The City of New York
Department of Sanitation

2022-2023 Final Snow Plan for the Borough of Manhattan

Pursuant to Local Law 28 of 2011

Jessica Tisch, Commissioner
November 2022
The Department of Sanitation (DSNY) Borough Snow Plan describes measures DSNY will take to fight winter weather, clear streets for safe transportation, and address issues of public safety related to snow and ice conditions. This document is published pursuant to the requirements set forth under Local Law 28 of 2011.

I. INTRODUCTION

The Department of Sanitation keeps New York City clean, healthy, and safe by collecting, recycling, and disposing of waste, cleaning streets and vacant lots, and clearing ice and snow. A critical component of this mission is to clear snow and ice from New York City’s more than 19,000 lane-miles of roadways in a prompt, reliable, and equitable manner.

Winter conditions on the City's roadways introduce potential hazards to all forms of travel. Snow, ice, and other winter weather can impede first responders, temporarily close businesses and schools, and restrict the mobility of all New Yorkers. Snowfall can be expected to lead to the disruption of normal traffic patterns and public transportation. In prolonged or severe snowfall, disruption can last for extended periods of time.

While DSNY makes every reasonable effort to clear snow and ice from the City's highways and streets as quickly and effectively as possible, it can be a lengthy process, particularly when persistent or heavy snowfall occurs combined with falling temperatures and high winds. This Snow Plan concentrates on the planning, organization and response to winter weather conditions, the execution of operational tasks to perform salt spreading on roadways, and the plowing, piling, hauling, and melting of significant snow accumulations from the City's roadways.

II. PLANNING

DSNY's preparation and planning process for winter weather is continuous and ongoing. In the spring and summer, DSNY staff review the approximately 1,500 snow-plowing routes (“Snow Routes”) throughout the city and adjust them as necessary based on the prior year’s experiences and changes in the physical cityscape (i.e., construction of a new school or hospital). DSNY also performs preventative maintenance on all snow-related equipment and upgrades equipment as necessary.

At the end of each winter season, DSNY’s Operations Division performs a review and assessment of its response to all winter storms during the previous season. Operational changes and adjustments, such as improving equipment training and improving communications between snow removal equipment and supervisory personnel, are made as needed. For example, following the January 2016 “Jonas” Blizzard, DSNY prepared an After Action Report assessing the City’s storm preparedness and response. As a result of that report, the City invested $21 million in capital funds to purchase additional snow equipment to remove snow more effectively from narrow streets, especially during storms with accumulations over 12 inches.

In the fall, DSNY holds meetings internally to coordinate operations, discuss snow staffing, and plan snow-drill exercises. DSNY also meets with other city agencies to coordinate asset dedication for its snow operations and to discuss putting City agencies on notice during a Snow Alert. A Snow Alert indicates the type of winter weather, amount expected, temperature and timing of the event as forecasted by weather services contracted by DSNY. As a result of these
meetings, DSNY and other City agencies have adopted procedures and made assets available as outlined in Section VI-D, below.

DSNY representatives also attend Community Board district service cabinet and Borough service cabinet meetings to report on DSNY’s snow operations plan.

In the months before the snow season begins, DSNY ensures it has adequate equipment, parts, and supplies to carry out this Snow Plan. DSNY has established contracts with multiple vendors for the replenishment of salt stockpiles, and salt and calcium chloride are delivered to DSNY storage locations located in each borough. (See Appendix E). Citywide, DSNY has 31 permanent and 11 seasonal salt storage sites, with the capacity to store over 300,000 tons of rock salt. DSNY also has 52 calcium chloride locations citywide with the capacity to store 365,500 gallons of calcium chloride. Calcium chloride system components are inspected and tested prior to snow season to ensure pumps, nozzles and associate hardware are fully functional. The Department ensures that it has sufficient snow chains on hand to have an adequate supply for the snow season.

Night Plow season is a specified period of time during the snow season where DSNY increases staffing of personnel on night shifts to ensure sufficient personnel are available to address weather related issues. This year, the Night Plow season will begin on November 28 and end the first Monday in April. During this time period, personnel are scheduled for regular cleaning and collection functions on three shifts (0000 hrs to 0800 hrs, 0600 hrs to 1400 hrs, and 1600 hrs to 2400 hrs).

Every year, a snow-drill exercise is conducted at the beginning of the Night Plow season to get everyone in "Snow Mode" and identify areas that may need strengthening. This exercise involves all DSNY divisions, including both operational and administrative functions.

In addition, for the 2022-2023 winter season, DSNY personnel have again surveyed all Open Restaurants setups and made necessary adjustments to route assignments, to account for streets that have narrowed slightly due to outdoor restaurant furniture and fixtures. On some open restaurant streets, the Department will utilize smaller haulsters rather than larger plows and will also incorporate brining pre-treatment.

III. TRAINING

Training for winter operations is held each year from September through December. Training for Sanitation Workers includes, but is not limited to, spreader operation, attachment of plows and chains, use of two-way radios and the use of Magellan return to route navigation.

Personnel from the Bureau of Motor Equipment and personnel from the Bureau of Cleaning and Collection together provide refresher training for field personnel on the proper attachment of chains, on the use of the Automatic Traction Control Mud/Snow mode and Inter-Axle Differential Lock (for vehicles equipped with these features), and on proper plow maintenance. Additionally, plow operators are retrained on how to make proper turns into side streets when ridges of snow are present. Materials are then distributed to personnel to serve as a handy reference for these topics.

Front end loaders are a vital piece of snow removal equipment. Each year Sanitation Workers are selected for training to operate Front End Loaders at the DSNY training center located at
Floyd Bennett Field. Additional classroom training is conducted for instruction on procedures when employing Hired Equipment and "Load and Dump" procedures for hauling and snow disposal operation.

In the fall, DSNY conducts a comprehensive snow training program for all Sanitation Workers and Supervisors. This full-day training program will combine a classroom module on proper techniques and procedures with a real-world driving training, with workers operating plows and spreaders on sector routes. This hands-on training with employees operating snow equipment on snow routes will provide a valuable opportunity to survey Open Restaurants and any other street scape changes allowing for route adjustments where necessary.

IV. SNOW REMOVAL PRIORITY DESIGNATION CATEGORIES

To formulate an effective snow removal response, routes are designed to address roadways and categorized into the classifications:

- Critical Routes: These routes are comprised of highways (main beds, entrances, exits interchanges), arterial roadways, main travel thoroughfares (single lane and multi-lane), bus routes, that contain emergency services & first responder facilities (Hospitals, EMS, FDNY, NYPD) and schools.

- Sector Routes: Designed to encompass all streets that are not classified as Critical Streets and are wide enough to accommodate a full size DSNY collection truck with a plow attached.

- Narrow Routes: Designed to service dead ends and streets that cannot be serviced with a collection truck or salt spreader with a plow attached due to narrow street width or tight turning radius (either entering or exiting the street).

In a heavy storm with significant expected accumulation, the Department begins plowing of critical, sector and haulster routes at the same time, providing more timely service for many residents. First tested during the 2013-2014 snow season, the successful new methodology was expanded each year and fully implemented in 2016-2017.

V. ASSIGNED EQUIPMENT AND PERSONNEL

For a full list of equipment and personnel assigned to each district, see Appendices A and B.

VI. IMPLEMENTATION

The following is a step-by-step overview of how DSNY fights an impending snowstorm.

A. Forecast and Preparation

DSNY's Operations Office monitors weather forecasts through the contracted weather reporting services 24/7. The following services will be contracted for the 2022-2023 Snow Season: AccuWeather, Compu Weather, and Metro Weather.
When a risk of snow is indicated by the forecast, the Bureau Operations Chief will brief the First Deputy Commissioner and Bureau Director. At this stage the First Deputy Commissioner will consider the need to activate personnel for snow response and brief the Commissioner of some for planning approval. If the forecasted amount of frozen precipitation would result in the need to deploy plows, personnel are re-scheduled into two 12-hour shifts (normally 0700 hrs to 1900 hrs and 1900 hrs to 0700 hrs). During these situations, regularly scheduled days off for Sanitation Workers and Uniformed Officers are cancelled to ensure maximum personnel availability. DSNY formulates staffing needs 24 hours in advance of snowfall based on weather forecasts and other factors. After an assessment is made as to the necessary action, DSNY will issue a “Snow Alert” informing Department personnel, the Mayor’s Office, and other City agencies of a pending snow event. In addition to receiving the snow alert, DEP, DOT and DPR may be notified of the need for their resources to address the pending snowfall if forecasts warrant it. (See Section VI-D for City agency responsibilities).

DSNY’s Bureau of Public Affairs will issue a “winter operations advisory” or “snow alert” declaration to all media and the public via a news advisory and all social media channels. Such advisories will also be posted on NYCEM’s Severe Weather page, available at: http://www.nyc.gov/severeweather. Subsequent weather forecasts are monitored, and DSNY’s Operations Office maintains ongoing communication with contracted weather forecasting services.

Before the storm, Department staff prepares equipment to begin snow fighting operations. This may include loading spreaders with salt and calcium chloride, attaching plows to spreader equipment and vehicles used for plowing, and attaching chains to spreaders and vehicles used for plowing, based on precipitation type and the amount of precipitation forecasted. Based on forecasted conditions, vendors with which DSNY has entered into requirements contracts may be contacted to prepare for piling, hauling, or towing operations.

In the hours prior to snowfall, weather condition reports are submitted hourly from DSNY’s field weather stations located at DSNY facilities. Salt spreaders are equipped and pre-positioned to begin operations at the first trace of precipitation.

**B. Salting and Plowing Operations**

At the first trace of snow or frozen precipitation, salt spreaders begin dispensing salt on roadways. Spreaders are DSNY’s first line of defense against snow and ice conditions. Large spreaders have plows attached and have the capacity to hold approximately 16 tons of salt. Spreaders are equipped with tanks of liquid calcium chloride for pre-wetting salt to enable the melting of snow and ice at lower temperatures. Each spreader can hold up to 180 gallons of liquid calcium chloride. DSNY has expanded its equipment used to pre-treat roadways with liquid sodium brine solution. Not more than 24 hours prior to a predicted snow event, DSNY will pretreat pre-selected streets citywide with a liquid sodium brine solution designed to reduce the adhesion of snow and ice to the pavement. This process suppresses snowfall accumulation and can increase the effectiveness of DSNY’s plowing operations and provide greater traction to motorists.

Plowing operations begin when snowfall exceeds two inches. Plowing clears snow from the roadways, moving it out of the way of the path of moving traffic. Plow blades are fixed to the right to avoid blocking oncoming traffic and keep intersections clear. Plows must follow their designated routes in the proper order, or they may miss some street segments. As a result, plows cannot be diverted from routes to resolve customer complaints until after snow has
stopped falling and assigned roadways are clear. After streets have been addressed, municipal parking lots, bike lanes, and pedestrian infrastructure are also cleared of snow.

DSNY also deploys specialized equipment as needed to meet local conditions. V-plows are deployed to areas where drifting or considerable accumulations of snow have made plowing too difficult for truck plows alone. Utility haulsters are small spreaders with plows attached for treating areas with limited accessibility. These spreaders can hold approximately 2 tons of salt. Front end loaders are used for salt loading, snow plowing in narrow streets, and snow hauling operations.

Additionally, in heavy snowfall events the Department may activate emergency hired equipment contracts as needed.

C. Situational Awareness

DSNY maintains situational awareness throughout a storm using a range of technologies and channels of communication. Department officers monitor operations in the field, and district offices and submit progress reports on the status of spreading and plowing operations.

DSNY headquarters, located at 125 Worth Street in Manhattan, maintains a Radio Control Center. All spreading and plowing equipment are outfitted with two-way radios and GPS to maintain communication with Supervisory personnel, Borough Commands, and the Radio Control Center throughout the event. GPS units are installed on all DSNY equipment as well as the units in DOT, DPR, and DEP that may be assigned to DSNY during storms. This allows DSNY to track all resources engaged in snow fighting efforts.

Radio communication is DSNY’s best tool for relaying orders and information to and from the field during a storm. Each Borough Command transmits on a separate assigned radio talk group. Additional talk groups may be utilized to alleviate radio traffic during emergency situations.

When the NYC Emergency Management’s Emergency Operations Center (EOC) is activated in response to a snow event, DSNY Operations will staff for the entirety of the activation (Whether virtual or in person).

DSNY coordinates with other City agencies through NYCEM as to the needs of those agencies including, but not limited to, emergency vehicles, NYCHA developments, hospitals, and other areas. This coordination will continue through the EOC throughout the snow event. DSNY also embeds staff in the NYPD and DOT command centers to monitor those agencies’ camera feeds in real time.

D. Other City Agencies

City agencies are responsible for clearing snow from their own facilities to comply with their Charter-mandated responsibilities. During a snow event, DSNY is in constant contact with NYCEM and other City agencies. In some cases, DOT, DPR, and DEP may provide plowing equipment and operators to DSNY, as described below. Should an emergency situation necessitate such action at an earlier stage, NYCEM will coordinate the reallocation of resources.
DOT: The Department of Transportation provides truck plows with operators (See Appendix F). When plowing operations are completed, these trucks may also assist in snow hauling operations. During a snow event, DOT will send a representative to DSNY Operations Command Center to facilitate coordination between DSNY and DOT. All DOT employees assigned will be directed by DSNY personnel. DOT services the four lower East River Crossings and calls upon DSNY to assist as necessary during a snow event.

JCDecaux, DOT's bus shelter contractor, is responsible for maintaining and clearing the interior of bus shelters.

DEP: The Department of Environmental Protection provides plowing assistance after completion of snow removal work at DEP locations (See Appendix F). DEP also advises DSNY on sewers suitable to support snow melting operations.

DPR: The Department of Parks and Recreation provides plowing assistance after completion of snow removal work at DPR locations (See Appendix F). When necessary, DPR supplies light duty vehicles with plows, which are able to perform snow removal work after initial large accumulations have been cleared by heavy-duty DSNY plows. In addition, DPR provides front end loading equipment as necessary to assist during piling and hauling operations.

NYPD: DSNY meets with NYPD to exchange contact information with the NYPD Traffic & Tow and Highways Divisions and to review the use of NYPD tow trucks during and after heavy snow. DSNY also sends representatives to liaise and monitor street conditions via private and public streaming video feeds received from hundreds of cameras located throughout the 5 boroughs.

FDNY / EMS: The Tow Truck Task Force, which is coordinated through NYCEM, may involve the use of Front-End Loaders from DSNY to clear snow from streets to provide access for NYPD tow trucks to tow snowbound ambulances.

MTA: DSNY attends the MTA's Annual Snow Operations Meeting to discuss issues and concerns going into the new snow season. MTA submits priority locations for DSNY salting and plowing, including turn-around locations for bus lines.

Port Authority & TBTA: The Port Authority of NY & NJ is responsible for managing bridges and tunnels between New York and New Jersey as well as airports in New York City and Northern New Jersey. The Triborough Bridge and Tunnel Authority (TBTA) manages the toll bridges and plazas within New York City. Although DSNY does not directly coordinate the Port Authority or the TBTA responses, communication is still maintained throughout the entirety of each event. These authorities have seats at NYCEM's Emergency Operations Center and are in constant contact with City agencies during a snow event. If necessary, DSNY will assist as able.

E. Customer Service

311 is New York City's main source for non-emergency services and information about City government, including information and services related to snow events. DSNY has worked very closely with the City's 311 Customer Service Center to provide a medium for public information and when appropriate for registering service requests and complaints related to snow events. Throughout snow events the DSNY Bureau of Community Affairs sends regular updates to 311 about snow operations, laborer and private equipment hiring, enforcement of sidewalk clearing responsibilities and collection service.
During the snow event, 311 uses Rapid Service Requests, allowing customers to submit reports of locations of concern during DSNY snow operations. Because DSNY is actively salting/plowing snow or ice from highways, roadways and streets, it cannot respond to individual plowing or spreading requests. This information is used to provide an overview of the storm situation and snow operations. These locations are mapped periodically during and immediately after the storm, and these maps are used to evaluate the effectiveness of snow operations and allocate resources as necessary.

After the snow event ends and the Mayor and/or the Commissioner have announced that snow clearing operations have concluded; all complaints and service requests are sent immediately from 311 directly to the district garage and/or Enforcement Zone for action. The local district supervisors determine priority needs based on street designations (see Section IV) and local conditions.

The following are examples of complaints and/or service requests received by 311: (1) unplowed streets (those streets where it is apparent that a plow has missed the location); (2) conditions where a plow has been down a street but residents have been throwing snow into the street creating new conditions; (3) unsafe icy patches on City streets; (4) icy conditions not caused by a storm or natural event; and (5) enforcement service request for failure to clear snow/ice from sidewalk area.

The DSNY Bureau of Community Affairs is available to liaise with government and elected officials and community boards regarding snow events by providing updates and maintaining communications. The Bureau of Community Affairs also serves as liaison to the City’s 311 Customer Service Center.

New Yorkers can use the PlowNYC online mapping tool to track the progress of DSNY snow operations throughout the five boroughs. PlowNYC is activated when DSNY snow clearing operations begin. When PlowNYC is active, residents can access a map displaying city streets that have been serviced by DSNY snow clearing equipment. Streets are color-coded based on the amount of time that has elapsed since a plow or spreader last passed down the street, and the map is updated every 15 minutes. PlowNYC data is available to the public and software developers through the City’s Open Data Portal. To access PlowNYC, go to: nyc.gov/plownyc.

F. Snow Clearing Operations

Spreading and plowing operations continue until all public streets are serviced.

After precipitation ceases, piling operations begin as needed. When snow accumulations approach the 6 to 8-inch range, the operation of piling follows plowing. Snow is plowed to keep main arteries open. This ridge created is then pushed into piles for scheduled removal. DSNY updates piling routes as needed each season.

DSNY has an established requirements contract for supplemental snow piling and hauling equipment that includes equipment for the incidental towing of vehicles. (See Appendix G). With this contract, contractors will be expected to have equipment readily available for DSNY employment throughout the snow season.

DSNY does not pile snow to be left on the public streets. Piles temporarily made by DSNY are hauled to approved snow disposal locations and left to melt or are transported to snow melter
locations to be melted. Additional piles made by the public should be reported to 311 for DSNY removal.

When forecasts warrant, DSNY stages snow melters in pre-determined locations. The City has twenty-nine small melters each capable of melting 60 tons of snow per hour. Two larger "mega-melters" are each capable of melting 135 tons of snow per hour. Melters are used in conjunction with hauling operations. Water from the melted snow is discharged directly into City sewers preapproved for melting operations by DEP. (See Appendix C for approved locations).

Additional snow disposal locations during hauling operations to expeditiously remove piles of snow from streets to a location where snow can be piled and left to melt. (See Appendix D for authorized snow disposal locations).

Alternate side parking regulations may be suspended before, during, or after a snow event. After roadways have been serviced and the temperatures are expected to be above freezing, the process of clearing snow from street cleaning routes begins. Alternate side parking regulations will be reinstated to facilitate this process. A combination of front-end loaders, plows, spreaders and haulsters may be used to clear snow away from curbs.

G. Clearing Pedestrian and Bicycle Infrastructure

After salting and plowing operations have stopped, DSNY addresses snow and ice removal from bike lanes, pedestrian overpasses and step streets, bus stops and crosswalks. DSNY has a fleet of 102 skid-steer loaders to clear these areas more quickly and efficiently. In addition, DSNY is continuing to test various types of smaller equipment to pre-treat and clear protected and non-protected bike lanes on the roadways. DSNY currently leases 30 smaller tractor units of various sizes for brining and plowing protected bike lanes. DSNY has purchased 47 of these for snow clearing going forward, and we expect to receive deliveries through 2023.

After major snow events, DSNY employs individuals as temporary snow laborers to clear crosswalks, pedestrian curb cuts, catch basins, paths for loading and unloading at bus stops, sidewalks adjacent to vehicular overpasses, and pedestrian bridges. All work performed by temporary snow laborers is supervised by DSNY supervisors. Once DSNY issues a request for temporary snow laborers to report for duty, laborers typically report at 8 A.M. at the district garage where they initially registered. In cases where there are insufficient temporary snow laborers who report for duty in a specific district during a major snow event, temporary snow laborers from nearby district garages will be transported to assist in the manual snow removal efforts of the district where there is a shortage and transported back at the end of the work shift to their original assigned garage where they reported for duty. DSNY supervisors monitor conditions of areas that have been shoveled. Laborers will be re-deployed to address areas that may be re-covered by subsequent plowing.

Each year in October DSNY seeks individuals interested in registering as temporary snow laborers during major snow events via its website and through the media, and by providing information through 311 upon request. Persons interested in becoming a temporary snow laborer can register at any local district garage between the hours of 7 A.M. to 3 P.M., after making an appointment online or through 311. The rate of pay begins at $17.00 per hour and increases to $25.50 per hour after completing the first 40 hours in a given week. Applicants must be at least 18 years of age, eligible to work in the United States, and capable of performing heavy physical labor. All applicants must bring two small passport-sized photos,
originals, and copies of two forms of identification, social security card, and proof of Covid-19 vaccination at the time of registration.

Citi Bike is a public-private partnership between the City of New York, represented by the New York City Department of Transportation (DOT), and Lyft. Lyft is a private company that owns and operates bike share systems around the country. Lyft is required to remove snow from a six-foot radius around bike stations. This will help create an adequate buffer around which DSNY plows can navigate. Lyft is also responsible to remove any snow that is inadvertently plowed against Bike Share stations. In cases where severe snowstorms are predicted, Lyft will be responsible for removing bikes and deactivating stations in advance.

H. Property Owner Responsibilities

All New York City property owners and managers, including homeowners, are required to remove snow and ice from the sidewalks adjacent to their properties.

Snow and ice must be cleared from sidewalks within these specific timeframes from the end of snowfall:

- Snowfall Ends between 7am and 4:59pm: Clear within 4 hours
- Snowfall Ends between 5pm and 8:59pm: Clear within 14 hours
- Snowfall Ends between 9pm and 6:59am: Clear sidewalks by 11am

Snow and ice may not be pushed into a street or crosswalk. Where possible, clear a continuous path at least four (4) feet wide. Corner properties should clear a path to the crosswalk, including pedestrian ramps. Property owners must also shovel the area around any fire hydrants and should clear a path to any catch basin to encourage proper drainage. Those who do not comply can face fines of $100-$250. If possible, consider assisting elderly or disabled neighbors.

Pursuant to Local Law 27 of 2011, NYC Service and DSNY provide capacity-building tools and resources to local not-for-profit organizations and other community groups to establish registries of volunteers willing to help remove snow on behalf of persons who are unable to do so due to infirmity, illness, or disability. For more information and resources, visit nyc.gov/snow.

Owners of private streets, driveways, parking lots, easements and other non-public roadways are responsible for clearing their properties. Snow may not be pushed or thrown into a City street from any private property. Operators who violate this provision are liable for fines that start at $100.

I. Open Restaurants

During the 2020-2021 season, DSNY made route adjustments to accommodate changes in roadway conditions due to the City’s popular Open Restaurants program, which includes dining on the sidewalk or in protected roadway seating areas.

During a DSNY-issued Snow Alert, businesses will be prohibited from seating diners in the roadway area, and they should remove or secure any tables and chairs and entirely remove any heaters. Restaurant operators should sign up for Notify NYC to receive snow alerts and all snow-related updates. To sign up for Notify NYC, call 311, visit www.nyc.gov, or follow @NotifyNYC on Twitter. During an active snow alert, restaurant operators should be prepared to remove any overhead coverings or regularly remove snow from overhead coverings until the
snow event is over, to prevent against potential collapse of those coverings.

When there is a forecast of snow accumulations of 12” or more, DSNY may require that restaurants remove or consolidate their roadway setups to have a smaller footprint along the curb to facilitate safe and effective snow removal. In the event of a significant snowfall, restaurant operators on the right-hand side of the driving lane may experience a ridge of snow alongside the roadway barriers, as plows push snow to the right. Barrier fortification, snow sticks and other treatments may help protect against damage.

DSNY will partner with SBS, DOT and the Office of Nightlife to communicate early and often with business owners in advance of any winter weather forecast to ensure they understand their responsibilities. DSNY will also continue to provide restaurants with tips and guidance on how to protect their assets, and take quick action to remove snow from roofs, awnings, and tents.
APPENDIX

A

ASSIGNED SNOW PERSONNEL BY DISTRICT

The following reflects planned personnel to respond to snow events.

Personnel available from other units such as Solid Waste Management and Lot Cleaning will be assigned to Boroughs on a citywide basis as needed.

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TOTAL 12 80 735

Manhattan Borough Chief - James Leavy
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BOROUGH RECAP

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<th>Plowable Trucks</th>
<th>Front End Loaders</th>
<th>Anti-Icing Vehicles</th>
<th>Plow Blades Assigned</th>
<th>V-Plows Assigned</th>
<th>Skid Steers</th>
<th>Snow Melters Small</th>
<th>Snow Melters Large</th>
<th>S.U.V.</th>
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TOTAL 68 15 342 47 4 988 12 16 8 0 101
C

Authorized snow disposal locations:
- Riverside Park - 148th and 151st Street/Henry Hudson Parkway (DPR)
- Randall's Island - Parking Lot (DPR)

E

Salt and Calcium
There are (6) salt storage sites.
Usable capacity is (40,000) tons.

There are (9) tank locations for the storage of calcium chloride.
Total storage capacity is (56,500) gallons.

F

OCAs
DOT will provide (8) employees to perform snow removal in the Times Square pedestrian Plazas. No truck plows will be provided.
DEP will provide (3) truck plows with operators.
DPR will provide (10) truck plows with operators.

G

Piling and Hauling Contracts

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<th>Location</th>
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Minimum Pieces of Equipment

Natural Landscaping        24
McCAREY Landscaping       6
Ricceli                  18
Cherry Hill               3