

From: ["Levitt, Karen" <karen.levitt@vancouver.ca>](mailto:karen.levitt@vancouver.ca)
To: ["Direct to Mayor and Council - DL"](#)
Date: 12/20/2022 6:35:03 PM
Subject: [Extreme Weather Response – Key Messages & QA \(December 20, 2022\)](#)

Dear Mayor and Council,

With lots of interest from both the general public and the media about the City's snow response, we're sharing with you below the City's key messages on this topic, as well as a list of the City's warming centres /emergency shelters.

The attached document contains more detail on the City's snow equipment and services, service impacts of the snow, relevant statistics, and jurisdictional responsibilities, should you really want to dive in.

All the best,

Karen

Key messages, extreme weather response

Q: What snow response measures has the City activated/have in place?

Approximately three to four hundred staff and all available equipment from across Engineering Services is deployed carrying out 24/7 snow and ice treatment (plowing, brining and salting) on all priority routes and locations:

- Major roads and bus routes
- Bridges and bridge sidewalks
- Main streets adjacent to major hospitals
- The four major pedestrian pathways - Arbutus Greenway, Central Valley Greenway, False Creek Seawall, and Coal Harbour Seawall
- The 16 most-used bike routes

Q: What is the City doing differently based on past snowfalls and what would we do differently in future?

- Following the 2016/2017 winter season we expanded service levels to include treatment of key pedestrian pathways adjacent to bike routes, , arterial corner ramps, bus stops, and priority laneways required to assist in garbage collection
- The City plows: arterials, bridges, viaducts, collector routes, emergency routes, school routes, priority bike lanes, bus stops, and arterial corner ramps. We prioritize pedestrian pathways adjacent to the 16 most-used bike routes.
- We have a three-tier route schedule with mandated time frames for response at each tier
- This response level is in line with the service level of similar municipalities, including Surrey, New West, Seattle and Portland.
- This year (2022), the City also purchased two new machines that are assisting us in doing salt, brine, and plow treatments on the sidewalks on the Granville, Burrard, and Cambie Bridges. We are really pleased to have this equipment in the fleet as it will make it easier for our crews to do their work more quickly and effectively, as previously narrower sidewalk sections had to be treated by hand by crews.

Q: What is the City's snow response budget and how many FTE/teams are being deployed?

We deploy between three to four hundred staff from Street Operations and from across Engineering to respond to major snow fall.

- The 2022 budget for snow readiness is **\$2.1M**, average total spend is **\$5.1M** which includes readiness and response (unbudgeted)
- In 2017, we increased the preparation budget from \$780k to approximately \$1.2 million per year to support increased service levels. At that time we invested \$4.5 million to purchase equipment, upgrade the yards, and install traffic cameras.
- Our weather readiness budget is \$2.2 million dollars for 2022. This covers the costs of preparation expenses such as equipment preventative maintenance, crew training, and administrative resources to manage the program.
- Based on the last 5 years, the total annual weather readiness and response expenses have averaged \$5.1 million.

Information on Warming Centres & Extreme Weather Response Shelters

The City and partners are once again activating a variety of spaces to encourage people to come in from the cold. Extreme Weather Response Shelters provide mats to sleep on and are open during extreme rain, wind, snow or when the temperature feels like 0°C or below. Depending on the location, visitors to these warm spaces may bring pets, bikes and carts with them. The City extends its appreciation to the community organizations who make their spaces available to activate as Warming Centres and Extreme Weather Response Shelters.

Extreme Weather Response Shelters are currently open to provide additional spaces at the following locations:

- Directions Youth Services Centre
 - 1138 Burrard Street
 - 10pm – 7am
- Cascades Church
 - 3833 Boundary Road
 - 9:30pm – 9am
- Bud Osborn EWR
 - 27 West Hastings Street
 - 7pm – 7am
- The Salvation Army Belkin House
 - 555 Homer Street
 - 9pm – 7am
- Langara YMCA
 - 282 West 49th Avenue
 - 9:30pm – 7am

Warming Centres will be open at the following locations:

- Britannia Community Centre – 1661 Napier St (Gym D)
 - Open 10:00pm to 6:30am
- Powell Street Getaway (DTES)
 - 450 East Hastings Street
 - 9pm – 7:30am
- Aboriginal Front Door
 - 390 Main Street
 - 11pm – 7am
- Odd Fellows Hall (Fairview)
 - 1433 West 8th Avenue
 - 9:30pm – 8:30am
- Marpole Neighbourhood House
 - 8585 Hudson Street
 - 10pm – 8:30am
- Gathering Place
 - 609 Helmcken Street
 - 8:30pm – 7:30am
- Mount Pleasant Community Centre
 - 1 Kingsway (entrance off 8th)
 - 10:30pm – 6:30am
- West End Community Centre
 - 870 Denman Street (entrance on Haro St)
 - 11pm – 6am

Snow and Ice Response in Vancouver

Key Messages

Updated December, 2022

Top Line Key Messages:

- The City of Vancouver takes snow and ice treatment seriously and has a winter maintenance plan that includes street salting, brining, plowing, enforcement and emergency response plans.
- When cold weather is forecast, our essential workers in Engineering Services begin planning for snow and ice treatments on priority routes around the City.
- Our crews make consistent, coordinated efforts to treat priority routes, including bus routes, bridges and arterials.
- We request that the public help our crews who are out treating snow and ice on the roads on snow days by only undertaking essential trips.
- The public also plays a large role in keeping Vancouver's sidewalks and storm drains clear.
- All Vancouver property owners and occupants (tenants) are responsible for clearing snow and ice from the full width of sidewalks that surround their property.
 - By 10 am on the morning following a snowfall.
 - In effect 7 days a week.
 - Failure to remove snow and ice may result in fines.
- Snow and ice on the sidewalk can be a barrier for many people, particularly seniors and people with mobility challenges.
 - The City encourages residents and businesses to lend a hand to those who are unable to shovel their own sidewalks.
 - You can also become an official Snow Angel and help others in need when it snows – www.vancouver.ca/snowangel
- To report problems on City property please use the Van311 App. Snow and ice emergencies on City property should be reported by calling 3-1-1.

Key Messages – What the public can/should do:

Before the snow starts to fall:

- Have your snow shovels and de-icing materials ready before winter weather starts.
- When snow is in the forecast and your vehicle is parked on a major route, move it to a side street or garage.
- Identify transit routes and schedules ahead of time. Visit translink.ca for more information.

- Equip your vehicle with tires suitable for winter weather conditions.
- Practice [sustainable salt use](#):
 - Excess road salt damages vehicles and infrastructure, harms our pets and plants and degrades waterways. You can help by only using as much salt as you need this winter.
 - More salt does not mean more melting! A 12 oz coffee mug of salt should be enough for 500 square feet of driveway or 10 sidewalk slabs.
 - It only takes one teaspoon of road salt to permanently pollute 18 liters of water. Cleaning up excess salt is important because what's left on the ground eventually makes its way into our soil and water supply, including surface water like creeks and streams, and groundwater.
 - Once salt has dissolved in water, it's always in the water. Salt can alter the pH level of soil and water which can be bad for plants, animals and other organisms. You can help prevent excess salt from washing into our waterways by only using what you need this winter.
 - De-icers can help keep us safe from icy patches - but they can harm our four-legged friends if used improperly or excessively. You can help by buying de-icing products with lower impacts on animals, only using what you need, and sweeping up and removing what's left behind after the ice melts.
 - Pet owners should clean paws after walks and keep pets from ingesting products.
 - The City has a salt management plan to help prevent excess salt from washing into our waterways. Here's some tips to help minimize your impacts. Make sure your salt is rated for the temperature, shovel first, and use a 12 oz coffee mug of salt per 500 square feet of driveway or 10 sidewalk slabs.

When the snow falls:

- Snow and ice on the sidewalk can be a barrier for many people, particularly seniors and persons with mobility challenges. Keep sidewalks and streets safe in your community:
 - Clear snow and ice from the full width of sidewalks that surrounds your property by 10 am on the morning following a snowfall, seven days a week.
 - If you are away or are unable to clear your sidewalk yourself, make arrangements for someone to clear it for you.
 - Lend a hand to neighbours who cannot shovel their own walks and consider becoming a [snow angel](#) volunteer.
 - Avoid shoveling snow onto sidewalks or the roadway.
 - Help keep storm drains clear of leaves and snow to prevent flooding. Consider [adopting your own catch basin](#).
 - Leave the car at home and take transit or walk to work. If driving during a snow fall, please give way to, or stay at a safe distance when following a truck that is plowing, salting, or brining the roadway.

After a snow event:

- Clear snow around the gutters and storm drains near your property to reduce flooding.

Key Messages - What the City does:

- When snow/icy weather is forecast the City deploys trucks to treat priority routes with anti-icing material (brine), de-icing material (road salt), abrasive material (road salt and/or sand) and/or plows depending on the conditions.
- Response is guided by the weather, and the City has 72 vehicles and 29 other equipment units, 3,000 tonnes of salt at our yards, and hundreds of personnel available to deploy as required.
 - As of 2022, City utilizes the following vehicles and equipment:
 - 22 Tandem Dump Trucks w/plow & salter
 - 25 Single-Axle Dump Trucks (4.5-7 Yard) w/plow & salter
 - 4 also outfitted w/brine sprayers
 - 16 Single-Axle Dump Trucks (1 Yard)
 - 14 outfitted w/plow & salter,
 - 7 also outfitted w/brine sprayers
 - 6 Multipurpose Vehicle (MPVs) w/sweeper/plow & salter/brine
 - 2 Bombardiers w/plow– for bridge sidewalks
 - 2 Stand-on sidewalk units – for bridge sidewalks
 - 17 Backhoes
 - 2 Loaders
 - 2 Gradalls
 - 2 Graders
 - 2 Bobcats w/snow blower
 - 5 Walk-Behind Snow Blowers
 - 2 walk behind brine units
 - 1 Brine Making Facility (National)
 - 1 expanded salt facility at National (2nd undergoing repairs)
 - Up to approximately 500 staff can be made available to respond to severe weather conditions
- If snow and or ice accumulates resources are also deployed to clear storm drains to minimize the potential for flooding problems.
- To maximize the effectiveness of available resources, the City's first priority locations for snow and ice treatment are major routes including:
 - Bus routes
 - Arterial, secondary and collector roadways & bridges
 - Emergency evacuation routes
 - Adjacent to major hospitals (5) and health care facilities (2)
- The City's second priority locations for snow and ice treatment are:
 - Priority hills
 - Four (4) key pedestrian pathways
 - False Creek Seawall (from Burrard Bridge south side to north side)
 - Coal Harbour Seawall (from Burrard St to Alberni St)
 - Arbutus Greenway

- Central Valley Greenway
 - 16 Priority bike ways
 - Adjacent to schools and care facilities
- The City's third priority locations for snow and ice treatment are:
 - Arterial corner sidewalk ramps
 - Arterial bus stop waiting areas
 - Mini parks
 - Sanitation collection routes
- Key areas that are not covered under the City's treatment plans are:
 - Residential side streets (excluding priority hills and access to hospitals and schools) as significant service level expansion and investment would be required to adequately resource.
 - Sidewalks adjacent to non-City owned property, as these are required to be cleared by property owners

Clarification re: pedestrian pathway clearing:

The bridge sidewalks and pedestrian pathways that the City is responsible for clearing (not including City facilities and those Park Board are responsible for) are:

- Major Bridges (Granville, Burrard, Cambie)
- Pedestrian Pathways:
 - Arbutus Greenway
 - Central Valley Greenway
 - Seawall from the south end of the Burrard Bridge around to the north end of Burrard Bridge
 - Coal Harbour

Map for reference: <https://vancouver.ca/files/cov/Seawall-Printable-Map3.pdf>

Key Messages: By Common Topic:

Topic	Key Message
Salt	<ul style="list-style-type: none"> • In 2017, we updated our salt contracts to secure expanded quotas of salt at a lower price, and updates to salt and brine storage capacity. • We have 3,000 metric tonnes of salt on hand, that is topped-up as salt is utilized. • Since 2017: <ul style="list-style-type: none"> ○ Brine storage tank capacity has increased from 11,000 to 100,000 gallons ○ Guaranteed salt inventory at local supplier increased from 2,700 to 10,000 tonnes
Equipment	<ul style="list-style-type: none"> • We are once again making updates to our equipment including: <ul style="list-style-type: none"> ○ 8 new tandem dump trucks with salter/plow have entered service this year to replace aging units ○ 2 stand on sidewalk units for major bridges

<p>Winter Tires</p>	<ul style="list-style-type: none"> • The City strongly recommends that drivers use appropriate winter tires. • This recommendation follows the BC Provincial Government’s requirement that tires display the three-peaked mountain and snowflake symbol OR the mud and snow (M+S) symbol, with at least 3.5mm tread depth. • Our partners at VPD will take into consideration the type and condition of a vehicle’s tires when they conduct motor vehicle accident investigations, and may ticket people for “driving without reasonable consideration for the road and weather conditions.” • The City has updated its own vehicle fleet to comply with these recommendations. M+S or winter rated tires have been installed on CoV passenger vehicles (<5000kg GVW), while commercial vehicles have been outfitted with snow chains (>5000kg GVW).
<p>Service Levels and Priority Routes (City doesn’t plow side streets)</p>	<ul style="list-style-type: none"> • Following the 2016/2017 winter season we expanded service levels to include treatment of key pedestrian pathways adjacent to bike routes, , arterial corner ramps, bus stops, and priority laneways required to assist in garbage collection • The City plows: arterials, bridges, viaducts, collector routes, emergency routes, school routes, priority bike lanes, bus stops, and arterial corner ramps. We prioritize pedestrian pathways adjacent to the 16 most-used bike routes. • We have a three-tier route schedule with mandated time frames for response at each tier • This response level is in line with the service level of similar municipalities, including Surrey, New West, Seattle and Portland. • It is the responsibility of businesses and residents to shovel the sidewalks outside of their property by 10am the morning following a snowfall. • The City does not plow side streets.
<p>Bike lanes</p>	<p>Our priority locations for snow and ice treatment are:</p> <ul style="list-style-type: none"> • Major roads • Bus routes • Emergency access routes (including five major hospitals and two health care facilities) • Bridges and viaducts (roads, sidewalks, and staircases) • School routes • Four key pedestrian pathways • 16 most-used bike routes • Arterial bus stops and corner ramps <p>• Each of the priority locations has unique attributes and in some cases are serviced by different equipment. While we generally prioritize the four key pedestrian pathways ahead of bike routes during a snow response, residents may notice that a bike route is occasionally cleared at the same time or ahead of or a pedestrian path. This can</p>

	<p>be due to timing of equipment, location access and efforts to clear designated routes in the most efficient way during weather event.</p>
<p>Ticketing Process</p>	<ul style="list-style-type: none"> • As standard practice, notifications are issued if a complaint is received, or during a sidewalk route inspection. • If it is identified that snow or ice has not been removed no later than 10 am each day, the City can issue a notification to clear snow and ice from full width of public sidewalks adjacent to private properties. These notifications are recorded and can be used in a charge against the property owner or occupant, and can be considered when assessing fines. • The City has established 255 kms of Winter Priority Sidewalks that provide a framework for prioritizing enforcement of the snow and ice clearing by-law. These were selected to provide equitable access to essential services maintained during a winter weather event. The following criteria establishes such a sidewalk: <ul style="list-style-type: none"> ○ All sidewalks within 100 m of a Hospital ○ Arterial Sidewalks within 400 m of a SkyTrain or Canada Line station ○ Arterial sidewalks within 200 m of a Rapid Bus stop ○ All sidewalks within 100 m of a Community Centre • In instances where the City decides to enforce the by-law through the imposition of fines, engineering inspectors will attend to properties throughout the City to document non-compliance. Greater fines are able to be imposed for properties that are in continued non-compliance following a winter weather event. • Historically, if property owner(s) has been found to have committed an offence in contravention of section 76 of the City's Street and Traffic By-law 2849, they can receive a court summons-requiring them to attend to court to deal with the charge. • Residents with mobility issues, such as seniors, are encouraged to seek snow clearance assistance from the City's Snow Angel program by contacting 3-1-1.
<p>Cost of Snow Removal</p>	<ul style="list-style-type: none"> • The 2022 budget for snow readiness is \$2.1M, average total spend is \$5.1M which includes readiness and response (unbudgeted) • In 2017, we increased the preparation budget from \$780k to approximately \$1.2 million per year to support increased service levels. • At that time we invested \$4.5 million to purchase equipment, upgrade the yards, and install traffic cameras. <ul style="list-style-type: none"> ○ 10 single axle (1-yard) trucks upgraded for snow response w/ salter /plow ○ 6 new brine sprayers to fit existing vehicles ○ 4 new Multipurpose Vehicles w/ salter/plow & brine sprayer/broom

	<ul style="list-style-type: none"> ○ Brine plant upgraded for increased production capacity and storage ○ Weather Response Centre upgrades ● Last year we continued to make improvements in our snow routing and making new investments in equipment, including: <ul style="list-style-type: none"> ○ 8 tandem dump trucks with salter/plow entered service this year to replace aging units ○ 2 walk behind brine units are being added to the fleet this year to support the treatments we do on pedestrian areas <p>\$1.8M spent on above 6 units and accompanying snow attachments</p> ● This year we are marking further improvements as follows: <ul style="list-style-type: none"> ○ 2 stand on side walk units were purchased for winter maintenance on major bridge ○ Loadrite software was installed on the loader that we use to load trucks with. This information will improve reporting on salt usage. ● Other cities benchmark info: <ul style="list-style-type: none"> ○ Toronto (2022) <ul style="list-style-type: none"> ○ Budget: \$90 million. ○ Budget for salt is \$11 million ○ Distance and number of streets to clear: 5,600 kilometres of roads, 6,400 kilometres of sidewalks and 9,500 streets ○ Fine for not clearing sidewalk: \$570 private property, \$135 public property ○ Calgary - snow-clearing budgets approx. \$51 million. City ticket (\$250, \$500, \$750 depending on property type) and will undertake and bill the property owner for sidewalks not cleared (\$150 minimum) ○ Ottawa – budget roughly \$70 million ○ Edmonton spends around \$60 million annually. \$100 fine plus clean up for not clearing your sidewalks, \$250 for pushing to roadway ○ Montreal – budget of \$187Mmillion for 2022
<p>Green Bin and Garbage Collection</p>	<ul style="list-style-type: none"> ● When snow and icy conditions occur, the City focuses its collection efforts as best we can on garbage, and delay green bin service. (FYI, garbage is collected every other week while green bin is collected every week.) ● Garbage collection will continue although delays are expected due to icy conditions in some areas. Crews will return to missed areas if it is safe to do so. Green bin collection has been suspended but we anticipate service to resume when conditions improve. The City is communicating service updates and disruption information to residents via the VanCollect App, our social media accounts and our website. We encourage residents to download the VanCollect app or visit

	<p>vancouver.ca/collectionschedule for garbage and green bin collection schedules, notifications, and up-to-date service alerts.</p> <ul style="list-style-type: none"> • The City apologizes to residents for this inconvenience and appreciate their ongoing patience as our crews do their best to maintain services and safely collect Vancouver’s waste during this time. • Note: An important consideration is that during winter months is that in fall and winter, green bin volumes are much lower due to less yard waste and trimmings, and colder temperatures help to reduce green bin odour. • https://vancouver.ca/home-property-development/garbage-and-recycling-collection-schedules.aspx • Curbside residential recycling collection in Vancouver is provided by GFL Environmental on behalf of Recycle BC. Information on service disruptions can be found here.
<p>Fallen branches after a storm</p>	<p>Your green bin is the perfect place for small branches less than 10cm x 50cm if the lid can still fully close. While we don’t collect large branches, the Vancouver Transfer Station on Kent Ave accepts branches up to 45cm X 2.6 m long. Drop off fees apply.</p> <p>Sanitation doesn’t collect large branches.</p> <p>Smaller branches (less than 10 cm in diameter and 50 cm long) can go in the green bin for regular collection, provided the lid on the bin can close completely.</p> <p>Branches up to 45 cm in diameter and 2.6 m long are accepted at the Vancouver Transfer Station on Kent Avenue. Drop off fees would apply.</p>
<p>Bridge sidewalk</p>	<p>This year (2022), the City also purchased two new machines that will assist with doing salt, brine, and plow treatments on the sidewalks on the Granville, Burrard, and Cambie Bridges. We are really pleased to have this equipment in the fleet as it will make it easier for our crews to do their work more quickly and effectively, as previously narrower sidewalk sections had to be treated by hand by crews.</p>

Key Messages - Fines:

- Early on in the season the City is focused on an education approach to snow removal on sidewalks rather than fining.
- We enforce on a complaint basis, if crews witness safety issues, arterial or priority sidewalk routes, or with repeat offenders
 - When we receive a complaint at a residential or commercial property, enforcement officers can follow up with property owners/occupants and hand

- out a courtesy notice to remove snow and ice from adjoining public sidewalks, as a reminder of the obligation. Fines may not be attached.
 - If there are repeated complaints for same property, we inspect and have the authority to enforce the by-law through the imposition of fines. Engineering inspectors will attend to properties throughout the City to document non-compliance, including collecting evidence of the offence. This evidence is sent to the City Prosecutor's office requesting to lay a charge against the property owner under section 76 of the Street and Traffic Bylaw.
 - In the last few years, we have issued more warnings as residents become more aware of the bylaw.
- Based on historical information from the last 5 winter seasons the City has cumulatively issued:
 - 4051 311 complaints
 - 5,128 notices to properties
 - 527 bylaw violation fines
 - Over the past three seasons we have prosecuted approximately 801 property owners.
- Street and Traffic Bylaw 2849 (sections 76&76A) sets out the requirement for all Vancouver property owners/occupants must clear snow and ice from the full width of the sidewalk adjacent to their properties, no later than 10 am the morning following a snow fall.
 - The change from 2009 is that the bylaw now applies to homes (prior to 2009 it was stratas and businesses only)
 - On March 31, 2021, City Council approved recommendations to increase the priority for pedestrians during winter weather including:
 - Establishment of Winter Priority Sidewalks designation
 - Improvements to section 76 of Traffic By-Law 2849, to support increased safety and compliance
 - Formalization of a Snow and Ice Treatment Policy, which communicates the expected level of snow and ice treatment the City will provide during winter weather conditions
 - Owners and occupants who fail to remove snow and ice according to Traffic By-law 2849, section 76 may be subject to escalating tickets, fines, or both.
 - Enforcement of the snow sections of Bylaw 2849 includes: Prosecution (submit case to City Prosecutor for approval of charge)- of all properties. The minimum fine is \$250 per charge, but fines can be greater depending on the details of the case against the property.

Jurisdictional snow removal responsibilities:

- The responsibility for snow clearing on Boundary Rd is share with the CityofBurnaby. The jurisdictional boundary for Boundary Rd is the centre median line and we are responsible for the west side of the road.
- UBC is responsible for snow clearing on the UBC and UEL road networks and the City is responsible for some of the key routes feeding into that network including SW Marine Dr east of Camosun St as well as 10th Ave and 16th Ave east of Blanca St. These feeder routes are priority locations for snow and ice treatment. Despite pre-treatment and snow clearing activities, 10th Avenue can be a particularly challenging route for buses as it is a steep hill. Map included below.

Here is the jurisdictional boundary info (for internal use):

Direction	Boundary Description	Maintenance Responsibility
North	Clark Dr overpass n/o Franklin St	Vancouver Port Authority
	Commissioner St overpass n/o McGill St	Vancouver Port Authority
	Heatley Ave overpass n/o Powell St	Vancouver Port Authority
	Hwy 1 off ramp at s/o Hastings St	Ministry of Transportation
	Hwy 1 on ramp at s/o Hastings St	Ministry of Transportation
	Hwy 1 off ramp at Bridgeway St	Ministry of Transportation
	Hwy 1 on ramp at Bridgeway St	Ministry of Transportation
	Hwy 1 off ramp at McGill St	Ministry of Transportation
	Hwy 1 on ramp at McGill St	Ministry of Transportation
	Main St overpass n/o Alexander St	Vancouver Port Authority
	Stanley Park Causeway at W Georgia St & Chilco St	Ministry of Transportation
	East	Boundary Road at centre line median
Hwy 1 off ramp at Boundary Rd		Ministry of Transportation
Hwy 1 off ramp at Rupert St		Ministry of Transportation
Hwy 1 off ramp at E 1 st Ave		Ministry of Transportation
Hwy 1 on ramp at E 1 st Ave (eastbound)		Ministry of Transportation
Hwy 1 on ramp at E 1 st Ave (westbound)		Ministry of Transportation
South	Arthur Laing Bridge west approach at Montcalm St	YVR Airport Authority
	Arthur Laing Bridge east approach at Oak St	YVR Airport Authority
	Knight St Bridge approach at south end 8000 Knight St	Ministry of Transportation
	Oak St Bridge approach at mid-blk 8700 Oak St	Ministry of Transportation
West	Chancellor Boulevard at Drummond Dr	Ministry of Transportation
	Imperial Rd at W 16 th Ave to W King Edward Ave	Ministry of Transportation
	Imperial Rd at s/o W 16 th Ave	Ministry of Transportation
	NW Marine Drive at Spanish Banks West	Ministry of Transportation
	SW Marine Drive at w/o Camosun St	Ministry of Transportation
	University Boulevard at w/o Blanca St	Ministry of Transportation
	W 16 th Ave at w/o Blanca St	Ministry of Transportation

Communications Contacts: Godfrey Tait, Krystyna Domes, Elayne Sun
Spokesperson: Amy Sidwell, Eric Mital

Program Area Contact: Amy Sidwell
File Updated:
File Location: H:\ccg1\ENGINEERING\Engineering - 00 - Weather\01 - Snow and Ice Plan\02 - FAQ and Key Messages