



# PUBLIC WORKS OPERATIONS

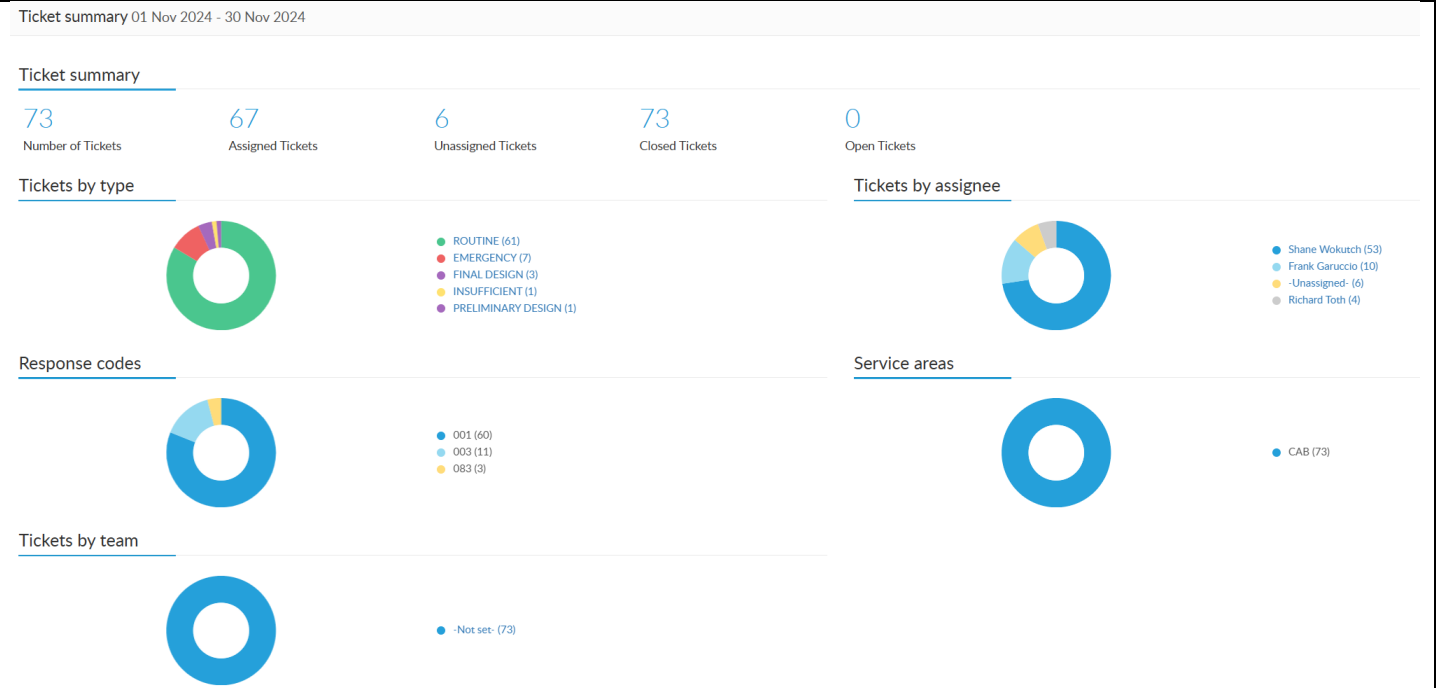
## MONTHLY ACTIVITY REPORT

December 2024

STREETS & FLEET			
<b>Road Construction Crew</b>			
<b>OVERALL COSTS TO DATE - WINTER EVENTS</b>			
<b>Rock Salt</b>	<b>Brine</b>	<b>Fuel</b>	<b>Labor</b>
<b>Total tons</b>	<b>Total Gallons</b>	<b>Total Miles driven</b>	<b>Hours Worked</b>
691	16,699	4,843	386
<b>Rock Salt/Ton</b>	<b>Brine/Gallon</b>	<b>Average Cost/Gallon</b>	<b>Dec Labor Cost</b>
\$ 87.78	\$ 0.15	\$ 3.27	\$20,940.50
<b>Running Cost</b>	<b>Running Cost</b>	<b>Running Cost</b>	<b>Running Cost</b>
\$ 60,655.98	\$ 2,504.90	\$ 3,442.74	\$ 20,940.50
	<b>Number of Events</b>	<b>8</b>	
	<b>Grand Total:</b>	<b>\$ 87,544.12</b>	
<b>Pickleball and Tennis Courts Community Park</b>	The new asphalt surface has been paved and will be ready for the new surface treatment to be applied in the spring.		
<b>Facility Pallet Racks</b>	Assembled new pallet racks for the Facilities Division		
<b>Vaisala Road Surface Temperature Sensors</b>	Installed new sensor at the rear admin lot (near PD parking area).		
<b>2024 Resurfacing Program</b>	With the completion of the paving at the Community Park tennis courts and pickleball courts; Youngblood has completed 100% of the 2024 Resurfacing Program.		
<b>Pothole Maintenance</b>	Filled potholes on Mars Rd, Hillmont Drive, Cranberry Woods Drive, Old Freedom, and various other roads as needed.		
<b>Fleet Maintenance (Scheduled)</b>			
Dan's Explorer	Replaced the battery.		
1630 Peterbilt	Replaced all 4 drive tires and right from steer tire.		
1627 Peterbilt	Replace hydraulic solenoid for salt spreader.		
1623 International	Repaired damaged tailgate.		
1639 Mack	Installed new LED plow lights.		
1640 Mack	Repaired salt spreader chute sensor.		
Salt Spreaders	Repaired various salt spreaders as needed.		
Bobcat T870 skidsteer	Repaired fuel leak.		
1708 International	Repaired EGR engine tube seal.		
Tower 21 FD	Repaired rear lights.		
EMS 51-2	Replaced engine mass air flow sensor.		
FP21-3	Installed 4 new tires and repaired coolant leak.		
PD 803 Durango	Replaced engine motor mount.		
Winter Events	Plowing and salting roads during each winter event.		
<b>Preventive Maintenance Program</b>		<b>State Inspections</b>	
<i>Cars</i>	21	<i>Cars &amp; Trucks</i>	3
<i>Trucks and Equipment</i>	15	<i>Trailers</i>	0

TRAFFIC, COMMUNICATION & SIGNS	
<b>Freedom Road Build II</b>	Attending coordination meetings and assisting signal contractor.
<b>New Signals</b>	Traffic Control and Engineering has Route 19 & Short Street signal poles installed. Additional work still needs completed for signal turn on.
<b>Community Pool</b>	Ordering sump pump overload protection.
<b>Lighting</b>	Repairs and replacement of bad light fixtures at Public Works facility.
<b>Winter Road Maintenance</b>	Traffic division assisting in winter road maintenance when needed.
<b>Temp Radar Signs</b>	Relocated temporary radar speed signs as requested.
<b>Emergency Repairs</b>	Replaced broken signal at Route 19 & Route 228. Replaced two damaged signals from over height truck at 228 & Heritage Creek in Adams Township.
<b>Sign Maintenance</b>	Emergency repairs to signs as needed.
<b>Signal Maintenance</b>	Organizing and ordering spare parts.
<b>PA One Call</b>	Design: 3, Emergency: 7. Staff have resolved a total of 73 tickets in the last 30 days.

**Fiber/Signal (CAB) One Call Utility Locates**



FACILITIES	
<b>Municipal Building</b>	Set up/tear down for Santa’s first stop. Replace probes in admin restroom hot water tank. Winter maintenance call out. Install heat source in rear sliders motor. Set up/tear down for Christmas events.
<b>Public Works</b>	Winter maintenance training. Install lights and storage bin on snow brush. Clean out grease traps and pits. Winter maintenance call out. Install new door at admin entrance. Pick up art boards from Cranberry Artist Network.
<b>Haine Station</b>	PM HVAC equipment. Change light fixture in storage room. Clean out grease pit.
<b>Park Station</b>	PM HVAC equipment. Clean out grease pit.
<b>PSTC</b>	Clean out grease pit.

Facilities continued	
<b>Clubhouse</b>	PM HVAC equipment at turfgrass. Clean out grease trap. Ansul system testing.
<b>Waterpark</b>	Clean out grease trap. Ansul system testing.
<b>Graham Park</b>	Clean out grease traps. Unplanned power outage (pickleball dome issues, heaters in restrooms.
<b>Community Park</b>	Change pressure relief valve in kids castle restroom. Clean out grease traps.
<b>Brush Creek Treatment Plant</b>	PM HVAC equipment. Replace blower motor and frequency drive on heater in maintenance garage.

GROUNDS	
<b>All Parks</b>	Fallen trees in the parks will be cut up and removed. Parks staff will be attending upcoming continuing education seminars to maintain pesticide application licenses.
<b>Powell Farm</b>	We have plans to build a fence along Goehring Road at the Powell Farm.
<b>Winter Maintenance</b>	Staff have been on their snow routes over the last month. Staff will be maintaining the walking trails in the park after snow events.
SPECIAL PROJECTS	
<b>Fall Auction</b>	Ended 12/9, Currently coordinating payment and pickups.
<b>Fleet Asset</b>	Fleet work orders, Munis PM's, recalls.
<b>Safety Committee</b>	PW Safety Concerns: 6 Open/Active Concerns, 31 Closed.
<b>Leaf Angels</b>	44 homes completed not including RGMS outing.
<b>Snow Angels</b>	31 Matches made, 30 Requestees unmatched needing volunteers.



# PUBLIC WORKS OPERATIONS

## MONTHLY ACTIVITY REPORT

January 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>	20.2 inches Dec - 5.7" Jan - 14.5"	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 Below Avg	77.4 inches Above Avg+
<b>Number of Events</b>	25 (as of 1/24)	16	23	33	40	35	34	52
<b>Tons of salt used</b>	3,491 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>	77,157 gallons	46,915 gallons	48,490 gallons	52,045 gallons	55,352 gallons	32,173 gallons	59,055 gallons	0
<b>Miles Driven</b>	18,959 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>	\$ 314,295	\$ 179,071	\$ 215,807	\$ 259,842	\$ 251,917	\$ 179,602	\$ 204,852	\$ 402,431

**Winter Maintenance** All PW Crews participating in winter maintenance for majority of January including maintenance of streets, facilities, and trails. Responded to 15 snow events as of Jan 20, 2025. (Jan - 13,586 miles driven, 2,731 tons of salt used, 59,123 gallons of brine/blend, 1,280-man hours).

**Insight Pipe Contractors** LaPorte Ct. storm sewer jet cleaned and video inspected for engineering.

**Salt Brine Plant** Worked with Cargill to repair salt brine plant and put back in service.

**Water Leak Repairs** Assisted with the Utility dept on several water leaks.

**2025 Resurfacing Program** Reviewing the roads for inclusion in the 2025 paving program.

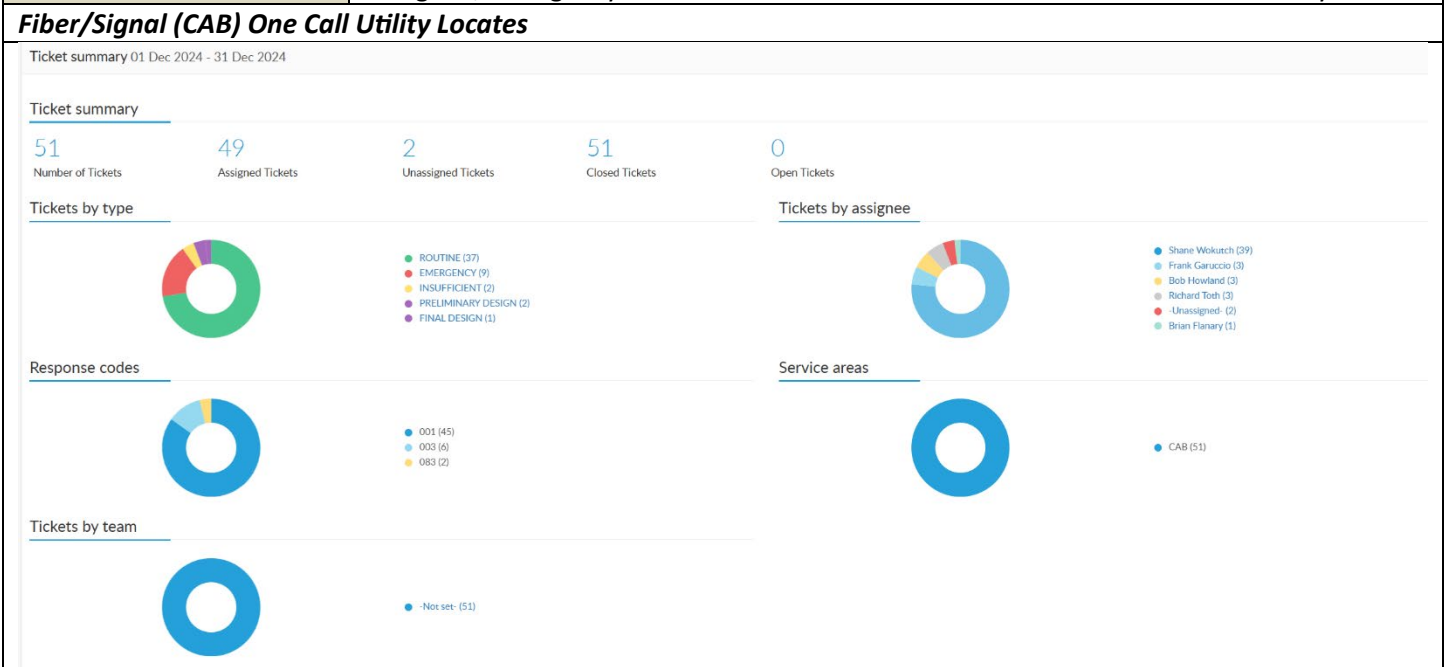
**Pothole Maintenance** Filled potholes on Mars Rd, Hillmont Drive, Cranberry Woods Drive, Old Freedom, and various other roads as needed.

#### Fleet Maintenance (Scheduled)

1629 Peterbilt	Replaced bad driveline carrier bearing, replaced leaking plow lift cylinder and right rear maxi-can for brakes.
1626 Peterbilt	Replaced rear hydraulic couplers and lines.
1640 Mack	Required wing plow light.
1641 Peterbilt	Replaced blown salt brine hose.
1627 Peterbilt	Repaired hydraulic leak at valve body and replaced snowplow leg assembly.
1642 Peterbilt	Replaced blown salt brine hose.
Bobcat E-55 excavator	Replaced bucket truck teeth.

Fleet continued			
1720 Ford F350		Replaced utility box lighting.	
1714 Ford F350		Replaced inverter with larger one.	
Case Loader #1		Repaired leaking rim seal on back wheel.	
PD805 Charger		Repaired antifreeze leak.	
PD807 Charger		Replaced all 4 tires.	
51-3 EMS Ambulance		Replaced front tires.	
FD Engine 21-2		Ran engine codes, performed parked regen on emission.	
Preventive Maintenance Program		State Inspections	
Cars	22	Cars & Trucks	2
Trucks and Equipment	13	Trailers	0

TRAFFIC, COMMUNICATION & SIGNS	
Winter Road Maintenance	Traffic division performing winter maintenance most of January.
Freedom Road Build II	Attending meetings. Work has paused for the winter.
New Signals	Traffic Control and Engineering scheduled Rt. 19 & Short Street traffic signal for turn on February 5 <sup>th</sup> . Weather permitting.
Clubhouse	Completing IT work orders.
Lighting	LED light fixture upgrades at Graham Park.
Temp Radar Signs	Relocated temporary radar speed signs as requested.
Emergency Repairs	Replaced bad pedestrian push buttons at three intersections. Crosswalks stuck in call cause traffic delays.
Sign Maintenance	Several sign repairs due to snowy road conditions.
Signal Maintenance	Cleaning salt covered detection and PTZ cameras as needed.
PA One Call	Design: 3, Emergency: 9. Staff have resolved a total of 51 tickets in the last 30 days.



FACILITIES	
<b>Municipal Building</b>	Winter Maintenance. Replace gas valve and ignition control board in RTU 11. Remove Christmas decorations inside the building. Generator PM.
<b>Public Works</b>	Winter Maintenance. Replace pump and motor in boiler plant for in floor heat. Generator PM.
<b>Haine Station</b>	Winter Maintenance. Generator PM.
<b>Park Station</b>	Winter Maintenance. Install new thermostat in day room. Repair generator transfer switch. Generator PM.
<b>PSTC</b>	Winter Maintenance. Generator PM. Change battery on generator.
<b>EMS Station</b>	Winter Maintenance.
<b>Graham Park</b>	Winter maintenance at pickleball. Monitor pickleball dome for pressure and temperature.
<b>Brush Creek Treatment Plant</b>	Change bearings in dewatering RTU. Change inducer motor in Maintenance garage.

GROUNDS	
<b>Winter Maintenance</b>	Staff have been busy on their snow routes. Grounds staff have been working with the golf course staff to keep park trails clean after snowstorms.
<b>All Parks</b>	Staff checking restroom facilities daily to ensure that the heat is on and there are no water leaks. The grounds staff cleaning and organizing maintenance garages.
<b>Graham Park</b>	The electricians have been working with Graham grounds staff to install new LED fixtures in the park facilities.
SPECIAL PROJECTS	
<b>Fall Auction</b>	Completed pickups; summary sent to BOS.
<b>Fleet Asset</b>	Fleet work orders, Munis PM's, recalls.
<b>Winter Maintenance</b>	Winter Maintenance Driver Logs & spreadsheet.
<b>2025 Projects</b>	Working on project scheduling for 2025.
<b>Snow Angels</b>	32 matches made. 43 Requestees unmatched needing volunteers.