

# MBTA Winter Preparedness 2024-2025

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# Winter Preparedness Guiding Principles



## **Ensure a solid baseline informed and refined by experience**

- ✓ All tools and equipment thoroughly tested and prepared
- ✓ Snow & Ice plan completed by every department
- ✓ Test scenarios



## **Be prepared to be flexible and adaptable to enable the most efficient and appropriate response to any scenario**

- ✓ Understand the tools available and how to utilize them optimally
- ✓ Evaluate what the situation calls for (not "one size fits all")



## **Prioritize situational awareness during winter events to enable timely response and communication flow to both internal and external stakeholders**

- ✓ Be alert and plugged into your own area
- ✓ Communicate what you are seeing

# Rail Vehicle Preparations

	Winterization Program	Special Pantograph Carbons	Supplemental Systems Preparations	Snow-Fighting Capabilities	Traction Motor Type
<b>Blue</b>	✓ Complete	Available for select cars	✓ Complete	Built-in plows	AC
<b>Red</b>	In progress	N/A	✓ Complete	40 under-vehicle plows	Type 1 & 2 - DC Type 3 & 4 - AC
<b>Orange</b>	✓ Complete	N/A	✓ Complete	Built-in snow wipers	AC
<b>Green</b>	In progress	Available for select cars	✓ Complete	N/A	Type 7 - DC Type 8 & 9 - AC PCC Cars - DC

# Bus and Commuter Rail Preparations



## Bus

- Winterization program focuses on pneumatic, cooling, and HVAC systems and auxiliary heaters



## Commuter Rail

- Two snowplows and flanger are ready to be deployed
- Checking HVAC/heating and locomotive layover systems, preparing to switch from summer- to winter-blend diesel fuel

# Transit Infrastructure and Non-Revenue Vehicles

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## System Switch Heaters

- Testing underway for switch heaters both in yards and in the system

## Non-Revenue Vehicle (NRV) Winterization Inspection Program

- Applies to on-road and off-road snow equipment as well as specialized equipment used during cold temperatures
- Equipment undergoes full-service oil/grease applications, inspection, repairs/replacements as necessary, and road testing



# Snow Clearing and De-Icing

- **MBTA stages** salt boxes and equipment throughout the system for snow clearing and de-icing
- Snow removal on **heavy and light rail tracks** is completed by MBTA Maintenance of Way (MOW)
- **Snow removal at MBTA facilities and bus-stops** primarily is performed by contractors
- MBTA coordinates with **municipal partners** to review snow-clearing responsibilities





# Public Information Strategy



**Winter ads** on highway billboards and in stations started running in November and:

- Encourage commuters to sign up for T-alerts
- Direct commuters to dedicated webpage for service information during storm conditions







Thank You

