

ENGINEER'S REPORT

for



Report Date: May 20, 2015

Prepared for:

Pemberton Township
500 Pemberton-Browns Mills Road
Pemberton, NJ 08068-1539

Prepared by:



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ARH #32-01001

ROADWAY & DRAINAGE:

1. **East Lakeshore Drive (ARH #32-04022):**

The Final Change Order for this project was accepted by NJDOT. Our office requested NJDOT Closeout documents from the Township on May 11, 2015 and the Township is currently working on providing all requested paperwork. Once we receive this documentation we will request final reimbursement and close this project out with NJDOT. Please note the final reimbursement for this project is \$31,671.21.

2. **2015 Road Program (ARH #32-04024):**

The survey base map plans have been completed and the design is currently underway for the roadway drainage improvements. The locations for the drainage improvements include Arrabella Avenue, Hunter Boulevard, & Rhode Island/Washington Boulevard intersection. Public Works will be constructing the roadway upgrades upon completion of the design. The Rhode Island/Washington intersection will be the first of the three (3) projects scheduled to be installed and is estimated for the month of June.

3. **Sinkhole at Scammell Drive (ARH #32-06009):**

The Contractor has mobilized and has begun the required improvements. The Contractor anticipates being completed in approximately one (1) month.

4. **Noteboom Avenue Drainage (ARH #32-06010): No Status Change**

The design has been submitted to Public Works on February 13, 2015. Public Works is finalizing the installation of this repair.

DAMS:

1. **Country Lakes Dams #1, #2 & #3 (ARH #32-01014):**

Dam #1 – JCP&L and Comcast have completed their installation work but Verizon is currently behind schedule and are currently still installing their services. The Contractor is evaluating whether they can work concurrently with Verizon in order to expedite schedule completion. Please note that the end of this year is still the anticipated completion date, provided Verizon completes their work by the middle of June.

Dam #2 – The new Dam structure is currently functioning and the contractor is completing the downstream stabilization measures and final restoration. This project should be substantially completed by the end of this week.

Dam #3 – Pending Councils decision on Change Order #3 to approve or deny the walkway and railing installation will determine the direction of work. Once the decision is made it is estimated that the construction at Dam #3 will be completed within the month. Please note that the NJDEP is amenable to this modification.

2. **Bayberry Street Dam (ARH #32-01016):**

Burlington County has accepted the project so now the project can be deemed complete. Our office has issued the Contractor a closeout letter (requesting signatures on the final quantities change order, submission of final invoice, and submission of maintenance bond) and we are waiting receipt of the documents. Once the Contractor submits this information we can close the project out with the Township and then work on closeout with FEMA.

3. **Pending Items: No Status Change**

a. **Formal Inspection of Mirror Lake Dam (ARH #32-01005):**

The formal inspection report has been submitted to NJDEP and we are awaiting their review and comment. Our office has been authorized to complete the regular dam inspection for 2015, which is due in July to Dam Safety.

b. **Presidential Lakes/Lebanon Forest Dam Inspection (32-01013):**

The regular 2-year inspection report has been submitted to NJDEP and it has been accepted. Public Works has informed our office that all of the maintenance/repair items noted in the inspection report have been addressed. The next regular visual inspection is due May 2016.

PARKS & RECREATION:

1. **Mirror Lake Beach Fencing (ARH #32-01015):**

Our office worked with the Township to approve a revised layout for the vinyl privacy fencing. We are currently in the process of setting up a meeting with the Contractor to review the revised layout. Once this meeting occurs the Contractor can finish all remaining installations.

Phase 1:

The chain link fence along the beach side of North Lakeshore Drive has been replaced. The Contractor has completed all fence removal along the other side of North Lakeshore Drive and will begin the wooden "guide rail" style fence installation.

Phase 2:

The Contractor was waiting for the playground to be finalized prior to installing the privacy fencing.

2. **Nesbit Complex Improvements (ARH #32-01027):**

As previously reported, the County Planning Board approved a waiver to install the entrance off of Pemberton Browns Mills Road at their October 28, 2014 meeting. The approval came with a number of conditions that we are currently addressing.

Currently, we are working with Baker Residential to get the required easements filed with the County which was a requirement of the development's County site plan approval. Please note that the county has just completed their review of the easements to be filed and deemed them appropriate. Our next step is to get the easements approved by the Township and filed. Once this occurs we can move forward with resubmitting the County Access plan addressing the conditions noted above. We are also currently confirming the sports usage schedule for the site to assist in the final traffic design submission with the county. The location of the entrance curb to the parking lot has been agreed to by the county pending resolution of the questions raised by the County Engineer on potential traffic. We will be meeting with the County Engineer again after the additional information is provided to their office.

3. **Resurfacing of Various Recreation Courts (ARH #32-01042): - No Status Change**

This project has been completed and it appears that all of the courts may not have cured before the cold weather started. All four courts are covered for the next two years under the maintenance bond and the contractors two year guarantee. We will be working to get the Contractor back onsite to address all issues in the surface within the coming weeks as weather improves.

WATER SYSTEM:

1. **Well #11 Radium Removal (ARH #32-03019): No Status Change**

The formal funding application has been submitted to NJEIT on schedule. We have received Pinelands certificate of filing and a copy has been submitted to the NJDEP in order to allow them to proceed with their review of the water supply permit application. We are also moving forward with our response to the environmental review issued by the NJDEP as part of the NJEIT application compliance review. We await the authorization to award from NJDEP/NJEIT in the fall of 2015.

SPECIAL PROJECTS:

1. **Proposed Fuel Facility (ARH #32-01012): No Status Change**

This project has been closed out with the Contractor. Our office has submitted paperwork and reporting to NJDEP to finalize the underground storage tank removal. We are awaiting NJDEP final concurrence.

2. **Senior Center Fire Suppression (ARH #32-01046):**

The project change order had been approved within the last Council meeting in order to replace the faulty backflow preventer on the existing fire system. At this time the Contractor is applying for permits and once the permits are approved Midlantic Fire will be ordering the materials. Once the materials are delivered the project should take approximately a month to complete.

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