

May 9, 2017 – Superintendent’s Report

ADMIN UPDATE

The bid advertisements for the Richardt Water treatment Plant and Sumac Lane water main replacement projects were published in the May 4th edition of the Indianapolis Star and will be published again on May 11th.

A professional services agreement with Cornerstone Grant Management, Inc. is before the board for approval this evening and we recommend approval. The fees will be recovered as part of the soft costs included in the SRF loan for these projects. The services to be provided require experience and knowledge of the Davis Bacon federal wage rate requirements, which LU does not have. Cornerstone has also performed similar services for Lawrence in the past with our 2012 Sewer SRF loan.

The required IDEM and IDHS permit applications have been submitted for the RWTP Project and we do not anticipate any issues with those applications being approved. We have also submitted permit applications for the required Marion County and City of Lawrence permits as well.

A meeting was held with American Structurepoint to determine upon the final project scope for the 71st Street Lift Station Project, which is being designed to eliminate the chronic SSO issue with this lift station. We anticipate that some additional flow metering and system hydraulic modeling will be required prior to development of the final project plans and specifications being prepared for bidding purposes.

The Sewer Department is preparing to replace pumps at 5 lift stations as part of our sewer asset management program. These pumps are past their useful life and are presenting operational problems related to pumping capacity and excessive maintenance requirements. The total cost for these replacement pumps is approximately \$43K.

In the last several days, due to the heavy rains, the Utility has had to report 7 Sanitary Sewer Overflows at 3 locations: 46th & Post, 71st & Oaklandon Road and 12046 Sycamore Drive and 7699 53rd Street.

Operational Data for April 2017:

SANITARY SEWER SYSTEM

- 20 Lift station work orders completed.
- 7 Grinder pump work orders completed.
- 50 Manhole inspections completed.
- 17,510 feet of sanitary sewer main cleaned.
- 14,304 feet of sanitary sewer main inspected using SL Rat equipment.
- 1870 feet of sanitary sewer main CCTV'd.

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

- 639 Line locates performed.

- 29 Water main valve boxes repaired. Checked all valve boxes in areas where road re-surfacing projects are being performed.
- 11 Fire hydrant repairs completed.
- 4 Water main leak investigations performed.
- 1 Water main shut out performed.
- 9 Plan reviews performed.
- 4 Project inspections performed.
- 2 Pre-construction meetings attended.
- Water main flushing West of Post Road was completed and water main flushing East of Post Road has begun.
- Performed shut out for Oaklandon Tower inspection and then filled tower after completion.

WATER DISTRIBUTION

- 1 Water main break repair.
- 3 Water service meter pit installations.
- 6 Water service line leaks repaired.
- 1 Concrete restoration completed.
- 16 Yard restorations completed.

WATER PLANT/WELL ACTIVITY

Fort Harrison WTP:

- Programmed and installed a PLC that replaced the relays that controlled the high service pumps.
- Replaced mission circuit board for HS1.
- Replaced a QDOS pump head at pump house.
- Cleaned injector quill at the filter and pump house.
- Backup generator was serviced and replaced battery and charger.

Indian Lake WTP:

- Replaced relay for sump pump at well #15.
- Cleaned out the drain line for well # 15 to allow stand pipe to drain properly.
- Cleaned injector quill.
- Sealed the roof vent at WTP to stop leak.
- Repaired leak on bleach bulk tank fill line.
- Replaced pump head on QDOS post bleach pump.

Richardt WTP:

- Rebuilt bleach pump.
- Changed membrane on chlorine analyzer.

Winding Ridge Booster Station:

- Backup generator was serviced.

Oaklandon Tower:

- Tower was drained, cleaned, and then inspected by Tank Industry Consultants. After samples returned, tower was filled and put back in service.

BILLING ADJUSTMENTS:

Customer at 8024 E. 59th St. is requesting an adjustment in the sewer portion of the utility bill in the amount of \$255.75 due to a leak in the service line. LU staff investigated and determined the water did not enter the sanitary sewer. We recommend approval.

Customer at 4501 N Hartman Dr. is requesting an adjustment in the sewer portion of the utility bill in the amount of \$954.76 due to a leak in the service line. LU staff investigated and determined the water did not enter the sanitary sewer. We recommend approval.