



June 11, 2024 – Superintendent’s Report

ADMIN UPDATE:

Phase I of the Fort Harrison Sanitary Sewer Capacity Improvements Project is nearing completion. A project walk through is scheduled for June 18, 2024 to note any issues and have contractor address those issues that may need to be corrected prior to closing out the project and processing the final pay application.

Due to multiple failures recently on the sanitary sewer line that runs down Shafter Avenue from Post Road to Glenn Road we will be working with our engineer to start design and construction of Phase III of the Fort Harrison Sanitary Sewer Improvements Project with a start in late 2024 to early 2025. The planning level cost estimate from the engineer placed the cost at approximately 3 million dollars from our sanitary sewer bond money. This project will also help reduce Inflow & Infiltration (I&I) due to the condition of the main and manholes on this section of sewer main.

ADS has sent the flow data from the Indian Creek Interceptor Flow Study recently performed to American Structurepoint for review. The data will be used to update/calibrate the hydraulic flow model for the interceptor and provide information on areas along the interceptor that we will need to focus on for future Inflow & Infiltration (I&I) reduction projects. We hope to have all the data reviewed and the model updated by the end of summer this year.

The Brookside Park Phase II Water Utility Improvements Project is still underway. The contractor has all the new water main and service lines installed and in service but still have concrete and yard restorations to complete along with performing a walk through to note any items that need to be addressed by the contractor before we close out the project and process the final pay application.

The Utilities will also begin working with American Structurepoint to identify, design, and put out for bid one if not two I&I Reduction Projects in areas of the city that directly impact chronic sanitary sewer overflow (SSO) locations noted on the Administrative Order on Consent (AOC) that we are currently under from the Environmental Protection Agency (EPA).

Conexco Inc. has begun the potholing work to identify water service line pipe materials as required by the Environmental Protection Agency (EPA) in the areas of the city where the houses were built in 1973 or earlier. Completion date for this first phase of the project funded by the \$400,000 forgivable BAN is August 11, 2024. Additional work will need to be performed to complete the inventory and the estimated costs for the remainder of the work to be completed by October 2025 is \$1.2 million that will be funded from the Utility Capital funds if further grant money is not available.

We have two sanitary sewer billing adjustments on the agenda for this evening. We recommend approval of them both.

Operational Data: May Totals

SANITARY SEWER SYSTEM

- (56) Sanitary sewer lift station work-orders completed.
- (3) Sanitary sewer grinder pump work orders completed.

- (8) Sanitary sewer manholes repaired.
- (12) Sanitary sewer manholes inspected.
- 11,546 LF of sanitary sewer main cleaned.
- 1,780.3 LF of sanitary sewer main CCTV'd.
- Cut and trim grass as needed.

Water Distribution Underground Maintenance

- (2) Water main repairs completed.
- (7) Water service meter pit installation completed.
- (3) Water service line repairs completed.
- Performed water meter pit investigations to confirm pipe material for the required lead service line inventory by the EPA.
- (5) Fire hydrants repaired.
- (12) fire hydrant inspections performed.
- (10) water main valve boxes repaired.
- (7) Water main valves exercised.
- (4) Water main shut outs performed.
- (2) Water main leak investigations performed.
- (34) Project inspections performed.
- Performed vehicle and equipment maintenance as needed.
- Maintained all street and sidewalk cuts until final restoration can be made.

WATER PLANT/WELL ACTIVITY

Fort Harrison Water Plant

- Cleared downed tree at Well #10 and on roadway and by fence.
- Collected Well readings and checked Well buildings for heat and security.
- Received chemical delivery.
- Cut and trim grass as needed.
- Repaired chlorine line at filter house.
- Peerless Midwest on site to CCTV Well # 8.
- Routine PM performed on generator by Evapar.
- Repaired service line leak at pump house.

Indian Lake Water Plant

- Received chemical delivery.
- Cut and trim grass as needed.
- Cleaned aerator screens.
- Routine PM performed on generator by Evapar.
- Collected Well readings and checked Well buildings for heat and security.
- Repaired chlorine line leaks in bulk chlorine storage room.

Richardt Water Plant

- Received chemical deliveries.
- Picked up trash and cleaned the fence row.
- Cut and trim grass as needed. Routine PM performed on generator by Evapar.
- Collected Well readings.

Winding Ridge Booster Station

- Performed security inspections and picked up trash around the fence row.
- Cut and trim grass as needed.
- Cut and trim grass as needed. Routine PM performed on generator by Evapar.

52nd Street Tower

- Performed security inspections and picked up trash around the fence row.
- Cut and trim grass as needed.

Oaklandon Tower

- Performed facility security inspections and picked up trash around the fence row.
- Cut and trim grass as needed.

Water Quality Samples

- 50 water samples were taken from the distribution system and taken to an independent lab for testing.
- Fluoride samples collected and delivered to MCHD.

Routine Inspections

- Performed inspections on all backup generators at all locations.

BILLING ADJUSTMENTS:

- 5411 Sweetwater Drive - customer is requesting a sanitary sewer adjustment for \$563.27 due to a service line leak. We recommend approval.
3-month adjustment, average consumption is 7009 gal, 25405, 38056, 17101 gallons adjusted.
- 4501 N Hartman Drive - customer is requesting a sanitary sewer adjustment for \$4732.58 due to Service line leak. We recommend approval.
3-month adjustment, average consumption is 3508 gal. 110541, 237199, 215576 gallons adjusted.