

February 13, 2018 – Superintendent’s Report

ADMIN UPDATE:

Work is proceeding as expected and as desired on all our capital improvements projects.

The Sumac Water Main project is still not 100% closed out as the contractor has not completed all the cleanup work and some of the punch list items. They have been notified of the potential for liquidated damages allowed under the contract and encouraged to complete the work ASAP.

We are awaiting a field recon meeting to discuss the possibility of getting a visual/electronic inspection done on the 24-inch sewer pipe under Indian Lake with Red Zone, a firm contacted by our engineering team at American Structurepoint.

We are seeking approval of a Right Of Entry, which was granted by the Lawrence Board of Works for the sanitary sewer main installation at 4326 Sellers Street. This is a part of our 2017 Lawrence Trades District Sanitary Sewer Main project for which we require easements in order to avoid placing the new main in the street. The obtaining of the easements do not adversely impact the marketability of the property and will benefit the city and local business owners during the course of the installation by lowering installation costs and allowing normal traffic patterns to be maintained to the businesses in the project area.

We are working with our engineering team at ASI in order to add an additional pipe segment to be rehabilitated as part of the 2017 Trades District Project. As soon as we have the Change Order paperwork completed we will be seeking approval for adding this work onto the contract. Right now it looks to be an increase of approximately \$25,000, making the revised contract amount \$343,338. Recent CCTV showing structural defects and inflow and infiltration problems, and the fact that we are performing rehab work on the segment immediately upstream as part of this project indicate that this is the best time to get this needed work done. There is funding available in the sewer capital budget to add this work.

Work has begun to complete and submit an OCRA grant application for the purpose of performing additional water main improvement work. A flyer went out with the February Lift to alert our customers about the required income survey, which Cornerstone Grant Management will be conducting for us.

Operational Data: January 2018

SANITARY SEWER SYSTEM

- 15 Lift station work orders performed.
- 6 Grinder pump station work orders performed.
- 22 Sanitary sewer manholes inspected.
- 1,027 linear feet of sanitary sewer main cleaned.
- 1,736 Linear feet of sanitary sewer main CCTV'd.
- 4 sanitary sewer pumps rebuilt.
- Assisted with two water main breaks and one water service line repair.
- Assisted DPW with plowing/salting during snow/ice events.
- Assisted Service Department with non-pay turn offs and resumes.
- Began locating force main at Richardt Park for the Upper Pogues Run stormwater improvements project

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

- 299 Line locates performed.
- 3 Water main valve boxes repaired.
- 134 Fire hydrants pumped out to prevent freezing. Hydrants on the watch list are checked weekly to keep from freezing and are thawed as needed.
- 4 Fire hydrants rebuilt.
- 4 Fire hydrants struck by vehicles and have been placed out of service until hydrant can be totally replaced, no police reports associated with any of the 4 struck.
- 7 Water line shut outs for water main repairs.
- 10 Water main leak investigations.
- Assisted Service Department with non-pay turn offs and resumes.
- Assisted DPW with plowing/salting during snow/ice events.

Plan Reviews

- Lawrence Village Section 3
- Pogues Run storm water rehabilitation project.

Inspections

- Greens @ Winding Ridge Section 6: Sanitary sewer testing. Water main installed and testing.
- Storage of America: water main installed, bacteriological samples pending.
- Harrison Hill Elementary: Final inspection still pending.
- Tim Horton's: Final inspection still pending.
- Westminster: Exterior inspection still pending.
- Indian Creek Elementary: Exterior grease trap and grinder pit inspection passed.
- Masonic Lodge: Water line installed and testing has begun.
- Disconnect for building in Esquire Plaza complex.

WATER DISTRIBUTION

- 7 Water main break repairs performed.
- 7 Water service line repairs performed.
- 2 Water service meter pit installations performed.
- 1 Fire hydrant repair performed. (Dug up the entire hydrant to straighten & check for leaks after it was struck by a vehicle.)
- Assisted Service Department with non-pay turn offs and resumes.
- Assisted DPW with plowing/salting during snow/ice events.
- Approximate unaccounted for/ lost water from water main and service line leaks for January 2018 = 4,068,728 gallons.

WATER PLANT/WELL ACTIVITY

Fort Harrison WTP

- Cleaned chemical injector quills.
- Removing old insulation from gallery piping and filters.
- Replaced floor drain grates that had deteriorated creating a safety hazard.
- Repaired leak on DI tank.
- Exercised the backup generator with a load.
- Finished heater replacements in well houses.
- Replaced Well 9 motor.
- Replaced packing around Well 9 shaft.

Indian Lake WTP

- Replaced water heater.
- Replaced sink in restroom.
- Installed a new model of QDOS chemical feed pump to demo for 90 day trial to see if it works better for our application.
- Cleaned chemical injector quills.
- Repaired leak on post bleach line.

Richardt WTP

- Repaired leak on bleach transfer line.

Winding Ridge Booster Station

- Began installation of a Mission circuit so station can be monitored online.
- Exercised the backup generator with a load.

BUSINESS OFFICE/SERVICE DEPARTMENT

- January totals will be on February 27th report.

BILLING ADJUSTMENTS:

6053 Honeywell Dr – customer is requesting an adjustment in the sewer portion of the bill in the amount of \$420.74 due to a service line leak. We recommend approval

7726 Blackthorn Cir – customer is requesting an adjustment in the sewer portion of the bill in the amount of \$2150.54 due to a service line leak. We recommend approval