

# ENGINEER'S REPORT

for



Report Date: July 15, 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 Arrabella Avenue, Hunter Boulevard, & Rhode Island/Washington Boulevard intersection. Public Works will be constructing the roadway upgrades upon finalization of the design. The Rhode Island/Washington has been submitted to the Public Works department earlier this month in order to proceed with work within the month of July while the remainder of the roadways anticipated to begin construction by Public Works in August.

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

The Contractor finished the remaining items of work (final restoration). We should be able to move to project closeout with the Contractor shortly. 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. This work can now be scheduled and completed by Public Works.

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

The design was submitted to Public Works on February 13, 2015. 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 remobilized, instituted the operation of the spillway bypass, and started constructing of cofferdam. JCP&L and Verizon Utility relocation work is complete and the old pole line has been completely removed. Mid December is an extremely conservative estimate provided by Loftus for project completion and raising of the upper lake level back to its normal elevation. If no unusual weather conditions or unforeseen construction problems are encountered the schedule could be shortened by 4-6 weeks.

Country Lakes Dam#2: Project complete, including yard and driveway restoration to the Joast property as agreed to in the easement documents.

Country Lakes Dam#3: A second Loftus crew is scheduled to mobilize in mid- July to construct concrete walk behind guiderail and apply top course asphalt pavement to Choctaw Road. By mid -August the entire Dam# 3 contract work should be finished.

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

At the last Council Meeting the Township accepted the maintenance bond and approved final payment to the Contractor. On June 22, 2015 our office finalized and submitted the required funding closeout documents to FEMA for their review and acceptance.

3. **Pending Items:**

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):**

As previously reported, a revised Notice to Proceed was issued on June 15, 2015 with a new project deadline of July 15, 2015. All chain link, vinyl split rail, and vinyl privacy fencing has been installed at this point. The Contractor is in the process of installing the wooden fencing and we still expect all remaining work to be completed prior to the Water Carnival which occurs at the end of this month.

2. **Nesbit Complex Improvements (ARH #32-01027): No Status Change**

*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 are currently being addressed.

*Currently*, both the County and the Township have reviewed the easement documents and deemed them appropriate. 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 this information is currently being analyzed. A revised traffic report will be prepared for submission to the County. We will be meeting with the County Engineer again after all of the above information is provided to 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 completed and is now in the next stage of the review, the technical review.
3. 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): No Status Change**

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 will be outlined in a subsequent proposal.

2. **Senior Center Fire Suppression (ARH #32-01046): No Status Change**

The contractor is currently installing the fire suppression system. It is anticipated that the system will be complete and tested in approximately 2 weeks. Now that the system has been installed on the third floor, this area must be insulated to prevent the pipes from freezing in the winter and causing damage to the building.