

# ENGINEER'S REPORT

for



Report Date: April 1, 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. **East Lakeshore Drive (ARH #32-04022):**

As previously reported all major items of construction have been completed. Our office is in the process of closing out this project with the Contractor.

2. **2015 Road Program (ARH #32-04024):**

Our office is proceeding with the survey of the existing conditions and will begin design services as soon as the survey base map plans are completed. This includes drainage improvements for Arrabella Avenue, Hunter Boulevard, & Rhode Island/Washington Boulevard intersection.

3. **Sinkhole at Scammell Drive (ARH #32-06009): - No Status Change**

A pre-construction meeting for this project was held on February 11, 2015. The Notice to Proceed is tentatively scheduled for March 31, 2015. Once the Contractor is able to begin, they anticipate work being completed within a month.

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

The design has been submitted to Public Works on February 13, 2015 in order for Township forces to progress with the repairs to the roadway drainage. This is currently under construction by Public Works.

5. **Pending Items: -No Status Change**

a. **NJDOT FY2015 Local Aid Applications (30-04018):**

Our office worked with Administration to completed and submit the following application to NJDOT (which is typically announced in late spring):

- o Municipal Aid – Sepulga Drive  
Amount requested: \$250,000.00

## **DAMS:**

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

Dam #3 – The remaining work at this dam includes top course paving along with a minor punch list, but these items will be addressed when the weather becomes more favorable for paving activities. Our office is currently awaiting survey notes from the contractor to assist in the design of a flat asphalt area behind the guide rail; NJDEP is amenable with this modification.

Dam #2 – The cold weather continues to been a factor; however all concrete work at dam #2 should be complete by April. The remainder of the work at Dam #2 will be taking place in April. The project completion date is still anticipated in May.

Dam #1 – Grouting of the rip-rap within the coming weeks. This effort has been delayed due to the cold weather. JCP&L is in the process of setting new poles in anticipation of power and phone line transfer work which is anticipated for the spring.

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

The Contractor returned onsite February 17, 2015 to complete the punch list items. Our office is working with Burlington County for final acceptance and once this occurs the project can be closed out with the Contractor. Once the project is closed out our office can begin working with FEMA to provide the funding closeout information.

3. **Pending Items:**

a. **Formal Inspection of Mirror Lake Dam (ARH #32-01005):**

The formal inspection report has been submitted to NJDEP and we are awaiting their review and comment. Our office has been authorized to complete the regular dam inspection for 2015, which is due in July to Dam Safety.

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.

**PARKS & RECREATION:**

1. **Mirror Lake Beach Fencing (ARH #32-01015): - No Status Change**

Phase 1:

The chain link fence along the beach side of North Lakeshore Drive has been replaced. The Contractor has completed all fence removal along the other side of North Lakeshore Drive and will begin the wooden "guide rail" style fence installation shortly. The Contractor will install the vinyl split rail fence around the new playground once temperatures warm up to ensure the vinyl split rail fence does not break during installation.

Phase 2:

The Contractor was waiting for the playground to be finalized prior to installing the privacy fencing. The Contractor is also waiting for warmer temperatures to ensure the vinyl fence does not break during installation.

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 currently addressing.

*Currently*, we are working with Baker Residential to get the required easements filed with the County which was a requirement of the development's County site plan approval. Once this occurs we can move forward with resubmitting the County Access plan addressing the conditions noted above. The deeds have been prepared, but they have not been submitted to our office for review and submission to the County.

3. **Resurfacing of Various Recreation Courts (ARH #32-01042): - No Status Change**

This project has been completed. 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 shortly.

**WATER SYSTEM:**

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

The formal funding application has been submitted to NJEIT on schedule. The next set of items to complete are the acquisition of previously submitted permits and await the authorization to award from NJDEP/NJEIT in the fall of 2015.

**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 paperwork and reporting to NJDEP to finalize the underground storage tank removal. We are awaiting NJDEP final concurrence.

2. **Senior Center Fire Suppression (ARH #32-01046):**

The project is in the design phase and the contractor is currently applying for the construction permits. The installation is estimated to start in three (3) weeks and is estimated to take one (1) to two (2) months to complete.

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