



BOROUGH OF ALPHA

GENERAL CAPITAL PROJECTS AND WATER UTILITY ENGINEERING STATUS REPORT

August 14, 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. No announcements to date have been made and we assume August 2018 at this point.
2. We were authorized by Council to prepare a quote package for contracting with an Asphalt Repair Contractor to perform services throughout the Borough on an as needed basis. Document preparation has begun and it is expected they will be distributed for review and comment the week of August 13, 2018.
3. NJDOT FY 2019 NJDOT Transportation Trust Fund Municipal Aid Applications are now being accepted until October 8, 2018. Since North Boulevard Phase III is currently being reviewed under the LIAF Grant Program, Fifth Avenue from Central to Vulcanite should be considered to be submitted. Additional candidates can be discussed with the Borough.

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. A letter was received from The NJDEP and a response was sent from our office requesting the application remain active.

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 October 31, 2018.

3. INDUSTRIAL DRIVE/EDGE ROAD CONNECTOR ROAD

ESTIMATED COMPLETION OF DESIGN: June 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. A preliminary layout was prepared and we met with the adjacent property owners to discuss and it was agreed by all a 70 foot ROW will be established. Meets and bounds descriptions are being prepared for the dedication to the Borough. Preliminary plans are being advanced.

WATER PROJECTS

1. 2018 WATER UTILITY IMPROVEMENTS

ESTIMATED COMPLETION OF DESIGN: March 2, 2018

ESTIMATED COMPLETION OF CONSTRUCTION: September 2018

ESTIMATED CONSTRUCTION COST: TBD

CONTRACTOR: TBD

The neutralization piping is complete and is online. The County permit application was amended to include the Springtown Road services and is pending approval.

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

The treatment plant is ready to be placed online with proper daily oversight. The Borough ordered the pH controls for installation upon receipt.

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 comments which we are addressing. We are coordinating a meeting with the DEP to review the modifications.

4. **FRACE WTP – CATCH BASIN INSTALLATION**
ESTIMATED COMPLETION OF DESIGN: July 2018
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: \$36,000
CONTRACTOR: TBD

The bid package has been provided to the QPA for advertisement. Bids will be received on August 28th at 2:00 pm.

5. **2016 WATER UTILITY IMPROVEMENTS**
ESTIMATED COMPLETION OF DESIGN: N/A
ESTIMATED COMPLETION OF CONSTRUCTION: JULY 2018
ESTIMATED CONSTRUCTION COST:
CONTRACTOR: PENN BOWER

We have met with the contractor and reviewed the project. The project punchlist items will be completed and the project will be closed out. Topsoil and seed will be completed during the planting season (Sept – Oct).

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 work is complete. Penn Bower will be completing punchlist work during the week of August 13th with topsoil/seed being completed during the planting season.

2. **SANITARY METER VAULT INSTALLATION**
ESTIMATED COMPLETION OF DESIGN: July 2018
ESTIMATED COMPLETION OF CONSTRUCTION: 30 Days upon issuing Notice to Proceed
ESTIMATED CONSTRUCTION COST: \$40,000
CONTRACTOR: TBD

We are currently reviewing the purchased meter pit with the mfr. for potential infield modifications.

3. **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

The project has been re-advertised. Bids are due from contractors on Tuesday August 14th. The committee to review bids will meet with the goal to have a recommended of award at the August 28th meeting.

Based upon the bids received, it is requested that interviews be scheduled for Thursday August 23rd at the availability of the Review Committee and Contractors.