



Public Works Overview

Roselle's Department of Public Works consists of 27 employees who strive to enhance the quality of life for those who reside in, work in, and visit the Village of Roselle. Our Department provides services and programs within, but not limited to, the following areas:

- Resident inquiries and customer service requests;
- Water distribution system;
- Sanitary sewer and storm water collection/conveyance systems;
- Public streets and sidewalks;
- Street lighting, street signs and traffic controls;
- Parkway tree population (planting, trimming, treatment, and removals);
- Snow and ice control operations;
- Management (maintenance and repair) of the municipal fleet;
- Street maintenance and improvement programs;
- Municipal buildings, grounds and commuter parking lots; and
- Emergency response services

Public Works Facts

The table below includes some of the assets in the community that are maintained by the Public Works Department.

• Buildings	21	• Trees	6,477
• Fleet Units	90	• Water Distribution Miles	106
• Roadway Miles	75	• Water Elevated Tanks	2
• Salt Dome	1	• Water Emergency Interconnections (Schaumburg, Hanover Park, Elk Grove Village)	3
• Wastewater Treatment Plant	2	• Water Fire Hydrants	1361
• Lift Stations	11	• Water Ground Storage Reservoir	1
• Sanitary Sewer Miles	88	• Water Meters	8380
• Storm Sewer Miles	72	• Water Valves	1415
• Storm Sewer Structures	5,600	• Water Pressure Stations	3
• Street Lights	861	• Water Booster Pumping Station	1
• Train Station	1	• Wetland, Stormwater Detention & Retention Areas	12

Flood Insurance Rate Map (FIRM) Updates

DuPage County is in the process of updating the FIRM maps for Roselle and all of DuPage County. The Village will be required to adopt the new maps by August 1, 2019. For additional information regarding these updates please visit: <http://www.roselle.il.us/760/Floodplain-Re-Mapping-Information>.

Roadway Condition Analysis

In 2018, the Village was successful in acquiring a CMAP grant for the completion of a new pavement condition evaluation of the Villages 75 miles of roadways. The evaluation will be completed in 2019 and the information will be used as a tool for selecting future maintenance, resurfacing and reconstruction needs.

2019 Project Highlights

Construction Updates – Updates on the Village's construction projects can be found online at www.roselle.il.us/358/Construction-Updates.

Street Improvement Program (SIP) – The SIP involves the maintenance and improvements of local streets. It includes projects such as roadway resurfacing/reconstruction and maintenance projects such as pavement patching, pavement rejuvenation and pavement markings. The improvements to the street locations shown on the map will include repairs to sidewalks/curbs and the removal/replacement of the pavement surface to provide for a smooth driving surface. **Cost: \$755,000**

Sidewalk & Curb Program – This annual program includes replacement of sidewalks addressing trip hazards throughout the Village in order to create a safer environment for pedestrians. **Cost: \$100,000**

Stormwater Management Program – The purpose of this program is to maintain and improve the Village's stormwater infrastructure. Improvements for 2019 include the lining of culverts under Central Avenue and miscellaneous storm sewer repairs. **Cost \$200,000**

Parkway Tree Planting – In 2018 the Village completed a Parkway Tree Planting Plan and the first year of the implementation begins in 2019 with approximately 93 trees proposed to be planted. **Cost: \$30,000**

Water and Wastewater Projects - The following projects are funded through the scheduled annual water and sewer rate increases from 2016 – 2020 and focuses on the replacement of the aging water and sewer infrastructure system.

Watermain Improvement Program – The watermain replacement locations for 2019 are shown on the map. The program is primarily focused on areas with older (50+ year old) water mains, typically cast iron, with a high break frequency. The new water mains are Polyvinyl Chloride (PVC), with an expected service life of 75 years or more. **Cost \$1.68 million.**

Combine Jewel/Ventura Lift Station & Relocate Generator – The Ventura lift station is being removed and bypassed through a gravity sewer to the Jewel lift station, and the Jewel lift station is being replaced with a modern facility. While most of the improvements are below ground, there will be a small building to house the back-up generator and control equipment. This project broke ground in September 2018 and is expected to be completed by mid-2019. The project is located in an easement behind the south property line of homes on Dee Lane between Cherry Street and E. Granville Avenue. **Cost: \$2.3 million**

Kennedy Lift Station Replacement – This lift station is located near the intersection of Nerge and Plum Grove Roads and was originally constructed in 1971. It is in poor condition and is scheduled to be replaced with a new submersible

pump lift station. A permanent generator will be installed to provide increased reliability at this station. Work is scheduled to begin in early 2019 with completion anticipated in early 2020. **Cost: \$1.8 million**

Botterman Wastewater Reclamation Facility Digester Addition & Belt Filter Press – The two existing digesters at the Botterman facility had insufficient volume to handle incoming sludge. The addition of one new additional digester tank will handle sludge volume, help facility operations to comply with state and federal regulations (and avoid fines), and eliminate the potential for odors from poorly digested sludge. Additionally, the 20+ year old sludge belt filter press and feed pumps at the Botterman facility required replacement. Work began on these projects in May 2018 with completion anticipated in early 2019. The Jerry A. Botterman Wastewater Reclamation Facility is located at 1351 Central Ave. **Cost: \$2.1 million**

Devlin Wastewater Reclamation Facility Influent Pump Station and Screening – A new combined influent pump station will replace two separate lift stations that currently have undersized pumps that are insufficient at handling influent flows to the plant. The new station will use submersible pumps that are better designed for maximum flow to the plant and will reduce clogging with better screening. This will improve efficiency of facility operations and reduce sewer surcharging in the vicinity of the plant. This work will be bid out and initiated in 2019 with completion anticipated in 2020. The Joseph L. Devlin Wastewater Reclamation Facility is located at 720 Rush St. **Cost Estimate: \$10 million**

Yard Flooding Assistance Program

The Village of Roselle developed this cost sharing program to assist property owners that have experienced yard flooding problems. Participation in this program is based on a first come first serve basis and is subject to available funding. Details regarding this program can be found on the Villages Website at www.roselle.il.us/736/Yard-Flooding-Assistance-Program or contact the Public Works Department.

Backflow Prevention Program

The Village of Roselle developed a program designed to provide financial and technical assistance to homeowners for the installation of some form of backflow prevention. The purpose of the program is to offset a portion of the expenses that homeowners may incur to improve the homeowner's sanitary sewer system such that sewage cannot backflow into the basement when the Village's sanitary sewer system is pressurized. Details regarding this program can be found at www.roselle.il.us/657/Backflow-Prevention-Program or contact the Public Works Department.

Contact Us

Did you know you can report items of concern or requests online through our Report a Public Works Concern Form at www.roselle.il.us/FormCenter? From reporting potholes for repair and street light outages, to requesting a parkway tree inspection, the form has over 20 categories of services to choose from. The form allows for the uploading of photos from computers and smart phones to accompany the request.

All concerns or requests related to snow can be reported online through our Snow Plow Condition Report Form at www.roselle.il.us/snowplow

Roselle Public Works (630) 980-2020