

ENGINEER'S REPORT

for



Report Date: September 16, 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):**

Our office issued a closeout request to the Contractor in a letter dated August 25, 2015. Once we receive all closeout information (final invoice, final quantities change order, and maintenance bond) we will be able to recommend final payment and closeout of this job 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: The contractor is in the process of forming and pouring the overflow spillway structure. Latest schedule from contractor has them completing the spillway structure in mid- October. The entire Dam#1 work remains on target for completion by the end of year.

Country Lakes Dam#3: The contractor has poured new sidewalk behind the guiderail on the downstream face of Dam and is scheduled to complete top course paving and line stripping by September 18th at which time, except for incidental clean-up items, Dam#3 will be complete.

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

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 Township has received the construction permit from NJDEP-Water Supply Element.
2. We have procured final approval from the Pinelands and received Certification of the Erosion Control Plan from the Burlington County SCD.
3. We await the authorization to advertise from NJDEP/NJEIT (NJDEP-Municipal Finance and Construction Element). We anticipate authorization to bid this project in mid-late November of this year.

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 has passed inspections and this office has recommended acceptance of the work. As a result, recommendation for final payment has been submitted.

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.

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