



MEMORANDUM

DATE: May 5, 2015
TO: George Kathios
FROM: David Press, David Peterson
CC: Dana Lee, Eliot Town Manager
SUBJECT: Kittery Infrastructure Improvements & Sewer Extension Projects
Progress Report for the period 3/30/2015 through 4/24/2015

This Memorandum serves as a status report of work completed in April and work anticipated to be completed in May 2015 for the Kittery Infrastructure Improvements Project and the Sewer Extension Project. We suggest you share it with the Town Manager, Town Council, and others.

GENERAL UPDATES

- The Infrastructure Improvements contactor (Penta) returned to the Water Pollution Control Facility site on April 13, 2015 to restart construction work.
- In May, the Pump Station 6 and 8 contractor (Johnson & Jordan) will be paving the driveway area at Pump Station 6, finishing punch list painting at Pump Stations 6 and 8, and painting the interior components of Pump Station 7.
- Sargent Corporation is fully mobilized to the site and has begun sewer installation on Martin Road and Route 236. Their sub-contractor, Maine Drilling and Blasting, is performing ledge blasting operations ahead of the pipe crew in Martin Road, Ridgewood Road and Dana Avenue.
- Kleinfelder's Resident Project Representative, Frank Lyon, is covering both the Infrastructure Improvements and Sewer Extensions projects.

WASTEWATER INFRASTRUCTURE IMPROVEMENTS CONSTRUCTION SERVICES

Note that there are two subprojects under this improvement project:

- 1) upgrades to two of the Town's 21 pump stations - Pump Station Nos. 6 and 8
- 2) upgrades to the wastewater treatment facility and to the Town's other 19 pumping stations

The following work was completed during the period ending April 24, 2015:

A. Pump Station 6 & 8 Construction

- Addressed the issue with the motor thermal overloads at Pump Stations 6 and 8. Directed the Contractor to connect the motor thermal overloads into the pump motor control centers such that the motors will be shut off if a thermal overload occurs.

B. Water Pollution Control Facility and Pump Station Construction

- Restarted field representation on April 13, 2015
- Received and reviewed the Contractor's submittals for the new septage pump/blower room ventilation ductwork, the exhaust fan for the existing aeration blower room, and the concrete pavers for the walkway around the control building.
- Reviewed and accepted the contractor's change order request for replacing the break metal at the windows in the control building (Change Order Request No. 12.).
- Reviewed and processed the contractor's Pay Requisition No. 6.
- Visited the WPCF on April 23 to observe the reinforcing steel for the garage foundation walls.
- Evaluated the Contractor's electrical work proposal for wiring the septage receiving unit. Deemed that the work is included in the contract documents and directed the contractor to perform the work without additional compensation.
- Finalized and submitted SRF Reimbursement Package No. 2.

During May 2015, the following activities are anticipated:

A. Pump Stations 6 & 8 Construction

- Field check of paving at Pump Station 6, punch list painting at Pump Stations 6 and 8, and painting at Pump Station 7.

B. Water Pollution Control Facility and Pump Station Construction

- Review of Blower Building and Garage exhaust fan resubmittals
- Preparing Change Order No. 2 for the new MCC/ATS cabinets, the manhole leak in the Church Street sewer, electrical work at Pump Stations 3 and 13, septage system wiring, break metal at the control building windows, and painting in the Equalization Tank
- Attend the monthly construction progress meeting
- Observe reinforcing steel for the garage floor slab before the concrete is poured
- Observe the grit classifier installation in the headworks

SEWER EXTENSIONS PROJECT CONSTRUCTION SERVICES

The following work was completed during the period ending April 24, 2015:

- Sargent is fully mobilized to the site and has started work. Sargent's site trailers are located on Route 236.
- Kleinfelder continues to coordinate with CMP to obtain an easement for the Town within the utility corridor east of I-95 to realign the 10" force main.
- Sargent has attempted to reach the facility manager at the gas plant, Linde Corporation, in order to request a temporary easement for laydown space required for its HDD operation.
- Kleinfelder continues to receive shop drawing submittals and RFIs through the Submittal Exchange interface.
- Two potential change orders have been documented during this period including:
 - Provision to install trench dams, where needed, to prevent transmission of groundwater and localized flooding. The decision to install a trench dam will be made in the field.
 - Change out of pipe insulation from pre-wrapped pipe to Styrofoam board insulation.
- The first monthly construction meeting will be conducted on April 30, 2015. Kleinfelder developed an Agenda and transmitted it to all parties.
- Kleinfelder received the first payment requisition from Sargent at the end of this period.

During May 2015, the following activities are anticipated:

- Kleinfelder's Resident Project Representative will remain on site throughout the duration of construction.
- Continue to review shop drawings and RFIs as they are submitted by Sargent.
- Continue to work with CMP to obtain an easement east of I-95 for the sewer force main.
- Sargent will coordinate with Bill Cullen to obtain an easement for the work to install the sewer under I-95.
- Provide documentation for compliance with SRF.
- Review payment requisition #1 and make a recommendation to the Town for payment.
- Develop Minutes from the April 30, 2015 construction meeting and distribute.
- Monitor rock quantities and the status of the construction contingency in order to make a determination whether or not the Town should restore the remaining work in Stevenson Road to the Contract. Sargent requested a decision no later than June 1, 2015.