



Peters Township
A Home Rule Community

Public Works Department

2023 ANNUAL REPORT

Public Works Staff

Jared A. Scott
Public Works Director

Abe Soldati
Road Foreman

Grant Loether
Bldgs./Grounds Foreman

Jay Mizia
Park Maintenance
Supervisor

Kelly Recker
Admin. Assistant



<https://www.peterstownship.com/189/Public-Works>

2023 Annual Report Index

▪ From the Director	3	▪ Pipe Replacement	18
▪ Perk-E-Pave trail access	4	▪ Leaf Collection	19
▪ Bunker Hill pipe extension	5	▪ Vehicle & Equipment Maint/Repairs	20
▪ Sugarwood Dr pond rehab	6	▪ Landscaping & Restoration	21
▪ Mowing & Pond Maintenance	7	▪ Guiderail Repairs/Replacement	22
▪ Silver Level Certification	8	▪ Facilities Repairs	23
▪ Hazardous Tree Removal	9	▪ Public Works Renovation	24
▪ Redwood Dr concrete replacement	10	▪ Pavement Markings	25
▪ Asphalt Patching & Repair	11	▪ Replaced, Repaired, Installed Street Signs	26
▪ Statistics	12	▪ Accomplishments	27
▪ Base Repairs & Paving	13	▪ Safety Training	28
▪ Storm/Catch Basin Projects	14	▪ Yard Waste Program	29
▪ Storm Sewer & Pipe Replacement	15	▪ Snow Removal	30
▪ Storm Sewer Replacement	16	▪ Yearly Programs	31
▪ Pipe Installation & Repairs	17		

From the Director

In March of 2023, the Public Works Department went through a major change, and I was promoted to Director after 8 years of being a Laborer and Road Foreman. This change came with its obstacles, but the transition went well, and the year has been great for our department.

The department also hired a new Road Foreman, and he has fit in well to our system. He brings extensive knowledge in vehicle/equipment maintenance along with excavating, grading, and pipe installation.

In this report you will see the projects that were completed in all phases of our operations. Our Public Works Building got a much-needed upgrade including new heating and A/C units, updated kitchen, larger/updated locker room, new break room with tables and chairs, and a renovated restroom. The Township's storm water system received numerous improvements including pipe replacements and basin replacements. A large traffic calming project along Sugar Camp Rd was completed during the month of August. Another large project was the remodeling of the Police Station Basement to include a new fitness room. Upgrades to the Library included replacing a section of the ceiling that was in bad shape. Our favorite project of the year was the instillation of a high quality permeable flexible paving material called Perk-E-Pave on the Arrowhead Trail Access off Scarborough Ln. Projects in the Township Parks included extensive dangerous tree removal on a large portion of Rolling Hills Park, a crosswalk was added in Peterswood Park near Playground #1, and numerous facility repairs.



Jared A. Scott
Director of Public Works

Perk-e-Pave Trail Access

This was an exciting project for all involved. It was completed during the month of September and the first of its kind in the township. The Scarborough trail access path was completely rehabbed with a high quality permeable flexible paving material call Perk-E-Pave. The material is made with ASTM C33 tested washed and kiln dried stone, wire free recycled tire chips and specially formulated DOT approved urethane binder.

The project included excavating and removing the existing wood chip path, installing a #57 stone subbase at 4" thick, compact subbase to 1.5" below finish grade, install 1.5" forms, mix material on site and finish the Perk-E-Pave material to grade. Shredded topsoil, grass seed, and mushroom compost were installed to complete the project.



Stormwater pipe extension on Bunker Hill Dr

This stormwater pipe extension project was completed in July and was beneficial to both the township and the two homeowners. The existing headwall /outflow allowed the water to flow between both properties eroding away the banks. We were able to extend the stormwater pipe an additional 80' to allow the water to flow onto existing township property.

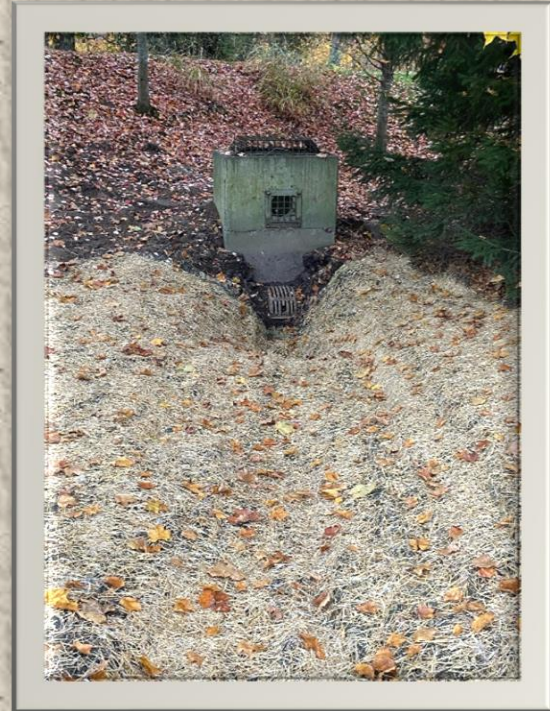
This project included removing all existing vegetation, excavating a new ditch line for the extension of the pipe, installing 80' of 15" CPP pipe, landscaping the entire area with shredded topsoil, grass seed, and straw.



Sugarwood Dr Stormwater Pond Rehabilitation

This stormwater pond rehab was completed during the month of June. The pond was privately owned and maintained by the homeowner previously and taken over by the township for all future maintenance.

The project included removing all the river rock in the flow channel that was completely silted in, excavating around the inlet structure, installed new ditch matting, installed 20 tons of #4 Rip Rap for a new flow channel, and landscaped the area with topsoil, grass seed, and mushroom compost to complete the project.



Pond Maintenance & Mowing

Mowing and Pond Maintenance is a task that the Public Works Department performs every month of the year. These ponds are closely monitored by Public Works and our Engineering Department.

The ponds are mowed twice a year. Once in the spring and once in the fall. One complete round takes 3 weeks to complete.

The purchase of a RC (remote control) mower has made this process easier to complete and allowed us to mow ponds that were previously impossible to cut.





**PETERS TOWNSHIP HAS BEEN
SILVER LEVEL CERTIFIED
IN THE SUSTAINABLE COMMUNITY ESSENTIALS CERTIFICATION**



Peters Township Public Works Department provides continual service to residents in the way of Paving Roads, Street Maintenance, Street Lights, Traffic Signals & Signs, Leaf & Yard Waste Collection, Snow Removal on Township and State Contracted Roads, and Storm Sewer System Maintenance, as well as Facilities & Parks Maintenance.

Peters Township has become certified through the Southwestern Pennsylvania Sustainable Community Essentials Certification program. Peters Township is recognized at the silver level of certification for meeting the program's rigorous performance criteria which tracks 131 policies and practices that define a sustainable community. The Sustainable Community Essentials Certification, developed by Sustainable Pittsburgh, is designed for municipalities that are working to save money, conserve resources, and serve vibrant communities. It applauds municipalities for their demonstrated commitment and sustainability performance.



Update of the Sustainable PA Community Certification is underway - Sustainable Pittsburgh

Hazardous Tree Removal



Redwood driveway replacement

This project replaced the concrete driveway apron that was used by the Public Works Department to install a new underdrain along the roadway. This area has had a chronic icing issue during the winter months due to water runoff from a spring.

The driveway had to be cut to allow the new pipe to be installed and tied into the storm basin. Public Works was able to install 60' of 6" perforated pipe to catch the water and keep it underground.



Asphalt Patching & Repair



Statistics

- 23 Full-Time Employees
- 1 Part-Time Admin. Assistant
- 120 Lane Miles of Roadways
- 8 Parks
- 12 Ballfields & The Arrowhead Trail
- 23 licensed vehicles
(Including 75 Pieces of Miscellaneous Equipment)
- 16 Traffic Signals
- 11 Township Buildings / Facilities
- 2,600 Storm Drains
- 3,500+ Road Signs
- 65 Stormwater Management Ponds



BASE REPAIRS & PAVING



Storm/Catch Basin Projects

LINK TO THE PETERS TOWNSHIP MS4 PAGE

[HTTPS://WWW.PETERSTOWNSHIP.COM/165/MS4-PERMIT](https://www.peterstownship.com/165/MS4-PERMIT)

STORM SEWER SYSTEM MAINTENANCE

PUBLIC WORKS DEPARTMENT ANNUALLY AVERAGES 25 STORM/CATCH BASIN REBUILD/REPAIR PROJECTS PER YEAR. 2023 THE DEPARTMENT REBUILT SEVEN, AND REPAIRED NINE BASINS, THERE WAS A TOTAL OF SIXTEEN BASIN PROJECTS COMPLETED IN 2023.

THE PUBLIC WORKS DEPARTMENT ALSO WORKS IN CONJUNCTION WITH THE ENGINEERING DEPARTMENT ON MS4 REQUIREMENTS RELATED TO STORM WATER MANAGEMENT SYSTEMS THROUGHOUT THE TOWNSHIP. IN ADDITION, THE DEPARTMENT ALSO PERFORMS DREDGING OPERATIONS TO PROMOTE AND MAINTAIN CONTROLLED RUNOFF TO REDUCE BACKUPS AND FLOODING. THE DEPARTMENT ROUTINELY INSPECTS STORM WATER SYSTEM COMPONENTS EX: HEAD WALLS, END WALLS, AGE AND CONDITION OF PIPES IN ADDITION TO OVERALL SYSTEM FUNCTION.



STORM / CATCH BASIN PROJECTS

	REPAIRED	REBUILT	NEW
2023	9	7	0
2022	11	5	0
2021	10 (REDUCED DUE TO COVID)	5 (REDUCED DUE TO COVID)	1 (REDUCED DUE TO COVID)
2020	1 (REDUCED DUE TO COVID)	5 (REDUCED TO COVID)	3 (REDUCED DUE TO COVID)

Storm Sewer & Pipe Replacement



Storm Sewer Basin Replacement



PIPE INSTALLATION & REPAIR

THE TOWNSHIP CONTINUES TO IMPROVE UPON THE ENVIRONMENT THROUGH ITS MS4 PROGRAM (MUNICIPAL SEPARATE STORM SEWER SYSTEM). THE MAIN GOAL IS TO IMPROVE SURFACE WATER QUALITY THROUGH THE REGULATION OF STORM WATER DISCHARGES WHICH CAN BE AFFECTED BY ACTIVITIES WITHIN THE TOWNSHIP'S WATERSHED. IT IS THROUGH EDUCATION & OUTREACH THE TOWNSHIP IS EAGER TO MAKE THE RESIDENTS & BUSINESSES AWARE OF THE REQUIREMENTS OF THE PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND THE U.S. EPA.

[HTTPS://WWW.PETERSTOWNSHIP.COM/DOCUMENTCENTER/VIEW/131/WASHING-YOUR-CAR-PDF](https://www.peterstownship.com/documentcenter/view/131/washing-your-car-pdf)

[HTTPS://WWW.PETERSTOWNSHIP.COM/DOCUMENTCENTER/VIEW/133/FERTILIZING-YOUR-LAWN-PDF](https://www.peterstownship.com/documentcenter/view/133/fertilizing-your-lawn-pdf)

[HTTPS://WWW.PETERSTOWNSHIP.COM/DOCUMENTCENTER/VIEW/128/CLEANING-UP-PET-WASTE-PDF](https://www.peterstownship.com/documentcenter/view/128/cleaning-up-pet-waste-pdf)

[HTTPS://WWW.PETERSTOWNSHIP.COM/DOCUMENTCENTER/VIEW/132/BUILDING-A-RAIN-GARDEN-PDF](https://www.peterstownship.com/documentcenter/view/132/building-a-rain-garden-pdf)

[HTTPS://WWW.PETERSTOWNSHIP.COM/DOCUMENTCENTER/VIEW/126/CARS-LEAKING-OIL-PDF](https://www.peterstownship.com/documentcenter/view/126/cars-leaking-oil-pdf)

[HTTPS://WWW.PETERSTOWNSHIP.COM/DOCUMENTCENTER/VIEW/129/WINTER-SALT-USAGE-PDF](https://www.peterstownship.com/documentcenter/view/129/winter-salt-usage-pdf)

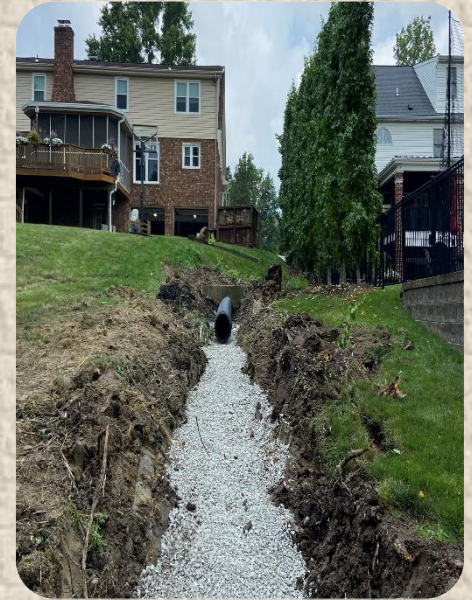
THE PUBLIC WORKS DEPARTMENT IS IN THE PROCESS OF UPGRADING OLDER/OUTDATED DETERIORATING CORRUGATED METAL PIPES (CMP) THROUGHOUT THE TOWNSHIP.



THERE ARE MANY WAYS FOR TOWNSHIP RESIDENTS TO BE INVOLVED TO IMPROVE THE ENVIRONMENT.

← LINKS OF WAYS RESIDENTS CAN HELP.

Pipe Replacement



Leaf Collection

2023 Leaf Collection Season

October 17, 2023 - October 20, 2023

October 24, 2023 - October 27, 2023

October 31, 2023 - November 3, 2023

November 7, 2023 - November 17, 2023

November 28, 2023 - December 1, 2023



2023 LEAF COLLECTION / REQUESTS
277 WEEKLY REQUESTS
SERVICE FEES \$41,550.00



Once all the garbage is collected, Waste Management will make a second pass through the community to collect leaves.

Leaf waste will continue to be composted at the municipal compost site.

REMINDER: **Leaf Waste must be deposited in paper lawn and leaf bags** that can be purchased at various stores throughout the community. The Township does not provide the required paper bags. Bags must be purchased from stores by residents.

All bags must be at curbside by 6 a.m.

How should my leaves be arranged?

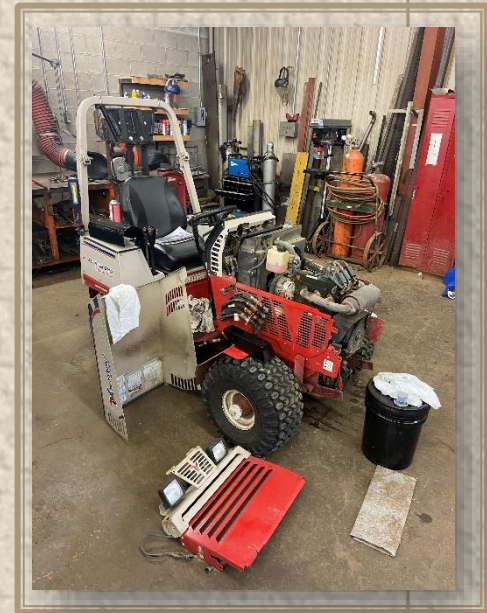
Leaves are to be raked or moved to the curb and formed in a long row approximately four feet wide. The machinery that collects the leaves cannot reach any farther than four feet from the gutter-line or edge of the street.

*** Do Not Place Leaf Piles in the Street ***

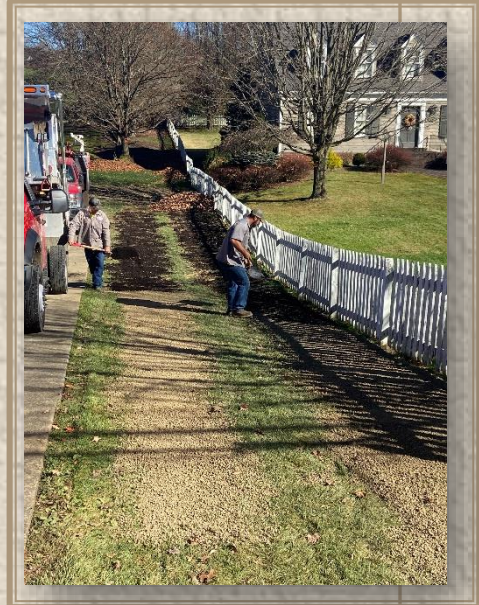
NOTE: Leaf Waste in plastic bags will not be picked up.

<https://www.peterstownship.com/195/Leaf-Pickup-Vacuuming-Services>

VEHICLE & EQUIPMENT MAINTENANCE/REPAIRS



LANDSCAPING & RESTORATION



GUIDERAIL REPAIRS/REPLACEMENT



Facilities Repairs



Public Works Building Renovation

The Public Works building was renovated in 2023 and the project was very beneficial to the staff. There are 23 full-time employees working out of this specific building and the area was not designed to handle this number of staff.

This Capital Improvement Project included new heating and air conditioning in the office areas, updated kitchen including new cabinets, refrigerator, tables, and chairs, a larger/updated locker room with new/larger lockers, a new break/lunch area including new tables, chairs, flooring, ceiling, and terminal wall heating/ac unit.

The project was overseen by Assistant Township Manager Kyle Thauvette and Buildings/Grounds Foreman Grant Loether.



<https://youtu.be/3160uYqWTBI?si=dgMTFEE3-E43S1e->

Pavement Markings



REPLACED, REPAIRED, INSTALLED STREET SIGNS



2023 Accomplishments

- Roadside Mowing / Three Cycles
- Pond Mowing / Two Cycles
- Employee Training
 - Utility Locator Training
 - Pa 1 Call Excavator Training
 - Brine System Training
 - CPR/AED Training
 - Traffic Signal Tech Training
- 277 Weekly Residential Leaf Collection Requests
- 290 Residential Yard Waste Collection Requests
- Reconstruction of 16 Storm Basins
- Replaced/Repaired/Installed 93 Traffic/Street Signs
- Street Sweeping Two Cycles
- Hazardous Tree Removal
- Traffic Calming project on Sugar Camp Rd
- Sugarwood stormwater pond rehabilitation
- Extensive asphalt base repairs on Pleasant Ave.
- Renovation of Public Works Building



Safety Training

On Site Perk-E-Pave Training



http

Backhoe Training



Online Winter Maint. Training

Snowplow Procedures

- Report motorists having trouble.
- Report emergencies.
- Keep your temper and patience.
- Be brief using the radio.
- Observe all traffic laws.
- Wear your seatbelt.

ADWA

IT'S A RADIO NOT A BOX

KEEP IT SHORT AND TO THE POINT

A yellow snowplow icon is located in the top left corner of the slide.

Yard Waste Program

THE YARD WASTE COLLECTION SERVICE WAS ESTABLISHED TO ASSIST RESIDENTS WITH THE DISPOSAL OF SMALL AMOUNTS OF YARD WASTE NOT NORMALLY COLLECTED BY WASTE MANAGEMENT. TO BE SCHEDULED FOR SERVICE YOUR REQUEST MUST BE RECEIVED NO LATER THAN 7:00 AM MONDAY MORNING OF THE WEEK THE SERVICE IS BEING OFFERED. HOWEVER, YOU MUST ADHERE TO CERTAIN REQUIREMENTS FOR THE PUBLIC WORKS DEPARTMENT TO SERVICE YOUR NEEDS.



- BRANCHES, LIMBS AND SHRUB TRIMMINGS SHOULD BE CUT INTO 4 – 6-FOOT LENGTHS. THESE SHOULD BE PLACED CURBSIDE IN ORDERLY PILES OR TIED INTO BUNDLES. LARGE PILES PLACED HELTER-SKELTER IN LARGES MASSES WILL NOT BE ACCEPTED. IT IS NOT NECESSARY TO TIE OR BUNDLE LARGE PILES OR BRANCHES.
- PUBLIC WORKS CAN ACCEPT UP TO A 6 INCH IN DIAMETER BRANCH; LARGER DIAMETER BRANCHES CANNOT BE ACCEPTED AS THEY WILL NOT FIT INTO THE CHIPPER.
- ITEMS NOT ACCEPTED ARE STUMPS, ROOT BALLS, GRASS AND GARDEN CLIPS, FIREPLACE SIZED LOGS OR SHORT LOGS. THESE ITEMS WILL JAM THE CHIPPING MACHINE AND THE DISPOSAL SITE WILL NOT ACCEPT THEM.
- AT ANY GIVEN TIME, THE DEPARTMENT WILL REMOVE THE EQUIVALENT OF WHAT WOULD FIT INTO THE BACK OF A PICK-UP TRUCK. VOLUMES EXCEEDING THAT AMOUNT MAY BE LEFT CURBSIDE AND IT WILL BE NECESSARY FOR YOU TO CALL PUBLIC WORKS TO ARRANGE FOR AN ADDITIONAL PICK UP. THE ROUTE DRIVE CAN REJECT ANY STOP IF THESE GUIDELINES ARE NOT FOLLOWED.

You may reach the Public Works Department at any time – seven days a week/24 hours a day, please leave your name, phone number and address that you wish a pickup to be scheduled.

2023 YARD WASTE	STOPS
MAR 27	16
APR 10	29
APR 24	26
MAY 8	8
MAY 23	21
JUNE 5	16
JUNE 19	18
JULY 10	24
JULY 24	35
AUG 7	22
AUG 21	23
SEPT 11	19
SEPT 25	16
OCT 10	17

<https://www.peterstownship.com/191/Branch-Shrubbery-Pickup-Service>

Snow Removal

*2023 Estimated Expenditures for Snow Removal are \$ 602,240.00. Just like the last winter season, the township has two separate contracts for salt from two separate suppliers. We purchased 3,480 tons of bulk road salt in 2023 at a cost of \$88.96 per ton.

Snow Removal

- Peters Township performs snow removal on 137 miles of roads, 21 of those by contract with PennDOT.
- The Public Works Department maintains a fleet of 13 fully equipped trucks plus 3 additional vehicles equipped only with snowplows.
- The normal response time to apply salt to all streets maintained by the Township is 3 hours.
- Normal response time to have plowed all streets at least once within 6 hours.
- Remember that Peters Township **does not** permit residents to shovel or plow snow onto the roadways.

Snow Emergencies

When a significant snowfall occurs, it is sometimes necessary for the Township to declare a snow emergency. During a snow emergency, on-street parking is prohibited, and the Police Department can issue tickets or even have vehicles towed away. Citations can be issued to operators of vehicles not equipped with snow tires or chains. When a snow emergency is declared, it is broadcast on Peters Township Cable Television: Comcast channels 21 and 95 and Verizon channels 38 and 40. This information is also distributed to several local radio, television stations, and available on the [Township homepage](#) and social media pages.

State Owned Roads

State owned roads for which the Township contractually provides snow removal service are:

- Bebout Road
- Church Hill Road
- E McMurray Road
- Justabout Road
- Sugar Camp Road
- Thomas Road
- Valley Brook Road
- The Township does not provide this service on W McMurray Road, Route 19, Venetia Road, or Waterdam Road.



Yearly Programs

PA ONE CALLS

2023	2,281	(100% RESPONSE RATE)
2022	2,361	
2021	2,313	
2020	2,147	
2019	1,415	
2018	1,925	
2017	1,742	
2016	1,109	
2015	1,876	

YARD WASTE COLLECTIONS

2023	290 STOPS
2022	305 STOPS
2021	315 STOPS
2020	433 STOPS
2019	341 STOPS
2018	485 STOPS
2017	455 STOPS
2016	408 STOPS
2015	409 STOPS

LEAF VACUUMING SERVICE

2023	277 FOR \$41,550
2022	233 FOR \$25,630
2021	172 FOR \$18,920
2020	147 FOR \$16,170
2019	113 FOR \$12,430
2018	97 FOR \$ 10,670
2017	70 FOR \$ 7,700
2016	76 FOR \$ 8,360
2015	75 FOR \$ 4,165

