



## WARRINGTON TOWNSHIP PUBLIC WORKS

### 2017 Annual Report

The Warrington Township Department of Public Works is dedicated to enhancing the quality of life in Warrington Township by providing the highest quality of services possible. While meeting these needs an emphasis on being fiscally responsible will be foremost.

Public Works is responsible for the maintenance of over 80 miles of Township Roads, Traffic Signs, Parks and Tot Lots, Storm Water Systems, Storm Water Catch Basins, Buildings and Facilities, the Mary Barness Pool facilities, as well as the Township's Fleet.

Warrington Township's mechanical shop's attention to detail and commitment to providing exceptional service has not diminished. Our Chief Mechanic John Gross was voted Warrington Township Employee of the Year for 2017. John services and repairs fleet vehicles for the Police Department, Township Administration, licenses and Inspections, Fire Marshal's office, Water and Sewer, as well as the Public Works Department fleet of trucks and equipment. An application to obtain a State Motor Vehicle Inspection Station License was submitted to the State of Pennsylvania. Public Works should be fully licensed to inspect all of the Townships fleet vehicles in 2018.

**Street and storm water maintenance continues to be a priority. Below is a partial list of what was accomplished during the 2017 year.**

- Barness Park storm water pipe repairs were completed. Flare ends were added for safety and the area graded.
- PECO walking trail crossover pipe repairs were made so that it could accommodate flood water without further erosion. Heavy equipment re-directed and cleared a direct ditch for rain water to continue on its path.
- Detweiler Road erosion control measures were corrected in order to direct rain water into the two concrete crossover pipes.
- Kelly Road Bridge Box Culvert project completed. Rip-Rap (large Stone) was added at the downstream end of the bridge to protect against scouring. The added stone will bring the streambed up to grade with the bridge floor.



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- Bradley Road Project: Dead Trees and vegetation on both sides of Bradley Road were removed. Trenching/Ditching of the road was completed. Three crossover pipes were placed across the Road for drainage. A DAS surface will be added this year.
- Neshaminy Gardens Drainage improvement project was completed. Additional drains and piping that was connected to an 18" stormwater main that will alleviate flooding in that area. This project was completed by Public Works at a savings of over \$6,000.00 for Warrington Township.
- Public works repaired and or replaced numerous c-top and m-top storm water collection tops throughout the township in 2017.
- A new M-Top stormwater Collection unit was installed at 3400/3410 Pickertown Road

### Special Projects

#### **Mary Barness Swim Club**

Public works installed a new Aqua Climb zip Line apparatus that became a fan favorite at the swim club. Personnel attended a two day certified aquatic facility operator course. This two day intensive class provided comprehensive and up-to-date training on the current and best practices in aquatic facility operations and management. This certification allowed Public Works to operate the day to day chemical chlorination of the pools at a considerable savings to the township.

#### **Renovations – Water and Sewer Offices – 3400 Pickertown Road Offices**

Public Works personnel completed extensive renovations of the former Water and Sewer Offices. This facility is now a residential rental property for the Township.

Renovations were also completed to the former Public Works offices at 3400 Pickertown Road. This office is now the new home of Warrington Township's Tax Collector.

#### **Public Works Yard Clean Up**

The entire rear yard area at 3410 Pickertown Road has been transformed into a clean and clear parking area. All of the scrap metal that accumulated over the many years was sold as scrap that generated \$3,256.00 in cash. Fencing all along the western border was also replaced.



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### **Lower Nike Park/John Paul Park**

In preparation of the construction of a new recreation area at the Twin oaks Park, Public Works stock piled 5,500 cubic yards of dirt that quickly turned into a mountain. Our department rented a D6 Caterpillar bulldozer to accomplish the job at a significant savings to the township.

### **Barness Park Entrance Construction**

Personnel constructed a new cement pork chop (concrete island) at the entrance to Barness Park. New and approved signage was placed at and beyond the entrance according to PennDOT specifications.

### **Police Locker Room Renovations**

Personnel dismantled the old police locker room to make way for a S.E.R.T. Team storage area. The new police locker room on the lower level was fully completed in 2017. New lockers were installed down stairs to accommodate the expanding police department.

### **Tot Lot and Township Parks Inspected**

Our Certified Park and Tot Lot personnel inspected all of the townships parks and playgrounds throughout the Township. Improvements as well as overall maintenance was performed during these inspections.

### **Palomino Streambed Project Fencing**

For security and safety reasons Public Works erected 900' of split rail fencing all along portions of the Palomino streambed embankment. Fencing was also placed at the headwalls for added safety.

### **Barness Park Projects**

- Fencing restorations were addressed throughout the facility.



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- Barnes Park walking trail at the western edge was graded to allow flood water to continue unobstructed
- Jack Toy baseball field netting was installed. A 90' x 15' net was placed along the western side of the field
- Roof top fencing was replaced on the Minor field batting box cage
- Eight dead Ash trees were cut down and removed.