



**TOWN *of* FRANKLIN**  
**MASSACHUSETTS**

# **SNOW & ICE** **REMOVAL PROGRAM**

**Franklin Department of Public Works**

**Robert Cantoreggi, Director**

**Carlos Rebelo, Highway & Grounds Superintendent**

**Tony Brunetta, Deputy Highway & Grounds Superintendent**

**December 17, 2025**



# PRIORITIES

1. Roadways
2. Public Buildings / Schools
3. Sidewalks



These priorities were established through collaboration between the Public Works, School, and Police departments

# GOALS

1 Be prepared!

2 Respond with the appropriate resources in a timely manner.

3 Ensure that emergency vehicles can always respond during snow / ice events

4 Provide safe passage for vehicles during snowfall.

5 Have all roadways cleared (showing some asphalt), less than one inch of snow and ice within 4 hours of the conclusion of the storm.



**FY 2025**

**EVENTS**

**16**

**33" Snow**



**TOTAL BUDGET**

**\$1,140,380.00**

**SALT**

**\$362,372.00**

# FY 2026

FY 2026 APPROVED BUDGET

**\$ 1,422,500.00**



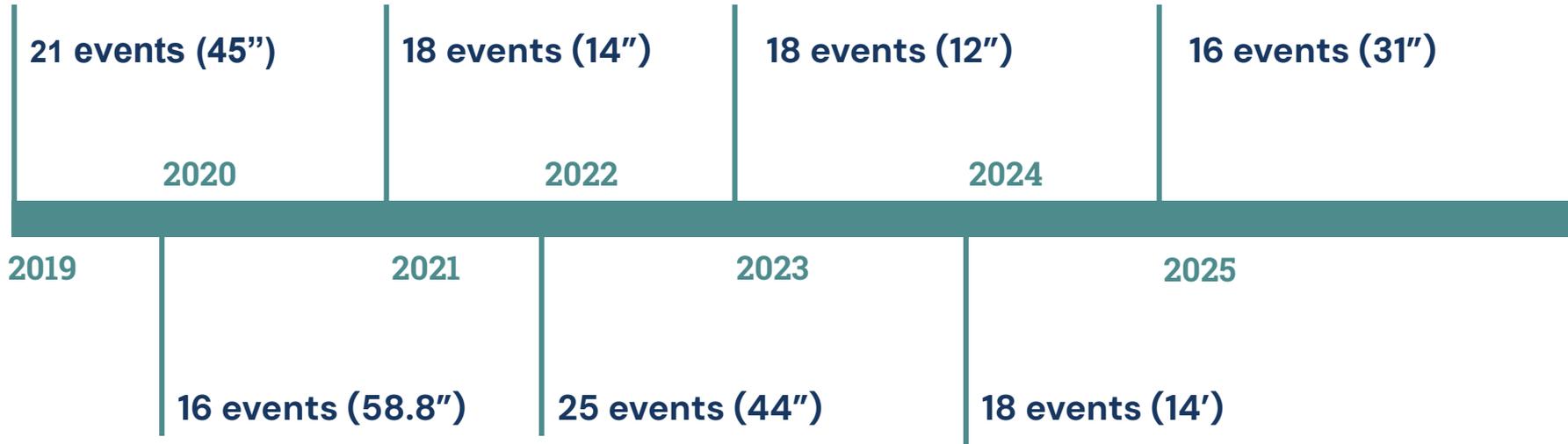
FY 2026 APPROVED SALT  
BUDGET

**\$605,000.00**

8200 Tons !



# PAST YEARS ( by fiscal year )



# SALTING & TREATING



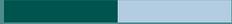
## Mixing Rate

100% Salt  
Special Circumstances



## Brine

Mixture of beet juice



# 5-TRUCK VS ENTIRE TOWN

## 1. Treating the entire Town

- 14 salters/sanders
- 21 employees (\$4,920 - per hour)
- 400 yds of salt (\$28,820)
  - Total = \$33,740

## 2. 5-Truck route

- 6 salters/sanders
- 7 employees (\$1,840)
- 120 yds of salt (\$8,600)
  - Total = \$10,440

**\$33,740**

Cost of treating the  
entire Town

**VS**

Cost of 5-truck route

**\$10,440**

# ENVIRONMENTAL CONCERNS

## Rising Salt Levels in Water Supply

Well #3 (Grove St) DEP recommends <20 ppm

- 2000: 17.4 ppm
- 2008: 438 ppm
- 2012: 59.7 ppm
- 2015: 68.2 ppm
- 2018: 70.3 ppm
- 2021: 66.0 ppm
- 2024: 69.6 ppm



# PLOWING



## EQUIPMENT

**35**

Pieces of Town owned equipment on the road at one time

**60**

Pieces of hired equipment on the road at one time



## EMPLOYEES

**Town employees**

\$1,537 per hour

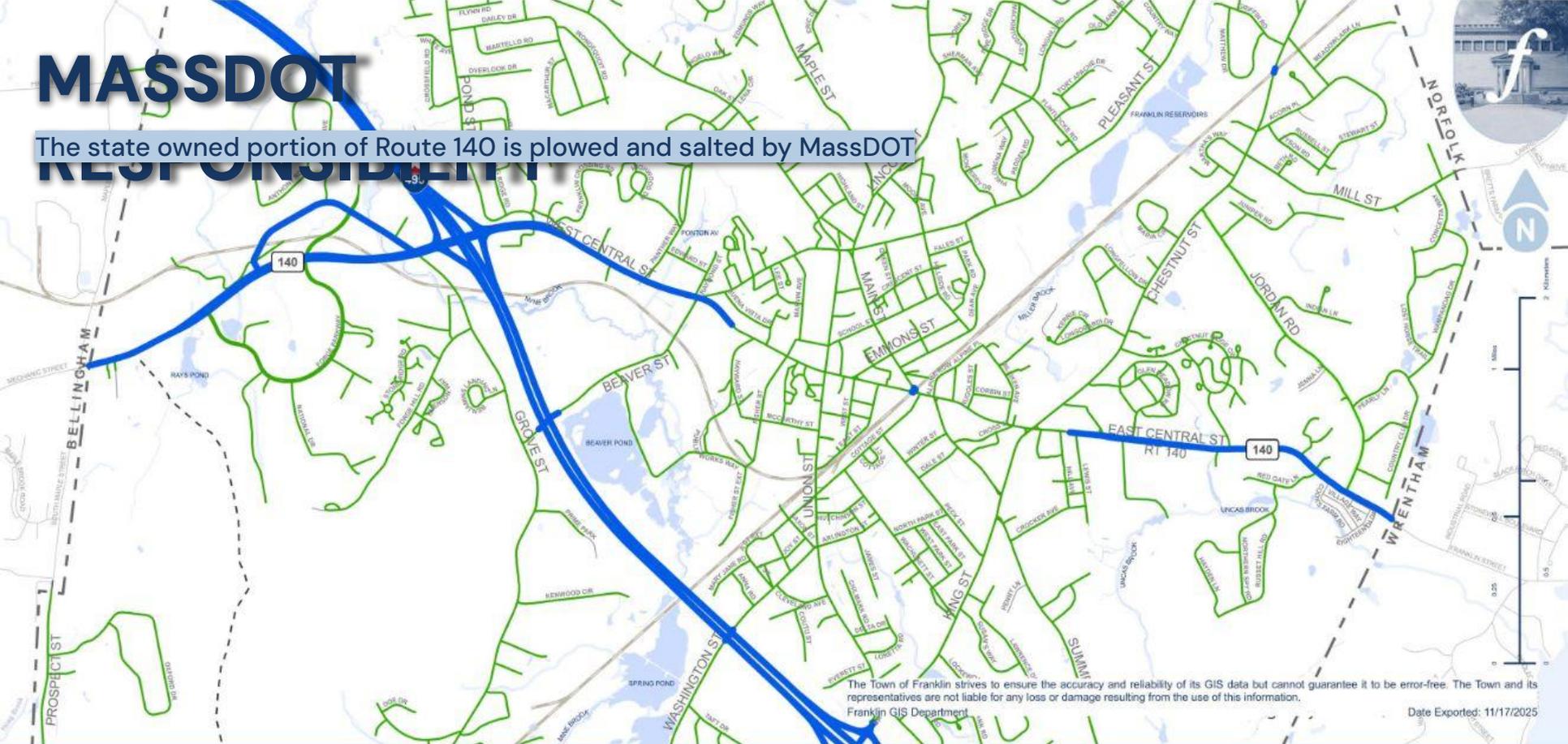
**Contractors**

\$10,450 per hour

# MASSDOT

The state owned portion of Route 140 is plowed and salted by MassDOT

# RESPONSIBILITY



The Town of Franklin strives to ensure the accuracy and reliability of its GIS data but cannot guarantee it to be error-free. The Town and its representatives are not liable for any loss or damage resulting from the use of this information.  
Franklin GIS Department  
Date Exported: 11/17/2025



— MassDOT

— Town of Franklin

- - - Municipal Boundary



# SIDEWALKS



## CHALLENGES

35 miles of sidewalks fall within snow removal operations

- School walking routes
- Downtown areas
- High traffic/speed routes



## MOTHER NATURE

- Timing of the storm
- Length of storm
- Type of snow
- Amount of snow



# TIME REQUIRED TO CLEAR SIDEWALKS

**1 day**

Less than 6" snow  
Sidewalk plows used

**3 + days**

More than 6" snow  
Snow blowers used

# WORKER SHORTAGES



## WHY?

- Employee turnover
- Contractors can't find drivers
- Insurance costs/requirements
- CDL requirements
- Private properties
- Lack of interest

## EFFECT

- Increased timetable to clear roads & sidewalks
- More delays / school cancellations
- Extended timeline to remedy missed areas
- Downtown snow removal delays
- Delays in pothole repairs / other winter work



## WHAT HAVE WE DONE?

- Improved union contract rates / hours
- Raised contractor plowing rates
- Reviewed insurance requirements
- Sidewalk plowing bylaw updated
- Enhanced plow routes
- Enhanced maintenance & calibration of equipment
- New Equipment
- Advanced weather services
- Cameras



# WHAT CAN AFFECT RESPONSE TIME?

- 1 Timing of the storm (day of the week, hour of the day)
- 2 Amount and type of precipitation
- 3 Durations of the storm
- 4 Temperature during the storm
- 5 Weather pattern: warm to cold / cold to warm
- 6 Frost in / on the ground
- 7 Month of storm
- 8 Recent storm activity

# PREPARING FOR A STORM



- 1 Watch the weather forecast
- 2 Equipment readiness
- 3 Availability of DPW personnel
- 4 Contact with other town departments
- 5 Contact contractors for equipment / personnel
- 6 Availability of supplies / salt
- 7 Training and after-action reviews...
- 8 **...Prepared for the next event!**



Pushing Snow into Roadway – Town Bylaw: Peace & Good Order, Ch 155-12, Deposit of Snow & Ice

No person shall plow, push, deposit, throw, or pile snow or ice into or across any public street, sidewalk, or property, not direct not cause the same to be done unless in the employ of the Town.

Winter Storm Overnight Parking Ban – Town Bylaw Article X, Ch 170–60



The parking of any motor vehicle within the layout or right-of-way of any public street or any roadway open to the public is prohibited between the hours of 1:00am and 5:00am while a winter storm parking ban is in effect.

# RULES TO REMEMBER

Hydrants – keep them clear!

No salt is available at the DPW yard

- Safety of employees and residents
- DEP regulations
- Liability issues

Basketball hoops – not allowed in the public right-of-way per Town Bylaw Ch 125-4,  
Obstructing streets and sidewalks

Mailbox Policy



# TOP 10 COMPLAINTS

1. Plows keep putting snow in my driveway right after I shovel
2. My street is not down to asphalt, but others are
3. There is more snow on my side of the road than the other
4. The roadway is too narrow, there is only enough room for one car to pass
5. The snow banks are too high - I can't see oncoming traffic
6. You hit my mailbox / I cannot get to my mailbox
7. I can't dig out / find my hydrant
8. Why do the plow trucks go by every hour? I am trying to sleep!
9. The plow trucks are driving 40 miles per hour!
10. When is it going to stop snowing?





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