



City of Kingston

Department of Public Works

Annual Report

2019



Edward Norman, Superintendent

Ryan M. Coon, Deputy Superintendent

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Mowing on Dock Street



Sewer Repair on Foxhall Avenue



Paving on Wilbur Avenue



Patching on Hasbrouck Avenue

Department: Public Works

Staff: 57 Full-time, 3 Part-time

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2019 Budget: **Public Works:** \$ 6,516,317 **Sewer:** \$5,325,186

Department Functions

The City of Kingston Department of Public Works is headed by the Superintendent of Public Works, who oversees a workforce of approximately 60 persons. The Department is divided into eight primary divisions.

1. **Public Works Administration** ensures the safe and smooth operation of its various divisions. It plans, budgets and coordinates projects with other City Departments and sections. All excavation permits, sidewalk permits, curb cut permits and work orders are issued through this division.
2. **Safety Division** is responsible for developing safety and health programs. It provides training of all programs to ensure all City employees have the skills and information to successfully protect themselves and the general public.
3. **Street Division** is responsible for traffic control, street paving and repair, painting, striping, signage along with sidewalk and curb installation.
4. **Sewer Maintenance Division** ensures sewer mains remain in proper working order through our preventive maintenance program. This consists of routine cleaning of all public sewer mains in which an obstruction may occur. They are responsible for installation and repair of all manholes, catch basins and sewer mains.
5. **Sanitation** encompasses City of Kingston solid waste, yard waste and recycling collection services. It plans, implements, coordinates and directs programs for the collection of trash and recycling material in compliance with all regulations.
6. **Waste Water Treatment Division** is in operation to protect public health and to ensure minimal impact on aquatic environment through collection and treatment of waste water within our regional area. The facility crew operates and maintains the collection and treatment systems.
7. **Fleet Maintenance Division** maintains, repairs and services all vehicles and equipment owned and operated by the City of Kingston.
8. **Park Maintenance Division** assists the Parks & Recreation Department with on-going maintenance and development of the City parks, streetscapes and athletic complexes throughout the City of Kingston.

Mission Statement

The Department of Public Works is committed to providing a safe and healthful environment for all employees, residents and visitors of our City. Our goal is to put into practice and maintain DPW Safety Rules and Established Procedures, promoting safety awareness and safe work practices for all City Departments and employees while performing our duties maintaining the infrastructure of the City of Kingston. Ensure compliance with all Federal, State and City regulations to reduce and prevent accidents, injuries and illnesses to all. This will be accomplished through Employee and Community involvement at all levels of the city, which is critical to be successful in this effort. Through our combined efforts the City of Kingston will be a safe and healthy place for employees to work, residents to live and visitors to enjoy.

2019 Accomplishments

STREETS/SEWER

- Paved 27 Streets, 12,238 tons of blacktop were placed
- 36 ADA corners were completed
- Cleaned approximately 160 catch basins
- Approximately 126 catch basins were repaired/replaced
- Replaced approximately 106 manholes
- Jet-rodded storm and sanitary sewer pipes. This work included routine maintenance of known hotspots. Additionally, the sewer department responds to blockages and jet rods the main line accordingly. Approximately 27 miles of sewer were rodded.
- Cleaned sewer pump stations multiple times and locations
- Responded to 1,973 utility mark outs to identify and locate City owned utilities in vicinity of excavations in response to Dig Safe NY (811)
- Swept all city streets 6 times, some streets swept more based on need
- Washington Avenue sewer repair
- Janet Street & Emerson Street sewer repairs
- Two sewer repairs on Foxhall Avenue
- Completed transition to dual stream recycling, 6500 cardboard/paper recycle totes were distributed, black lids changed to blue lids for commingled recycling and is 98% complete

SANITATION

- Recycled over 1,570 tons– see appendix A
- Collected over 7,400 tons of refuse City wide – see appendix B
- Additionally, the following items were collected roadside
 - 286 pieces of furniture (couches, chairs, desks, etc.)
 - 112 mattresses/box springs
 - 16 tires
 - 64 electronic goods
 - 36 white goods (stoves, microwave, etc.)

Violations

- \$49,422 billed
- \$10,508 collected
- \$6,211 voided
- \$17,308 unpaid
- \$15,395 re-levy

- Transfer Station is operated Friday and Saturday throughout the year. Items collected include tires, furniture, electronics (computers, printers, TVs, monitors, stereos etc.), wood, yard waste, recyclables, refuse, metal and white goods (refrigerators, washers, dryers, microwaves, etc.)

SNOW AND ICE REMOVAL

- Public works responded to 12 winter storms in 2019. There were 7 snow storms with accumulations in excess of three inches.
- 2,135 tons of salt was purchased

CONSTRUCTION MANAGEMENT AND CONSTRUCTION SUPPORT

2019 Developments

- The Department Superintendent, Edward Norman, and Deputy Superintendent, Ryan Coon, have been working closely with the City's Engineering Department to move City projects forward by utilizing City employees and equipment. This is helping to save the taxpayers money in emergency engineering and repair costs
- The City has completed our Jacob's Valley Storm Sewer Improvement project. This completed effort of storm sewer pipeline replacement as well as lining of existing drainage pipe in an effort to reduce the flooding in the Broadway (CSX overpass), YMCA, and Summer Street locations. Streets affected included Pine Grove Avenue, Susan and Summer Streets, as well as South Sterling Street. Replacement included construction of the downstream connection point located in the Wiltwyck Cemetery and the length passing through the CSX-owned landfill area. The street construction work started this past summer and finished in November.

2020 Goals

- Paving Plan – We are aiming to pave +/- 15 streets (mill & pave), installing +/- 7,000 tons of blacktop and repair or replace storm and sanitary structures.
- Design and utilize a pavement management system.
- Sanitary sewer repairs – address known problems in the mid-town and up-town areas in preparation of paving.
- Storm water system installation on Wilbur Avenue in preparation of paving project (install several drainage structures and pipe).
- Roosevelt Avenue Storm water drainage system – install structures and pipe.
- Work with Engineering Department to survey conditions of sanitary and storm sewers on Broadway in advance of the Broadway Streetscape Project.
- Mobilize to replace all city owned street lights to energy saving LEDs starting in January 2020. (Mobilization in progress).
- The Greenkill Avenue Storm and Sanitary Sewer Replacement Project is planning to start at the intersection of Prospect Street and extend upstream in a northeasterly direction approximately 1,400 feet prior to the overpass at Broadway. The project will include replacing the existing 20” diameter storm sewer with a 24” diameter plastic (HDPE) pipe. The storm sewer replacement will include approximately 6 new manholes and 18 new catch basins. The project will also include replacing the existing sanitary sewer pipe with a 15” diameter PVC pipe. The sanitary sewer replacement will include approximately 6 new manholes and 22 new lateral connections and is in its final planning stages.