



City of Hartford Public Works Snow Operations

Winter 2020-2021

September 25, 2020

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PUBLIC WORKS SNOW OPERATIONS



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ORGANIZATIONAL STRUCTURE

PUBLIC WORKS SNOW OPERATIONS



Operations

- Streets
- Fleet (Light and Heavy Equipment)
- Facilities
- Parks
- Cemeteries
- Sanitation
- Forestry
- BRT

Engineering

- Permits
- Flood
- GIS
- Traffic
- Paving
- Streetscapes and Sidewalk

Architecture

- School & Building Improvement
- Capital Improvement

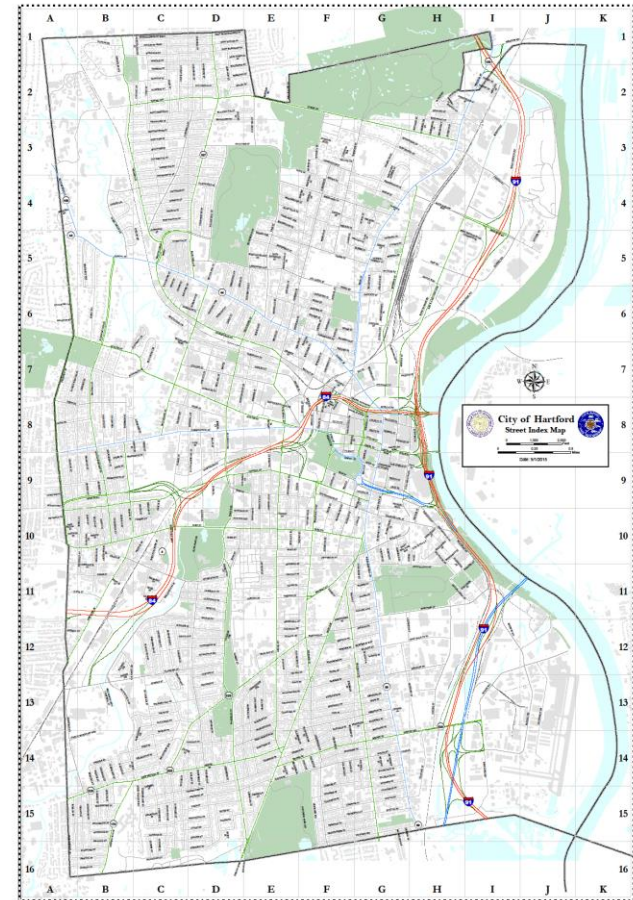
CITY OF HARTFORD

PUBLIC WORKS SNOW OPERATIONS



Statistics

- 18 square miles
- 217 centerline miles City-maintained roads
- 53 centerline miles state-maintained roads
- 1.37 square miles of City-maintained pavement
- +/- 398.34 centerline miles of sidewalk in the Public Right of Way
- 26.14 centerline miles of sidewalk to clear of snow



SCHEDULE OF OPERATIONS

PUBLIC WORKS SNOW OPERATIONS



Snow Preparation

- Pretreat prior to storm with brine (if practicable), calcium chloride or magnesium chloride
- Active plow operation starts approximately at 2" accumulation
- Post storm treatment after storm ends and roads are plowed curb to curb

Snow Removal

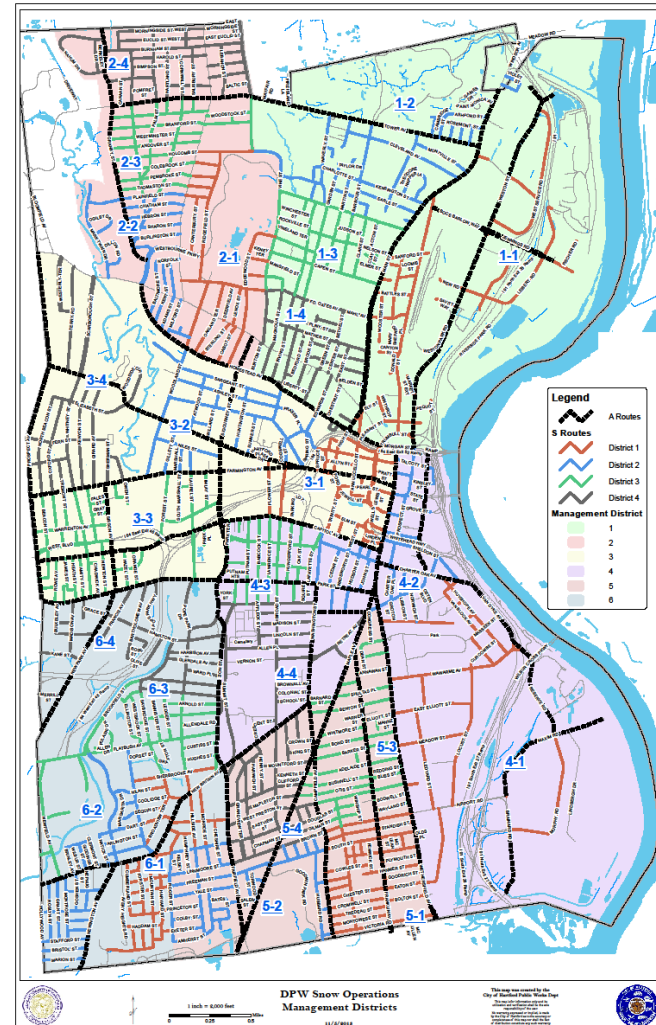
- Operations starts approximately 24 hours after storm ends
- Maximum 4 removal teams
- Vital traffic and high volume areas a priority
- Crew district assignment & priorities change by weather and event schedules

SNOW OPERATIONS

PUBLIC WORKS SNOW OPERATIONS



- 6 Districts
- Residential Streets
- Targeted “A-Route” arterials
- 30 Plow Routes
- 24 Residential routes
- 4 A-Route routes
- 279 other locations including sidewalks, crosswalks & parking lots



SNOW FORECASTING

PUBLIC WORKS SNOW OPERATIONS



Sources:

- WeatherWorks – City contracted service
- National Weather Service
- Weather Underground
- Accuweather
- Local news media

ALERT OVERVIEW

START TIME:	Saturday 3 - 6 AM	END TIME:	Sunday 12 - 3 AM	TOTAL:	2.0 - 4.0" (Highest South of Hartford)
DURATION OF PRECIP:	12 - 20 hours	INTENSITY:	Moderate/ Briefly Heavy		
COMMENTS:	- Due to the minor shift north, we are currently leaning on the higher side of totals - As previously mentioned, a 20 mile shift north or south will drastically change totals - Winds will gust 40 - 45 mph, creating low visibility and blowing/drifting snow				

SIDEWALK SNOW & ICE CLEARANCE

PUBLIC WORKS SNOW OPERATIONS



City Ordinance – Chapter 31, Article V

- Sidewalks must be cleared or abated of snow and ice within six (6) hours of the end of winter weather event
- If a winter weather event ends after sunset, property owners have until 9:00am the following morning to clear or abate snow and ice on their properties
- Failure to comply can result in the issuance of a Notice of Violation (NOV) and if uncorrected a \$99 fine per day until the snow and ice is abated or cleared.



Sidewalk Clearance Operations

- Contractors **CANNOT** stack snow in public right-of-way during morning commute (5:30am-9:30am)
- Snow/ice **CANNOT** be pushed or thrown into the public right-of-way
- Property owner subject to a \$99 fine

WINTER WEATHER PARKING BANS

PUBLIC WORKS SNOW OPERATIONS



- Parking bans are a necessary inconvenience to City residents, commuters, and visitors.
- Violators impede our crews' ability to keep streets passable during the storm and clear snow curb-to-curb thereafter.
- Cars parked in violation of the ban are subject to ticketing and towing.



WINTER WEATHER PARKING BANS

PUBLIC WORKS SNOW OPERATIONS



- In preparation a ban, DPW initiates a process allowing for timely deployment of resources:

- Activate Blue Lights
- Open Snow Lots
- Update Web Page
- Alert News Media
- Alert Social Media
- Activate Police Support
- Notify Tow Operators

Snow Storms 4" and above
Parking Ban Information
Información de Prohibición de Estacionamiento en Tormentas de Nieve de 4" como mínimo.

Parkville Neighborhood Residents

Vecinos de Parkville

To help residents, Public Works has identified Snow Emergency Parking Lots listed below:
 Para ayudar a los residentes, el Departamento de Obras Públicas, ha identificado lugares de Estacionamientos de Emergencia de Nieve, el cual se detalla abajo:

SCHOOLS		SPACES	REQUIREMENTS
Escuelas		Espacios	Requisitos
To avoid ticket and towing, please remove 3 hours after the end of the snow Ban. Para evitar multas y remolques, remueva su vehículo 3 horas después de la prohibición de estacionamiento			
Parkville School			
LOT # 1	47 New Park Ave.	75	
LOT # 2	2 Grace Ave.	48	

PARKS & SNOW-BAN LOTS		SPACES	REQUIREMENTS
Parques y Espacios Autorizados		Espacios	Requisitos
Lots to Be used for snow emergency parking only. Espacios para utilizar solo como estacionamiento por emergencias de nieve.			
LOT # 3	Pope Park Recreational Center	125	
LOT # 4	165 Francis Ave.	45	
LOT # 5	62 Chadwick Ave.	10	

Please look for the Snow Lot Signs, use your cell phone, the QR code or call 311 or 860-757-9311 for more information.
 Por favor busca los letreros de estacionamientos autorizados en tormenta de nieve, usando tu teléfono escaneando el código QR ó llamando al 311 o al 860-757-9311 para más información.

CALL 311

BLUE LIGHT PARKING LOT PROGRAM

PUBLIC WORKS SNOW OPERATIONS



**PARKING BAN
DECLARED WHEN
BLUE LIGHT IS
FLASHING**



**Go to hartford.gov or
call 311 for information**

BLUE LIGHT PARKING LOTS

PUBLIC WORKS SNOW OPERATIONS



Designated Snow Parking Lots

Locations

Parking Spaces

• 130 Sisson Ave	50
• 20 Francis Court	75
• 2434 Main St	100
• 547 Park Street	10
• 60 Chadwick Ave	12
• 80 Coventry St	100
• 2 Holcomb	50
• 77 Laurel Street	50
• Sigourney St./Homestead Ave.	60
• 45 Evergreen St	50
• Learning Corridor Parking Garage – Brownell St. Entrance	600

BLUE LIGHT PARKING LOTS – PARKS & SCHOOLS

PUBLIC WORKS SNOW OPERATIONS



City Parks Lots

Locations

- Colt Park
- Elizabeth Park
- Goodwin Park
- Keney Park
- Pope Park
- Hyland
- Columbus Park
- Rocky Ridge
- Forster Heights

Parking Spaces

100
125
150
125
125
40
40
20
10

- All City Public Schools (Future goal is to reduce use of school lots)

TOWING

PUBLIC WORKS SNOW OPERATIONS



Process

- HPD arrives with tow trucks
- Lights flashing & announcement via PA
- Immediate issuance of tickets & hookup
- Stay on scene until street is cleared of snow



QUESTIONS?

PUBLIC WORKS SNOW OPERATIONS



Michael T. Looney

Director of Public Works

Virgil Griffin

Snow Commander

Petrel Maylor

Acting Deputy Director of Public Works