

OVERVIEW OF CITY OF NANAIMO SNOW REMOVAL

MONDAY, DECEMBER 2, 2019



SNOW + ICE CONTROL



Public Works:
18 pieces of equipment



Parks, Facilities, Trails:
Pickups, tractors, salt
spreaders, shovels



Contractors look after 100 KM
of City streets and facilities



24 HR snowfall period costs
between 50,000 to \$70,000



February 2019 snow event
was 3 weeks long



Annual Budget:
\$850,000

LEVEL OF SERVICE

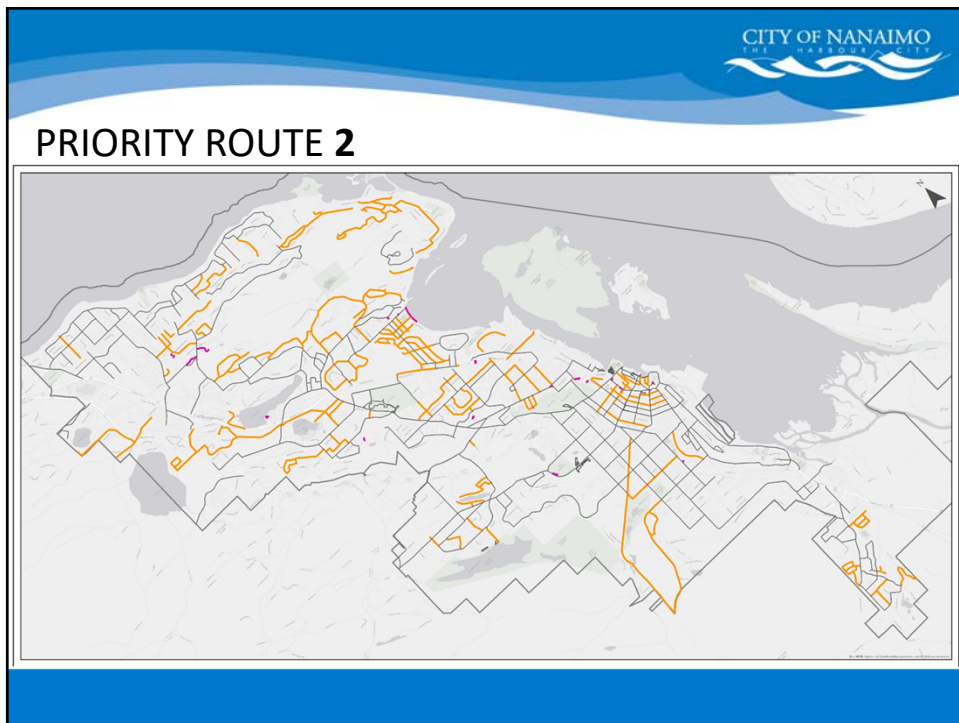
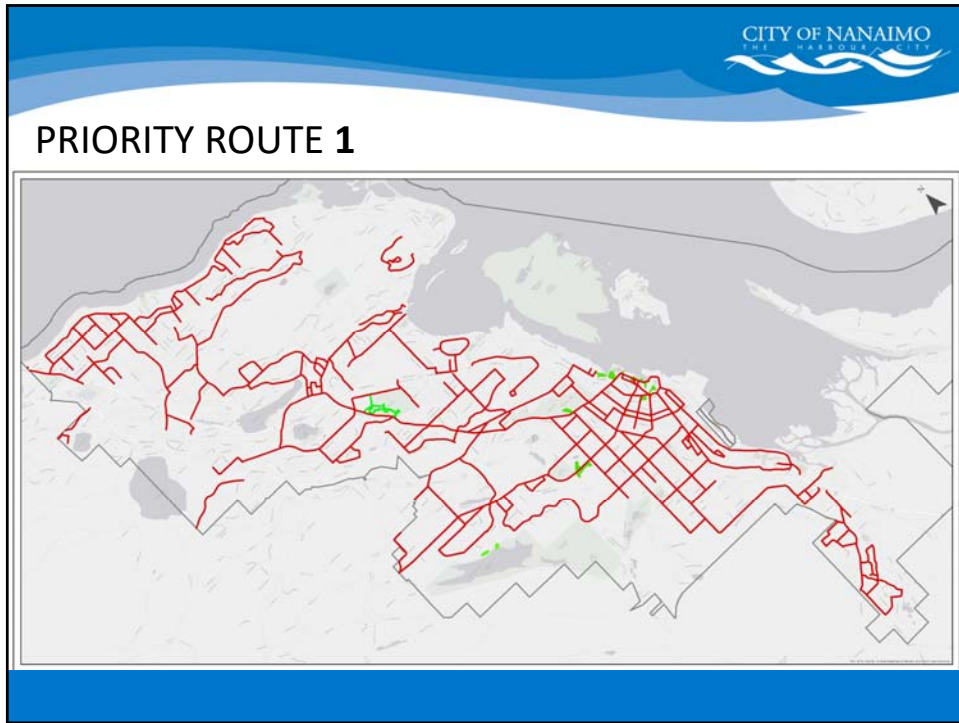
- Specialty weather forecast: twice per day
Nov 1 – Mar 31
- Early shift road patrol, night patrol and call out procedures
- Pre-wet with brine when conditions warrant pre-storm and frost
- Begin clearing Priority 1 routes when snow depth is > 2 cm
- Target Priority 1 cleared, Priority 2 in progress within 24 hours of snow stopping
- Priority 3 and 4 may take 96 hours to complete after the snow stops
- New or subsequent snowfall 'resets' the clock



LEVEL OF SERVICE

- Provide winter driving/walking conditions (i.e. not bare pavement)
- First priorities:
 - Emergency, transit and first responder priorities
 - Major roads, near schools
 - City facilities, downtown core and high-use pedestrian areas
- Use contractors to support City's efforts (e.g. 100 km major roads, around recreational facilities)
- Residents and businesses expected to keep sidewalks clear (Bylaw 5000)
- Provincial highways maintained by MOTI (MainRoad)





CITY OF NANAIMO
THE HARBOUR CITY

COMMUNICATIONS

Examples of some key messages:

- Major roads, including emergency and bus routes will be ploughed first.
- Whether you are a resident, tenant or business owner, you can play a key role in helping make our sidewalks accessible, by clearing the snow and ice, within 24 hours of the snow event as per City Bylaw 5000, Section 22 (1).
- If using the parks and trails systems, please be aware of the conditions that come with the cold weather and use caution.

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COMMUNICATIONS

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WHAT'S NEW FOR 2019/2020?

- State of budget: 2019 is fully expended at \$920,000.
- 2020 budget: \$850,000.
- Operations coordinated from central location
- Adjusting priorities in response to needs (e.g. Transit)
- Optimizing equipment between departments
- Proactive public communications
- Liaison with Nanaimo Ladysmith Public Schools
- Replaced end-of-life equipment

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CONSIDERATIONS

- Lack of snow storage
- Changing climate
- Narrow streets, parked cars
- [Snow Plow Ride-Along](#)