this morning.

Like Reply Commented on by Kellie Hoiland [?] - 8w



Jesse Herzog Kirkland, WA - Government Thank You!

Like - Reply - Message - 8w



Write a reply...











Jennifer Nichols In the 1996 storm we actually had to dig paths to the drains as well. When melting started, it just hung out under the snow unless it had decent pathways.

Like - Reply - Message - 8w





Tiffany Rauen That's what I had to do in our neighborhood yesterday!



We need your help!

In preparation for the inevitable snow-melt and anticipated rainfall, the City is working proactively to prevent the localized flooding caused by clogged storm drains. If you can safely do so, please make sure that your storm drain grates are free from icy slush and other debris, so the water has an uninterrupted pathway.

While our City crews do their best to keep storm drains clear, recent efforts have been focused on keeping our roads safe and passable. There are over 12,000 storm drains in the City of Kirkland, and safely ensuring that all are free from obstructions will reduce flooding and increase the overall safety of our roads for both vehicles and pedestrians.

There is a layer on the public GIS browser at maps.kirklandwa.gov that may help you located your storm drain. It's under "storm system" (located under "utilities" in the public browser) and they are labeled as "catch basins" (the more technical term for storm drains).



9,871 People Reached 2,627 Engagements

Boost Post

Richard Rountree, Jake Domer and 78 others

29 Comments 65 Shares



Molly Scoville Rhoten My son and I walked our dog and cleared 6 storm drains on our route! I came home and shoveled the one in front of my house really clear so the water has lots if paths to it. You know you've succeeded when you hear that lovely rush of water washing away snow and future ice!!

Love - Reply - Message - 8w





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Like - Reply - Message - 8w



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Like Reply Commented on by Kellie Hoiland [?] - 8w



Jesse Herzog Kirkland, WA - Government Thank You!

Like Reply Message 8w



Write a reply...











Jennifer Nichols In the 1996 storm we actually had to dig paths to the drains as well. When melting started, it just hung out under the snow unless it had decent pathways.

Like - Reply - Message - 8w





Tiffany Rauen That's what I had to do in our neighborhood yesterday!



Elizabeth Walkey As someone mentioned earlier, you might also need to shovel a pathway to the drain. A neighbor cleared the drain but fallen branches from our trees (along with our optimistically placed waste containers 😂) were blocking the flow. All clear now.

Love · Reply · Message · 8w





Audrey Jolly This was not super user friendly, but achievement unlocked: locate storm drain. secondary achievement unlocked, cleared storm drain.

Like - Reply - Message - 8w





Kirkland, WA - Government You're awesome!

Like · Reply · Commented on by Kellie Hoiland [?] · 8w



Audrey Jolly Kirkland, WA - Government I like that I am endorsed by the city of Kirkland. It's going on the resume.



Haha - Reply - Message - 8w





Write a reply...









Paul Edward Morris Who puts the Wool Blanket covers under the Drains Grates? Firestone Tires in NRH had that One covered. That One made perfect sence.

Like - Reply - Message - 8w



Kirkland, WA - Government Contractors are required to put in a barrier/inlet protection to keep sediment and other construction debris out of storm drains that might be impacted by their projects. It is generally a piece of filter fabric that does look like a piece of felt or a... See More

Like · Reply · Commented on by Kellie Hoiland [?] · 8w





Paul Edward Morris Kirkland, WA - Government thank you. I hope this "filter" is removed Today.... I can probably check, and remove it myself... My 21 YO Son goes around and unclogs drains already. Has been doing it for some time now.

Like - Reply - Message - 8w



Andy Dunn Kirkland, WA - Government there was some sort of a sock/filter thing that was full of debris in mine. I removed it and water is flowing now. I put in a service request for someone to check I did the right thing.

Like Reply Message 8w





Like Reply Message 8w



Like - Reply - Commented on by Kellie Hoiland [?] - 8w



Like - Reply - Message - 8w



Like - Reply - Commented on by Kellie Hoiland [?] - 8w



Andy Dunn Kirkland, WA - Government that was quick.

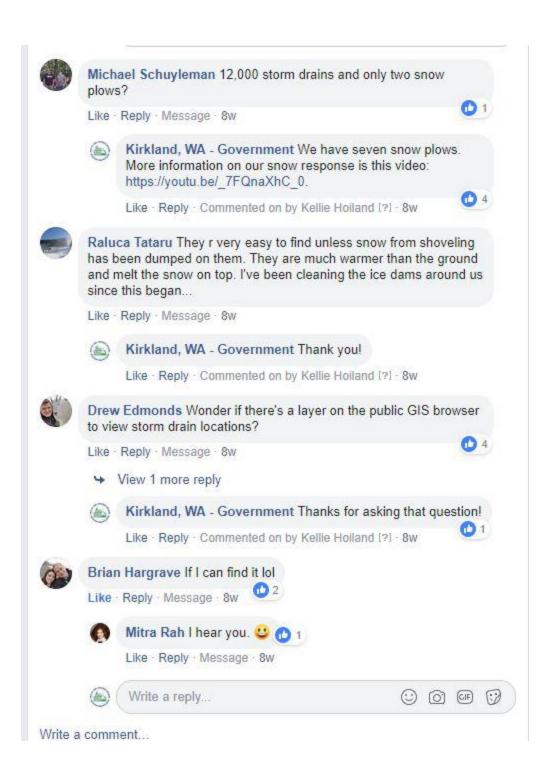
Someone already came and made sure it was ok. It's a silt sock for the Peter Kirk builders and they will replace it once the snow melts. Thanks

Like · Reply · Message · 8w





Andy Dunn Gotta love when the Kirkland snowplough comes and drives through the lovely cleared drain and channels you made so you have to go back out and clear it again!



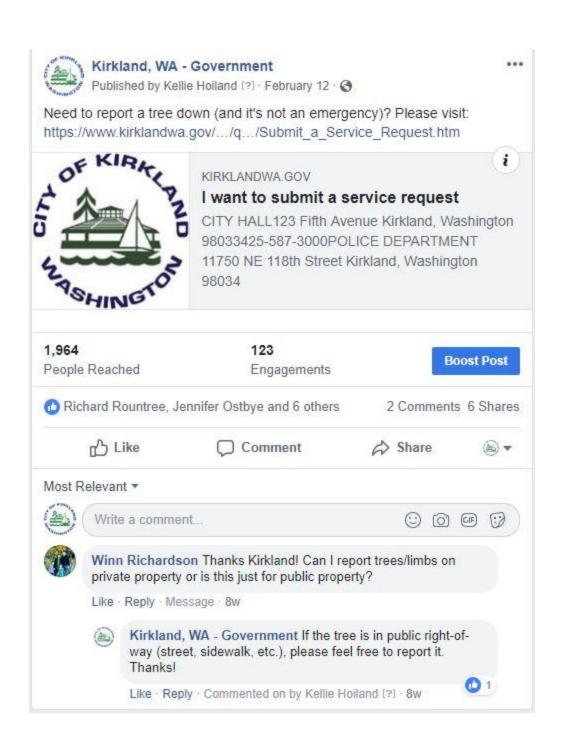


We do have reports of downed lines. Remember to play it safe around electricity!!



Safety first! Never touch or go within 35 feet of downed or low hanging power lines because they might be energized. Call PSE at 1-888-225-5773 or 911 to report problems!

1,051	52	Roost Hr	navailable
People Reached	Engagements	Doodt Griavanasio	
CONTRACTOR OF THE PARTY OF THE			90000000
D Richard Rountree, I	Diane Wiggins and 2 others		2 Shares



...

Kirkland Public Works, Fire, and Police continue to be focused on priority routes. They will prioritize other routes as resources are available and there is no guarantee that all routes can be serviced. Submit information through

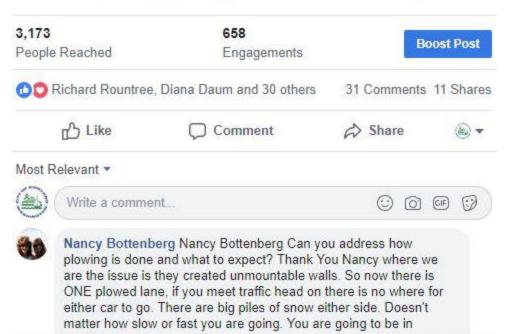
the Public Works Service Request portal. https://www.kirklandwa.gov/

.../q.../Submit a Service Request.htm

Crews are working hard, and there are many trees down currently. Thank you in advance for your patience!

Crews will focus on priority streets first, that map is available here: https://www.kirklandwa.gov/Assets/IT/GIS/SnowRoutes.pdf









Kirkland, WA - Government Nancy Bottenberg, often when people removed snow from their driveways that snow was placed in the street. When plows come through they, by their nature, only have the ability to push snow to the side. Unfortunately, some of the challenges that we're facing are only going to be solved through a combination of temperature and time.

Like - Reply - Commented on by Kellie Hoiland [?] - 8w



Nancy Bottenberg Kirkland, WA - Government Thank You.

Like Reply - Message - 8w

Nancy Bottenberg Huge convo on Finn Hill Page on plowing and not.

Like Reply Message 8w



Write a reply...









Nancy Bottenberg Are the workers that plow the same that cut the trees away?







After careful review of upcoming weather reports, the City has announced that City Hall, the Kirkland Justice Center, Municipal Court and the Community Centers will be open to the public on Wednesday, February 13. The ongoing snow response will continue, as Public Works and Parks work diligently to plow our streets, remove felled trees from public right-of-way, and clear our storm drains.

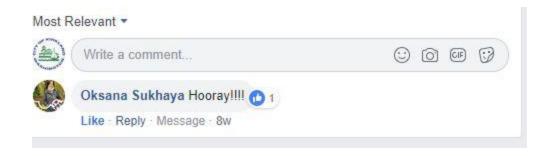
Thanks to everyone for your continued patience and support as we work to manage this severe weather event!



1,522 106
People Reached Engagements

Boost Post

Richard Rountree, Diane Timmons and 21 others 1 Comment 3 Shares





Think Green Kirkland (Waste Management) will be unable to provide service today, Wednesday, February 13, due to weather and safety issues. However, they have worked with the City to provide two convenient drop-off locations for your household garbage and recyclables. Both drop-off locations are available today, Wednesday, February 13 from 9am to 4pm.

The drop-off locations are at City Heritage Hall parking lot and at Juanita Beach Park (west parking lot). Drop-off material ... See More



77



Hélène Cagney-Shorrock Thank you so much for organizing this Kirkland Govt and WM. The guys at Juanita were so friendly and efficient, they kept the line of cars moving. I would love it there was an added day to help bring other less mobile neighbors rubbish down to the drop off but allowing the extras will hopefully assist them.

Like - Reply - Message - 8w

...



RJ Sammons Thank you for offering these drop off locations today. I do think it was short notice for communities. So I hope you are able to offer more drop off days and even add a few more locations. Thanks again

Like - Reply - Message - 8w



Anneke Davis This was great, thank you!

Like Reply Message 8w





Emily Damon Are they resuming normal pick up tomorrow and Friday or should those of us with pickups on those days plan to bring our garbage down today?

Like - Reply - Message - 8w



Kirkland, WA - Government They'll let us know tomorrow morning if they're able to resume pick up. Either way, there is a very strong possibility that a collection site will be open tomorrow. We'll post here when we confirm everything.

Like - Reply - Commented on by Kellie Hoiland [?] - 8w



Hélène Cagney-Shorrock Instead of being negative, try being positive. If people who can drop off their trash do so, it means more space in the trucks next week to collect rubbish for those unfortunate people who still can't get out of their neighborhoods. I personally wouldn... See More

Like - Reply - Message - 8w



Mayuna Shah This would be helpful if people can get out of their neighborhoods

Like · Reply · Message · 8w





Chris Moorman Conrad so....they can't get out, but they expect their clients to....interesting....

Like - Penly - Maccane - Qu





Chris Moorman Conrad so....they can't get out, but they expect their clients to....interesting....

Like Reply Message 8w





Nancy Bottenberg Request a plow of your road. If you can't get out how do you expect or demand others put their life at risk?

Like - Reply - Message - 8w



Chris Moorman Conrad Nancy Bottenberg I wasn't demanding anything, just trying to get a fact straight....

Like - Reply - Message - 8w





Kirkland, WA - Government Waste Management is just providing the option if people would like to take advantage of it. Otherwise, residents can set out triple loads next week at no additional cost.

Like - Reply - Commented on by Robert Mullin [?] - 8w





Chris Moorman Conrad Kirkland, WA - Government thank you for this clarification.

Like Reply Message 8w



Lianne Leewens Kirkland, WA - Government can we put our extra recycling in a bag? How will they know it's not garbage? My cart is full.

Like - Reply - Message - 8w



Erin Mulholland Lianne Leewens You need to put it inside of a box and label it "Recycling"

Like - Reply - Message - 8w





Kirkland, WA - Government Lianne Leewens, yes Erin is correct. You can put it out, just clearly label it recycling and don't put it out in plastic bags.

Like - Reply - Commented on by Kellie Hoiland [?] - 8w



Write a reply...

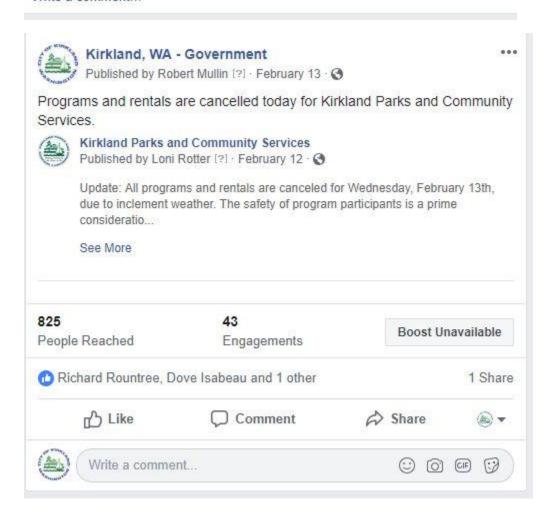








Write a comment...



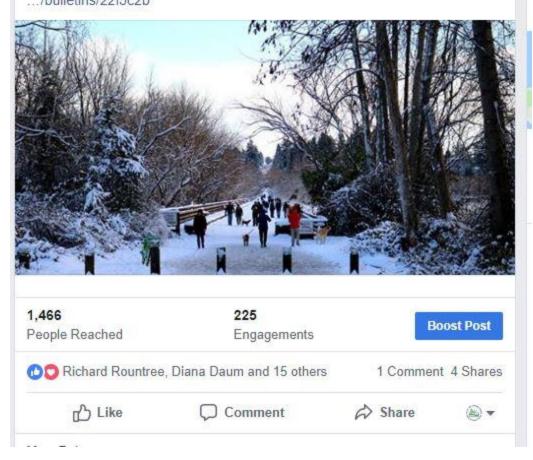


Published by Kellie Holland [2] - February 13 · G

Today's edition of This Week in Kirkland has everything you need to know about the recent snow event including:

- -Message from the City Manager
- -Winter Storm Resources
- -Snow Removal Update
- -How you Can Help
- -Waste Management Service Update
- -Take this Opportunity to Get Prepared

Thank you for taking the time to read this information and share it with your friends and neighbors: https://content.govdelivery.com/accounts/.../bulletins/22f5c2b







Puget Sound Energy is currently at the Safeway on 85th Street with hot coffee, snacks and phone chargers for folks affected by snow outages!





Erna Donner How nice! (for the folks that can get there. Some of us are still snowed in). Save me some!

Like - Reply - Message - 8w



Darci Kelts Thank you #pugetsoundenergy #pse for your thoughtfulness!

Like Reply Message 8w



Paul Edward Morris Phone Chargers?

Like Reply Message 8w



Gail Tabone Hardly offsets for the hotel room tonight (after two nights sleeping without heat). Thanks PSE!

Like - Reply - Message - 8w



Bethany Batson So nice. We were without power for 23 hours. With a one and a two year old, that was especially tough!

Like · Reply · Message · 8w



Uzma Butte Looking good, Wendy!

Like Reply Message 7w



Kim Estes Thank you to your crews that were out in my neighborhood searching all the overhead powerlines at 3AM. I am sure it was a rough night. We were SO GRATEFUL for restored power this morning. We were able to go outside and thank your crew with a big HOORAY holler!

Like - Reply - Message - 8w





We've been told that Think Green Kirkland (Waste Management) will be unable to provide service tomorrow, Thursday, February 14, due to road safety issues. The two drop-off locations at City Heritage Hall parking lot and at Juanita Beach Park (west parking lot) will remain open to collect your household garbage and recyclables. Hours will be from 9am to 4pm.

Drop-off material is limited to household garbage and recycle. Waste Management will accept up to twice as much material as you normally put in your cart. If you choose to NOT use a drop-off location, you may set out up to three times your usual amount of material on your next regular service day, at no additional charge.

For more information, please go to http://wmnorthwest.com/weatherboard.html



3.860 People Reached 895 Engagements

Boost Post



Pichard Rountree, Chip Barnett and 22 others

26 Comments 15 Shares



Melissa Franklin Agreed...they wouldn't be able to get anywhere near my curb for days...and it hasn't been plowed either...it's just really nasty

Like Reply Message 8w



Write a reply...











Madeleine Kelly Shultice It was so easy to drop off. Thank you for providing this service!

Like · Reply · Message · 8w



Most Relevant is selected, so some replies may have been filtered out.



Sasha Harrison King Madeleine Kelly Shultice did you just drive your cans over to the drop of spot?

Like · Reply · Message - 8w



Madeleine Kelly Shultice Sasha Harrison King I put a few bags in the back of my car, then popped the trunk when I got there. Easy peasy. If I could transport my cans I surely would take them there.

Like - Reply - Message - 8w





Sasha Harrison King Great. Thank you. Since they are not picking up tomorrow we will definitely drop off since our cans are full.

Like - Reply - Message - 8w





Joe Eggers Madeleine Kelly Shultice this is fantastic service but what work before 9 and don't get off until 5? Need early and late drop offs. I have missed two Mondays. I got trash.

Like Reply Message 8w



Madeleine Kelly Shultice Joe Eggers send me your address and if u say pretty please I'll take your garbage tomorrow 😃

Like Reply Message 8w





Kirkland, WA - Government Madeleine Kelly Shultice, that is so nice of you!! Thank you!

Like · Reply · Commented on by Robert Mullin [?] · 8w



Margaret Bouniol Kaifer If we can put out 3x the amount of garbage/recycling/yard waste does this mean Waste Management will empty waste containers that are just extra garbage cans or bags? I don't have duplicates of the regular approved receptacles just extra trash cans.

Like - Reply - Message - 8w



Kirkland, WA - Government Thanks for the question! Extra garbage loads can be placed at the curb in plastic bags or customer-owned cans marked "garbage."

Like - Reply - Commented on by Kellie Hoiland [?] - 8w





Margaret Bouniol Kaifer Thanks! Yard waste and recycling too if properly marked?

Like Reply Message 8w



Kirkland, WA - Government Margaret Bouniol Kaifer, I'll have to ask about yard waste, but yes for recycling. Recycling can't be plastic though, but cardboard boxes are just fine.

Like - Reply - Commented on by Robert Mullin [?] - 8w



Margaret Bouniol Kaifer Good idea about the cardboard box for recyclables. I bet paper yard waste bags might be ok. I'll let my neighbors know too.

Like - Reply - Message - 8w





Write a reply...









Kendra Petkau Glenn Peterson

Like Reply Message 8w

Write a reply...





Glenn Peterson Kendra Petkau I saw it earlier and posted it on our Be Neighborly page, but thank you!

Like - Reply - Message - 8w











Laine Gawthrop Brian - maybe borrow a pick up to take, and take his, too?

Like - Reply - Message - 8w



Erna Donner Thank you for notifying us early enough to not have to take the cans out. My streets are still treacherous and I'd rather everyone play it safe. BTW, I called today to ask about this and spoke to a wonderful representative named Laurie who was so kind and helpful. I really appreciate the efforts at communicating to the public.

Like - Reply - Message - 8w





Dave Martin How about later hours? Or the weekend?

Like - Reply - Message - 8w



Matt Pearson Thanks for doing this! Your team at Juanita were great!

Like - Reply - Message - 8w





Spiro Govas What's wrong with them? The roads are clean and even starting to dry! I guess they are still getting paid so they don't care.

Like - Reply - Message - 8w





Kirkland, WA - Government The roads in many neighborhoods are still very icy/slushy. They're concerned about driver and community safety if one of those large trucks starting slide on one of the hills.

Like - Reply - Commented on by Kellie Hoiland [?] - 8w





Sarah Gibbs Please keep them home. I already had multiple vehicles slide down our culdesac into our yard. I don't need a dump truck in the living room.

Like · Reply · Message · 8w





Michelle Ryan Ratterree Kirkland, WA - Government People are still getting stuck on our street. Package delivery trucks didn't make it up either. A garage truck would have an even harder time. I'm glad there is a place to take the garbage. Thank you.



Five things you need to know about our snow and ice removal efforts today:

- Crews have been focusing on removing downed trees from over 100 different locations.
- 2. Ice control: crews have been out deicing since 2:30 a.m.
- 3. If it is safe to do so, please park your car in your driveway and not on the road. It's impossible/hazardous for our plows to get through with vehicles lining the streets. If you can't move your vehicle due to the snow, we understand, just understand that this might be delaying the plowing of your street.
- If you have a medical need or emergency, please call 911 and crews will be dispatched to help clear the way. Please only call 911 if it's an actual emergency.
- We SO appreciate your efforts to clear your sidewalks and storm drains. It really takes a community effort to recover from a storm event of this magnitude. We appreciate you.



3,504 People Reached 742 Engagements

Boost Post



Write a comment...









George Jannusch I wish to thank the city of Kirkland and all the first responders for a job well done. You all worked so hard to keep us all as comfortable as you could during a very tough time. You have set the bar very high for other cities to do as well as you have done

Like Reply - Message - 7w



Cynthia McVarish Thank you so much for your non-stop hard work and dedication plowing and sanding the roads in Kirkland! The recent snow storms left many of us housebound and afraid to drive, not knowing if it would be safe. Today was my first day on the roads since last Friday, the roads were clear, and I made it to work. No one was expecting this level of snow, and you really came through for the city and people of Kirkland.

Love - Reply - Message - 7w





Kirkland, WA - Government Thank you so much!

Like - Reply - Commented on by Chris Hendrickson [?] - 7w



Susan Davis Thank you! I dropped off 8 dozen QFC bakery cookies as i did not have time to bake for the city of Kirkland public works/ services employees. No my street is not plowed which is fine. These men and women have been working long hours in our city and many of them do not live in our city. Be patient, kind and thankful! And please do not call and yell at them. Thank you!

Love - Reply - Message - 7w





Connie Quinby Winter Thank you for all you have done!

Like - Reply - Message - 7w



Patti Peterson Sending some community love to the awesome City of Kirkland employees and especially the work crews out in the elements!!!! This week has shown how much we rely on these crews to keep our city safe!! THANK YOU!!!



Love - Reply - Message - 7w





Lynette Ellis Thanks to the crews working hard to make it safe for all of us!

Like · Reply · Message · 7w





Lynette Ellis Thanks to the crews working hard to make it safe for all of us!

Like - Reply - Message - 7w





Celeste Jackson You guys are doing a fantastic job! Thank you!

Like Reply Message 7w





Caroline Goles Thank you for all the hard work and the great communication!

Like · Reply · Message · 7w





Shannon K. Maher Longcore 13522 105th Ave NE, north Juanita. We parked in the driveway. I submitted a request through the website. Please plow our street!

Like Reply Message 7w



Joe Eggers The workers are working hard. The city did not prepare for this. And I am sorry but if a car is in the way plow it in.

Like Reply Message 7w

→ 2 Replies



Denise Furneaux Great job everyone. Thanks all around.

Like Reply Message 7w





Renae Porter Thank you all the hard work, and clearing all the main roads. Much appreciated! I just wondered when NE 142nd & 91st Ct NE will be plowed?

Like Reply Message 7w



Amber Kiss Thank you all of you guys for the hard work

Like Reply Message 7w





Jennifer Wichman Christensen Is there a map of the city's storm drains? I know we have one entering our cul de sac that is buried. I don't want to shovel 10 feet of snow in length by 2 feet deep to find it - or not find it! Thanks!

Like Reply Message 7w





Love - Reply - Message - 7w

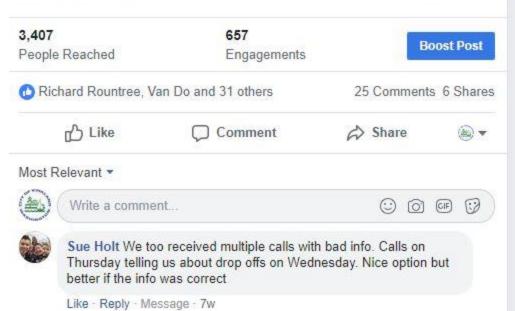


Waste Management (Think Green Kirkland) will be attempting regular residential service for Friday customers. Some of the side streets are still very challenging so they may not be able to reach all customers.

The two garbage and recycling drop-off sites will be open on Friday from 7 AM to 3 PM! The different hours were set with the intention of trying to accommodate those that work a 9-5 schedule. We hope this helps!

Just as before, if you cannot make it to one of these coll... See More







Patricia Vargo Good luck Waste Management and residents both; be safe!

Like - Reply - Message - 7w - Edited





Ilona K Furman To clarify, Jusnita Beach park dropoff tomorrow, Fri 9-3? Website says Thurs.... thanks

Like - Reply - Message - 7w



Kirkland, WA - Government Ilona K Furman, drop off today is 7-3. Thanks!

Like - Reply - Commented on by Robert Mullin [?] - 7w



Ilona K Furman Kirkland, WA - Government thank you!

Like - Reply - Message - 7w





Write a reply...











Michael Schuyleman Couldn't be too hard to install plows on the front of those garbage trucks.

Like - Reply - Message - 7w



Most Relevant is selected, so some replies may have been filtered out.



Kirkland, WA - Government We actually spoke with the drivers at the collection sites and it turns out that plows on the front would be a major safety hazard. I know it sounds like a good idea, but it would actually be very dangerous. Thanks for trying to think creatively though!

Like - Reply - Commented on by Kellie Hoiland (?) - 7w



View 3 more replies



Patti Peterson Thank you for your efforts to service our hill! These are challenging days but the safety of your crew is also important, everyone should have an extra garbage can for times like this (as you suggest in the winter guide included with a recent bill) Thanks, WM!!

Like : Reply : Message - 7w





Maria Baray Carlos Baray

Like - Reply - Message - 7w



Dana Sugarman Shinnar Thanks for all the effort. How do we know if to take our garbage out? (143rd ct)

Like - Reply - Message - 7w



Kirkland, WA - Government I'm not sure what your street looks like, but if you can get up it pretty easily, then you're probably safe taking your garbage out.

Like - Reply - Commented on by Kellie Hoiland [?] - 7w





Dana Sugarman Shinnar Kirkland, WA - Government not so much but thanks!

Like - Reply - Message - 7w



Write a reply...











Glenn Peterson At 6:05 PM, I received an automated call from WM. telling me that two dropoff locations would be available TODAY 9 AM until 4 PM. Thanks for at least getting it right on this page, and please inform WM that their autocalls are often misleading and frustrating.

Like Reply Message 7w





Kirkland, WA - Government Glenn Peterson, we have informed them. Thanks for checking here, we do our best to make sure we're keeping you updated. Have a good night.

Like - Reply - Commented on by Robert Mullin [?] - 7w



Glenn Peterson Thank you. They autocalled again with Friday's info.

Like - Reply - Message - 7w



Write a reply...











Donna O'Brien Thank you for your calls and posts.....great communication.

Like Reply Message 7w



Snow and ice removal update for Friday, February 15:

As of the end of the day on Thursday, February 14, two consecutive days of plowing local and neighborhood streets have allowed City crews to address approximately 30 percent of our non-priority roadways. Approximately five roads remain closed for a variety of reasons, including fallen trees, downed utility wires, and steep, icy slopes.

We have attended to nearly 120 public tree issues and have fully removed 20 fallen trees.

Here is our plan moving forward:

Efforts to plow and de-ice local and neighborhood streets will continue today (Friday, February 15) and over the weekend. We will continue to prioritize this work until it is complete, and are hopeful that the weather will be our ally.

Here are a few things you can do to help:

- If it is safe to do so, please park your car in your driveway and not on the road. It's impossible/hazardous for our plows to get through with vehicles lining the streets.
- City plows cannot prevent snow from being directed across driveways while attempting to clear our streets.
- Please move stranded vehicles and garbage cans into driveways wherever possible.
- If possible and safe, gather fallen right-of-way branches into piles at the shoulder so that our clean-up can be more expeditious.
- If you have a medical need or emergency, please call 911 and crews will be dispatched to help clear the way. Please only call 911 if it's an actual emergency.

We thank our wonderful community for its amazing support and patience as we work to recover from this severe weather system! The City is grateful for all of you!



We thank our wonderful community for its amazing support and patience as we work to recover from this severe weather system! The City is grateful for all of you!



4,283	799	Boost Post
People Reached	Engagements	

Comments 7 Shares



Write a comment...









Erna Donner Thank you for all your efforts. I'm wondering if the city, your department, has a map that shows areas that have only one road in and if so, how can those neighborhoods be prioritized? My entire neighborhood has been crippled for nearly a week, No way ... See More

Like Reply Message 7w





Jo Mcpherson Thank you snow plow driver for plowing ne 88 th . The sun Finnished the job and the berm wasn't to hard to shovel threw. I escaped,,,,yeaaaaaa.

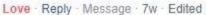
Like Reply Message 7w





Sara Tingley Great job to you all \rightarrow









Kirkland, WA - Government Thank you so much! We'll be back at it tomorrow!

Like - Reply - Commented on by Chris Hendrickson [?] - 7w



Shannon K. Maher Longcore Thanks! We would love to see you in North Juanita and Finn Hill!

Like Reply Message 7w





Leighann Novielli I was here in 2008 (technically on the south border of Bothell at that time) and saw how terribly the entire region responded. This response was SO much better. Sure, there is always room for improvement but it was clear that there were lessons learned... See More

Like - Reply - Message - 7w





Marilyn Gohlman Knight My thanks to Justin, who helped me get unstuck when I was trying to get my car out of NE 65th. He was plowing the street at the time. Couldn't have done it without him. Also to my neighbor Pam, who started the effort

Like - Reply - Message - 7w





Sarah De la Cruz A plow just came down my street in North Rose Hill! Thank you SO much!!!

Love - Reply - Message - 7w





Kirkland, WA - Government We are so happy to hear that! Thank you so much for letting us know.

Like - Reply - Commented on by Chris Hendrickson [?] - 7w





Harold R Rubin It would be nice if you mentioned what 5 roads are closed

Like - Reply - Message - 7w



Kirkland, WA - Government Hi Harold! The remaining road closures are:

- 12600 block of 132nd AVE NE... See More

Like - Reply - Commented on by Chris Hendrickson [?] - 7w



Ben Frey Aka, don't threaten drivers when you're driveway gets blocked like the idiots in Spokane

Like - Reply - Message - 7w



Kirkland, WA - Government Hi Ben! This was definitely not meant as a threat. We are just passing along suggestions to help our crews address the remaining slushy streets. Thanks!



Like - Reply - Commented on by Chris Hendrickson [?] - 7w





Ben Frey Haha no. A few Spokane citizens threatened the drivers of snow plows with guns because their driveway was blocked by snow after they plowed

Like - Reply - Message - 7w



Kirkland, WA - Government Ben Frey thanks for the clarification! It's been a long week Have a great night!

Like - Reply - Commented on by Robert Mullin [?] - 7w





Here is the latest update from Waste Management (Think Green Kirkland):

The regular weekly residential garbage and recycling collection service schedule will resume starting on Monday, February 18. Customers may place out double or triple loads of garbage and recycling, collected at no additional charge. Only regular residential garbage and recycling will be collected. Bulky items such as appliances and furniture will not be accepted. To allow Waste Management to dedicate all of its resources toward the collection of large accumulations of residential garbage and recycling, yard waste collection service will be temporarily suspended during the week of February 18 - February 22. Customers may place out additional yard waste on their regular service days during the week of February 25 - March 1, at no additional charge.

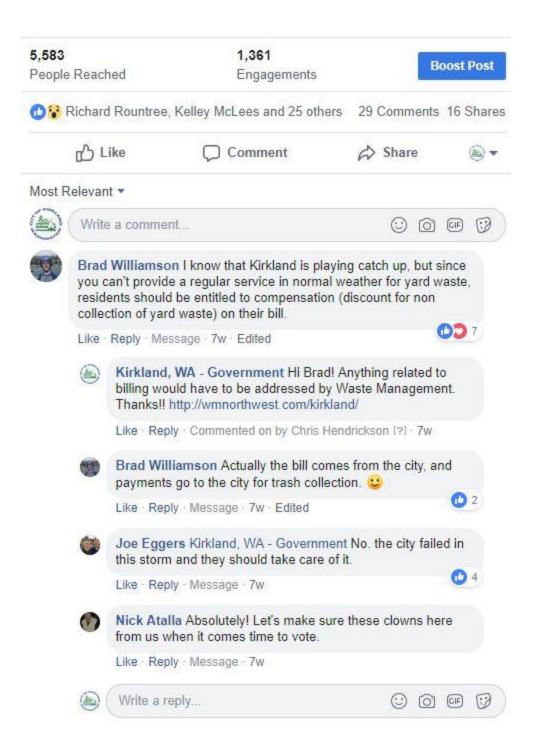
Here are some tips for putting extra loads at the curb:

- Extra garbage loads can be placed at the curb in plastic bags or customerowned cans marked "garbage."
- Extra recycling items must be kept dry and can be placed at the curb in cardboard boxes or customer-owned cans marked "recycle."
- No recycling should be placed in plastic bags.

We apologize for the inconvenience and appreciate your patience. Thank you!

For updates, please check the Waste Management Weatherboard at: http://wmnorthwest.com/weatherboard.html.







Joe Eggers Kirkland, WA - Government No. the city failed in this storm and they should take care of it.

Like - Reply - Message - 7w





Nick Atalla Absolutely! Let's make sure these clowns here from us when it comes time to vote.

Like - Reply - Message - 7w



Write a reply...











Nick Atalla I just spoke with WM and now they are saying yard waste will resume next week. That be 4 weeks of missed services and their policy is no adjustment on billing. I think our city Gov has let us down. One sided negotiations on that contract I would say.

Like Reply Message 7w





Kirkland, WA - Government Nick Atalla because of the massive amount of garbage and recycling that they're going to have to collect this week they're using the trucks they would have used for yard waste to assist with the collection of garbage and recycling. If they didn't, th... See More

Like - Reply - Commented on by Robert Mullin [?] - 7w



Nick Atalla We pay for frequency of service and quantity. right? Well, WM missed at least 3 service days. Since we pay the city of Kirkland, it's your responsibility not WM. Quit trying to dodge your responsibilities.

Like - Reply - Message - 7w



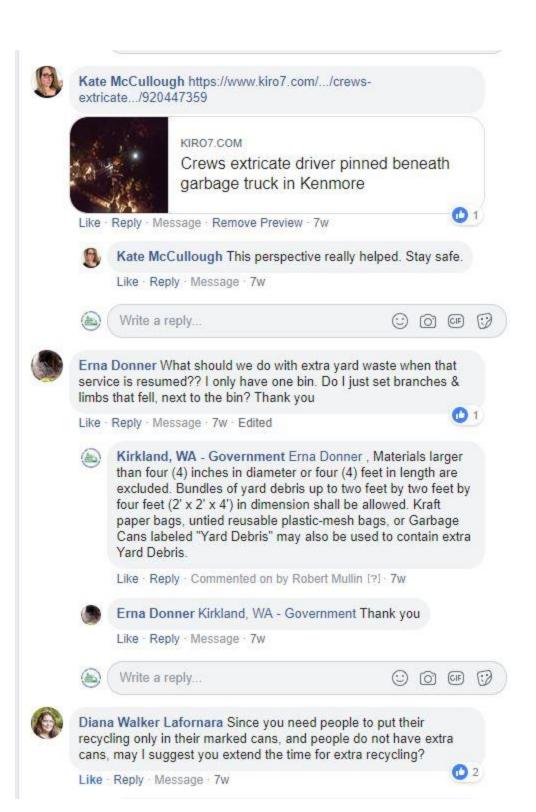
Maurine Blumen-Wagner Kirkland, WA - Government I don't think this is true. In our South Rose Hill neighborhood, the recycling trucks made it through 2 out of the last 3 Friday service days just fine. We don't have a backlog of recycling. We do have three weeks of yard wast... See More

Like - Reply - Message - 6w - Edited



Nick Atalla Maurine Blumen-Wagner Well its true for me and our neighborhood. Did you drive through all the neighborhoods to check before making that statement? Obviously not.

Like - Reply - Message - 6w





Kirkland, WA - Government Hi Diana, my apologies for the confusion. Extra recycling may also be placed in cardboard boxes. Thank you for asking!

Like - Reply - Commented on by Chris Hendrickson [?] - 7w



Diana Walker Lafornara I just think it is problematic because I know that I for one do not have big enough carboard boxes lying around to keep recycling covered and dry. I am guessing many people do not.

Like Reply Message 7w





Kirkland, WA - Government Diana Walker Lafornara I understand what you are saying, and yes, that is an issue. It is possible that Waste Management may have additional suggestions. The number for customer service is: 1-800-592-9995. Thank you so much!

Like · Reply · Commented on by Chris Hendrickson [?] · 7w



Write a reply...









Khristine Schaffner For some reason Waste Management stopped collecting our landscaping bin two weeks before the storm. So we're going on week three. Anybody know why? They didn't pick up our neighbor's bin, either.

Like Reply Message 7w



Kirkland, WA - Government I would suggest you contact Waste Management customer service regarding the pick-ups that were missed prior to the snow event. The number for customer service is: 1-800-592-9995.

Like · Reply · Commented on by Kellie Hoiland [?] · 7w



Stefanie Peterson For those of us that compost food scraps, the yard waste container is incredibly full and smells. Missing another week is disappointing.

Like Reply Message 7w





Joe Eggers So you think the 8 inches is snow in front of my house will melt by Monday?

Like · Reply · Message · 7w





Margaret Bouniol Kaifer Thank you for the update! Got the storm drains near my house cleared. Now if I can just find the water meter under 2ft of plowed snow!!



Margaret Bouniol Kaifer Thank you for the update! Got the storm drains near my house cleared. Now if I can just find the water meter under 2ft of plowed snow!!

Like Reply Message 7w





Greg Bush You can always put out extra recycling at no charge.

Like - Reply - Message - 7w



Heather Rutkowski Ben Rutkowski

Like - Reply - Message - 7w





Jessica Lake Robert Lake Tim McGruder Jan Garside McGruder

Like · Reply · Message · 7w



Cathy Zapata Oz Zapata

Like Reply Message 7w



Kelsey Hannahs Kurt Hannahs yay!

Like · Reply · Message · 7w

Manager 1



Snow and ice removal update for Saturday, February 16:

As of the close of operations on Friday, February 15, City crews had performed services on approximately 50 percent of the 185 miles of nonpriority roadways. A mix of one- and two-pass plowing, combined with the warmer weather, is resulting in improved conditions on many of our roads. Crews are working today (Saturday, February 16) in the northern region of the City, specifically in the Kingsgate neighborhood and in area... See More



2,222 People Reached 320

Engagements

Boost Post



CONTRICT ROUNTREE, Anne Wehrly and 33 others

17 Comments 5 Shares



Janice Richardson Kirkland, WA - Government Thank you. Elderly he has heart issues and now chemo. My Husband was concerned enough to handle it this time. Knew you were

Like · Reply · Message · 7w



Write a reply...











Kathryn McCloskey Turner The plow that came up our street this morning actually stopped before each driveway, keeping them clear. I thought that was really nice, and above and beyond service. Thank you!

Love · Reply · Message · 7w





Kirkland, WA - Government Thank you so much for your comment. We are so happy to hear this!

Like · Reply · Commented on by Chris Hendrickson [?] · 7w



Caroline Seckel Thank you. 7



Love · Reply · Message · 7w



Harold R Rubin Never saw a snow plow on Finn Hill even though we probably got hit the hardest due to our elevation.

Like - Reply - Message - 7w - Edited



Connie Quinby Winter Thank you for continuing plow our roads!

Love - Reply - Message - 7w





Glenn Peterson Many thanks to all Public Works, Parks and other City of Kirkland employees for their hard work during these trying times.

Love - Reply - Message - 7w





Kirkland, WA - Government Thank you so much Glenn Peterson! Your comment is very much appreciated.

Like - Reply - Commented on by Chris Hendrickson [?] - 7w





Teresa Todd Bailie There is a tree down in our neighborhood that is blocking the sidewalk and one lane of the road. Any idea if the city will be out to clear it? A request was put in 2 days ago.

Like Reply Message 7w



Jason Osborn Teresa Todd Bailie they have a very large list of trees, if you put in a request give it till Tuesday afternoon. They are doing as much as they can to get thru the list.

Like Reply Message 7w





Kirkland, WA - Government Hi Teresa! We are continuing to document and clear hundreds of downed trees that have been reported during this event. Crews will be working tomorrow (Sunday, February 17) to continue to address these and other storm-related issues. Thank you for checking in, and please check back for updates!

Like - Reply - Commented on by Chris Hendrickson [?] - 7w





Teresa Todd Bailie Kirkland, WA - Government looks like you guys are getting the one we reported cleaned up tomorrow. It will be so much safer for cars and pedestrians. Thank you!

Love - Reply - Message - 7w





Kirkland, WA - Government Teresa Todd Bailie We are so happy to hear that!! Thank you so much for letting us know. We will post an update about today's tree removal work a little later this evening.

Like - Reply - Commented on by Chris Hendrickson [7] - 7w



Write a reply...











Erna Donner These daily updates are appreciated. Thank you

Love Reply Message 7w





Kirkland, WA - Government Thank you so much, we appreciate you checking in!

Like - Reply - Commented on by Chris Hendrickson [?] - 7w



Janice Richardson Next time maybe not leave a snow fort blowing the off main road streets Only entrance/exit. Took 4 men 3 hours to dig out our road that was never plowed ever but snow left blocking it. Our neighbor has chemo treatments and heart issues.

Like - Reply - Message - 7w





Kirkland, WA - Government Thank you for your comment. If there is ever a snow issue like this in the future, please feel free to call 911 if you have neighbors that have emergency issues. Our crews will work to make sure that people with urgent medical issues can get to the hospital.

Like - Reply - Commented on by Kellie Hoiland [7] - 7w



Storm recovery effort update for the evening of Saturday, February 16, 2019:

As of the close of operations on Saturday, February 16, the City has addressed approximately 75 percent of its non-priority roadways. Today's work also included bike-lane plowing. Crews will continue to work on clearing the snow and slush, along with documenting and clearing the hundreds of downed trees that have been reported during this event.

Tomorrow's recovery efforts will address a downed tree ... See More



3,264 People Reached **745** Engagements

Boost Post





Gustavo Henrique Mendonça Unfortunately, it has been an extremely slow storm recovery. A snow plow truck came by and literally didn't have the plow low enough to the ground to remove any snow. Seems like the drivers need some more training as well. I really appreciate the efforts but there are definitely some aspects to improve going forward.

Like Reply Message 7w Edited



Jennifer Nichols Lots of info came swirling about during this storm about how we are responsible for shoveling our sidewalks as Kirkland residents. I find it ironic that my sidewalk is nice and bare, thanks to my husband, but the mounds of snow along the road parallel ... See More

Like · Reply · Message · 7w



Harold R Rubin Thanks for forgetting us on Finn Hill. Need to succeed and become unincorporated.

Like Reply Message 7w



Kelley Martinez Harold R Rubin the word you meant was "secede." Big difference!

Like - Reply - Message - 7w



Harold R Rubin Kelley Martínez thanks. I knew it didn't look right

Like Reply Message 7w



Write a reply...











Joe Eggers Two snow plows come down 135th street off 132nd ave yesterday. Barely moved any snow. Easily could have come back around as the other street 134th was plowed the day before by a private plow. The private plow left a very large pile of snow in the right away. City truck drove right past it. I don't get it.

Like · Reply · Message · 7w



Kirkland, WA - Government

Published by Chris Hendrickson [?] - February 17 - §

Here are some great tips from Waste Management (Think Green Kirkland) on how to best manage any extra garbage and recycling you may have as a result of our recent severe weather incident. Thank you so much for your ongoing patience during our continued storm recovery efforts!

Extra Recycling



- Put extra recycling next to your recycle cart in a box or paper bag. Do not use plastic bags.
- . Put extra recycling out the morning of collection so it stays dry.

Think Green Kirkland

February 17 · 3



...

Got extra recycling after the winter storms? WM is on the way. The best way to make sure your recyclables can be made into new products is to ensure they're cle... See More

1.398

215

People Reached

Engagements

Boost Unavailable

Daren Dacanay, Richard Rountree and 6 others

6 Comments 3 Shares



Caroline Seckel Are they doing Monday pickups since tomorrow's Presidents Day ?

Like Reply Message 7w Edited



Kirkland, WA - Government Hi Caroline!

Waste Management's regular weekly residential garbage and recycling collection service schedule will resume starting on Monday, February 18. Customers may place out double or triple loads of garbage and recycling, collected at no additio... See More

Like - Reply - Commented on by Chris Hendrickson [?] - 7





Caroline Seckel Kirkland, WA - Government Thank you for the quick reply.

Like - Reply - Message - 7w





Kirkland, WA - Government Caroline Seckel you are very

Like · Reply · Commented on by Chris Hendrickson [?] · 7w



Dayna Hall Kirkland, WA - Government Where is the yard waste tidbit communicated? And, what are we supposed to do with all these broken tree limbs (how do we label extra yard waste in 2 weeks)?

Like - Reply - Message - 7w



Write a reply...









Irmin Romero Ilana Segura

Like Reply Message 7w



Storm recovery update for Sunday, February 17, 2019:

Today's crews were largely focused on tree removal work, including a downed tree in north Kirkland that blocked a portion of the sidewalk and part of a narrow, residential street. These photos were taken on-site this morning, as crews assessed the project, gathered the necessary equipment, and went to work removing leafy branches, thick tree limbs, and other woody debris.

The City continues to prioritize its storm recovery efforts! We thank our gracious community members for their ongoing support and patience. We appreciate you!!





Important updates from Waste Management:



STORM RECOVERY

Think Green Kirkland

February 19 · 3



We are operating in storm recovery mode in Kirkland. All customers should only put garbage and recycling at the curb on their regular pick-up day. Extra garbag... See More

1,837 437
People Reached Engagements Boost Unavailable

Meredith Reilly, Dana Day and 13 others

2 Comments 6 Shares



Denise Furneaux Thanks for the update! 60 1



Like Reply Message 7w



Navneet Bedi Thanks for all the information

Like - Reply - Message - 7w





If you're planning on heading to one of our beautiful parks this weekend, you may encounter large piles of debris from our recent winter storm events. Our Kirkland Parks and Community Services crews are working diligently to get everything cleaned up, but this may take months. While we're working hard to recover from the storm event, we ask that you please be extra aware of your surroundings when exploring the parks, and keep your eyes open for downed trees and branches or loose limbs. If you see anything that might be a potential hazard, don't hesitate to report it on the City website at: https://www.kirklandwa.gov/City_S.../question/parkMaintain.htm

The tree debris that you see in the piles will be chipped, mulched and used to help the Green Kirkland Partnership with their environmental restoration work.



1,763 People Reached

160 Engagements

Boost Post



Anya Silverfur, Vicky Hull and 28 others

3 Comments 4 Shares

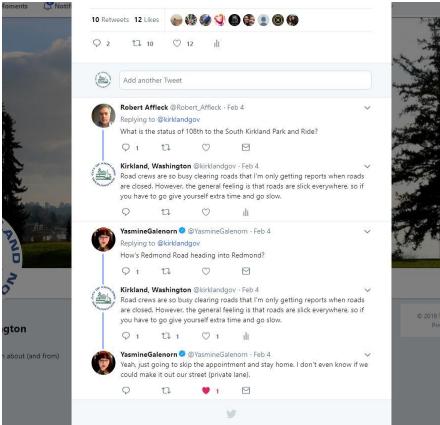


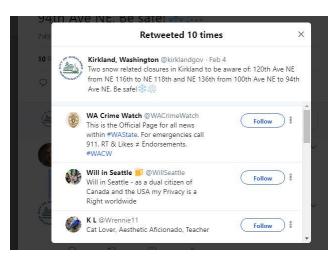
Hae Sue Park Bravo to all of you! Thank you!

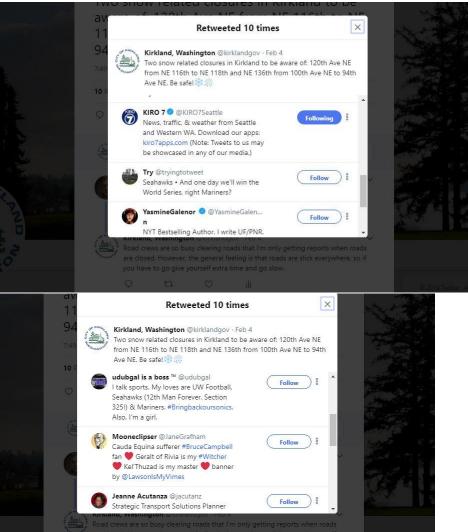
Like · Reply · Message · 6w

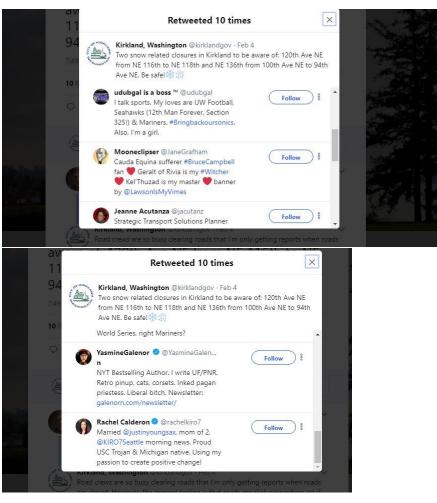
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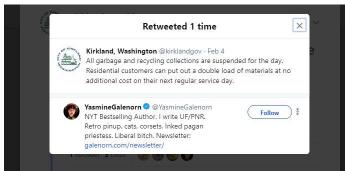


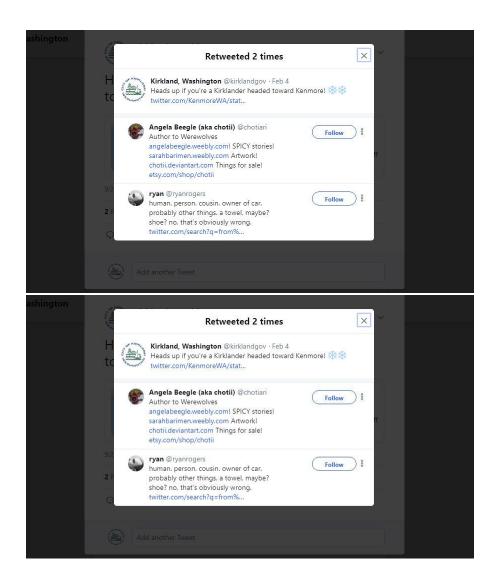


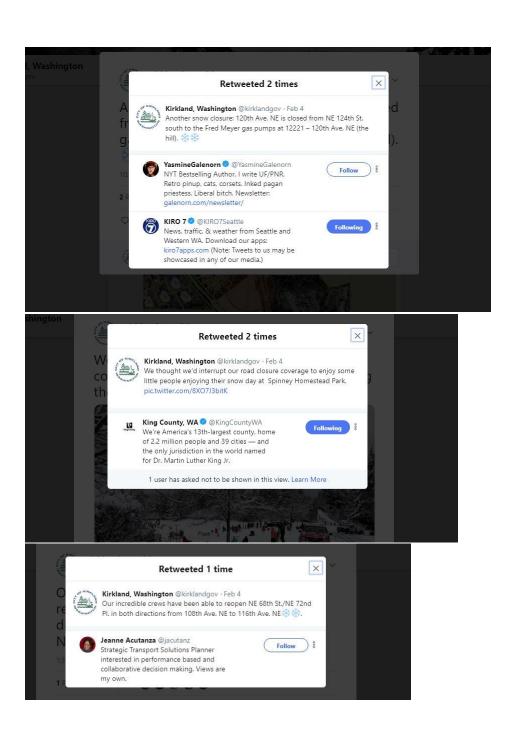


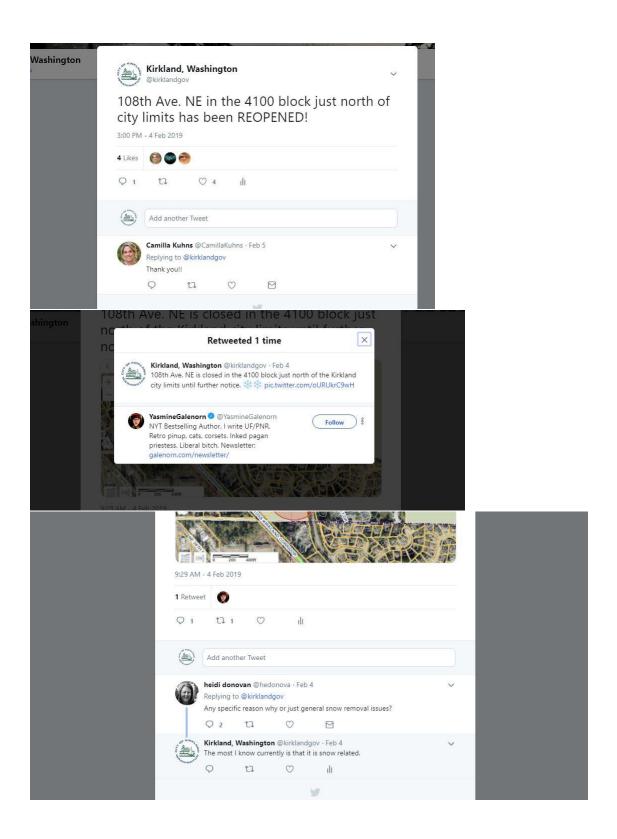


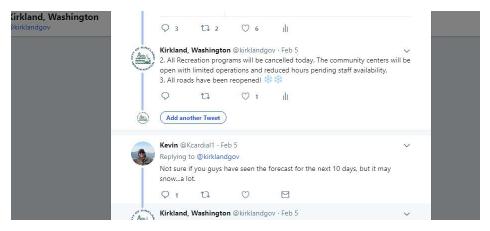






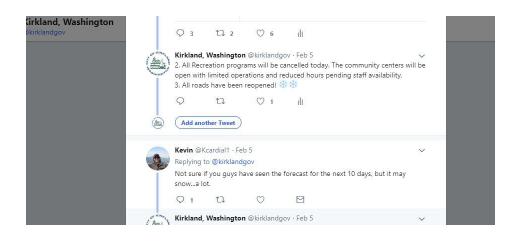




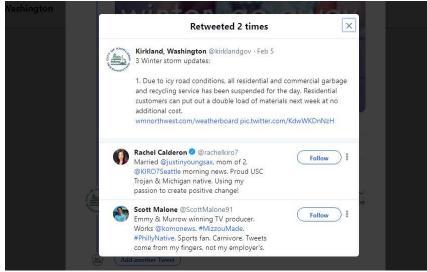


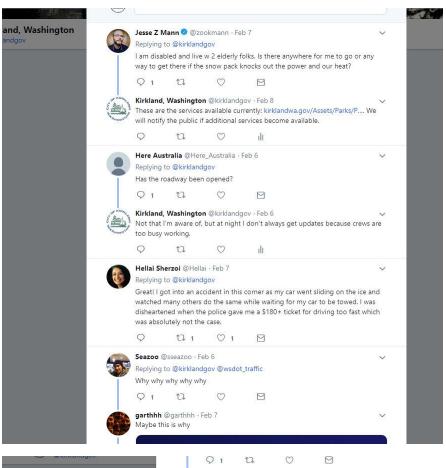








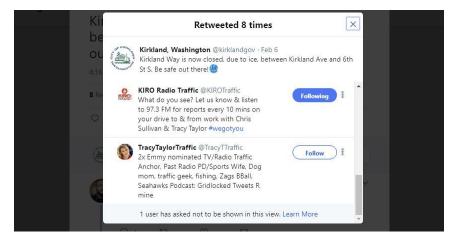




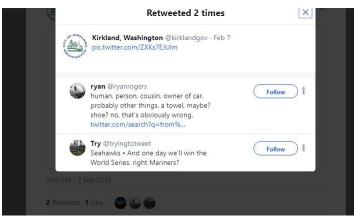


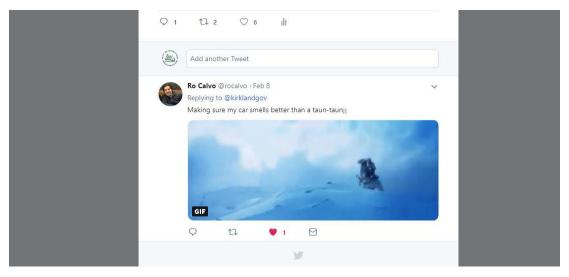


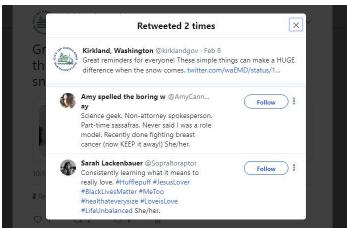


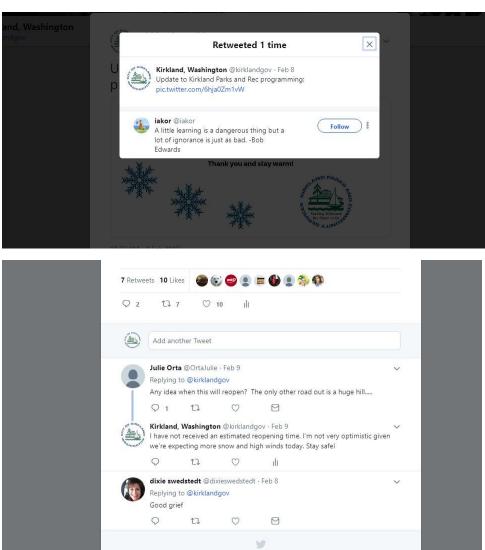


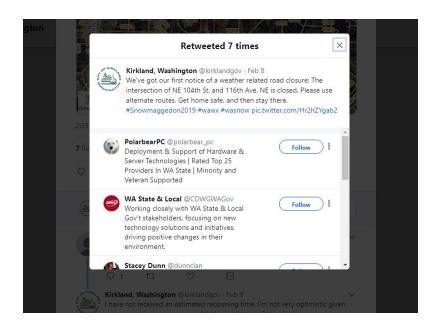


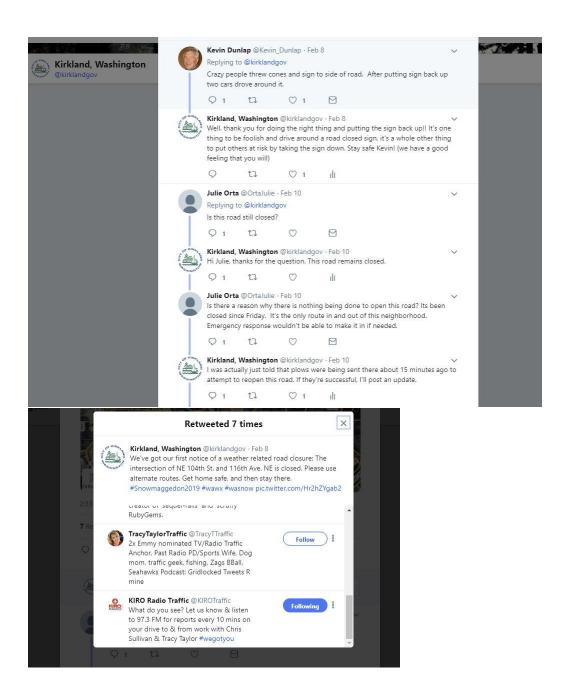


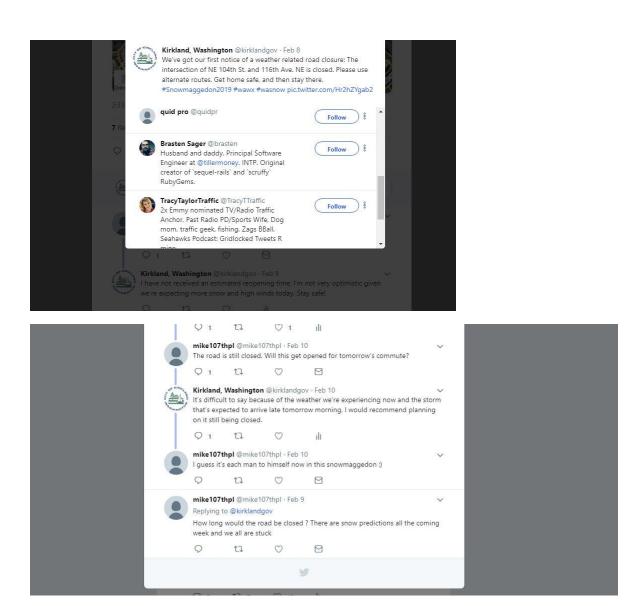




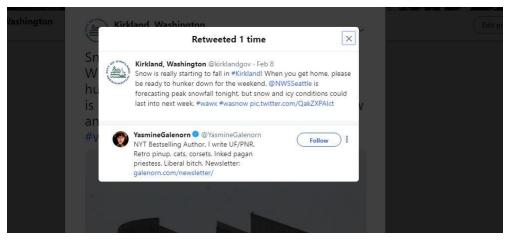






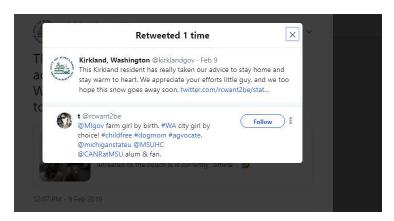


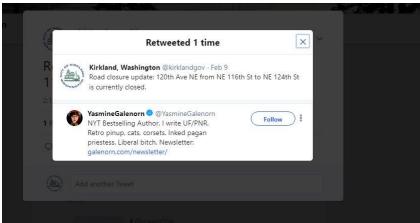


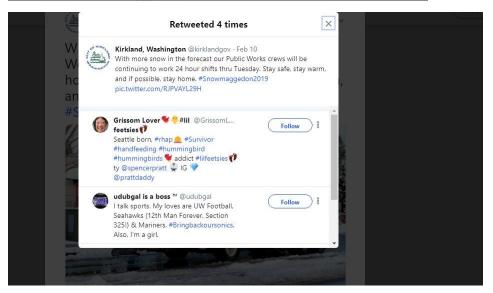


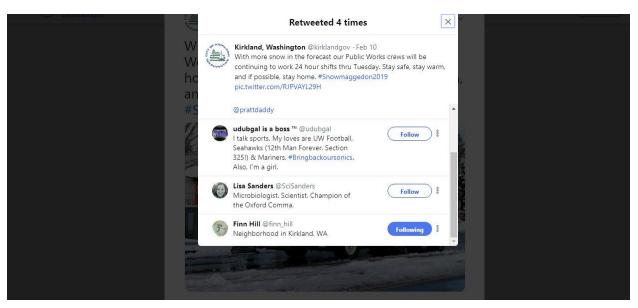


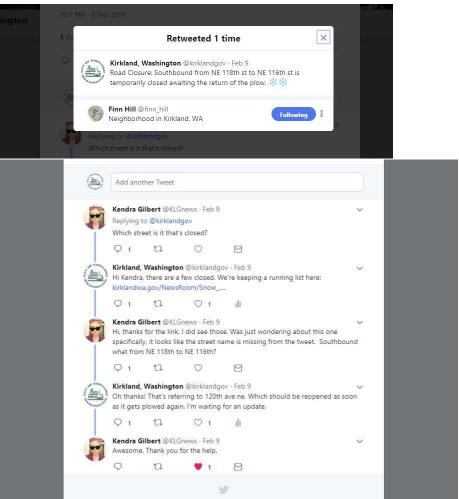


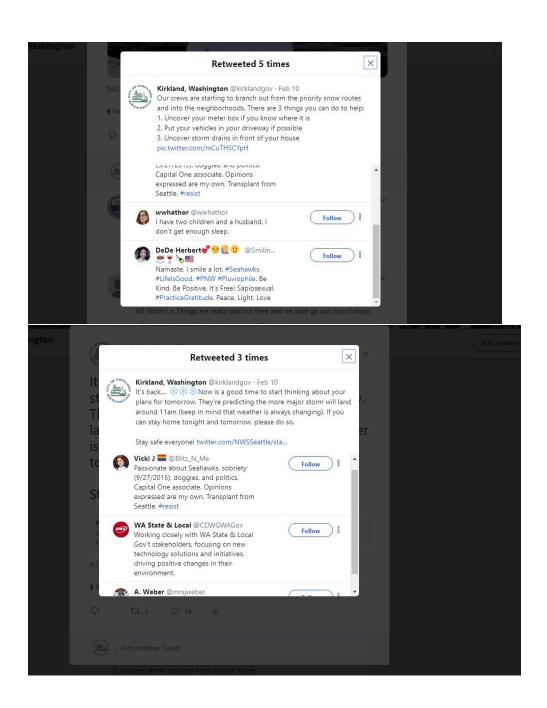


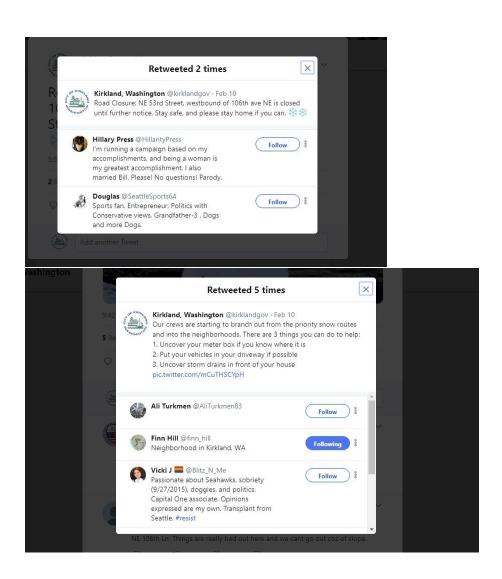


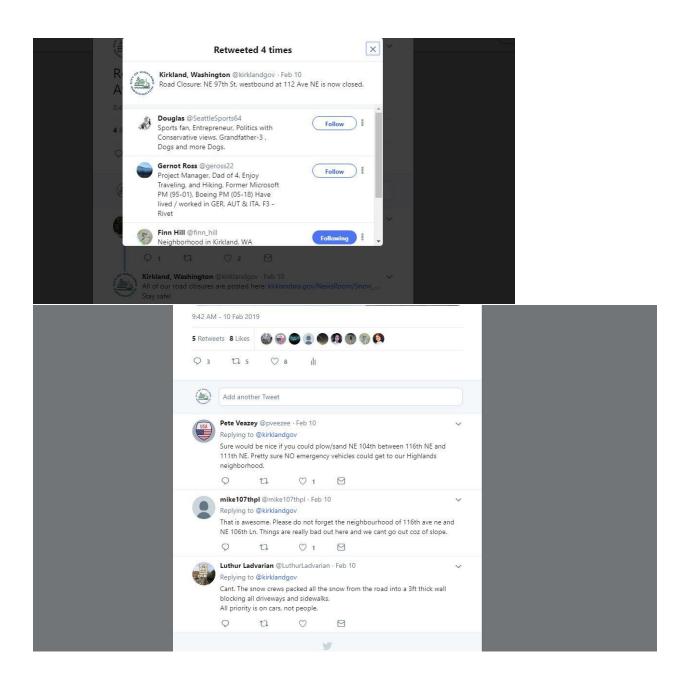


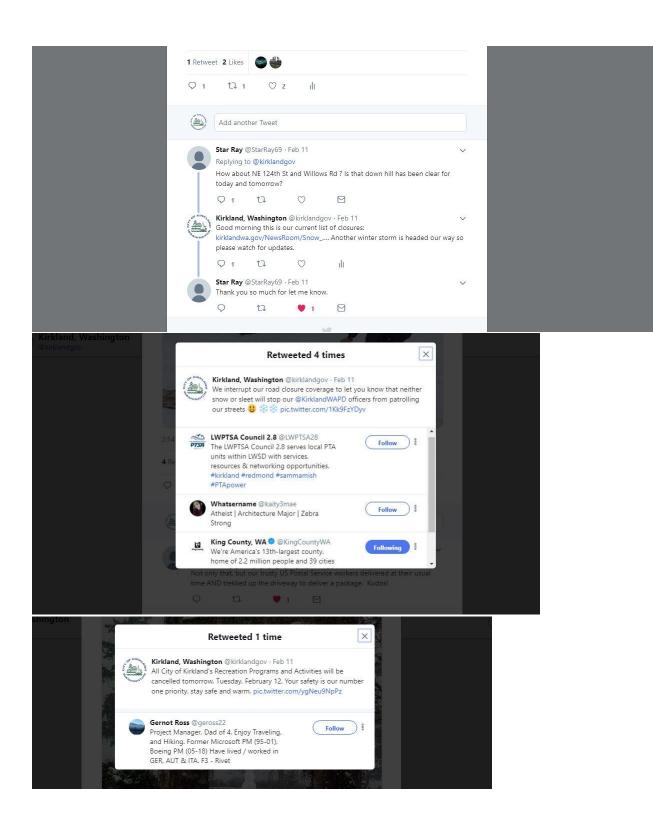


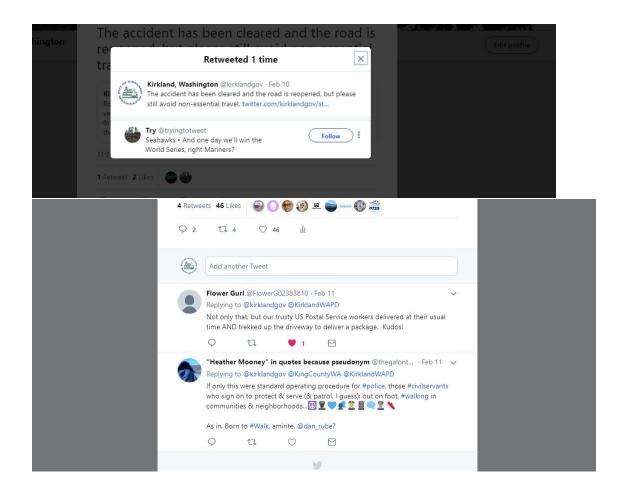


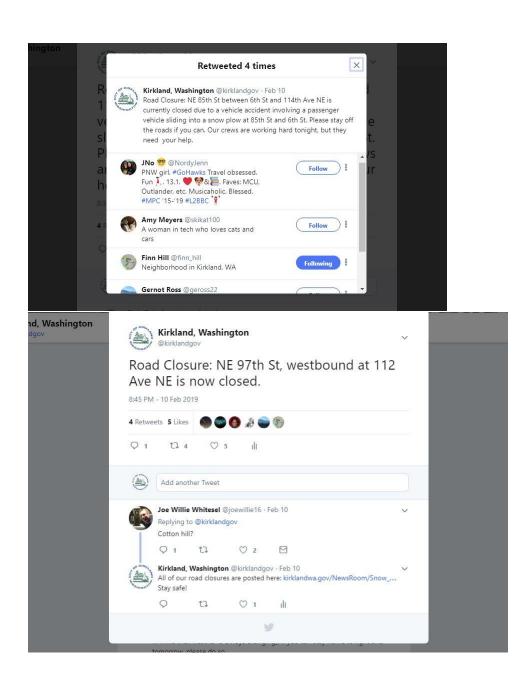




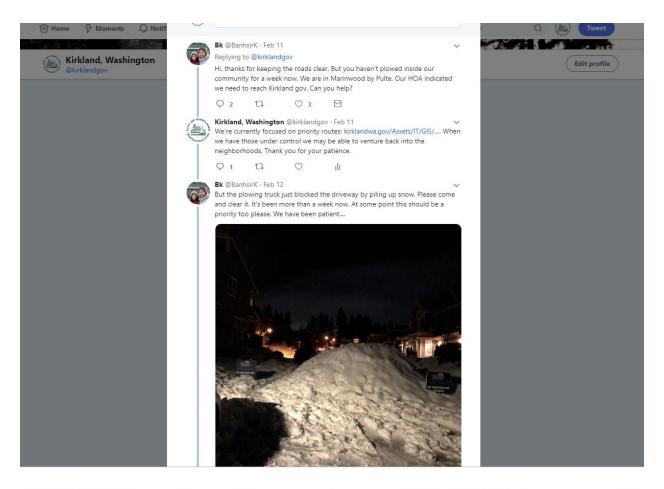


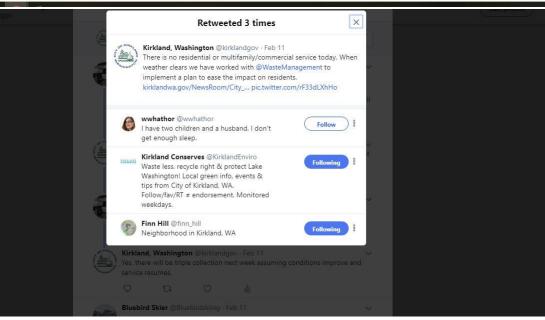


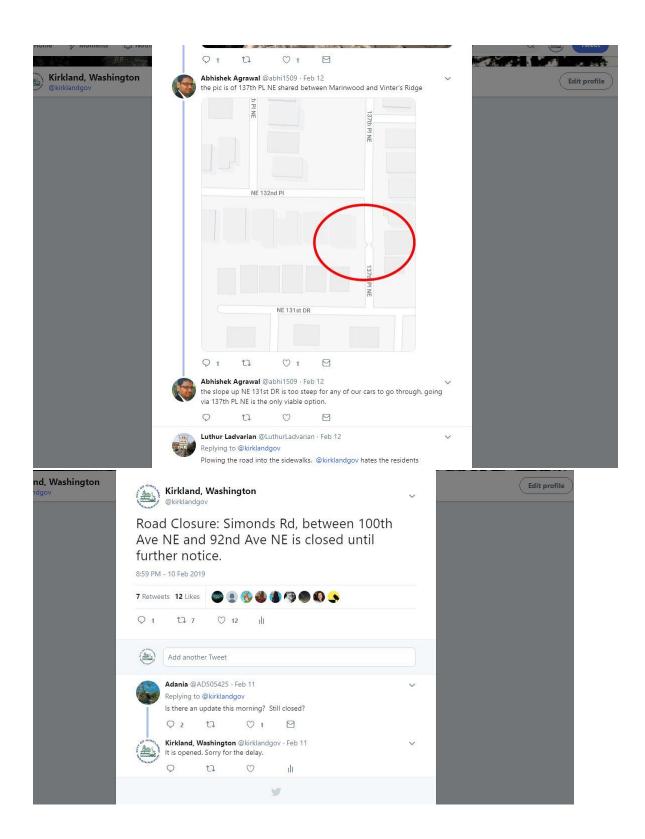


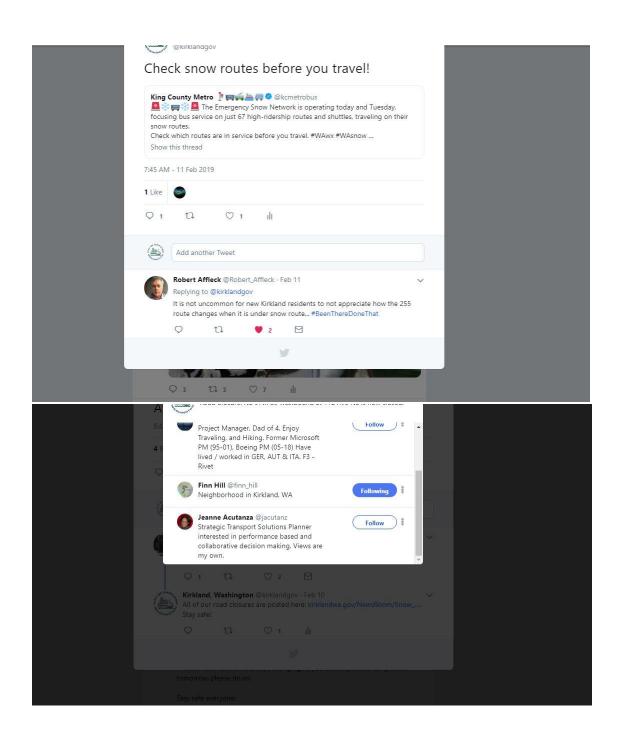


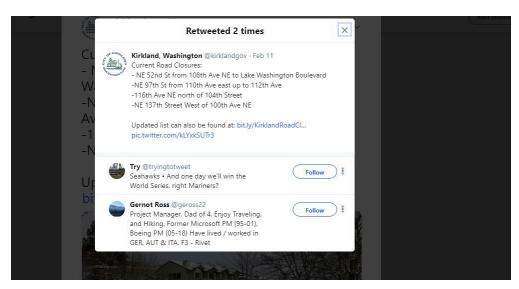


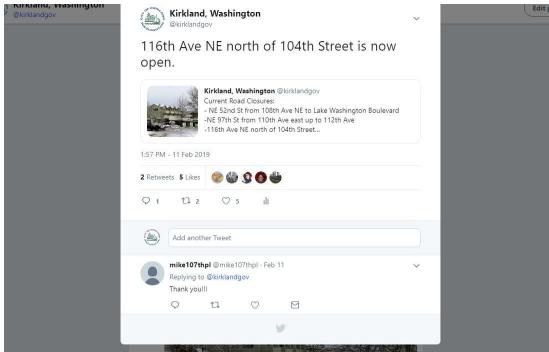


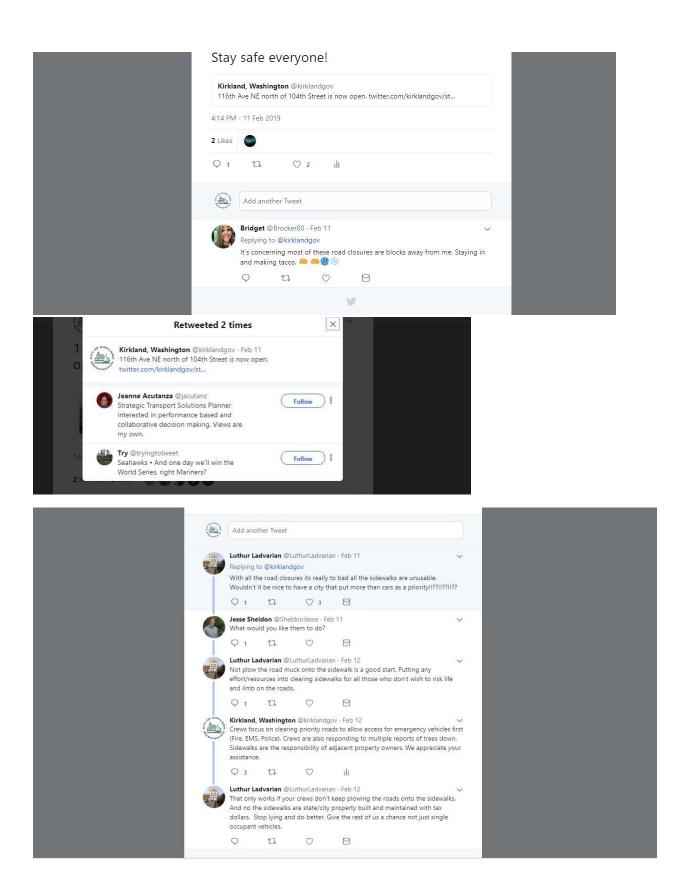






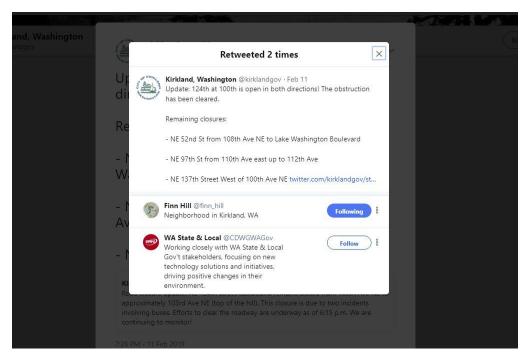


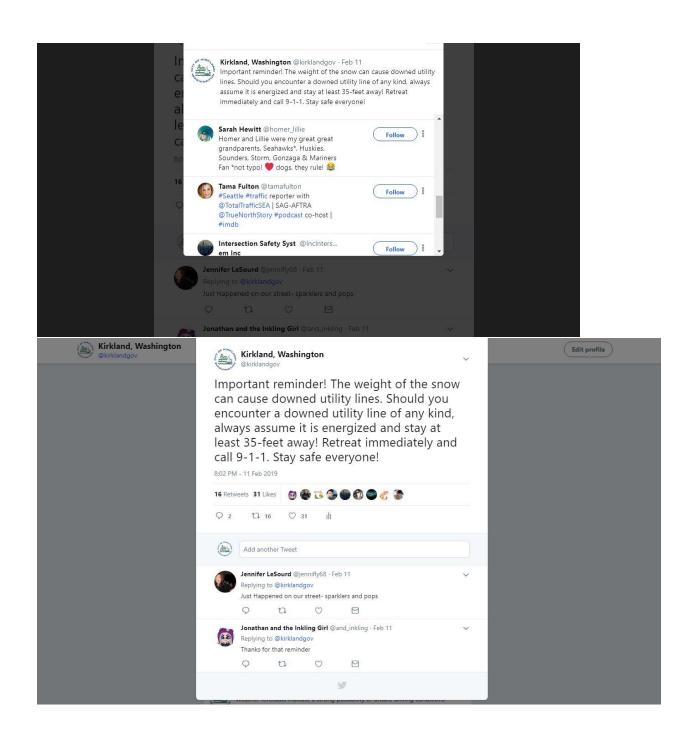


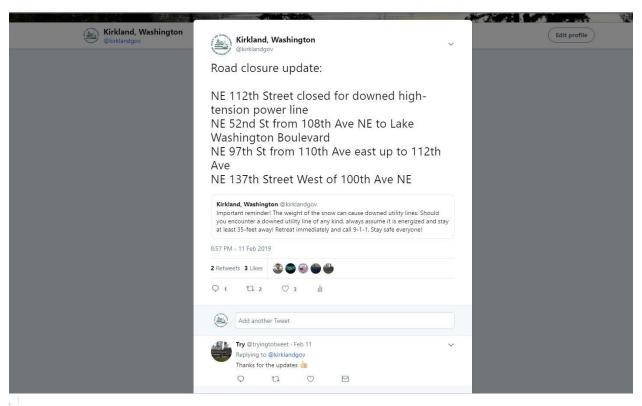


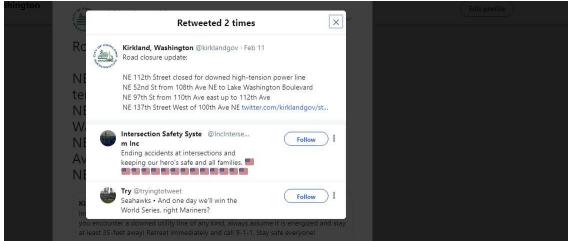


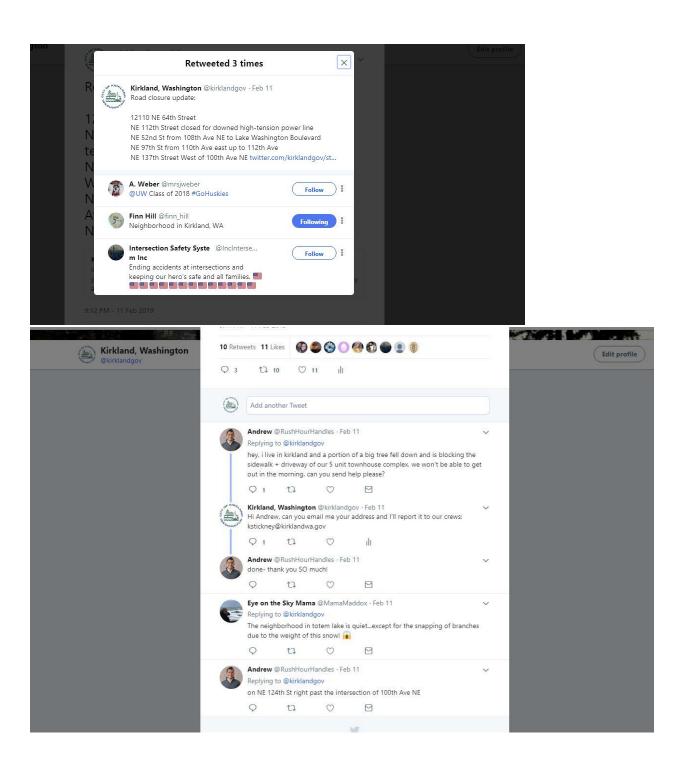


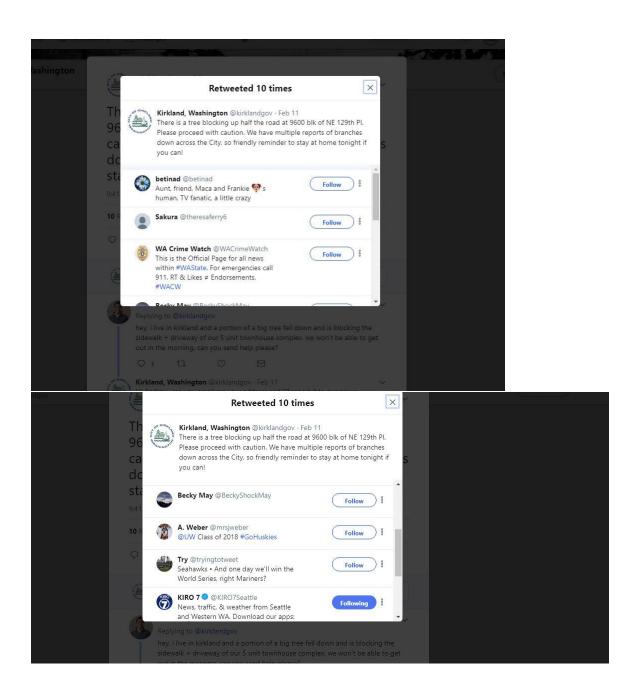


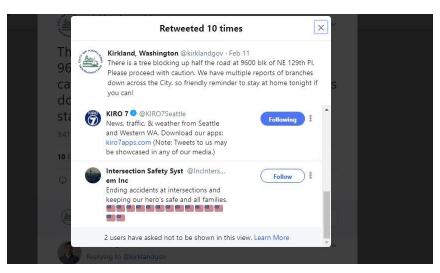


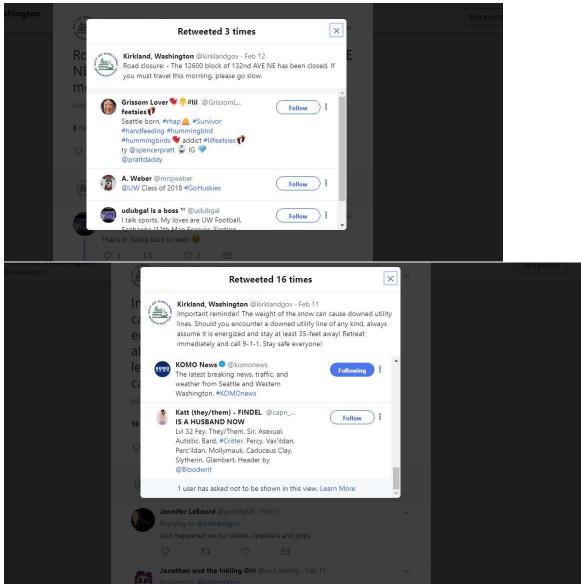


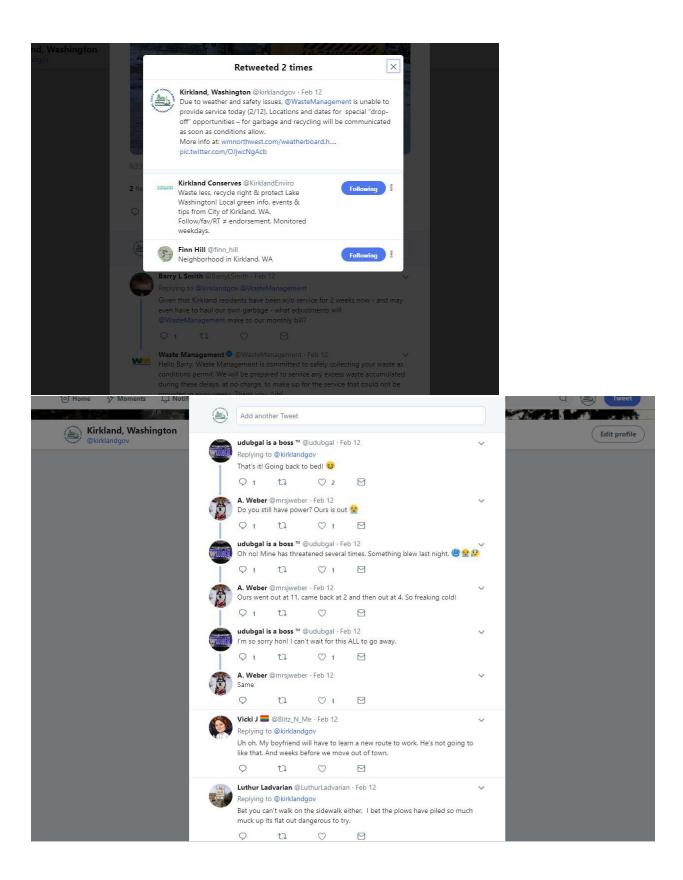


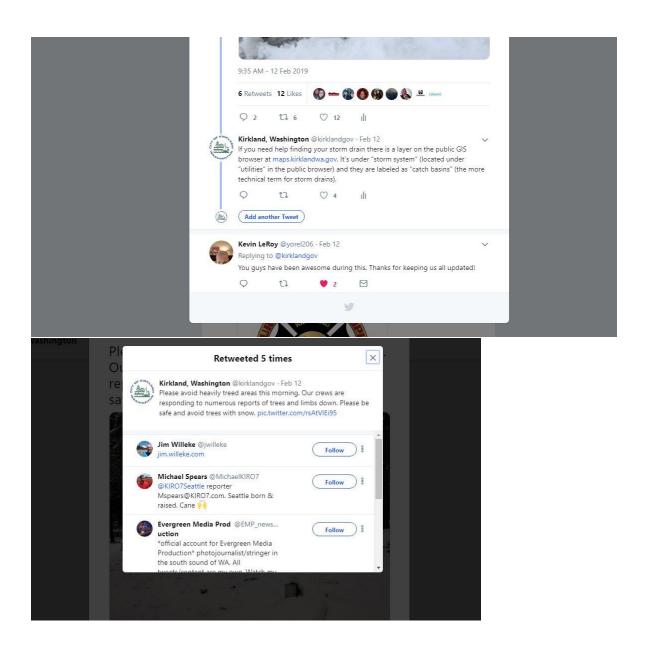


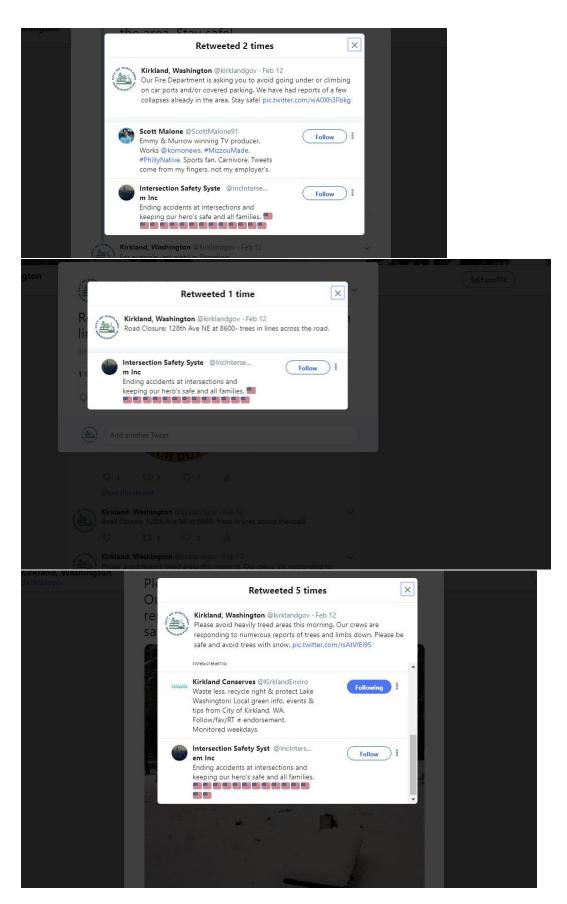


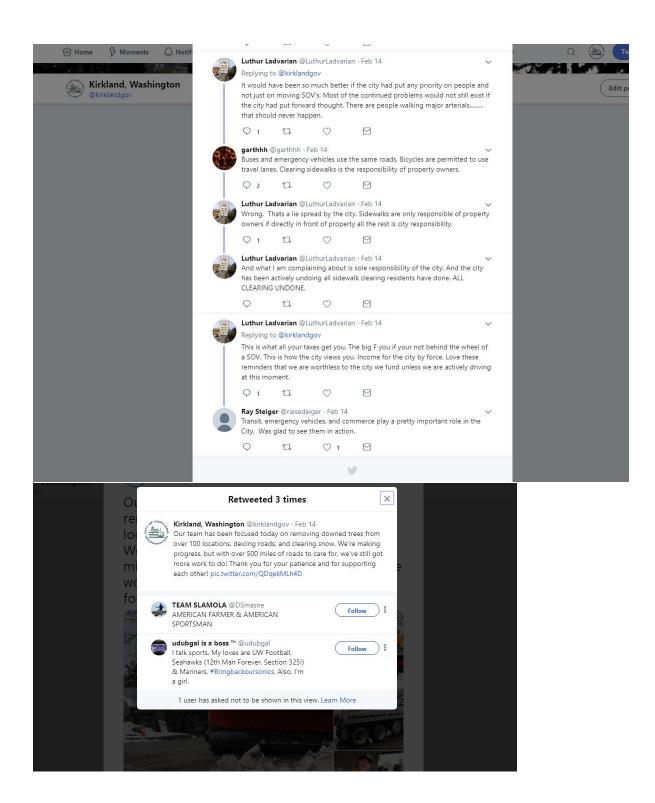


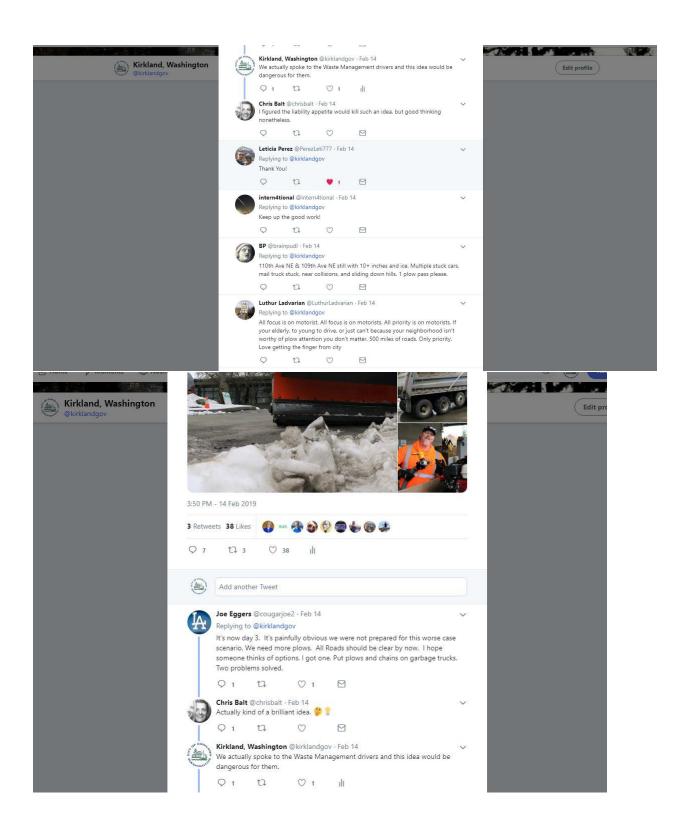


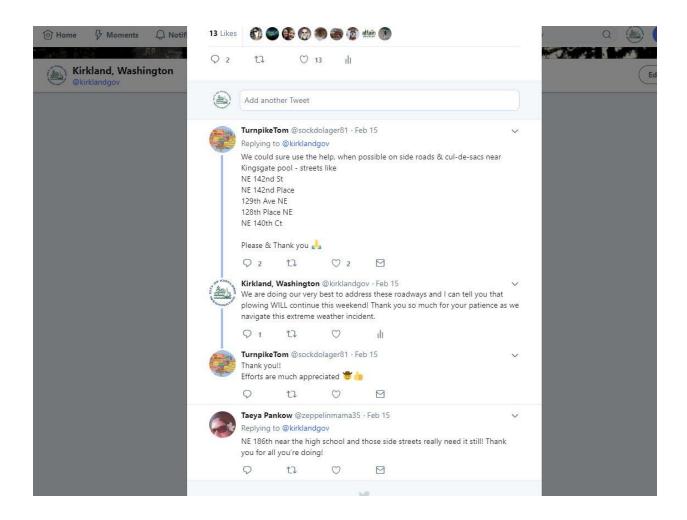


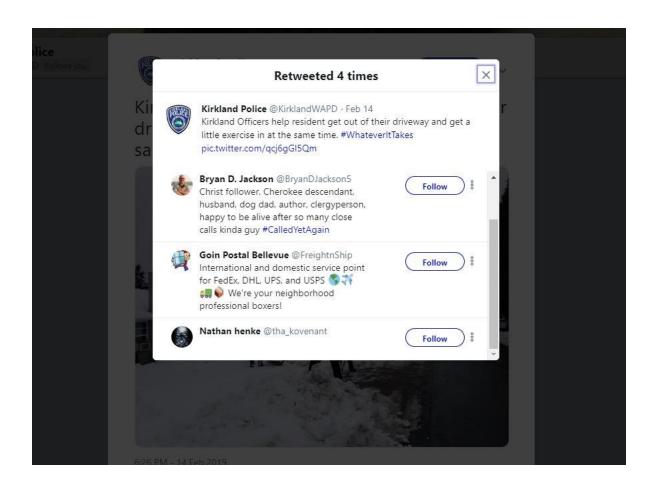


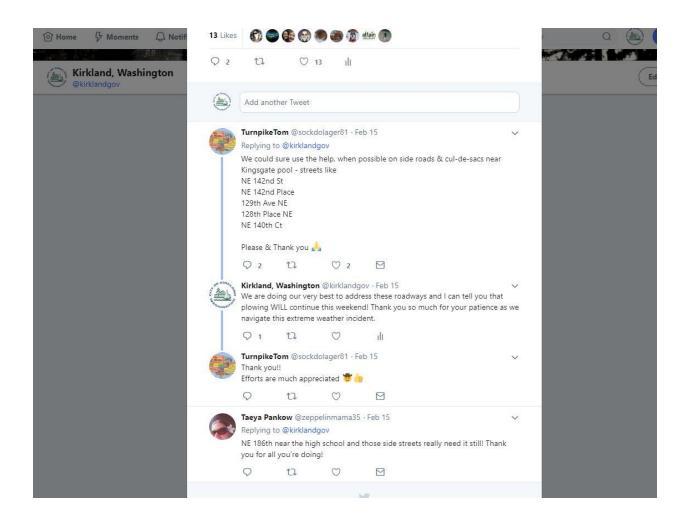


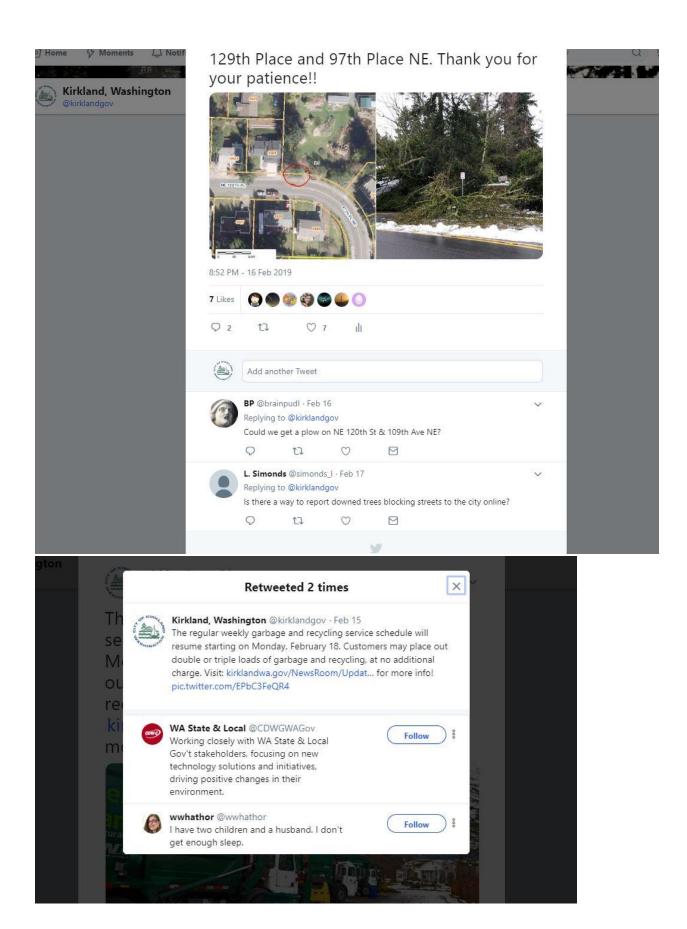


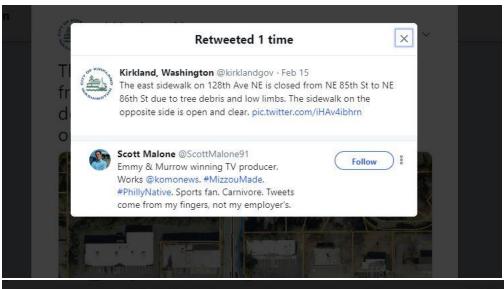














Nextdoor



Kellie Stickney, City of Kirkland AGENCY

Winter Storm Response

Curious about how our crews respond to winter storm events? Watch this 3 minute video to learn about our response before, during and after a snow event: https://youtu.be/_7FQnaXhC_0



8 Feb · Subscribers of City of Kirkland



31 · 4963 Impressions



Kellie Stickney, City of Kirkland AGENCY

Winter Storm Road Closures

We'll be keeping an updated list of road closures on the City website as we work through this storm. Please avoid travel if possible. Stay home, stay warm, stay safe! https://www.kirklandwa.gov/NewsRoom/Snow_Storm_2019_Road_Closures-February 8 s3 p26545.htm



Snow Storm 2019 Road Closures- February 8 KIRKLANDWA.GOV

8 Feb · Subscribers of City of Kirkland





20 · 6487 Impressions

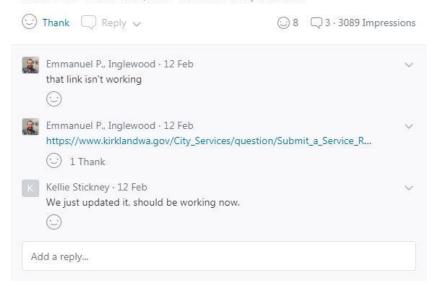


Report Downed Trees Online Thru City Website.

Need to report a tree down (and it's not an emergency)? Please visit: https://www.kirklandwa.gov/City_Services/question/Submit_a_Service_Request.htm



Edited 12 Feb · Posted Feb 12, 2019 · Subscribers of City of Kirkland



STAFF DEBRIEF NOTES

After Action re: February 2019 Snow/Ice Event

What went well?

- Pre-plan development
- EOC staffed and operational
- o Pre-emptive social media and video
- 8-hour shifts (versus 12 hour)
- Material acquisition (sand, salt, deicer)
- Mechanics on staff
- Juanita Drive had no accidents
- Fire Stations & KJC aprons/parking lots deiced/cleared
- Police Vehicles chained or 4x4
- Driveway volunteer crew
- WMI gathering points established
- Overall crew response was excellent
- Kept up morale, teamwork, communicated with each other
- Good equipment
- Appreciate number of people who volunteered for the late shifts, willingness and flexibility
- o Had enough product and were able to get more when it was needed
- Preventative de-icer was very helpful around facilities
- Good collaboration, appreciate the opportunity to pull together
- People stayed safe, no accidents (Parks) just 3 in PW

Hot wash after event

Things to consider next time:

Community outreach (preemptive):

- Driveway and sidewalk shoveling coordination w/ plowing
- Garbage can placement
- Use pwservicerequest@kirklandwa.gov not publicworks@kirklandwa.gov
- Uncover your meter box if you know where it is
- Put your vehicles in your driveway if possible, if we're able to plow your street then this will make it easier to do so
- Help us avoid flooding by uncovering storm drains in front of your house
- Please remember that property owners are responsible for removing ice and snow from the sidewalks that are adjacent to their property (per KMC 19.20.020).
- Public trees into private property (claim process, responsibilities)
- Private trees onto public property (what we do, what they need to do)
- "amnesty" for yard waste location (if available)
- Need clear message whether we're taking requests for plowing outside of the priority routes or not

o EOC:

Clarify that whomever receives a road closure needs to make sure
notification is sent to EOC and Road Closure distribution. If a tree or
branch is on a line, need to call in to PSE or Comcast/Frontier. When road
is reopened, notification also needs to be sent. Sign Shop needs to be

- notified to pick up signs. Maybe Sign Shop should be on EOC or Road Closure distribution?
- No comprehensive list of emergency contacts in each dept. (Fire BC,
 Police, Streets/Grounds leads)
- Little or no communication with Fleet regarding EOC decisions,
 continuation of event
- Communication between EOC / PW / PMO crew as it pertains to field response
- Recommend calling in other EOC staff besides PW/PMO who were handling all they could in the field and with logistics
- Other staff would have liked to help more and have training in EOC
- What is the EOC's role vs operations

Equipment:

- Need operational radios/radios in vehicles
- Additional lights on plows (dark conditions)
- Additional plows on "smaller" pickups during day
- More adequate springs on the small plows
- Temp or permanent c-curb candles in field
- Extra blades available for warn out blades
- Adjustable "V" plows on smaller trucks
- Northern sand storage location (Office Max?)
- Should we look at getting a set of cab doors and plow straight or adjustable V, snow blower, and or sander for the tool cat. It could be used locally in and around the shop or in the smaller neighborhoods:

- https://landing.bobcat.com/snow/attachments.html
- Better quality chains (especially 2-wheel drive; many came off)

External:

- Metro articulated busses clogged the system
- Roadway parking control
- Best way and number to notify PSE and or Verizon
 - New PSE Emergency Number 425-822-4613
- Add WCIA's phone number to our M and O contact list 206-575-6046
- Coordination with PD & Fire on vehicle parking location so that we can better serve their sites
- Coordinate with LWSD on outreach and walk route prep

Operations:

- Road closed tracking/publishing
- Better schedule sharing (i.e. with Fleet/parks)
- 12 hours or 8 hours discussion (still mixed perspectives)
- Fleet (desires to) work 12 hour or transition period
- Briefing for all at start of shift (Office, Fleet, etc.)
- Lunch work throughs (1/2 hour lunch time = 1 hr OT)
- 1-2 floaters on duty
- Alignment w 12 hr. EOC shift duration (06:00 18:00)
- On Saturday and Sunday day shifts, it would be nice if there was someone to answer 3900 besides the shift manager
- On weekday swing shift (after 3:30) it would be nice if there was someone to answer 3900 besides the shift manager.

- Fleet does not have enough mechanics to run 24 hours and do 8 hours shifts like the rest of public works.
- Fleet should have a lead who is in charge.
- Lack of tie in with Fleet crew during overlap/shift change
- No PW crew roster emailed/handed out Fleet had no idea who was running what vehicle/equipment
- No radio assignments no idea who had what radio only way to reach was to broadcast name of operator/staff
- Little or no contact with Fleet when lunch/meals/snacks arrived
- Crew were deployed back and forth across City
- At times when crew arrived a location, it had already been cleared
- Recommend defining "sphere of responsibility" between PW/PMO
- Communication not always passed along (e.g., PMO briefed PW on staff on shift, but would then get call from someone else asking for same information)
- Need better address information from callers/citizens/crews
- There are only 3 available 3900 lines and 2 if forwarded; need additional lines available during high volume.

Policies:

- what does "plowed" mean?
- How to address/prioritize non-priority routes
- Resource allocation between multiple priorities (trees vs plowing)
- When to go from P routes to Non-P routes ("bare pavement")
- Private vs. Public responsibilities: sidewalks, trees, driveways

- What investment in deferred maintenance: buttons, potholes
- Communications: best practices/Council role

Route modifications:

- Align deice and snow route priorities
- 124th west of 100th Ave extend P1 route
- Open 100th Street bridge and the 110th/100th Ave bollards
- 108th Ave NE from NE 132nd Street to Juanita Woodinville to P1 on snow removal (fire request)
- % grade for "likely closed" on maps
- Community special needs mapped
- All P3 to P2; reflects what we do
- Put all North to South roads between NE 80th St to NE 90th St on as
 Priority 2
- need to discuss adding more roadways in Kingsgate and Finn Hill as
 Priority 3 routes
- Review/update priority routes (i.e. customer pointed out that Finn Hill
 Fire Station is still on map).
- Requests were received to be placed on priority route list

Training:

- On where sand should/not be placed
- Training on sander setup and dispersion basics
- How to plow across driveways and intersections
- Plow sequencing (middle to outer lanes)
- Get one quadrant down during training, then others

- Plowing adjacent to sidewalks
- How to operate the equipment
- Pre-inspection what to dos
- Chaining up
- Communication from field on tasks that were done but not assigned.

 (e.g. quick stop to take care for a tree in the ROW and not calling it in.

 Meanwhile the tree is called in by the Public, PD, or Fire but it's already been taken care of.....and gets dispatched...crews are sent out...but tree is already addressed). Happened more than once.
- Need to plan/implement 'Snow and Ice Rodeo' crews and techs work together learning proper operation and maintenance of equipment
 BEFORE events happen
- Extend PW plow training to Parks staff

	Snowplow - Level of Serv	ATTACHMENT D MRSC survey March 2019	
Agency	Plow all/some/none streets after priority route	Plow all/some/none cul-de-sacs	Comments
City of Brewster	All	All	We plow every public street, cul-de-sac and alley, prioritized by usage. Our policy is to plow at 3", however many times we start at 2". Of course it depends on the timing of the snow and weather forecast. For example, if we are going to expect 40 degrees following the snow and get 2" throughout the whole day, we won't plow.
City of Cheney	All	All	
City of East Wenatchee	All	All	
City of Ellensberg	All		We have a schedule of how the streets are prioritized to be plowed, although the timing of the snowfall event dictates the priority level of how we conduct our snowplowing operation.
City of Ephrata	All	All	The City of Ephrata plows all street and Cul-de-sacs after 2" or better has fallen. The City plows major roadways for emergency access first. Then the Hilly areas and Downtown corridor, second. Then residential.
City of Grandview	Grandview has an adopted snow plans that identifies priority streets (Arterials, Downtown and school areas) as our first priority but if it continues to snow, we will move into residential areas. These areas we plow to the center and remove within a couple of days weather permitting.	Adobe Acrobat PDFXML Document	Plowing the residential areas cause additional problems because the streets are narrow and with parking on both sides it really limits the quality of work we can accomplish. For example, if we plow to the sides people can't get their vehicle out, it also effects pedestrians from using sidewalks and if we plow to the center, the driving lanes becomes very narrow and drivers get stuck in the snow berm. We start by plowing to the sides in the residential areas until we start seeing a large accumulation of snow. The next step is to plow to the center and remove the brims as time permits. The goal is to improve vehicle/pedestrian travel and much as we can recognizing that nothing we will accomplish will be consider as perfect. Snow control is very challenging and expensive and I don't believe there is a one size plan that will work for every city. We can only do the best we can with what is available to the departments.
City of Kennewick	All, but only if all priority routes are in good shape, and if they actually need plowing.	All, but only if all priority routes are in good shape, and if they actually need plowing . Also we typically need special equipment (loaders) as our plows are too big to do most cul-se-sacs.	
City of Leavenworth	All	All	
City of Moses Lake			If we decide to plow the residential streets, we plow all of them. The decision is based on the condition of the snow and how it affects the traffic. We hire a contractor to plow the residential streets if the decision is made.
City of Omak			Snow Removal Policy
City of Othello	All	All	
City of Prosser	All	All	The City of Prosser is setup by Class level I through Class Level IV for snow plowing. The Class Levels are as follows: Class Level I – Main Collectors, Emergency Routes Class Level II – School Bus, School Routes, Business Routes Class Level III – Hills and Slopes Class Level IV – Local Access, Residential Streets
City of Richland	We operate snow and ice removal based on a priority system that leaves local streets to the lowest priority. We have identified specific local streets that are the most vulnerable to difficult conditions because of steepness and sun exposure. These streets get pre-treated with de-icer or salt before storms and are some of the first local streets we will plow.	In most snow events we don't plow local streets because the accumulation and duration of the event isn't a significant impact on residents. In 2017 and now 2019 the snowfall has significantly impacted local streets such that many are impassable to typical vehicles. We plow them in these circumstances, but it takes us days to do so because our resources are really sized to the priority system only. We work cul-de-sacs when we do local streets.	https://www.ci.richland.wa.us/departments/public-works/traffic-and-streets/snow-removal
City of Union Gap	Plow all local access streets	Plow outside travel lanes in cul-de-sacs	
City of Walla Walla	Yes. As a second priority. The residential streets are divided into sectors without any particular regard.	Yes. As a part of residentials in general.	
City of Wenatchee	All	All	
City of Airway Heights	We plow all local streets, time depending, after the priority routes have been accomplished.	Same with cul-de-sacs.	
City of Algona			Small enough to plow all roads

Agency	Plow all/some/none streets after priority route	Plow all/some/none cul-de-sacs	Comments
City of Anacortes	We plow as many of the remaining streets as possible	We plow as many of the cul-de-sacs that we can safely maneuver around. Some are very small and we can't safely get our equipment through. Others have cars parked making it hard to get the plow in so we do the best we can.	
City of Edmonds	After primary routes are cleared we move onto our secondary routes. Those routes are chosen due to their connectivity to the primary routes.	Only after both primary and secondary routes are cleared will we start to push snow on residential/cul-de-sacs. The criteria is can it be done safely and will it provide relief to a challenged snowbound area of our town.	https://myedmondsnews.com/2019/02/city-of-edmonds-maps-for-snow-removal-and-anti-ice-applications/
City of Enumclaw	We have established three levels of service with our priority routes. Once those are completed, we monitor and (spot) plow some the remaining local streets, intersections, and cul-de-sacs as needed.	See prior answer	Criteria considered- snow drifts from wind, lane width, parked cars, potential/possible flooding from melt, complaint/request from public. We tend to get mixed reviews when plowing local streets when needed.
City of Federal Way	We plow all, provided resources are available. In general, our guidance is to do what does the greatest good. Meaning, once we are at the local street level we start with the 'collector' locals and work down those as well as those which limit access to residential areas (i.e. steep slopes, hard turns, etc.) Greatest good is defined by the remaining roads with the maximum number of houses/trips.	This fits into the previous answer. We plow some of them, primarily those with steep slopes. Typically before we finish them the snow has melted to the point where it is no longer required. We are limited on many of the cul de sacs by road width and cars parked on street.	
City of Granite Falls	All with the exception of public roads	All with the exception of public roads	
City of Issaquah	All City owned streets are plowed during snow plowing operations	All City owned Cul-de-sacs are plowed during the snow plowing operations	When I say "during snow plowing operations", I mean that our "Job" is not completed until they are all hit and passable during and after the storm.
City of Kent		residential streets unless we are requested to do so for an access problem, such as a cul de sac at the bottom of an incline. This is only if we are able to get to it which would be the lowest priority	https://www.kentwa.gov/residents/transportation-and-streets/snow-and-ice-response-plan
City of Kirkland	Kirkland does plow non-priority routes but only <i>after</i> we complete all of the priority routes. Historically, most of our snow events have only been 2-3 days in duration with melting conditions coming quite soon after the event, as such, we do not typically move beyond our priority routes however will take emergency or medical plow requests. Due to the duration of the most recent February 2019 event, we did get into our non-priority system and completed approximately 70% of that network (we have 65 miles of priority routes and around 185 miles of non-priority routes – see attached plow map). We focused on neighborhoods with the highest elevations and then went out from there. We are currently developing additional criteria and will be discussing the priorities of non-priority routes with our City Council in April. Criteria likely will include: lesser used transit routes, school walk routes, east/west running roads in shade (less melting opportunity)	We tend not to plow cul de sacs unless they serve 15-20+ residents.	https://www.kirklandwa.gov/Assets/IT/GIS/SnowRoutes.pdf
City of Lake Forest Park	Attempt All	Cul-de-sacs are the last priority and rarely are we able to ever plow them.	Not really an easy one to answer. We make every effort to snow plow all of number 1 but sometimes just can't get to them, the criteria would be how they connect to the arterials or State Highway's in our case.
City of Longview	We will plow all of our neighborhood streets and cul-de-sacs. They are only plowed if priority routs are cleared and only on regular time not after hours overtime.	See previous answer	https://www.mylongview.com/460/Winter-Maintenance-Priority
City of Langley	All	All	
City of Lynden	Typically we don't plow local streets until we are sure that the snow routes are taken care of and then if there has been significant accumulation we try to at least open up a travel lane on the remaining local streets including cul-de-sacs. We will address other routes if we are made award of a particular safety or health issues. I've also copied my Street Superintendent so that he can add on if he has comments.	See prior answer	
City of Marysville	Marysville has a Snow Routes Map on our website showing our primary (arterials) and secondary (collectors) plowing routes. We typically do not plow residential streets, although through this latest storm cycle our administration allowed me to develop and post a third series of streets to be plowed based on the limited transportation routes used by the Marysville School District and out City Solid Waste Division.	Marysville does not plow any cul-de-sac streets.	prioritize snow and ice removal

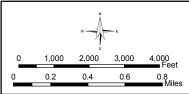
Agency	Plow all/some/none streets after priority route	Plow all/some/none cul-de-sacs	Comments
City of Medina	All	Some , if they are accessible and city row.	
City of Monroe	Local streets are plowed only IF the arterials and collectors on the priority route are plowed to the point that continued plowing is not making an impact on snow accumulation.	Same	
City of Mukliteo	Some once the priority streets are plowed. Citizens can request service through the City's website or calling public works directly. City staff will try to accommodate based on whether we think it is safe (e.g. the road is too steep) and there isn't a more pressing need on a priority street	Some. Same answer as previous.	
City of North Bend	All	All	https://northbendwa.gov/CivicAlerts.aspx?AID=765
City of Olympia	storms we get the snow has melted enough that there is no need to get into all neighborhoods by	We tried to get into cul-de-sacs as best we could. We found it difficult to plow these areas and a lot of times had no where to push the snow too. We did, eventully, send out heavy equipment (backhoes and loaders) to try to help with these areas.	http://olympiawa.gov/city-services/transportation-services/streets/snow-and-ice.aspx
City of Port Orchard	The city plows per our adopted snow route map (see attached), which prioritizes major/minor arterials, collectors and some critical local access roads. Once we have all P1 thru P3 roadways under control, we then move onto residential subdivision streets.	We plow cul-de-sacs to a degree, as a function of the residential street plowing. Unfortunately, cul-de-sacs tend to be where plowed snow is placed to melt.	https://www.cityofportorchard.us/documents/snow-routes-pdf/
City of Rainier	All	All	We plow all we start with state route then arterials then local to include cul-de-sacs
City of Renton	All	All	Renton has just over 311 center line miles and approx. 700 lane miles of streets. Plan and goal is to plow all streets- utilizing 24 hr operations / 2 - 12 hrs shifts with split start times of 5 AM/PM, 7 AM/PM to cover rush hour times. Winter Operations Fleet is 11 Plows, 10 Sanders, with 8 CDL Plow/ Sanders, 3 Deicer Applicators (2050 gallons) with Plows, 1 Sander with PreWet System. We pretreat streets with Deicer 12-24 hrs before an event, all main and secondary arterials and collectors, hospitals, schools, Fire Stations, bridges, steep grades and hills. During a snow event, all Priority 1 Routes are cleared and secured first, then on to secondary and main routes through neighborhoods, then into all streets. Our city is divided into 5 Regions. Operators are required to stay within their Regions and on their Routes
City of Ridgefield	In a snow or ice event, roads are cleared or treated in the following order: arterials, collectors, and bus routes. After these streets are plowed and sanded, the crew will attempt to clear neighborhood streets if time and conditions permit.		https://ridgefieldwa.us/wp-content/uploads/Snow-Removal-Map-2015-Reduced.pdf
City of Sedro-Wooley	We have a posted Snow Plowing policy. Basically we start with the arterials, then to the Local Access streets, plowing all roads eventually.	We have designated a couple of local streets with Cul-de-sacs as non- plowed due to grade. We send out an annual letter in November reminding those folks of the limitations.	https://www.ci.sedro-woolley.wa.us/Departments/Streets/20161025_snow_ice_control_policy_updated.pdf
City of Sequim			If there is time before the snow melts, and usually there isn't, we would continue plowing all
City of Shelton	All	All	The City of Shelton plows all local streets including cul-de-sacs after the snow event is finished.
City of Snohomish	We plow ALL local streets, after priority routes are cleared. We close the steep/hilly section of four roads.	We plow ALL cul-de-sacs, after priority routes are cleared.	
City of Stanwood	All	All	
City of University Place	We plow local (residential) streets only after all of our priority (arterial) streets are clear.	No cul-de-sacs.	
City of Woodinville	Woodinville focuses on the priority routes, and as conditions allow we try to get to all the remaining streets, including cul-de-sacs.	See prior answer	With the length of the event this year and how long snow lingered I believe we ultimately were able to plow all roads. We do not plow private streets, nor do we remove snow berms left by the plowing in front of individual driveways.
Town of Woodway	All	All	

City of Kirkland Anti-Icing Routes

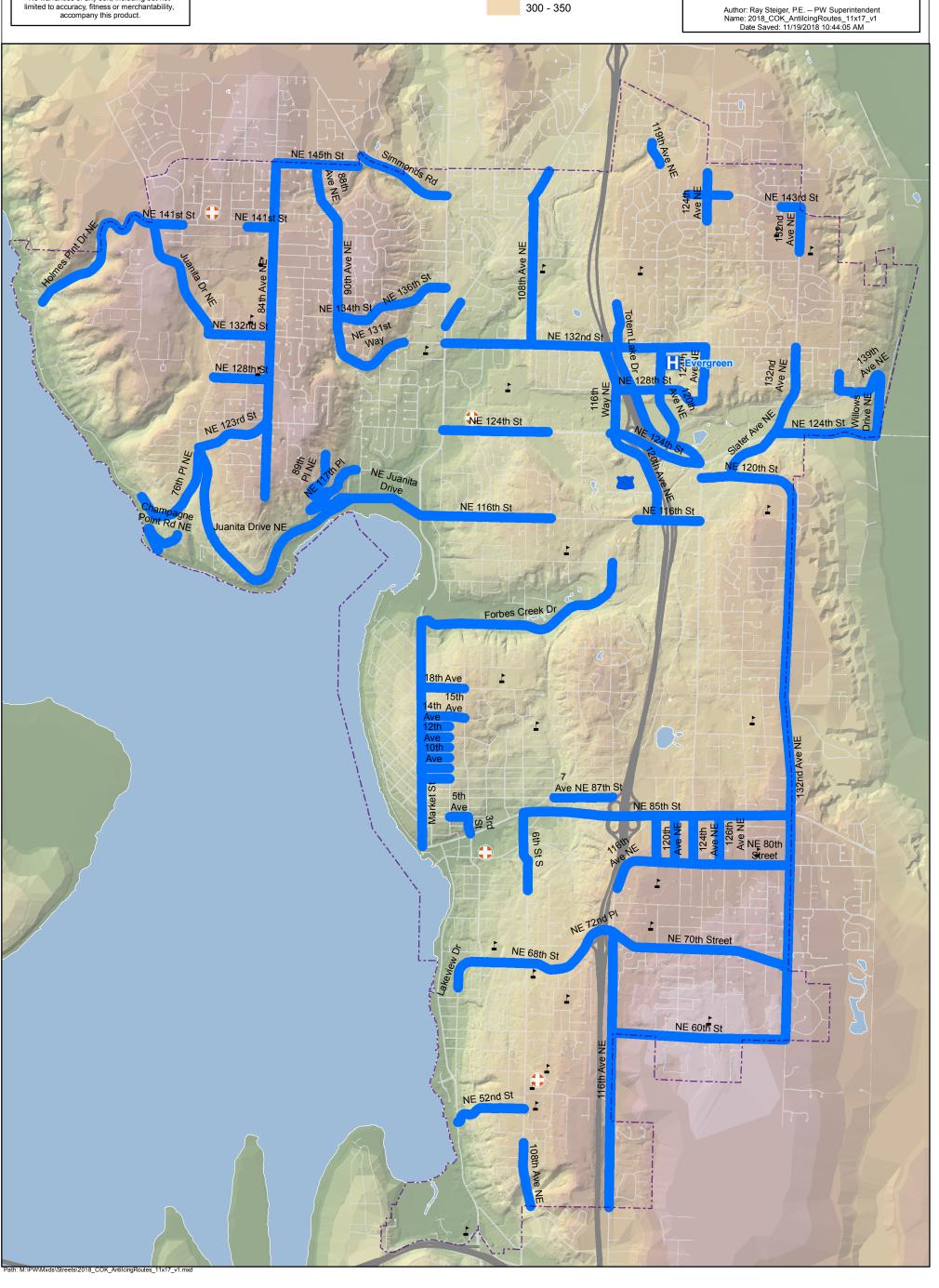
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Author: Ray Steiger, P.E. – PW Superintendent Name: 2018_COK_AntilcingRoutes_11x17_v1 Date Saved: 11/19/2018 10:44:05 AM



4,000 Feet

City of Kirkland Snow Plowing Routes

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Window Size: 80.000 250 - 300 Kirkland Justice Center Fire Stations 530 - 600 200 - 250 CLOSED ROADS 500 - 530 150 - 200 POTENTIALLY CLOSED ROAD 100 - 150 450 - 500 PRIORITY 1 400 - 450 50 - 100 PRIORITY 2 350 - 400 0 - 50

PRIORITY 3 300 - 350

School Locations

Author: Ray Steiger, P.E. -- Superintendent Name: 2018_COK_EmergencyRoutes_11x17_v2 Date Saved: 11/19/2018 11:01:23 AM

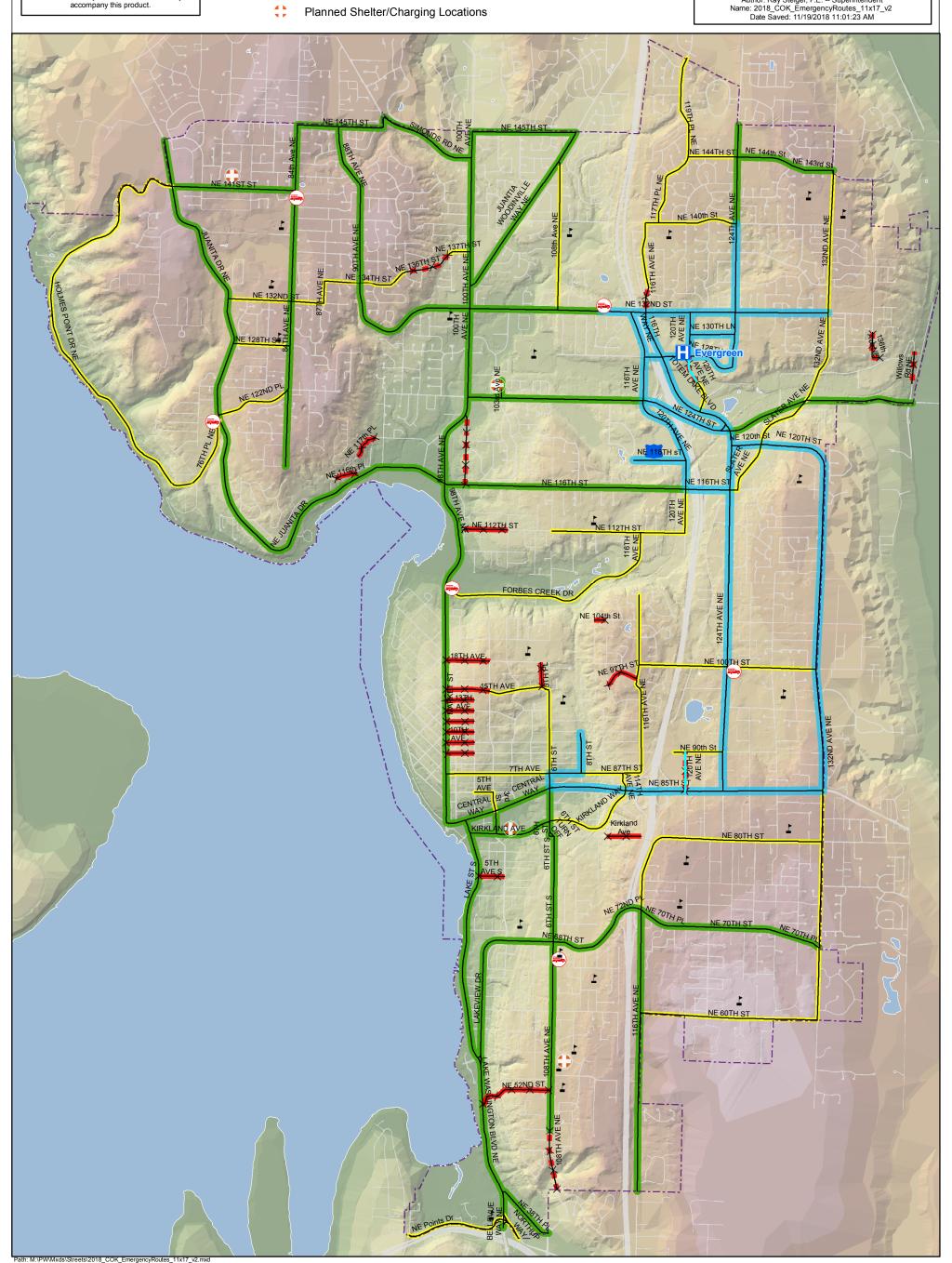
0.15

2,000

0.3

3,000

0.45



City of Kirkland Wind Storm Sweeping Routes

Kirkland Justice Center Fire Stations PRIORITY 1 PRIORITY 2 **School Locations** Planned Shelter/Charging Locations

250 - 300 Window Size: 40.000 200 - 250 150 - 200

> 100 - 150 50 - 100

0 - 50

530 - 600

500 - 530

450 - 500

400 - 450

350 - 400 300 - 350

0.15 0.3 0.45

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