

# ENGINEER'S REPORT

for



Report Date: April 20, 2016

*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 final design plans have been completed for the roadway drainage improvements, and plans delivered to Public Works for their use. The locations for the drainage improvements include Arabella Avenue, Hunter Boulevard, & Rhode Island/Washington Boulevard intersection. Public Works will be constructing the roadway upgrades. The revised schedule is as follows: Arabella during the first weeks of May; Rhode Island and Hunter to be determined. All work is weather and priority dependent.

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

This project has been closed out. Subsequent to closeout, localized settlement had occurred at one area within the project limits. The contractor repaired this area, but neglected to notify our office of the work. Subsequent to this repair, a water service broke in the area of the settlement repair. The Township repaired the water service and the contractor has been put on notice of the problem and advised that we will be monitoring his overall performance on this job. The project is under maintenance bond at this time, which will expire on August 15, 2017.

Public Works has completed the surface course paving, with the exception of the repair area. Currently Public Works is maintaining the QP soil repair area and will pave after any settlement has stopped.

## **DAMS:**

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

Country Lakes dams: We met on 4/5 with Loftus and his subcontractor to discuss scope of remedial work necessary on Choctaw Road and are waiting for a schedule from Loftus to perform the work, which will consist of milling and re-paving entire southbound lane along Dam #1. The work will take a day to complete and will necessitate a road closure for 6-8 hours. The Township is currently holding 50% of the contract retainage until this remedial work is complete.

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

FEMA recently approved increasing the total funding to cover all costs associated with this project on January 12, 2016 (see attached letter). On February 8, 2016 FEMA approved issuance of \$643,585.24 (what Pemberton is owed in order to be 100% reimbursed on the project) and can anticipate receipt of the funds within the next month or so.

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. We have reached out to them for an update to determine if they have any comments.

b. **Presidential Lakes/Lebanon Forest Dam Inspection (32-01013):**

The next regular visual inspection report is due May 11, 2016. ARH has been authorized to proceed to complete the inspection and submit the report prior to the May 11<sup>th</sup> deadline. The field inspection is currently scheduled for April 21, 2016, weather permitting.

**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 remaining outstanding item is the dedication of easements to the County for road widening and culvert/drainage access and maintenance.

First reading of Ordinance 7-2016 dedicating the necessary easements to the County was introduced and approved at the April 6<sup>th</sup> Council meeting. Upon approval of the second reading, the easement documents will be signed (after the challenge period) by the Township and forwarded to the County for their signatures and filing.

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

All four courts are covered for two years under the maintenance bond and the contractor's two year guarantee, which was scheduled to expire on or about November 22, 2015. A letter advising the contractor and his bonding company of the deficiencies had been sent prior to November 22, 2015, 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 after the winter weather is past to see how the repairs have held up.

## **WATER SYSTEM:**

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

Currently the schedule is proceeding as anticipated.

At its meeting of April 6, 2016 Council authorized the award of construction contracts to Water Remediation Technologies and to TKT construction for the construction of the water treatment/radium removal system and the construction of the building to house the new equipment respectively. Contracts have been prepared and sent to both contractors for execution. A pre-construction meeting is scheduled for May 3 at which time the Notice to Proceed will be issued. Base on the contract time frames the construction should be complete and the treatment units fully operational by early autumn.

## **SPECIAL PROJECTS:**

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

The tank removal portion of 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 will be needed. ARH has been awarded the contract to continue with the next phase of investigation of this property by Council at its meeting of April 6, 2014.