



JUNE 12, 2018 – Superintendent’s Report

ADMIN UPDATE:

Utility management is submitting Pay Application #3 for the Culy 2017 Manhole Rehabilitation Project (project started in planning/scoping in 2017, hence the name). The pay application has been reviewed by the project inspector and the utility and we recommend payment.

DRF #37 for Wessler Engineering is also submitted for approval, containing 8 invoices for engineering services on the well field project in addition to invoices for ongoing construction inspection work on the Richardt WTP, Sumac Water Main and Oaklandon Tower projects. These have been reviewed and upon approval and signature will be forwarded to IFA/SRF for payment. The total payment amount is \$194,372.00.

DRF #38 for Tank Industry Consultants is submitted for approval in the amount of \$19,030. This invoice is for construction inspection and construction admin work associated with the Oaklandon Tower Project.

DRF #39 for Graves Plumbing is submitted for approval in the amount of \$174,673.00. This invoice is for construction work associated with the Richardt WTP and constitutes Pay App #10.

The Utility is seeking approval of the engineering services agreement with Wessler Engineering for the Phase II projects under the SRF-funded projects. These projects will include improvements for the Fort and Indian Lake water plants, Winding Ridge storage tank and the 47th & Richardt water main improvements that are being planned in conjunction with Lawrence DPW’s storm water improvements project in that area. With Wessler designing the storm sewer for DPW engineering will be streamlined, which will result in overall cost reductions. Wessler was selected to perform the Phase II water plant improvements projects to maintain consistency in the design of the plants and because of their familiarity with our preferences and specifications regarding water treatment plant construction, quality work and knowledge of our specific plant operations. Again, there is an opportunity to reduce costs in terms of developing drawings and written specifications due to their having developed these for the Richardt project and some items will translate over easily to the new projects. Other Phase II projects include the 52nd Street tower work, for which we plan to continue to utilize the services of Tank Industry Consultants due to their history of inspection and other work on this tank and the quality of their work as demonstrated with their present work on the Oaklandon Tower. We plan to utilize a different engineering firm for the Kitley Water Main project that is in Phase II but will also have WE monitor the project to ensure compliance and continuity with SRF requirements.

The Utility is recommending that the USB award the Wellfield Improvements Project to Glenroy Construction in the amount of \$1,100,000.00. Wessler Engineering has reviewed the bid documents and found them to be in order. We would ask that the Board sign the Notice of Award for transmittal to the contractor so that next steps in the process may begin.

The Utility is recommending approval for Change Order #4 in the amount of \$3,452.00 for the contractor to replace the existing door on Well House #5 at the Richardt Water Treatment Plant. You will see that this does not result in our exceeding the original contract amount. Since Well House #5 is being kept, even if the well is not ultimately placed back into service, we want to have the doors match the new doors on the other well houses that are being rehabilitated. These are heavy duty metal doors and frames and the price includes the removal of the existing door and preparation of the masonry opening to receive the new frame and door.

As you may recall, the Utility is in the process of implementing its vehicle replacement program. As part of the 2018 replacement Year 1 Phase, the 2001 Caterpillar Backhoe is being replaced. Our staff has researched and selected a used model that we are now seeking approval to purchase. We opted to remain with Caterpillar and used our Cat dealer to secure a deal on a machine that we have road and field tested and is in very good condition. The normal wear items have been replaced and minor repairs made so that the machine is as good as new. The dealer provided us a trade-in and government discount equaling \$26,000, making the cost of this machine \$57,850 with a 4-year/3,000-hour warranty on the power train and hydraulics.

Operational Data:

May Totals

SANITARY SEWER SYSTEM

- 27 – Sanitary sewer lift station work orders performed.
- 8 – Sanitary sewer grinder pump work orders performed.
- 15,856 LF of sanitary sewer main cleaned.
- 14 – Sanitary sewer pumps rebuilt “in house”.
- 5 – Yard restorations completed.
- 1 – Concrete restoration completed.
- 2- Vehicle oil changes completed.
- Cutting grass around lift stations.
- 1 – Exploratory excavation to check cause of sink hole in roadway by sanitary manhole.

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

- 5 – Fire hydrant repairs performed.
- 3 – Fire hydrant pump outs performed.
- 303 – Fire hydrant inspections performed.
- 1 – Valve exercised.
- 5 – Valve box repairs.
- 1083 – Line locates performed.
- 3 – Water main shut outs performed.
- 2 – Water line leak investigations performed.
- 5 – Plan reviews performed.
- 14 – Inspections projects.

WATER DISTRIBUTION

- 41,010 – approximate gallons lost due to water main leaks.
- 743,220 – approximate gallons lost due to water service line leaks.
- 1 – Water main break repair performed.
- 8 – Water meter pit installations performed.
- 7 – Water service line repairs performed.
- 3 – Fire hydrants replaced (complete replacement).
- 1 – Water service disconnected.
- 27 – Yard restorations performed.

WATER PLANT/WELL ACTIVITY

FHWTP

- Contractor replaced double doors at the main entrance to pump house.
- Wire was replaced for the effluent flow meter.
- Installed power wire for the sump pump in the effluent flow meter pit.
- Replaced Mission antenna for Well #8.

ILWTP

- Contractor replaced the double doors at the main entrance to the plant.
- Replaced
- Contractor replaced both thermostats.
- Replaced valve on bleach line.
- Motor for Well #15 was replaced by Peerless Midwest.
- Replaced master PLC for influent flow meter for the wells.

RWTP

- Installed temporary lights for Wells # 1&2.

Winding Ridge Booster Station

- Replaced pressure gauge.

Vehicles

- Performed vehicle maintenance on 3 vehicles.

BUSINESS OFFICE/SERVICE DEPARTMENT

May totals to be added on report for June 26, 2018 USB meeting.

BILLING ADJUSTMENTS: NONE

Jan - Apr 2018 Performance Indicators

