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October 29, 2024

Mr. Joe Danielsen
Executive Director
Franklin Township Sewerage Authority
70 Commerce Drive
Somerset NJ 08873

Subject: Monthly Engineer's Report – November 2024

Dear Mr. Danielsen

Enclosed for review by the Board and Authority staff is our Engineer's Report covering activity through the end of the month of October 2024.

Please feel free to call me if you have any questions regarding the enclosed.

Very truly yours,

Howard S. Matteson, P.E., BCEE
Senior Project Manager
CDM Smith Inc.

File: 5399 (FTSA)



ENGINEER'S REPORT FOR NOVEMBER 2024

This report covers the following work activities through the end of OCTOBER 2024.

FINANCIAL AND SCHEDULE SUMMARY

Project	Estimate to Complete (months)	Months Active	Project Budget	% Spent
High Bay Garage Facility (1)	0	54	\$245,750	99.8%
Somerset Street Pumping Station Rehab (2)	5	34	\$147,100	98%

(1) DRCC and Somerset County Planning Board Coordination Remaining

(2) After rescoping

ENGINEERING SERVICES SUMMARY

- A. High Bay Garage Facility
- B. Somerset Street Pumping Station Rehabilitation

ENGINEERING SERVICES DETAIL

A. High Bay Garage Facility

YELLOW

Permitting Activity

During the period, CDM Smith continued work on the following:

- Submitted response to DRCC with accompanying technical materials to include request for Waiver of Strict Adherence to the Review Standards.
- Prepared response to Somerset County Planning Board with accompanying technical materials developed for DRCC response.

CDM Smith has solicited DRCC staff to review the response prior to generation of comments.

Engineer's Report for November 2024

Construction Activity

Construction is complete.

Closeout Activity

During the period, CDM Smith worked on the following:

- The Authority signed the Varco-Pruden product warranty with accompanying cover letter and submitted same to Bluescope Construction.
- Processed final pay application for Bluescope Construction.

Issues/Blockers

- Approvals from the DRCC and Somerset County Planning Department are required. Both outstanding activities are linked to the DRCC coordination.

Milestone	Initial Start Date	Rev Start Date	End Date / Milestone	Comments
NTP			4/9/20	Executed contract
Preliminary Design Report	5/20/20	8/20/20		Submission of 30% Design for FTSA review
60% Design Workshop	7/15/20	8/31/20		Project on hold
	9/10/21			Project off hold
Preliminary Discussions	Dec 2021		12/15/21	Preliminary discussion from BlueScope/ Cypreco
Performance Requirements	Dec 2021			Changed baseline Initial Start.
Preliminary Pricing	Dec 2021	Jan 2022		
Pricing Review	Feb 2022	8/1/2022	8/8/2022	Revised price proposal is under review
Project Planning	Aug 2022			
Notice to Proceed	Sept 2022	9/2/2022		
Submit Footings & Foundation Permit	Oct 2022	10/20/22		Approved
DRCC Jurisdictional Determination	Oct 2022	10/21/22	10/28/22	Project is determined to be a Major Project.
DRCC Major Project Application	Dec 2022		Ongoing	Initial Submittal Dec 2022 Resubmittal Aug 2023 Resubmittal end of Dec 2023 Resubmittal end of Oct 2024
Submit MEP Permit	Nov 2022	12/9/22		
Pour Foundation	Dec 2022		12/30/22	Footings and dumpster pad anticipated by 12/2
Pour Slab	Dec 2022		1/20/23	finished
Building Erection	Mar 2023		Apr 2023	
Interior Work and Cleanup			May 2023	
Approval of CO #9 – Phase II			5/12/23	Approval of Phase II work

Engineer's Report for November 2024

Milestone	Initial Start Date	Rev Start Date	End Date / Milestone	Comments
Completion of retrofit work to Existing Garage	7/15/23		8/30/23	
Somerset County Planning Board	8/1/2023		Ongoing	Initial Submittal Aug 2023 Resubmittal Dec 2023 [Linked DRCC submittal] Resubmittal Oct 2024
Obtain all Building Permits from Township	9/30/23			
Start Work on Phase II	10/1/23			
Construction Completion			5/15/24	
Closeout Documentation			10/28/24	Warranty and As-Builts

B. Somerset Street Pumping Station Rehabilitation

YELLOW

Permitting and Funding Activity

- No activity during the period.

Construction Activity

Following are the construction related activities during the period:

- Revised drawings and sketches to reflect pump pad and hoist base at lower elevation to improve suction lift capability of the pump. Also provided sketch of new top slabs over the existing wet well and grinder manhole in lieu of extending the structures. This option avoids the risk of damage to the structure.
- Construction started during the period, but has been delayed due to discovery of an underground concrete encased ductbank. The ductbank location has precipitated the need to redesign the hoist base and will result in a short delay while additional rebar is procured. CDM Smith is actively working with the Contractor to minimize this delay and review of the schedule impacts is ongoing.

Milestone	Initial Start Date	Rev Start Date	End Date / Milestone	Comments
NTP	-	-	8/17/20	Executed contract
Draft Design Documents	9/24/20	10/31/20 11/15/20 TBD		Coordinating with NJDEP.
Project Rescoping				
Agreement for Services	12/22/21			Signed Agreement for Services
50% drawings	12/22/21	1/31/22 3/31/22		Preliminary design drawings for FTSA review
Procurement documents	5/10/22	7/15/22		
90% drawings	5/27/22	7/8/22		
Final Design	8/17/22			NJIB Submittal for approval
SED Approval – Construction			7/27/22	

Engineer's Report for November 2024

Milestone	Initial Start Date	Rev Start Date	End Date / Milestone	Comments
SED Waiver Approval - Procurement	8/17/22		10/27/22	
NJIB – TWA Application Documents	Feb 2023		July 2023	Submitted/under review
NJDEP – NJIB Tech Review – Procurements	Mar 2023 May 2023		July 2023	Complete
Procurement Receipt of Bids	8/10/23			
NJDEP – NJIB Tech Review – Construction	Aug 2023		Sep 2023	Ongoing
Procurement – Authorization to Award	9/13/23			
Procurement – Notice of Award	10/25/23			
Procurement – Notice to Proceed	11/8/23			
Construction – Authorization to Advertise	12/1/23		11/29/23	Responded to DEP comments 11/27/23.
SED 30d Notice	12/4/23			
Bid Notice	1/15/24			Issued in paper
Receipt of Bids			2/6/24	
Review of Bids	2/7/24		2/26/24	
Authorization to Award			3/28/24	
Fully Executed Agreement			5/20/24	
Preconstruction Meeting			Jun 2024	
Shop Drawing Review	Jun 2024		Sep 2024	
Start of onsite construction	Oct 2024		Oct 2024	anticipated
Substantial completion			Dec 2024	