



BOROUGH OF ALPHA

GENERAL CAPITAL PROJECTS AND WATER UTILITY ENGINEERING STATUS REPORT

April 10, 2018

PREPARED BY:

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ACTION ITEMS

1. A new NJDOT Funding Program has been announced. It is the FY 2018 Local Freight Infrastructure Fund and it is for local infrastructure where Freight impacts are realized. The Borough has given us authorization to complete two (2) applications; Industrial Drive and Route 122 intersection Improvements and Industrial Drive and Edge Road Connector Road. The applications were submitted before the December 19, 2017 deadline. Borough Resolutions were sent to the NJDOT.
2. Soil samples were obtained of the Borough property adjacent to LMR and they are being analyzed at the lab. Results should be available the week of April 16, 2018. Van Cleef is researching their files for a survey of the Borough property.

ROADWAY AND GENERAL ENGINEERING PROJECTS

1. HOMA LANE DRAINAGE IMPROVEMENTS

ESTIMATED COMPLETION OF DESIGN: To Be Determined
ESTIMATED COMPLETION OF CONSTRUCTION: To Be Determined
ESTIMATED CONSTRUCTION COST: \$250,000
CONTRACTOR: To Be Determined

Field survey including the wetlands delineation is complete. Base plans are complete and we began the hydraulic modeling. A NJDEP pre-application meeting was held on September 26, 2016. Hydraulic design and the plans are complete. The Borough needs to provide the certified property owner list within 200 feet of the project for notification under the NJDEP application requirement. A draft Phase IA study has been completed and will be submitted with the NJDEP application. The Phase IA is recommending a Phase IB but the NJDEP will make that determination. The plans and NJDEP application is complete. The certified property owner list has been completed and sent to our office. The NJDEP applications were submitted to the NJDEP on January 25, 2017. We received comments from the NJDEP on our submitted application and we are addressing the comments. Mitigation requirements are being reviewed by the NJDEP. A meeting occurred with the NJDEP for May 3, 2017 NJDEP to discuss the mitigation. The NJDEP new rule changes will allow the culverts to be replaced under Homa Lane assuming it can be proven Homa Lane overtops during small rain events. This will be a less expensive option for the Borough but will need permission from the Homa's to replace the culvert. Discussion with the Homa's need to occur to determine if permission will be granted to replace the culvert.

2. MUNICIPAL POOL RENOVATIONS

ESTIMATED COMPLETION OF DESIGN: June 2017
ESTIMATED COMPLETION OF CONSTRUCTION: To Be Determined
CONSTRUCTION COST: \$277,600.00
CONTRACTOR: TBD

We performed a site visit to obtain information and measurements. Construction documents are being prepared. We met with the Borough to review and confirm open items. We are completing

the construction documents for public advertisement in Late January/Early February 2017. Borough Council authorized advertisement of the project for public bid at their Monday January 23, 2017 Council Meeting. We met with Council on February 7, 2017 to adjust the scope of work for the construction and an addendum was issued. Bids were received for the pool and pool house contract only on February 22, 2017 but no bids were received for the Building. A bid tabulation was completed and sent to the Borough. The Borough rejected the bids at their February 27, 2017 meeting. We met with Borough Council Woman Grossman and reduced the project scope. An engineer's estimate of the new scope and the items removed was provided to the governing body for review in advance of project re-advertisement. The project has been re-advertised and bids will be received on July 20, 2017 for consideration of an award at the July 25, 2017 council meeting. Bids were received and Ray Palmer was the low bid for Base Bid 1 (Install only) in the amount of \$120,640.00 and Base Bid 2 (Furnish and Install) in the amount of \$277,600.00. A recommendation letter was provided to Council. The low bidder has indicated by letter they will extend their bid prices until July 1, 2018.

3. INDUSTRIAL DRIVE/EDGE ROAD CONNECTOR ROAD

ESTIMATED COMPLETION OF DESIGN: April 2018
ESTIMATED COMPLETION OF CONSTRUCTION: To Be Determined
CONSTRUCTION COST: To Be Determined
CONTRACTOR: To Be Determined

We were authorized for the engineering services by Council at the November 13, 2017 Council Meeting. Survey has been completed. Existing condition base plans are complete and have been field reviewed. Storm water management is being designed and the preliminary plans are being developed.

WATER PROJECTS

- 1. 2018 WATER UTILITY IMPROVEMENTS**
ESTIMATED COMPLETION OF DESIGN: March 2, 2018
ESTIMATED COMPLETION OF CONSTRUCTION: June 2018
ESTIMATED CONSTRUCTION COST: TBD
CONTRACTOR: TBD

A Pre-Construction Meeting with the Pohatcong Engineer and County Engineer is scheduled for Tuesday April 10th at 2:00 pm

We have been asked to prepare a new easement description for the extension from Industrial Drive to Edge Road. We are in the process of preparing.

- 2. TREATMENT PLANT – REDUNDANCY DESIGN**
ESTIMATED COMPLETION OF DESIGN: Complete
ESTIMATED COMPLETION OF CONSTRUCTION: March 31, 2018
ESTIMATED CONSTRUCTION COST: \$190,000.00 (negotiated price)
CONTRACTOR: Pact Two Construction

The degassifier has been inspected. Final blower location has been selected. The electrical work for the blowers is currently being scheduled.

3. **NJPDES PERMIT – INDUSTRIAL DRIVE LANDFILL DISRUPTION PERMIT**
ESTIMATED COMPLETION OF DESIGN: November 2017
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

The NJDEP has provided direction that a Closure Plan (in lieu of a disruption permit) is going to be required for the landfill. The NJDEP is also requiring sampling of the closed landfill groundwater and a methane investigation is required.

The formal application has been forwarded to the NJDEP. We have notified the DEP Project Manager of the submission.

4. **FRACE WTP – CATCH BASIN INSTALLATION**
ESTIMATED COMPLETION OF DESIGN: May 15, 2018
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

We have completed the survey of the area where the catch basin will be installed. We are in the process of preparing the design plan and details.

5. **ACID STORAGE TANK – FRACE STREET WTP**
ESTIMATED COMPLETION OF DESIGN: April 2016
ESTIMATED COMPLETION OF CONSTRUCTION: TBD
ESTIMATED CONSTRUCTION COST: TBD
CONTRACTOR: TBD

We have provided the Borough with an alternate tank for the area. The tank is smaller and may require more frequent deliveries. The Borough is currently looking for historic delivery amounts to ascertain the ability to switch tanks.

6. **2016 WATER UTILITY IMPROVEMENTS**
ESTIMATED COMPLETION OF DESIGN: N/A
ESTIMATED COMPLETION OF CONSTRUCTION: JUNE 1, 2018
ESTIMATED CONSTRUCTION COST:
CONTRACTOR: PENN BOWER

The contractor has requested an extension of contract time with no monetary benefit until June 1, 2018.

SANITARY PROJECTS

1. **SANITARY REPLACEMENTS – SOUTH BOULEVARD**
ESTIMATED COMPLETION OF DESIGN: April 2017
ESTIMATED COMPLETION OF CONSTRUCTION: 30 Days upon issuing Notice to Proceed
ESTIMATED CONSTRUCTION COST: \$75,000
CONTRACTOR: PENN BOWER

The sanitary laterals are currently being installed by the contractor. Due to the delay in work due to weather, the contractor has requested a contract extension without monetary compensation until June 1, 2018 to complete the remaining work and restoration.

Due to Council adding South Boulevard to the 2018 Road Program, the trench restoration requirement has been modified to 4" DGA and 3" of HMA Base Course.

2. **SANITARY MANHOLE REPAIRS**
ESTIMATED COMPLETION OF DESIGN: April 2017
ESTIMATED COMPLETION OF CONSTRUCTION: 30 Days upon issuing Notice to Proceed
ESTIMATED CONSTRUCTION COST: \$17,500
CONTRACTOR: NATIONAL WATER MAIN CLEANING

The manhole work has been completed.

3. **SANITARY METER VAULT INSTALLATION**
ESTIMATED COMPLETION OF DESIGN: May 2018
ESTIMATED COMPLETION OF CONSTRUCTION: 30 Days upon issuing Notice to Proceed
ESTIMATED CONSTRUCTION COST: \$17,500
CONTRACTOR: TBD

The survey for this project has been completed and we are updating the plans. We have requested the meter information from the Phillipsburg Operator for incorporation into the installation.

4. **SANITARY SYSTEM CONTROLS INSTALLATION**
ESTIMATED COMPLETION OF DESIGN: May 2018
ESTIMATED COMPLETION OF CONSTRUCTION: 75 Days upon issuing Notice to Proceed
ESTIMATED CONSTRUCTION COST: \$17,500
CONTRACTOR: TBD

We have discussed this project with the Borough's QPA for advertisement as a competitive project.