

**DISTRICT
SNOW
TEAM**



**Snow Team Council of Governments Meeting
Tuesday, November 1, 2022
12:00pm – 2:00pm**

FY23

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Incident Command Structure (ICS)



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DISTRICT SNOW TEAM

DPW leads the District Snow Team with support from the **District Department of Transportation (DDOT)** for clearing our streets of snow and ice. We also receive support from multiple District government agencies, including the:

- **Department of General Services (DGS)**, which clears snow/ice from around municipal buildings;
- **Homeland Security and Emergency Management Agency (HSEMA)**, which provides coordinative activities for DC government agencies responding to winter storms,
- **Serve DC**, which coordinates volunteer snow shoveling services to homeowners who are seniors and/or living with a disability;
- **DC Water** and the **Office of the State Superintendent of Education**, which also provide plow drivers to support the Snow Team.

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Snow Operations Key Performance Indicators

Storm Type	Accumulation	Major Roadways		Residential Streets	
		SLA (Time from storm end)	Completion Percentage (Passable Streets)	SLA	Completion Percentage (Passable Streets)
Freezing Rain	Coating	12 Hours	85%	12 Hours	85%
Snow	0-2 inches	4 Hours	85%	8 Hours	85%
	2-4 inches	6 Hours	85%	12 Hours	85%
	4-8 inches	12 Hours	85%	24 Hours	85%
	8-12 inches	18 Hours	85%	36 Hours	85%
	12-18 inches	36 Hours	75%	48 Hours	75%
	Over 18 inches	36 Hours	75%	60 Hours	75%

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Snow Coordination

Snow 2022-23

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Snow Mobilization Week

Snow Week 24 -28

BATTLE RYTHM DRY RUN

Monday, October 24

- Conference Call NWS
- Notification Process
- Email from NWS Graphic to include Graphic by 2 PM

Tuesday, October 25

- Conference Call NWS
- Snow Team – 9:00 AM
- Determine to do Brine Operation
- Reach out to coordinating agencies

Wednesday, October 26

- Brine Operation Next 24 Hours OPNS
- Final Determination for full activation
- NWS (AM) 9:00 AM
- CMT call determination
- NWs SNOWTEAM 2:00 PM

Thursday, October 27

- Conference Call
- Brine OPNS Complete
- Operations Plan brief out
- Decision to do a District Snow Emergency
- Snow Call CMT 2:00 PM

Friday, October 28

- Proposed Conference Call Times
- 0600
 - 0700
 - 0900
 - 1100
 - 1300
 - 1500
 - NMS 9:00 AM Call

Goals

- Exercise the snow team capabilities from Planning, Execution to Demobilization
- Develop decision point for CMT calls

DAYS MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY

Weather Goal

- 6 to 8" by Friday with expectation of below freezing temperature with an additional 2+ inches on Saturday morning.

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Operations

Snow 2022-23

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Snow Statistics 2022-2023: Mobilization

Legend
Heavy Plow- HP
Light Plow- LP

Prowl

HP 30-35
LP 0

Routes Serviced:
NHS, Bridges,
Service Roads

Partial

HP 43
LP30

Routes Serviced:
DPW: All HP and
2-3 LP routes as
the forecast
dictates

Full

HP 93
LP 76

Routes Serviced:
ALL Routes

**Full
Augmented**

HP 93+TBD
LP 76+TBD

Routes Serviced:
All Routes & based on
weather conditions,
some routes have
multiple trucks on HP
routes.

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Snow Statistics 2022-2023: DC Vehicles



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Snow Fleet Readiness Report

As of: 10/20/2022

DPW Summary

DPW Vehicle Type w/ Fleet Size	Total Fleet Size	Serviced	Remaining	Need	% Available for Full Deployment
DPW: Municipal Heavy Truck (6Wh & 10Wh)	97	97	0	57	170%
DPW: Light Plow Pick-Up	15	15	0	46	33%
DPW: Heavy Front-End Loaders	7	7	0	2	350%
DPW: Backhoe / Bobcat Light Loader	6	6	0	2	300%

DDOT Summary

Vehicle Type w/ Fleet Size	Total Fleet Size	Serviced	Remaining	Need	% Available for Full Deployment
DDOT: Municipal Heavy Truck (6Wh & 10Wh)	53	50	3	36	139%
DDOT: Light Plow Pick-Up	32	24	8	30	80%
DDOT: Heavy Front-End Loaders	6	3	3	4	75%
DDOT: Backhoe / Bobcat Light Loader	5	2	3	2	100%

Anti-Icing Program Summary

Anti-Icing Program Vehicle Type w/ Fleet Size	Total Fleet Size	Serviced	Remaining	Need	% Available for Full Alert
DPW: Liquid Dispensing Truck	5	5	0	9	56%
DDOT: Liquid Dispensing Truck	2	1	1	6	17%
NHS: Liquid Dispensing Truck / Under Contract	5	5	0	5	100%

Total
Fleet
233

NON-MOTORIZED TRAILS SECTION



Equipment

- Ventrac SSD Sidewalk
- Ventrac 3400
- Xmark Broom



Bridge/Sidewalks

- DPW 79
- DDOT 79
- NPS 25



Bike Lane

- 27 miles (protected)
- 78 miles (unprotected)

As of October 2022

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DC Lane Mile Totals

Total Travel Lane Miles 3928

Total Ramp Lane Miles 18

Total Service Road Lane Miles 62

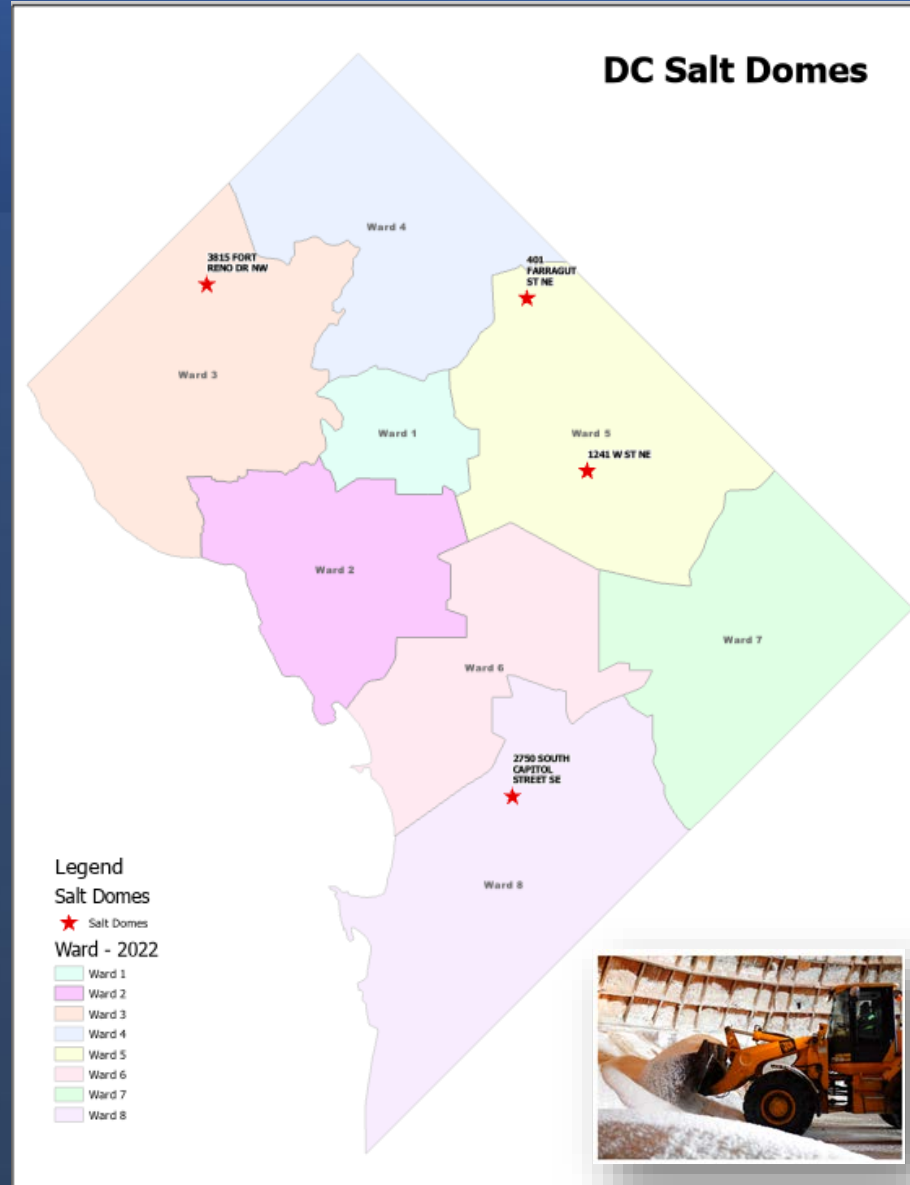
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SALT DOMES



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Location	Salt Dome Capacity (in tons)
2750 South Capitol St SE	7500
3890 Fort Reno Drive NW	4500
414 Farragut St NE	18,000
Brentwood & W Street NE	12,000
Total	42,000

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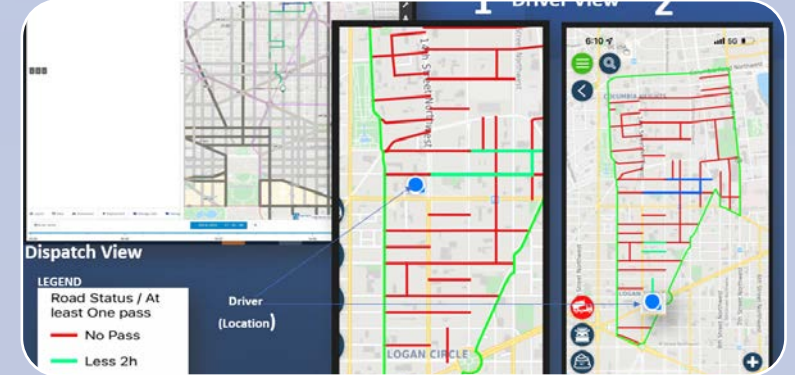
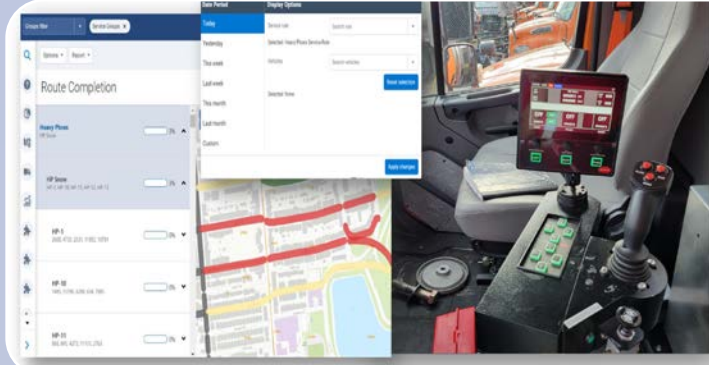
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IT

Snow 2022-23

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DC Snow Team Technology



Geotab: Municipal Vehicles

Route Completion

Smart Spreaders (Muncie)

EV Streets: Contract Plow Vehicles

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DC Executive Snow Team Information Center



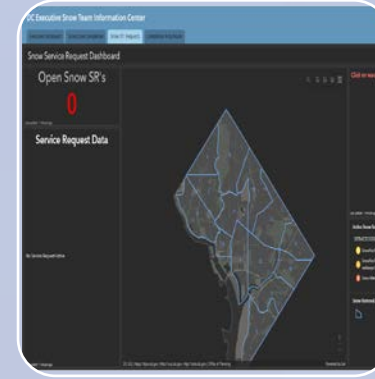
Executive Dashboard

- Data from Stormtrak and Geotab



Snow Zone Completion

- Data from Geotab



Snow 311 Requests

- Data from OUC 311



Completion % by Route

- Data from EV Streets and Geotab

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DC BIDS

Snow 2022-23



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BIDS

Business Improvement Districts will:

- Pre-treat handicapped ramps, bus stops, curbs and fire hydrants before snow falls
- Clear snow from sidewalks, bus stops and hydrants
- Check storefront and public space, especially of abandoned businesses

The District Snow Team:

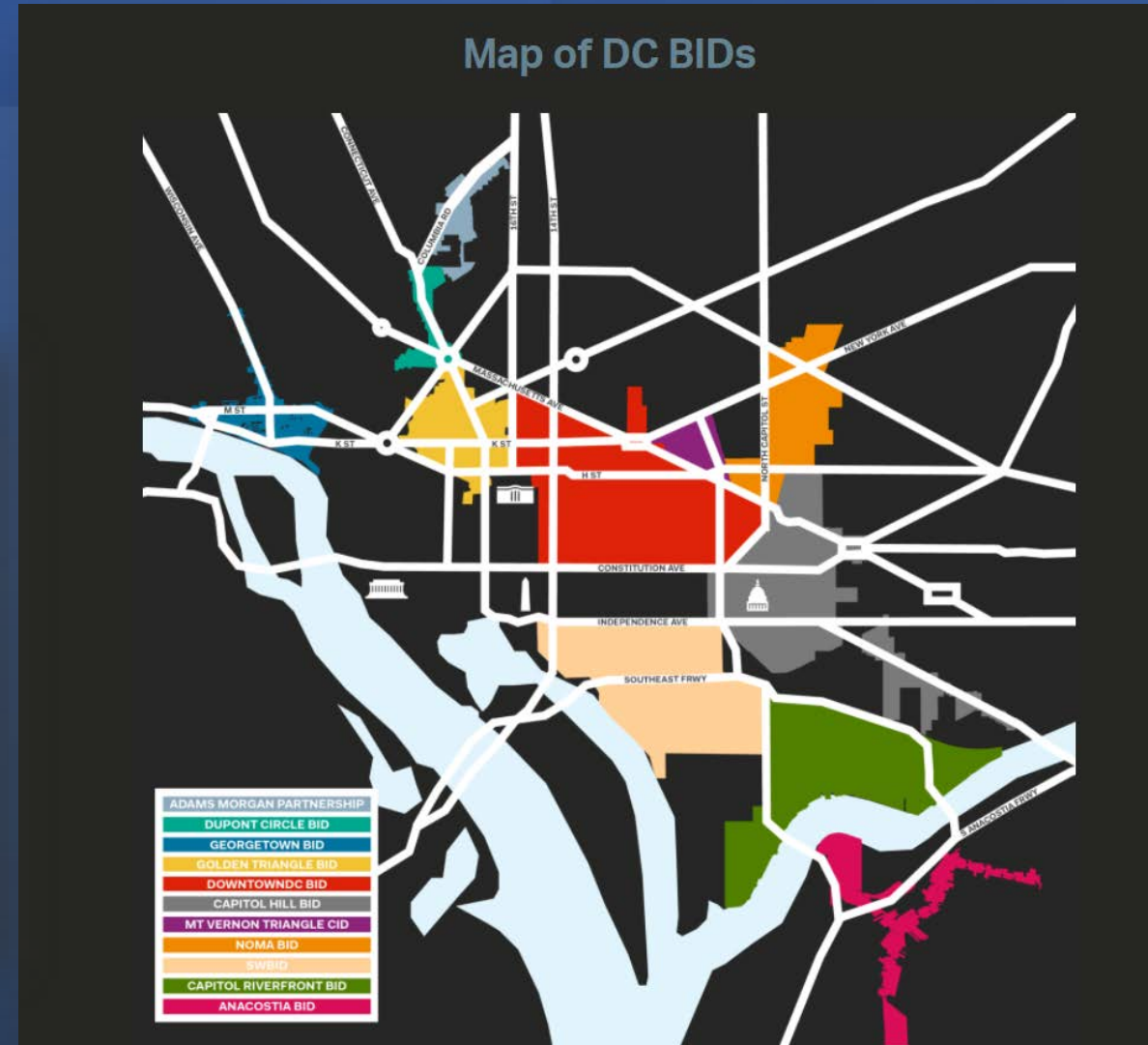
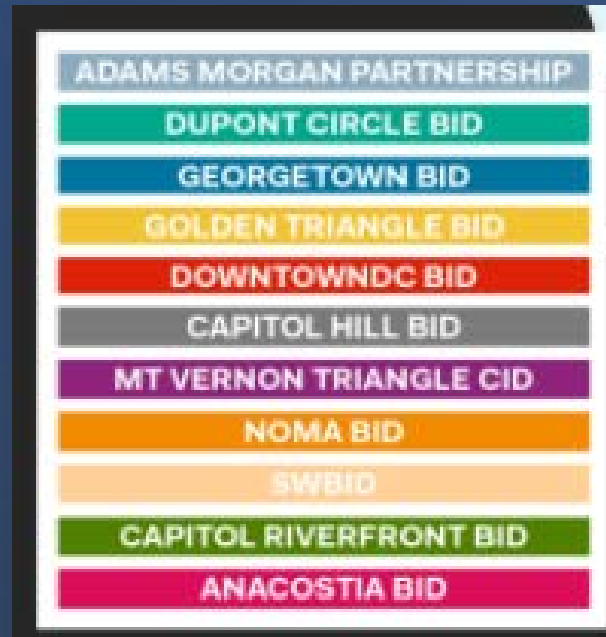
- Clears streets within the BID areas

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BIDs Map



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Streateries

Snow 2022-23

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STREATERIES

The District Snow Team is working with the Mayor's Office of Nightlife & Culture and the DC BID Council to ensure streets where Streateries are located are cleared of snow and ice.



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THE DISTRICT SNOW TEAM IS READY!

Contact information:
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