

**Minutes of a Meeting
of the**

ENGINEERING & CONSTRUCTION COMMITTEE

DuPage Water Commission
600 E. Butterfield Road, Elmhurst, Illinois

January 16, 2025

Chairman Fennell called the meeting to order at 6:00 P.M.

Committee members in attendance: D. Bouckaert, J. Fennell, D. Novotny and J. Zay

Committee members absent: F. Saverino

Also in attendance: D. Cuvalo, J. Loster and M. Weed

Commissioner Bouckaert moved to approve the Minutes of the November 21, 2024, Engineering & Construction Committee Meeting of the DuPage Water Commission. Motion seconded by Commissioner Novotny and unanimously approved by a Voice Vote.

Engineering Manager Loster provided a report of the ongoing Operations and Maintenance activities as listed in the Report of Status of Operations and Board Action Items and provided a report on the Status of Capital Construction, Capital Engineering and other Improvement Projects.

Engineering Manager Loster advised the Committee of recent and ongoing maintenance items including the rebuilding of the reservoir influent and effluent surge relief valves in December as well as High Lift Pump No. 3 recently experiencing start-up issues. Additionally, he indicated that planning for the High Lift Pump Isolation Valve Replacement Project is underway, with the work planned for early February. Regarding R-6-25, Engineering Manager Loster indicated that the resolution would allow the General Manager to purchase material and services from WEG Electric Machinery as needed, in order to maintain the high lift pump motors, at a cost not to exceed \$100,000.

Engineering Manager Loster also updated the Committee regarding the City of Chicago's transition from a blended phosphate treatment to an orthophosphate treatment. He indicated that Staff continues to share information with customer communities and monitor specified water quality parameters to ensure there are no issues with the water that the Commission is pumping out. He also noted that the transition is expected to continue through late spring.

Regarding the ongoing discussions with the City of Chicago regarding Lexington, Engineering Manager Loster advised the Committee that there are no substantive updates to share. He stated that staff continues to await progress updates from the City regarding the SCADA View Node, which remains in a state of failure, as well as the vibration analysis equipment which continues to require replacement.

With respect to the Alternate Water Source Project, Engineering Manager Loster noted that staff will be reaching out to the Village of Northbrook in the near future to discuss permitting for some planned tree clearing and debris removal on the site. He stated that the work is planned for the middle of winter once the ground is substantially frozen, in order to minimize impacts to the site.

Engineering Manager Loster noted that Pipeline and Remote Facilities Staff continue to inspect and maintain remote facilities and are currently working with DeLasCasas to perform testing and maintenance at designated feeder main and meter station locations.

Regarding R-9-25, Engineering Manager Loster advised the Committee that this action appears on the agenda to approve Work Authorization Order No. 30 to QR contractor Rossi Contractors to address maintenance work that is needed at various locations throughout the Commission's distribution network in the amount of \$123,000, which includes a 10% contingency.

Engineering Manager Loster also noted that the work identified in resolution R-10-25, also with Rossi Contractors, is necessary to establish existing site conditions in preparation for future efforts related to cathodic protection improvements. He stated that the contract is in the amount of \$91,200, which includes a 20% contingency, noting that the increased contingency is due to a higher risk of potential field changes needed, only to be utilized as deemed necessary by Staff.

Regarding R-12-25, Engineering Manager Loster advised the Committee that this action appears on the agenda to authorize the General Manager to purchase custom manhole frames and lids in the amount of \$48,867, in order to replenish the Commission's stockpile which is used to replace broken or aging frames and lids as opportunities arise.

Engineering Manager Loster reported on the progress of the SCADA Replacement Project, stating that the work continues to progress with all campus control panels having been replaced and current efforts currently focused on the factory acceptance testing for remote telemetry units at meter station locations. He also noted that inspection and maintenance of all remote site antenna systems is currently underway and that Staff has also completed upgrades to the access control security system at the pump station facility.

Regarding R-4-25, Engineering Manager Loster advised the Committee that this action appears on the agenda to approve the purchase and installation of ten additional security cameras from Schneider Electric to address gaps in current coverage of the pump station campus. He indicated that the cost of the project is \$128,000.

Moving on to engineering and capital improvement work, Engineering Manager Loster stated that the ongoing cathodic protection project on the TW-2 pipeline has been closed out for the year. Additionally, he noted that of the eight sites completed, a small portion of work remained at one site due to permitting issues which will be resolved over the winter and the remaining work completed in spring. He also advised that staff continue to work with AECOM on the design of a joint metering and pressure adjusting station for the Village of Lombard's fifth connection point which will likely to be completed in spring, with construction to follow at Lombard's discretion.

Regarding the WaterLink Project, Engineering Manager Loster stated that the phase II effort continues and is just over 60% complete with nearly all field work having been finalized, save for a few locations at the delivery sites. He advised the Committee that plans have been developed to the 90% stage with permit submittals scheduled over the next few weeks. Engineering Manager Loster also shared that the corrosion control study continues to progress and is nearing the point that will mark the change from the acclimation phase to the transition phase, wherein water from Chicago will be circulated through the harvested piping to simulate the conditions when the WaterLink Project is completed. He noted that the overall study is anticipated to continue through November of this year.

With regard to property acquisition on the WaterLink Project, Engineering Manager Loster stated that associated efforts have begun and noted that there will likely be a total of 100-150 easements needed on the project. He stated that Staff plans to bring the action items to the Board in batches starting in February or March and will need to do so in two phases, the first of which will seek general authority to negotiate and the second will be to authorize approval to make the designated offer.

Regarding R-11-25, Engineering Manager Loster advised the Committee that this action appears on the agenda to approve a contract with Burns & McDonnell to provide construction engineering services on the Book Road bid package as well as to complete the initiation phase of the Program Manager role on the WaterLink Project. He noted that additional 12-month duration contracts would be brought forward for additional approval to more specifically identify the needs within the Program Manager role and that those components currently on the agenda are in the amount of \$3,613,698.

Regarding R-13-25, Engineering Manager Loster indicated that this action appears on the agenda to authorize the General Manager to purchase three valves to accommodate the WaterLink connection to the existing Commission distribution network. He stated that the connection needs to be made during a low-flow time of year and, due to excessive lead time, Staff believes it prudent to obtain the valves prior to awarding the construction contract in order to ensure that the valves are on hand to accommodate the ideal connection schedule. Engineering Manager Loster noted that the cost for these three valves is \$176,126.

With regard to resolution R-7-25, Engineering Manager Loster advised the Committee that this action appears on the agenda to approve a contract with Classen, White and Associates to perform survey work at 13 meter station locations in order to supplement the Commission's hydraulic model where pipeline elevations were noted to have been inaccurate. He stated that this work would entail the establishment of benchmarks at these locations, tied to the appropriate datums, and the re-surveying of associated pipeline elevations for inclusion in the hydraulic model at a cost of \$34,019.

Chairman Fennell inquired with the Committee if there were any further questions regarding the action items. Hearing none, Commissioner Bouckaert moved to recommend approval of items 2 through 9 of the Engineering and Construction Committee portion of the Commission Agenda (Items IV through XI on the Engineering and Construction Committee Agenda). Seconded by Commissioner Novotny and unanimously approved by a Voice Vote.

Commissioner Fennell asked the Committee if any other business or other items to be discussed. Hearing none, and with no other items coming before the Committee, Commissioner Bouckaert moved to adjourn the meeting at 6:20 P.M. Seconded by Commissioner Novotny and unanimously approved by a Voice Vote.