



MEMORANDUM

DATE: March 6, 2014
TO: George Kathios
FROM: David Press, David Peterson
SUBJECT: Kittery Infrastructure Improvements & Sewer Extension Projects
Progress Report for the period 12/30/13 through 1/26/2014
KLF Project: 20140053, 20140119, 20140175

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

SEWER INFRASTRUCTURE IMPROVEMENTS PROJECT DESIGN SERVICES – WASTEWATER TREATMENT FACILITY AND PUMP STATION PROJECT

The following work was completed during the period ending February 23, 2014:

- Prepared and submitted to DEP NRPA Permit by Rule applications: Section 2 and 12 permits for the work at the lighthouse manhole; Section 2 permit for the work at Pump Station 21.
- Addressed DEP comments on the 90% plans and specifications.
- Submitted letters to DEP requesting permission to sole source procure specific items of equipment to maintain consistency with existing equipment and service representatives.
- Obtained DEP letter of approval to advertise the wastewater treatment facility and pumping station upgrades for bids contingent upon inserting environmental permits, Davis-Bacon wage rates, and use of iron and steel provisions into the bid documents.
- Selected and specified motorized dampers for septage facility vent ducts, blower room exhaust fan, and blower room intake louvers.
- Reviewed electrical subconsultant's drawings with the subconsultant.
- Coordinated between electrical and SCADA subconsultants.
- Met with the Town on February 13, 2014 to review the 90% design plans.
- Coordinated with Eastern Survey for pumping station property ownership determination.
- Coordinated with DEP regarding Davis-Bacon wage determinations for "Heavy" and "Building" wage classifications.

During March 2014, the following activities are anticipated:

- Addressing remaining comments on the wastewater treatment plant and pump station plans and specifications
- Obtaining NRPA permits for the lighthouse manhole and Pump Station 21 areas for insertion into the bid documents
- Obtaining appropriate Davis-Bacon wage determinations for insertion into the bid documents
- Assembling the bid package.

SEWER 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, and 2) upgrades to the wastewater treatment facility and upgrades to the Town's other 19 pumping stations.

The following work was completed during the period ending February 23, 2014:

- Finished evaluating the bids received for the Pump Station 6 & 8 Improvements project
- Checked the low bidder's references
- Sent the Town a letter, dated January 29, 2014, recommending the Town award the project to the low bidder (Johnson & Jordan, Scarborough, ME).
- Assembled a bid award package for DEP and submitted the package on January 31, 2014 with a request for authorization to award the project to Johnson & Jordan.
- Reviewed the contractor's suggested modifications to the Pump Station 8 proposed piping layout for improving performance of the proposed flow meter.
- Attended a pre-construction conference with the Town and Johnson & Jordan at the Town Hall on February 13, 2014.
- Purchased "Submittal Exchange," an on-line shop drawing management system and initiated its use.

During March 2014, the following activities are anticipated:

- Reviewing contractor submittals
- Responding to contractor requests for information (RFI's)
- Review contractor's schedule
- General coordination with the contractor

SEWER EXTENSIONS PROJECT

The following work was completed during the period ending February 23, 2014:

- Contacted MEDEP and ACOE to identify permitting needs of the project
- Determined there is no reason to complete additional vernal pool assessments
- Set-up program for additional rock cores where we anticipate pipe in the rock
- Completed basis of design calculations for pump station sizing
- Started to develop base plans for easement drawings
- Continued to optimize and develop the sewer layout design
- Contacted CMP to identify building restrictions along their power lines
- Developed table of contents for specifications

During March 2014, the following activities are anticipated:

- Complete additional rock cores
- Develop initial quantities to produce a draft cost estimate.
- Develop draft cost estimate.
- Initial development of easement plans.
- Betterment Workshop scheduled for March 31st
- Electrical and SCADA design to get started in the coming month or two.
- Begin Environmental Report requested by the SRF program.