

Township of Waterford



**Environmental Resolutions, Inc.
Township Engineer**



**Township Engineer's Report
September 8, 2025**

CAPITAL ITEMS

1. NJDOT FY2023 Local Aid Grant Applications

An NJDOT FY2023 Local Aid grant in the amount of \$226,280 for the reconstruction of Stevens Avenue (White Horse Pike to Vineyard Road) and Church Street (Atco Avenue to Bartram Avenue) was received by the Township.

Construction started in April 2025 with the concrete curb, sidewalk and driveway apron replacement; drainage improvements and associated work being complete; and the roads were both top paved on May 2, 2025.

The punch list has been substantially completed. We have prepared a final pay estimate and change order for the Governing Body's consideration. Once approved, we will complete appropriate documentation so that the Township can receive the balance of the grant funds.

2. NJDOT FY2024 Local Aid Grant Applications

The Township received an NJDOT FY2024 Local Aid grant the amount of \$178,764.00 for the reconstruction of Pamela Court and Sesame Street. The Governing Body approved our proposal to provide the requisite engineering and construction management, and construction inspection (CMCI) services.

The plans and specifications have been completed and were submitted to NJDOT Local Aid for PS&E review. The project will be advertised for bid during the coming week for a bid date of October 2, 2025 at 2pm at the municipal building so that the contract can potentially be awarded at the October 8, 2025 Governing Body Meeting.

3. NJDOT FY2025 Local Aid Grant Applications

The Township was awarded an NJDOT FY2025 Local Aid Grant in the amount of \$146,946.00 for the reconstruction of Albert Court and Susan Court. The Governing Body approved our proposal

to perform the requisite engineering design and construction management and construction inspection (CMCI) services at the July Township Committee Meeting. The project is currently in the queue with our survey department and the survey / base plan should be expected to be completed within the near future.

4. Clifford Avenue Drainage Remediation Project

We completed the design for mitigation of the historic drainage issues within the project limits that included the implementation of polyethylene storm chambers and a small-scale infiltration basin to provide additional necessary storage for stormwater runoff during rain events. We provided a recommendation for rejection of the bids that were received and opened on November 30, 2023, because the bid prices exceeded the project budget.

We also evaluated Camden County's existing drainage infrastructure along Jackson Road and determined that a pumping station discharging into Jackson Road does not appear to be feasible from a design standpoint without upgrading a significant portion of the County's stormwater infrastructure which was constructed in the 1970s.

A meeting was held with the affected residents on February 18, 2025 to attempt to gain final acceptance of the physical locations of the stormwater basins. Consensus regarding the locations and sizes of the basins could not be reached. Since the time of that meeting, the residents of the two (2) properties that front the east side of 6th Street at its intersection with Clifford Avenue have requested that a basin be constructed on their properties. We met with those residents on June 11, 2025 to finalize the location of the basin. We will provide a proposal for the necessary design work for the Governing Body's consideration in the near future.

5. Reconstruction of Various Township Roadway Intersections

Construction started on November 7, 2024 with the resurfacing of the police department parking lot. The Contractor subsequently completed the resurfacing of several of the intersections / roads, and drainage improvements within the project scope and has completed approximately 60 percent of the project to date.

We have reached out to the Contractor on a weekly basis to attempt to determine their schedule to finish the project and have not been provided a firm date. Solicitor Patterson issued a letter to the Contractor indicating that if they have not remobilized to the site by August 25, 2025 that the Township may consider appropriate measures to have the project completed in a timely fashion. The Contractor still has not remobilized to the site and the Solicitor has notified the Contractor and the bonding company that liquidated damages are being assessed and that a call of the performance bond is being considered.

The project can be expected to take approximately 4-6 weeks to complete if and when the Contractor remobilizes.

6. Intersection of Raritan and Bartram Avenues

We met on-site with Atlantic City Electric to review and finalize the location of the two (2) poles that need to be relocated. We prepared an amended ACE Utility pole relocation application on

behalf of Camden County Department of Public Works who submitted the application to Atlantic City Electric.

7. Waterford Recreation Complex Pickleball / Hockey Courts

The project is partially funded by a \$75,000.00 2024 NJDCA Local Recreation Improvement Grant (LRIG) and also a Camden County Open Space Grant in the amount of \$25,000.00. The scope of the project included construction of new regulation size (180' x 75') hockey rink and two (2) new pickleball courts. The Contractor is Shore Top Construction, Inc.

Construction is substantially complete, with final details being completed on the courts as well as punch list items to complete. We are currently preparing the final pay estimate and change order so that the Shore Top contract can be closed out.

The lighting poles for the pickleball court have been delivered to the site for the court lighting contract being performed separately by Musco. The new poles for the hockey court are expected to be delivered approximately the first week in October. Musco's electrical subcontractor, Bott Electric, will be starting the electrical work during the Week of September 8, 2025.

8. Pump Station #4

In 2024 The Township was approved for the requested USDA Rural Development loan for the rehabilitation of Pump Station #4.

The Treatment Works Approval (TWA) application was sent to NJDEP in mid-March TWA approval was received in late July 2025. The construction plans have been approved by USDA RD and we are currently making final revisions to the specifications to address the review comments previously received from USDA RD. We anticipate advertising the project for bid before the end of September 2025. The project remains on schedule consistent with the terms of the USDA Loan Letter of Commitment.

9. 2023 Camden County Community Block Development Grant (CDBG) Year 45 Application

The Township received a Camden County CDBG Grant in the amount of \$47,925.00 to install an LED building identification / message sign in front of the building; a new sound system; bingo boards, LED TV monitors; device charging stations and associated electrical work for the interior of the building.

The Township is proceeding with purchasing the audio / visual equipment directly and will install the equipment "in-house". The large screen HDTVs and device charging station have already been purchased. The bingo boards were also purchased last week. Public Works will also install conduit between the building and the location of the LED Board. The purchase of the LED Board was included in the 2025 CDBG application that was submitted in early March.

10. 2024 Camden County Community Block Development Grant (CDBG) Year 46 Application

The Township was awarded a Camden County CDBG Grant in the amount of \$60,750.00 to rehabilitate the remaining two (2) bathrooms at the Atco Senior Center that were not refurbished in conjunction with the 2022 grant as well as installation of a new laminate vinyl tile floor for the main

hall of the building, installation of a chair rail at the rear of the building as well as miscellaneous painting.

We will work with Public Works to develop a scope of work so that quotes / bids can be solicited in the coming months to complete the work.

11. 2025 Camden County Community Block Development Grant (CDBG) Year 47 Application

We submitted a 2025 CDBG Grant application to Camden County Improvement Authority on March 3, 2025. The application was for the installation of a fob key entry system, the installation of a security camera system for the building and the purchase and installation of an LED changeable copy sign for the front of the building. We will apprise the Governing Body of the status of the application as we receive any further information. Grant awards for the CDBG program are typically announced in October or November of the year in which they are applied for.

12. 2025 NJDCA Local Recreation Improvement Grant - Ritter Field – Conversion of Basketball to Pickleball

ERI prepared a preliminary estimate of expected costs for the Township to convert the existing basketball court at the Ritter Complex to three (3) pickleball courts. The cost estimate is approximately \$110,000.00. The Township recently received a letter indicating that \$85,000.00 has been awarded for the project. Our office will provide a proposal for engineering design and CMCI services in the near future so that the project can move forward.

13. Water System – Colgate Road Interconnection

We met at the site with the Utilities Department and Complete Controls (the Township's SCADA operator) to evaluate the existing interconnection and develop a scope of work to automate the operation of the valves and make other necessary improvements so that the interconnection can be operated efficiently during an emergency situation.

Bids were received and opened on August 7, 2025, with the apparent low bidder being Neri Construction and Rentals, Inc. with a bid price of \$260,795.00. The Governing Body awarded the contract to Neri Construction at the August 13, 2025 Committee Meeting. We have prepared the contracts and sent them to Neri for signature, and once received back we will forward to the Township for execution. A preconstruction meeting will be scheduled in the near future. Construction can be anticipated to be completed in the late fall / winter months.

14. Stormwater Infrastructure Mapping

The mapping is being funded by the \$25,000.00 NJDEP Existing Tier A Municipality Stormwater Grant that the Township received in 2023. Our survey department has completed the field work to physically locate all of the infrastructure using GIS collection methods. We met with Superintendent Renzulli on September 4, 2025 to go over the mapping data and get clarification on the questions that our office had with regard to the data. We are revising the map accordingly, and it will be submitted to NJDEP for their review and final approval within the coming weeks. The project will be completed well before the December 31, 2025 deadline and will allow the Township to receive the remaining \$10,000.00 in grant monies.

15. Gibbons Court Stormwater Basin Rehabilitation

On March 4, 2025 we visited the existing stormwater management basin at Gibbons Court with Superintendent Renzulli in order to determine a scope of work to perform necessary maintenance / rehabilitation of the basins. We provided a proposal dated April 3, 2025 to provide the necessary engineering design and CMCI services. It is preliminarily anticipated that the cost of the improvements will exceed the quote threshold.

16. Atco Avenue / Raritan Avenue Parking Lot Topographic Survey

The Governing Body authorized ERI to perform a topographic / outbound survey of the Township owned parking lot at the southwest corner of Atco and Raritan Avenues. Deed research was completed by our office with the support of the Township Solicitor. The field work was completed by our office during the week of May 5, 2025. The survey plan has been completed.

Our office provided a proposal for the Governing Body's consideration dated July 1, 2025 to provide engineering design and construction management & construction inspection services for the resurfacing of the lot in addition to the resurfacing of the municipal building parking lot. We will start the preparation of the construction plans and specifications to solicit bids once the proposal is approved.

17. Conifer Subdivision – Haines Blvd.

Construction of the various site improvements (utilities, roads, etc.) begun during February, 2024. Our office continues to provide construction inspection services on the project as necessary.

18. Bellevue Court Improvements

A preconstruction meeting was held between our office, the developer / owner and Township officials on November 14, 2024. The project scope includes various site improvements such as lighting; concrete sidewalks and driveways; landscaping; and the construction of new recreation area.

The Contractor began site clearing, including maintenance of the existing stormwater basin during the Week of February 3, 2025. The construction of the approved site improvements is ongoing. Our office is providing inspection of the site improvements as necessary. The developer has indicated that they anticipate the milling and resurfacing of Bellevue Court to be completed approximately during the Week of September 15, 2025.

19. Phase 1 Environmental Assessment – Tax Map Block 2311 (former Modern Way Property)

The Governing Body authorized ERI to perform a Phase 1 Environmental Assessment of the Township owned properties within Block 2311 (Lots 1-8 & 11). The requisite field work was completed by our staff Licensed Site Remediation Professional (LSRP) during the Week of September 9, 2024. The report has been completed and submitted to the Township for its review / records.

20. Phase 1 Environmental Assessment – Tax Map Block 201, Lot 12 (235 Jackson Road)

The Governing Body authorized ERI to perform a Phase 1 Environmental Assessment of the subject site. The requisite field work was completed by our staff LSRP during the Week of September 30, 2024. The report has been completed and submitted to the Township for its review / records.

During the Week of December 2, 2024 our office proceeded with the necessary environmental sampling and ground penetrating radar (GPR) survey that was recommended in the Phase 1 Report. We are currently working with the Township to have the existing soil stockpile removed and disposed of by a qualified hauler and will provide whatever soil sampling is required by the entity where the soil will be disposed.

21. Thomas Richards Dugouts

Our office prepared construction plans for the two (2) new masonry dugouts for the existing baseball field (the field at the southwestern corner of the complex) at Thomas Richards. The Township received a 2024 Camden County Parks Grant in the amount of \$25,000.00 as a partial funding source for the project. It is our understanding that the project will be constructed using volunteer labor and that the plans we prepared will be used for appropriate permitting and construction purposes.

22. PNK Warehouse

A preconstruction meeting was held at the municipal building on July 30, 2025. Copies of the signed plans were submitted by the developer to the Planning Board Secretary and distributed to appropriate parties. The developer has mobilized to the site and is currently working on clearing and grading measures. Our office is providing construction inspection services as necessary.

23. Municipal Building Parking Lot

Our office, at the direction of the Township, will be soliciting quotes to perform the milling and resurfacing and associated work of the municipal building parking lot. A RFQ will be sent out to qualified contractors within the coming week or two. If the quote(s) received are below the bid threshold we will make a recommendation for award of contract after quotes are received.