

# ENGINEER'S REPORT

for



Report Date: October 21, 2015

*Prepared for:*

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

*Prepared by:*



**Adams, Rehmann & Heggan Associates, Inc.**  
850 S. White Horse Pike  
Hammononton, NJ 08037

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. Field meeting anticipated during the week of September 5<sup>th</sup>.

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

This project has been closed out. Recently settlement has occurred on the project. Since this project is still in its maintenance period we have put the Contractor on notice that this issue needs to be addressed. We are currently discussing the situation with the Contractor.

As a reminder, this project only included base course restoration to the trench. When the project was awarded it was planned to have Public Works complete the final surface course restoration. Public Works to schedule paving.

3. **Noteboom Avenue Drainage (ARH #32-06010):**

Public Works has installed the storm pipe as well as the soil erosion control stone. Final paving of the roadway trench has been completed by Public Works.

## **DAMS:**

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

Country Lakes Dam#1: The Contractor is still on schedule to have the concrete spillway completed by October 23<sup>rd</sup>. Half of the spillway has been poured and the Contractor anticipates pouring the remaining portions during the week of October 19<sup>th</sup>. As previously reported, during the remainder of October through till Thanksgiving the Contractor will be placing the spillway in service, removing the temporary cofferdam around the work out and perform the bridge and road work, which will complete the project. Weather permitting, Dam#1 is on target for substantial completion by the first week of December.

Country Lakes Dam#3: This project is complete with exception of top course paving. As previously reported the contractor has elected to hold off top paving until mid- November when it can be completed simultaneously with Dam#1 final paving, weather permitting.

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 will be following up on a regular basis for more information.

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) & Contract #2 (vinyl privacy fence) Closeout paperwork (i.e. final quantities change orders, final payment recommendation and project maintenance bond) for each Contract was sent to the Township for review and acceptance. Once these items are approved the project will be closed out with the Contractor.

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.

*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. The revised traffic report is currently under review. The County has also requested a minor plan modification which will be completed and submitted during the week of December 5<sup>th</sup>.

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 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 of the deficiencies has been sent, along with a request for a meeting onsite to discuss the concerns. No reply has been received, thus another letter will go out the week of December 5<sup>th</sup> with a copy to the bonding company.

**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. Final documents have been submitted to NJDEP/NJEIT (NJDEP- Municipal Finance and Construction Element) and they should be issuing an authorization to advertise within the next few weeks. Once we receive this authorization we will coordinate with the Township to schedule the bid opening and advertisement of bids.

**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. 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.**