

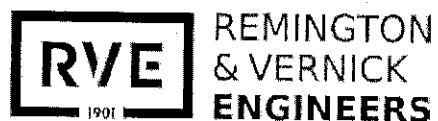
BOROUGH OF ALPHA

GENERAL CAPITAL PROJECTS AND WATER UTILITY ENGINEERING STATUS REPORT

January 12, 2021

PREPARED BY:

**REMINGTON & VERNICK ENGINEERS
232 KINGS HIGHWAY EAST
HADDONFIELD, NEW JERSEY 08033
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www.rve.com**



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 are 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. A meeting was held with Ken Homa, property owner and they are willing to give an easement to the Borough for the replacement of the pipe at Homa Lane. Council authorized the preliminary engineering phase of the project at their October 22, 2019 Council Meeting. Survey and base have been completed. The hydraulic analysis has been completed and an approximate 2.5 feet high by 10 feet wide would be the most physically practical to install and have any significant upstream flooding benefit. Council authorized us to submit to the NJDEP for a pre-application meeting to discuss our approach and analysis. The meeting was held on April 29, 2020 with positive results as the ideal of new culvert is acceptable to the NJDEP. Council authorized RVE to advance the project with the NJDEP Permit application preparation/submission at their May 12, 2020 meeting. Permit Application is complete and waiting for Property Owner (Homa) to sign the application form. Proposed easement description will be prepared once plans are complete for NJDEP submission.

2. 2019 ROAD PROGRAM (NORTH BOULEVARD PHASE III AND SOUTH BOULEVARD)

ESTIMATED COMPLETION OF DESIGN: May 2019

ESTIMATED COMPLETION OF CONSTRUCTION: May 2020

CONSTRUCTION COST: \$658,524.75

CONTRACTOR: Capital Paving and Contracting

Borough Council authorized the engineering services at their February 19, 2019 Council Meeting. Final documents are complete, and they have been submitted to the NJDOT for review and comment prior to being advertised for construction bids. The NJDOT has finalized the grant agreement and placed into their system. Documents submitted to the NJDOT have been reviewed and approved. The Project has been advertised for construction bids and bids were received on August 13, 2019. The bids exceeded the engineers estimate and Borough's budget. The low bidder has agreed in writing to hold their bid for Council to bond for the money and make a construction contract award in January 2020. Council Awarded the construction contract to Capital Paving at their January 14, 2020 meeting, Contracts have been prepared and fully executed by all parties. Construction is complete and minor punchlist items remain. Close-out of the project is proceeding including NJDOT documentation for remaining grant reimbursement. Final change order has been completed and upon Council approval it will be transmitted to the NJDOT for approval.

3. 2020 ROAD PROGRAM (5TH AVENUE PHASE II AND EAST CENTRAL AVENUE)

ESTIMATED COMPLETION OF DESIGN: November 2019

ESTIMATED COMPLETION OF CONSTRUCTION: May 2020

CONSTRUCTION COST: \$408,312.65

CONTRACTOR: Capital Paving and Contracting

Borough Council authorized the engineering services at their May 14, 2019 Council Meeting. Asphalt cores were taken along East Central Avenue. Survey has been completed. Existing condition base plans have been prepared. Final construction plans and specifications are complete. Plans, Specifications, Design Certification and Estimate have been sent to the NJDOT Local Aid for review and approval prior to public advertisement for construction bids. NJDOT approved the construction documents. Bids were received on February 20, 2020 and Base Bid 2 (5th Avenue, Davis Street and E Central Avenue) was awarded to Capital Paving & Contracting at the February 25, 2020 Council Meeting. Contracts have been fully executed. Construction is complete. Close-out of the project is proceeding including NJDOT documentation for remaining grant reimbursement. NJDOT Final Inspection is complete and punchlist (if any) will be posted to SAGE shortly.

4. STATE ROUTE 122 AND INDUSTRIAL DRIVE INTERSECTION IMPROVEMENTS (NJDOT LOCAL AID FREIGHT GRANT)

ESTIMATED COMPLETION OF DESIGN: April 2020

ESTIMATED COMPLETION OF CONSTRUCTION: November 2020

CONSTRUCTION COST: To Be Determined

CONTRACTOR: To Be Determined

Borough Council authorized the engineering services at their November 26, 2019 Council Meeting. The left turn traffic analysis is in progress. Survey is completed and base plans have been prepared. A left turn onto Industrial Drive from Rt 122 westbound is warranted. Preliminary

plans are being prepared. A meeting was held with the adjacent property owner to discuss property dedication needed for the proposed improvements.

5. RECONSTRUCTION OF 5TH AVENUE – PHASE III (NJDOT LOCAL AID FY 2020 GRANT)

ESTIMATED COMPLETION OF DESIGN: March 2020

ESTIMATED COMPLETION OF CONSTRUCTION: August 2020

CONSTRUCTION COST: \$252,889.60

CONTRACTOR: South State, Inc

Borough Council authorized the engineering services at their January 14, 2020 Council Meeting. Survey and base plans are completed. Final documents are near completion and we will be submitting to the NJDOT for their review and concurrence. Final Construction documents have been sent to the NJDOT for review and approval prior to advertisement for construction bids. NJDOT approval was received and project was advertised and bids received. Council awarded a construction contract to South State, Inc at their June 23, 2020 meeting. Contracts have been sent to the contractor. A preconstruction meeting was held on July 9, 2020 and a Notice To Proceed (NTP) was issued on of July 27, 2020. Construction is complete and punchlist and close-out is proceeding. NJDOT Final Inspection is complete and punchlist (if any) will be posted to SAGE shortly.

6. NJPDES PERMIT – INDUSTRIAL DRIVE MAJOR LANDFILL DISRUPTION PERMIT
ESTIMATED COMPLETION OF DESIGN: February 2020

This phase of the work has been authorized in December 2019 and initiated. This was submitted to NJDEP on March 26, 2020 for their consideration. NJDEP has requested additional survey information that has been submitted. Written approval from NJDEP was recieved.

WATER PROJECTS

1. ASSET MANAGEMENT PLAN (AMP)

ESTIMATED COMPLETION OF DESIGN: Final Review – May 2019

The AMP is complete. A draft report will be provided this week for review with the Borough at the October 16th meeting. A draft report has been submitted to the Borough.

ASSET MANAGEMENT PLAN (GIS)

ESTIMATED COMPLETION OF DESIGN: Complete

A review conference call was held on 2/5/2020 and follow-up as-built field book document of the 1937 water system was found and provided to RVE by the Borough on 2/13/2020. We have scanned, inventoried, and will review, verify, and incorporate these water assets into the GIS water system layer of Alpha Borough. The as-built field book document is broken down by street and include, but not limited to, the following:

- Water main pipes
- Water main line valves
- Water laterals

- Water lateral service valves
- Water fittings
- Fire Hydrants
- Fire hydrant valves

The lengths and sizes are shown, and we will review and add to the water system mapping where available.

The DPW was provided the water system maps with and without aerial mapping displayed for their review and reference to be sure all available comments are addressed and confirm the water assets found. We have received two marked-up maps with comments from this set on 5/21/2020, which were applied and returned with additional questions on 6/2/2020. DPW is sending additional sheets with water service locations as they are completed. When completed, we will use this to identify and target any missing/obscured areas that need to be field verified and collected to complete this phase. Valve location and fire hydrants were field located and incorporated into the GIS map. RVE is requesting review by DPW for potential revisions.

3. FRACE WTP O&M MANUAL
ESTIMATED COMPLETION OF DESIGN: January 2020

The development of the Frace WTP O&M Manual has been authorized. We are currently preparing the outline and will be meeting with the Borough and Operator to develop sequencing scenarios in May. A draft has been provided to the Borough.

4. Leak Detection

A round of leak detection was performed in the past month. The sinkhole and water main failure over the past weekend may have been the problem. The main is back in operation and a water boil notice issued. Water consumption should be continued to be monitored and additional leak detection performed if consumption remains high.

5. Services

RVE has requested that the Borough review the water service records and provide a number of the existing lead whip or galvanized services that remain in the Borough. This is being requested by NJDEP.

SANITARY PROJECTS

1. WMP AMENDMENT FOR PROPERTIES SOUTH OF ROUTE 78
ESTIMATED PRELIMINARY SUBMISSION: JUNE 2020

The Properties South of Route 78 are proposed to be incorporated in the Wastewater Management Plan for the Borough of Alpha. This will involve the approval of the Highlands Commission, Borough of Phillipsburg and NJDEP. RVE has prepared a Draft report and associated mapping for this project to develop public input, and it is available for consideration by Council.

MISCELLANEOUS PROJECTS

1. GENERAL ISSUES - GENERAL ENGINEERING

1. Odor Control Device specified for Wet Well Exhaust Fan. Unit will require minor ductwork and piping and a VFD to reduce the Exhaust Fan Speed. Information provided to the Borough for obtaining quotes.
2. Sanitary Sewer Force Main Air relief valve needs to be replaced at Flirt Alley and the other two locations need to be evaluated.
3. Long term solution for Comminutor was ordered. A spare is on order.
4. An air release valve for the Frace Street WTP softener vessel was sized for the Borough.

2. LEIGH FUEL PROPERTY INVESTIGATION

The Leigh Fuel property preliminary assessment (PA) was authorized by Council at the November 28, 2018 meeting and the grant documents have been executed. A site visit was conducted, and we performed a desk top survey of the property. The PA is complete and has been submitted to the NJDEP. A proposal had been provided to Council for their consideration of advancing the assessment through additional grant dollars. The Grant Application has been submitted to the NJDEP on January 27, 2020. NJDEP has requested clarification on certain cost items in the grant application. This was be provided to NJDEP in December 2020 and accepted by NJDEP.

3. Tax Map Maintenance/Revisions for the Borough of Alpha for Tax Year 2020

The 2020 Tax Map Maintenance proposal was submitted and approved by the Borough per resolution 2020-41, dated 1/14/2020 per our proposal dated 11/15/2019. This work will be performed over the course of the year and will be filed with County Tax Board No Later Than January 2021. Pending work was to have been submitted December 2020. RVE has not received pending work orders for final work on Tax Maps from the Borough to date. This was due to Warren County by January 10, 2021. We can still work with Alpha to submit as soon as possible upon receipt of files from Alpha with an anticipated work time of one week.

NEW JERSEY DEPARTMENT OF TRANSPORTATION
STATE AID PROJECTS
CHANGE ORDER NUMBER - 1 FINAL
Division of Local Aid and Economic Development

Project	FY 2018 NJDOT LAIF - 2019 ROAD PROGRAM IMPROVEMENTS TO NORTH BLVD. PH. III
Municipality	BOROUGH OF ALPHA
County	COUNTY OF WARREN
Contractor	CAPITAL PAVING & CONTRACTING, LLC

In accordance with the project Supplementary Specification, the following are changes in the contract.
 Location and Reason for Change (Attach additional sheets if required) -

- A) REMOBILIZATION OF SOIL STABILIZATION CREW DUE TO ADDITIONAL CONTRACTOR WORKING WITHIN THE ROADWAY
 B) INSTALLATION OF A MID-BLOCK CROSSWALK AT THE ALPHA PUBLIC SCHOOL
 C) FINAL ADJUSTMENT OF AS-BUILT QUANTITIES

Date of Change Order: 12/30/20

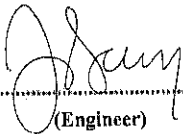
<u>Item No.</u>	<u>Description</u>	<u>Quantity (+/-)</u>	<u>Unit Price</u>	<u>Amount</u>
<u>EXTRAS:</u>				
15E	RESET EXISTING CASTING	10 UN	\$744.00	\$7,440.00
18E	CONCRETE SIDEWALK 4" THK.	72 SY	\$87.60	\$6,307.20
19E	HOT MIX ASPHALT DRIVEWAY 4" THK.	23 SY	\$138.00	\$3,174.00
34E	HOT MIX ASPHALT 19M64 BASE COURSE	4.6 TON	\$85.15	\$391.69
42E	HOT MIX ASPHALT DRIVEWAY 4" THK.	62 SY	\$110.00	\$6,820.00
43E	CONCRETE DRIVEWAY 4" THK.	8 SY	\$80.00	\$640.00
44E	DETECTABLE WARNING SURFACE 4" THK.	1 SY	\$325.00	\$325.00
				<u>\$25,097.89</u>
<u>SUPPLEMENTALS:</u>				
S1	REMOBILIZATION OF SOIL STABILIZATION CREW	1 LS	\$8,922.13	\$8,922.13
S2	SIGNAGE AND STRIPING FOR MIDBLOCK CROSSWALK	1 LS	\$2,075.85	\$2,075.85
				<u>\$10,997.98</u>
<u>REDUCTIONS:</u>				
6R	FUEL PRICE ADJUSTMENT	2.0858866 LS	\$1,500.00	\$3,128.83
7R	ASPHALT PRICE ADJUSTMENT	1.591468 LS	\$2,500.00	\$3,978.67
9R	OFF SITE 9"X18" CONCRETE CURB	225 LF	\$42.00	\$9,450.00
11R	HIT MIX ASPHALT 9.5 M64 SURFACE COURSE	2 TON	\$96.60	\$193.20
12R	HOT MIX ASPHALT 19.5M64 BASE COURSE	23.8275 TON	\$81.50	\$1,941.94
29R	FUEL PRICE ADJUSTMENT	1.95148 LS	\$1,500.00	\$2,927.22
30R	ASPHALT PRICE ADJUSTMENT	1.949448 LS	\$2,500.00	\$4,873.62
33R	HOT MIX ASPHALT 9.5M64 SURFACE COURSE	5 TON	\$100.50	\$502.50
45R	9"X18" CONCRETE CURB	100 LF	\$21.00	\$2,100.00
				<u>\$29,095.98</u>

NEW JERSEY DEPARTMENT OF TRANSPORTATION
STATE AID PROJECTS
CHANGE ORDER NUMBER - 1 FINAL
Division of Local Aid and Economic Development

Project	FY 2018 NJDOT LAIF - 2019 ROAD PROGRAM IMPROVEMENTS TO NORTH BLVD. PH. III
Municipality	BOROUGH OF ALPHA
County	COUNTY OF WARREN
Contractor	CAPITAL PAVING & CONTRACTING, LLC

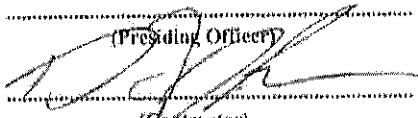
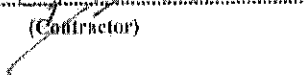
Amount of Original Contract	<u>\$658,524.75</u>	Extra	\$25,097.89
Adjusted Amount Based on Change		Supplemental	\$10,997.98
Order No. 1 FINAL	<u>\$665,524.64</u>	Reduction	<u>(\$29,095.98)</u>
		Total Change	<u>\$6,999.89</u>

% Change in Contract 1.06 %
 (+) Increase

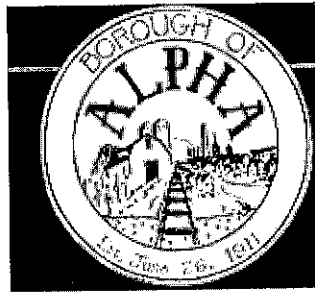

 (Engineer)

1/6/2021
 (Date)

Approved: _____
 Manager (Date)
 District 1 - Local Aid


 (Presiding Officer)

 (Contractor)

 (Date)
 1-6-21
 (Date)



BOROUGH OF ALPHA

GENERAL CAPITAL PROJECTS AND WATER UTILITY ENGINEERING STATUS REPORT

July 14, 2020

PREPARED BY:

**REMINGTON & VERNICK ENGINEERS
232 KINGS HIGHWAY EAST
HADDONFIELD, NEW JERSEY 08033
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GENERAL CAPITAL PROJECTS and UTILITY ENGINEERING STATUS REPORT

July 14, 2020

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ACTION ITEMS

1. RVE was requested to review a storm water drainage issues along Bagley Street between Park Avenue and West Boulevard. We found in May of 2013 we recommended to install an inlet and pipe to connect to the storm sewer system in West Boulevard. The total project was estimated to be \$28,375 including engineering and inspection in 2013. It does not appear Council acted on the recommendation.
2. NJDOT FY 2021 Municipal Aid Grant Applications have been announced and are due before July 1, 2020. Council determined Pursell Street (Park Avenue to Schley Avenue) and Pohatcong Street (1st Avenue to 3rd Avenue) would be the two grant applications submitted. RVE prepared the applications and submitted through SAGE on June 30, 2020. Resolutions passed by Council at their June 23, 2020 meeting for the Grant submissions were sent to the NJDOT to complete the application package. Notice of grant recipients should be announced near the end of October 2020.
3. Alternate Tank Proposal Action Required – See subsequent information.
4. Industrial Drive Thickness Quote Action Required – See subsequent information.
5. Grease Program Reimplementation Action Required – See subsequent information.
6. Frace Inlet Action Required – See subsequent information

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 are 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. A meeting was held with Ken Homa, property owner and they are willing to give

an easement to the Borough for the replacement of the pipe at Homa Lane. Council authorized the preliminary engineering phase of the project at their October 22, 2019 Council Meeting. Survey and base have been completed. The hydraulic analysis has been completed and an approximate 2.5 feet high by 10 feet wide would be the most physically practical to install and have any significant upstream flooding benefit. Council authorized us to submit to the NJDEP for a pre-application meeting to discuss our approach and analysis. The meeting was held on April 29, 2020 with positive results as the ideal of new culvert is acceptable to the NJDEP. Council authorized RVE to advance the project with the NJDEP Permit application preparation/ submission at their May 12, 2020 meeting. Permit application preparation is proceeding including plan preparation. Proposed easement description will be prepared once plans are complete for NJDEP submission.

2. INDUSTRIAL DRIVE/EDGE ROAD CONNECTOR ROAD

ESTIMATED COMPLETION OF DESIGN: December 2018

ESTIMATED COMPLETION OF CONSTRUCTION: August 2020

CONSTRUCTION COST: \$505,194.46

CONTRACTOR: Top Line Construction

We were authorized for the engineering services by Council at the November 13, 2017 Council Meeting. 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. We met with Hunterdon Transformer to review the plans and discuss various issues effecting their property. ROW is being secured through deeds of dedication by the Borough Attorney. Council authorized RVE to advertise the project for Public Construction Bids at the February 19, 2019 Council Meeting. Warren County SCD application was submitted for approval to the Soil Conservation district. Council awarded a construction contract to Top Line Construction at their April 23, 2019 meeting in the amount of \$505,194.46. A pre-construction meeting was held on May 16, 2019 and the notice to proceed was given on May 20, 2019. Remaining work will be completed upon substantial construction of adjacent warehouse development. A temporary asphalt curb was installed to deter erosion prior to the development of the adjacent property. Construction will be completed in the Spring of 2020 since the adjacent development has not constructed their storm sewer system which impacts the completion of the Borough's contract. Top Line will be mobilizing to complete the work in early August of 2020.

3. 2019 ROAD PROGRAM (NORTH BOULEVARD PHASE III AND SOUTH BOULEVARD)

ESTIMATED COMPLETION OF DESIGN: May 2019

ESTIMATED COMPLETION OF CONSTRUCTION: May 2020

CONSTRUCTION COST: \$658,524.75

CONTRACTOR: Capitol Paving and Contracting

Borough Council authorized the engineering services at their February 19, 2019 Council Meeting. Final documents are complete, and they have been submitted to the NJDOT for review and comment prior to being advertised for construction bids. The NJDOT has finalized the grant agreement and placed into their system. Documents submitted to the NJDOT have been reviewed and approved. The Project has been advertised for construction bids and bids were received on August 13, 2019. The bids exceeded the engineers estimate and Borough's budget. The low bidder has agreed in writing to hold their bid for Council to bond for the money and make a

construction contract award in January 2020. Council Awarded the construction contract to Capitol Paving at their January 14, 2020 meeting, Contracts have been prepared and fully executed by all parties. Construction is complete and minor punchlist items remain. Close-out of the project is proceeding including NJDOT documentation for remaining grant reimbursement.

4. MUNICIPAL POOL DEMOLITION

ESTIMATED COMPLETION OF DESIGN: March 2019

ESTIMATED COMPLETION OF CONSTRUCTION: March 2020

CONSTRUCTION COST: \$78,599.00

CONTRACTOR: CMS Services

Borough Council authorized the engineering services at their February 19, 2019 Council Meeting. Construction documents are complete, and the project was advertised for construction bids. Bids were received and there was a three-way tie for the low bid of \$55,000. Project was re-advertised with changes to the scope of work as directed and one acceptable bid was received at \$128,000. Council rejected the bids and a meeting was held with prior bidders to discuss submission of a best and final price. The prices were submitted to Sean Canning on Monday July 8, 2019 at 10 AM and CMS Services, LLC were the low bid submitted at \$78,599.00. Council awarded the construction contract at their October 7, 2019 Council Meeting. A preconstruction Meeting was held on October 31, 2019. Contracts have been prepared and executed by the contractor and are with the Borough for full execution. Contracts have been fully executed and returned to all parties. The Notice to Proceed was issued for February 10, 2020. Construction is complete including punchlist. Project close-out is proceeding.

5. 2020 ROAD PROGRAM (5TH AVENUE PHASE II AND EAST CENTRAL AVENUE)

ESTIMATED COMPLETION OF DESIGN: November 2019

ESTIMATED COMPLETION OF CONSTRUCTION: May 2020

CONSTRUCTION COST: \$408,312.65

CONTRACTOR: Capitol Paving and Contracting

Borough Council authorized the engineering services at their May 14, 2019 Council Meeting. Asphalt cores were taken along East Central Avenue. Survey has been completed. Existing condition base plans have been prepared. Final construction plans and specifications are complete. Plans, Specifications, Design Certification and Estimate have been sent to the NJDOT Local Aid for review and approval prior to public advertisement for construction bids. NJDOT approved the construction documents. Bids were received on February 20, 2020 and Base Bid 2 (5th Avenue, Davis Street and E Central Avenue) was awarded to Capitol Paving & Contracting at the February 25, 2020 Council Meeting. Contracts have been fully executed. Construction is complete. Close-out of the project is proceeding including NJDOT documentation for remaining grant reimbursement.

6. STATE ROUTE 122 AND INDUSTRIAL DRIVE INTERSECTION IMPROVEMENTS (NJDOT LOCAL AID FREIGHT GRANT)

ESTIMATED COMPLETION OF DESIGN: April 2020
ESTIMATED COMPLETION OF CONSTRUCTION: November 2020
CONSTRUCTION COST: To Be Determined
CONTRACTOR: To Be Determined

Borough Council authorized the engineering services at their November 26, 2019 Council Meeting. The left turn traffic analysis is in progress. Survey is completed and base plans have been prepared. A left turn onto Industrial Drive from Rt 122 westbound is warranted. Preliminary plans are being prepared. A meeting was held with the adjacent property owner to discuss property dedication needed for the proposed improvements.

7. RECONSTRUCTION OF 5TH AVENUE – PHASE III (NJDOT LOCAL AID FY 2020 GRANT)

ESTIMATED COMPLETION OF DESIGN: March 2020
ESTIMATED COMPLETION OF CONSTRUCTION: August 2020
CONSTRUCTION COST: \$252,889.60
CONTRACTOR: South State, Inc

Borough Council authorized the engineering services at their January 14, 2020 Council Meeting. Survey and base plans are completed. Final documents are near completion and we will be submitting to the NJDOT for their review and concurrence. Final Construction documents have been sent to the NJDOT for review and approval prior to advertisement for construction bids. NJDOT approval was received and project was advertised and bids received. Council awarded a construction contract to South State, Inc at their June 23, 2020 meeting. Contracts have been sent to the contractor. A preconstruction meeting was held on July 9, 2020 with an anticipated Notice To Proceed (NTP) of July 20, 2020.

8. INDUSTRIAL ROAD EXTENSION

ESTIMATED COMPLETION OF DESIGN: November 2019
ESTIMATED COMPLETION OF CONSTRUCTION: April 2021
CONSTRUCTION COST: To Be Determined
CONTRACTOR: To Be Determined

Borough Council authorized the engineering services at their November 26, 2019 Council Meeting. Proposed roadway baseline is complete and field survey is complete. Base plans have been completed and the preliminary plans complete.

9. NJPDES PERMIT – INDUSTRIAL DRIVE LANDFILL DISRUPTION PERMIT
ESTIMATED COMPLETION OF DESIGN: January 2020

ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

The next phase of the work has been authorized and initiated. A status meeting will be scheduled for early November to review progress and initial results. Field work is complete, and we are awaiting laboratory results. Final report was submitted to NJDEP on January 15, 2020.

10. NJPDES PERMIT – INDUSTRIAL DRIVE MAJOR LANDFILL DISRUPTION PERMIT
ESTIMATED COMPLETION OF DESIGN: February 2020
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

This phase of the work has been authorized in December 2019 and initiated. This was submitted to NJDEP on March 26, 2020 for their consideration. NJDEP has requested additional survey information.

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 County has issued the permit. The work had to be postponed due to the County schedule. A meeting was held October 16th to review the schedule with the contractor and the County. The County restoration was scheduled for the following week. Final connections are to be arranged with homeowners.

2. ASSET MANAGEMENT PLAN (AMP)
ESTIMATED COMPLETION OF DESIGN: Final Review – May 2019
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

The AMP is complete. A draft report will be provided this week for review with the Borough at the October 16th meeting. A draft report has been submitted to the Borough.

ASSET MANAGEMENT PLAN (GIS)
ESTIMATED COMPLETION OF DESIGN: Three weeks after receipt of Borough As-built documents and Comments

A review conference call was held on 2/5/2020 and follow-up as-built field book document of the 1937 water system was found and provided to RVE by the Borough on 2/13/2020. We have scanned, inventoried, and will review, verify, and incorporate these water assets into the GIS

GENERAL CAPITAL PROJECTS and UTILITY ENGINEERING STATUS REPORT

July 14, 2020

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water system layer of Alpha Borough. The as-built field book document is broken down by street and include, but not limited to, the following:

- Water main pipes
- Water main line valves
- Water laterals
- Water lateral service valves
- Water fittings
- Fire Hydrants
- Fire hydrant valves

The lengths and sizes are shown, and we will review and add to the water system mapping where available.

The DPW was provided the water system maps with and without aerial mapping displayed for their review and reference to be sure all available comments are addressed and confirm the water assets found. We have received two marked-up maps with comments from this set on 5/21/2020, which were applied and returned with additional questions on 6/2/2020. DPW is sending additional sheets with water service locations as they are completed. When completed, we will use this to identify and target any missing/obscured areas that need to field verified and collected to complete this phase. There is a lot more work to do before we can field verify, this information is still ongoing.

**3. FRACE WTP O&M MANUAL
ESTIMATED COMPLETION OF DESIGN: January 2020**

The development of the Frace WTP O&M Manual has been authorized. We are currently preparing the outline and will be meeting with the Borough and Operator to develop sequencing scenarios in May. Submission for Borough review is anticipated by July 2020.

4. ALTERNATE TANK LOCATION

RVE submitted a proposal dated June 15, 2020 in the amount of \$34,800.00 for services to determine optimum location of a proposed new water tank and improvements necessary to support safe and efficient water system improvements in the Borough. Action by Council is required.

5. INDUSTRIAL DRIVE WATER TANK THICKNESS STUDY

RVE has solicited a quote from a vendor, Corrosion Control in the amount of \$5800 to perform a study of the thickness of the Industrial Drive Water Tank. Action by Council is required.

6. Leak Detection

RVE is soliciting quotes from Vendors to evaluate the Boroughs water system for leaks. There has been a very alarming increase in Water Production that is consistent with leaks from the Boroughs Water Mains.

7. INLET AT FRACE

RVE recommendation for a Change in Scope for Contractor. See attached letter.

SANITARY PROJECTS

1. SMOKE TESTING SECOND HALF OF BOROUGH ESTIMATED COMPLETION OF DESIGN: APRIL 2020

The project consists of bidding the smoke testing of the second half of the Borough. Quote package developed, processed through Purchasing Agent, and quoted. Two quotes were received April 10, 2020 and the low quote was CSL who performed the work last year. The quoting process was done all electronically. RVE recommends award to CSL in the amount of \$15,543.00. Action by Council is required.

2. 2020 EMERGENCY CONTRACT ESTIMATED COMPLETION OF DESIGN: APRIL 2020

Bid documents have been prepared. Project is being readvertised.

3. WMP AMENDMENT FOR PROPERTIES SOUTH OF ROUTE 78 ESTIMATED PRELIMINARY SUBMISSION: JUNE 2020

The Properties South of Route 78 are proposed to be incorporated in the Wastewater Management Plan for the Borough of Alpha. This will involve the approval of the Highlands Commission, Borough of Phillipsburg and NJDEP. RVE has prepared a Draft report and associated mapping for this project to develop public input, and it is available for consideration by Council.

4. SANITARY PUMP STATION GENERAL ISSUES GENERAL ENGINEERING

1. Odor Control Device specified for Wet Well Exhaust Fan. Unit will require minor ductwork and piping and a VFD to reduce the Exhaust Fan Speed. Information provided to the Borough for obtaining quotes.
2. Grease Blockage event weekend of June 6. Recommendation to reimplement a Grease program with Borough Commercial and Institutional users. The Event of June 6 resulted in a Corrective Action letter to NJDEP that identified the Grease Program as the Action.
3. Force Main Air relief valve needs to be replaced at Flirt Alley and the other two locations need to be evaluated.
4. Sanitary Sewer Pumps have been rebuilt/new and are operating satisfactorily.
5. Long term solution for Comminutor should be evaluated. A spare should be purchased.

MISCELLANEOUS PROJECTS

1. LEIGH FUEL PROPERTY INVESTIGATION

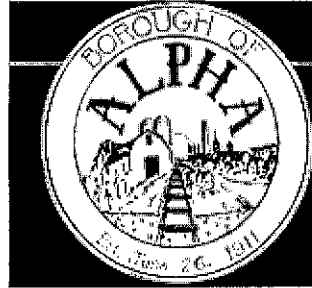
The Leigh Fuel property preliminary assessment (PA) was authorized by Council at the November 28, 2018 meeting and the grant documents have been executed. A site visit was conducted, and we performed a desk top survey of the property. The PA is complete and has been submitted to the NJDEP. A proposal had been provided to Council for their consideration of advancing the assessment through additional grant dollars. The Grant Application has been submitted to the NJDEP on January 27, 2020.

2. Tax Map Maintenance/Revisions for the Borough of Alpha for Tax Year 2020

The 2020 Tax Map Maintenance proposal was submitted and approved by the Borough per resolution 2020-41, dated 1/14/2020 per our proposal dated 11/15/2019. This work will be performed over the course of the year and will be filed with County Tax Board No Later Than January 2021.

3. GIS Hosting of Municipal Map Layers for the Borough of Alpha

The Mayor has requested that RVE prepare and present a demonstration of our GIS municipal map hosting capabilities for both the public and municipal departments. Now that the Borough has several GIS map layers generated and maintained, this information can be utilized by various departments such as Code Enforcement, Tax Assessor, Construction Official, DPW, etc in the performance of their duties and task completion. RVE would like to schedule a presentation for late July or early August 2020, to demonstrate the hosting capabilities. This presentation can be either in person or virtually presented depending on COVID meeting restrictions in place at that time. We will notify all departments once the meeting date is determined.



BOROUGH OF ALPHA

GENERAL CAPITAL PROJECTS AND WATER UTILITY ENGINEERING STATUS REPORT

September 10, 2019

PREPARED BY:

**REMINGTON & VERNICK ENGINEERS
232 KINGS HIGHWAY EAST
HADDONFIELD, NEW JERSEY 08033
(856) 795-9595
www.rve.com**



ACTION ITEMS

1. The FY 2020 NJDOT Local Aid Freight Grant applications have recently been requested by the NJDOT. A potential candidate which was discussed in the past is a joint application with Pohatcong Township for Edge Road and New Brunswick Avenue (State Rt 122) intersection improvements. Applications are due on October 16, 2019.
2. GY 2019 NJDOT Local Aid Freight Grant applications have recently been requested by the NJDOT. Council authorized us to prepare an application for Industrial Drive and State Route 122 Intersection Improvements. The application was completed and submitted electronically on January 10, 2019. The NJDOT awarded the borough a Grant in the amount of \$305,000.
3. NJDOT FY 2020 NJDOT Transportation Trust Fund Municipal Aid Applications are now being accepted until July 19, 2019. Council determined the following applications will be submitted. We completed the application and submitted them through SAGE prior on July 19, 2019.
 - Pursel Street – Schley Avenue to Park Avenue
 - 5th Avenue Phase III – Somerset Street to Williams Street
4. The Leigh Fuel property preliminary assessment (PA) was authorized by Council at the November 28, 2018 meeting and the grant documents have been executed. A site visit was conducted and we performed a desk top survey of the property. The PA is complete and has been submitted to the NJDEP.
5. The census map has been completed and submitted to the Borough.
6. The Drug Free School Zone map has been completed and submitted to the Borough for review and comment.

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. A meeting was held with Ken Homa, property owner and they are willing to give an easement to the Borough for the replacement of the pipe at Homa Lane. We are preparing a proposal for the engineering services.

2. INDUSTRIAL DRIVE/EDGE ROAD CONNECTOR ROAD

ESTIMATED COMPLETION OF DESIGN: December 2018

ESTIMATED COMPLETION OF CONSTRUCTION: October 2019

CONSTRUCTION COST: \$505,194.46

CONTRACTOR: Top Line Construction

We were authorized for the engineering services by Council at the November 13, 2017 Council Meeting.. 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. ROW Map and metes and bounds description was completed and sent to the Borough Attorney for deed dedication preparation. We met with Hunterdon Transformer to review the plans and discuss various issues effecting their property. ROW is being secured through deeds of dedication by the Borough Attorney. Council authorized RVE to advertise the project for Public Construction Bids at the February 19, 2019 Council Meeting. Warren County SCD application was submitted for approval to the Soil Conservation district. Council awarded a construction contract to Top Line Construction at their April 23, 2019 meeting in the amount of \$505,194.46. A pre-construction meeting was held on May 16, 2019 and the notice to proceed was given on May 20, 2019. Curb and storm sewer pipe is completed. Roadway is asphalt based paved. Remaining work will be completed upon substantial construction of adjacent warehouse development.

3. 2019 ROAD PROGRAM (NORTH BOULEVARD PHASE III AND SOUTH BOULEVARD)

ESTIMATED COMPLETION OF DESIGN: May 2019

ESTIMATED COMPLETION OF CONSTRUCTION: November 2019

CONSTRUCTION COST: To Be Determined

CONTRACTOR: To Be Determined

Borough Council authorized the engineering services at their February 19, 2019 Council Meeting. Final documents are complete and they have been submitted to the NJDOT for review and comment prior to being advertised for construction bids. The NJDOT has finalized the grant agreement and placed into their system. Documents submitted to the NJDOT have been reviewed and approved. The Project has been advertised for construction bids and bids will be received On August 13, 2019 with a possible award at the Borough Council meeting on August 13, 2019.

4. MUNICIPAL POOL DEMOLITION

ESTIMATED COMPLETION OF DESIGN: March 2019
ESTIMATED COMPLETION OF CONSTRUCTION: To Be Determined
CONSTRUCTION COST: To Be Determined
CONTRACTOR: To Be Determined

Borough Council authorized the engineering services at their February 19, 2019 Council Meeting. Construction documents are complete and the project was advertised for construction bids. Bids were received and there was a three way tie for the low bid of \$55,000. Project was re-advertised with changes to the scope of work as directed and one acceptable bid was received at \$128,000. Council rejected the bids and a meeting was held with prior bidders to discuss submission of a best and final price. The prices were submitted to Sean Canning on Monday July 8, 2019 at 10 AM and CMS Services, LLC were the low bid submitted at \$78,599.00.

5. 2020 ROAD PROGRAM (5TH AVENUE PHASE II AND EAST CENTRAL AVENUE)

ESTIMATED COMPLETION OF DESIGN: October 2019
ESTIMATED COMPLETION OF CONSTRUCTION: May 2020
CONSTRUCTION COST: To Be Determined
CONTRACTOR: To Be Determined

Borough Council authorized the engineering services at their May 14, 2019 Council Meeting. Asphalt cores were taken along East Central Avenue. Survey has been completed. Existing condition base plans have been prepared and preliminary plans are being developed.

WATER PROJECTS

1. **2018 WATER UTILITY IMPROVEMENTS**
ESTIMATED COMPLETION OF DESIGN: Complete
ESTIMATED COMPLETION OF CONSTRUCTION: TBD (County delay)
ESTIMATED CONSTRUCTION COST: TBD
CONTRACTOR: TBD

The County has issued the permit. The work had to be postponed due to the County schedule.

2. **NJPDES PERMIT – INDUSTRIAL DRIVE LANDFILL DISRUPTION PERMIT**
ESTIMATED COMPLETION OF DESIGN: February 2020
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

The permit has been received from the NJDEP to complete the field investigation. A meeting is scheduled with the Borough for Monday September 16th to review the work moving forward.

3. **ASSET MANAGEMENT PLAN (AMP)**
ESTIMATED COMPLETION OF DESIGN: Final Review – September 2019
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

The AMP is complete. The inventory and ranking for the infrastructure has been reviewed. The AMP is being coordinated with the GIS portion for submission in September.

4. **FRACE WTP O&M MANUAL**
ESTIMATED COMPLETION OF DESIGN: January 2020
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

A proposal for development of a manual for operational sequencing has been provided to Council for review. The O&M Manual will allow future operators / personnel to trouble shoot the plant and operate during normal conditions.

SANITARY PROJECTS

1. **WINTER STREET 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

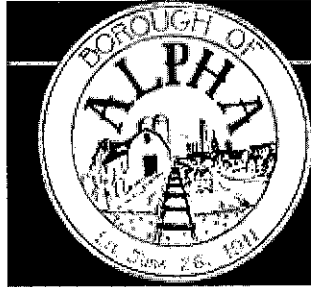
Bid Documents are being prepared for installation of the meter vault since the requested quotes were higher than the bid threshold. A proposal has been submitted to Council for review.

2. **SANITARY SMOKE TESTING**
ESTIMATED COMPLETION OF DESIGN: NA
ESTIMATED COMPLETION OF CONSTRUCTION: TBD
ESTIMATED CONSTRUCTION COST: \$18,000
CONTRACTOR: TBD

Notices to residents were distributed on Monday September 9th. Work is planned to begin on Wednesday September 11th.

3. **USDA APPLICATION**
ESTIMATED COMPLETION OF DESIGN: NA
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

Additional information is being prepared in support of the submission. Signature is required by the Mayor which will be presented at the meeting.



BOROUGH OF ALPHA

GENERAL CAPITAL PROJECTS AND WATER UTILITY ENGINEERING STATUS REPORT

May 14, 2019

PREPARED BY:

**REMINGTON & VERNICK ENGINEERS
232 KINGS HIGHWAY EAST
HADDONFIELD, NEW JERSEY 08033
(856) 795-9595
www.rve.com**



ACTION ITEMS

1. NJDOT Local Aid Freight Grant applications have recently been requested by the NJDOT. Council authorized us to prepare an application for Industrial Drive and State Route 122 Intersection Improvements. The application was completed and submitted electronically on January 10, 2019.
2. 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 LAIF Grant Program, Fifth Avenue from Central to Vulcanite was selected by Council and the application was submitted on September 28, 2018. A confirming resolution was passed by Council at the October 10, 2018 and it has been submitted to the NJDOT. The Borough received \$180,000 in grant money for North Boulevard under the LAIF Grant Program. The Borough has received \$153,000 in FY 2019 NJDOT Transportation Trust Fund Municipal Aid Grant Dollars for the Reconstruction of 5th Avenue from East Central to East Vulcanite Avenue.
3. The Leigh Fuel property preliminary assessment (PA) was authorized by Council at the November 28, 2018 meeting and the grant documents have been executed. A site visit was conducted and we performed a desk top survey of the property. The PA is complete and has been submitted to the NJDEP.
4. The census map has been completed and submitted to the Borough for comment.
5. The Drug Free School Zone map has been completed and submitted to the Borough for review and comment. Borough comments have been received and are being addressed.

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. INDUSTRIAL DRIVE/EDGE ROAD CONNECTOR ROAD

ESTIMATED COMPLETION OF DESIGN: December 2018

ESTIMATED COMPLETION OF CONSTRUCTION: August 2019

CONSTRUCTION COST: \$505,194.46

CONTRACTOR: Top Line Construction

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. ROW Map and metes and bounds description was completed and sent to the Borough Attorney for deed dedication preparation. We met with Hunterdon Transformer to review the plans and discuss various issues effecting their property. ROW is being secured through deeds of dedication by the Borough Attorney. Council authorized RVE to advertise the project for Public Construction Bids at the February 19, 2019 Council Meeting. Warren County SCD application was submitted for approval to the Soil Conservation district. Council awarded a construction contract to Top Line Construction at their April 23, 2019 meeting in the amount of \$505,194.46. A pre-construction meeting is scheduled for May 16, 2019.

3. 2019 ROAD PROGRAM (NORTH BOULEVARD PHASE III AND SOUTH BOULEVARD)

ESTIMATED COMPLETION OF DESIGN: May 2019

ESTIMATED COMPLETION OF CONSTRUCTION: To Be Determined

CONSTRUCTION COST: To Be Determined

CONTRACTOR: To Be Determined

Borough Council authorized the engineering services at their February 19, 2019 Council Meeting. Final documents are complete and they have been submitted to the NJDOT for review and comment prior to being advertised for construction bids.

4. MUNICIPAL POOL DEMOLITION

ESTIMATED COMPLETION OF DESIGN: April 2018

ESTIMATED COMPLETION OF CONSTRUCTION: To Be Determined

CONSTRUCTION COST: To Be Determined

CONTRACTOR: To Be Determined

Borough Council authorized the engineering services at their February 19, 2019 Council Meeting. Construction documents are complete and the project was advertised for construction bids. Bids were received and there was a three way tie for the low bid of \$55,000.

WATER PROJECTS

1. **FRACE WTP – EFFLUENT METER**
ESTIMATED COMPLETION OF DESIGN: October 2018
ESTIMATED COMPLETION OF CONSTRUCTION: December 2018
ESTIMATED CONSTRUCTION COST: \$25,000
CONTRACTOR: TBD

The meter manhole has been installed and the installation of the meter is being coordinated.

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

The County has issued the permit. Penn Bower will be scheduling the remaining work in the County ROW once the Edge Road Connector Utility Improvements are complete.

3. **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 plant has been running, backwashing. A quote has been requested from ES2 to complete additional SCADA improvements.

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

We are meeting with the NJDEP on May 21st at 1:30 pm to review the next steps to investigate the landfill and construct the access road.

5. **ASSET MANAGEMENT PLAN (AMP)**
ESTIMATED COMPLETION OF DESIGN: Final Review – May 2019
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

The AMP is complete. The inventory and ranking for the infrastructure has been reviewed. A complete report will be provided on May 20th for final review by the Borough.

SANITARY PROJECTS

1. **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

Quotation packages are completed and are being reviewed by the QPA prior to issuing to bidders.

2. **SANITARY & WATER EMERGENCY CONTRACT – 1 YEAR**
ESTIMATED COMPLETION OF DESIGN: May 2019
ESTIMATED COMPLETION OF CONSTRUCTION: 365 Days – On Call
ESTIMATED CONSTRUCTION COST:
CONTRACTOR: TBD

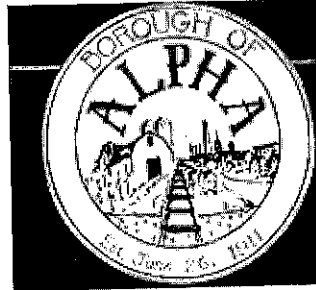
Contracts have been executed. A Pre-Construction Meeting is scheduled for May 20th.

3. **SANITARY SMOKE TESTING**
ESTIMATED COMPLETION OF DESIGN: NA
ESTIMATED COMPLETION OF CONSTRUCTION: TBD
ESTIMATED CONSTRUCTION COST: \$18,000
CONTRACTOR: TBD

We have revised the scope of the project and received quotes. The quotes exceed the budget and we recommend re-quoting the project.

4. **USDA APPLICATION**
ESTIMATED COMPLETION OF DESIGN: NA
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

We have received the requested information from the CFO and will be submitting the application by 5/17



BOROUGH OF ALPHA

GENERAL CAPITAL PROJECTS AND WATER UTILITY ENGINEERING STATUS REPORT

FEBRUARY 26, 2019

PREPARED BY:

**REMINGTON & VERNICK ENGINEERS
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(856) 795-9595
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ACTION ITEMS

1. NJDOT Local Aid Freight Grant applications have recently been requested by the NJDOT. Council authorized us to prepare an application for Industrial Drive and State Route 122 Intersection Improvements. The application was completed and submitted electronically on January 10, 2019.
2. 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 LAIF Grant Program, Fifth Avenue from Central to Vulcanite was selected by Council and the application was submitted on September 28, 2018. A confirming resolution was passed by Council at the October 10, 2018 and it has been submitted to the NJDOT. The Borough received \$180,000 in grant money for North Boulevard under the LAIF Grant Program. FY 2019 NJDOT Transportation Trust Fund Municipal Aid Application announcements are expected to be by April 2019.
3. The Leigh Fuel property preliminary assessment (PA) was authorized by Council at the November 28, 2018 meeting and the grant documents have been executed. A site visit was conducted and we performed a desk top survey of the property. The PA is being prepared and we anticipate completion in early March 2019.

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. INDUSTRIAL DRIVE/EDGE ROAD CONNECTOR ROAD

ESTIMATED COMPLETION OF DESIGN: December 2018

ESTIMATED COMPLETION OF CONSTRUCTION: August 2019

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. ROW Map and metes and bounds description was completed and sent to the Borough Attorney for deed dedication preparation. We met with Hunterdon Transformer to review the plans and discuss various issues effecting their property. Final construction plans and specifications are being finalized based on this meeting. ROW is being secured through deeds of dedication by the Borough Attorney. Warren County SCD application was signed by the Borough and the application fee was provided by the Borough for submission to the SCD in early March 2019. Council authorized RVE to advertise the project for Public Construction Bids at the February 19, 2019 Council Meeting. We anticipate advertisement in Mid March 2019 for an anticipated April 2019 construction contracts award by Borough Council.

3. 2019 ROAD PROGRAM (NORTH BOULEVARD PHASE III AND SOUTH BOULEVARD)

ESTIMATED COMPLETION OF DESIGN: May 2019

ESTIMATED COMPLETION OF CONSTRUCTION: To Be Determined

CONSTRUCTION COST: To Be Determined

CONTRACTOR: To Be Determined

Borough Council authorized the engineering services at their February 19, 2019 Council Meeting. Survey is being scheduled for mid to late March 2019.

4. MUNICIPAL POOL DEMOLITION

ESTIMATED COMPLETION OF DESIGN: April 2018

ESTIMATED COMPLETION OF CONSTRUCTION: To Be Determined

CONSTRUCTION COST: To Be Determined

CONTRACTOR: To Be Determined

Borough Council authorized the engineering services at their February 19, 2019 Council Meeting. Preparation of construction documents will begin in early March 2019.

WATER PROJECTS

1. **FRACE WTP – EFFLUENT METER**
ESTIMATED COMPLETION OF DESIGN: October 2018
ESTIMATED COMPLETION OF CONSTRUCTION: December 2018
ESTIMATED CONSTRUCTION COST: \$25,000
CONTRACTOR: TBD

Shop drawings were reviewed and provided to the contractor. There is a meeting onsite with the contractor on Friday 3/1 to review the project and timeline.

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

Pohatcong Engineer has reviewed the project with the Township. The restoration requirements for the project will be limited to the areas disturbed. However, the Township is requiring half road paving on Ringwood (previous water main project). We are reviewing with the Borough and Township to determine if the paving can be completed under the co-op with neighboring municipalities. We have also requested that the permit fees be paid with the remaining escrow.

3. **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 plant has been running, backwashing and completing startup without oversight.

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

We are currently working with the NJDEP to reduce sampling and testing at the landfill. We hope to have a determination by the DEP by mid-March.

5. **FRACE WTP – BACKWASH PIPING MODIFICATIONS**
ESTIMATED COMPLETION OF DESIGN: December 2018
ESTIMATED COMPLETION OF CONSTRUCTION: February 2018
ESTIMATED CONSTRUCTION COST: TBD based upon selected orientation
CONTRACTOR: TBD

We have reviewed the updated conceptual layouts with the Borough. The selected orientation will be to install the equipment in a vault in the parking lot. We are proceeding with the design for review of documents by the Borough by mid-March.

6. **GENERATOR AIR PERMITS**
ESTIMATED COMPLETION OF DESIGN: November 2018
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

Permits have been assembled and are awaiting submission by the Borough.

SANITARY PROJECTS

1. **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

The modifications to the vault have been completed. We are developing quotation packages for installation of the vault.

2. **SANITARY SYSTEM CONTROLS INSTALLATION**
ESTIMATED COMPLETION OF DESIGN: May 2018
ESTIMATED COMPLETION OF CONSTRUCTION: 75 Days upon issuing Notice to Proceed
ESTIMATED CONSTRUCTION COST: \$45,000
CONTRACTOR: TBD

The controls are complete. O&M Manuals are being prepared by the Contractor prior to final payment

3. **SANITARY & WATER EMERGENCY CONTRACT – 1 YEAR**
ESTIMATED COMPLETION OF DESIGN: January 2019
ESTIMATED COMPLETION OF CONSTRUCTION: 365 Days – On Call
ESTIMATED CONSTRUCTION COST:
CONTRACTOR: TBD

Bid tabulation has been prepared and is attached. We are currently preparing estimates for various emergency projects for presentation at the Council Meeting. The estimates are to establish the costs for a typical emergency response utilizing bid costs.

4. **BACKFLOW PREVENTER TESTING & PERMITTING**

ESTIMATED COMPLETION OF DESIGN: December 2018
ESTIMATED COMPLETION OF CONSTRUCTION: N/A
ESTIMATED CONSTRUCTION COST:
CONTRACTOR: N/A

The NJDEP has requested a layout of the piping and backflow preventer. We are preparing and will forward to the NJDEP in support of the application.

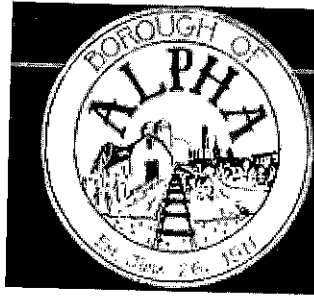
5. **SANITARY SMOKE TESTING**
ESTIMATED COMPLETION OF DESIGN: NA
ESTIMATED COMPLETION OF CONSTRUCTION: TBD
ESTIMATED CONSTRUCTION COST: \$18,000
CONTRACTOR: TBD

A proposal to obtain quotes and review the smoke testing results and provide recommendations has been provided to Council for consideration.

6. **USDA APPLICATIONS**
SANITARY SMOKE TESTING
ESTIMATED COMPLETION OF DESIGN: NA
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

We have identified a funding source for the following projects. Part of the funding may be in the form of a grant. We have been directed to prepare an application for all three projects so that a meeting with the USDA can be scheduled. Once the meeting is completed, the Borough will have direction regarding the funding and grant options. At that point, the Borough can determine if they want to proceed with all projects or none.

- Industrial Drive Landfill Investigation
- Industrial Drive Standpipe – Painting
- Pursel Street Standpipe - Replacement



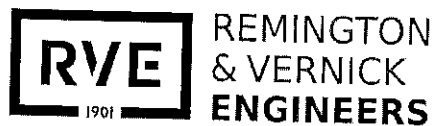
BOROUGH OF ALPHA

GENERAL CAPITAL PROJECTS AND WATER UTILITY ENGINEERING STATUS REPORT

July 23, 2019

PREPARED BY:

**REMINGTON & VERNICK ENGINEERS
232 KINGS HIGHWAY EAST
HADDONFIELD, NEW JERSEY 08033
(856) 795-9595
www.rve.com**



ACTION ITEMS

1. NJDOT Local Aid Freight Grant applications have recently been requested by the NJDOT. Council authorized us to prepare an application for Industrial Drive and State Route 122 Intersection Improvements. The application was completed and submitted electronically on January 10, 2019. The NJDOT awarded the borough a Grant in the amount of \$305,000.
2. NJDOT FY 2020 NJDOT Transportation Trust Fund Municipal Aid Applications are now being accepted until July 19, 2019. Council determined the following applications will be submitted. We completed the application and submitted them through SAGE prior on July 19, 2019.
 - Pursel Street – Schley Avenue to Park Avenue
 - 5th Avenue Phase III – Somerset Street to Williams Street
3. The Leigh Fuel property preliminary assessment (PA) was authorized by Council at the November 28, 2018 meeting and the grant documents have been executed. A site visit was conducted and we performed a desk top survey of the property. The PA is complete and has been submitted to the NJDEP.
4. The census map has been completed and submitted to the Borough. The borough had a comment which we are reviewing.
5. The Drug Free School Zone map has been completed and submitted to the Borough for review and comment.

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. INDUSTRIAL DRIVE/EDGE ROAD CONNECTOR ROAD

ESTIMATED COMPLETION OF DESIGN: December 2018
ESTIMATED COMPLETION OF CONSTRUCTION: October 2019
CONSTRUCTION COST: \$505,194.46
CONTRACTOR: Top Line Construction

We were authorized for the engineering services by Council at the November 13, 2017 Council Meeting.. 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. ROW Map and metes and bounds description was completed and sent to the Borough Attorney for deed dedication preparation. We met with Hunterdon Transformer to review the plans and discuss various issues effecting their property ROW is being secured through deeds of dedication by the Borough Attorney. Council authorized RVE to advertise the project for Public Construction Bids at the February 19, 2019 Council Meeting. Warren County SCD application was submitted for approval to the Soil Conservation district. Council awarded a construction contract to Top Line Construction at their April 23, 2019 meeting in the amount of \$505,194.46. A pre-construction meeting was held on May 16, 2019 and the notice to proceed was given on May 20, 2019. Curb and storm sewer pipe is completed. Roadway is asphalt based paved. Remaining work will be completed upon substantial construction of adjacent warehouse development.

3. 2019 ROAD PROGRAM (NORTH BOULEVARD PHASE III AND SOUTH BOULEVARD)

ESTIMATED COMPLETION OF DESIGN: May 2019
ESTIMATED COMPLETION OF CONSTRUCTION: To Be Determined
CONSTRUCTION COST: To Be Determined
CONTRACTOR: To Be Determined

Borough Council authorized the engineering services at their February 19, 2019 Council Meeting. Final documents are complete and they have been submitted to the NJDOT for review and comment prior to being advertised for construction bids. The NJDOT has finalized the grant agreement and placed into their system. Documents submitted to the NJDOT are being reviewed the week of July 22, 2019 and we anticipate approval to advertise by the end of the July 26, 2019 week.

4. MUNICIPAL POOL DEMOLITION

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

Borough Council authorized the engineering services at their February 19, 2019 Council Meeting. Construction documents are complete and the project was advertised for construction bids. Bids

were received and there was a three-way tie for the low bid of \$55,000. Project was re-advertised with changes to the scope of work as directed and one acceptable bid was received at \$128,000. Council rejected the bids and a meeting was held with prior bidders to discuss submission of a best and final price. The prices were be submitted to Sean Canning on Monday July 8, 2019 at 10 AM and CMS Services, LLC were the low bid submitted at \$78,599.00.

5. 2020 ROAD PROGRAM (5TH AVENUE PHASE II AND EAST CENTRAL AVENUE)

ESTIMATED COMPLETION OF DESIGN: September 2019
ESTIMATED COMPLETION OF CONSTRUCTION: To Be Determined
CONSTRUCTION COST: To Be Determined
CONTRACTOR: To Be Determined

Borough Council authorized the engineering services at their May 14, 2019 Council Meeting. Asphalt cores were taken along East Central Avenue. Survey has been completed and existing condition base plans are being prepared

WATER PROJECTS

1. **FRACE WTP – EFFLUENT METER**
ESTIMATED COMPLETION OF DESIGN: October 2018
ESTIMATED COMPLETION OF CONSTRUCTION: December 2018
ESTIMATED CONSTRUCTION COST: \$25,000
CONTRACTOR: TBD

The meter has been installed and was calibrated and is consistent with the in plant meter.

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

The County has issued the permit. The work had to be postponed due to the County schedule.

3. **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 plant is running however, the system is experiencing periods of low pH. Controls are being modified to address the issue.

4. **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 permit has been submitted to the NJDEP. We are currently waiting on comments.

5. **FRACE WTP – INLET CONSTRUCTION**
ESTIMATED COMPLETION OF DESIGN: Complete
ESTIMATED COMPLETION OF CONSTRUCTION: TBD
ESTIMATED CONSTRUCTION COST:
CONTRACTOR: K&A Paving

The second inlet remains to be completed. Additional discussion with Council regarding continuation of the project is warranted.

6. **ASSET MANAGEMENT PLAN (AMP)**
ESTIMATED COMPLETION OF DESIGN: Final Review – May 2019
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

The AMP is complete. The inventory and ranking for the infrastructure has been reviewed. The AMP is being coordinated with the GIS portion for final review by the Borough.

SANITARY PROJECTS

1. **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

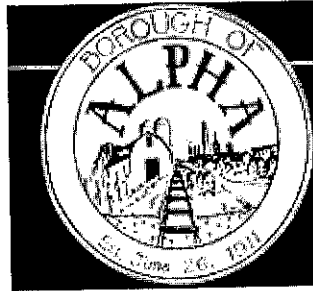
Design drawings and specifications will be required to publicly bid the project. A proposal is being prepared for the completion of this work. In addition, we are examining the viability of leaving the existing vault in place instead of removal.

2. **SANITARY SMOKE TESTING**
ESTIMATED COMPLETION OF DESIGN: NA
ESTIMATED COMPLETION OF CONSTRUCTION: TBD
ESTIMATED CONSTRUCTION COST: \$18,000
CONTRACTOR: TBD

The Preconstruction Meeting for the Smoke Testing is scheduled for Tuesday July 30th at 10:00 am.

3. **USDA APPLICATION**
ESTIMATED COMPLETION OF DESIGN: NA
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

We have received the requested information from the CFO and have submitted the application.



BOROUGH OF ALPHA

GENERAL CAPITAL PROJECTS AND WATER UTILITY ENGINEERING STATUS REPORT

March 12, 2019

PREPARED BY:

**REMINGTON & VERNICK ENGINEERS
232 KINGS HIGHWAY EAST
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(856) 795-9595
www.rve.com**



ACTION ITEMS

1. NJDOT Local Aid Freight Grant applications have recently been requested by the NJDOT. Council authorized us to prepare an application for Industrial Drive and State Route 122 Intersection Improvements. The application was completed and submitted electronically on January 10, 2019.
2. 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 LAIF Grant Program, Fifth Avenue from Central to Vulcanite was selected by Council and the application was submitted on September 28, 2018. A confirming resolution was passed by Council at the October 10, 2018 and it has been submitted to the NJDOT. The Borough received \$180,000 in grant money for North Boulevard under the LAIF Grant Program. FY 2019 NJDOT Transportation Trust Fund Municipal Aid Application announcements are expected to be by April 2019.
3. The Leigh Fuel property preliminary assessment (PA) was authorized by Council at the November 28, 2018 meeting and the grant documents have been executed. A site visit was conducted and we performed a desk top survey of the property. The PA is complete and being reviewed internally prior to distribution.
4. The census map is nearing completion and we expect to submit to the Borough for review and comment by March 15, 2019.
5. The Drug Free School Zone map has started and is expected to be completed by the end of March 2019.

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. INDUSTRIAL DRIVE/EDGE ROAD CONNECTOR ROAD

ESTIMATED COMPLETION OF DESIGN: December 2018
ESTIMATED COMPLETION OF CONSTRUCTION: August 2019
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. ROW Map and metes and bounds description was completed and sent to the Borough Attorney for deed dedication preparation. We met with Hunterdon Transformer to review the plans and discuss various issues effecting their property. ROW is being secured through deeds of dedication by the Borough Attorney. Council authorized RVE to advertise the project for Public Construction Bids at the February 19, 2019 Council Meeting. Warren County SCD application was submitted for approval to the Soil Conservation district. Construction documents are complete and the project will be advertised for bids on March 15, 2019 with bids being received on April 2, 2019 for a possible award at the April 9, 2019 Council Meeting.

3. 2019 ROAD PROGRAM (NORTH BOULEVARD PHASE III AND SOUTH BOULEVARD)

ESTIMATED COMPLETION OF DESIGN: May 2019
ESTIMATED COMPLETION OF CONSTRUCTION: To Be Determined
CONSTRUCTION COST: To Be Determined
CONTRACTOR: To Be Determined

Borough Council authorized the engineering services at their February 19, 2019 Council Meeting. Survey is scheduled to begin on March 13, 2019.

4. MUNICIPAL POOL DEMOLITION

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

Borough Council authorized the engineering services at their February 19, 2019 Council Meeting. Preparation of construction documents has begun and is anticipated to be completed near the end of March 2019 for an April 2019 advertisement and construction contract anticipated award.

WATER PROJECTS

1. **FRACE WTP – EFFLUENT METER**
ESTIMATED COMPLETION OF DESIGN: October 2018
ESTIMATED COMPLETION OF CONSTRUCTION: December 2018
ESTIMATED CONSTRUCTION COST: \$25,000
CONTRACTOR: TBD

We met with the contractor to review the manhole shop drawing on 3/8. The modifications to the submitted manhole were discussed along with construction of the manhole to be flush with the parking lot. The manhole and meter are being ordered. It is anticipated that all materials and equipment will be available to be installed in 4 weeks.

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

We have reviewed the restoration requirements required by Pohatcong with the Borough including permit fees. Checks for the required permit and escrow fees will be provided to Pohatcong upon issuing by the Borough.

3. **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 plant has been running, backwashing and completing startup without oversight.

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

We are currently working with the NJDEP to reduce sampling and testing at the landfill. The Disruption Permit Application is being completed and will be provided to the Borough for review on 3/15.

5. **FRACE WTP – BACKWASH PIPING MODIFICATIONS**
ESTIMATED COMPLETION OF DESIGN: April 2019
ESTIMATED COMPLETION OF CONSTRUCTION: July 2019

ESTIMATED CONSTRUCTION COST: TBD based upon selected orientation
CONTRACTOR: TBD

We have reviewed the updated conceptual layouts with the Borough. The selected orientation will be to install the equipment in a vault in the parking lot. We are proceeding with the design for review of documents by the Borough by mid-March.

6. **GENERATOR AIR PERMITS**
ESTIMATED COMPLETION OF DESIGN: November 2018
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

Permits have been assembled and are awaiting submission by the Borough.

SANITARY PROJECTS

1. **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

The modifications to the vault have been completed. We are developing quotation packages for installation of the vault. The project will include bypass pumping and removal of the existing vault.

2. **SANITARY SYSTEM CONTROLS INSTALLATION**
ESTIMATED COMPLETION OF DESIGN: May 2018
ESTIMATED COMPLETION OF CONSTRUCTION: 75 Days upon issuing Notice to Proceed
ESTIMATED CONSTRUCTION COST: \$45,000
CONTRACTOR: TBD

The controls are complete. O&M Manuals are being prepared by the Contractor prior to final payment

3. **SANITARY & WATER EMERGENCY CONTRACT – 1 YEAR**
ESTIMATED COMPLETION OF DESIGN: January 2019
ESTIMATED COMPLETION OF CONSTRUCTION: 365 Days – On Call
ESTIMATED CONSTRUCTION COST:
CONTRACTOR: TBD

The project is re-advertised with a reduced scope. Bids will be received on March 21st at 1:30 pm.

4. **BACKFLOW PREVENTER TESTING & PERMITTING**
ESTIMATED COMPLETION OF DESIGN: December 2018
ESTIMATED COMPLETION OF CONSTRUCTION: N/A
ESTIMATED CONSTRUCTION COST:
CONTRACTOR: N/A

The NJDEP has requested a layout of the piping and backflow preventer. We are preparing and will forward to the NJDEP in support of the application.

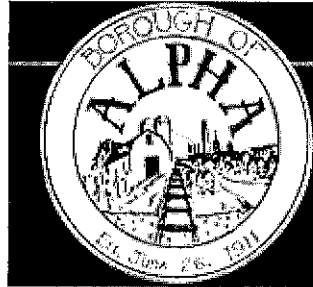
5. **SANITARY SMOKE TESTING**
ESTIMATED COMPLETION OF DESIGN: NA
ESTIMATED COMPLETION OF CONSTRUCTION: TBD
ESTIMATED CONSTRUCTION COST: \$18,000
CONTRACTOR: TBD

A proposal to obtain quotes and review the smoke testing results and provide recommendations has been provided to Council for consideration.

6. **USDA APPLICATION**
ESTIMATED COMPLETION OF DESIGN: NA
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

We have identified a funding source for the following projects. Part of the funding may be in the form of a grant. We have been directed to prepare an application for all three projects so that a meeting with the USDA can be scheduled. Once the meeting is completed, the Borough will have direction regarding the funding and grant options. At that point, the Borough can determine if they want to proceed with all projects or none.

- Industrial Drive Landfill Investigation
- Industrial Drive Standpipe – Painting
- Pursel Street Standpipe - Replacement



BOROUGH OF ALPHA

GENERAL CAPITAL PROJECTS AND WATER UTILITY ENGINEERING STATUS REPORT

January 8, 2019

PREPARED BY:

**REMINGTON & VERNICK ENGINEERS
232 KINGS HIGHWAY EAST
HADDONFIELD, NEW JERSEY 08033
(856) 795-9595
www.rve.com**



ACTION ITEMS

1. NJDOT Local Aid Freight Grant applications have recently been requested by the NJDOT. Council authorized us to prepare an application for Industrial Drive and State Route 122 Intersection Improvements. The application is being prepared for submission prior to the January 11, 2019 deadline.
2. 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 LAIF Grant Program, Fifth Avenue from Central to Vulcanite was selected by Council and the application was submitted on September 28, 2018. A confirming resolution was passed by Council at the October 10, 2018 and it has been submitted to the NJDOT. The Borough received \$180,000 in grant money for North Boulevard under the LAIF Grant Program.
3. The Leigh Fuel property preliminary assessment (PA) was authorized by Council at the November 28, 2018 meeting and the grant documents have been executed. We are attempting to access the property and begin the assessment.

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. INDUSTRIAL DRIVE/EDGE ROAD CONNECTOR ROAD

ESTIMATED COMPLETION OF DESIGN: December 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. ROW Map and metes and bounds description was completed and sent to the Borough Attorney for deed dedication preparation. Final construction plans and specifications are complete and being reviewed internally prior to finalization. Once the ROW is secured the project can be advertised for construction bids.

WATER PROJECTS

1. **FRACE WTP – EFFLUENT METER**
ESTIMATED COMPLETION OF DESIGN: October 2018
ESTIMATED COMPLETION OF CONSTRUCTION: December 2018
ESTIMATED CONSTRUCTION COST: \$25,000
CONTRACTOR: TBD

One quote was received from Sartini Plumbing in the amount \$29,600. The quote was in accordance with the scope of work and we recommend consideration by Council.

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

A meeting was held with Penn Bower on 1/4/19 to coordinate remaining customer side services, Springtown Road services/laterals and work on High Street. A meeting with the County will be coordinated in the next 2 weeks to review completion of the work in the County ROW and outside Pohatcong's ROW.

3. **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 project is complete and operational. Final project closeout will be completed upon issuing of the O&M manuals by the contractor.

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

Additional information is being provided to the DEP with regards to sampling on the northern section of the landfill.

5. **NJPDES PERMIT RENEWAL – FRACE WTP**
ESTIMATED COMPLETION OF DESIGN: December 2018
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

A draft renewal has been completed and will be provided for review on 1/11/19.

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

The catchbasin in the parking lot is complete. The catchbasin along Frace Street will be installed when the asphalt plants re-open.

7. **FRACE WTP – BACKWASH PIPING MODIFICATIONS**
ESTIMATED COMPLETION OF DESIGN: December 2018
ESTIMATED COMPLETION OF CONSTRUCTION: February 2018
ESTIMATED CONSTRUCTION COST: TBD based upon selected orientation
CONTRACTOR: TBD

The recommended conceptual design will be reviewed on 1/11/19.

8. **GENERATOR AIR PERMITS**
ESTIMATED COMPLETION OF DESIGN: November 2018
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

Permits have been assembled and are awaiting submission by the Borough.

SANITARY PROJECTS

1. **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

The vault is being returned to the manufacturer, Plastifab. We have provided the manufacturer with the required modifications.

2. **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 controls will be completed this week.

3. **SANITARY & WATER EMERGENCY CONTRACT – 1 YEAR**
ESTIMATED COMPLETION OF DESIGN: January 2019
ESTIMATED COMPLETION OF CONSTRUCTION: 365 Days – On Call
ESTIMATED CONSTRUCTION COST:
CONTRACTOR: TBD

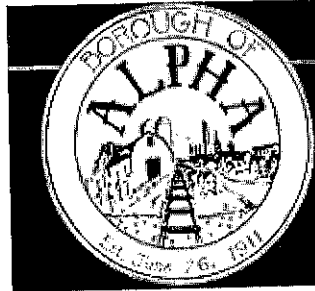
Bid documents have been prepared for bid and award in early 2019.

4. **BACKFLOW PREVENTER TESTING & PERMITTING**
ESTIMATED COMPLETION OF DESIGN: December 2018
ESTIMATED COMPLETION OF CONSTRUCTION: N/A
ESTIMATED CONSTRUCTION COST:
CONTRACTOR: N/A

Testing is complete and the permit applications have been prepared for submission to the NJDEP.

5. **SANITARY SMOKE TESTING**
ESTIMATED COMPLETION OF DESIGN: NA
ESTIMATED COMPLETION OF CONSTRUCTION: TBD
ESTIMATED CONSTRUCTION COST: TBD
CONTRACTOR: TBD

We have reviewed the system mapping to identify areas of possible flow metering prior to smoke testing. The areas for potential flow testing will be reviewed on 1/11.



BOROUGH OF ALPHA

GENERAL CAPITAL PROJECTS AND WATER UTILITY ENGINEERING STATUS REPORT

June 11, 2019

PREPARED BY:

**REMINGTON & VERNICK ENGINEERS
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(856) 795-9595
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ACTION ITEMS

1. NJDOT Local Aid Freight Grant applications have recently been requested by the NJDOT. Council authorized us to prepare an application for Industrial Drive and State Route 122 Intersection Improvements. The application was completed and submitted electronically on January 10, 2019.
2. NJDOT FY 2020 NJDOT Transportation Trust Fund Municipal Aid Applications are now being accepted until July 11, 2019. We submitted a proposal to Council for preparation of the application with the suggestions for two roadways as follows:
 - Pursel Street – Schley Avenue to Park Avenue
 - 5th Avenue Phase III – Somerset Street to Alpha Street
3. The Leigh Fuel property preliminary assessment (PA) was authorized by Council at the November 28, 2018 meeting and the grant documents have been executed. A site visit was conducted and we performed a desk top survey of the property. The PA is complete and has been submitted to the NJDEP.
4. The census map has been completed and submitted to the Borough for comment.
5. The Drug Free School Zone map has been completed and submitted to the Borough for review and comment. Borough comments have been received and are being addressed.

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. INDUSTRIAL DRIVE/EDGE ROAD CONNECTOR ROAD

ESTIMATED COMPLETION OF DESIGN: December 2018

ESTIMATED COMPLETION OF CONSTRUCTION: August 2019

CONSTRUCTION COST: \$505,194.46

CONTRACTOR: Top Line Construction

We were authorized for the engineering services by Council at the November 13, 2017 Council Meeting. 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. ROW Map and metes and bounds description was completed and sent to the Borough Attorney for deed dedication preparation. We met with Hunterdon Transformer to review the plans and discuss various issues effecting their property ROW is being secured through deeds of dedication by the Borough Attorney. Council authorized RVE to advertise the project for Public Construction Bids at the February 19, 2019 Council Meeting. Warren County SCD application was submitted for approval to the Soil Conservation district. Council awarded a construction contract to Top Line Construction at their April 23, 2019 meeting in the amount of \$505,194.46. A pre-construction meeting was held on May 16, 2019 and the notice to proceed was given on May 20, 2019. Curb and storm sewer pipe is completed. Roadway is rough graded and asphalt base paving should occur the week of June 10, 2019.

3. 2019 ROAD PROGRAM (NORTH BOULEVARD PHASE III AND SOUTH BOULEVARD)

ESTIMATED COMPLETION OF DESIGN: May 2019

ESTIMATED COMPLETION OF CONSTRUCTION: To Be Determined

CONSTRUCTION COST: To Be Determined

CONTRACTOR: To Be Determined

Borough Council authorized the engineering services at their February 19, 2019 Council Meeting. Final documents are complete and they have been submitted to the NJDOT for review and comment prior to being advertised for construction bids.

4. MUNICIPAL POOL DEMOLITION

ESTIMATED COMPLETION OF DESIGN: April 2018

ESTIMATED COMPLETION OF CONSTRUCTION: To Be Determined

CONSTRUCTION COST: To Be Determined

CONTRACTOR: To Be Determined

Borough Council authorized the engineering services at their February 19, 2019 Council Meeting. Construction documents are complete and the project was advertised for construction bids. Bids were received and there was a three way tie for the low bid of \$55,000. Project was re-advertised with changes to the scope of work as directed and one acceptable bid was received at \$128,000. Council to consider advertising a third time due to the high costs.

5. 2020 ROAD PROGRAM (5TH AVENUE PHASE II AND EAST CENTRAL AVENUE)

ESTIMATED COMPLETION OF DESIGN: September 2019
ESTIMATED COMPLETION OF CONSTRUCTION: To Be Determined
CONSTRUCTION COST: To Be Determined
CONTRACTOR: To Be Determined

Borough Council authorized the engineering services at their May 14, 2019 Council Meeting. Asphalt cores were taken along East Central Avenue and survey has been scheduled for the week of June 27, 2019.

WATER PROJECTS

1. **FRACE WTP – EFFLUENT METER**
ESTIMATED COMPLETION OF DESIGN: October 2018
ESTIMATED COMPLETION OF CONSTRUCTION: December 2018
ESTIMATED CONSTRUCTION COST: \$25,000
CONTRACTOR: TBD

The meter manhole has been installed and the installation of the meter is being coordinated. The meter was scheduled to be delivered this week but has been postponed by the manufacturer. The meter is anticipated to be delivered on June 20th.

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

The County has issued the permit. Penn Bower tentatively had the night work scheduled for Friday June 7th. The work had to be postponed due to the County schedule.

3. **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 plant has been running, backwashing. A quote has been requested from ES2 to complete additional SCADA improvements. We have asked ES2 to provide asap.

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

We met with the NJDEP on May 21st at 1:30 pm to review the next steps to investigate the landfill and construct the access road. We are preparing estimates to complete the next phase of work

6. **ASSET MANAGEMENT PLAN (AMP)**
ESTIMATED COMPLETION OF DESIGN: Final Review – May 2019
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

The AMP is complete. The inventory and ranking for the infrastructure has been reviewed. A complete report will be provided on June 14th for final review by the Borough.

SANITARY PROJECTS

1. **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

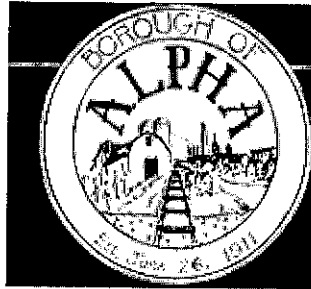
The QPA has reviewed the quote package and the package was issued to 3 contractors. One quote was received from NSU in the amount \$79,847; greater than the bid threshold. We will be discussing the need to prepare bid documents to publicly bid the project on Friday 6/14 when we have our Utility Meeting.

2. **SANITARY SMOKE TESTING**
ESTIMATED COMPLETION OF DESIGN: NA
ESTIMATED COMPLETION OF CONSTRUCTION: TBD
ESTIMATED CONSTRUCTION COST: \$18,000
CONTRACTOR: TBD

We have revised the scope of the project, reviewed with the QPA and re-quoted the project. Quotes are due at the end of this week.

3. **USDA APPLICATION**
ESTIMATED COMPLETION OF DESIGN: NA
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

We have received the requested information from the CFO and have submitted the application.



BOROUGH OF ALPHA

GENERAL CAPITAL PROJECTS AND WATER UTILITY ENGINEERING STATUS REPORT

April 9, 2019

PREPARED BY:

**REMINGTON & VERNICK ENGINEERS
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**REMINGTON
& VERNICK
ENGINEERS**

ACTION ITEMS

1. NJDOT Local Aid Freight Grant applications have recently been requested by the NJDOT. Council authorized us to prepare an application for Industrial Drive and State Route 122 Intersection Improvements. The application was completed and submitted electronically on January 10, 2019.
2. 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 LAIF Grant Program, Fifth Avenue from Central to Vulcanite was selected by Council and the application was submitted on September 28, 2018. A confirming resolution was passed by Council at the October 10, 2018 and it has been submitted to the NJDOT. The Borough received \$180,000 in grant money for North Boulevard under the LAIF Grant Program. The Borough has received \$153,000 in FY 2019 NJDOT Transportation Trust Fund Municipal Aid Grant Dollars for the Reconstruction of 5th Avenue from East Central to East Vulcanite Avenue.
3. The Leigh Fuel property preliminary assessment (PA) was authorized by Council at the November 28, 2018 meeting and the grant documents have been executed. A site visit was conducted and we performed a desk top survey of the property. The PA is complete and has been submitted to the NJDEP.
4. The census map will be completed by April 5, 2019 and submitted to the Borough for comment.
5. The Drug Free School Zone map has been completed and submitted to the Borough for review and comment.

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. INDUSTRIAL DRIVE/EDGE ROAD CONNECTOR ROAD

ESTIMATED COMPLETION OF DESIGN: December 2018

ESTIMATED COMPLETION OF CONSTRUCTION: August 2019

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. ROW Map and metes and bounds description was completed and sent to the Borough Attorney for deed dedication preparation. We met with Hunterdon Transformer to review the plans and discuss various issues effecting their property ROW is being secured through deeds of dedication by the Borough Attorney. Council authorized RVE to advertise the project for Public Construction Bids at the February 19, 2019 Council Meeting. Warren County SCD application was submitted for approval to the Soil Conservation district. Construction documents are complete and the project will be advertised was advertised for bids on March 15, 2019. Bids were received and Top Line Construction was the low bid at \$505,194.46. Council is expected to award the construction contract at their April 9, 2019 meeting.

3. 2019 ROAD PROGRAM (NORTH BOULEVARD PHASE III AND SOUTH BOULEVARD)

ESTIMATED COMPLETION OF DESIGN: May 2019

ESTIMATED COMPLETION OF CONSTRUCTION: To Be Determined

CONSTRUCTION COST: To Be Determined

CONTRACTOR: To Be Determined

Borough Council authorized the engineering services at their February 19, 2019 Council Meeting. Survey and base plans are complete and preliminary design and construction document preparations is in progress.

4. MUNICIPAL POOL DEMOLITION

ESTIMATED COMPLETION OF DESIGN: April 2018

ESTIMATED COMPLETION OF CONSTRUCTION: To Be Determined

CONSTRUCTION COST: To Be Determined

CONTRACTOR: To Be Determined

Borough Council authorized the engineering services at their February 19, 2019 Council Meeting. Construction documents are complete and the project is advertised for construction bids. Bids will be received for an anticipated construction contract award at the April 23, 2019 Council meeting.

WATER PROJECTS

1. **FRACE WTP – EFFLUENT METER**
ESTIMATED COMPLETION OF DESIGN: October 2018
ESTIMATED COMPLETION OF CONSTRUCTION: December 2018
ESTIMATED CONSTRUCTION COST: \$25,000
CONTRACTOR: TBD

Shop drawings were reviewed and approved. Materials have been ordered and will be available for installation mid-May.

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

We have reviewed the restoration requirements required by Pohatcong with the Borough including permit fees. Checks for the required permit and escrow fees will be provided to Pohatcong directly by the Borough.

3. **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 plant has been running, backwashing and completing startup without oversight.

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

We have submitted the proposed sampling approach to the NJDEP and are waiting on comments prior to final submission of the disruption permit.

5. **FRACE WTP – BACKWASH PIPING MODIFICATIONS**
ESTIMATED COMPLETION OF DESIGN: December 2018
ESTIMATED COMPLETION OF CONSTRUCTION: February 2018
ESTIMATED CONSTRUCTION COST: TBD based upon selected orientation
CONTRACTOR: TBD

We have reviewed the updated conceptual layouts with the Borough. The selected orientation will be to install the equipment in a vault in the parking lot. We are proceeding with the design for review of documents with the Borough on April 11th.

6. **GENERATOR AIR PERMITS**
ESTIMATED COMPLETION OF DESIGN: November 2018
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

Permits have been assembled and are awaiting submission by the Borough. We will work with the Borough to initiate the submission on line on April 11th.

SANITARY PROJECTS

1. **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

The modifications to the vault have been completed. We have developed a quotation package for solicitation of quotes which will be submitted to the QPA for review prior to posting.

2. **SANITARY SYSTEM CONTROLS INSTALLATION**
ESTIMATED COMPLETION OF DESIGN: May 2018
ESTIMATED COMPLETION OF CONSTRUCTION: 75 Days upon issuing Notice to Proceed
ESTIMATED CONSTRUCTION COST: \$45,000
CONTRACTOR: TBD

The controls are complete. O&M Manuals are being prepared by the Contractor prior to final payment

3. **SANITARY & WATER EMERGENCY CONTRACT – 1 YEAR**
ESTIMATED COMPLETION OF DESIGN: January 2019
ESTIMATED COMPLETION OF CONSTRUCTION: 365 Days – On Call
ESTIMATED CONSTRUCTION COST:
CONTRACTOR: TBD

The project has been presented to the Borough for consideration of award.

4. **BACKFLOW PREVENTER TESTING & PERMITTING**
ESTIMATED COMPLETION OF DESIGN: December 2018
ESTIMATED COMPLETION OF CONSTRUCTION: N/A
ESTIMATED CONSTRUCTION COST:
CONTRACTOR: N/A

The NJDEP has requested a layout of the piping and backflow preventer. We are preparing and will forward to the NJDEP in support of the application.

5. **SANITARY SMOKE TESTING**
ESTIMATED COMPLETION OF DESIGN: NA
ESTIMATED COMPLETION OF CONSTRUCTION: TBD
ESTIMATED CONSTRUCTION COST: \$18,000
CONTRACTOR: TBD

A quote package has been developed and reviewed by the OPA. We are making final modifications and will coordinate with the Clerk on April 11th for posting.

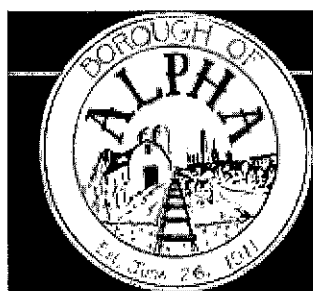
6. **USDA APPLICATION**
ESTIMATED COMPLETION OF DESIGN: NA
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

We have identified a funding source for the following projects. Part of the funding may be in the form of a grant. We have been directed to prepare an application for all three projects so that a meeting with the USDA can be scheduled. The CFO is currently preparing financial information which must be submitted with the application so the meeting can be scheduled. Once the meeting is completed, the Borough will have direction regarding the funding and grant options. At that point, the Borough can determine if they want to proceed with all projects or none.

- Industrial Drive Landfill Investigation
- Industrial Drive Standpipe – Painting
- Pursel Street Standpipe - Replacement

7. **ASSET MANAGEMENT PLAN (AMP) & GIS – WATER UTILITY**
ESTIMATED COMPLETION OF DESIGN: April 19th (AMP)
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

We are in the process of preparing the AMP and GIS for the water utility as a requirement of the Water Quality Accountability Act (WQAA). The draft AMP will be reviewed with the Borough on April 11th. The GIS does not have a regulatory timeframe for completion. However, the Water GIS has been initiated. Field work to pick up information on the water system (GPS locations of infrastructure) will be initiated once the office work has been completed.



BOROUGH OF ALPHA

**GENERAL CAPITAL PROJECTS AND WATER UTILITY
ENGINEERING STATUS REPORT**

October 7, 2019

PREPARED BY:

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& VERNICK
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ACTION ITEMS

1. The FY 2020 NJDOT Local Aid Freight Grant applications have recently been requested by the NJDOT. A potential candidate which was discussed in the past is a joint application with Pohatcong Township for Edge Road and New Brunswick Avenue (State Rt 122) intersection improvements. Applications are due on October 16, 2019.
2. FY 2019 NJDOT Local Aid Freight Grant applications have recently been requested by the NJDOT. Council authorized us to prepare an application for Industrial Drive and State Route 122 Intersection Improvements. The application was completed and submitted electronically on January 10, 2019. The NJDOT awarded the borough a Grant in the amount of \$305,000.
3. NJDOT FY 2020 NJDOT Transportation Trust Fund Municipal Aid Applications are now being accepted until July 19, 2019. Council determined the following applications will be submitted. We completed the application and submitted them through SAGE prior on July 19, 2019.
 - Pursel Street – Schley Avenue to Park Avenue
 - 5th Avenue Phase III – Somerset Street to Williams Street
4. The Leigh Fuel property preliminary assessment (PA) was authorized by Council at the November 28, 2018 meeting and the grant documents have been executed. A site visit was conducted and we performed a desk top survey of the property. The PA is complete and has been submitted to the NJDEP. A proposal has been provided to Council for their consideration of advancing the assessment through additional grant dollars. The proposal is for the grant application.
5. Micro-Surfacing of various roads was completed the week of September 23, 2019 under the State Contract. A payment recommendation to the State Contractor (Asphalt Paving Systems) in the amount of \$81,960.60 was provided to Council for their consideration.

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. A meeting was held with Ken Homa, property owner and they are willing to give an easement to the Borough for the replacement of the pipe at Homa Lane. We are preparing a proposal for engineering services and looking for grant opportunities to present to Council for consideration at their October 22, 2019 Council Meeting.

2. INDUSTRIAL DRIVE/EDGE ROAD CONNECTOR ROAD

ESTIMATED COMPLETION OF DESIGN: December 2018.

ESTIMATED COMPLETION OF CONSTRUCTION: October 2019

CONSTRUCTION COST: \$505,194.46

CONTRACTOR: Top Line Construction

We were authorized for the engineering services by Council at the November 13, 2017 Council Meeting. 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. ROW Map and metes and bounds description was completed and sent to the Borough Attorney for deed dedication preparation. We met with Hunterdon Transformer to review the plans and discuss various issues effecting their property. ROW is being secured through deeds of dedication by the Borough Attorney. Council authorized RVE to advertise the project for Public Construction Bids at the February 19, 2019 Council Meeting. Warren County SCD application was submitted for approval to the Soil Conservation district. Council awarded a construction contract to Top Line Construction at their April 23, 2019 meeting in the amount of \$505,194.46. A pre-construction meeting was held on May 16, 2019 and the notice to proceed was given on May 20, 2019. Curb and storm sewer pipe is completed. Roadway is asphalt based paved. Remaining work will be completed upon substantial construction of adjacent warehouse development. A temporary asphalt curb was installed to deter erosion prior to the development of the adjacent property.

3. 2019 ROAD PROGRAM (NORTH BOULEVARD PHASE III AND SOUTH BOULEVARD)

ESTIMATED COMPLETION OF DESIGN: May 2019

ESTIMATED COMPLETION OF CONSTRUCTION: November 2019

CONSTRUCTION COST: To Be Determined

CONTRACTOR: To Be Determined

Borough Council authorized the engineering services at their February 19, 2019 Council Meeting. Final documents are complete and they have been submitted to the NJDOT for review and comment prior to being advertised for construction bids. The NJDOT has finalized the grant agreement and placed into their system. Documents submitted to the NJDOT have been reviewed and approved. The Project has been advertised for construction bids and bids were received on August 13, 2019. The bids exceeded the engineers estimate and Borough's budget. We are requesting the low bidder to hold their bid until Council can appropriate the money and possibly award the construction contract in January 2020 a

4. MUNICIPAL POOL DEMOLITION

ESTIMATED COMPLETION OF DESIGN: March 2019
ESTIMATED COMPLETION OF CONSTRUCTION: To Be Determined
CONSTRUCTION COST: To Be Determined
CONTRACTOR: To Be Determined

Borough Council authorized the engineering services at their February 19, 2019 Council Meeting. Construction documents are complete and the project was advertised for construction bids. Bids were received and there was a three way tie for the low bid of \$55,000. Project was re-advertised with changes to the scope of work as directed and one acceptable bid was received at \$128,000. Council rejected the bids and a meeting was held with prior bidders to discuss submission of a best and final price. The prices were submitted to Sean Canning on Monday July 8, 2019 at 10 AM and CMS Services, LLC were the low bid submitted at \$78,599.00.

5. 2020 ROAD PROGRAM (5TH AVENUE PHASE II AND EAST CENTRAL AVENUE)

ESTIMATED COMPLETION OF DESIGN: October 2019
ESTIMATED COMPLETION OF CONSTRUCTION: May 2020
CONSTRUCTION COST: To Be Determined
CONTRACTOR: To Be Determined

Borough Council authorized the engineering services at their May 14, 2019 Council Meeting. Asphalt cores were taken along East Central Avenue. Survey has been completed. Existing condition base plans have been prepared. Final construction plans and specifications 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 County has issued the permit. The work had to be postponed due to the County schedule. A meeting is scheduled for October 16th to review the schedule with the contractor and the County.

- 2. 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 next phase of the work has been authorized and initiated. A status meeting will be scheduled for early November to review progress and initial results.

3. **ASSET MANAGEMENT PLAN (AMP)**
ESTIMATED COMPLETION OF DESIGN: Final Review – May 2019
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

The AMP is complete. A draft report will be provided this week for review with the Borough at the October 16th meeting.

4. **FRACE WTP O&M MANUAL**
ESTIMATED COMPLETION OF DESIGN: January 2020
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

The development of the Frace WTP O&M Manual has been authorized. We are currently preparing the outline and will be meeting with the Borough and Operator to develop sequencing scenarios.

5. **FRACE WTP SCADA BID**
ESTIMATED COMPLETION OF DESIGN: Annual Contract
ESTIMATED COMPLETION OF CONSTRUCTION: NA
ESTIMATED CONSTRUCTION COST: NA
CONTRACTOR: NA

SCADA bid documents have been provided to the OPA for review and advertisement. The award of the project will allow SCADA maintenance and improvement to be made at the Frace WTP for an annual period. This bid is similar to the SCADA contract for the Sanitary System.

SANITARY PROJECTS

1. **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

Bid Documents are being prepared for installation of the meter vault since the requested quotes were higher than the bid threshold.

2. **SANITARY SMOKE TESTING**
ESTIMATED COMPLETION OF DESIGN: NA
ESTIMATED COMPLETION OF CONSTRUCTION: TBD
ESTIMATED CONSTRUCTION COST: \$18,000
CONTRACTOR: TBD

The smoke testing is complete. The smoke testing results were received on October 4th. We will be reviewing the results and will present recommendations to the Borough at the October 16th Utility Meeting.

Deputy Clerk

From: Alpha Clerk
Sent: Thursday, March 11, 2021 1:55 PM
To: OPRA
Subject: FW: Engineering Consultation for 1805 Springtown Flooding

From: Jodie Smith <jsmith@alphaboronj.org>
Sent: Thursday, March 11, 2021 1:54 PM
To: Alpha Clerk <alphaclerk@alphaboronj.org>
Subject: Fwd: Engineering Consultation for 1805 Springtown Flooding

Here is more

Sent from my T-Mobile 4G LTE Device
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From: Frank Seney <Frank.Seney@rve.com>
Sent: Monday, November 18, 2019 9:41:57 AM
To: Jodie Smith <jsmith@alphaboronj.org>
Subject: RE: Engineering Consultation for 1805 Springtown Flooding

Jodie

1. We have begun the Preliminary Engineering as authorized recently by Council
2. We should have the preliminary work completed by the end of this year
3. Not sure there was a deadline given to us – hopefully by the end of the year will suffice

From: Jodie Smith <jsmith@alphaboronj.org>
Sent: Sunday, November 17, 2019 10:13 PM
To: Frank Seney <Frank.Seney@rve.com>
Subject: Fwd: Engineering Consultation for 1805 Springtown Flooding

Hi Frank, could you please answer these questions from Lisa Lacaruba? Please send answers to just me not to Lisa. I will answer her myself. Thank you. Jodie Smith

Sent from my T-Mobile 4G LTE Device
Get [Outlook for Android](#)

From: sasaroo@verizon.net <sasaroo@verizon.net>
Sent: Thursday, November 7, 2019 8:14:34 AM

To: Jodie Smith <jsmith@alphaboronj.org>
Cc: sasaroo@verizon.net <sasaroo@verizon.net>
Subject: Engineering Consultation for 1805 Springtown Flooding

Jodie,
Unfortunately, you didn't provide me with much but I appreciate your response. I hope you are getting healthier day by day.

1. When will the Engineers begin their consultation regarding the Homa Lane Drainage Improvement (culvert) plan?
2. How long do you expect it to take?
3. What is the deadline that Alpha gave the Engineer to complete his/her plans?

Lisa

Sent from AOL Mobile Mail
Get the new AOL app: mail.mobile.aol.com

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Deputy Clerk

From: Todd Pantuso
Sent: Tuesday, March 16, 2021 2:41 PM
To: Deputy Clerk
Subject: Fw: Homa Lane Culvert Replacement - Timeline

From: Frank Seney <Frank.Seney@rve.com>
Sent: Tuesday, September 22, 2020 8:09 AM
To: Todd Pantuso <TPantuso@alphaboronj.org>
Cc: Greg Sullivan <Gregory.Sullivan@rve.com>
Subject: Re: Homa Lane Culvert Replacement - Timeline

Good Morning Councilman Pantuso
We believe a meeting with the Homa's would be a good ideal. We can bring the plans to explain the construction and we can review with him the NJDEP process.

Let us know as we could social distance with masks in person.

Thanks
Sent from my iPhone

On Sep 22, 2020, at 5:09 AM, Todd Pantuso <TPantuso@alphaboronj.org> wrote:

Good morning Frank,

To the best of my knowledge Homa has not returned the LURP. Could you provide guidance on the next step(s) that should be taken to move this along?

Thanks,
Todd

Todd W. Pantuso
Councilman
Borough of Alpha
1001 East Blvd.
Alpha, NJ 08865
908-454-0088

From: Frank Seney <Frank.Seney@rve.com>
Sent: Wednesday, August 12, 2020 4:37 PM
To: Todd Pantuso <TPantuso@alphaboronj.org>

Cc: Greg Sullivan <Gregory.Sullivan@rve.com>
Subject: Homa Lane Culvert Replacement - Timeline

Hi Councilman Pantuso

Greg informed me you wanted to see a timeline regarding the Permit Application Phase for the Homa Lane Culvert Replacement. Please see below and if you have any questions just e-mail us. We are still waiting for the LURP form to be returned from the Homa's – Thanks

May 12, 2020 – Council Authorized RVE at their Council Meeting for the Permit Phase of the project (Resolution No. 2020-89)

May 18, 2020 – RVE began preparation of the NJDEP Flood Hazard and General Wetlands Permit Application including plans and reports

May 27, 2020 – RVE Requested Natural Heritage Data Request

June 18, 2020 – Hand Delivered the NJDEP LURP (Application) Form to the Mayor to obtain signature from the Homa Family

June 25, 2020 – Calculated property owners list within 200 feet (required for notice to the property owners of the application)

July 2, 2020 – Received Natural Heritage Data Base

July 8, 2020 – Requested certification of property owners list to Borough Tax Assessor

July 11, 2020 – Received certified property owners list from Borough Tax Assessor

July 24, 2020 – Completed Reports and Plan for NJDEP Applications

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Deputy Clerk

From: Todd Pantuso
Sent: Tuesday, March 16, 2021 2:42 PM
To: Deputy Clerk
Subject: Fw: Homa Lane Drainage Improvements

From: Frank Seney <Frank.Seney@rve.com>
Sent: Wednesday, April 22, 2020 7:08 AM
To: Todd Pantuso <TPantuso@alphaboronj.org>
Cc: Ed Hanics <ehanics@alphaboronj.org>; Sara Miller <Sara.Miller@rve.com>
Subject: Re: Homa Lane Drainage Improvements

Great !
You both should have received an email invitation from the NJDEP. Let us know if you did not revive it.

Thank You.

Sent from my iPhone

On Apr 21, 2020, at 9:31 AM, Todd Pantuso <TPantuso@alphaboronj.org> wrote:

Frank,
Councilman Hanics and I are available 4/29 fro the meeting. 1:00 would be better.
Thanks,
Todd

From: Frank Seney <Frank.Seney@rve.com>
Sent: Monday, April 20, 2020 6:31 PM
To: Ed Hanics <ehanics@alphaboronj.org>; Todd Pantuso <TPantuso@alphaboronj.org>
Cc: Sara Miller <Sara.Miller@rve.com>
Subject: Homa Lane Drainage Improvements

Councilman Hanics and Pantuso

Please see below regarding a pre-application virtual meeting from the NJDEP regarding Homa Lane Drainage Improvements. As Director and Deputy Director of Public Property we thought we would offer the invite to you both.

Please let us know if you have an interest in being part of the meeting and if so which dates work best so we can schedule it.

Thanks

Hi Sara,

The Department is in receipt of your pre-app request regarding the above-referenced project. We are currently offering virtual meetings via Teams (you don't need to have a teams account). Please let me know if any of the following times work for you:

- 4/22 at 1 or 2pm
- 4/28 at 1 or 2pm
- 4/29 at 1 or 2 pm

Best,

Audra Didzbalis

Environmental Engineer I

NJ Department of Environmental Protection
Division of Land Use Regulation

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Deputy Clerk

From: Christopher Troxell <ctrox@verizon.net>
Sent: Sunday, March 28, 2021 3:22 PM
To: Deputy Clerk
Subject: Re: Alpha - Engineering Transition Meeting Discussion

Ok to release

On Mar 26, 2021, at 1:46 PM, Deputy Clerk <deputyclerk@alphaboronj.org> wrote:

From: Frank Seney [<mailto:Frank.Seney@rve.com>]
Sent: Tuesday, March 09, 2021 7:34 AM
To: Timothy O'Brien <tobrien@vancleefengineering.com>; Gregory Sullivan <Gregory.Sullivan@rve.com>; Craig Dunwell <mayordunwell@alphaboronj.org>; Louis Cartabona <lcartabona@alphaboronj.org>; 'Robert Genetelli' <r_genetelli@hotmail.com>; 'Chris Jepson' <cjepson@vancleefengineering.com>
Cc: 'Stan Schrek' <sschrek@vancleefengineering.com>
Subject: RE: Alpha - Engineering Transition Meeting Discussion

Tim and Greg

Please see the attached comments based on separate conversations I had with Mayor Dunwell and Stan Schrek last week.

From: Timothy O'Brien <tobrien@vancleefengineering.com>
Sent: Monday, March 8, 2021 6:06 PM
To: Frank Seney <Frank.Seney@rve.com>; Gregory Sullivan <Gregory.Sullivan@rve.com>; mayordunwell@alphaboronj.org; lcartabona@alphaboronj.org; 'Robert Genetelli' <r_genetelli@hotmail.com>; 'Chris Jepson' <cjepson@vancleefengineering.com>
Cc: 'Stan Schrek' <sschrek@vancleefengineering.com>
Subject: RE: Alpha - Engineering Transition Meeting Discussion

See attached.

Timothy O'Brien, PE, CME
Project Manager

<image001.jpg>
www.vancleefengineering.com

755 Memorial Pkwy, Suite 110
Phillipsburg, NJ 08865
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tobrien@vancleefengineering.com

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From: Frank Seney <Frank.Seney@rve.com>
Sent: Monday, March 8, 2021 6:03 PM
To: Gregory Sullivan <Gregory.Sullivan@rve.com>; Timothy O'Brien <tobrien@vancleefengineering.com>; mayordunwell@alphaboronj.org; lcartabona@alphaboronj.org; 'Robert Genetelli' <r_genetelli@hotmail.com>; 'Chris Jepson' <cjepson@vancleefengineering.com>
Cc: 'Stan Schrek' <sschrek@vancleefengineering.com>
Subject: RE: Alpha - Engineering Transition Meeting Discussion

Greg or Tim – please send the Draft as I was not copied on the original e-mail - thanks

From: Gregory Sullivan <Gregory.Sullivan@rve.com>
Sent: Monday, March 8, 2021 4:46 PM
To: Timothy O'Brien <tobrien@vancleefengineering.com>; mayordunwell@alphaboronj.org; lcartabona@alphaboronj.org; 'Robert Genetelli' <r_genetelli@hotmail.com>; 'Chris Jepson' <cjepson@vancleefengineering.com>
Cc: 'Stan Schrek' <sschrek@vancleefengineering.com>; Frank Seney <Frank.Seney@rve.com>
Subject: RE: Alpha - Engineering Transition Meeting Discussion

Note. 4f project is complete. Work will be performed by Developer behind landfill and will not be bid at this time.

Frank, Any comments?

From: Timothy O'Brien <tobrien@vancleefengineering.com>
Sent: Monday, March 8, 2021 12:02 PM
To: mayordunwell@alphaboronj.org; lcartabona@alphaboronj.org; 'Robert Genetelli' <r_genetelli@hotmail.com>; 'Chris Jepson' <cjepson@vancleefengineering.com>; Gregory Sullivan <Gregory.Sullivan@rve.com>
Cc: 'Stan Schrek' <sschrek@vancleefengineering.com>
Subject: Alpha - Engineering Transition Meeting Discussion

Please find attached a draft of the discussion summary related to the engineering transition for comment and review. A final draft will be circulated to all parties upon receipt of any comments/revisions requested.

Thank you,

Tim

Timothy O'Brien, PE, CME
Project Manager

<image001.jpg>

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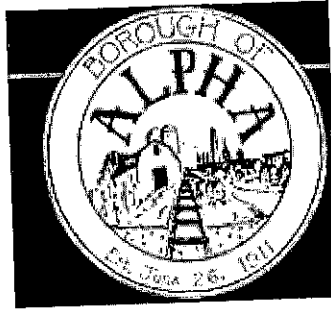
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<2021-03-08 - Transition Meeting Summary.Seney Comments.pdf>



BOROUGH OF ALPHA

GENERAL CAPITAL PROJECTS AND WATER UTILITY ENGINEERING STATUS REPORT

December 8, 2020

PREPARED BY:

**REMINGTON & VERNICK ENGINEERS
232 KINGS HIGHWAY EAST
HADDONFIELD, NEW JERSEY 08033
(856) 795-9595
www.rve.com**



**REMINGTON
& VERNICK
ENGINEERS**

ACTION ITEMS

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 are 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. A meeting was held with Ken Homa, property owner and they are willing to give an easement to the Borough for the replacement of the pipe at Homa Lane. Council authorized the preliminary engineering phase of the project at their October 22, 2019 Council Meeting. Survey and base have been completed. The hydraulic analysis has been completed and an approximate 2.5 feet high by 10 feet wide would be the most physically practical to install and have any significant upstream flooding benefit. Council authorized us to submit to the NJDEP for a pre-application meeting to discuss our approach and analysis. The meeting was held on April 29, 2020 with positive results as the ideal of new culvert is acceptable to the NJDEP. Council authorized RVE to advance the project with the NJDEP Permit application reparation/submission at their May 12, 2020 meeting. Permit Application is complete and waiting for Property Owner (Homa) to sign the application form. Proposed easement description will be prepared once plans are complete for NJDEP submission.

2. 2019 ROAD PROGRAM (NORTH BOULEVARD PHASE III AND SOUTH BOULEVARD)

ESTIMATED COMPLETION OF DESIGN: May 2019
ESTIMATED COMPLETION OF CONSTRUCTION: May 2020
CONSTRUCTION COST: \$658,524.75
CONTRACTOR: Capitol Paving and Contracting

Borough Council authorized the engineering services at their February 19, 2019 Council Meeting. Final documents are complete, and they have been submitted to the NJDOT for review and comment prior to being advertised for construction bids. The NJDOT has finalized the grant agreement and placed into their system. Documents submitted to the NJDOT have been reviewed and approved. The Project has been advertised for construction bids and bids were received on August 13, 2019. The bids exceeded the engineers estimate and Borough's budget. The low bidder has agreed in writing to hold their bid for Council to bond for the money and make a construction contract award in January 2020. Council Awarded the construction contract to Capitol Paving at their January 14, 2020 meeting. Contracts have been prepared and fully executed by all parties. Construction is complete and minor punchlist items remain. Close-out of the project is proceeding including NJDOT documentation for remaining grant reimbursement. NJDOT Final Inspection is complete and punchlist (if any) will be posted to SAGE shortly.

3. 2020 ROAD PROGRAM (5TH AVENUE PHASE II AND EAST CENTRAL AVENUE)

ESTIMATED COMPLETION OF DESIGN: November 2019
ESTIMATED COMPLETION OF CONSTRUCTION: May 2020
CONSTRUCTION COST: \$408,312.65
CONTRACTOR: Capitol Paving and Contracting

Borough Council authorized the engineering services at their May 14, 2019 Council Meeting. Asphalt cores were taken along East Central Avenue. Survey has been completed. Existing condition base plans have been prepared. Final construction plans and specifications are complete. Plans, Specifications, Design Certification and Estimate have been sent to the NJDOT Local Aid for review and approval prior to public advertisement for construction bids. NJDOT approved the construction documents. Bids were received on February 20, 2020 and Base Bid 2 (5th Avenue, Davis Street and E Central Avenue) was awarded to Capitol Paving & Contracting at the February 25, 2020 Council Meeting. Contracts have been fully executed. Construction is complete. Close-out of the project is proceeding including NJDOT documentation for remaining grant reimbursement. NJDOT Final Inspection is complete and punchlist (if any) will be posted to SAGE shortly.

4. STATE ROUTE 122 AND INDUSTRIAL DRIVE INTERSECTION IMPROVEMENTS (NJDOT LOCAL AID FREIGHT GRANT)
ESTIMATED COMPLETION OF DESIGN: April 2020
ESTIMATED COMPLETION OF CONSTRUCTION: November 2020
CONSTRUCTION COST: To Be Determined
CONTRACTOR: To Be Determined

Borough Council authorized the engineering services at their November 26, 2019 Council Meeting. The left turn traffic analysis is in progress. Survey is completed and base plans have been prepared. A left turn onto Industrial Drive from Rt 122 westbound is warranted. Preliminary

plans are being prepared. A meeting was held with the adjacent property owner to discuss property dedication needed for the proposed improvements.

5. **RECONSTRUCTION OF 5TH AVENUE -- PHASE III (NJDOT LOCAL AID FY 2020 GRANT)**
ESTIMATED COMPLETION OF DESIGN: March 2020
ESTIMATED COMPLETION OF CONSTRUCTION: August 2020
CONSTRUCTION COST: \$252,889.60
CONTRACTOR: South State, Inc

Borough Council authorized the engineering services at their January 14, 2020 Council Meeting. Survey and base plans are completed. Final documents are near completion and we will be submitting to the NJDOT for their review and concurrence. Final Construction documents have been sent to the NJDOT for review and approval prior to advertisement for construction bids. NJDOT approval was received and project was advertised and bids received. Council awarded a construction contract to South State, Inc at their June 23, 2020 meeting. Contracts have been sent to the contractor. A preconstruction meeting was held on July 9, 2020 and a Notice To Proceed (NTP) was issued on of July 27, 2020. Construction is complete and punchlist and close-out is proceeding. NJDOT Final Inspection is complete and punchlist (if any) will be posted to SAGE shortly.

6. **INDUSTRIAL ROAD EXTENSION**

ESTIMATED COMPLETION OF DESIGN: November 2019
ESTIMATED COMPLETION OF CONSTRUCTION: April 2021
CONSTRUCTION COST: To Be Determined
CONTRACTOR: To Be Determined

Borough Council authorized the engineering services at their November 26, 2019 Council Meeting. Proposed roadway baseline is complete and field survey is complete. Base plans have been completed and the preliminary plans complete. Final plans are complete and have been submitted to the NJDEP.

7. **NJPDES PERMIT -- INDUSTRIAL DRIVE MAJOR LANDFILL DISRUPTION PERMIT**
ESTIMATED COMPLETION OF DESIGN: February 2020

This phase of the work has been authorized in December 2019 and initiated. This was submitted to NJDEP on March 26, 2020 for their consideration. NJDEP has requested additional survey information that has been submitted. Verbal approval from NJDEP and written approval is anticipated soon.

WATER PROJECTS

1. ASSET MANAGEMENT PLAN (AMP) ESTIMATED COMPLETION OF DESIGN: Final Review – May 2019

The AMP is complete. A draft report will be provided this week for review with the Borough at the October 16th meeting. A draft report has been submitted to the Borough.

ASSET MANAGEMENT PLAN (GIS) ESTIMATED COMPLETION OF DESIGN: Complete

A review conference call was held on 2/5/2020 and follow-up as-built field book document of the 1937 water system was found and provided to RVE by the Borough on 2/13/2020. We have scanned, inventoried, and will review, verify, and incorporate these water assets into the GIS water system layer of Alpha Borough. The as-built field book document is broken down by street and include, but not limited to, the following:

- Water main pipes
- Water main line valves
- Water laterals
- Water lateral service valves
- Water fittings
- Fire Hydrants
- Fire hydrant valves

The lengths and sizes are shown, and we will review and add to the water system mapping where available.

The DPW was provided the water system maps with and without aerial mapping displayed for their review and reference to be sure all available comments are addressed and confirm the water assets found. We have received two marked-up maps with comments from this set on 5/21/2020, which were applied and returned with additional questions on 6/2/2020. DPW is sending additional sheets with water service locations as they are completed. When completed, we will use this to identify and target any missing/obscured areas that need to be field verified and collected to complete this phase. Valve location and fire hydrants were field located and incorporated into the GIS map. RVE is requesting review by DPW for potential revisions.

3. FRACE WTP O&M MANUAL ESTIMATED COMPLETION OF DESIGN: January 2020

The development of the Frace WTP O&M Manual has been authorized. We are currently preparing the outline and will be meeting with the Borough and Operator to develop sequencing scenarios in May. A draft has been provided to the Borough.

4. Leak Detection

A round of leak detection was performed in the past month. There were issues identified and corrected but the excessive water use has not been resolved.

5. **Services**

RVE has requested that the Borough review the water service records and provide a number of the existing lead whip or galvanized services that remain in the Borough. This is being requested by NJDEP.

SANITARY PROJECTS

1. **WMP AMENDMENT FOR PROPERTIES SOUTH OF ROUTE 78
ESTIMATED PRELIMINARY SUBMISSION: JUNE 2020**

The Properties South of Route 78 are proposed to be incorporated in the Wastewater Management Plan for the Borough of Alpha. This will involve the approval of the Highlands Commission, Borough of Phillipsburg and NJDEP. RVE has prepared a Draft report and associated mapping for this project to develop public input, and it is available for consideration by Council.

MISCELLANEOUS PROJECTS

1. **GENERAL ISSUES - GENERAL ENGINEERING**

1. Odor Control Device specified for Wet Well Exhaust Fan. Unit will require minor ductwork and piping and a VFD to reduce the Exhaust Fan Speed. Information provided to the Borough for obtaining quotes.
2. Grease Blockage event weekend of June 6, 2020. Recommendation to reimplement a Grease program with Borough Commercial and Institutional users. The Event of June 6 resulted in a Corrective Action letter to NJDEP that identified the Grease Program as the Action.
3. Sanitary Sewer Force Main Air relief valve needs to be replaced at Flirt Alley and the other two locations need to be evaluated.
4. Long term solution for Comminutor should be evaluated. A spare is on order.
5. An air release valve for the Frace Street WTP softener vessel was sized for the Borough.

2. **LEIGH FUEL PROPERTY INVESTIGATION**

The Leigh Fuel property preliminary assessment (PA) was authorized by Council at the November 28, 2018 meeting and the grant documents have been executed. A site visit was conducted, and we performed a desk top survey of the property. The PA is complete and has been submitted to the NJDEP. A proposal had been provided to Council for their consideration of advancing the assessment through additional grant dollars. The Grant Application has been submitted to the NJDEP on January 27, 2020. NJDEP has requested clarification on certain cost items in the grant application. This will be provided to NJDEP in December 2020.

3. Tax Map Maintenance/Revisions for the Borough of Alpha for Tax Year 2020

The 2020 Tax Map Maintenance proposal was submitted and approved by the Borough per resolution 2020-41, dated 1/14/2020 per our proposal dated 11/15/2019. This work will be performed over the course of the year and will be filed with County Tax Board No Later Than January 2021.

4. GIS Hosting of Municipal Map Layers for the Borough of Alpha

The Mayor has requested that RVE prepare and present a demonstration of our GIS municipal map hosting capabilities for both the public and municipal departments. Now that the Borough has several GIS map layers generated and maintained, this information can be utilized by various departments such as Code Enforcement, Tax Assessor, Construction Official, DPW, etc. in the performance of their duties and task completion. RVE would like to schedule a presentation for late July or early August 2020, to demonstrate the hosting capabilities. This presentation can be either in person or virtually presented depending on COVID meeting restrictions in place at that time. We will notify all departments once the meeting date is determined.

Deputy Clerk

From: Christopher Troxell <ctrox@verizon.net>
Sent: Sunday, March 28, 2021 3:25 PM
To: Deputy Clerk
Subject: Re: Homa Drainage

Ok to release

On Mar 26, 2021, at 1:48 PM, Deputy Clerk <deputyclerk@alphaboronj.org> wrote:

From: Frank Seney [<mailto:Frank.Seney@rve.com>]
Sent: Monday, October 26, 2020 6:13 AM
To: CFO <cfo@alphaboronj.org>
Cc: Sidney Gorham <Sidney.Gorham@rve.com>; Melissa Yale <myale@alphaboronj.org>; Tracy Grossman <tgrossman@alphaboronj.org>; Craig Dunwell <mayordunwell@alphaboronj.org>; Peter Pettinelli <ppetlinelli@alphaboronj.org>; Todd Pantuso <TPantuso@alphaboronj.org>; Greg Sullivan <Gregory.Sullivan@rve.com>
Subject: Re: Homa Drainage

Lorraine

We never separated phase I and phase II on our end as we used the same job number for both phases. It was one proposal but Council only authorized phase I and phase II was authorized at a later date as you know. There is also a Phase III that has not been authorized. If you combine all of our invoices we are under the combined phase I and phase II not to exceed figure.

We also probably billed phase I and phase II together on one invoice and it would show the charges for phase I and phase II separately. We can certainly show our separate costs for Phase I and Phase II.

Whatever is easier for the Borough we will provide so payment can be made and this can be rectified. Let us know. Thanks !

Sent from my iPhone

On Oct 24, 2020, at 12:01 PM, CFO <cfo@alphaboronj.org> wrote:

Sidney,

We awarded Reso 2019-147 for the Homa Lane Drainage Phase I in the amount of \$22,500. Your billing for Phase I, included the last outstanding invoices 2102T121-7 & 8, exceed that amount. We also awarded Phase II on Reso 2020-89 in the amount of \$9,600. If those last invoices are for Phase II, which we have not spent anything on yet,

please correct and resubmit. If they are for Phase I, we are not able to pay as they exceed the contracted offer.

*Lorraine Rossetti, CMFO
Alpha Borough
1001 East Blvd.
Alpha, NJ 08865
(908) 454-0088 ext 145
(908) 454-4210 Fax*

DISCLAIMER: This message and any documents attached contain confidential information and are intended only for the individual(s) named. If you are not the named addressee you should not disseminate, distribute or copy this e-mail and any attached documents. Please notify the sender immediately by e-mail if you have received this e-mail by mistake and delete this e-mail from your system. E-mail transmission cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. The sender therefore does not accept liability for any errors or omissions in the contents of this message, which arise as a result of e-mail transmission. If verification is required please request a hard-copy version. Remington & Vernick Engineers, Inc., 232 Kings Highway East, Haddonfield, NJ 08033, www.rve.com.