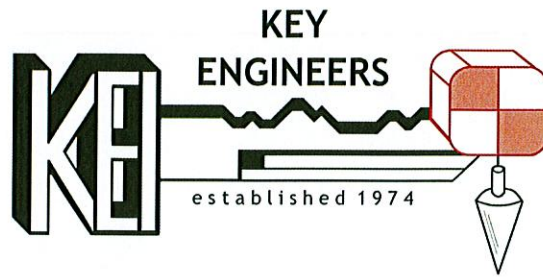


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ENGINEER'S REPORT

For The

BOROUGH OF MOUNT EPHRAIM

CAUCUS/WORKSHOP MEETING OF NOVEMBER 27, 2024

November 25, 2024

I. ACTION ITEMS:

- There are no action items to report at this time.

II. 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. We will review potential projects and report to the Governing Body with our recommendation for consideration.

**2. N.J.D.O.T. MUNICIPAL AID APPLICATION, FY2025
(KEI #43-55ME0524):**

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 \$171,473.00 for the Reconstruction of E. Buckingham Avenue - Phase II from the Black Horse Pike (NJSH-168) to Station 14+75.

3. **BACKFLOW PREVENTORS FOR ALL MUNICIPAL BUILD (KEI #43-57ME0924):**

The Borough has been notified by the New Jersey American Water Company that the following Borough owned structure water services must be fitted with backflow preventors in order to comply with N.J.D.E.P. cross connection rules and regulations:

- Municipal Building
- Seniors Center
- Public Works Garage
- Recreation Field House

We have received quotes for the necessary piping modifications and backflow preventor installation for all four (4) structures. The total cost is \$11,060.00. We note that the work must be performed by a licensed contractor with a New Jersey Public Works certification and our office is required to complete the requirements of the N.J.D.E.P. Cross Connection Permit request for all four (4) locations. The Permit request must be submitted to N.J.A.W. first, for approval, before it is sent to the State. The application fee is \$150.00.

3. **N.J.D.O.T. MUNICIPAL AID APPLICATION, FY2023 JAMES STREET CONCRETE CURB AND APRON REPLACEMENT AND STORM SEWER IMPROVEMENTS TO WINTHROP AVENUE (KEI #43-52ME0424):**

Our office is scheduled to receive bids in December 2024.

4. **NEW JERSEY AMERICAN WATER AND THE LAKE FRONT STREET SEWER REHABILITATION:**

Mayor Carney and I met with representatives from New Jersey American Water (N.J.A.W.) to discuss the proposal for the restoration of the sanitary sewer mains along Lake Front Street. There are several homes along Lake Front Street which are currently serviced by a gravity sewer main in old, deteriorated condition. At the present time, sewer easements do not exist in many areas along the main alignment and, over the years, encroachments such as sheds, fences and trees will make the complete restoration of the gravity main very difficult. In some instances, structures may be impacted. To minimize the impact, New Jersey American Water is proposing an option that will include the use of low pressure pumps.

The subject of the long-term maintenance of the pumps was discussed at length at the meeting. Mayor Carney made it very clear that New Jersey American Water must do what ever is necessary to insure that the long-term maintenance of the pumps remain the responsibility of the Water Company and not the residents. We have contacted N.J.A.W. Company and requested a status. They are discussing the Mayor's concerns and will be reporting shortly. While we wait for a response from the Water Company, Mayor Carney has notified the residents that a meeting was conducted and reported on the Borough's position regarding the matter.

5. **N.J.D.O.T. FY2024 MUNICIPAL AID APPLICATION (KEI #43-45ME0523):**

The Commissioner announced that the "Reconstruction of E. Buckingham Avenue - Phase 1 from the Black Horse Pike (N.J.S.H. 168) to the Dead End" project received an allotment in the amount of \$208,558.00.

Our office has completed the fieldwork for this project. We are currently working on the Construction Plans and Specifications.

6. **N.J.D.O.T. FY2023 LOCAL TRANSPORTATION PROJECT FUNDING (KEI #43-44ME0523):**

The continuation of the "Drainage Improvements to Bell Road" project received a funding allotment in the amount of \$600,000.00.

We have provided the project estimate to Mr. Thomas. The Governing Body is currently making provisions to allocate the funding. Our office has completed the survey fieldwork, and we are currently working on the Construction Plans and Specifications. We anticipate submitting the bid package to the N.J.D.O.T. for review and authorization to advertise the receipt of bids in January 2025.

7. **CAMDEN COUNTY OPEN SPACE APPLICATION, ROUND 2024 (KEI #53ME0424):**

The Program has announced the acceptance of Round 2024 applications.

The application for the "Pickleball Court Improvements at the Shining Star Playgrounds" project was submitted by the April 30, 2024 deadline.

8. **CAMDEN COUNTY OPEN SPACE APPLICATION, ROUND 2023
(KEI #43-43ME0423):**

The Governing Body approved a resolution authorizing the execution and submission of the application for the Paving Improvements at the Mount Ephraim Youth Athletic Association Fields.

The application was submitted by the May 1, 2023 deadline.

The work has been completed by Mr. Ciano.

We are currently processing the paperwork to submit to the Program requesting reimbursement to the Borough.

9. **D.C.A. LOCAL RECREATION IMPROVEMENT GRANT APPLICATION,
FY2023 (KEI #43-40ME1222):**

On April 13, 2023, the N.J.D.C.A. announced that the "Improvements to the Mount Ephraim Youth Athletic Association Baseball Fields" project received a Grant allotment in the amount of \$12,950.00. We remind the Governing Body that the Grant Application will require matching funds.

The Grant Agreement was posted on the State website for execution by the Mayor. It is our understanding that the agreement has been executed.

The work has been completed by Mr. Ciano.

We are currently processing the paperwork to submit to the Program requesting reimbursement to the Borough.

10. **N.J.D.O.T. FY2023 MUNICIPAL AID APPLICATIONS (KEI #43-36ME0522):**

The Commissioner of the N.J.D.O.T. announced that the Borough has received an allotment of \$166,050.00 for the "Improvements to Adams Avenue from Linden Avenue to Linwood Avenue" project.

On April 3, 2024 the Governing Body awarded a contract to Landberg Construction, LLC of Dorothy, New Jersey in the amount of \$245,692.66.

The contractor commenced with construction on June 10, 2024 and the concrete work has been completed. The topsoil and sod work were completed during the week of September 16, 2024.

We are currently processing the paperwork for final voucher and change order for review and consideration by the Governing Body at the December 2024 Meeting.

11. **N.J.D.O.T. FY2020 MUNICIPAL AID APPLICATION - RESTORATION OF LINDEN AVENUE (KEI #11ME0920):**

This project has been closed out by the N.J.D.O.T.

12. **HANDICAP RAMP CONSTRUCTION FOR THE MEPRI BUILDING (KEI #22ME0521):**

The Borough Clerk has made contact with the Board of Elections to discuss pursuing a HAVA Grant for the necessary ramp improvements. We have provided the Clerk with a construction estimate for the work.

We have been asked to obtain three (3) quotes from area contractors. This is a requirement of the HAVA Program.

We have requested quotes from three (3) area contractors for the concrete ramp work. Two (2) quotes have been submitted and we have forwarded them to the Borough Clerk for review and submission to the program.

13. **RESTORATION OF KINGS HIGHWAY:**

The County has received bids for the project. A contract has been awarded to South State General Contractors. The Preconstruction Meeting was conducted on Wednesday, August 28, 2024. The work was scheduled to commence on September 16, 2024.

Everyone is encouraged to use the project website at: www.kingshighwaycc.com to track the progress of the work and to follow current and future traffic control patterns. Work on the segment that includes the roadway restoration between Market Street and the Black Horse Pike, in Mt. Ephraim, has not been scheduled as of the date of this report.

14. **C.C.I.A./C.C.M.U.A. REGIONAL FLOODING STUDY (KEI #43-34ME):**

The flooding study consists of five (5) municipalities; Mt. Ephraim, Bellmawr, Brooklawn, Gloucester City and Westville.

On January 25, 2022, our office attended a meeting with Borough representatives. Representatives from CDM Smith, the Project Engineer, provided an overview of the study. They are currently in the information gathering stage and requested any documentation/information that would help them understand the Boroughs flooding issues.

On May 2, 2022, we attended an on-site meeting at the Shining Star Park with representatives from CDM Smith, the C.C.M.U.A. and Mr. Beebe. After the meeting, we provided documentation/information and forwarded it to CDM Smith.

The Phase I Flood Study has been completed. It is our understanding that there will be a Phase II Flood Study for the implementation of the Phase I Recommendation.

Commissioner Marrone, Mr. James Beebe, and I met with the C.C.M.U.A. and representatives from CDM Smith on September 26, 2024 to discuss the results of the Phase I study as it pertains to Mount Ephraim Borough. CDM Smith representatives presented several areas of concern with possible solutions. The areas included the intersection of Lowell/Harding and Winthrop Avenues. We informed CDM Smith that the Borough has already been proactive with the stormwater conditions at the intersection and has completed a Phase 1 stormwater piping project to address the situation. We also informed the representatives that we are working on the Bell Road drainage issues.

15. FEMA REGION II DISCOVERY MEETING:

There is no update to report at this time.

16. 2023 N.J.D.E.P. MS4 STORMWATER ASSISTANCE GRANT:

The Borough received confirmation of the Grant approval, via email, in the amount of \$15,000.00. The remaining \$10,000.00 will be received when the N.J.D.E.P. receives the required MS4 Map.

Our office has located and documented all of the stormwater inlets and outfall structures. There are eighteen (18) storm manholes that remain to be opened and inspected. Once all of the inventory is collected, the data will be uploaded into a free mapping service provided by the N.J.D.E.P.

Should you have any questions or comments in regard to the content of this report, please feel free to contact me (Ext. 27 or email: gfusco@keyengineers.com) at this office.

Respectfully submitted,



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

GBF/JB/GE:ke

cc: Honorable Mayor Susan Carney
Mr. Joseph Wolk, Borough Commissioner
Mr. Michael Marrone, Borough Commissioner
Mr. Stuart Platt, Esq., Borough Solicitor
Ms. Terry Shannon, R.M.C., Borough Clerk

Projects/43/Reports/2024/November