

District Engineering manages projects, consultants, contractors, and equipment suppliers. Consultant reports and Project Managers reports are included in this section along with details regarding the status of the associated study, design, or construction projects.

## **ACTIVE PROJECTS**

### **22ENG31 ADMINISTRATIVE WORKFORCE CENTER**

SCOPE: Construction and commissioning of a new 26,000 sq ft Administration Building. The building includes the addition of a new Wastewater Treatment Plant laboratory facility, administration offices, maintenance offices, break room, multi-purpose meeting room.						
Contractor: Christy- Foltz			Original Contract Price: \$14,961,550			
Engineer: AEX			Sum of Change Orders: \$27,064			
R.E. Inspector: SDD			Total Value: \$14,988,614			
Advertise	Pre-bid	Bid Open	Final Award	Notice to Proceed	Pre-Construction	Contract Completion Dates
06/25/24	07/02/24	07/30/24	09/27/24	10/09/24	10/08/24	10/9/25

**Key Activities:** Ongoing construction. Exterior and interior walls are being installed and piping, HVAC, electrical is on-going as well. Mechanical equipment is being installed in the penthouse.

Roofing System issues have been resolved, and drywall in the lab is installed and wall tile installation is ongoing.

Drywall install is 90% installed (excluding finish work). Exterior insulated panels are being installed.

#### **Issues:**

**Laboratory Cabinetry:** Supplier of the lab cabinetry is late in planning the production of the cabinets. The delivery of the cabinets is estimated to be 12 weeks out with a one-month installation time.

#### **Future Change Items**

Num.	Description	Est. Value
1	Removal of excessive stone in preparation for seeding from geothermal wellfield.	\$2,981.00
2	RFP-08 Cabinet Modifications/casework deletions	( \$3,550.11 )
3	Decrease in plant water piping length	( \$9,900 ) Est
4	Decrease in NG line installed	( \$968 ) Est

### **25ENG18 Force Main Inspection – Asset Management Inspection Program**

Annually, the Sanitary District investigates the internal condition of portions of both gravity sewers and force mains. This year's agreement is for a condition assessment of two force mains, Damon South and Larkdale.

This contract was executed 6/18/2025. Staff and RJN have performed a site visit to review Larkdale FM and Damon South FM.

The Damon South air release valves are in poor shape and need to be replaced. The cost associated with these upgrades will be greater than the SDD staff spending limit of \$40,000 and is on the agenda for Trustee consideration. The replacement of these air release valves has delayed this inspection.

### **24ENG07 Digester #1 Cover Replacement Project**

*Update:* This last period two manufacturers confirmed their ability to provide Stainless Steel Radial Truss covers, consistent with the height/arch of the most recently installed cover. This replacement alternative is being costed in greater detail to confirm expected pricing.

**September 24, 2025**

---

**UPCOMING PROJECTS:**

**DESIGN – EASTSIDE INTERCEPTOR CIPP LINING**

SDD entered into a design agreement with Farnsworth Group in Sept-2024 for this project. The projected timeline/status is:

- |  |  |
|--|--|
| 1. Submission of Facility Planning Report        | 12/2024 – Submitted                              |
| 2. Topo/Boundary Survey/Easements (adj to 05/25) | 02/2025 – In Process (field recon complete)      |
| 3. Design Engineering Complete w/cost update     | <del>03/2025</del> – 08/2025 - In Process        |
| 4. IEPA Facility Planning Approval               | 06/2025 – Pending (Submitted 2/27/25)            |
| 5. Loan Application Submittal                    | 09/2025  |
| 6. Advertise                                     | 09/2025  |
| 7. Bid Open                                      | 11/2025  |
| 8. SRF Loan Approval (if rank priority is given) | xx/2026* - SRF Bypass funds become avail in Jan. |
| 9. Final Award                                   | xx/2026* - After funds are made available        |

\*Because the funding for this project is an SRF loan, there is dependence on the loan being made available prior to final award.

Design is close to finished. A separate segment underneath the railroad on the Faries Parkway Branch of this sewer was found to be compromised during our annual inspection this last month. We anticipate adding this sewer segment to the lining work for this project.

No homeowner contact has been made for Temporary construction access easements at this time. These are required for the eventual contractor to gain access to inversion manholes along the length of the interceptors. This activity will commence before the end of September.

**Nutrient Redution Improvements Planning:** Black and Veatch, SDD and all design firms have conducted kickoff meetings and detailed design activity has started.

**Plant Sludge & Sanitary Sewer Realignment:**

This project was advertised during this period we expect to open bids on October 10, 2025.

**25ENG22 Neuros Blower Installation:**

Plan sheets have been received from Clark Dietz for this effort and are needing reviewed by staff.

**Design – Miscellaneous CIPP lining Project <<No Update>>**

**INTERGOVERNMENTAL ACTIVITIES**

1. Staff has continued participating in meetings as needed with the CITY and ADM for the “NE quadrant work group” looking at water and wastewater needs in this corridor. The force main routing for the City’s new Brush College pump station has been modified to traverse the street side of the houses along Damon Ave. City is continuing to attain the easements for the force main. Staff is continuing coordination of upgrades at the DAMON pumping station.

*a. Volkert has provided executed easements on behalf of SDD.*

2. The sewer separation work the CITY is performing (Oakland and Grand Sewer Project Basin 5 & 6 Storm Sewer) is underway. Major construction around the SDD Fairview structure has been completed.

If there are questions, please contact me at 422-6931 ext 216, or by email at [DonM@sddcleanwater.org](mailto:DonM@sddcleanwater.org).

**September 24<sup>th</sup>, 2025**

District Engineering manages projects, consultants, contractors, and equipment suppliers. Consultant reports and Project Managers reports are included in this section along with details regarding the status of the associated study, design, or construction projects.

## **ACTIVE PROJECTS**

### **22COL12 Damon Ave. Pump Station Upgrades**

SCOPE: Project involves installation of two new electrical service duct banks, installing pre-procured dual service switchboard and ATS, and installation of contractor supplied 1600amp CT cabinet and electrical service meter bases.						
Contractor: Bodine Electric			Original Contract Price: \$ 196,830			
Engineer: SDD			Sum of Change Orders: \$0			
R.E. Inspector: SDD			Total Value: \$ 196,830			
Advertise	Pre-bid	Bid Open	Final Award	Notice to Proceed	Pre-Construction	Contract Completion Dates
07/02/24	7/9/24	8/1/24	9/27/24	9/27/24	10/15/24	90 days

**Key Activities:** All work contracted to Bodine Electric is completed. SDD Engineering is coordinating the repair of fencing that was disturbed during the transformer installation (under separate contract).

**Change Order:** Additional contract time was required due to material delays, freezing temperatures, and changes in project scope mandated by Ameren. A reduction in the contract price is submitted to account for the removal of line items, reduction in quantities of line items, and a decrease in unit prices for concrete duct banks. *This is for trustee consideration under old business.*

### **22ENG43 Dewatering Wells West Cluster Relocation**

SCOPE: Boring and installation of three 36" diameter wells.						
Contractor: Brotcke Well & Pump			Original Contract Price: \$419,457			
Engineer: LRE Water			Sum of Change Orders: \$0			
R.E. Inspector: SDD			Total Value:			
Advertise	Pre-bid	Bid Open	Final Award	Notice to Proceed	Pre-Construction	Contract Completion Dates
10/30/2024	11/19/24	12/17/24	1/23/25	2/25/25	2/25/25	6/10/25

**Key Activities:** All work is complete.

**Change Order:** Additional drilling time was required for well #1. The contractor encountered previously unknown construction debris from demolition of a structure in the 1970's. This debris and the effort to remove it resulted in slowed drilling operations causing a delay in the project. Adjustments to drilling depths were made on well #1 and well #2 to account for variations in the lithology and required modifications to the prefabricated well casings. Additional well packing material was necessary to increase the height of the annular packed space to maximize contact with the sand seam and conductivity to ground water. *This is for trustee consideration under old business.*

**September 24<sup>th</sup>, 2025**

### **23ENG45 Primary Clarifiers 4 and 6 Installation**

SCOPE: Installation of pre-procured mechanisms in clarifiers #4 and #6.						
Manufacturer: Kusters Water			Purchase Price:		\$1,296,742	
Contractor: Plocher Construction			Original Contract Price:		\$ 639,000	
Engineer: SDD			Sum of Change Orders:		\$ 0	
R.E. Inspector: SDD			Total Value:		\$ 639,000	
Advertise	Pre-bid	Bid Open	Final Award	Notice to Proceed	Pre-Construction	Contract Completion Dates
09/03/24 - I	10/1/24	10/29/24	11/21/24	03/20/25	3/31/25	180 days

**Key Activities:** All work is complete.

**Change Order:** Owner procured equipment from Zima required field modifications of the scum box baffles and observation platforms to account for existing conditions on the primary clarifiers. Refurbished walk bridges needed modifications to maintain alignment on the new center structures and existing mounting points on the outside of the clarifiers. *This is for trustee consideration under old business.*

### **25MNT21 Tuckpointing 2025**

SCOPE: Tuck pointing, brick replacement as necessary, replacement of caulking, replacement of expansion joints on the maintenance building and performing concrete repairs as necessary. Work will be performed on the Maintenance Complex (112/113/114/117), 203, and 217 buildings						
Contractor: Berglund Construction			Original Contract Price:		\$ 80,000	
Engineer: SDD			R.E. Inspector: SDD			
Sum of Change Orders: \$0			Total Value:		\$ 80,000	
Advertise	Pre-bid	Bid Open	Final Award	Notice to Proceed	Pre-Construction	Contract Completion Dates
05/16-2025	06/10/2025	07/08/2025	07/17/2025	08/13/2025	08/13/2025	120 days

**Key Activities:** All work is completed. Water damage to bricks on the east side of building 112 was more extensive than originally estimated. Additional bricks were replaced at unit prices stipulated in the agreement and were covered within the Miscellaneous Owner Contingency line item. Staff expects a final change order to come before the board in October.

### **25ENG17 Sewer Televising and Rating**

**SCOPE:** The project will televise and deliver PACP ratings for 40,573 lineal feet of pipe for the following interceptors: Country Club (741), Eastside (739B), Eastside (739C), Hickory Point (721), and Spring Creek (765). The total cost of the project is \$81,146 at \$2.00 per lineal foot.

**Key Activities: Completion Percentage: 90%** Sections of 739B and 739C Eastside Interceptors remain to be inspected as permits from Norfolk and Southern Railroad are still pending. A segment of 739C is not yet completed due to accessibility issues resulting from road construction on Faries Parkway.

**24ENG99 WWTP Improvements**

**SCOPE:** The project includes replacement of the broken floor in clarifier #11; replacement of 3 final clarifier mechanisms in the south final clarifier cluster, replacement of weir structures in the division structures and rehabilitation of 3 influent channel gates and rehabilitation of 20 gates in the nitrification aeration tanks.

Contractor: Plocher Construction

Original Contract Price: \$ 8,417,000

Engineer: SDD

Sum of Change Orders: \$0

R.E. Inspector: SDD

Total Value: \$ 8,417,000

Advertise	Pre-bid	Bid Open	Final Award	Notice to Proceed	Pre-Construction	Contract Completion Dates
04/04/2025	04/24/2025	05/20/2025	06/20/2025	9/27/24	10/15/24	450 days

**Key Activities:** Ground water around the South Cluster of clarifiers is low enough to bring the clarifiers offline and perform maintenance and begin measurements for the replacement clarifier mechanisms. Plocher has obtained field measurements to fabricate new stainless-steel baffles for the south cluster diversion structure. Plocher is expected to mobilize and begin demolishing the floor of Clarifier #11 the week of October 13.

**22ENG60 Finley Creek Pump Station Underground Fuel Storage Tank Replacement**

**SCOPE:** The project will remove the existing underground fuel storage tank and replace it with an above ground, double-walled steel tank

**Key Activities:** All work is completed. Soil samples were acquired by Greenwave Engineering during excavation of the underground storage tank. Analysis showed no signs of fuel contamination in the surrounding soils.

September 15, 2025

Sanitary District of Decatur  
501 Dipper Lane  
Decatur, IL 62522

Attn: Don Miller, Director of Engineering

Re: Eastside Interceptor Sewer Rehabilitation - Project Status Report

Dear Don:

We are pleased to provide the following project status summary for the Eastside Interceptor Sewer Rehabilitation project.

**1. Eastside Interceptor Sewer Rehabilitation:**

1. IEPA SRF Loan Facility Planning Report – This task has been completed.
2. Construction Access – Farnsworth Group submitted temporary access easement documents to the District. District staff will conduct negotiations and obtain signatures from the property owners.
3. Design Engineering – Farnsworth Group has completed the following tasks:
  - a. Compiling technical specifications
  - b. Compiling plan drawing set
  - c. Reviewing pipe assessment reports & manhole video inspections
  - d. Performing hydraulic analysis on pipe segments
  - e. Preparing preliminary liner thickness calculations
  - f. Preparing probable construction cost estimate

Farnsworth Group conducted a monthly project coordination meeting with District staff on September 5<sup>th</sup>. Plans and specifications were submitted to the District on September 12<sup>th</sup>.

4. Bidding Coordination – Shall commence upon completion of Task No. 3 and upon authorization from the District to advertise the project for bids.
- 5A. IEPA SRF Loan Application – Loan application was submitted to the District for their review and completion of their financial projection, previous audits, and debt obligations & amortization schedules.

5B. IEPA SRF Loan Administration – Shall commence upon the execution of the Loan Agreement and will be ongoing during construction phase of the project.

The remaining tentative project timeline is as follows:

Loan Application Submittal	9/31/2025
Complete Design Engineering and Construction Permit Submittal	9/31/2025
Bid Opening	11/1/2025
SRF Loan Approval by IEPA (Bypass Period)	1/31/2026
Notice of Award	5/1/2026
Notice to Proceed	6/1/2026
Construction Substantially Complete	1/1/2027
Construction to Final Completion	4/1/2027

If you have any questions or need any additional information regarding the status of this project, please feel free to contact me any time. Thanks.

Sincerely,

FARNSWORTH GROUP, INC.

Shane Niedzwecki, PE  
Project Engineer