



## WARRINGTON TOWNSHIP PUBLIC WORKS

### 2016 Annual Report

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 Facility Maintenance as well as Fleet Maintenance.

A great deal has been accomplished during the 2016 year. Warrington's mechanical shop continues to provide an exceptional service to Warrington Township. Our mechanics maintain a fleet in excess of 27 Police vehicles, 8 Administrative vehicles and of course our fleet of 23 trucks and an extensive assortment of light and heavy equipment. We also have assisted the Water and Sewer Department with emergency repairs. The abilities of our mechanics are excellent and have saved Warrington Township thousands and thousands of dollars by not outsourcing to outside vendors.

**Our commitment to provide tremendous street and storm water maintenance is a priority. Below is a partial list of what we have accomplished during 2016.**

- Stump Road storm water lateral pipe replacement.
- Truman Court 117 foot of storm water pipe extension to a stream.
- Bradford Road storm water pipe replacement of 580 foot of plastic pipe and the maintenance of three storm water inlets and the construction of a new concrete inlet m-top storm water collection unit.
- Jennings Road storm water ditching project which will alleviate street and neighborhood flooding.
- Pickertown Road storm water ditching and storm water pipe job and the placement of a concrete inlet m-top storm water collection unit.
- Upper State Road erosion prevention project. Installed a concrete inlet m-top storm water collection unit.
- Stump Road storm water ditching.
- Surry Road storm water ditching and soot and debris removal project.
- Kelly Road crossover pipes were completely blocked and were cleared of soot and debris.
- Bradley Road by Twin Oaks Park crossover pipe was cleared of soot and debris which will alleviate any flooding concerns.
- Detweiler Road stream bed improvements. Removed excessive soot and debris from the stream bed and cleared the two concrete crossover pipes. Gabions were added to direct water flow and stop erosion.
- A total of 14 concrete storm water sewer inlet c-top grates were replaced throughout the Township and countless others were repaired.



## WARRINGTON TOWNSHIP PUBLIC WORKS

- Kelly Road Bridge maintenance project. Public Works removed numerous trees and shrubs up and down stream to ease flooding concerns.

### **Environmental Clean Up**

Warrington Township in conjunction with the Bucks County Conservation District responded to Cindy Lane residents to remove an extensive trash dump site inside the woods edge. Various parts of motor vehicles, engine blocks, fenders, rear trans axels were a large part of the trash removal. Construction trash such as concrete, asphalt roof shingles, tires, aluminum and vinyl siding and an array of household trash was removed.

### **Warrington Township's Reforestation Efforts**

Public Works planted 58 trees throughout Warrington Township, and we assisted with the removal of 92 dead trees due to the Emerald Ash borer beetle.

### **Township Administration Projects Completed**

- A split rail Fence was installed all along the main driveway into the facility.
- New trash dumpster enclosure installed.
- Parking lot extension and blacktopping.
- An exterior door was installed on the police side of the building.
- Exterior stucco was repaired at various locations.
- Painted the hallway and large meeting room.
- Other interior construction work to secure the facility.

**Snow Storm Jonas.** This storm ranked 4<sup>th</sup> in the most powerful snow storm to hit this region in at least 60 years according to the National Oceanic and Atmospheric Administration. It certainly paralyzed Warrington Township and the surrounding communities. Warrington received approximately 22 to 23 inches of snow over that brief period of time. Public Works crews worked around the clock that weekend to clear the roads. Jonas was one of the Township's most costly snow storms to date.

### **Barnes Park Revitalization Project.**

- Replaced snack stand major support beams.
- Completed electrical work on the exterior snack stand lighting.
- Restructured a swale and established a berm on the back side of the swale to prevent flooding on Softball field B.



## WARRINGTON TOWNSHIP PUBLIC WORKS

- Replaced roofing on the snack stand and dugouts throughout the facility.
- Repaired water lines during the construction.
- Installed sod and a stone path.
- Blacktopped portions of the walking path.
- Repaired numerous sections of fencing throughout the park.