

Public Works Monthly Report April 2017

Emphasis this month was on the following:

Highway Division:

- **Roadway Storm Sewer Maintenance** – During the month, Township staff continued its efforts in repairing storm inlets on Township roadways scheduled for resurfacing in 2017. This work will continue throughout the year. This work is being done in the Whitpain Greens, Forrest Creek, and Belfry areas of the Township. (see attached)
- **Annual Road Resurfacing Preparation** – Township staff is working on the 2017/18 road resurfacing list of roadways. There are a number of tasks that need to be done prior to the roads being resurfaced. These tasks include: Cleaning and televising sanitary sewer lines, repairing sanitary sewer manholes, inspecting storm sewer system, repairing storm inlets, crack sealing, pothole patching, ADA ramp repairs. At this time, both township forces and outside contractors are replacing ADA ramps and repairing or replacing storm inlets on the scheduled street list. During the month approximately 21 storm inlets were repaired or replaced in the Forrest Creek and Belfry subdivisions.
- **Street Sign Upgrades** – Township staff continues to replace and repair existing street signs and regulatory signs on many Township roadways. This task is ongoing to bring signage in compliance with new state and federal reflectivity standards. Most regulatory signs are being upgraded on all newly resurfaced roadways. Township staff with the help of an intern are plotting the locations and types of signs on all Township roadways. This project is almost completed with this data being installed into the new Public Works Asset Management Program.(see attached)
- **Street Sweeping** - Township staff has begun its annual street sweeping program in March and is progressing through our first full sweep of the Township. We have experienced several mechanical problems with the sweeper due to manufacturer recalls. This has slowed the sweeping process down this month. During the month approximately 135 cubic yards of debris was picked up on township roadways: (see attached)

Parks Division:

- **Parks Maintenance** – Township Park Staff continues to make repairs to Township active parks equipment as needed. Staff is into full mowing cycles for active township parks during the month. Active playing fields are being worked on as needed to for springtime use. (see attached)
- **Centre Square Park** – During the month the township contracted with an outside contractor to clear portions of the overgrowth and dead trees abutting the trail in the wooded area of the park. This task has made a safer condition along the trail.
- **Parks Vehicle/Equipment Maintenance** – Township staff is making repairs and performing routine maintenance to seasonal mowing equipment. All equipment is serviced and is ready for use. (see attached)

Building Maintenance Division:

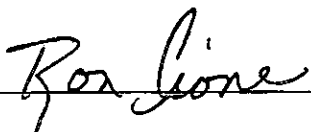
- **Buildings Maintenance** – All Township buildings were maintained as scheduled and as needed. (See attached)
- **Administration Bldg Repairs** – Township staff and outside contractors are making repairs to the walls in select areas of the Administration building. This process is to be done to eliminate a condition that has the finished layer of plaster separating from the walls. We hope to finish this project by the end of May to start with a cosmetic wall covering in the same areas.
- **Building Upgrades** – Staff is working on a number of projects to upgrade Administration, Police Department buildings, and the 1895 School House for 2017 and 2018 budget years. These projects include: Sprinkling the Administration and PD buildings, rewiring Administration building, and a complete replacement of the HVAC system for the Administration building. Work is also being done to replace the branch wiring at 1895 School House. At this time, the contract to remediate the Administration building electrical system is completed. We are currently erecting a new carport to house police patrol vehicles in the police parking lot. The branch wiring for the 1895 School House was completed during the month. We are working with several outside consultants and contractors for other budgeted capital projects.

Sewer Division:

- **Pump Station Maintenance** – Township staff maintained all seven Township owned sewer pump stations as needed. A major emergency repair was made to the Township Line Pump station during the month. Both sewer staff and outside contractor's repaired a major valve to the station. This worked involved a total shutdown of the station and by-pass pumping at low flow times during the evening hours. Our staff with outside help performed exemplary and saved thousands of dollars by their efforts in this repair. A job well done was noted with commendation letters to each of the sewer staff.
- **Sewer Maintenance** – Township staff continues to clean and televise Township sanitary sewer lines as routine maintenance of the conveyance system. Approximately 1,600 feet of sewer line were televised and 3300 feet was cleaned and flushed. Staff continues to meet with PennDOT regarding the relocation of sanitary sewers in conjunction with the 202-widening project. (see attached)

Equipment Maintenance:

- All Township equipment and vehicles were maintained as needed. Special note to repairs made by extensive damage to a wiring harness to one of the township's skid steer units. This damage was caused by animals nesting in the engine compartment and chewing through the harness. (see attached)



Ronald J. Cione, DPW

Vehicle Maintenance Report
April 2017

Date	Vehicle ID	Miles	Hours	Description of Work	Labor	Parts
4/4/2017	T-23	15,622		Replaced rear brakes, Rear tire stuck on truck, Change oil & filter, set tire PSI	\$ 180.00	\$ 279.71
4/5/2017	T-15	1,059	8	Installed steps, Took truck to municipal supply, brought back T-27, took to cook tract, worked on L4	\$ 120.00	\$ 259.25
4/6/2017			4	Installed new battery info, Replaced fuel line & filter on jumping jack	\$ 60.00	\$ 318.47
4/6/2017			4	PA state inspection, Change oil & filter, Change fuel filter, Grease unit, air up tires	\$ 75.00	\$ 360.15
4/6/2017	53	7,256	15	Go to cook tract to see why loader won't start, Jump batteries - no good, Order starter - install new batteries - replace, Starter ok	\$ 225.00	\$ 164.15
4/6/2017	L4		7	Change oil filter, Set tire PSI, inspect brakes, install drives seat cushion, Drain & replace engine oil & filter, Drain & replace trax fluid & filters, Take fluid sample, Take brine tank off T-9, Unload brine at cook tract, Come back to shop, Remove brackets, Go with Sam to	\$ 105.00	\$ 232.02
4/11/2017	T-16	16,075	32	Flawing	\$ 45.00	\$ 16.58
4/12/2017	T-9			Took T-9 to cook tract, Unloaded bin, brought back to the shop to remove junk, cleaned up, Remove spreader & spines from truck, Go to cook tract move roller & other material from front of conveyer belt, install conveyer belt on truck, Rinse out brine tank, Put bulb in LR tall light of T-3	\$ 480.00	\$ 851.51
4/14/2017	T-22		9	Go to Ephrata for T-7, ABS light came back on, took back to shop because the light came back on, Take police car to Franconia order parts for	\$ 120.00	
4/17/2017	T-7		8	Went to Lancaster for T-7, Took 46-13 to Bergens in Franconia, Road Service on L4	\$ 120.00	
4/21/2017	C-22	16,818	4	Installed new battery	\$ 60.00	\$ 93.98
Totals					\$ 1,770.00	\$ 2,565.82

Police Vehicle Maintenance Report
April 2018

Date	Vehicle ID	Miles	Hours	Description of Work	Labor	Parts
4/1/2016	46-1	37,668	3.5	PSI, EI test, oil/filter, tire PSI	\$ 52.50	\$ 47.27
4/5/2016	46-12	25,980	3.5	tag light out RR bulb, tag lights RR bulbs replaced, PSI, replaced LF	\$ 52.50	\$ 100.09
4/6/2016	46-6	67,027	3.5	sway bar link, EI Test	\$ 52.50	\$ 45.84
4/13/2016	46-4	65,401	5	PSI, EI test, oil/filter, rotate tires, tire PSI, replace rear brakes and rotors	\$ 75.00	\$ 204.95
4/18/2016	46-11	52,926	3	oil/filter, rotate tires, removed snow tires, reset tire monitoring system	\$ 45.00	\$ 17.60
4/19/2016	46-13	19,416	4	oil/filter, replaced front brakes and rotors, set tire PSI	\$ 60.00	\$ 198.79
4/21/2016	46-10	24,139	1	Removed snow tires	\$ 15.00	
4/26/2016	46-3	12,197	6	Replaced front and rear brakes, rotors. Replaced rear brake calipers	\$ 90.00	\$ 505.97
4/28/2016	46-14	66,977	3.5	lubed rear brake caliper, replaced both tag bulbs	\$ 52.50	\$ 21.85
4/5/2017	46-1	66,587	2	Replaced both turn signal bulbs, Change oil & filter, remove snow tires, inspect brakes	\$ 30.00	\$ 23.85
4/10/2017	46-14	81,306	5	State inspection. Change oil filter, Set tire PSI, Took Amber tire for EI test	\$ 75.00	\$ 17.66
4/10/2017	46-9	49,949	3	Change oil filter, Set tire PSI, inspect brakes, Plugged RR tire	\$ 45.00	\$ 17.85
4/12/2017	46-17	45,997	3	Change oil filter, Set tire PSI, inspect brakes,	\$ 45.00	\$ 17.85
4/13/2017	46-3	19,749	12	Munt & balance 4 tires from stock, CK engine light on cleaned code	\$ 180.00	\$ 232.69
4/18/2017	46-1	46,400	6	Installed battery tender + plug assembly	\$ 90.00	\$ 39.59
4/19/2017	46-17	46,235	4	Installed battery charger plug & harness, CK fluids, Set tire PSI, Road test	\$ 60.00	\$ 39.59
4/20/2017	46-6	13,159	6	Installed trailer hitch, Installed battery charge, Change oil & filter, Set tire PSI, inspect brakes,	\$ 90.00	\$ 16.05
4/21/2017	46-5	11,961	4	Install trailer hitch, Change oil & filter, Set tire PSI	\$ 60.00	\$ 16.05
Totals					\$ 1,170.00	\$ 1,563.54

Date	POC	Remarks
4/3/2016	0	Ck pump stations/Pa one Calls, flushed on 202 in front of Whipal Shopping Center, looked for plans for force main on Arch. Worked on trouble spots list. Open manholes for pavers.
4/4/2016	14	ck pump stations/Pa one Calls, muffin monster #1 failure at Mermaid- everything running normal. Open up manhole for pavers. cked muffin monster, found generator problem at Mermaid, called Atlantic Generator, getting quote.
4/5/2016	19	ck pump stations, filled hisasol at Nwales, ck PA One Calls, finish putting rings in old man holes, worked on water savers.
4/7/2016	17	Ck pump stations, Pa One Calls, cut water savers down, worked on bucket to bob cat, worked on jumping jack.
4/9/2016	0	
4/10/2016	0	
4/11/2016	15	Ck pump stations, switched M/M to comminator at Mermaid, Ck Pa One Calls, ck trouble spots, clean up station at Mermaid and Townshipline
4/12/2016	7	ck pump stations, ck Pa One Calls, look for sink hole over sewer line at 691 Maple Hill.
4/13/2016	6	ck pump stations, ck Pa One Calls, changed light bulb in wet well at N. Wales, flagged Townshipline for sewer markings
4/14/2016	10	ck pump stations, ck PA One Calls, trees at Right Away Oak Ridge and Putaski.
4/15/2016	14	ck pump stations, check Pa One Calls, ck trouble spots
4/16/2016	0	
4/17/2016	0	
4/18/2016	9	ck pump stations, Pa One Calls, emerg PA One Call at 107 Shoal Creek Drive, repair/water leak-marked. Ck line in front of Blue Bell Inn w/ Gus-OK. Cut Right of Ways at Prophecy Creek, start installation of slides for gate in Mermaid wet well.
4/19/2016	18	ck pump stations, ck Pa One Calls, cut grass at all stations, work on chain saws.
4/20/2016		Ck pump stations, filled hisasol at Nwales, ck PA One Calls, filled hisasol at Mermaid Station
4/21/2016	11	Ck pump stations, ck Pa One Calls, Flush line on Grouse Ct to Village Business center.
4/22/2016	7	Ck pump stations, Pa One Calls, Pump #3 @ Townshipline is off. Greased pumps, cut cases for drive shaft.
4/23/2016	0	
4/24/2016	0	
4/25/2016	14	Ck pump stations, Pa One Calls, ck emerg equip. Pulled #3 pump at Twipline station and start tear down of pump, painted cages for mermaid pump station.
4/26/2016	13	Ck pump station, ck Pa One Calls, start to clean up at Twipline, TV on Old Valley
4/27/2016	13	Ck pump stations, Pa One Calls, clean inside fence at Addison, worked on pump from Twipline, ck hydrant at PD. Flush and TV on McClure Dr.
4/28/2016	0	Ck pump stations, Pa One Calls
4/29/2016	4	ck pump stations, Pa One Calls
4/30/2016	0	
Total POC		212