



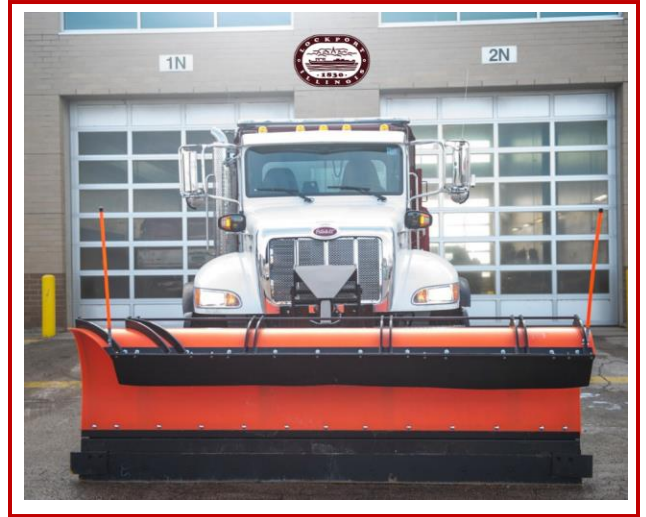
Weekly Reader

Public Works & Engineering Department

January 6, 2023

Department Updates

The **Street Department** is ringing in 2023 with a top notch fleet! The elements take a toll on our trucks and equipment each winter, so our **skilled mechanics and crew** spend plenty of time ahead of the season making sure the fleet is ready to go through it all again. These **preventative measures** include inspecting the plow blades, installing new snow plow shoes to **reduce wear and tear**, checking hydraulic fluid levels, tightening all mounting bolts and fasteners, and inspecting all welds to **ensure structural integrity**. In addition to inspecting these plow components, general **vehicle maintenance** is also performed on all of the trucks – brakes, oil, fluids, tires, batteries, fuses, belts, you name it – our mechanics made their to-do list and checked it twice. **We're ready for the New Year!**



Our **Water Department** has also been taking some preventative measures by executing its **annual city-wide leak detection program**. This program aims to detect leaks that have not yet surfaced. This is achieved by utilizing a **handheld acoustic listening device** consisting of an accelerometer, microphone, headphones, and a control unit. Each fire hydrant throughout the City is checked using the device. If a leak is heard, a **locating device** is used along the corresponding water main to **determine the exact location**. The leaks are then repaired which **stops the waste of water and subsequent erosion**.

Construction is in full swing for **Phase 1 of the STP Facility Improvement Project!** This includes upgrades to the **preliminary treatment system, excess flow treatment, and raw sewage pumping**. This has been a highly anticipated project, as it will **greatly improve our ability to process the raw wastewater more efficiently**.

Project Updates

- **Kelvin Grove Water Main Project**, which abandoned the rear yard water mains and moved them to the front yard, **is complete!** Over **2,600 feet of new water main** and **134 new residential water services** were installed. **55 new trees were planted** throughout the subdivision as part of the restorations.