

ENGINEER'S REPORT

for



Report Date: December 2, 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 have been finalized after a field meeting with Public Works to determine if any field changes were warranted.

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

This project has been closed out. Recently, localized settlement has occurred at an additional area within the project limits. The contractor has been put on notice that this issue needs to be addressed. We are currently awaiting the contractor's schedule.

As a reminder, this project only included base course restoration to the trench. When the project was awarded it was intended to have Public Works complete the final surface course restoration. Public Works will schedule paving in coordination with the contractor making repairs to any settled areas.

DAMS:

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

Country Lakes Dams: Choctaw Road along Dam#1 will be base and top paved prior to Thanksgiving. The contractor will start the guiderail before the holiday and upon its completion the following week open the road to traffic. In addition to the completion of the guiderail work, the contractor is also scheduled during the week of November 30th to top pave the portion of Choctaw road base paved last winter along Dam#3 and install all the road stripping and signage. Project construction will be fully complete on or about December 4th.

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. When asked about a time frame to receive payment, they were non-committal. We estimate a minimum of approximately 2-3 months, and we continue to follow up with them on a regular basis.

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. **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 most current review letter dated November 13, 2015 is a conditional approval and notes some minor comments to be completed prior to final approval.

To date, both the County and the Township have reviewed the necessary easement documents and deemed them appropriate. One of the conditions is 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 and they have requested proposed curb grades for their review.

2. **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 two years under the maintenance bond and the contractors two year guarantee, which expires on or about November 22, 2015. A letter advising the contractor and his bonding company of the deficiencies has been sent and the contractor has contacted this office to inform us that he has gone out to the courts and made repairs. ARH will re-inspect for compliance.

WATER SYSTEM:

1. **Well #11 Radium Removal (ARH #32-03019):**

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. The Township has received authorization, dated October 30, 2015, from the NJDEP to advertise this project for bid. It is recommended that the project be advertised in two steps with the first bid being the “radium treatment equipment purchase and operating contract” and the second contract being for the construction of the treatment building. We are still awaiting a response from the NJDEP as to the amount of the principle forgiveness that will be allocated toward the loan payment.

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 and the 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.