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September 27, 2024

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

Subject: Monthly Engineer's Report – October 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 September 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 OCTOBER 2024

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

### **FINANCIAL AND SCHEDULE SUMMARY**

<b>Project</b>	<b>Estimate to Complete (months)</b>	<b>Months Active</b>	<b>Project Budget</b>	<b>% Spent</b>
High Bay Garage Facility	1	53	\$245,750	99.5%
Somerset Street Pumping Station Rehab*	8	33	\$147,100	93%

\*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:

- Revised Site Plan to reflect additional information due to shift in the stream corridor onto a portion of the High Bay Garage site.
- Prepared Operation and Maintenance Manual for the proposed Stormwater Management Facilities. This document is required for resubmission to DRCC.
- Revised letter response to DRCC accompanying technical materials to include request for Waiver of Strict Adherence to the Review Standards.

CDM Smith has solicited DRCC staff to review the proposed response in advance of formal resubmittal.

## Engineer's Report for October 2024

### Construction Activity

Construction is complete.

### Closeout Activity

During the period, CDM Smith worked on the following:

- As-built drawings were received from Bluescope Construction.
- Reviewed Warranty language with Counsel and developed approach to provide a covering letter to accompany the signed Warranty clarifying FTSA's interpretation of the Warranty in relation to the Agreement between FTSA and Bluescope Construction. Once Counsel has finalized the cover letter, the Warranty can be signed by the Authority and returned to Varco-Pruden.

### 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	<del>8/31/20</del>		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
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	

Engineer's Report for October 2024

Milestone	Initial Start Date	Rev Start Date	End Date / Milestone	Comments
Interior Work and Cleanup			May 2023	
Approval of CO #9 – Phase II			5/12/23	Approval of Phase II work
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 [Related to DRCC submittal]
Obtain all Building Permits from Township	9/30/23			
Start Work on Phase II	10/1/23			
Construction Completion			5/15/24	
Closeout Documentation			10/15/24	Warranty and As-Builts

**B. Somerset Street Pumping Station Rehabilitation**

**GREEN**

Permitting and Funding Activity

Following are funding activities during the period.

- Provided NJDEP with Notice to Proceed documentation on their request.

Construction Activity

Following are the construction related activities during the period:

- Reviewed potential field changes to address the following:
  - Lower the pump pad by 18-inches at the request of the equipment vendor to improve suction lift capability of the pump.
  - Install 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.

CDM Smith met with FTSA staff and the Contractor in the field to discuss both of the above. FTSA staff are interested in both options which are being detailed currently. We anticipated limit or no cost to the contract.

The Contractor has indicated they have received most of the ordered equipment and anticipate being able to begin work in the coming month. Having all material available will be important to minimizing total working time onsite.

Milestone	Initial Start Date	Rev Start Date	End Date / Milestone	Comments
NTP	-	-	8/17/20	Executed contract
Draft Design Documents	9/24/20	<del>10/31/20</del> <del>11/15/20</del> TBD		Coordinating with NJDEP.

Engineer's Report for October 2024

Milestone	Initial Start Date	Rev Start Date	End Date / Milestone	Comments
Project Rescoping				
Agreement for Services	12/22/21			Signed Agreement for Services
50% drawings	12/22/21	<del>1/31/22</del> 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	
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	<del>Mar 2023</del> 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		Nov 2024	anticipated
Substantial completion			Dec 2024	