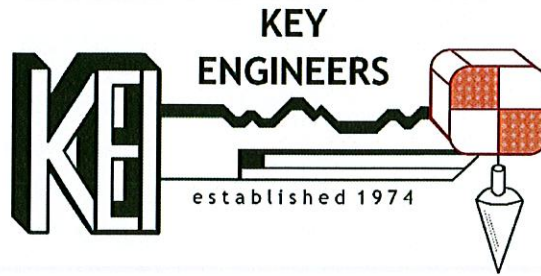


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ENGINEER'S REPORT

BOROUGH OF BARRINGTON

CAUCUS MEETING OF DECEMBER 3, 2024

COUNCIL MEETING OF DECEMBER 10, 2024

November 27, 2024

A. ACTION ITEMS:

- Award Playground Equipment Installation and Rubber Safety Surface Installation at the Lost World Park Playground (Report Item No. B5)
- Approve Voucher No. 7 for the Police Department Renovation (Report Item No. B11)
- Approve a Resolution for the release of the Performance Bond for the Chipotle Restaurant Project

B. REPORT ITEMS:

1. **D.C.A. LOCAL RECREATION IMPROVEMENT GRANTS PROGRAM, FY2025:**

The D.C.A. has announced the acceptance of FY2025 Applications. The submission deadline is January 31, 2025 by 5:00 p.m.

In order to receive a higher application ranking, the Governing Body must commit to a 100% match of funds by the Municipality. As discussed with Mayor Hanson we will prepare an application for the Installation of Pickleball Courts at Lost World Park.

2. N.J.D.O.T. FY2025 MUNICIPAL AID FUNDING (KEI #11-490BR0524):

We are pleased to inform the Governing Body that the Commissioner of the N.J.D.O.T. has recently announced that the Borough has received an allotment of \$220,419.00 for the Improvements to Devon Road from Hutchinson Avenue (C.R.665) to Tavistock Boulevard.

3. N.J.D.O.T. MUNICIPAL AID APPLICATION, FY2025:

The Governing Body selected the “Improvements to Devon Road from Hutchinson Avenue to Tavistock Boulevard” and adopted a resolution authorizing the execution and submission of an application at the June 11, 2024 Council Meeting.

The application was submitted via the SAGE web portal prior to the July 1, 2024 submission deadline.

Grant Awards are expected to be announced this month.

4. N.J.D.O.T. FY2024 MUNICIPAL AID APPLICATION (KEI #11-479BR0523):

The Commissioner announced that the “Improvements to Austin Avenue – Phase 4, from Fourth Avenue to Fifth Avenue” project received an allotment in the amount of \$268,146.00.

We have commenced with the development of the Construction Plans and Specifications for bidding purposes this winter.

5. D.C.A. FY2021, FY2023 AND FY2024 LOCAL RECREATION IMPROVEMENT GRANT (KEI #11-460BR0421) AND CAMDEN COUNTY OPEN SPACE APPLICATION, ROUNDS 2022 AND 2023 KEI#11-468BR0222 AND #11-476BR0323) LOST WORLD PARK IMPROVEMENTS:

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 and a D.C.A. FY2023 Local Recreation Improvement Grant in the amount of \$61,138.00.

The purchase of the landscape structures and playground equipment through a State Contract Co-op in the amount of \$150,000.00 has been authorized. The equipment was delivered in September 2023.

Ms. Moules submitted the required documents to the Program for the \$75,000.00, FY2021 reimbursement for the equipment purchase.

The award deadline for the D.C.A., FY2023 Funding is December 31, 2024.

The Camden County Open Space Funding - Round 2022 in the amount of \$25,000.00, and Round 2023 in the amount of \$25,000.00 have been allocated for the project.

Our office received bids on Thursday, September 26, 2024 at 10:00 am from four (4) contractors.

We have submitted our Engineer's Recommendation of Award for review and consideration by the Governing Body at the Council Meeting of December 10, 2024.

The award deadline for the Camden County Open Space Funding - Round 22 is also December 31, 2024.

6. **CAMDEN COUNTY OPEN SPACE APPLICATION, ROUND 2024**
(KEI #11-488BR0424):

The Program has announced the acceptance of Round 2024 applications.

The application submission deadline is April 30, 2024. The Governing Body select "The Lost World Park Playground Rehabilitation" and adopted a Resolution at the Council Meeting of April 9, 2024 for the execution and submission of an application for Recreation Facility Enhancement Funding, Round 2024.

Our office has submitted the Application package by the deadline of April 30, 2024.

On June 26, 2024 our office attended a meeting on-site with the Program Committee to review the project.

7. **N.J.D.O.T. FY2022 MUNICIPAL AID APPLICATION - AUSTIN AVENUE, PHASE 2 (KEI #11-461BR0521) AND N.J.D.O.T. FY2023 MUNICIPAL AID APPLICATION - AUSTIN AVENUE, PHASE 3 (KEI #11-471BR0522):**

The Borough accepted the project at the November 12, 2024 Council Meeting.

We are in the process of preparing the required documents to submit to the N.J.D.O.T. for reimbursement. We will need copies of cancelled checks for the Contractor's vouchers and our Engineering fees.

8. **\$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 twenty (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.

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

a. **Public Parking Lot Signage:**

We have been working with 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.

Mr. Bach, P.E., has reviewed and approved the request to redirect the Hidden Ponds Development force main to a proposed manhole in front of the development and he will develop a cost breakdown. Upon receipt, we will advise the Governing Body accordingly.

On April 8, 2024 the contractor commenced with the Runnemede sewer project. The anticipated completion date is January 3, 2025.

11. **POLICE DEPARTMENT RENOVATIONS (KEI#11-411BR1116):**

The Governing Body awarded a contract to J.H. Williams Enterprises, Inc. of Moorestown, New Jersey, at the Council Meeting of April 9, 2024, in the amount of \$559,900.00.

The contractor commenced with the project on June 10, 2024. The new Chief and Captain's offices, the new Pre-K improvements and the Police Station offices have been completed. The contractor is currently working in the Police Station locker room.

We are currently processing Voucher No. 7 for review and consideration by the Governing Body at the Council Meeting of December 10, 2024.

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 again are recommending 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.

We attended a meeting with Mayor Hanson, Ms. Moules and representatives from the USDA to discuss their funding programs. We are currently finalizing the pre-application for Federal Assistance with Ms. Moules.

13. **FOURTH AVENUE PUMP STATION FORCE MAIN BREAK AMERICAN RESCUE PLAN (ARP) FUNDS (KEI #11-082BR2095):**

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.

At the Council Meeting of September 10, 2024, the Governing Body awarded a contract to DiMeglio Construction Company of Atco, New Jersey in the amount of \$761,240.08. The Preconstruction Meeting was held on October 16, 2024 and the Meeting Minutes have been issued to all parties.

As soon as the commencement date has been established, we will advise the Governing Body.

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. (*To be completed in early December 2024*)

We have compiled the required documents and requested partial reimbursement from the Program.

We also requested another project extension by the March 28, 2024 deadline. An extension to December 31, 2024 was granted by the Program.

We are currently working with Mr. Ciocco on the L.E.D. lighting installation.

15. **2023 N.J.D.E.P. MS4 STORMWATER ASSISTANCE GRANT:**

The regulation requirements for the new MS4 Stormwater Permit received by the municipality are both intense and expensive. The N.J.D.E.P. is offering a Grant in the amount of \$25,000.00 to help municipalities comply with the regulations. Mr. Ciocco submitted the application for the Grant on behalf of the Borough and the Department has provided the initial portion of the Grant in the amount of \$15,000.00.

The Grant funding is being made available to assist municipalities with making the necessary upgrades and revisions to the Municipal MS4 Stormwater Map.

It is our understanding that Pennoni has completed the MS4 Mapping requirements. Once the mapping is reviewed by the Public Works Department, we recommend providing the map to the N.J.D.E.P. for approval.

Once the map is accepted, the Department will provide the Borough with the remaining \$10,000.00 of Grant Funding. Any funds in excess of the cost to prepare the mapping can be utilized to address any MS4 requirements.



We appreciate having the opportunity to serve the Governing Body and the residents of the Borough of Barrington over the past years.

We are hopeful for the opportunity to continue our service in 2025.

We wish you and your families a Happy Holiday Season!

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

Respectfully Submitted,

A handwritten signature in blue ink, appearing to read "Gregory B. Fusco". The signature is fluid and cursive, with a large initial "G" and "F".

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

GE:ke

cc: Listed on Page 9

cc: Honorable Mayor Kyle Hanson
Council President Michael Beach
Councilman Wayne E. Robenolt
Councilman Shawn Ludwig
Councilman Michael Drumm
Councilman Vincent Cerrito
Councilwoman Melanie Mercado-Miller
Mr. Timothy J. Higgins, Esq., Borough Solicitor
Police Chief Mike Minardi
Fire Official Jim Arpino
Fire Chief Joe Hales
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. Kate Bowen, Barrington Ambulance Captain

Projects/11/Reports/2024/December