Beach Replenishment:

**Note:** The Beach Replenishment schedule has changed significantly since the last project update – see below for details...

On November 21, the Army Corps of Engineers issued the formal notice to proceed to Great Lakes Dredge and Dock Company for beach replenishment of Ludlam Island (encompassing the entire shorefront of Strathmere and Sea Isle City), and the southern end of Ocean City. The project involves a base bid of 4.2 million cubic yards of sand, of which 2.6 million cubic yards are designated for Ludlam Island. The project also has options for additional sand, if needed, along with reconstruction of the City’s existing storm drain outfall pipes at 82nd and 86th streets. The total base bid cost of the project is $57,609,737. The cost of the storm drain reconstruction is $185,620 (the outfall extensions beyond the new beach are included with the base bid). At the project’s conclusion, the beaches will be approximately 200 to 300 feet wider at high tide in Sea Isle. Significantly, this project places Sea Isle City into the Army Corps of Engineers’ 50 year program for beach replenishment. Throughout the next half century, our beaches will be monitored and evaluated annually, and the island will be replenished periodically as needed. Sea Isle’s inclusion in this program will enhance the long term viability of critical shore protection provided by a healthy beach, with the additional benefit of increased recreational space. The project is a partnership of the United States government, represented by the Army Corps of Engineers; the State of New Jersey, represented by the Department of Environmental Protection; and the Cities of Sea Isle City, Upper Township, and Ocean City. The initial construction project is 100% federally funded (with the exception of the aforementioned outfall reconstruction work), with future projects to be cost shared between the federal, state, and local governments. In addition to widened beaches, the project includes dune construction, hard packed gravel access paths over each dune, a new stair entrance at the 12th Street beach, and the storm drain improvements to the beach outfalls at 82nd and 86th Streets.

Great Lakes is currently continuing with mobilization of equipment and materials onto Ludlam Island. Access to the beach of equipment and materials is taking place at 29th and 57th Street in Sea Isle. Once mobilization is complete, the 57th Street beach will no longer be used as a staging area. Mobilization is expected to be complete within the next two weeks. Submerged pipeline installation along with a pipe landing on the beach in Strathmere has been completed, and a booster pump has been placed offshore. Pre-construction beach surveys are in progress.

The dredge *Illinois* is now expected to arrive around the end of April. Arrival of the *Illinois* has been delayed, as required repairs to the dredge in the shipyard in Norfolk, VA, have taken longer than originally anticipated. Beachfill operations on Ludlam Island are now expected to commence at the end of April or early May in Strathmere. The most recent surveys have revealed that there is a significant increase in the amount of sand required to replenish the northernmost Strathmere beaches. This, coupled with Great Lakes anticipated plan of operations for the entire project, has resulted in an expected later start in sand pumping operations within Sea Isle City. Great Lakes has not yet provided a formal update of their schedule to the Army Corps of Engineers, however, based on the latest information received by the City, and reviewed with Army Corps, NJDEP, and Great Lakes representatives this morning, the following is the anticipated schedule of activities in Sea Isle:
--Pump sand onto north end beaches (between 1st and 30th Street) in the July/August timeframe.

--Pump sand onto north-central beaches (between 30th and 52nd Street) in the August/September timeframe.

--Pump sand onto south-central beaches (between 52nd and 69th Street) in the August/September timeframe.

--Pump sand onto south end beaches (between 69th Street and southern terminus beyond 93rd Street) in the September/October timeframe.

The contractor should generally be able to complete about one block of beach each day (Sea Isle’s blocks are about 280-feet long), and as the project proceeds, the beaches will be opened as the work is completed. Only the work area where sand filling is taking place will be closed (no more than 1,000-feet at any one time). Beaches on each side of the sand filling operation will be open during the course of the project.

Please be aware that the schedule is very dependent on sea conditions and the mechanical operations of the overall dredge plant. Rough seas will require temporary shutdown of operations; and there is a significant amount of large scale mechanical equipment involved with the process that requires considerable maintenance. We will update the above schedule as we receive information and as the project progresses.

The City has provided a specific tab on the municipal website with information on the beach replenishment project, which will be updated as the project progresses. To view the information, go to the home page of Sea Isle’s municipal website and click the “Beach Fill Info” tab. As the City receives additional information, we will provide updates on the project, and we will disseminate the information throughout the community. The City is committed to ensuring that timely and accurate information is provided during the course of the entire project.

**New City Hall/Public Safety Building on JFK Boulevard:**

During Super Storm Sandy, both the City Hall and Public Safety facilities were flooded. Damages to each facility were such that, to restore them to pre-storm conditions, would involve the expenditure of significant funds and would still not address existing deficiencies in those buildings. Due to the extent of flooding damages to City Hall and the Public Safety Building, all staff and operations in those facilities were relocated to the former public school building at 4501 Park Road.

Following several planning sessions and public discussions, the Administration was authorized to proceed with design of a new municipal facility. It was determined that the best location for the functions previously operated out of the former City Hall, along with the Municipal Court, Construction Office, Police Department and Volunteer Fire Department operations, would be a consolidated municipal facility on JFK Boulevard, built to the most current building codes and flood standards.
On January 7, 2014, City Council authorized award of a construction contract for the New City Hall to Hessert Construction, of Marlton, NJ, in the amount of $11,774,000. The project has been proceeding according to schedule thus far, and there are several trade sub-contractors now working concurrently on the project along with the general contractor, with the following work completed or in progress:

---Drywall throughout the building is complete.
---Site work has begun, with water and sewer connections on the street side complete.
---Electrical transformer pad and underground conduit is substantially complete.
---A.C. Electric has installed electric power to the transformer.
---Brick masonry is progressing, with substantial completion expected within the next two weeks.
---Fiberglass architectural panel installation is in progress, and expected to be completed within the next two weeks.
---Sally port construction continues to advance.
---Elevator installation is in progress, with final installation expected within the next three weeks.
---Concrete tile in all bathroom and locker areas is complete.
---Ceiling grid throughout the building is complete.
---Plumbing fixture installation is in progress.
---Painting of the main building walls has been substantially completed; with the firehouse, miscellaneous areas, and touch up remaining.
---Firehouse overhead doors are complete and operational.
---Finish electric, including light fixtures, exit signs, outlets and switches is progressing.
---CAT6 data, telephone and security lines have been installed throughout the building and are ready for termination.
---Security system components and hardware installation is in progress.
---Concrete entrance stairs have been poured.
---Fire protection system sprinkler heads and supply lines are completed.
---Interior office and corridor glass installation is substantially complete.
---Concrete block walls within firehouse restoration area are complete.
---Interior woodwork and cabinet installation is in progress.
---Roof top heating and cooling units are scheduled for installation within the next two weeks.

Substantial completion of the building is scheduled for June, 2015. The photos below were taken on April 14…
Stormwater Drainage Repairs:

Perna Construction is currently performing various stormwater system repairs in Sea Isle City on behalf of the County. The work mainly involves repairing stormwater catch basins or manholes that are in a state of disrepair.

Sewer and Road Reconstruction on Central Avenue (49th to 69th Street):

NO CHANGE FROM PREVIOUS UPDATE - The project has been contracted to the firm of Lewandowski Construction Industries, Inc., of Waterford, NJ. The contractor has completed final paving from 49th to 69th Street, along with traffic striping and marking. The contractor has substantially completed the project, and the City is in the process of closing out the contract.

The project provides for an upgraded sewer system and new road surface for the entire one mile stretch of roadway. This section of sewer has been problematic for years, with continuous maintenance issues. This project not only provides for appropriate sewage infrastructure, it assists in decreasing the amount of ground water sent to the county sewage treatment plant, thus saving in unnecessary costs associated with the treatment of “infiltration” water.

Inflow and Infiltration (I & I) Remediation:

NO CHANGE FROM PREVIOUS UPDATE - The firm of Video Pipe Services, Inc. of Newfield, NJ, has substantially completed the project, and is in the process of working with the City Engineer to close-out the project. The need for this project was identified over the past several years through a comprehensive investigation and analysis of the City’s sewer system. Sewer systems are prone to both inflow (overland water entering the sewer system through manhole covers and other surface openings in the system) and infiltration (entry of groundwater into pipelines through cracks, deteriorated pipe and pipe joints). The effects of I & I are symptoms of deterioration of the sewer system that must be corrected to avoid more problematic maintenance issues and potential failure of the sewer system. I & I are also costly, in that the
City must pay for the unnecessary treatment of water that enters the sanitary sewer system. This is the first phase of a multi-year citywide sewer maintenance and improvement project that will ensure the continued viability of the City’s vital sewer infrastructure. The next phase of I & I work will involve replacement of sewer lines that cannot be substantially corrected through internal, “no-dig” repairs, as were performed in this phase. As those projects are engineered and prepared for bidding and construction, we will provide updates on the specific details of the projects.

Road Reconstruction, Various Streets (fall 2014 construction):

This project includes road reconstruction and placement of new asphalt on several streets, which were previously part of a utility (water and sewer) reconstruction program. At the May 17 Council meeting, City Council authorized award of a construction contract to Landberg Construction, Inc., of Mays Landing, NJ, in the amount of $458,283.97. The Contractor has completed paving 50th, 51st, 85th Street, Pleasure Ave, 69th St, 70th St, Park Road, and 43rd Place. The punch list items are currently being addressed and due to some imperfections in original paving; 50th Street has now been resurfaced. The following streets are included:

1. 43rd Place, Park Road west to the street end
2. Park Road, 42nd Street to 43rd Place
3. 50th Street, Landis to Central
4. 51st Street, Landis to Central
5. 69th Street, Central Avenue west to the street end
6. 70th Street, Central Avenue west to the street end
7. 85th Street, Landis to beach end
8. Pleasure Avenue, 85th to 86th Street

Concrete & Paving Work - Various Streets:

NO CHANGE FROM PREVIOUS UPDATE - This project includes road reconstruction and placement of new asphalt on several streets. At the September 24, 2014 Council meeting, City Council authorized award of a construction contract to A. E. Stone, Inc. of Egg Harbor Township, NJ in the amount of $259,000. The following streets are included:

45th Street, Landis to the Promenade
77th Street, Landis to Central
61st Street, Landis to Freda Place
Freda Place, 61st Street to 60th Street

Concrete work has been completed on all the project streets. Reconstruction of the road surfaces has also been recently completed. The project now enters the punch list phase.

Water Well and Well House Construction at 50th Street:

The well and well house construction was performed by B&H Contracting, Inc., of Folsom, NJ, and is substantially completed. Site work including stone paving, asphalt paving, and fence reinstallation is substantially complete. Landscaping items are being completed. This well
facility provides the capability to deliver approximately one million gallons of water each day to City residents and helps to ensure the viability of our critical water infrastructure now and into the future.

**Well Improvements at 80th Street:**

On October 22, 2014, City Council awarded a contract for improvements to wells #5 & #6, located at 80th Street, to Clyde N. Lattimer & Sons, Construction Company, of Berlin, New Jersey, in the amount of $514,400. The project involves work to the site as required by the New Jersey Department of Environmental Protection to bring the site up to recent standards. The project will be completed by May of 2015. Electricians are installing new wiring and service equipment. The excavation, foundation work, and installation of the new chlorine contact tank is now complete. Underground water handling pipe is completed. Sidewalks disturbed during installation of underground electrical conduits have been restored. The photos below show the new tank being installed on April 9…

![New tank being installed](image1)

**Utility Construction (Various Streets):**

On November 26, 2013, City Council awarded a construction contract for utility work on several streets, involving sewer and water line replacements, to RTW Construction, Inc., of Southampton, N.J., in the amount of $506,512.07. The following is the entire list of streets slated for utility work under this project:

- 44th Street, Landis to Promenade
- 45th Street, Landis to Promenade
- 46th Street, Landis to Promenade
- 56th Street, Landis to Promenade
- 77th Street, Landis to Central

The contractor has finished all streets and we are now in the punch list phase of the project.
47th Place Bulkhead at Rio Delle Ponte, North & South Sides:

This past spring, City Council authorized award of a contract for construction of bulkheads at the north and south sides of 47th Place, at the Rio Delle Ponte Lagoon, to Marine Maintenance and Construction (MMC), of Clayton, New Jersey, in the amount of $275,387.20. The bulkhead has been completed with only a few punch list items remaining to be addressed. The street is now open in both directions.

46th Place Bulkhead at Rio Delle Ponte, South Side:

This past summer, City Council authorized award of a contract for construction of the south side bulkhead at 46th Place, at the Rio Delle Ponte Lagoon, to Channel Marine Construction of Clermont, New Jersey, in the amount of $166,555. The bulkhead work is complete, along with sidewalk reconstruction. The street is now open in both directions.

39th Street Sewer Repair:

NO CHANGE FROM PREVIOUS UPDATE - Phase 1: An emergency contract was awarded to Garden State General Construction in the amount of $26,100 for repair to the sewer main in the 200 block of 39th Street. Work to repair the defect is completed. Phase 2: After further issues were discovered with the sanitary sewer in the 200 block of 39th Street, a portion of sanitary main was replaced in this block. The trench was recently restored.

Sea Isle Boulevard:

The Cape May County Board of Chosen Freeholders, at their May 13, 2014 meeting, awarded a $12.7 million contract to South State, Inc. for the Sea Isle Boulevard Improvement project that will raise the roadway by approximately 4.5 feet and otherwise reconstruct Sea Isle Boulevard. Traffic has been diverted to the south side of the boulevard; and the contractor is in the process of hauling fill material to the site. This work also includes the ramp to the northbound Garden State Parkway. Installation of the new steel sheet piling along Sunks Creek has been completed. Fill is currently being hauled to the Sea Isle Boulevard at the rate of approximately 1,200 cubic yards a day when weather conditions permit. The Contractor is placing and compacting the fill in 300-foot long sections. The placement of fill started at the bridge over Ludlam Thorofare and is proceeding westward. The average height of fill is 6.5 feet, which is 2 feet higher than the eventual height of the completed roadway. The additional 2 feet, which will be removed prior to the next construction phase, is surcharge to compress the underlying layers of soil. The goal is to obtain as much settlement as possible prior to paving on top of the new fill. The fill is being mined from a pit in the Swainton section of Middle Township, NJ. The fill portion of the project is expected to be complete in about two weeks. Once this initial phase of fill placement is completed, the project will be dormant except for some maintenance activities such as cleaning accumulating sand in the diversionary roadway, and taking measurements to determine the amount of settlement that is occurring.

Motorists are advised to be aware of the revised traffic patterns in the construction zone and the reduced speed limit.
Townsend's Inlet Bridge:

The TI Bridge has been closed since January 12. The contractor (Mugrose Construction) has been preparing the span this week for rack replacement. This replacement of the main racks that allows the movable span to open and close will begin next week. The movable span is to be locked in the raised position sometime during the week of April 6. The toll house span sidewalks and railings are currently being replaced. Other structural steel repairs and electrical improvements are being performed concurrently. The bridge is scheduled to be re-opened to traffic by mid May of 2015.

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