

Aug 19th, 2026

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: Geothermal & HVAC energy credit information has been supplied to TriMerit. We should be hearing the amount of the final credit any day.

The only punch list item remaining is delivery of O&M Manuals and as-built drawings.

Issues:

Final Change Order #4 Items are listed below. This change order remains a work in progress this month. We expect to process this change order and make final payment at the September board meeting.

<u>Num.</u>	<u>Description</u>	<u>Value</u>
1	FO04 – Nitrogen piping modification to vacuum	\$1,135.00
2	RFP11 – Modify Power supply to WWHP-1	\$1,122.00
3	Lab ceiling grid transition modification	\$ 211.00
4	RFPCO04 - Add 2 conduits for communication antennas to roof top.	\$ 969.00
5	RFPCO06 - Install Local electrical disconnects on Lab roof mounted blowers	\$6,425.00
6	Install additional Data cables and power in IT offices and Data Rack A	\$1,195.00
7	RFPCO07 - Add additional light in penthouse mechanical room	\$1,074.00
8	RFP13 - Add power supply to electric hand dryer in shower 501a	\$2,451.00
9	ASI10 - Modify flooring layout in Board Room	\$2,426.00
10	WCD11 - Modify coatings in the Lobby (T&M)	\$5,850.88
11	ASI09 - Door Header Revision in Engineering Office (Room 305a)	\$5,513.67 ¹
12	ASI12 - Change flooring in room 506	\$3,785.00
13	Remove Masonry and Metal Panel in Lobby Vestibule	(\$ 315.00)
14	Add RPZ on vacuum pump.	\$2,516.00
15	Add vacuum ports in lab rooms (408 and 410)	\$5,002.03
16	Modifications to vacuum system (T&M)	\$9,819.80 ³
17	Reconciling South Parking Lot Base Material	\$TBD
18	Shore up unsuitable foundation soils at SW corner of building (T&M)	\$1,063.00
19	Provide additional concrete sidewalk and housekeeping pads	\$TBD
20	Add condensate drain pan/ line beneath heat recovery unit in lab	\$3,470.00
21	Install larger expansion tank on HW loop	\$4,776.00 ¹

Owner Contract Closeout Expenses being reconciled

Owner Supplied Dishwasher Accessories (spec 11-9500, pp 2.02 & 01-7000, pp 3.08-3.09)	(\$8,065.00) ²
Expense for heating two buildings beyond contractual substantial	(\$14,686.13) ⁴

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completion date. (spec 01-5100, pp1.06)

Additional AEX expenses for work required beyond completion date (\$TBD)⁴

(i.e. progress meetings).

Repair of plant water pumps (\$5,183.77)⁵

SDD TOTAL (to date) \$30,554.48

Costs being borne by AEX directly

1	Install Booster Fan in ductwork for HP-13	\$36,120 ¹
2	Installation of a higher capacity exhaust fan – 8 week lead time (EF-5)	Completed
3	Installation of backdraft dampers on lab exhaust vents	\$TBD ³

1. Designer is covering the cost of this item
2. There was disagreement on the party responsible for providing dishwasher accessories. Contractor was told that SDD intends to withhold the cost of the accessories from final payment.
3. The cost of the design and labor to install the modifications is being borne by the designer, SDD agreed to pay for the materials required.
4. Owner expenses due to the extension of construction beyond contract completion date.
5. Construction debris (plastic from interior light fixtures) was blown into the wastewater process tanks and subsequently pulled into the effluent station plant water pump impellers. (spec 01-5000, pp1.09)

UPCOMING PROJECTS:

Nutrient Reduction Improvements: There is ongoing coordination for the detailed design.

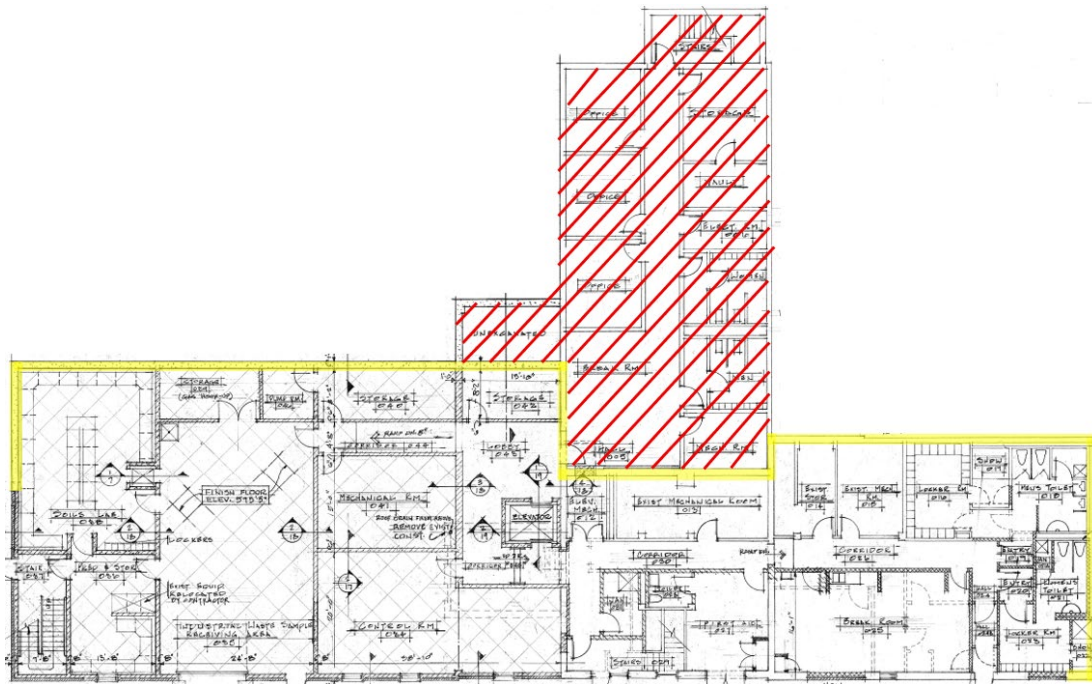
- 100% Design documents are expected 8/14/26. A final review of incorporated comments is expected to take a week.
- Construction permit application has been submitted to the agency.
- SRF Funding: Ongoing coordination with IEPA. A joint permit from IDNR and the USCOE is being prepared for submittal.
- Construction Management (CM) Services: Tylin will receive the 100% drawings on 8/24/26 and begin their pre-construction review of plans.

Watershed Services: Negotiations for an agreement to continue Integrated Plan support with Geosyntec have been completed. *The agreement is before the board for consideration.*

CIPP Lining of 12" Plant Sanitary Sewer: Plans and Specs are being prepared to repair the original 12" clay pipe that has numerous longitudinal cracks in it. Staff expects this to be advertised by the end of August.

DEMO of Old Administrative Offices: SCOPE: The project will remove all salvageable materials from the 045 building, demolish all super structure, and terminate utility connections. Foundations and floors will be completely removed from the north Admin wing and backfilled to grade. The north and west wall of the Lab, the north wall of the original 1922 structure, and the north and east walls of the Board Room wing will remain as retaining walls. Concrete floors in these areas will be removed leaving all caissons and grade beams intact. Compacted gravel will be installed to provide space for lay down and contractor trailer parking during the upcoming plant upgrade projects. Demolition plans and specs are being prepared. Staff expects advertising this work before the next trustee meeting.

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045 Demo Plan

Redesign of Country Club Pump Station: Staff is negotiating with Clark Dietz Engineers an agreement for the rebuilding of Country Club PS.

Stevens Creek Supplemental Trestle Coating: <<No Update>>

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

INTERGOVERNMENTAL ACTIVITIES

1. Ongoing coordination with the CITY on the Brush College Pump Station.

If there are questions, please contact me at 462-9349, 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. Inspector:	SDD			Total Value:	\$ 8,417,000	
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: New stainless-steel equipment is installed Clarifier #11, inspection and initial startup has been completed by Zima representatives, and the floor grout overlay will be completed week ending 8/22. Gate replacement in the Nitrification Aeration Tanks is underway.

Issues: An unforeseen condition where we are seeing a clearance conflict between new gates and mud valve stems and plant water piping. Conflicts will be dealt with on a time and material basis.

Pending Change Order: Time and materials for repair of the 16" pipe.

24ENG06 Eastside Interceptor CIPP Rehabilitation

SCOPE: This interceptor was originally installed in 1953 and is experiencing various forms of failures as noted in the most recent PACP rating. The work includes Eastside Branches 739B and 739C and the main trunk from MH 9 North to 739C tie-in.						
The project will include heavy cleaning, inspection, and installation of cured-in-place structural lining of 11,233 lineal feet of pipe in the Eastside interceptor system. Contractor will apply 530 lineal feet of cementitious lining to manholes and reinstate all taps and connections to the interceptor.						
Contractor:	SAK Construction			Original Contract Price:	\$ 4,694,769	
Engineer:	Farnsworth Group			Sum of Change Orders:	\$	
R.E. I.:	SDD			Total Value:	\$	
Advertise	Pre-bid	Bid Open	Notice of Award	Notice to Proceed	Pre-Construction	Contract Completion Dates
12/08/2025	02/03/2026	02/24/2025	05/21/2026	06/09/2026	06/23/2026	

Key Activities: Pre-construction televising and heavy cleaning is scheduled for completion by the end of August. Construction of the by-pass pumping equipment is scheduled to begin at the end of August, and CIPP lining will start in September.

24ENG07 Digester #1 Lid Replacement

SCOPE: The project will remove the existing lid and replace with a new contractor procured lid. Existing linear motion mixer mechanism will be reused with replacement of the mixing equipment.

Contractor:	Grunloh Building Inc.	Original Contract Price:	\$ 3,597,392
Engineer:	Donohue & Associates	Sum of Change Orders:	\$
R.E.I.:	SDD	Total Value:	\$ 3,597,392

Advertise	Pre-bid	Bid Open	Final Award	Notice to Proceed	Pre-Construction	Contract Completion Dates
12/02/25	12/17/25	01/14/26	01/29/26	02/10/26	02/10/26	08/07/27

Key Activities: Project initiation has been delayed due to lid component manufacturing. Demolition of the sphere and foundations will start in mid-September followed by construction of the laydown area. Deliveries of the lid assembly are scheduled for the week of October 5th.

25ENG22 Neuros Blower #5 Installation

SCOPE: The project will remove the existing 600HP Hoffman blower and install an owner procured Neuros NX250 high efficiency turbo blower.

Contractor:	Grunloh Building, Inc.	Original Contract Price:	\$ 232,696.70
Engineer:	SDD	Sum of Change Orders:	\$
R.E.I.:	SDD	Total Value:	\$

Advertise	Pre-bid	Bid Open	Final Award	Notice to Proceed	Pre-Construction	Contract Completion Dates
01/06/2026	02/12/2026	03/05/2026	03/20/2026	04/07/2026	04/14/2026	

Key Activities: Final long lead time items are scheduled for delivery at the end of August. Demolition of the existing blower is planned to begin September 2nd.

24ENG09 Roads Project

SCOPE: Division 1 of the project will patch multiple asphalt sections in the plant disturbed by excavations and seal coat the Admin Workforce Center entry road. Division 2 of the project will repair the concrete roadway at the main gate and multiple concrete curbs that have eroded.

Key Activities: Dunn Co. has completed Division 1-asphalt. A pre-construction meeting with Christy Foltz (Division 2-concrete) is scheduled for August 25th.

25ENG21 Digester #2 Sump Well Repair

SCOPE: The project will remove corroded sump wells in the lid of Digester #2 and replace with fabricated in-kind materials.

Contractor:	Grunloh Building, Inc.	Original Contract Price:	\$ 232,696.70
Engineer:	SDD	Sum of Change Orders:	\$
R.E. Inspector:	SDD	Total Value:	\$

Advertise	Pre-bid	Bid Open	Final Award	Notice to Proceed	Pre-Construction	Contract Completion Dates
05/01/2026	N/A	06/02/2026	06/22/2026	07/09/2026	07/09/2026	

Key Activities: Sump wells have been replaced. A Request for Proposal – Change Order (RFPCO) was issued to the contractor to provide a price to secure the paddle mixer prior to returning the digester into service.

26ENG17 Sewer Televising & Rating - 2026

SCOPE: The project will televise, inspect, and deliver PACP ratings on 42,500 lineal feet of district interceptors including: 765A (Spring Creek – Wildwood), 765B (Spring Creek – Southeast), 765B1 (Spring Creek Southeast 10”), 737 (South Steven’s Creek), 753 (Southeast 42”), 733 (Damon North), and 735 (Damon South).

Key Activities: Telescan Inc. will initiate televising and rating activities the week of September 7.

Pending Projects

26MNT07 2026 Fence Replacement

SCOPE: The project will replace chain link fencing at the Damon pump station, privacy fence at the Riverview pump station, and replace chain link and barbed wire along the north levee wall in the plant.

Contractor:		Original Contract Price:	\$
Engineer:	SDD	Sum of Change Orders:	\$
R.E. Inspector:	SDD	Total Value:	\$

Advertise	Pre-bid	Bid Open	Final Award	Notice to Proceed	Pre-Construction	Contract Completion Dates
08/03/2026	08/18/2026	09/01/2026				

Key Activities: Project is currently advertised.

26COL51 New Main Pipe Protections

SCOPE: The project will repair a crevasse that has formed over the New Main Interceptor at the south terminus of Taylor Ave. A catch basin with two 14” storm water pipes will be installed and an overflow will be established to direct storm water away from the easement and prevent future erosion.

Contractor:		Original Contract Price:	\$
Engineer:	SDD	Sum of Change Orders:	\$
R.E. Inspector:	SDD	Total Value:	\$

Advertise	Pre-bid	Bid Open	Final Award	Notice to Proceed	Pre-Construction	Contract Completion Dates
08/12/2026	08/27/2026	09/10/2026				

Key Activities: Project is currently advertised.