



Weekly Reader

Public Works & Engineering Department

August 11, 2023

Department Updates

The **Street Department** has been utilizing their handy sewer camera to **televis**e storm structures throughout the City this week. The **sewer camera** was approved for purchase by City Council last year and has been employed numerous times to **identify issues within storm sewers and sanitary sewers**. Using a camera is a much **quicker and more efficient** way to inspect these structures as opposed to using a trial-and-error approach and digging out suspected problematic areas. Additionally, a new sewer camera is **more cost efficient** over time compared to the equipment, labor, materials, and time required for digs. Using the camera is also a **safer option** for employees as they do not have to enter confined spaces as often to do inspections. It has proven to be an **essential piece of equipment** as it has helped us **address issues with drainage, sinkholes, and/or clogs**.

The **Water Department** performed **flow testing at Lockport Township High School Central Campus**. Flow testing is done to simulate high flow conditions and **determine pressure and flow-producing capabilities** of the water distribution system. This process is **necessary to ensure the quality and flow** of the utilities are sufficient for **general water delivery** as well as **firefighting purposes**. Not sure if kids are ready for school, but our water system is!

Improvements continue at the **Sewer Treatment Plant!** STP is seeking approval from City Council for a Weir-Wolf **automated brush system** designed to **clean the weirs, baffles, effluent spillways and launders** of the wastewater **secondary clarifier**. The individual brushes are designed to make physical contact with all surfaces to be cleaned, even surfaces under water. By the brushes making physical contact with each surface, the **cleaning capability is more efficient** than with a hose or sprayer alone. This item was **included in the 2023 budget** and should **extend the life of the secondary clarifier** by enhancing its cleaning process.

Project Updates

- **16th St & Madison St Reconstruction Project** - 3 blocks and a couple intersections of pavement were replaced to meet quality standards required by the City. Roadway striping was performed, and traffic signs/posts are being replaced.
- **2023 Crack Filling Program** - Awarded to Denler, Inc. by City Council on August 2
- **2023 Pavement Marking Program** - Awarded to Precision Pavement Markings, Inc. by City Council on August 2
- **2023 Sidewalk Program** - All sidewalk in the program has been replaced! Clean-up and restorations begin Monday, August 14, weather-permitting.