



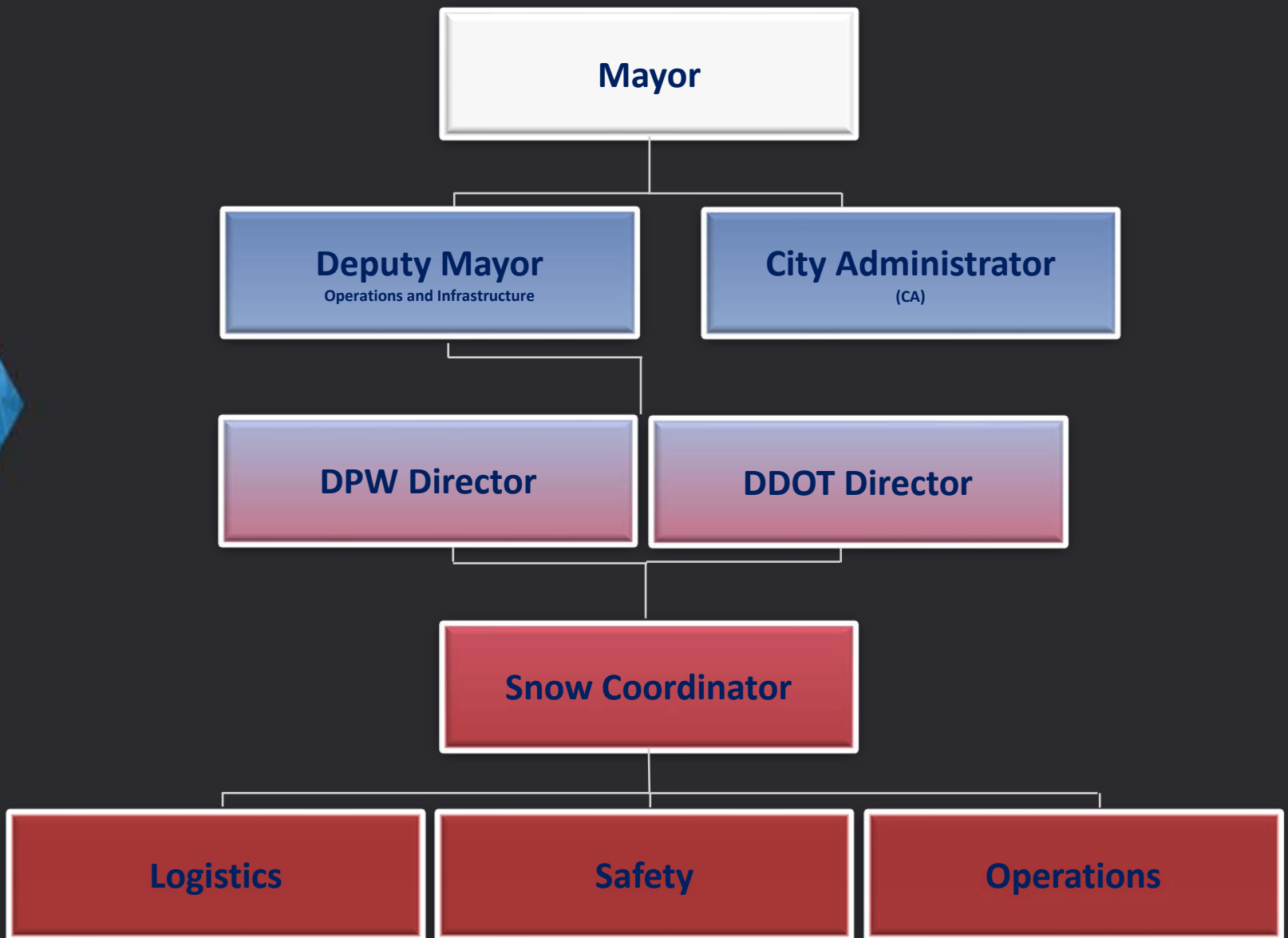
**DISTRICT  
SNOW  
TEAM**

**Snow Team Council of Governments  
Meeting  
Tuesday, October 31, 2023  
12:00pm – 2:00pm**



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# Incident Command Structure (ICS)





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**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



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# Snow Mobilization Week

## Snow Week 23-24

### BATTLE RYTHM DRY RUN

#### Monday, October 23rd

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

#### Tuesday, October 24th

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

#### Wednesday, October 25th

- 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 26th

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

#### Friday, October 27th

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

#### Goal

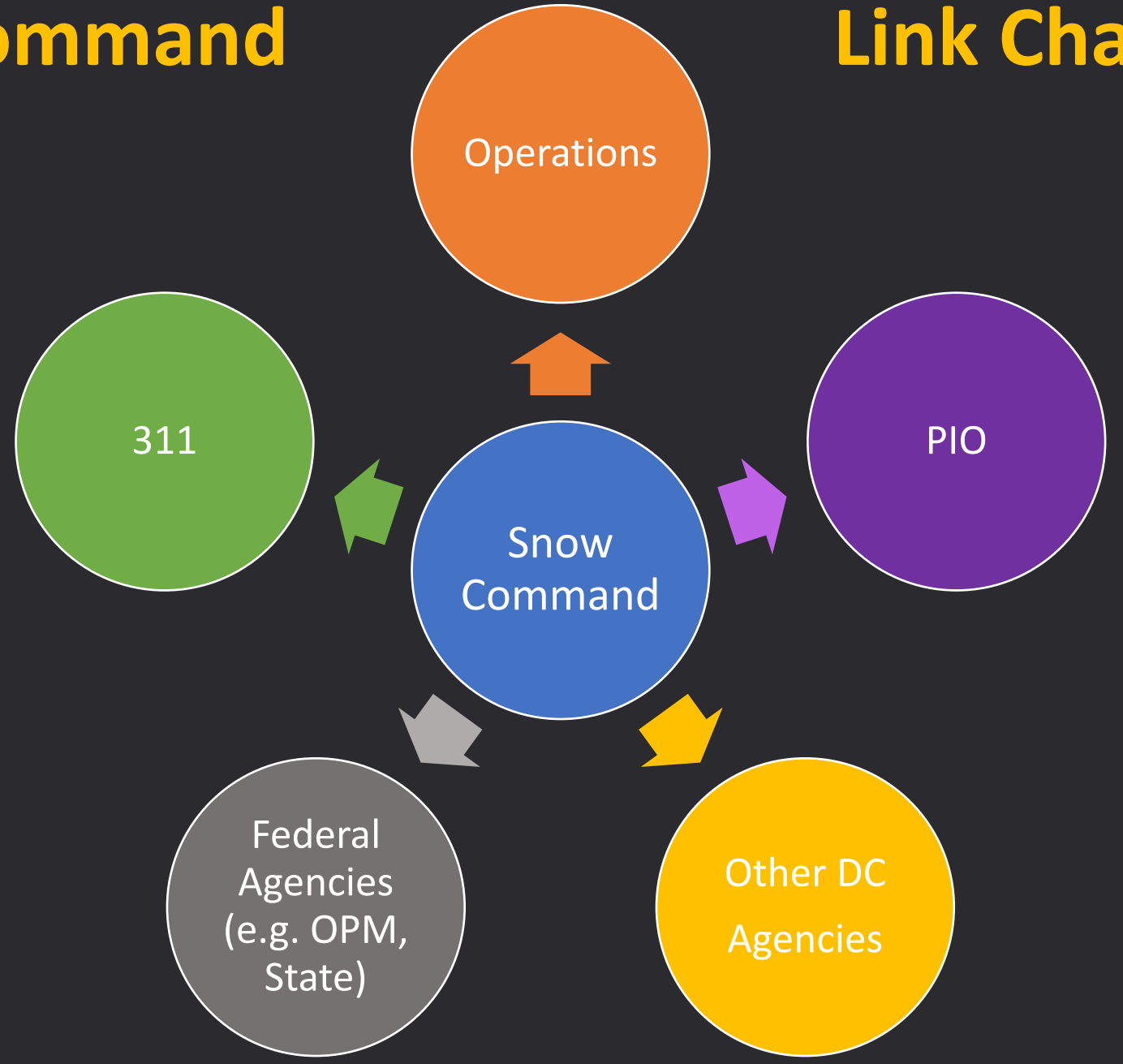
- Exercise the snow team capabilities from Planning, Execution to Demobilization
- Develop decision point for CMT Calls.

DAYS      MONDAY                                      TUESDAY                                      WEDNESDAY                                      THURSDAY                                      FRIDAY

**Weather Goal**  
6-8" by Friday with expectation of below freezing temp with an additional 2+ inches predicted for Saturday morning

# Snow Command

# Link Chart



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# Operations





# Snow Statistics: 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: DC Vehicles

**Snow Fleet Readiness Report**

As of: 10/17/2023

DPW Summary					
DPW Vehicle Type w/ Fleet Size	Total Fleet Size	Service d	Remainin g	Need	% Available for Full Deployment
DPW: Municipal Heavy Truck (6Wh & 10Wh)	97	78	19	57	137%
DPW: Light Plow Pick-Up	15	14	1	46	30%
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	Service d	Remainin g	Need	% Available for Full Deployment
DDOT: Municipal Heavy Truck (6Wh & 10Wh)	53	50	3	36	139%
DDOT: Light Plow Pick-Up	26	19	7	30	63%
DDOT: Heavy Front-End Loaders	6	0	6	4	0%
DDOT: Backhoe / Bobcat Light Loader	5	0	5	2	0%

Anti-Icing Program Summary					
Anti-Icing Program Vehicle Type w/ Fleet Size	Total Fleet Size	Service d	Remainin g	Need	% Available for Full Alert
DPW: Liquid Dispensing Truck	5	4	1	9	44%
DDOT: Liquid Dispensing Truck	2	1	1	6	17%
NHS: Liquid Dispensing Truck / Under Contract	5	0	5	5	0%

**Total  
Fleet  
227**

# NON-MOTORIZED TRAILS SECTION



## Equipment

- Ventrac SSD Sidewalk
- Ventrac 3400
- Xmark Broom



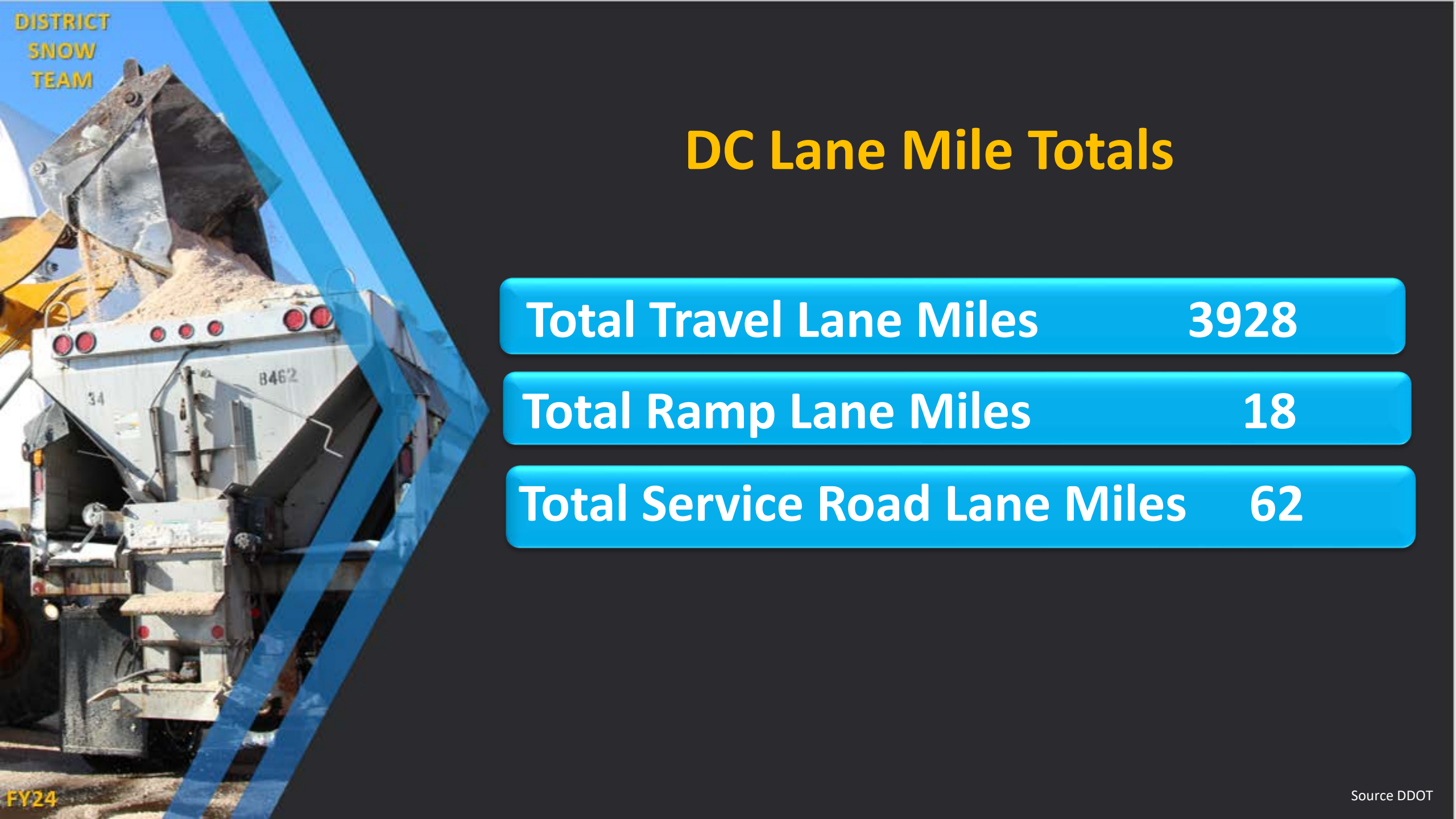
## Bridge/Sidewalks

- DPW 79
- DDOT 79
- NPS 25



## Bike Lanes

- 33 miles (protected)
- 76 miles (unprotected)

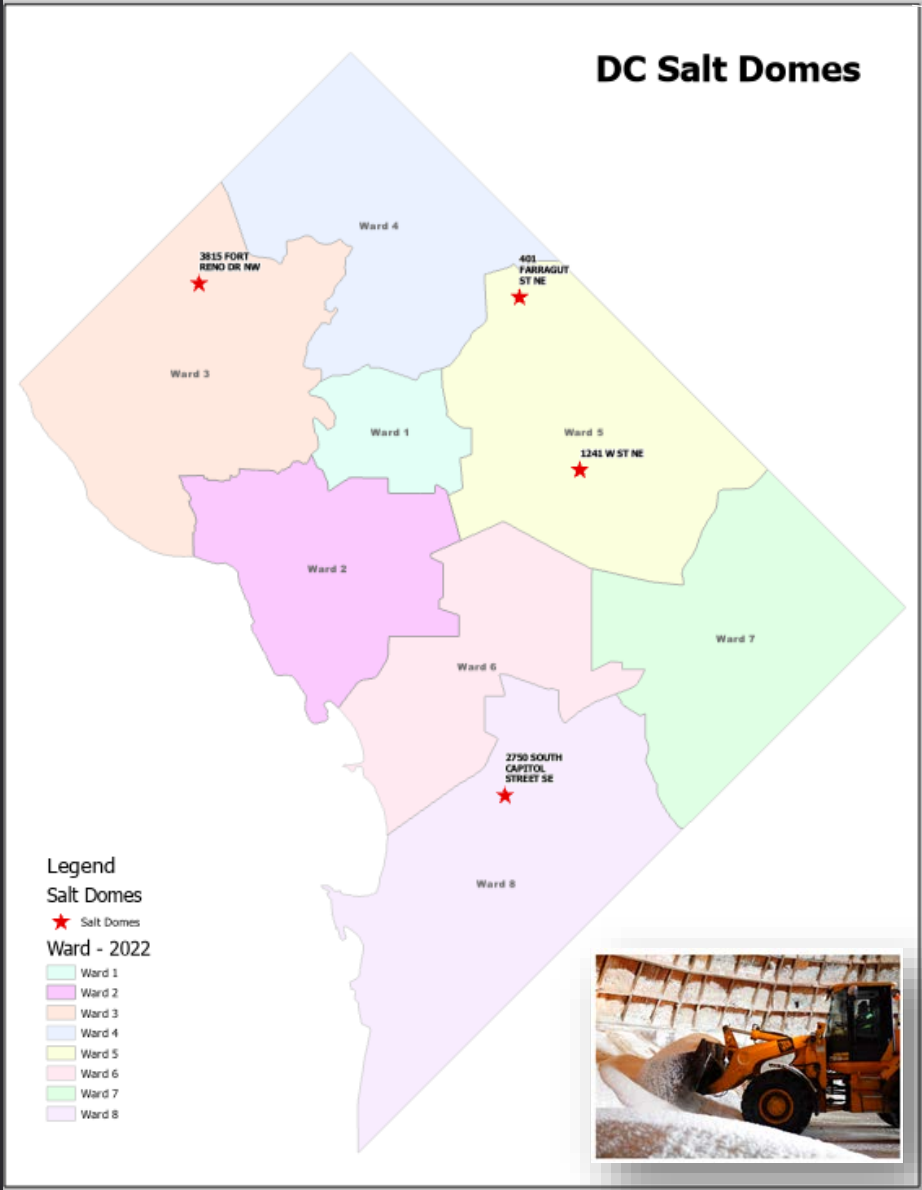


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# DC Lane Mile Totals

Total Travel Lane Miles	3928
Total Ramp Lane Miles	18
Total Service Road Lane Miles	62

# SALT DOMES



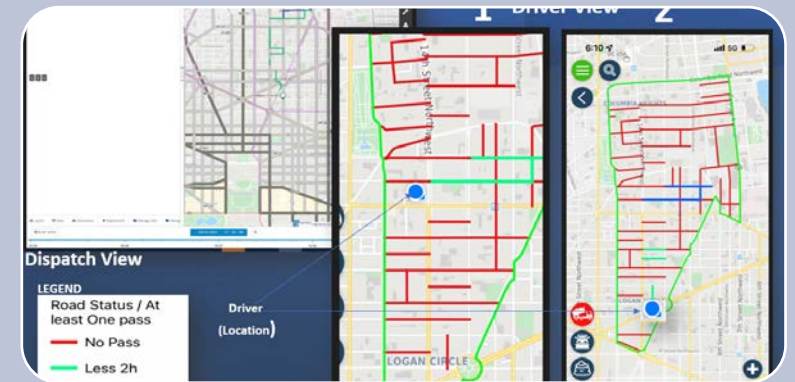
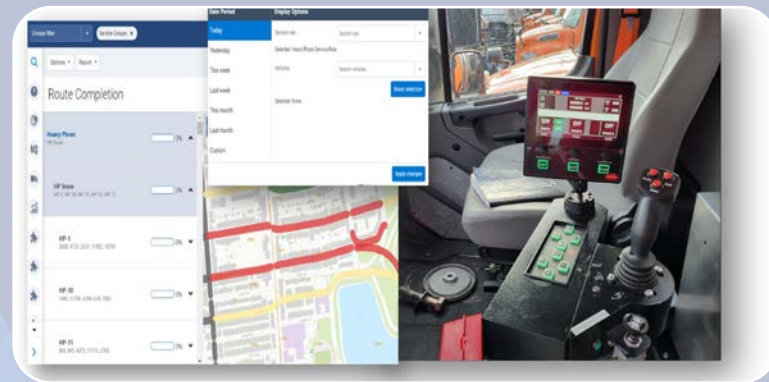
Location	Salt Dome Capacity (in tons)
2750 South Capitol St SE	7500
3890 Fort Reno Drive NW	4500
414 Farragut St NE	18,000
Brentwood & W Street NE	12,000
<b>Total</b>	<b>42,000</b>



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# Information Technology

# 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

FY24



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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

ADAMS MORGAN PARTNERSHIP
DUPONT CIRCLE BID
GEORGETOWN BID
GOLDEN TRIANGLE BID
DOWNTOWNDC BID
CAPITOL HILL BID
MT VERNON TRIANGLE CID
NOMA BID
SWBID
CAPITOL RIVERFRONT BID
ANACOSTIA BID





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# Streateries

# 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:  
[warnique.west@dc.gov](mailto:warnique.west@dc.gov)