



MEMORANDUM

DATE: August 29, 2014
TO: George Kathios
FROM: David Press, David Peterson
SUBJECT: Kittery Infrastructure Improvements & Sewer Extension Projects
Progress Report for the period 7/28/14 through 8/24/2014
KLF Projects: 20140119, 20140175

This Memorandum serves as a status report of work completed in August and work anticipated to be completed in September 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 Town and Penta Corp. executed a contract on July 30, 2014 for construction of the Kittery Wastewater Infrastructure Improvements project.

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 to the Town's other 19 pumping stations.

The following work was completed during the period ending August 24, 2014:

- A. Pump Station 6 & 8 Construction
- Observed preliminary operation of the new pumps at Pump Station 8. Final testing of Pump Station 8 will occur when Pump Station 6 is also ready for final testing.
 - Responded to an RFI regarding the force main thrust restraint at Pump Station 8
 - Coordinated with the Contractor for installation of the new sewage pumps at Pump Station 6.
 - Conducted site visits on July 30, and August 7, 14, and 22, 2014 to review the Contractor's work and progress
 - Conducted Davis-Bacon labor interviews on August 7 and 14, 2014 with randomly selected members of the Contractor's and subcontractor's workforces as required by the Davis-Bacon Act.
 - Reviewed and processed the Contractor's pay requisition for the period July 23 through August 14, 2014.

- Coordinated a plan for slide gate repair at PS 6
- Responded to the contractor's RFI for pavement
- Approved pavement submittal
- Prepared Change Order No. 2 and submitted it to the contractor for review and finalization in the beginning of August 2014.

B. Water Pollution Control Facility and Pump Station Construction

- Conducted a pre-construction conference with the Town and Penta Corp. (the contractor) on July 30, 2014.
- Received and reviewed contractor submittals for gravity and pressure piping, earthwork materials, erosion control items, manholes, access hatches, and cured in place pipelining items.
- Received and forwarded to EBM (electrical subconsultant) submittals on wiring and conduit items, variable frequency drives, and lighting items.

During September 2014, the following activities are anticipated:

A. Pump Station 6 & 8 Construction

- Contractor to formally start up and test the new pumps at Pump Stations 6 and 8
- Contractor to pave Pump Station 6 driveway
- Contractor to complete painting of Pump Stations 6 and 8
- General coordination with the contractor.
- Respond to the contractor's RFI's
- Conduct site visit(s) to review contractor's work and progress
- Meet with Kittery's SRF Agent (Karen Hefler) onsite to review the work completed
- Conduct Contractor and subcontractor employee interviews as required by the Davis-Bacon Act.
- Review and process the contractor's August pay requisition
- Substantial completion is expected to be achieved on or about September 22, 2014.

B. Water Pollution Control Facility and Pump Station Construction

- Contractor plans to start on-site construction work during the week of September 21, 2014.
- Klienfelder's on-site resident representative to be present at the site during the week of September 21, 2014
- Visit the project site and meet with the contractor to review the contractor's plan for starting construction work
- Review the Contractor's shop drawing submittals
- Review and process the contractor's August pay requisition

SEWER EXTENSIONS PROJECT

The following work was completed during the period ending August 24, 2014:

- Final Design Progress Updates
 - Engineering design of the sewer expansion project is currently on hold. We are experiencing delays with acquiring easements and permits. We are working diligently to acquire the permits and easements (with the Town's attorney). Once these issues are resolved, we anticipate starting public bidding approximately 30 days thereafter.
 - Obtained review comments on the sewer design along the electric utility corridor from Central Maine Power. Based on CMP's feedback, we are exploring ways to optimize the sewer design to address their concerns.
 - In general, the civil drawings remain at 90% development pending finalization of easement acquisitions and permitting.
 - Electrical design and drawings have not been started. This will happen once the easements are obtained as noted above.
 - Continued to draft the Contract Specifications.

- Easement Acquisitions
 - **Martin Road PS (Dennett)** - A temporary construction easement from Mrs. Dennett is required to install this pump station in the right of way on Martin Road. Kleinfelder's surveyor is developing a boundary survey, upon which, we will develop an easement plan. It is our understanding that the Town will utilize the easement plan (when available) to resume discussions with Mrs. Dennett.
 - **CMP Corridor (Gerasin)** – Negotiations over the easement in Mr. Gerasin's property is ongoing and primarily being handled between the Town's legal counsel and Mr. Gerasin's attorney.
 - **CMP Corridor (Seaward)** – Kleinfelder reached out to Mr. Seaward to resume discussions about an easement. Kleinfelder provided a draft easement plan for Mr. Seaward's review, but has not yet heard back.
 - **Manson Road Pump Station (MaineDOT/MTA)** – Kleinfelder continues to work with MTA and MaineDOT to install and operate this pump station within their right of way. A coordination meeting is tentatively scheduled for September 12; however, MaineDOT has not yet confirmed their attendance.

- SRF Funding
 - Kleinfelder submitted the final draft of the Environmental Information Document (EID) which is necessary for MEDEP to issue the SRF loan. At this time no additional comments have been received.

- Permitting
 - MaineDOT approved the sewer crossing below I-95; however, with a provisional requirement that MTA must also approve the design. At this time, the design of this sewer crossing is planned for discussion at the September 12 tentative meeting.
 - Other permitting efforts are on hold until the easements can be acquired.



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During September 2014, the following activities are anticipated:

- Meet with MaineDOT/MTA on September 12 (tentative).
- Evaluate ways to address CMP's concerns with the sewer design in the utility corridor.
- Continue negotiations with land owners to obtain easements.
- Continue to draft contract specifications.