

(May 7, 2020 Board Meeting)

Attachment 2
CO Status Report February and March 2020

15-124-3P, Conversion of Two Gravity Concentration Tanks to Primary Sludge Fermenters, SWRP. This contract was awarded on September 14, 2017 with a contract completion date of October 2, 2018. Contract 15-124-3P is four separate projects:

- **Conversion of the gravity concentration tanks to fermenters.** The equipment has been installed, tested, and accepted. We have issued a contract change order to provide permanent seal water to the new pumps.
- **Gas Detection System for the Gravity Thickening Building.** The equipment is installed, tested, and accepted. The gas detection system is operational and in use.
- **Digester Gas Conditioning System.** The equipment is installed. A minor electrical change order is needed in order to finalize the system for testing. Approval of the change order is expected in the near future. Due to COVID-19 the contract required equipment training, for the Trades workers, may have to be performed by way of video training.
- **Rehabilitation of the Existing Digester Gas Hydrogen Sulfide Cleaning system.** This work is a contract Allowance Item. The majority of the work is complete. The work will be finalized and tested by way of Contract 17-134-3MR.

09-182-3E, D799 Switchgear Replacement, SWRP. The contract was awarded on January 6th, 2016, with an original contract completion date of January 4th, 2019. Due to difficulty in obtaining Stickney WRP process shutdowns, the contractor was granted a time extension with a new contract completion date of November 18th, 2019. Substantial completion was achieved on October 2nd, 2019, and all 60-day tests were completed successfully. The contractor is working on punch-list and close-out items, and final completion is expected by the middle of this year.

14-252-5F, Flood Control Project at Natalie Creek in Oak Forest and Midlothian, CSA. The contract was awarded on September 27, 2018, with a contract completion date of September 25, 2020. The project includes (5) five new culverts, of which (2) two culverts have been installed and the installation of the remaining (3) three culverts is underway. The project also includes (2) two detention basins, which have been constructed, and modification of an existing detention basin at 149th Street and Kilpatrick Ave which is still under construction. The anticipated completion date is 264 days behind schedule as of March 31, 2020, due to some field adjustment to the existing grades and to the interference of ComEd facilities with the installation of (2) two culverts. Close out of this contract will follow, and final payment will be made upon settlement of all change orders and claims submitted on the contract.

17-844-3P Furnish and Install Odor Control System, CWRP, HPWRP and KWRP. Contract is currently 144 days behind schedule. Final completion date is now January 18, 2021 per the latest schedule update. Odor control equipment has been delivered to Calumet Plant with the two large vessels mounted to the concrete pad. Odor control

equipment work at Hanover Plant is on hold until duct bank damaged in November 2019 is repaired. Work at Kirie and Calumet will continue.

13-106-4F, McCook Reservoir Des Plaines Inflow Tunnel, SSA. The contract was awarded on June 16, 2016 and work in the reservoir was completed on July 21, 2017. The excavation and lining of the tunnel is complete with the exception of the tie-in to the existing Des Plaines Tunnel. Temporary bulkheads have the tunnel isolated from both the McCook Reservoir and the Des Plaines tunnel to now allow for continuous work on the gate shaft. The concrete lining of the gate shaft is currently underway. The Control Building adjacent to the gate shaft is also progressing. The building structure is complete, and the contractor is currently planning to install the permanent power to the building. The main hydraulic power units for the gates which will be housed in the control building have been fabricated but are not yet onsite. The contract completion is estimated to be in late Summer of 2021.

14-263-3F, Melvina Ditch Reservoir Improvements, SSA. The contract was awarded on November 2, 2017, with a contract completion date of May 31, 2020. Contract work is ongoing. Further delay to contract completion occurred due to change order (CO-040), Pump 1 Removal, Rehabilitation. Additionally, there are RFPs in development to address the following issues: 60" sewer relieving from MH lids; back flow gates at the PS inlet structures; pump station inlet bar screens; rip rap stone installation at 30" sewer and pump intake structures; and reservoir security fence modifications. These change orders will impact the completion date for work within the reservoir and may impact the overall contract completion date. It is estimated that the contract will be complete on June 22, 2021.

17-842-3H, Modifications to TARP Control Structures & Drop Shafts, SSA and CSA. This contract was awarded on September 19, 2019 with a contract completion date of December 24, 2020. Due to COVID-19 the contractor has suspended all field activities. The contract required submittals and reviews continue.

16-079-3D, Rehabilitation of North Branch Pumping Station (NBPS) The contract was awarded on August 2, 2018, with a contract completion date of January 3, 2020. While performing contract repair work on the NBPS deck at El. + 20.0 and replacement of Stair B, it was discovered that several sections of the deck are in poor condition and the existing north boat dock bracket intended to support the new stairs is severely deteriorated. Due to the condition of the structures, the District requested the contractor to provide a price proposal for replacement of the entire deck and replacement of the boat dock. Upon receipt, the District reviewed the contractor's proposals and determined that addressing all of the issues associated with the existing deck at El. +20.0, the boat dock, and other concrete structures at the North Branch Pump Station, would result in a significant increase to the contract value due to change orders and would significantly delay the contract completion date.

Stop work orders were issued directing the contractor to cease all remaining contract work except for the lump sum and change order underwater column repair work. The District also issued a change order to secure the site. A request for proposal (RFP-8, Final Settlement of Contract) was issued to the contractor requesting a credit proposal

for deletion of work identified in the stop work orders and for any additional claims/incurred costs.

The contractor recently received approval on submittals associated with the underwater column repair work. However, a notice of delay was issued by the contractor on April 6, 2020, indicating that the contractor cannot proceed with the underwater column repair work due to the COVID-19 pandemic and safety concerns. The current situation with the pandemic will result additional delay to contract completion.

06-155-3S, Salt Creek Intercepting Sewer #2 Rehabilitation. Substantial completion was achieved on December 19, 2019. The contractor is working on punch-list and close-out items. Remaining items include weather dependent work, such as restoration of disturbed landscaping and sidewalk for local municipalities. Also, other outstanding items require documentation from right-of-way grantors and local municipalities. These include documentation for the abandonment of sewer bypass lines and the resolution of claims of damage due to sewage backups in the Village of Riverside. Final completion is anticipated in May 2020.

17-276-3D, Structural Repairs and Roofing Replacement at 95th Street Pumping Station. Phase 1 roof replacement was completed on November 27, 2019. Phase 2 roof demolition and replacement work is currently scheduled to begin in June of 2020. Contract is currently ahead of schedule and due for completion on December 21, 2020.

04-128-3P, Westside Primary Settling Tanks 1-9 and Aerated Grit Tanks, SWRP. The contract was awarded on December 23, 2014, with a contract completion date of April 6, 2018. Substantial Completion was reached on December 4th, 2018, and the 60-day operation tests have commenced. Due to the difficulties with grit collection process the 60-day test was suspended twice and recently re-started on October 17, 2019 and has been cancelled again on January 22, 2020. Further problems with grit processing equipment have been found including broken shaftless screw conveyor shaft in Grit Tank No 5. The ongoing investigation, equipment installation evaluation and repair will further extend contract completion date. The delay to contract completion date may also occur due to the ongoing work for change order CCO-185: Modify Scum Beaches; and contractual work of sprockets and chain tensioner installation. The flow has been redirected to old Imhoff tanks. 60-day test will be restarted when above issues are resolved. Close out of this contract will follow, and final payment will be made upon settlement of all change orders and claims submitted on the contract.