

# ENGINEER'S REPORT

for



Report Date: April 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. **East Lakeshore Drive (ARH #32-04022):**  
The change order has been submitted to the Township for final closeout approval. Once approved the closeout documentation for NJDOT funding will be compiled and submitted.
2. **2015 Road Program (ARH #32-04024):**  
Our office has proceeded 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. Public Works will be constructing the roadway upgrades.
3. **Sinkhole at Scammell Drive (ARH #32-06009):**  
Our office has begun receiving shop drawings from the contractor and it is estimated the contractor will be mobilized onsite within three (3) weeks.
4. **Noteboom Avenue Drainage (ARH #32-06010):**  
The design has been submitted to Public Works on February 13, 2015. Public Works is finalizing the installation of this repair.
5. **Pending Items: No Status Change**
  - a. **NJDOT FY2015 Local Aid Applications (30-04018):**  
Our office worked with Administration to complete and submit the following application to NJDOT (awards are 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 which is in the process of being scheduled. 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 project completion date is still anticipated in May provided JCP&L meets their schedule.

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. The project completion date is anticipated to be completed in by the end of the year.

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

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. The next regular visual inspection is due May 2016.

**PARKS & RECREATION:**

1. **Mirror Lake Beach Fencing (ARH #32-01015):**

Our office will be completing a proposed sketch of fencing layout to be submitted to the Township within the next two (2) weeks for approval. Once this is accepted the contractor will mobilize to complete the remaining work for phases 1 & 2.

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 consistently 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 consistent warmer temperatures to ensure the vinyl fence does not break during installation.

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 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. 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. We will be meeting with the County Engineer again after the additional information is provided to their office.

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

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 within the coming weeks as weather improves.

**WATER SYSTEM:**

1. **Well #11 Radium Removal (ARH #32-03019): No Status Change**

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 one (1) week and is estimated to take one (1) to two (2) months to complete.

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