

Report for the City Manager

Community Services: Engineering

Date: March 8, 2023

The purpose of this document is to summarize the work the City of Dover Engineering Department through **February 28, 2023**.

Service Calls

Since the start of 2023 the Engineering staff has had 40 Services Calls logged in and has worked to resolve 37 (including those prior to 2023).

Standard Operating Procedures:

Engineering staff continued their weekly meetings update current department operating procedures and to create an updated set of Standard Operating Procedures for Community Services. Documents created so far include:

01.01.1.001_SOPPrep

01.01.1.002_Incoming Invoice

01.01.2.001_Doc Number

Templates have also been created to bring consistency to the process throughout CS.

CIP Projects

pudding Hill Water Treatment Plant: Contractor continued to work through the winter weather and is on track to complete project in Spring of 2024.

Tollend Landfill: The Dover Landfill Group continued to work with the EPA and their consultants to outline best modeling practices. A group meeting, along with a tour of the landfill will be hosted in Dover in March, the intent is to bring new the new EPA project manager up to speed on the overall project.

MS4 Permit: The department prepared and distributed Chloride reducing strategies and information to commercial property owners located within the watershed of impaired waterbodies. Staff was able to collect and test wet-weather samples during one of the winter rainfall events.

TNG Permit: The Conservation Law Foundation submitted a petition for EPA Residual Designation Authority in the Great Bay Watershed. The Environmental Projects Manager is reviewing the petition and determining what impacts that would have on the TNG Adaptive Management Plan and other work the City is currently doing.

Pump Station Evaluation: On February 21st, Engineering and Operations staff held a kickoff meeting with Wright Pierce for a City wide Pump Station Evaluation project. The project, which is funded by the

NHDES must be completed by 12/31/23. Engineering staff is in the process of collecting data on the pump stations for the consultant to review and assess. It is expected that this evaluation will identify Capital Improvement Projects for the future.

Waterfront Redevelopment: Engineering staff has been working closely with Planning staff and the design consultant to respond to bidder questions. Bids are due on March 9th.

River St Pump Station: The City's engineering consultant, Wright Pierce, has been working to address City comments on the 90% documents and are working towards having 100% biddable documents by spring 2023. It is anticipated that the start of construction will occur in summer of 2023.

Downtown Pedestrian Improvements: The City's Transportation Advisory Commission (TAC) held a special meeting on February 13, 2023 for a public presentation on the project's design elements options. After the presentation from the design consultant, the project team, including Engineering staff, had table stations inside the City Hall Auditorium for the public to view and provide feedback.

Chestnut Street Bridge: Engineering staff continue to observe the construction on the Chestnut Street Bridge. The Contractor has completed the deck repair patches, demolished and reconstructed the west sidewalk, and has demolished the east sidewalk. Engineering staff has been coordinated with Eversource and Comcast, and the Contractor on installation of new conduits within the east sidewalk. The rehabilitation work remains on schedule to allow the bridge to reopen by mid-May.

Cochecho St Outfall Replacement: Engineering staff have selected a preferred alignment for the new outfall along Cochecho St and will be working with the property owners to secure easements for the construction to proceed.

Lower Central Ave Reconstruction: The City has been awarded federal funding for this project and will be working with their consultant to refine the plans (currently at 90%) to bid ready in 2023. It is anticipated that construction would start in 2024.

Street Paving Program: Engineering Staff has been working with IT staff to utilize VueWorks to develop an initial street paving list utilizing the Roads Module. Engineering Staff has been coordinating with the Operational staff to develop the initial street paving list and RFP.

Facilities Projects:

Dover Public Library: The City Council has voted to amend SMP's design contract to include design updates to sprinkler and HVAC systems. Design is expected to be completed by summer 2023, allowing project to go out to bid and completed before winter 2023.

Historic Building Preservation: The Facilities Project Manager is working with staff from the Planning Department, to identify city owned buildings that would most benefit from congressional spending. Three (3) projects that stand out for these funds are the Ricker Chapel at the Pine Hill Cemetery, the restoration of the Lowell Ave. old waterworks building, also the removal of the existing elevator at the Dover Public Library.

Dover Skatepark: Assisting recreation staff and vendors, to complete preliminary site work as well as lighting before park contractors start finish work on the park elements.

Special Projects:

UNH Capstone Project: The UNH Student team has analyzed the results from the 2022 testing and will present them to the CS staff in late March 2023. It is expected that additional sampling will be recommended to determine the background levels for PFAS in the community.

Permits:

Permit Summary for February 2023:

Driveway Permits:	0
Utility Licenses:	4
Paving Licenses:	0
Excavation Permits:	7
Obstruction Permits:	0

Technical Review Committee: Two projects came to TRC in February that required Engineering review. A mixed-use residential development at 30 Grapevine Dr and a change to a previously approved site plan at 90 Central Ave.

Wastewater Review Summary:

Wastewater Connection Permit:3

Septic Design Reviews: 3

Construction Oversight: Engineering Technician, Jordan Chambers, continues to conduct oversight of private construction projects approved by the Planning Board. Projects that are underway or have opened include:

- Bluebird Self Storage (Littleworth Rd.)
- 5-unit Residential Property (Rutland St.)
- Copley Commons (Leathers Ln.)
- 54 Tiny Homes (Back River Rd.)
- 9 Lot Subdivision (Porchlight Dr.)
- Copper Drive Subdivision