



BOROUGH OF ALPHA

GENERAL CAPITAL PROJECTS AND WATER UTILITY ENGINEERING STATUS REPORT

June 26, 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. We have heard announcements for this grant maybe made in June.

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 July 1, 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. 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

The work along Industrial Drive and the easement to Edge Road is complete. The material delivery for the neutralization piping for Frace WTP is pending.

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 acid tank used for regeneration is now empty. Prior to the delivery of additional acid, the isolation valve for the tank will be changed.

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.

4. **FRACE WTP – CATCH BASIN INSTALLATION**
ESTIMATED COMPLETION OF DESIGN: May 15, 2018
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: \$36,000
CONTRACTOR: TBD

Project plans and specifications are being finalized. The following schedule has been provided to the Borough and QPA for coordination.

Friday June 15th – draft package to QPA and Borough
Friday June 22nd – distribution to contractors
Thursday July 5th – received quotations
Tuesday July 10th – possible award

5. **2016 WATER UTILITY IMPROVEMENTS**
ESTIMATED COMPLETION OF DESIGN: N/A
ESTIMATED COMPLETION OF CONSTRUCTION: JULY 1, 2018
ESTIMATED CONSTRUCTION COST:
CONTRACTOR: PENN BOWER

We are continuing with our review of the work inspected by the Borough. A payment application has been forwarded to the Borough.

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. A punchlist is being prepared for completion by the contractor.

2. **SANITARY METER VAULT INSTALLATION**
ESTIMATED COMPLETION OF DESIGN: May 2018

ESTIMATED COMPLETION OF CONSTRUCTION: 30 Days upon issuing Notice to Proceed

ESTIMATED CONSTRUCTION COST: \$40,000

CONTRACTOR: TBD

Project plans and specifications are being finalized. The following schedule has been provided to the Borough and QPA for coordination.

Friday July 6th – draft package to QPA and Borough

Friday July 13th – distribution to contractors

Tuesday July 24th– received quotations

Tuesday July 24thth – possible award

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

Bids were rejected. Based upon our conversation with bidder, higher than anticipated costs may be attributed to:

1. Limited bidders and non-representative costs. Two (2) perspective bidders did not bid – they forgot the bid date.
2. The system at Winter Street added additional costs to the system.

Based upon the above, we recommended revision of the scope to eliminate the Winter Street Improvements, at this time. We request authorization to re-advertise. In addition, we will advise perspective bidders of new advertisement date.