

ENGINEER'S REPORT

for



Report Date: August 19, 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. **2015 Road Program (ARH #32-04024):**

The survey base map and preliminary design plans have been completed for the roadway drainage improvements. The locations for the drainage improvements include Arabella Avenue, Hunter Boulevard, & Rhode Island/Washington Boulevard intersection. Public Works will be constructing the roadway upgrades upon finalization of the design. Plans for Hunter and Arabella will be finalized after a field meeting with Public Works to determine if any field changes are warranted.

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

In two (2) separate locations issues have developed which need to be addressed. The Contractor returned onsite on August 13, 2015 to address the issues. Once these issues are resolved our office will begin the closeout process with the Contractor.

As a reminder, this project only included base course restoration to the trench. When the project was awarded it was decided to have Public Works complete the final surface course restoration. Once the project is closed out with the Contractor this work can be scheduled to be completed by Public Works.

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

Public Works has installed the storm pipe as well as the soil erosion control stone, but still has to complete the final paving to restore the roadway.

DAMS:

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

Country Lakes Dam#1: Contractor has erected cofferdam around work area. The contractor has demolished the old structure and commenced with installing the pile supports for the new dam structure.

Country Lakes Dam#3: The contractor has adjusted his prior schedule and does not plan to mobilize to start remaining Dam#3 work until sometime in August. The work tasks, which should take 3-4 weeks to complete once started, include construction of pedestrian sidewalk along the downstream face and final paving

2. **Bayberry Street Dam (ARH #32-01016): No status change**

All project information has been submitted to FEMA and we believe they will be approving the additional reimbursement to the Township. The State Police OEM representative has informed us that they will be sending the Final Inspection Report (FIR) package forward to FEMA to get Pemberton Twp paid.

3. **Pending Items: No status change**

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

The formal inspection report due July 2015 has been submitted to NJDEP on 6/26/2015 and we are awaiting their review and comment.

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):**

Contract #1 (guide rail, chain link, vinyl split rail) – Contractor is 98% complete. There is a gate that was added to the job that is on order. Once this is installed all fencing will have been installed. Final quantities are being discussed with the contractor now.

Contract #2 (vinyl privacy fence) – All installations are complete, and final quantities are being discussed with the contractor now.

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 working to satisfy with the County.

Currently, both the County and the Township have reviewed the necessary easement documents and deemed them appropriate. Final signatures are required on the easement documents by the Township and the County prior to their filing. 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 impacts. We have coordinated the anticipated sports usage schedule for the final traffic design submission with the Township and a revised traffic report was submitted to the County during the week of 8/10/2015 addressing those issues. We will be meeting with the County Engineer again after all of the above information is reviewed by their office.

3. **Resurfacing of Various Recreation Courts (ARH #32-01042):**

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. A letter advising the contractor of the deficiencies has been sent, along with a request for a meeting onsite to discuss the concerns.

WATER SYSTEM:

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

Currently the schedule is proceeding as anticipated:

1. The environmental review response has been submitted to the NJDEP as part of the NJEIT application compliance review.
2. The NJDEP application has been deemed complete. We have received review comments from NJDEP Water Supply Construction Bureau on the treatment plant modification application and have responded to their questions. Expect BSDW construction permit in next 30 days.
3. We have procured final approval from the Pinelands and received Certification of the Erosion Control Plan from the Burlington County SCD
4. We await the authorization to award from NJDEP/NJEIT in the fall of 2015 should the project continue on schedule.

SPECIAL PROJECTS:

1. **Proposed Fuel Facility (ARH #32-01012)**

This project has been closed out with the Contractor. Our office has submitted a report to NJDEP to document the underground storage tank removal work. However, additional investigation of the contaminant impacts to soil/ groundwater is needed and was outlined in a proposal dated July 17, 2015.

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

Midlantic has completed the entire project including the new backflow preventer, new supply lines and fire suppression heads on the 2nd and 3rd floors. The project is complete. The last item that remains is for code official to inspect and approve the installation. Once approved, we can recommend final payment.

Now that the system has been installed on the third floor, this area must be insulated by the Township to prevent the pipes from freezing in the winter and causing damage to the building.