

VILLAGE OF POPLAR GROVE

"A Great Place to Call Home"

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February 2022 Public Works Report

General:

Our budget process for FY23 has been completed and the final budget will be presented to the Village Board on March 2nd.

The grant for our Public Works building has finally been executed. However, we now have an issue with the owner that we share a common wall with in the building that is to be demolished. I have spoken with him a few times on the phone and have met with a representative of his in person to go over a proposal that Don, Eric, Chris, and I came up with. We will discuss this further with the board in the near future.

The fine screen at the NWWTP needs to be replaced. Sabel Mechanical pulled the old screen out and it is beyond repair or fabrication. The first quote we received was roughly 75k to install a new one. We are trying to get quotes from two other manufacturers, but this is a specialized item so that is proving to be a difficult task. Regardless, this will be an item that has to get passed by super majority vote given the price and lack of formal bid. I will have a recommendation at the board meeting on the 16th. UPDATE: I spoke further with Aquatec and the secondary option that was discussed at February's board meeting was actually going to end up being more costly to install. Sabel Mechanical has been notified that the original screen that was presented was approved by the board for installation. We are coordinating an electrician and our staff to install a wooden frame that the new control panel will be mounted to.

You may recall we budgeted to rehab SBR 3 at the SWWTP in FY2022. We have continued this process this month. Replacement pumps have been ordered and the SAM unit has been sent into Aquatec for repairs. Once these items arrive, we will hire a crane company to re-set the SAM unit and we will get the pumps installed. The pumps from Xylem have been delivered and will get installed once the SAM unit is returned from Aquatec. UPDATE: We are still waiting on the SAM unit.

Two sand filter pumps were ordered for the SWWTP. UV bulbs and quartz sleeves were also ordered for the SWWTP UV banks. TEST will get them installed upon arrival.

Streets/Storm Sewer:

Staff responded to multiple snow and ice events this month. On one occasion, our contracted plowing service also provided assistance. Day after snowfall cleanup continued as well.

Potholes are starting to pop up now that the spring thaw is here. Staff was out multiple times patching holes this month. Road posting signs also went out on the 28th and enforcement will begin March 1st.

We have taken 350 tons of road salt so far from the state and hauled an additional 16 truckloads back from our stockpile at the Boone County Highway Department. We still need to take at least 110 more tons of salt from the State and we have about 25 tons left at the County building.

ROW inspections on new build properties have continued this month.

We have had 3 of our flashing beacons hit in traffic accidents in the last month, with only one resulting in a vehicle staying on the scene and calling the police to report the incident. I will work with that driver's insurance company to get that beacon paid for. I am waiting on quotes for the beacons to see if it will be worth turning the other two into our insurance company or just paying for them out of pocket. UPDATE: All three traffic beacons have been ordered and will be installed upon delivery.

Spring street sweeping has begun on warmer days to get the grit off the road and curb lines cleared of any debris that would potentially block the storm inlets as snow melts.

Our 2005 International was taken to Bonnel again for hydraulic issues leaving us with only two bigger trucks for one of our snow events.

Parks/Buildings:

The pavilion and porta pot enclosure have been installed in West Grove Park. This grant project is now complete and we can expect a pay request from George's Landscaping to be ready for next month's meeting.

Majestic Asphalt has been working in Lion's Park on the walking path. The base rock is down and they continue to work their way around the path and cover that with road stone. At this point in the asphalt season, I would expect it to get paved in the Spring. There will also be quite a bit of restoration that needs to happen and the Lions Club said they would take care of that as this is their project. UPDATE: The path is ready to be rolled and paved in the spring when asphalt plants open back up and park conditions allow for work to be done.

Bufalo Contracting began the remodel and equipment upgrade project in the board room towards the end of the month. Different aspects of this project were approved at December and January's board meetings and work began right after. Currently, the electrical, drywall, and painting have been completed. Carpet and audio/video equipment will be installed in mid-February. UPDATE: This project has been completed and equipment should be ready to use by the March board meetings.

Water/Sewer distribution:

NTRAK was hired to complete two separate repairs this month. The first was a water lateral at 441 Ironwood Drive. The copper line developed a hole in it in the section between the sidewalk and curb. The repair required the main to be shut down resulting in a boil order. Our staff isolated the main with valves and handled the notification process for the boil order. The second repair was a sanitary lateral repair at 228 Summit Street. The pipe was orangeburg and found to have a hole in it. NTRAK replaced the service from the sanitary main to the curb on the opposite side of the road. The hole was backfilled with chips and recycled asphalt and will have to get paved when we have a contractor in town for MFT work. The invoice for 441 Ironwood will be in this month's packet and the invoice for 228 Summit will be in next months.

Rush Power systems completed annual PM's on all of our generators at the plants and lift stations. UPDATE: Rush noted that 4 of the generator batteries showed that they were at their expected life usage and our staff replaced them.

Public Works staff finished painting well 4's interior.

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Comfort Solutions installed new hanging furnace units in the sand filter room at the SWWTP and at well 4 after both failed and were beyond repair.

Staff re-started sump pump inspections in Belair that were put on pause due to COVID. We are pleased to report that we are not finding any illegally connected sump pumps. However, some homes appeared to have newer plumbing in the sump pump areas. I believe there are a few homes that, at one point, had illegal connections and took corrective action to come into compliance. We are about 85 percent through the neighborhood and will be scheduling appointments to complete the rest. UPDATE: Staff continues to work on this as residents call in to make appointments.

Visu Sewer was out at the end of June to clean and camera the sanitary laterals on South State St. The data from the clean and televise has been delivered to McMahon's office for review. Once reviewed, we can begin planning for any necessary underground work that might need to be done before we re-surface the road with RBI funds in 2023. UPDATE: The footage has been reviewed and I have been told that, generally speaking, the laterals are in pretty good shape. They were not able to access three of the laterals from the road so the contract has been left open in hopes we can get in from the inside of the home. I will work with the homeowners to make this happen. A formal report from McMahon's office will be ready shortly. UPDATE: We are still waiting on final review from McMahon's office before we can proceed with any recommendations on underground repairs that may need to get done before State Street is resurfaced.

Staff moved sludge at the SWWTP to make room for Test to generate more.

Locates were done as required by law and are coming in daily. We also marked and called in our locates.

Meters were read and all un-reads were gathered manually.

Other work performed by staff included: door notices, water turn ons, water turn offs, meter installs/replacements, MXU replacements/installs, bbox adjustments/repairs, final reads, consumption/water quality/pressure complaint appointments.

If there are any questions, please feel free to contact me at MHilden@villageofpoplargrove.com or 815-742-0418

Mitch Hilden
Director of Public Works