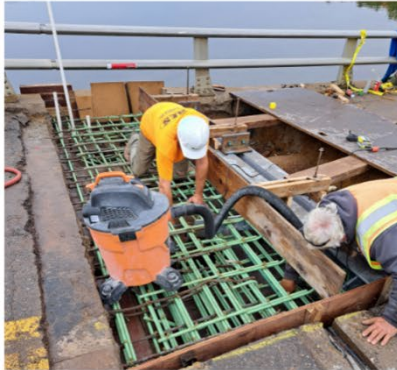


PUBLIC WORKS DEPARTMENT 2022 ANNUAL REPORT

The Gilford Public Works Department had another full year of activities and work in 2022. As usual we had several successful community events and also welcomed a Gilford High School student to participate in a civil engineer internship at DPW which was a fun and rewarding experience. DPW administrated and executed over \$1.8M in road projects this year including a combination of paving, SAM sealing, reclamation and significant drainage work on 37 roads.



The much needed Governors Island Bridge expansion joints were replaced late fall and repair work on the concrete bridge abutments was started. Tannery Bridge was removed off of the failing west abutment for safety reasons. Over the winter the abutment will be dismantled and rebuilt with proper wingwalls and drainage to reduce future erosion and scouring. The bridge will be moved back into place this spring once construction is completed so that residents and visitors alike can start enjoying the beauty of the bridge again.

More exciting changes occurred at the Gilford Solid Waste Center (GSWC) in 2022 including the addition of a new swap shop shed and a foam densifier made possible thru a \$50,000 grant from the Food Packaging Institute. DPW will not only collect from Gilford residents, but will offer acceptance of foam from other community collection events. This is a joint project with New England Rotary Clubs and we are excited to see how much it grows over the next year.



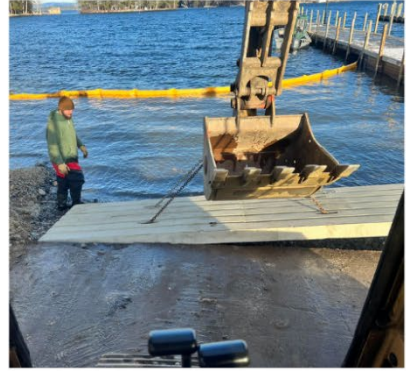
Many other municipalities who are in the planning stages of a new solid waste center continue to visit our facility to see the layout and services we offer our residents. Over the summer we had one tour with close to 50 employees in the solid waste industry from NHDES, local municipalities and staff at Northeast Resource Recovery Association who organized the bus tour. We are happy to report that Gilford residents recycled 265 tons bringing in just over \$35,000 in revenue which helped to offset operating costs at the GSWC. Please remember that recycling is mandatory and does not take much effort once you get into a rhythm and print our helpful recycling brochures. As always for more info on "Recycling Right", please visit www.gilfordnh.org/recycleright or call us!

The Highway crew started out this spring with tons of annual maintenance work such as ditching roads, cleaning of catch basins, sweeping and mowing. We repaired the beach parking lot by hauling in and placing 42 loads of reclaim and built a new access road and parking area off Belknap Mountain Road for the Conservation Commission. Over the summer our crew located and repaired a broken water line in the Police Station parking lot. We worked with the NH Department of Corrections to complete cleanup work around the tennis courts. We built a new mulch berm at the bottom of the sledding hill and a new turn around at the Varney Right Pump Station.



Our crews received several trainings this year in winter maintenance and safety, vaccon training and culvert maintainer classes. In the fall we sprayed invasive knotweed locations around town for the 2nd year in a row and spent several weeks cleaning up leaves in ditchlines to reduce clogging. Unfortunately the late December heavy rain event still caused significant damage and washouts all over town due to frozen snowbanks and culverts clogging. Crews have been actively working on repairs since before Christmas and will continue to complete all cleanup work in between winter weather events. There were countless tree that fell during the storm which will require major cleanup efforts by DPW crews.

The small but dedicated Building and Grounds crew remained short staffed through most of 2022 and worked hard to keep up with all normal cleaning duties, voting setups and breakdowns, spring grounds cleanup, summer flowers and upkeep of th Glendale comfort station, winter walkway maintenance and holiday decorations in addition to several projects this year.



This year's improvements and contracted projects included installation of new composite decking at the Bandstand, opening up the Town's Clerk's office wall for better service, increased storage for the Town Hall maintenance, new epoxy floor in the Police Station, new carpet and paint in DPLU, Library garage mold remediation, new life guard chairs at the Town Beach, refinishing of 3 Library built-in benches. At the end of the year, Marine Solutions and Lake Life Services completed several dock repairs and the removal and installation of a new jet ski ramp.

The Fleet Maintenance Division spent the spring through fall off-season not only performing 333 preventative maintenance and repairs orders on Town vehicles and equipment but, also preparing winter equipment for the 2022-2023 snow season. All sanders are now successfully outfitted with pre-wet systems which allow de-icing at lower temperatures and aids in the reduction of overall salt usage. Stainless steel oil pans and coolant tubes were installed on all of the Mack dump trucks since the factory installed ones were only providing a maximum two year service life. This will aid in less downtime of the equipment as well as repetitive costly repairs.



Police vehicles were swapped over to all-season tires rather than switching from snow tires to summer tires. This should reduce tire costs and time spent swapping them over every season. The new vactor trailer arrived in February and all staff received training in early spring. This piece of equipment is used to clean catch basins and flush out culvert pipes to reduce blockages and backups. The Sewer Department received a F-250 Utility truck and a 14ft. tilt deck trailer was put into service to replace the 40 year old equipment trailer. A high top Transit Van for the Building & Grounds Department is still in the process of being built and awaiting delivery. Special thanks to the fleet maintenance staff for

stepping up each winter to plow when the highway division is short staffed and help train our new drivers on their routes.

The Sewer Department has been busy this year with permitting and site inspections of several new businesses in town such as Clear Choice, Michaels, Starbucks, and Rt. 11 Storage. Over 700 dig safe requests and 200 work orders were completed this year. This spring, a pile of broken meters and readers were disassembled for scrap metal and brought \$2,200 in revenue. In June, a new sewer service truck was put into service.



During the annual sewer line camera inspections, a failure was found at the intersection of Bedford Ave and Gilford Ave, requiring a 9-foot deep point-repair. Also a sewer was found backing-up in manholes during the Liscomb Circle reclamation project. Bellemore Services was contacted to clean and jet between the three manholes and clear the lines. Updates to both the Sewer Use Ordinance (SUO) and the Capacity, Management Operations and Maintenance Plan (CMOM) were completed in 2022 as well.

The late December rain/snow storm just before Christmas caused several issues at the pump stations. A total of 102 pump alarm calls were received due to no power and cold temperatures in the stations over Christmas Eve and Day. After losing power at the pump stations, the generators turned on which automatically opened the vents. With vents open during the winter, the stations interior temp dropped to approx. 11 degrees so, our sewer technician Kevin Carlisle was jumping between pump stations keeping space heaters and generators running as needed until the power was restored.

All of this great work would not be possible without the hard work and dedication of the DPW staff throughout the year. We have an amazing crew at the Public Works Department and I am proud to lead this team with my administrative staff! Welcome to our new 2022 team members; Alex Szarka, Cordell Summers, Marilyn Welcome, Liam Riley and Cassandra Weeks

Sincerely,
Meghan Theriault, P.E.
Director of Public Works