

(October 19, 2023 Board Meeting)

Attachment 2  
CO Status Report September 2023

**19-542-3MR, Central Boiler Facility and Electrical Updates, HPWRP, Rebid.**

The contract was awarded on November 4, 2021, and had a start date of December 8, 2021. The contractor has completed site utility relocation work, demolishing the existing and installing the new electrical duct bank. Continued progress is being made with the electrical upgrade work in the Digester Control Building. The Central Boiler Facility's excavation work is completed, with concrete work to be completed by the end of 2023. Recent change orders include COR-16 and COR-17. COR-16 is for an extra of \$588.52 to relocate an existing fiber optic conduit obstructing the installation path of a new 8-inch digester gas pipe. COR-17 is for an extra of \$1,646.70 to extend the wall sleeves from the existing east wall of the Digester Complex Building by 2" to meet the west wall of the Central Boiler Facility, since the Digester Complex Building wall deviates from true north/south alignment. The current contract completion date is September 2, 2024. The latest schedule is showing a 198-day delay which has lately been attributed to the plumbing redesign of the electrical vault (RFP-5). The contractor hopes to make gains on the delay by continued progress through the fall and winter months.

**18-254-3P, Chemical Phosphorus Removal Facility, CWRP.**

The contract was awarded on August 11, 2022, and had a start date of August 29, 2022. To date, the contractor has completed Battery A, B, C, and Battery E pump building foundations, walls and siding, containment area foundation, walls and stairs, tank pads, mechanical equipment pads, Battery E road work, and some sections of FA piping. Five FRP FA storage tanks have been delivered. They are currently installing junction boxes at pump buildings at Battery A, B, C, and Battery E, and FA piping at Tunnel A and Tunnel C. CO-15 is a credit to the District due to unforeseen conditions related to a new pump for the phosphate analyzer. The contract includes a new submersible pump for conveying primary effluent to the new phosphate analyzer and refrigerated sampler in the Fine Screen Building. However, isolating the primary effluent conduit and lowering its water elevation for the pump installation is not feasible. The existing pump will be adequate to convey the flow to the new phosphate analyzer and refrigerated sampler. The current contract completion date is February 9, 2024. Latest schedule shows the project 156 days behind, but that is expected to improve with the next update.

**20-859-3SR, Drop Shaft Modifications and Collection Facilities Work, NSA, Rebid.**

The contract was awarded on November 17, 2022, with a start date of December 13, 2022, and a contract completion date of January 16, 2024. To date, the contractor has completed the work associated with the modification of the Upper Des Plaines 11A structure to redirect flow from the Upper Des Plaines Interceptor Sewer 11B to Drop Shaft 8, improving the efficiency of the sewer system. Materials are currently being fabricated off-site to be installed at Control Structure 10, Drop Shaft 8, and Drop Shaft N19. Change Order CO-01 is an extra to modify the control room entrance hatch on the sluice gate structure at DS-N19 in order to maintain functionality and secure access to

the DS-N19 vault chamber. The project is currently 67 days behind schedule with an estimated final completion date of March 23, 2024.

**14-258-5F, Flood Control Project in the vicinity of 135th Street and Central Avenue in Crestwood, CSA.** The contract was awarded on March 3, 2022, and currently has a projected final completion date of October 13, 2023, based on the estimated time to complete the work that remains to achieve the final completion milestone. The current delay on the project is due to traffic controls for an IDOT project on 127th Street being in the way of pavement striping work on Cal-Sag Road. Coordination is on-going and IDOT is expected to accommodate access to the Cal-Sag Road in the coming weeks. The contractor has completed all contract work except for pavement striping and has addressed punch list items identified at the final walkthrough. Change Order 14 is an extra for Tree Branch Removal at STA 324+00, completed August 3, 2023, to remove from Crestwood ditch a large fallen tree branch to avoid any streambank erosion and/or flooding upstream. Change Order 16 is an extra for Pavement Sealing between STA. 240+00 to 243+00, completed September 29, 2023, to seal a portion of existing asphalt pavement for the Nathan Hale School driveway that was utilized for construction.

**07-027-3SR, North Side Sludge Pipeline Replacement - Section 1, NSA, Rebid.** The contract was awarded on June 16, 2022, with a start date of June 24, 2022, and a contract completion date of February 17, 2025. Installation of the directionally drilled pipe has been completed along Howard Street adjacent to the O'Brien plant and on McCormick Boulevard between Howard Street and Devon Avenue. Installation of the pipe on Devon Avenue between McCormick Boulevard and Cicero Avenue, the construction of underground structures, and installation of mechanical piping within the structures are in progress. Change Order 7 is an extra for furnishing and installation of additional rebars in the roof slabs of the clean-out and blow-off structures on Devon Avenue. The project is currently 177 days behind schedule with an estimated final completion date of August 13, 2025.

**17-134-3MR, Odor Control Facilities at Sludge Concentration, Southwest Coarse Screen, Overhead Weir, and Post-Centrifuge Building, SWRP, Rebid.** The contract was awarded on September 5, 2019, with a start date of September 24, 2019, and a contract completion date of August 3, 2021. Two time extensions were granted totaling 137 days, revising the contract completion date to December 18, 2021. All three biofilter building structures are completed and their associated biofilter odor control systems are nearing completion. Change Order 31 is an extra to provide additional conduit and wiring to power flow meters at the biofilter buildings. Start-up of the biofilter systems may yet take place in the fall of 2023. The estimated final completion date of the project is April 22, 2024.

**21-091-3P, Phosphorus Removal Modifications to Battery D, OWRP.** The contract was awarded on June 15, 2023, with a start date of July 6, 2023, and a contract completion date of January 3, 2025. The contract is currently in the submittal phase, and field work has not commenced. Change Order 2 is an extra for furnishing, installing, and maintaining a sign for the project as a requirement of the U.S. Environmental Protection Agency (EPA) grant-funded State Revolving Fund (SRF) loan.

**15-069-3D, Rehabilitation of Steel Spandrel Beams of Pump and Blower House, OWRP.**

The contract was awarded on April 7, 2022, with a start date of April 29, 2022, and a contract completion date of May 2, 2025. To date, the contractor has mobilized and erected hydro-scaffold systems on the south and west faces of the Pump and Blower House, exposed and abated the steel spandrels at the intermediate and roof levels, and is in the process of installing additional spandrel steel reinforcement, flashing, and protective coatings and rebuilding the parapets within these areas. The contractor also mobilized and erected the scaffold system on the east face and began parapet demolition work. Change Order 4 is an extra for relocation of the roof skylight actuator conduit to facilitate the sheet metal roof replacement. The project is currently 427 calendar days behind schedule with an estimated final completion date of July 3, 2026.

**17-135-3V, Roof Replacement of the Lue-Hing M&R Complex, SWRP.**

The contract was awarded on December 1, 2022, with a start date of December 29, 2022, and a contract completion date of December 27, 2024. The existing roofing system has been removed and a temporary roof system has been installed. Work continues for various mechanical and architectural items at the roof level. The new permanent roof installation, which started in late September, is expected to be completed by late November 2023. Change Order 4 is an extra to provide vertical closure sheathing at the edge of the roof in order to continuously secure the edge installation of the temporary roof/vapor barrier membrane, which remains in place under the new roofing system being installed. The project is currently 14 days behind schedule with an estimated final completion date of January 10, 2025.

**21-260-4H, Thornton Rock Dam Treatment and Geotechnical Instrumentation, CSA.**

The contract was awarded on March 17, 2022. The anchors and drains for the rock dam treatment are complete. All instrumentation has been installed and confirmed to be working. There is one inclinometer that is unable to communicate with the CPU. Change Order 7 was issued to modify that inclinometer station to include a cellular modem to enable it to communicate with the rest of the system. Once the cell modem is installed, remaining work consists of training and conducting a 60-Day test on the instrumentation. It is expected that the contract will be complete near the end of 2023.