



MEMORANDUM

DATE: August 1, 2014
TO: George Kathios
FROM: David Press, David Peterson
SUBJECT: Kittery Infrastructure Improvements & Sewer Extension Projects
Progress Report for the period 6/30/14 through 7/27/2014
KLF Project: 20140119, 20140175

This Memorandum serves as a status report of work completed in July and work anticipated to be completed in August 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 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 July 27, 2014:

A. Pump Station 6 & 8 Construction

- The Contractor received the new sewage pumps in mid-July 2014 and installed the Pump Station 8 pumps on July 23 – July 25, 2014.
- Coordinated with the Contractor for installation of the new sewage pumps
- Conducted site visits on July 1 and July 25, 2014 to review the Contractor's work and progress
- Conducted a Davis-Bacon labor interview on July 25, 2014 with a randomly selected member of the Contractor's workforce as required by the Davis-Bacon Act.
- Reviewed and processed the Contractor's combined June-July pay requisition
- Prepared design and pricing documentation for replacing the magnetic flow meter and the two sewage pumps at Pump Station 7

B. Water Pollution Control Facility and Pump Station Construction

- Met with the Town Manager on July 1, 2014 to review our recommendation for awarding the contract
- Submitted an approval-to-award request to DEP with all required bidding documentation



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- Received DEP approval to award the contract to Penta Corporation, the responsive low bidder
- Prepared the contract for the Town Manager and Penta Corp. to execute
- Prepared Change Order 1 to adjust the Contract amount after the Award to meet the Town's funding requirements.
- Submitted Change Order 1 to DEP for approval, and received said approval.
- Assisted the Town with resolving contractor's insurance matters.

During August 2014, the following activities are anticipated:

A. Pump Station 6 & 8 Construction

- Contractor to install the new pumps at Pump Station 6
- General coordination with the contractor.
- Respond to the contractor's RFI's
- Conduct site visit(s) to review contractor's work and progress
- Conduct Contractor and subcontractor employee interviews as required by the Davis-Bacon Act.
- Prepare Change Order No. 2 and submit it to DEP for approval. Change Order No. 2 will include additional work for replacing the pumps and flow meter at Pump Station 7 and a credit for wire size reduction at Pump Station 6.

B. Water Pollution Control Facility and Pump Station Construction

- Conduct a Preconstruction Conference during the week of July 28-Aug 3, 2014, during which the Town will execute a contract with Penta Corp.
- Prepare and distribute minutes of the Preconstruction Conference
- Meet with the Town's financial advisors regarding "BAN rollover."
- Review the Contractor's shop drawing submittals
- Conduct Contractor and subcontractor employee interviews as required by the Davis-Bacon Act.
- Review and process the contractor's August pay requisition

SEWER EXTENSIONS PROJECT

The following work was completed during the period ending July 27, 2014:

- Final Design Progress Updates
 - Met with the Kittery Planning Department to discuss a future road into the Business Park. At this time, the design will not accommodate or consider this future road.
 - It is our understanding there is possible interest in a gas utility crossing underneath I-95. However, at this time, this is in feasibility planning phase and the sewer design will not be held up.
 - Submitted 90% drawings to Central Maine Power for their review and input. CMP conducted a site walk during this period. Kleinfelder has not yet received comments from CMP's site walk and project review.

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- In general, the civil drawings remain at 90% development pending finalization of the new pumping station location.
- Electrical design and drawings have not been started. This will happen once the pump station locations are finalized.
- Continued to draft the Contract Specifications.
- Began quantity take-offs in order to develop an engineer's estimate of probable construction cost.

- Easement Acquisitions
 - **Martin Road PS (Dennett)** - A temporary construction easement is required to install this pump station in the right of way on Martin Road. The temporary construction easement will be required from Mrs. Dennett. Kleinfelder reached out to Mrs. Dennett to continue discussions and her son, John Dennett, offered some concerns that are under consideration. Kleinfelder's surveyor will provide an easement plan and description, and the Town will resume discussions with Mrs. Dennett once the surveyed plan is complete.
 - **CMP Corridor (Gerasin)** - On July 14, the property at One Dow Highway changed ownership from GAM LLC to David Gerasin. Kleinfelder contacted David Gerasin to discuss obtaining an easement for the sewer project. Mr. Gerasin was amenable to the project provided sewer connection fees were waived by the Town.
 - **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.
 - **Patten Place Pump Station** – As reported previously, it was determined that Patten Place is a private road, and therefore, sewer service is not planned to extend down this road. This necessitated that Kleinfelder identify a new location for the pump station. Two locations (Dana Avenue and Manson Road) are under consideration.
 - **Dana Avenue Pump Station (Phillips)** – Kleinfelder met with Mark Phillips to review possible locations for a pump station on his property (the mobile home park) and subsequently sent sketches of the concept. Mr. Phillips requested the Town consider waiving the sewer connection fee for each unit and would not agree to an easement until all costs are known. Further progress on this option has been tabled until the second pump station location on Manson could be further explored.
 - **Manson Road Pump Station (MaineDOT/MTA)** – Kleinfelder identified an open lot at the end of Manson Road that could serve as a site for a pump station. With the Town's assistance, it was determined that MaineDOT owns this land. Further, MaineDOT is in the process of deeding this land over to Maine Turnpike Authority. Kleinfelder is currently working with both agencies to determine what would be required for the Town to install a pump station at this location.

- SRF Funding
 - Upon the request of SRF, Kleinfelder requested additional reviews by IF&W and MHPC to define environmental impacts within the entire project area.

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- At this time, IF&W completed its additional review and MHPC has been non-responsive to complete its review. The review by MHPC is necessary to complete the environmental report for SRF.
- Permitting
 - Submitted a permit request to MaineDOT for the sewer crossing underneath I-95.

During August 2014, the following activities are anticipated:

- Follow up with Central Maine Power to solicit input into design.
- Complete easement plans and descriptions.
- Determine new location for Patten Place pump station (Dana or Manson)
- Provided MHPC completes its review, submit the Environmental Report required by the SRF program.
- Begin electrical design
- Complete quantity take-off and produce a draft engineer's estimate of probable construction cost.
- Continue to develop contract specifications.