

# PUBLIC WORKS OPERATIONS

## MONTHLY ACTIVITY REPORT

February 2025

### STREETS & FLEET

#### Road Construction Crew

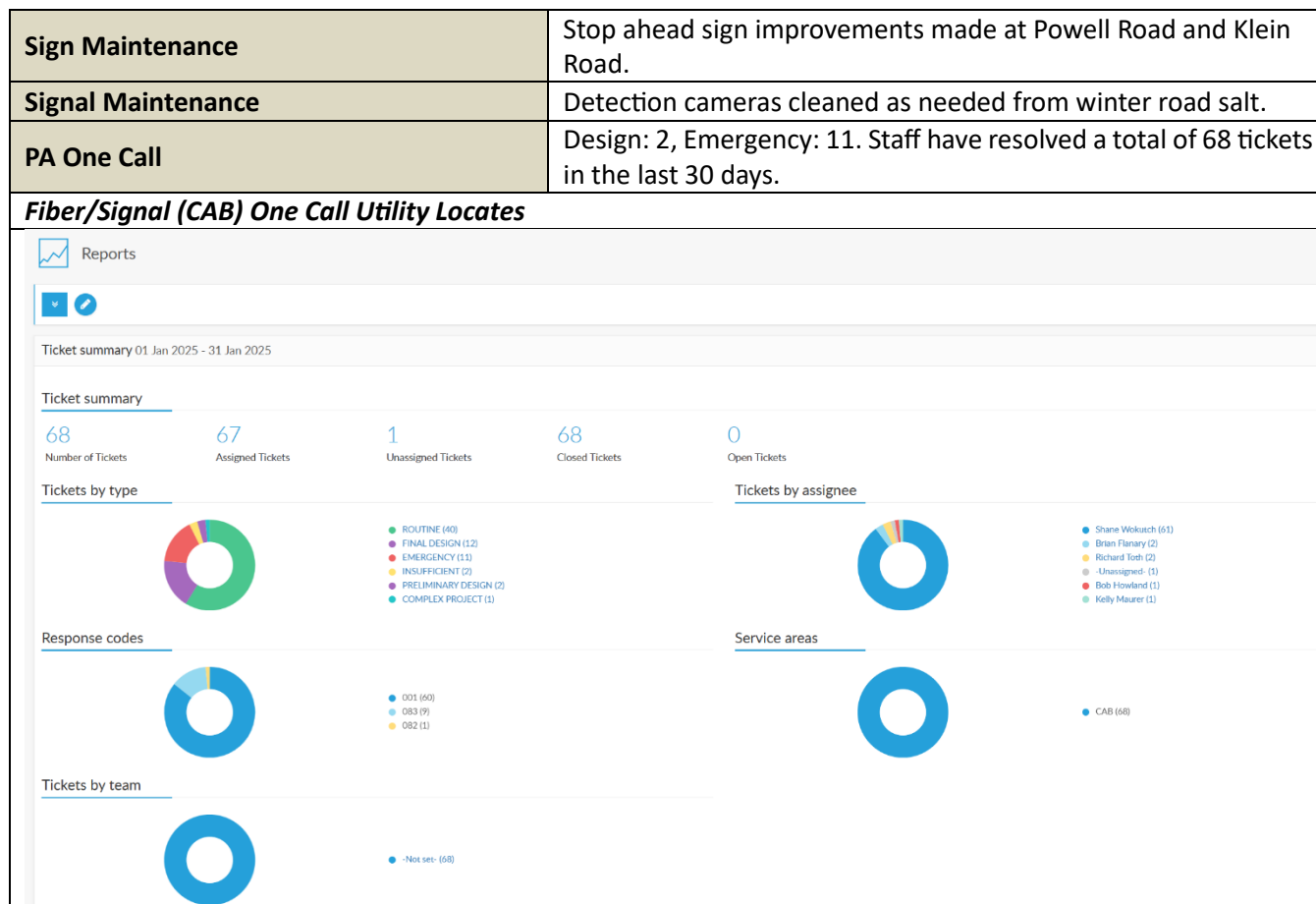
## WINTER BY THE NUMBERS

	2024-25	2023-24	2022-23	2021-22	2020-21	2019-20	2018-19	2009-10
<b>Inches of snow (avg 41")</b>	26.6 inches Dec - 5.7" Jan - 13.7" Feb - 7.2"	16.3 inches Below Avg	17.6 inches Below Avg	44.8 inches Avg	57.7 inches Above Avg	21.7 inches Below Avg	36.6 inches Avg	77.4 inches Above Avg+
<b>Number of Events</b>	39 (as of 2/21)	16	23	33	40	35	34	52
<b>Tons of salt used</b>	5,189 tons	2,040 tons	2,730 tons	4,487 tons	3,306 tons	2,854 tons	3,662 tons	6,401 tons
<b>Liquid deicer</b>	99,488 gallons	46,915 gallons	48,490 gallons	52,045 gallons	55,352 gallons	32,173 gallons	59,055 gallons	0
<b>Miles Driven</b>	25,522 miles	11,154 miles	13,877 miles	20,087 miles	15,610 miles	11,792 miles	15,728 miles	22,132 miles
<b>Cost of salt/ton</b>	\$90.03	\$87.78	\$79.05	\$57.91	\$76.20	\$62.93	\$55.94	\$62.87
<b>Salt Cost</b>	\$ 467,166 \$ 179,071 \$ 215,807 \$ 259,842 \$ 251,917 \$ 179,602 \$ 204,852 \$ 402,431							

<b>Winter Maintenance</b>	All PW crews were involved in preparation, response, and clean up for snow and ice events in February. Responded to 15 events in February (as of 2/21). (Feb – 5,902 miles driven, 1,144 tons of salt used, 19,380 gallons of brine/blend, 467-man hours)
<b>CHGC Retention Wall Repair</b>	Winter project to reconstruct pond retention walls at the golf course. One wall competed in February. One to be completed in March.
<b>Salt Brine Plant</b>	Performed software update and recalibrated salinity to proper parameters.
<b>Water Leak Repairs</b>	Crews assisted and salted roads for the water repair crew as they made their repairs at several locations.
<b>Pothole Maintenance</b>	Crews performed pothole inspections daily and filled potholes on Mars Rd, Hillmont Drive, Cranberry Woods Drive, Old Freedom, and various other roads as needed.
<b>2025 Paving Program</b>	Reviewed the Roadbotics inventory and Roadsoft database to create the recommended 2025 Resurfacing Program for BOS approval.
<b>2025 Fleet Capital</b>	Prepared submissions for 2025 Fleet Capital Projects for BOS Approval including justification memos, quotes, cooperative purchase and due diligence information.

<b>Fleet Maintenance (Scheduled)</b>			
<b>Vehicle or Equip.</b>	<b>Description of Work</b>		
1614 Dodge	Replaced left rear wheel and tire		
1628 Peterbilt	Replaced heater blower motor		
1629 Peterbilt	Repaired brakes lights and foot brake valve		
1624 Peterbilt	Replaced blown salt brine hose, replaced gearbox grease		
1613 Dodge	Repaired tailgate spreader gearbox		
1641 Peterbilt	Realigned Epoke conveyor belt		
1639 Mack	Repaired snowplow lift hydraulics		
1627, 1628, 1629 Peterbilts	Repairing rust on cabs and fenders		
Bobcat 873 (Plant skid steer)	Replaced burnt parking brake solenoid		
Engine 21-2 FD	Replaced seat belt wiring		
Engine 21-3 FD	Repaired leaking front hub oil		
Repaired FD snow blower	Repaired engine to get it to run again		
Snow events	Many hours working on snow routes		
<b>Preventive Maintenance Program</b>		<b>State Inspections</b>	
<i>Cars</i>	<i>24</i>	<i>Cars &amp; Trucks</i>	<i>10</i>
<i>Trucks and Equipment</i>	<i>15</i>	<i>Trailers</i>	<i>1</i>

<b>TRAFFIC, COMMUNICATION &amp; SIGNS</b>	
<b>Winter Maintenance</b>	Traffic division assisting in winter road maintenance when needed.
<b>Freedom Road Build II</b>	Coordination with Vantage Contracting for setting signal poles.
<b>New Signals</b>	Coordination with turn on and signal timings for new traffic signal at Route 19 and Short Street. Pedestrian crosswalk across Nicklas Drive to be completed. Coordination with WRA on designing replacement emergency traffic signal at Route 19 & Park Fire Station. Troubleshooting timing at Route 19 & Powell.
<b>Municipal Building</b>	Working with township engineering and ACE electric for lighting controls for remodel.
<b>Lighting</b>	LED light fixture upgrades at Graham Park.
<b>Temp Radar Signs</b>	Relocated temporary radar speed signs as requested.
<b>Emergency Repairs</b>	Replaced wind damaged northbound traffic signal at Cranberry Springs Drive & Mackenzie Way.



## FACILITIES

<b>Winter Maintenance</b>	Snow and ice removal at township facilities lots and sidewalks.
<b>Municipal Building</b>	Set up/tear down for events. Replace ignition control board on RTU 6. Repair gas valve on RTU 29. Delivered dictionaries to elementary schools. Reroute enzyme line from sprinkler room to server room.
<b>Public Works</b>	Repaired oil heaters in old PW garage. Replaced pump on dispenser 4. Clean off old PW mezzanine.
<b>Park Station</b>	Replace cracked ball valve and pipe in fire protection. Install new dishwasher in kitchen. Replace all bunk room smoke detectors.
<b>Clubhouse</b>	Replaced all door sweeps, door stops, and weatherstripping. Replace compressor in beer cooler.
<b>EMS Station</b>	Repair damper motor on economizer.

## GROUNDS

<b>Winter Maintenance</b>	Grounds staff have been busy on their snow routes, cleaning and working on trucks, and trail clearing.
<b>All Parks</b>	All park restrooms and buildings were checked daily to ensure they are heated properly. All grounds staff attending pesticide training classes to acquire necessary continuing education credits for their applicator licenses.

	Seasonal employees have been contacted and to return to work around March 17 <sup>th</sup> .
<b>Additional Storage</b>	Staff have cleaned and organized the loft in the old Public Works garage to utilize storage. Used to store new holiday decorations from Admin Great Lawn.
<b>2025 Capital Purchases</b>	Prepared submissions for 2025 Grounds Capital Equipment for BOS Approval including justification memos, quotes, and cooperative purchase information.
<b>Powell Farm</b>	A new high tensile fence is being installed on the Powell Farm property along Goehring Road to deter trespassing.
<b>Graham Park</b>	Graham staff have been working with the electricians installing new light fixtures and hand dryers in the maintenance building and park restrooms.
<b>SPECIAL PROJECTS</b>	
<b>Fleet Asset</b>	Fleet work orders, Munis PM's, recalls.
<b>Winter Maintenance</b>	Driver logs & spreadsheet.
<b>2025 Projects</b>	2025 Capital Projects: Justification Memos & Quotes.

# WINTER BY THE NUMBERS

	2024-25	2023-24	2022-23	2021-22	2020-21	2019-20	2018-19	2009-10
<b>Inches of snow (avg 41")</b>	19.5 inches Dec - 5.7" Jan - 13.7" Feb - 0.1"	16.3 inches Below Avg	17.6 inches Below Avg	44.8 inches Avg	57.7 inches Above Avg	21.7 inches Below Avg	36.6 inches Avg	77.4 inches Above Avg+
<b>Number of Events</b>	30 (as of 2/7)	16	23	33	40	35	34	52
<b>Tons of salt used</b>	3,650 tons	2,040 tons	2,730 tons	4,487 tons	3,306 tons	2,854 tons	3,662 tons	6,401 tons
<b>Liquid deicer</b>	80,007 gallons	46,915 gallons	48,490 gallons	52,045 gallons	55,352 gallons	32,173 gallons	59,055 gallons	0
<b>Miles Driven</b>	20,455 miles	11,154 miles	13,877 miles	20,087 miles	15,610 miles	11,792 miles	15,728 miles	22,132 miles
<b>Cost of salt/ton</b>	\$90.03	\$87.78	\$79.05	\$57.91	\$76.20	\$62.93	\$55.94	\$62.87
<b>Salt Cost</b>	\$ 328,610	\$ 179,071	\$ 215,807	\$ 259,842	\$ 251,917	\$ 179,602	\$ 204,852	\$ 402,431