

Town of East Greenbush
**Capital Improvement Projects
2014-2015**

**Project Status Report and Meeting Agenda Items
From: H. V. LaBarba, PE
Consultant to the Authority
January 14, 2015
Meeting**

I. INFILTRATION AND INFLOW REDUCTION PROJECTS

The projects under this category include sewer lining and sump pump connection elimination.

A. Sewer Lining:

The contractor, Heitkamp Inc. has completed work under this contract. We have received record files, maps, and testing completion records for the project. We can recommend release of retainage for this project. Release of surety, subcontractor liens, and contractor's affidavit of payment of debts and claims has been received.

For 2015 one remaining sewer lining project will be undertaken to complete all previously planned work identified in the NYS Order on Consent to the Town. The planned approach is to address Town wide remaining sewers that are in need of rehabilitation by the lining method. Town officials and HVL office have been working on a plan of sewers in need of work. Typically older sections of Town are prime candidates. The plan is to budget about \$400K and fit that amount to the limits of work, knowing we have good estimates of cost and will have completed televised reports of potential problematic sewers.

One last item is a payment amount due to Troy Sand and Gravel where during the course of sewer repairs for the sewer lining project, materials were purchased directly by Town orders to save on costs. Due to an accounting oversight, we failed to include one invoice for the amount of \$2,833.47.

Actions to be taken:

1. **Recommend** release of remaining retainage to Heitkamp in the amount of \$15,140.80
2. **Recommend** authorizing the Authority to close out the project and instruct to have HVL send out letter of completion.
3. **Recommend** payment to HV LaBarba \$5,355.00 for work to date on existing project close-outs and future sewer lining documents.
4. **Recommend** payment to Troy Sand and Gravel for the amount of \$2,833.47.

B. Sump Pump Elimination Project

In our last report it was stated that "the Clinton Heights sump pump redirection project is complete. The contract amount was \$51,846.00 and the one and final billed amount is \$31,846.00. The \$20,000 allowance was not encumbered". This was incorrect due to

an oversight by the contractor of not billing for one additional change item, that being the need to provide two new sump pump installations beyond the planned scope of work. We recommend payment to A. Septic for the additional work for a total of \$1,750.00

Actions to be taken:

1. **Recommend** payment to A Septic Service for additional work under contract 14-2 “Sump Pump Elimination Project; Clinton Heights” for the amount of **\$1,750.00.**

II. PUMP STATION PROJECTS

A. Corliss Pump Station

All work was completed in 2014 and we recommend the release of retainage and for the Authority to close the project. O’Connell Electric Co., the general contractor’s work is complete and we have received their request for release of retainage, release of surety, subcontractor liens, and contractor’s affidavit of payment of debts and claims. The retainage amount is \$27,330.95.

B. 3 rd Ave. Pump Station

An engineering report for the 3 rd Ave. pump station was prepared as a result of a study paid for by the Saratoga Gaming and Casino project who has an interest in the Town’s pump station upgrade needs due to the project location in the sewer district. It was found that certain improvements and upgrades need with regard to upgrading the pumps, an emergency bypass, and emergency backup generator and miscellaneous equipment. The cost estimate is no the order of about \$120,000.

It was recommended that we as the Authority should proceed with the needed upgrades upon hearing the findings of the Casino siting commission. Those findings did not select the Town as a casino siting location, therefor the work has to be done and funded by the Town via the Authority if so recommended.

C. Hampton Manor Pump Station

This station is over 45 years old, and although no major structural issues are apparent the pumps and controls need replacement. This project will require bidding and appropriate documents detailing the contract work.

D. Hideaway Pump Station

The Hideaway station was totally replaced with a new station in 2013-2014 under contract 13.3. One common and problematic scenario at all municipal pump stations is the clogging of piping, valves and pumps due to extraneous materials such as plastics, rags, and other non paper materials. In December a contractor was called in by the Town to unclog both new pumps at the station. The station almost overflowed but because we incorporated a back system using one on the former pumps which had its own intake line, an overflow was avoided. The contractor installed back flushing water devices in the new intake lines, which can help unplug,

or cleanout wet well intake lines. This is going to be an ongoing issue throughout the Town's 12 stations. We solved the problem at Corliss by installing a new mechanical screen for about \$200,000. This investment cannot be made at all the other stations due to size and site constraints. However, the Town and our office is recommending that we look into installing another wet well with a rag screen trap and removal equipment to aid in maintenance and station protection. Preliminary cost estimates for this approach are between \$15,000 – 25,000 for each installation, however, only the Hideaway location is proposed due to its history of problems.

Actions to be taken:

1. **Payment** to: O'Connell Electric, for the amount of **\$27,330.95**.
2. **Payment of \$2,890.00** to HV LaBarba & Assoc. for contract close out at the Corliss pump station, and 2015 pump station rehabilitation plans.

Submitted by:

HVL _____ January 14, 2015