



March 13, 2018 – Superintendent’s Report

ADMIN UPDATE:

The Utility is seeking to have four Pay Applications for water and sewer projects approved this evening. Pay Applications 6&7 for the Richardt WTP Project, Pay Application 3 for the Sumac Water Main and Pay Application 2 for the 2017 Manhole Rehabilitation Project are on the agenda for approval. The pay applications have been reviewed and we recommend approval. The DRF forms and pay applications have been submitted for signature.

The Utility is also seeking approval of Change Order #2 for the Richardt Water Treatment Plant Project in the amount of \$2,916.90. This increase will allow for energy efficient LED lighting to be installed as opposed to the original specified lighting fixtures. This project is presently under-budget by more than \$18,000 and so this increase will not increase the total project cost. The Utility recommends approval.

IDEM, IDNR and Marion County ILP permits have been submitted to the respective agencies for review and approval for the Wellfield Improvements Project. This SRF-funded project is anticipated to begin the bid advertising and bid award phase on or about April 1, 2018. This is the last of our four Phase I Water Improvement Projects funded by the Indiana Finance Authority’s State Revolving Fund loan program.

Work is proceeding for the income survey and we are moving forward with pinning down our specific project area to better coordinate with coming drainage improvement projects that include pavement replacement. The goal will be to address water and/or sanitary projects in advance of drainage or street projects that result in new pavement so as to avoid tearing up new pavement.

The Utility and its contractor, Red Zone Robotics, along with American Structurepoint successfully completed an inspection of the 24-inch gravity sewer pipe under Indian Lake and we hope to have the full report from the contractor to share with the board at our next meeting. (See pictures below)



Operational Data: February Totals

SANITARY SEWER SYSTEM

- 18 - Sanitary sewer lift station work orders completed.
- 4 - Sanitary sewer grinder pump work orders completed.
- 1 - Sanitary sewer manhole repair completed.
- 4 - Sanitary sewer manholes inspected.
- 7 - Sanitary sewer lateral back up investigations performed.
- 809 LF of sanitary sewer main cleaned.
- 2,123 LF of sanitary sewer main CCTV'd.
- One sewer employee assisted DPW with salting roads.

LOCATES/LEAK LOCATING/VALVE TURNING/HYDRANT MAINTENANCE/INSPECTIONS

- 8 - Fire hydrant repairs completed.
- 11 - Fire hydrant "pump outs" completed on the non-draining hydrants list.
- 27 - Water main line valves turned/exercised.
- 446 - Line locates performed.
- 3 - Miscellaneous locates performed for Utility departments for projects.
- 7 - Water main shut outs for repair work to be performed.
- 16 - Water main/service line leak investigations performed.
- 2 - Plan reviews performed.
- 1 - Inspection performed.

WATER DISTRIBUTION

- 6 - Water main breaks repaired. (Approximately 968,035 gallons of water lost total)
- 4 - Water service lines repaired. (Approximately 910,322 gallons of water lost total)
- 2 - Concrete restoration jobs performed "in house" by LU.
- 4 - Concrete restoration jobs contracted out.
- Excavated to confirm the location of 16" raw water main on Lee Road by bridge.

WATER PLANT/WELL ACTIVITY

FHWTP

- Replaced floor grates in filter house that had rusted and were unsafe.
- Repaired a leak on backwash pipe at filter house.
- Cleaned injector quills for chemical feeds.
- MacAllister performed preventative maintenance service on backup generator.
- M. E. Simpson calibrated and re-tested effluent plant flow meter.
- Cleaned and service chlorine analyzer.
- Made repairs o Well House #9 from vandalism.
- Well readings measured and recorded.

ILWTP

- Repaired leak on plumbing to bulk tank.
- Installed new secondary containment for the bleach tank.
- Cleaned injector quills for chemical feeds.
- M. E. Simpson calibrated and re-tested effluent plant flow meter.
- Made repairs to both the plant and well field gates to keep them from dragging the ground.
- Re-ran ground for high service pump motors and VFD's.
- Re-plumbed the piping between the bulk tank and the day tank.

RWTP

- Replaced fittings and tubing to the bleach quill.
- Replaced the bleach quill.
- Installed new test port for phosphate feed for west filter.
- Installed a backflow prevention assembly for phosphate tank.
- Replaced tubing for phosphate pump.
- Replaced pump head assembly on phosphate pump.

Winding Ridge Booster Station

- MacAllister performed preventative maintenance service on backup generator.

BUSINESS OFFICE/SERVICE DEPARTMENT - Totals will be available at the March 27th meeting.

BILLING ADJUSTMENTS:

6608 Paradise Ct. – Customer seeking sewer adjustment in the amount of \$312.65 due to a broken pipe in the crawl space for which it was determined that the wasted water did not enter the sanitary sewer. We recommend approval of the adjustment.

8333 Glen Highlands Dr. - Customer seeking sewer adjustment in the amount of \$1,554.59 due to a failed water-powered backup sump pump for which it was determined that the wasted water did not enter the sanitary sewer. We recommend approval of the adjustment.

10402 Draycott Ave. - Customer seeking sewer adjustment in the amount of \$1,142.58 due to a broken pipe in the garage for which it was determined that the wasted water did not enter the sanitary sewer. We recommend approval of the adjustment.