

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 wall (Dri-Design Panels) delivery was delayed again this period by the manufacturer. We expect delivery on 11/20. This delay has caused a design change in the electrical panel installation design (exterior penetrations into the building have been re-worked).

Interior walls have received approximately 90% of their finishes. Ceiling grids are installed and all perimeter (cut tiles) have been placed. The remaining full tiles will be installed as above ceiling work is finished.

HVAC and mechanical startup is waiting on the building to be energized (has been delayed by delay in Dri-Design installation. electrical is on-going as well. All mechanical equipment is complete, start-up remains once the building is energized.

Lab wall tile installation is progressing slowly, it is expected to be completed by Thanksgiving. Lab flooring is complete. Laboratory Cabinetry is expected to begin 11/17/25 (Don's Birthday) and should take 4 weeks to complete.

Built in office casework is to begin the week of 11/17/25.

Issues: finish flooring installation is being delayed. The supplier (TSI) failed to convert their order from SQ YDs to SF when they ordered material from the manufacturer. This resulted in their receiving 1/3 of the required material to complete the job. Much of the material is readily available, however board room, breakroom, and meeting rooms require two different colors and one will not be available until mid-January.

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/various electrical outlet changes.	(\$3,550.11)
3	Decrease in underground plant water piping length	(\$9,900) Est
4	Decrease in underground NG line installed	(\$968) Est
5	WCD-04 Adjust scope for Maintenance parking lot	(\$7,495) Est
6	Omit Magnetic Wall Covering (by others)	(\$15,807) Est
7	WCD-07 Amendments to paving plan.	TBD

24ENG07 Digester #1 Cover Replacement Project

Background: Bids were received on 12/3/24 for the Digester #1 Cover Replacement Project. The one bid received for 4.6M exceeded the budgeted amount of 2.5M.

Update: SDD received feedback from Black and Veatch on approach to install method and confirmed the probable cost of construction previously received from Donohue. Staff has instructed Donohue to proceed with re-bidding the replacement cover with modifications to inspection methods. We expect to have the project out for bid the last week of November. We will be reaching out individually to contractor and plan houses to make them aware the work is out for bid in order to avoid a single bid response. We are targeting a 45 day bidding period.

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 | 03/2025 — 08/2025 - In Process |
| 4. IEPA Facility Planning Approval | 06/2025 – Pending (Submitted 2/27/25) |
| 5. Loan Application Submittal | 11/2025 – Submitted |
| 6. Advertise | 11/2025 |
| 7. Bid Open | 01/10/26 |
| 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.

Final Design documents were completed this last period and loan application is submitted. We anticipate additional action items for SDD to complete the loan application process:

1. Amortization schedules for all the debt obligations listed in section 13 of the application.
2. Copy of a certified ordinance (bond ordinance) authorizing the debt to be incurred and identifying a dedicated source of repayment. (Approved by Trustees)
3. Once approved, it must be advertised in local paper and then posted publicly for 30 days for public comment. After the 30 public comment period, provide comments back to the agency.
4. District Attorney can then complete a legal opinion on the action.

IEPA requires an ordinance authorizing the borrowing of the funds for State-revolving loan Fund projects (SRF). There is an ordinance before the trustees for consideration this month.

Volkert has in the process of obtaining the Temporary construction access easements. These are required for the eventual contractor to gain access to inversion manholes along the length of the interceptors.

Nutrient Reduction Improvements Planning: Ongoing coordination for the Detailed design.

- BV/Clark Dietz: 30% Design documents have been received and reviewed with Clark-Dietz for

November 19, 2025

the design work on Aeration basins and clarifiers. There is an additional field review with Clark Dietz scheduled for the week of 11/17/25.

- BV/Donohue: SDD had a pre-30% direction meeting with the designers this last period. Questions surrounding placement and replacement of equipment needed to be addressed.
- BV/CMT: Following the 10/15 for excess flow (effluent modifications) site review staff requested BV investigate an alternate method of handling stormwater. Upon review, it appears that the excess flow portion of CMT's scope of work can be eliminated. Electrical upgrades at the Effluent pump station remain in CMT's scope.

25ENG22 Neuros Blower Installation: The district procured a 350 HP APG Neuros high efficiency blower to replace a circa 1985 multistage Hoffman centrifugal blower as part of the blower building line-up. Prior high-efficiency blower projects have set the stage for installing two more high-efficiency blowers. Staff began planning for the installation this period. We anticipate utilizing an electrical engineer from Clark Dietz (the firm who designed 4 prior Neuros blower installation projects) to provide electrical plan reviews.

Plan sheets from Clark Dietz were finalized and staff began preparing the specifications this last period.

25ENG18 Force Main Inspection – Damon South FM Air Release Valve Upgrades. <<No Update>>

The Damon South air release valves are in poor shape and need to be replaced. The cost associated will require competitive bidding to prepare for the planned force main inspection.

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.
2. The CITY is preparing the plat for the Damon Ave PS easement they are going to need for their force main into the station and the easement documents required.
3. Staff will be preparing an intergovernmental agreement with the CITY to address the rehabilitation/ownership of the Northside Interceptor repairs and new construction required for the Brush College FM.

If there are questions, please contact me at 422-6931 ext 216, or by email at DonM@sddcleanwater.org.

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ACTIVE PROJECTS

2025 WWTP Upgrades Final Clarifiers and Aeration Gates

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:		\$
R.E.		SDD		Total Value:		\$ 8,417,000
Inspector:						
Advertise	Pre-bid	Bid Open	Final Award	Notice to Proceed	Pre-Construction	Contract Completion Dates
04/04/25	04/24/25	05/20/25	06/20/25	09/27/25	10/15/25	450 days

Key Activities: Plocher is currently demolishing the floor in Clarifier #11.

All field measurements have been acquired for the south division structure and Clarifiers 10, 11, & 12. Engineering anticipates delivery of shop drawings for the clarifier mechanisms in the coming weeks for review and approval.

The existing 42" and 20" pipes under the floor of clarifier #11 have been cleaned and inspected by video to determine present condition. Results of these inspections are pending.

25ENG98 Thickened Sludge Force Main Relocation and 12" Sanitary Sewer Improvements

SCOPE: The project will replace and relocate the 8” thickened sludge force main on the north side of the 045 building. A new manhole will be installed on the 12” gravity sewer on the south side of 045 and redirected to an adjacent downstream manhole.						
Contractor:		Burdick Plumbing & Heating		Original Contract Price:		\$ 154,132
Engineer:		SDD		Sum of Change Orders:		\$
R.E.		SDD		Total Value:		\$ 154,132
Inspector:						
Advertise	Pre-bid	Bid Open	Final Award	Notice to Proceed	Pre-Construction	Contract Completion Dates
08/29/25	10/9/25	10/10/25	10/16/26	10/17/25	10/20/25	01/07/2026

Key Activities: The 8" thickened sludge line has been relocated and returned to service.

Installation progress was slowed due to locating multiple unknown duct banks and conduits during excavation that did not exist on record drawings. The locations of unknown active electrical duct banks and water lines required changing the elevation of the 8" pipe resulting in the need to install a manhole



PROJECT MANAGER REPORT

November 19th, 2025

for installation of an air release valve in the future. Pre-cast concrete manhole sections and manhole lid casting from SDD inventory were utilized for the air release manhole to minimize costs.

Contractor is proceeding with the 12" Sanitary Sewer work.

Future Change Items

Num.	Description	Est. Value
1	T&M for installation of manhole for air release valve	\$TBD
2	T&M for additional time for excavation due to unforeseen buried assets	\$TBD



November 12, 2025

Mr. Donald Miller
Sanitary District of Decatur
501 S. Dipper Lane
Decatur, IL 62522

Re: On-Call Drafting – Task Order Project
Clark Dietz Project No. D0540040
Monthly Progress Update
Invoice #29

Dear Mr. Miller:

This letter summarizes the work for the period from September 27, 2025, through October 31, 2025. This project provides drafting, document development and on-call services based upon input from Sanitary District staff.

This period:

- Tasks:
 - (O10BL5) Blower #5 Replacement (Task Invoice #4)
 - CDI incorporated comments from SDD staff to drawing set.
 - A final set of drawings was provided to SDD on 10/22/25.

In the coming month we anticipate the following:

- CDI believes this project is complete, pending any additional comments from SDD staff.
- CDI requests a final set of bid plans and specifications for their records once SDD puts project out to bid.
- Continued coordination with SDD staff for upcoming work.

Please call me at 217-369-4653 if you have any questions.

Very Truly Yours,
Clark Dietz, Inc.

Chad W. Larimore
Project Manager



November 12, 2025

Mr. Donald Miller
Sanitary District of Decatur
501 S. Dipper Lane
Decatur, IL 62522

Re: On-Call Drafting – Task Order Project
Clark Dietz Project No. D0540040
Monthly Progress Update
Invoice #28

Dear Mr. Miller:

This letter summarizes the work for the period from September 27, 2025, through October 31, 2025. This project provides drafting, document development and on-call services based upon input from Sanitary District staff.

This period:

- Tasks:
 - (09GISF) GIS Eastside Interceptor Easements (Task Invoice #3)
 - At the direction of SDD staff, CDI has stopped drafting easements, and will be available to give guidance and assistance to SDD staff as they continue to draft easements and obtain missing data.
 - CDI staff performed QA/QC of the easements that have been drafted to date for the Eastside Interceptor.

In the coming month we anticipate the following:

- CDI staff will continue to be available to assist with questions and mentorship as needed for Erin to continue to convert easements into digital format.
- Continued coordination with SDD staff for upcoming work.

Please call me at 217-369-4653 if you have any questions.

Very Truly Yours,
Clark Dietz, Inc.

Chad W. Larimore
Project Manager

November 14, 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 November 6th. Plans and specifications were submitted to the District for review on September 12th. Farnsworth Group has not received any review comments to date. Farnsworth Group will submit plans and specifications to IEPA with loan application by November 26th.

4. Bidding Coordination – The project will be advertised for bids on November 26th per the District's authorization.

- 5A. IEPA SRF Loan Application – The Loan Application has been prepared, with only two remaining items for final signatures and submission. The items remaining are the certified debt authorizing ordinance and the debt amortization schedule.
- 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	11/26/2025
Bid Opening	1/13/2026
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.

Kevin Hannel, PE
Sr. Engineering Manager