

Submitted by: Dean Lessard, P.E.

Despite the challenges that persisted with the COVID pandemic in 2021, the York Department of Public Works continued to provide the premium level of quality work expected by the residents of the York community. From Capital Projects like the Seawall Construction and Nubble Road sidewalk and drainage project to road maintenance, snow removal and management of the recycling facility, the Department of Public Works is an active and attentive service provider that is always ready to answer the call. We take great pride in the work we do and work hard to keep York clean, safe and support the community quickly and efficiently.



**Dean A. Lessard, P.E**  
Director of Public Works

Capital Projects	Status of Projects
<p><b>2021</b> DPW Seawall (Phase 3) South of Bath House to Sun-n-Surf Restaurant</p>	<p>In Progress - This project involves modification of the existing seawall at Long Sand Beach. The area of modification is within the footprint of the existing seawall located between the beach and Long Beach Avenue (U.S. Route. 1A) extending south from the Cutty Sark Motel to just north of the Little River Bridge on Long Beach Avenue. The project involves modifying the geometry of the existing structure to enhance hydraulic roughness and wave energy dissipation, and so to reduce potential damage to the coastal dune system, wildlife habitat, and adjacent properties.</p>
<p><b>2021</b> DPW Nubble Rd</p>	<p>In Progress - This is a joint project between the Department of Public Works, the Water District and the Sewer District. The project involves removing &amp; replacing all undersized/failing road culverts and installing a new closed drainage system with underdrain and catch basins on the southeast side of the road by York Public Works crews. Approximately 900' of the existing pavement surface will be reclaimed where needed by a contractor. Gravel will be added where necessary to the reclaim process to improve the structure of the road base. The new base will be graded by York Public Works crews and the road will be shimmed and base paved by the Town's paving contractor. Public works crews will clean out the existing open drainage ditches along the road. Slip form concrete curb will be placed and a new pedestrian sidewalk will be constructed adjacent to the new curb. Finally, surface pavement will be placed by the Town's paving contractor and gravel shoulders and landscaping will be completed by Public Works Crews. Other items include 900 feet of water main replacement, 200 feet of sewer main replacement, utility poles being relocated and electrical power upgrades from single phase to three phase.</p>
<p><b>2021</b> Town-wide LED Street Light Project</p>	<p>Completed - Purchase of CMP overhead street lights and conversion to LED fixtures.</p>



Town of York Solid Waste & Recycling Report (by tons)					
Month	Waste Collected Curbside	Percentage Waste Collected Curbside	Recycling Collected Curbside	Percentage Recycling Collected Curbside	Total Tons
January	372.77	79.35%	97	20.64%	469.77
February	322.71	80.66%	77.33	19.33%	400.04
March	399.95	81.37%	91.53	18.62%	491.48
April	453.42	81.76%	101.10	18.23%	554.52
May	454.69	81.73%	101.59	18.26%	556.28
June	515.51	80.17%	109.31	17.49%	624.82
July	641.68	82.44%	136.66	17.55%	778.34
August	581.50	82.90%	119.92	17.09%	701.42
September	525.05	82.45%	111.71	17.54%	636.76
October	433.40	82.25%	93.47	17.74%	526.87
November	451.34	82.63%	94.86	17.36%	546.20
December	442.76	80.09%	110.04	19.90%	552.80
<b>2021 Total Tons</b>	<b>5,594.78</b>	<b>81.09%</b>	<b>1,244.52</b>	<b>18.19%</b>	<b>6,839.3</b>

Casella has been great to work with as they are very attentive and solve problems quickly and efficiently. There is way more communication than we ever had with Waste Management



## Recycling / Solid Waste

- This past year we have been working on educating York Residents on the do's and don'ts of Recycling. We have partnered with Recycle Coach to help York residents better understand recycling in the town of York.
- There were **1,970 transfer station permits** issued in 2021
- Universal Waste collected in 2021 from this End of Year Report by North Coast Services:
  - Total Fluorescent Lamps - 1,436
  - Total Batteries - 229 lbs
  - CPU and Laptop Recycling – 4553 lbs.
  - Monitor recycling – 3364 lbs.
  - Printers – 3948 lbs.
  - Televisions – 35,202 lbs.
  - Mercury Containing Devices – 7 lbs.
  - Misc. Electronics – 3354 lbs.
  - Non-PCB Ballast recycling – 360
  - Non-PCB Capacitors - 1
  - PCB Ballast recycling – 60
  - Smoke Detectors – 98



## Vehicles & Equipment

- New purchases
  - Bobcat T76 Compact Track Loader with Bucket, Forks, Grader, Grapple
  - Trackless Sidewalk Tractor with plow and snowblower
  - Ford F350 Crew Cab Pickup with Service Body and plow
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## Road & Sidewalk Paving Projects

- Our paving contractor Libby Scott - applied a total of approximately **28,112 feet of paved roads in total**. The street paving crew worked in York 45 full days and 10 partial days.
- **14, 313.04 tons of hot mix asphalt was placed on the following streets:**
  - Jeffrey Drive from Southside Road to Cul-de-sac (2,466 feet)
  - Hickory Lane from Old Mast Road to Cul-de-sac (946 feet)
  - Deacon Drive from Payne Road to Cul-de-sac (925 feet)
  - Braveboat Harbor Road from Raynes Neck Road to High Rock Road (1,907 feet)
  - Sea Trumpet from York Street to Cul-de-sac (571 feet)
  - Payne Road from Route 103 to Kittery Line (331 feet)
  - Pine Hill Road from Ledge View to Route 1 (5,082 feet). Pine Hill North Rd from Pine Hill South Rd to Ogunquit Town Line (2,058 feet)
  - Braveboat Harbor Road from High Rock Road to Route 103S (1,810 feet). Braveboat Harbor Road from West Point Road to Raynes Neck Road (746 feet). Braveboat Harbor Road from Route 103 N to West Point Road (481 feet)
  - Broadway Avenue from 182' E Airport Drive E to Willow Avenue (235 feet)
  - Ferry Lane S from Route 1 to Dead End (1,787 feet)
  - Scituate Road from Chases Pond Road S to Bog Road (2,642 feet)
  - Snowdown Ridge Road from Chases Pond Road to Cul-de-sac (1,434 feet)
  - Prebble Lane from Old East Scituate to Dead End (1,200 feet)
  - Elm Drive from Long Sands Road to Dead End (476 feet)
  - Axholme Road from Woodbridge Road to York Street (1,132 feet)
  - Long Beach Avenue from Juniper Road to Oceanside Avenue (1,529 feet)
  - Willow Avenue from Ocean Ave Ext. to Broadway Avenue (354 feet)



## Road Striping & Pavement Marking

- Every spring we hire a contractor to do our road striping. In 2021, they painted the following:
  - 329,473 linear feet of 4" double yellow centerline
  - 283,102 linear feet of 4" white edge line
  - 881 linear feet of 24" white
  - 138 directional arrows
  - 200 linear feet of crosswalk



## Crack Seal

- Roads that received Crack Seal maintenance in 2021:
 

○ Route 1 to Clark Road	710 feet
○ Winterbrook Drive to cul de sac	305 feet
○ Organug Road to Mallard Drive	390 feet
○ Mallard Drive E to Mallard Drive W	1,495 feet
○ Winterbrook Drive E to Winterbrook Drive W	1,965 feet
○ Organug Road to end of public way	500 feet
○ Route 103 to Seawall's Bridge	5,092 feet
○ Braveboat Harbor to end	1,948 feet
○ Western Point Road to end	2,450 feet
○ Raynes Neck Road to Godfrey Cove	1,417 feet
○ Raynes Neck Road to end	3,538 feet
○ Godfrey Cove to Gardner Circle	2,090 feet
○ Braveboat Harbor to end of paved road	1,970 feet
○ Cider Hill Road to Eliot Town Line	3,802 feet
○ Beech Ridge Road to cul de sac	1,295 feet
○ Woodside Meadow to Woodside Meadow	4,606 feet
○ Snaphook to Jeffrey Drive	1,285 feet
○ Woodside Meadow to end	706 feet
○ Riverside Meadow to end	716 feet
○ Southside Road to end	564 feet
○ Route 1 to Snaphook	1,872 feet
○ Pine Ridge Loop to cul de sac	2,671 feet



## Qalert Service Requests

- Our Qalert software program tracks all different types of service requests from residents throughout the year.
  - Potholes, street signs, trash issues to name a few.
  - Last year, we entered **1093 total requests** into the program.
  - The majority of the requests were potholes/sinkholes, with the second-highest request being Dig safes.

2021 Service Requests	
Request Type	Total
Pothole/Sinkhole	54
Dig Safe	42
Dangerous / Dead Tree	32
Roadside Mowing	23
Pavement Damage	22
Roadside Signs Missing/Damaged	22
Bulk Item Pick Up	19
Storm Water Drainage Issue	16
Gravel Shoulder Damage/Erosion/Washed Out	15
Blocked Culvert	13
Apron Curb Damage	11
Trimming Request	11
Culvert Replacement	8
Ditch Clearing Erosion	8
Tree Debris Cleanup	7
Obstruction Right of Way	6
Debris in Road	6
Catch Basin Clearing	5
Pavement Markings	4
Gravel Road Grading	3
Frost heaves	3



## Plowing & Winter Maintenance

- Throughout 2021, the department worked 24 separate ice and snow events.
- We had a few breakdowns on our snow-removing equipment. Thankfully- Matt Gray- Fleet Supervisor was able to piece them all back to working order.
- During this same time we **purchased 3,669 tons of salt.**



## Storm Water / Drainage / MS4

- Last fall, we contracted Wind River Environmental to Vac clean all the Catch Basins in town.
- 368 Catch Basins were cleaned in 2021
- In the fall of 2020, the third-party cleaner cleaned 239 of the basins. The remainder did not require cleaning. No basins had excess sediment this year, and the basins with excess sediment last year were inspected again in PY8. The PY8 cleaning resulted in removal of approximately 84 cy of sediment removed. This material will be used beneficially as road fill if needed.



## Communications *(with analytics)*

- Recycle Coach 2021 statistics
  - **2,643 users** (1,471 of which used their desktop)
  - 236 people who are signed up for notifications and reminders
  - 69 PDF Downloads
  - 49 PDF Subscribers
- Our Facebook page and posts **reached 17,048 people** in 2021. This is a 695.1% increase. This number includes people who saw any content from our Page including posts and social information from people who interacted with our Page. Reach may include multiple views of your posts by the same people. This metric is estimated.
- We had 1,633 people visit our Facebook page which is 60.6% higher.
- Our Facebook page had **236 new followers**, a 47.5% increase.



## Building / Facilities

- Recycling Facility
  - Stage one on repointing the brick building at the Witchtrot Recycling Facility completed. Project to include repainting, new siding and trim.
  - New 1000 gallon waste oil tank installed
  - Removed an old building that housed tanks and constructed a new building to keep the new tanks protected from the elements.
- 810 US RT1 Projects
  - Two new garage door openers installed with four more on order that should be installed in late June.
  - Installation of new windows above garage
  - Sign building repainted
- Beach Garage Projects
  - Interior of facility repainted
  - Removal of old sign room from facility
  - Installed new garage door and opener
  - New trim installed around garage doors



## Employees

- These employees celebrated the following anniversaries:
  - Allen Covel, Crew Leader – 37 years
  - Tim Deperrio, Foreman – 28 years
  - James Dube, Equipment Operator – 18 years
  - Randolph Earle, Equipment Operator – 37 years
  - Matt Gray, Fleet Supervisor – 10 years
  - Elizabeth Hayden, Administrative Assistant – 13 years
  - Mike Hodgkin, Equipment Operator – 6 years
  - Jeff Hyotte, Crew Leader – 17 years
  - Greg Kasbohm, Grader Operator – 8 years
  - Dan Kingsbury, Equipment Operator – 19 years
  - Dean Lessard, Director – 14 years
  - Kevin Lewis, Equipment Operator – 25 years
  - Jon McIntire, Equipment Operator – 10 years
  - Dana Moulton, Landfill Supervisor – 17 years
  - Eddie Prior, Equipment Operator – 1 year
  - Jon Woodward, Equipment Operator – 21 years
  - Tony York, Equipment Operator – 3 years