



Operational Storage at 90 Washington

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DPW Commissioner

November 16, 2022

Agenda



01. Temporary Operational Storage

What are we requesting to do at 90 Washington this year?

02. Snow Storage 101

Why is it so important to store snow at 90 Washington?

03. We heard your feedback.

You had concerns about past activity at 90 Washington.

04. Our Commitment

What will we do to make it better?

05. 2023 and Beyond

What is the City's long-term plan for snow storage?

Planned Temporary Operational Use of 90 Washington

Storage and Use for City Services

- Plaza and Passive Park
- Storage of Planters and Farming Materials for Community Groups
- Storage of Emergency Sign

Construction and DPW Storage

- Communication Boards
- Disabled Vehicles for Surplus
- Limited amount of construction materials

Snow Storage

- Seasonal, if needed.

Pop-Up
Plaza

Fencing &
Jersey
Barrier

Temp. Storage

Snow Storage

Fenceline w/
Artwork

Fencing &
Curbline

Existing
Lawn

THIS PLAN IS TO SHOW THE EXISTING CONDITIONS OF THE LOCUS PARCEL FOR
SES. THIS PLAN IS THE RESULT OF AN ON-THE-GROUND INSTRUMENT SURVEY
DATE 4/2021, BY DESIGN CONSULTANTS, INC. (DCI).
DESIGN AND EASEMENTS FOR THE SUBJECT PROPERTY ARE PER DEED AND PLAN
DESIGN CONSULTANTS, INC. THIS PLAN WAS PREPARED WITHOUT A FULL TITLE
UNRECORDED EASEMENTS AND/OR ADVERSE CLAIMS BY OTHERS ARE NOT SHOWN.
UNDERGROUND UTILITIES FEATURES SHOWN ARE THE RESULT OF SURFACE
LOCATED BY FIELD SURVEY. PLANS OF RECORD INFORMATION FURNISHED BY THE
UTILITY COMPANIES, AND OTHER AVAILABLE SOURCES. OVERHEAD WIRES DEPICTED
SHOWN FOR GENERAL LOCATION PURPOSES ONLY. ACTUAL WIDTH, TYPE, NUMBER
SHOULD BE FIELD VERIFIED PRIOR TO ANY SITE DESIGN WORK. THIS PLAN DOES NOT
SHOW THE EXACT LOCATION OF ALL UTILITIES WHICH MAY EXIST AT THIS TIME
SURVEYED. CALL BEFORE EXCAVATION.

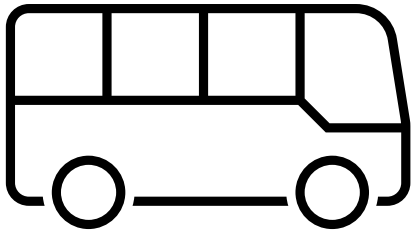
Why Store Snow?

Snow storage...

- Is a critical component of snow removal.
- Supports mobility, sustainable public transit.
- Increases access to City services, including schools and public safety.

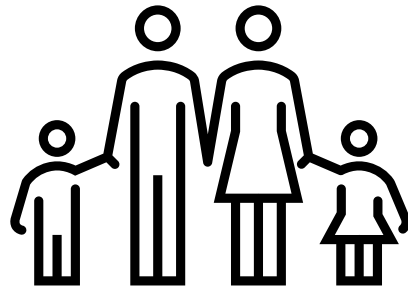


Who is snow removal for?



You!

Residents, Commuters, Transit users rely on snow removal to get around.



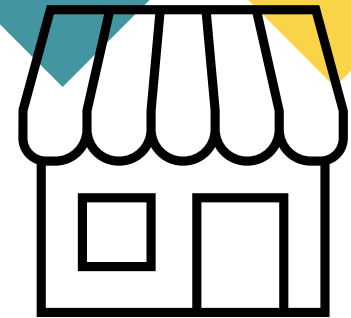
Families

Families depend on snow clearing for safe drop off at Schools.



Workers

Teachers and other City workers depend on snow removal for parking.



Businesses

Snow removal activates our commercial centers for arts and entertainment.

When do you do snow removal?

6" or more:

- Removal may be conducted as determined by Commissioner to open school.

12" or more:

- Removal expanded to include bus stops, school grounds, and city buildings.

24" or more

- May be expanded to include main and side streets due to mobility and public safety considerations.

Why Store Snow at 90 Washington?

- The site is currently vacant and unused.
- After a analysis of land across the City, this is currently the only vacant site.
- Off-site snow storage is expensive, inefficient and less sustainable.



Snow Disposal Options

	Relative Cost	Operational Efficiency	Environmental Impact	Residential Impact
Local, City-controlled Storage (e.g. 90 Washington)	Relatively inexpensive (Only Cost is Moving Snow)	Quick and Efficient (Short, local trips to storage site)	Shorter Hauling and Solar Melting: Least Fossil Fuels	<ul style="list-style-type: none"> • Frustrating for Residents Near Site • Faster Clearing
Offsite Storage (Rental Agreement)	More Expensive (Increased Snow Moving, Storage Costs)	Slow and Inefficient (Potentially longer trips, slowing down clearing ops)	Longer Hauling and Solar Melting: More Fossil Fuel	<ul style="list-style-type: none"> • Storage out of site and out of mind • Slower Clearing
Diesel Powered Melters	Most Expensive (Melter Procurement, Moving Snow Cost, Diesel Cost)	Quick and Efficient (Short, local trips to storage site)	Shorter Hauling AND Diesel Melting: Most Fossil Fuel	<ul style="list-style-type: none"> • Minimizes long-term local storage • Faster Clearing • Melter Noise, Fumes

90 Washington is the best snow storage option in Somerville...for now.



It creates no additional cost to the City.

All other options increase cost for storage and fuel.

It is the most efficient option.

Using local storage expedites snow storage by limiting duration of trips, gets trucks out of City faster.

It is the most sustainable option.

Melters and offsite storage will increase fossil fuel usage.

You had concerns about the use of 90 Washington.

Storage Operations were frustrating last year.

- Snow pile was unsightly.
- Snow was pushed onto the sidewalk.
- Trucks were noisy.

Concerns about the current plan

- How long will you be there?
- Where does the drain go?
- Will the site be secure?
- Who can we contact if we have concerns about the site?

Our Commitment to the neighbors of 90 Washington and the SRA:

Decrease Impact

- Decrease Salting.
- Limit overnight snow operations at 90 Washington whenever possible.
- Pursue other snow storage sites within the City to lessen the impact on 90 Washington.
- Break up snow regularly to speed melting.

Increase Constituent Service

- Provide contact information for any issues with the site.
- Maintenance of site including:
 - Weekly sweeping of sidewalks adjacent to property.
 - Regular litter and trash removal in new park areas.
 - Snow clearing on and adjacent to property.

Find Alternate Sites

- Identify alternate sites in the City and beyond.

Existing Condition

Temporary Fencing

- Not anchored to the ground
- Held in place with sandbags
- No screening
- Easily moved



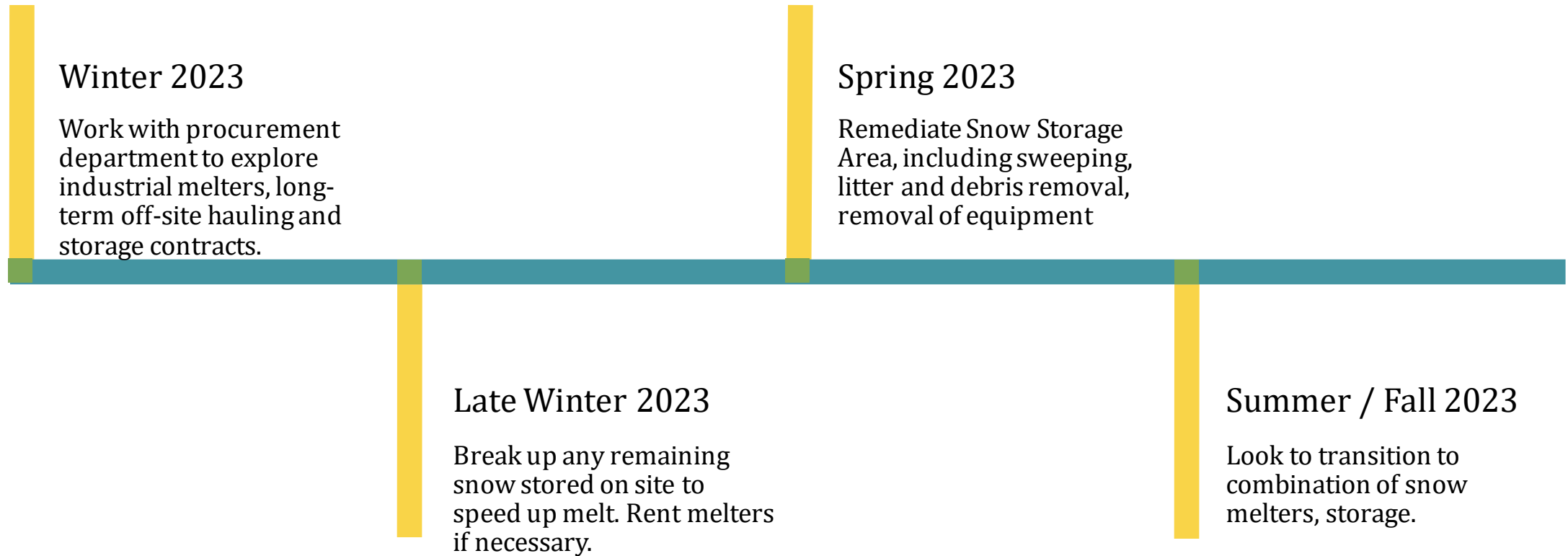
Proposed Condition

Permanent Fencing

- In footings
- Screened with artwork
- Not movable



Snow Storage: 2023 and Beyond





Thank you

We appreciate your consideration for our temporary use
of 90 Washington

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