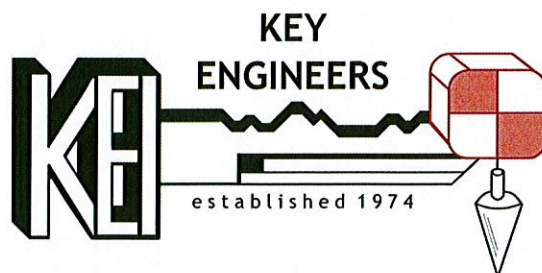


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ENGINEER'S REPORT

BARRINGTON BOROUGH

CAUCUS MEETING OF APRIL 4, 2023

AND COUNCIL MEETING OF APRIL 11, 2023

March 31, 2023

A. ACTION ITEMS:

- Approve a Resolution for the execution and submission of an Application for Camden County Open Space Funds, Round 2023 (Report Item No. 1)

B. REPORT ITEMS:

1. CAMDEN COUNTY OPEN SPACE APPLICATION, ROUND 2023:

The Program has announced the acceptance of Year 2023 applications.

The application submission deadline is May 1, 2023. The Governing Body **must** approve a resolution for the execution and submission of an Application for Recreation Facility Enhancements, Round 2023.

It is our understanding that the Governing Body desires to submit an application for the Lost World Improvements to supplement the D.C.A. FY2021 funding and the Camden County Open Space Round 2022 funding.



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2. **CAMDEN COUNTY COMMUNITY DEVELOPMENT BLOCK GRANT PROGRAM, YEAR 2023:**

The Governing Body approved a Resolution for the execution and submission of an application for the "Improvements to the VFW and the Continuation of the Senior Citizens Service Program."

We have prepared and submitted the application to the Program by the March 3, 2023, 2:00 p.m. submission deadline.

3. **WALL IMPROVEMENTS AT THE BARRINGTON AMBULANCE ASSOCIATION BUILDING (KEI #11-472BR1222):**

We have completed the Quote package and requested quotes from nine (9) local area contractors.

One (1) quote was received which exceeded the insurance allotment. Ms. Shannon discussed the situation with the adjuster and, as a result, contacted Work Restoration, Inc. of Barrington to obtain a quote.

4. **N.J.D.O.T. FY2023 MUNICIPAL AID APPLICATIONS:**

We are pleased to announce that the Commissioner of the N.J.D.O.T. recently announced that the Borough has received an allotment of \$213,490.00 for the "Austin Avenue - Roadway and Storm Drainage Improvements - Phase 3, from Third Avenue to Fifth Avenue".

5. **N.J.D.O.T. FY2022 MUNICIPAL AID APPLICATIONS (KEI #11-461BR0521):**

The Borough has received \$203,303.00 from the N.J.D.O.T. for the Roadway Improvements to Austin Avenue - Phase 2, from Third Avenue to Fourth Avenue.

The Governing Body authorized our office to proceed with the development of the Construction Plans and Specifications for bidding purposes.

We have completed the fieldwork and the Existing Conditions/Base Plans. We anticipate completing the Construction Plans and Specifications for N.J.D.O.T. authorization to schedule the receipt of bids in early 2023 with the Phase 3 project.

6. **N.J.D.O.T. FY2021 MUNICIPAL AID APPLICATIONS - 2021 CAPITAL IMPROVEMENT PROGRAM:**

The Governing Body received a funding allotment of \$225,000.00 for the Reconstruction of Austin Avenue - Phase 1, from Second Avenue to Third Avenue.

The 2021 Capital Improvement Program shall consist of the following:

a. Base Bid - N.J.D.O.T. FY2021 (KEI #11-448BR0520)

- Reconstruction of Austin Avenue - Phase 1, from Second Avenue to Third Avenue

On May 10, 2022 the Governing Body awarded a Contract in the amount of \$273,951.50 to Pioneer General Contracting Company, Inc. of Bradley Beach, New Jersey.

The contractor has completed the project with the exception of the tree installation.

The contractor will complete the project in April 2023.

b. Base Bid - Separate Bid Package (KEI #11-462BR0521)

On April 12, 2022, the Governing Body awarded a Contract for Base Bids 'A' through 'C' to Asphalt Paving Systems of Hammonton, New Jersey in the total combined amount of \$632,114.73 for the following:

- Reconstruction of the Intersection of Richards Avenue and Russell Avenue, and Russell Avenue at Majestic Avenue - *Completed*
- Reconstruction of Oak Avenue, from Pomona Avenue to Farragut Avenue and the Dead End sections of Pomona Avenue and Clinton Avenue - *Complete with the exception of lawn restoration and signage*
- Inlet Improvements at Timber Drive and Hearne Drive and along Albany Avenue - *Completed*

The contractor will complete the project in April 2023.

7. **\$1 TRILLION INFRASTRUCTURE BILL:**

New Jersey will be receiving \$13.5 Billion for transportation, broadband, water and sewer infrastructure. We have been informed that the funds will be administered through the NJ I-Bank Program. Depending on the type of application submitted to the I-Bank, anywhere from a 25% to 100% loan will be available. The principal is forgiven, the 5% down payment is covered, the I-Bank will handle the Local Finance Board process, and the actual loan rate will be reduced. Interest rates are only on what is drawn from the loan (not on the whole loan like a typical BAN). The loan term for a roadway project is 20 years (not like the typical 10 years) and 30 years for water and sewer projects.

One (1) attractive feature is that it appears that if you have a drinking water system that involves lead removal, 100% Loan Forgiveness will be provided.

Applications can be submitted at any time and once the project is ranked it goes into the priority system. Project rankings are adjusted every quarter.

At the Caucus Meeting of March 1, 2022 we discussed submitting an application for the Beaver Brook Soil Erosion Control Improvements.

8. **D.C.A. FY2021 LOCAL RECREATION IMPROVEMENT GRANT AND CAMDEN COUNTY OPEN SPACE APPLICATION, ROUND 2022 (KEI #11-468BR0222) - LOST WORLD PARK IMPROVEMENTS (KEI #11-460BR0421):**

The D.C.A. announced that the Borough received a D.C.A. FY2021 Local Recreation Improvement Grant in the amount of \$75,000.00.

Mr. Wiley has provided another concept and estimate to Councilman Hanson for review and consideration. The final concept and colors have been approved.

The purchase of the landscape structures and playground equipment through a State Contract Co-op has been authorized. The equipment is scheduled for delivery in September 2023.

We have proceeded with the development of the Construction Plans and Specifications for bid receipt.

In addition, the D.C.A. announced the acceptance of Local Recreation Improvement Grants Program, FY2023 Applications. The Governing Body approved a resolution for the submission and execution of an application to supplement the FY2021 funding allotment.

We completed and submitted the application via the D.C.A. SAGE portal prior to the submission deadline. The Program anticipates the announcement of funded application in April 2023.

The Mayor has been notified that funding in the amount of \$25,000.00 has been allocated for the Lost World Improvements to supplement the D.C.A. FY2021 funding.

9. **PUBLIC PARKING LOT SIGNAGE AND WELCOME TO BARRINGTON WALL (KEI #11-451BR1020):**

a. **Public Parking Lot Signage:**

We have been working with Mayor Harris and Councilman Cerrito for the public parking lot improvements signage.

We have developed a public parking map that has been provided to Tonewood and Old Rail Tavern which they can provide to patrons and post on their website.

Mr. Ciocco's Department has installed four (4) public parking signs and four (4) public parking directional signs for the parking lot(s) on Barrington Avenue that were supplied by the County.

b. **Welcome the Barrington Wall:**

We have been working with Councilman Cerrito and Mr. Harris for the construction of the wall.

We prepared the Construction Plans and Specifications and submitted quote requests to three (3) contractors. We received one (1) quote in the amount of \$43,523.70 from Lester Bailey & Associates Inc. which significantly exceeds the Engineer's Estimate of \$25,000.00. Therefore, a contract was not awarded.

We will re-evaluate the project with Councilman Cerrito and advise the Governing Body accordingly.

10. **BOROUGH OF RUNNEMEDE 2021 SANITARY SEWER EXTENSION PROJECT (KEI #11-450BR0920):**

The Governing Body approved the Resolution for a Shared Services Agreement at the Council Meeting of December 8, 2020.

We have prepared an informational letter which has been delivered by the Borough to the residents on Davis Road.

Mr. Bach, Runnemede Borough Engineer has provided our office with a pdf set of Construction Plans. We have emailed them to the Governing Body and Mr. Ciocco.

Once the bid receipt is scheduled in early 2023, we will advise the Governing Body accordingly.

**11. POLICE DEPARTMENT INTERIOR IMPROVEMENTS STUDY
(KEI#11-411BR1116):**

On April 19, 2022 we attended a meeting with Councilman Hanson, Chief Minardi and Lt. Pawling to review the study.

We have submitted the Permitting Plans to Chief Minardi for his use.

We attended a telephone conference meeting on January 20, 2023 with the New Jersey Department of Corrections Office, Council President Hanson and Chief Minardi to review the plans.

We have compiled and submitted the various shop drawings that were requested during the meeting.

The Borough has received approval from the N.J. Department of Corrections Office. We are currently finalizing the Construction Plans and Specifications for bidding purposes.

**12. STORM DRAINAGE ISSUES - BEAVER BROOK DRAINAGE STUDY
(KEI #267BR0606):**

As the Governing Body is aware, the residents at No. 208 and No. 210 Shreve Avenue have filed complaints regarding the continual erosion of the banks of Beaver Brook and their properties.

We recommend that the Governing Body consider the New Jersey Environmental Infrastructure Trust Water Bank (N.J.E.I.T.) or the recent Infrastructure Bill funding to fund this project. The N.J.E.I.T. program provides long-term loans up to thirty (30) years at a savings of 25 to 40 percent of the market rate.

In March 2022, we reported that we would work with Ms. Moules to determine the benefits to utilizing this funding program versus traditional improvement bonding, which resulted in a savings of approximately \$155,000.00 over the term of the loan through the Program.

Per discussions with Mayor Harris, Council President Beach and Ms. Moules, C.F.O., we prepared and submitted the N.J.D.E.P. Stormwater Competitive Grants Program application, via the N.J.D.E.P. Sage Portal, by the September 14, 2022 submission deadline.

In addition, we met on-site with Mr. King and Mr. Borovik on September 23, 2022 to review the proposed improvements.

13. FOURTH AVENUE PUMP STATION FORCE MAIN BREAK AMERICAN RESCUE PLAN (ARP) FUNDS:

The Governing Body authorized our office to prepare the Construction Plans and Specifications for the replacement of the entire force main, from the pump station to the manhole at the intersection of Moore Avenue and Clements Bridge Road (C.R. 573) [approximately 2,650 linear feet] for bidding purposes this Summer.

We attended a meeting with Mr. Thomas Mullen, Vortex Services, and have the ability to complete the project through a State approved "Houston Galveston" purchasing Co-op for which the Borough is a member.

Vortex Services has provided a Proposal. We have reviewed the Proposal with Mr. Ciocco. The Proposal far exceeds the estimated cost. Therefore, it was determined that our office will prepare the Construction Plans and Specifications.

We are currently completing the survey fieldwork and will commence with the preparation of the Construction Plans and Specifications for bid receipt in early Summer of 2023.

14. APPLICATION FOR RECREATION FACILITY ENHANCEMENT FUNDING, ROUND 2020 - \$25,000.00 (KEI#11-447BR0320):

The Program announced that the Borough received a funding allotment of \$25,000.00 for the continued improvements at the Wish-Upon-A-Star Inclusive Playground.

The Improvements include the following:

- Water Fountain and Water Service (*Completed*)
- Park Benches, four (4) units
- Conversion of the existing site lighting to L.E.D.

Once the project is fully complete, we will compile the required documents and request reimbursement from the Program.

If you have any questions or comments in regard to the contents of this report, please feel free to contact Mr. Gregory Evans (Ext. 28 or via email: gevans@keyengineers.com) or me (Ext. 27 or via email: gfusco@keyengineers.com) at this office.

Respectfully Submitted,



Gregory B. Fusco, P.E., P.P., C.P.W.M.
Certified Municipal Engineer
Barrington Borough Engineer

GE:ke

cc: Honorable Mayor Patti Harris
Council President Michael Beach
Councilman Wayne E. Robenolt
Councilman Shawn Ludwig
Councilman Kyle Hanson
Councilman Michael Drumm
Councilman Vincent Cerrito
Mr. Timothy J. Higgins, Esq., Borough Solicitor
Police Chief Mike Minardi
Fire Official Jim Arpino
Fire Chief Ken Baus
Mr. Michael Ciocco, C.P.W.M., Superintendent of Public Works
Mr. Robert Harris, Construction Department Manager
Ms. Eileen E. Holcombe, Executive Secretary
Ms. Terry Shannon, R.M.C., Borough Clerk
Ms. Denise Moules, C.F.O., R.M.C., Finance Officer
Ms. Meg O'Donnell, Accounts Payable
Ms. Suzanne Ritter, Planning Board Secretary
Ms. Kate Bowen, Barrington Ambulance Captain

Projects/11/Reports/2023/April