



## **New Jersey Projects Supported by Senators Booker and Menendez**

### **Capital Health System– \$925,000 – Capital Health Family Health Center**

Capital Health is seeking to make repairs and upgrade the Capital Health Family Health Center including internal and external projects. The project would create a more welcoming environment for mothers and families.

### **Union City – CCTV for a Safer Union City - \$1,100,000**

The City of Union City hopes to procure funding for a new closed-circuit television (CCTV) system to be installed in New York Street Park and 33rd Street Water Park, as well as general upgrades to the City's existing CCTV. There is currently no CCTV at New York Street Park and 33rd Street Water Park, which are popular open spaces in our City. It is critical that CCTV is available, active, and well-functioning across the City, and even more so in areas where children and minors are likely to frequent, such as around parks and schools. The current cameras in these corridors were developed and implemented in 2012, but there are serious concerns regarding the quality of the system.

### **University of Medicine & Dentistry of New Jersey – Trauma Operating Room at University Hospital - \$3,870,000**

Funding will be used to build University Hospital's Trauma Operating Room and adjacent holding bays for recovery prior to transfer to the intensive care unit. The primary goal of this project is to improve health outcomes by controlling bleeding within the "golden hour" of a life threatening injury occurring - which is challenging, given the time it takes EMS to be called and arrive on scene, assess the patient and transport them to the hospital. The most skilled trauma teams struggle to get a patient to the operating room within the critical golden hour.

### **Deborah Heart and Lung – Cardiac MRI Machine - \$1,000,000**

The funding will be used to acquire a Cardiac MRI machine that uses strong radio wave magnets to create detailed pictures of the heart without using radiation. It is a painless test with no harmful side effects. Deborah has the highest Case Mix Index in NJ, meaning it treats the most complex cases in the region. By using Cardiac MRI, Deborah's medical staff will further improve the clinical care of patients. The MRI shows the heart's structure and how well blood flows through the heart and major vessels. An MRI of the heart lets the cardiologist see if the heart is damaged from a heart attack, or if there is lack of blood flow to the heart muscle because of narrowed or blocked arteries.

### **City of Hackensack – Clay Street Combined Sewer Separation Project - \$1,000,000**

The City's old, overburdened Combined Sewer System (CSS) and tidal influence of the Hackensack River lead to frequent Combined Sewer Overflows (CSOs) and severe localized flooding in public right of ways during wet weather events, also known as CSS surcharging. The City is requesting funding for the installation of stormwater infrastructure that will facilitate CSS separation efforts. It is important to recognize that a CSS contains both collected stormwater runoff and sewage from the throughout the City, so when the system backs up and floods the public streets or overflows into the Hackensack River it is extremely detrimental to public health and the environment.

### **Township of Woodbridge – Cypress Park - \$1,000,000**

The funding will be used to improve and transform underutilized land to construct a new recreational park that will feature amenities such as two soccer fields, two street hockey courts, a spray park, a playground with areas for children ages 2-5 as well as an area for children 5-12 years old, and a restroom building with changing areas. This new facility will be designed in total compliance with ADA standards and builds upon other recent investments by Woodbridge Township in the area designed for the special needs community that include level-playing fields and other universal access recreational equipment and facilities.

### **Township of North Bergen – Municipal Traffic Calming Program - \$488,000**

Many North Bergen schools are located along busy roadways that lack adequate traffic calming measures. Due to the Township's high population density and abundance of public schools, many have the ability to walk to and from school, but these high traffic areas pose a threat to pedestrians. Over the last 3 years, there were over 200 injuries and 6 fatalities from pedestrian-related incidents. This poses an imminent public safety threat and furthers the need for permanent calming measures. This project will

introduce new speed tables and rapid flashing beacons concentrated around 6 local schools, to slow vehicle traffic and improve pedestrian safety for students, teachers, and pedestrians.

#### **City of Passaic – Pedestrian Greenway Project - \$883,000**

Funding will be used for design and construction costs to develop a multi-use pedestrian greenway that supports bicycle and pedestrian activities along with other non-motorized alternatives. Additionally, this funding will support the installation of green infrastructure such as stormwater retention basins and rain gardens. Once completed, the proposed improvements will help complete a contiguous walkable loop that surrounds the City's historic waterfront, making it accessible to residents and visitors of all abilities.

#### **Hudson County Community College – North Hudson Campus Technology Advance – \$980,000**

Funding will be used to equip and staff seven classrooms on HCCC's North Hudson Campus (NHC) with Immersive Telepresence Video (ITV) synchronous learning classroom technology systems. This system will connect remote students to in-class learning from home or across classrooms, and campuses and improve the educational experience by reducing student travel and keeping students on their home campuses. ITV will allow HCCC to increase the number of certificates and degrees offered fully at the NHC and reduce the class cancellation rate.

#### **Union County – Law Enforcement Interoperable Communications Upgrade - \$1,270,000**

The project involves the purchase of equipment to establish a new radio site to enhance interoperable communications coverage for law enforcement in the western portion of Union County and to make equipment upgrades to the existing three radio sites to enhance overall performance of the expanded network. Importantly, the project would increase coverage in New Providence, Berkeley Heights, and Summit, communities where there are gaps in coverage and capacity limitations in the existing network. The project will increase coverage on the NJ Interoperability Communications System used by 84% of law enforcement agencies in the county. The additional radio site will improve interoperability not only across police agencies, but among the public safety disciplines that serve Union County. It is critical to the safe operation of police services that officers from various jurisdictions be able to communicate real time to promote officer awareness and safety. The project is an excellent use of taxpayer funds because by augmenting our coverage footprint public safety will improve. Upgrades to the existing 3 radio sites will also enhance performance in communities across the entire network.

**Borough of North Caldwell, Hazard Mitigation Improvements in North Caldwell - \$300,000**

The proposed project will include risk reduction activities which were identified as priority Mitigation Initiatives for the Borough of North Caldwell in the 2020-2025 Essex County All Hazard Mitigation Plan (ECHMP). Local priorities include water tower infrastructure security, telecommunications improvements, and the installation of a generator immediately adjacent to the Skyline Drive water tower for backup power to the water system. As a municipality with a quickly growing population in the most populous metropolitan area of the United States, it is critical that North Caldwell implements the proposed risk reduction projects to build a more sustainable and disaster-resilient community. The proposed project will benefit not only the Borough of North Caldwell, but also the twelve other Essex County municipalities involved in this ongoing multi-jurisdictional hazard mitigation planning. The initiatives to be implemented by the Borough are part of a continued, collaborative, and comprehensive effort to keep those who live and work in Essex County safe and prepared in the event of an emergency. The proposed project will specifically prepare North Caldwell for a variety of disasters, including severe winter weather, utility interruption, floods, extreme temperature, coastal storms, and coastal erosion and sea level rise.

**YWCA Northern New Jersey, Women's Support Network - \$500,000**

YWCA Northern New Jersey (YWCANNJ) seeks funding for their comprehensive workforce development programs aimed at women in the counties of Essex, Hudson, Bergen, Morris and Passaic who are experiencing COVID-19-related unemployment. The Women's Workforce Development Program will advance economic empowerment for women through 3 primary outcomes: 1) Business start-up will be attainable for women, especially BIPOC women; 2) Professional development/certification will enable lower-wage women to be promoted; 3) A more supportive business environment will be created in Bergen County.

**AtlantiCare Health Services Mission Health – Mission Health Center Dental Practice - \$1,000,000**

This funding will be used to construct a new dental practice primarily aimed at serving those communities that have traditionally been unable to receive these critical services. The funding will be used for construction, equipment - including telecommunications systems and medical equipment - and other project expenses.

**Rowan University, Camden Academy Initiative Dual Credit STEM Project, \$750,000**

Funding will be used to purchase science lab equipment for Rowan's facilities in

Camden City in direct support of dual-credit classes for HS students as part of the Camden Academy Initiative. Equipment includes 3-D printers and scanners for the fabrication labs, VR equipment for simulation labs, and project-based learning lab upgrades for the pre-med/pre-health courses. The Academy Initiative will create pathways to college-leading to jobs; expand the pool of college-bound Camden City HS graduates; ensure graduates are ready to enter college and succeed as; and, through the dual credit program, lessen the cost and shorten the time to graduation for students who matriculate at Rowan. Rowan University has partnered with the Camden City School District, an urban district under State control, to establish a number of pathways to prepare high school graduates to enter college fully prepared to succeed. As part of this initiative, Rowan is working with the District in connection with a new state of the art, \$140 million Camden Academy which will have separate high schools in Science, Technology, Engineering, and Math (STEM), Creative Arts, Medical Arts and General Studies sharing a campus being built by the State for the District, scheduled to open in September 2021. Once in college the State of New Jersey is providing 2 years of free tuition and fees for families with incomes of \$45,000 or less and for this cohort, Rowan University will extend the same free tuition and fee support for years 3 and 4 of college. The objective of these academies and the partnership is to create pathways to college and to expand the pool of Camden high school graduates that are ready to enter college as fully prepared first-year students and end the cycle of special admit programs that require costly and ineffective remedial classes which present significant barriers to retention and further segregate students' college experience.

**Beth Medrash Govoha of America – BMG Lakewood Childcare Expansion Initiative - \$3,000,000**

The funding will be used to fund the acquisition of land on which to construct a nonprofit day care center with 20 classrooms and ancillary space. The modern, light-filled day care center will be designed to accommodate children in a safe, comfortable, and stimulating environment, providing important health, safety and educational benefits to Lakewood's children. The center will accept CCDBG vouchers as part of an effort to ensure the new facility serves low-income families, increasing the daycare slots available and allowing families to access quality, affordable childcare close to their home, school and/or place of work, fueling their mobility and supporting Lakewood's workforce.

**180, Turning Lives Around, Inc., 2NDFLOOR Youth Text/Hotline Initiative \$500,000**

2NDFLOOR provides support to children in Monmouth County and statewide in New Jersey through its telephone and innovative text-based supports that connect with youth on the issues affecting them using the means with which they are most comfortable communicating them. Funding will be used to enhance access to counseling services

for youth by expanding training and staffing of the text/hotline/message board; for education, outreach, and materials development; and for software/IT upgrades related to the service. 2nd Floor proposes to meet the needs of youth in New Jersey as they return to school in academic year 2021-2022 by expanding the professional staff and trained volunteers who interact with youth that reach out; developing new training that will better enable them to deal with what we expect will continue to be more acute issues that present themselves related to self-harm, anxiety, and substance use and misuse; and increasing the engagement and outreach efforts that 2nd Floor undertakes in partnership with schools and educators in New Jersey so that children and teens are aware of the resources available to them and able to access supports when they are ready or in need of discussing them.

**Brookdale Community College, Center of Excellence in Cybersecurity Education - \$450,000**

Brookdale Community College is establishing a Center of Excellence in Cybersecurity Education (CECE) to expand career and technical education in the high-growth fields of networking and cybersecurity, strengthen workforce preparation, and fuel the economy growth throughout the state. Brookdale was designated as a National Center of Academic Excellence in Cyber Defense Education by the National Security Agency and the U.S. Department of Homeland Security through 2024. The funding will be used to purchase industry standard equipment, technology and furniture providing expanded and appropriate teaching spaces. The classrooms will be designed to address a postCOVID world, with integrated audio/video capabilities that will enable the classrooms to be linked together and allow students to participate remotely; and the Center will be equipped with computers with dual monitors, an expanded virtual lab environment for hands-on learning, and a secure operations center, where students can practice on the equipment that is used in most cybersecurity jobs at the entry level. Funding will also support the salaries a Center Director and a Net Lab Administrator.

**City of Jersey City, Integration and Career Advancement Program - \$250,000**

The Jersey City Division of Immigrant Affairs is requesting funding to expand their Integration and Career Advancement Program. The program is designed to help new refugees, long-term residents, and newly naturalized citizens find specialized training, access to professional accreditation, and entrepreneurial supports while contributing to ongoing discussions on expanding foreign licensure accommodations. Funding would be used for direct services and case management for immigrants in Jersey City, including jobs, English language acquisition classes, and accreditation and advancement courses. Funds will also be used for community outreach and workshops events.

**Ramapo College of New Jersey, Environmental Sustainability Programs - \$455,000**

Funding is requested to create a certificate and hydroponic farm on the Ramapo College campus, where adults with autism and Ramapo College students can gain skills in vertical farming, an emerging growth industry in NJ. Ramapo College and the REED Foundation for Autism entered into a partnership that provides job training, volunteer opportunities, and paid employment for adults with autism so that they can live a more independent, fulfilling life. Ramapo College will work with REED to develop the courses for the certificate program, which will be open to both higher-functioning young adults with autism and currently enrolled Ramapo College students. Funding will also be used pay up to 10 adults with autism to participate in paid job training in the farm.

**Rutgers University-Camden, Rutgers Acceleration and Renew Academy - \$234,000**

Funding is requested to support Rutgers Acceleration and Renew Academy that will prepare and deploy a corps of Education Ambassadors, trained college students, to provide high-intensity tutoring, at least 50 minutes daily to assist students in increasing their math and language arts literacy skills and provide social and emotional support to the K-12 students. The Rutgers-Camden students will be trained in effective tutoring strategies and trauma informed approaches to ensure that they have a full understanding of the impact COVID has had on Black and Latinx youth, especially those who live in low-income communities where COVID has had a devastating impact. To ensure success, Rutgers-Camden students will be assigned no more than 3 students in order to provide intensive support and connect daily with the students teachers to make sure that the greatest academic needs are being addressed.

**Rutgers, The State University of New Jersey, for a Center for Educational Equity \$500,000 (Camden, Newark, New Brunswick)**

The Center for Educational Equity will foster statewide collaborations to reduce equity gaps and improve educational outcomes for underserved students. Funding is requested to expand Rutgers' ability to support the success of first-generation, lowincome, and historically underrepresented students who reside in New Jersey and those that matriculate to the university. This will help prepare more students within the state to attend college and increase the university's ability to more effectively recruit, retain, and develop communities that have been traditionally underserved.

### **United Way of Central Jersey, Perth Amboy Financial Opportunity Center - \$425,000**

Funding will be used to provide comprehensive one-stop services during extended hours: evenings and weekends to secure living wage jobs for unemployed or underemployed parents of young children and other Perth Amboy residents. The proposed FOC would provide an integrated or "bundled" set of three core services that this community desperately needs: employment services, financial education and coaching and income support. This would lift residents out of a cycle of poverty that leaves them trapped in the constant inability to pay monthly bills; without savings to handle household emergencies; at the mercy of high fees charged by check-cashing services and payday lenders; and unable to buy nutritious food at reasonable prices within their own neighborhoods.

### **Borough of Prospect Park, Main Sewer Line Repair Project - \$223,000**

The Borough of Prospect Park is requesting \$210,000.00 to implement the Main Sewer Line Repair Project. This is a high-priority, shovel-ready infrastructure rehabilitation project that will replace parts of a 90-year-old main sewer line that has experienced numerous problems in recent years. The scope of work includes replacing the outdated clay sewer pipe with a new PVC sanitary sewer pipe, brick manholes with new prefabricated concrete manholes, and existing house connections with new sewer clean outs. The project is located in the southern end of the Borough that borders the City of Paterson, in a low-income residential neighborhood. In addition to servicing Prospect Park residents, part of the sewer line also connects to homes located on the Paterson side of the border. Due to the problems with the outdated sewer line, residents on both sides of the border have had to deal with numerous problems such as clogging over the years. By fixing the problems with the sewer line, this project will benefit underserved residents in two municipalities. Furthermore, by addressing the problem before it gets worse, this project could prevent serious potential environmental and sanitary issues and save both municipalities money on costly emergency repairs down the line.

### **City of Newark, Water Loss Monitoring Program - \$492,000**

Newark's unaccounted for water loss is over double the industry standard and likely the result of leaks in the water distribution system which may have been exacerbated by the replacement of over 19,000 lead service lines. This funding will purchase sensors that will be installed in the system to find and identify leaks quickly so they can be repaired. The result will be conservation of water, reduction of energy costs for pumping and treatment as well as reduction in costs for chemicals resulting in more stable utility bills for customers. The City of Newark has a repair and replacement program scheduled for its water distribution infrastructure; however, it is requesting funds to purchase permanent acoustic leak detection equipment to both help guide and prioritize the



replacement program as well as help City staff to find small leaks and repair them before they become large breaks. The leak monitoring will allow for efficient use of City funds and savings from water losses which currently exist.

#### **Township of Bloomfield, Bloomfield Lead Service Line Replacement - \$255,000**

The Township is seeking to replace 30 lines along Main Terrace, an area that is home to traditionally underserved populations who may not have the financial means to upgrade their water system. Nearly 88% of all homes in Bloomfield have potential lead hazards, as they were built before 1978. Now serving a population of nearly 50,000 residents, the Township recognizes the obligation to restore the water service in our community by replacing all lead pipes, a serious health concern for our residents.

#### **Borough of Red Bank, Red Bank's Lead Pipe Removal and Replacement Project - \$250,000**

This funding will allow for the removal and replacement of existing pipes within the Borough which have lead goose necks which makes them lead service lines. There are 412 known lead pipes in the Borough that require replacement. The project will be focused on the western side of the Borough which has a disproportionate number of low-income and minority residents, who have been historically underserved.

#### **Sparta Township, Sparta Wastewater Treatment Project - \$250,000**

The Township of Sparta is requesting funds to complete a comprehensive wastewater capital project that will provide significant environmental benefits and drastically improve our operational efficiency. Presently, the Township has an existing treatment plant at White Deer Plaza that is well beyond its usable service life and puts the nearby Wallkill River at risk of contamination. The proposed wastewater treatment project will eliminate the current threat to the quality of the Wallkill River, a tributary of the Hudson River that drains into Lake Mohawk in Sparta. The proposed project will entail the elimination of the Township's existing treatment plant, the installation of two pump stations and conveyance systems, and the upgrade to a utility supervisory control and data acquisition (SCADA) system. Upgrading our control systems will ensure that all data is collected in a central location to provide long-term resilience and security. This project will eliminate the current threat to the quality of the Wallkill River, a tributary of the Hudson River that drains into Lake Mohawk in Sparta.

### **Township of Woodbridge, Woodbridge Township Cypress Park - \$1,000,000**

The funding will be used to improve and transform underutilized land to construct a new recreational park that will feature amenities such as two soccer fields, two street hockey courts, a spray park, a playground with areas for children ages 2-5 as well as an area for children 5-12 years old, and a restroom building with changing areas. This new facility will be designed in total compliance with ADA standards and builds upon other recent investments by Woodbridge Township in the area designed for the special needs community that include level-playing fields and other universal access recreational equipment and facilities. The new accessible fields and equipment will enable community members who have lacked recreational facilities, whether due to having special needs or the absence of parks and open space in the Port Reading area, to gain more equitable access to outdoor recreation and opportunities to participate in sports locally.

### **Borough of Woodland Park, Diane Grimes Memorial Park Improvement Project - \$95,000**

Diane Grimes Memorial Park is situated off of Mount Pleasant Avenue, is the most utilized municipal park within the Borough, and is located in a low income census block. The proposed improvements envisioned for this project include new playground equipment, installation of a safety surface and border, and park furniture. This park will serve the residents of Woodland Park; especially those in low/moderate income neighborhoods which are adjacent to this park.

### **City of Trenton, Mixed Use Recreational Facility - \$1,000,000**

The City of Trenton is requesting funds to assist in the completion of the Marine Terminal Bulkhead Repair Project. The funding will be used to replace the collapsed bulkhead, which will allow the Marine Terminal Park to reopen to visitors, provide more recreational access for residents, and restore a registered historic site.

### **Borough of Bound Brook, Hamilton Street Plaza Project - \$2,200,000**

The Hamilton Street Plaza Project is a transformative project that will create a pedestrian-friendly, transit-oriented downtown district. It consists of closing off one block of Hamilton Street between Main Street and East 2nd Street to motor vehicles and replacing it with a carefully designed pedestrian area with the following elements: (1) pedestrian streetscapes with seasonal event spaces; (2) decorative paving designed to mirror the natural beauty of the Raritan River, which runs adjacent to the Borough; (3) planters for native, perennial plant species and trees; (4) movable tables and chairs for pedestrians; (5) flexible seating areas; and (6) catenary overhead lighting. The project will improve access to the Bound Brook Train Station and contribute to the Borough's

downtown revitalization efforts. It will make a destination out of downtown Bound Brook and lift up the many small businesses located there. It is a natural next step for the Borough, which is in the midst of significant redevelopment efforts in its downtown Special Improvement District. The Borough is currently undergoing and planning several new development efforts in the downtown district, which is the result of the successful completion of the Army Corps of Engineer's flood control project and the Borough's subsequent FEMA designation as a flood-free zone in June 2016.

#### **City of Paterson, Wrigley Park Rehabilitation - \$360,000**

The City of Paterson seeks funding to rehabilitate Wrigley Park. The project will focus on improving the aesthetics and increasing the functionality of this green space, as it is currently in failing condition. The park is not only underkept but also unappealing and ultimately unsafe for regular use. The perimeter wall is crumbling in many places and requires significant masonry work to repair; fencing around the perimeter as well as various sports courts are also failing, leaving the fences non-functional in nature and yielding an overall unappealing, dilapidated look to the park. The proposed rehabilitation will restore this park to a safe, accessible space for residents to enjoy.

#### **Atlantic Cape Community College, Cape May County Business Development Network - \$212,000**

The funding will be used to hire a Director to oversee operations and build capacity for the Cape May County BizHub project. This project has been in development by Atlantic Cape Community College partners for the past two years, and after extensive feasibility research and needs assessments, is ready to scale up to full service operation. The Director will be the project's first full-time staffer, and will meet the business development and resource needs of Cape May County's entrepreneurial community. This project will meet a documented need for business development support in Cape May County, which is significantly underserved by business support entities active in other parts of NJ. By providing technical assistance to start-up and established but struggling small businesses, the bizHub Director will deliver new economic development capacity. The project will serve small businesses, with special outreach to women, minority, and veteran-owned businesses, and will respond to challenges of COVID-19. The bizHub Director will help guide recovery of small businesses by connecting owners to resources, pivot to new delivery systems, and potentially revise business model, brand or product.

#### **Borough of Leonia, Strengthening Public Safety Communication Project - \$251,000**

This project will enable the Office of Emergency Management (OEM), Emergency Medial Services (EMS), the Leonia Police Department, and Leonia Fire Department to operate on the same band of frequency. In addition to this, the Strengthening Public

Safety Communications Project will further advance Borough goals of interoperability by allowing direct communication between our public safety professionals and the Bergen County Communications Center. This will increase the health and safety of community members. The Borough considers this project to be a high priority as it will impact not just Leonia residents, but the greater part of Bergen County. Completing this project will significantly increase interoperability between local and regional public safety departments, and will build upon existing relationships with mutual aid partners. The Borough strongly believes this necessary public safety investment will improve the health and safety conditions of the region.

### **Newark Community Street Team, Newark Community Street Team High Risk Intervention Expansion - \$471,000**

Funds will be used to expand NCST's existing multi-pronged public safety strategy that reduces violence in Newark through the following components: The High Risk Intervention (HRI) team intervenes in conflicts, prevents retaliation, responds to requests for assistance and provides victim services to survivors of violence. Funding will be used to support the salaries of 4 HRI. Community Outreach Work: Outreach Workers provide mentoring through a case management model to those at greatest risk of becoming a victim or perpetrator of violence. Violence intervention services: By meeting the emergency needs of people connected to violence, NCST can diffuse incidents that can escalate to violence. Cities across the country are looking to the Newark Community Street Team (NCST) for expertise on how to reduce violence without relying on arrest and incarceration. The requested funding will allow NCST to further refine its ground-breaking model and further reduce violence in the South and West Wards of Newark. NCST has been a key component of Newark's violence reduction strategy, that reversed a fifty year trend in increased violence in the City. Enhancing this work will address recent Covid-related spikes in violence and strengthen NCST's ability to guide communities nationally.

### **Montclair State University, Traveling Harmful Algal Bloom Lab - \$400,000**

The Traveling HAB Lab will improve public awareness of water quality issues, including harmful algal blooms. The innovative mobile education and outreach activities will inspire people to take action.

The public is increasingly impacted by water pollution, including water-use restrictions triggered by harmful algal bloom (HAB) events. The proposed Traveling HAB Lab will bring an interactive educational experience about water quality and water resource issues to students and communities. By taking water science education directly into schools and communities, we hope to increase awareness of the serious health risks caused by acute exposure to HAB events and the damage they cause to ecosystems. The Traveling HAB Lab will also recruit participants to become active environmental stewards in their communities and assist the state in monitoring and mitigating HAB. This proposed Traveling HAB Lab will bring STEM education to underserved schools

and communities and empower students and community members to protect water resources. Many schools lack scientific instruments and supplies for high-quality STEM activities which can elevate the level of science learning and motivate more students to pursue STEM fields for careers. The Traveling HAB Lab will inspire future water scientists to help alleviate and solve future water issues, and help keep our drinking and recreational waters safe and available for future generations to use.

**U.S. Army Corps of Engineers, NJ Shore Protection, Townsends Inlet to Cape May Inlet (Avalon & Stone Harbor), NJ - \$15,500,000**

The Townsends Inlet to Cape May Inlet Coastal Storm Risk Management Project was authorized by Congress in 1999. The project includes the construction of a dune and berm system with a 3-year nourishment cycle (pending available funding) and 2.2 miles of seawall along the Townsends Inlet frontage of Avalon and the Hereford Inlet frontage of North Wildwood. The design calls for a 150 foot berm (or beach) backed by a dune constructed to elevation +14.75 (North American Vertical Datum of 1988). The beachfill portion of the project was initially constructed in 2002. The Townsends Inlet seawall was completed in 2006. The Hereford Inlet seawall was constructed in 2 phases with the Phase 1 completed in 2007 and Phase 2 completed in 2010. The dune and beachfill project was renourished/repared in 2011, 2013, 2017, and 2019. The Hereford Seawall was repaired in 2014. The project is designed to reduce the risk of damages to infrastructure from coastal storm events.

**New Jersey Clean Cities Coalition, New Jersey Green Hydrogen Demonstration Project - \$3,840,000**

Funding will used to (1) purchase the polymer electrolyte membrane (PEM) electrolysis technology to produce hydrogen from the wind turbines; (2) provide the required gas and electric interconnections; and (3) provide the required engineering and design to develop the prototype, zero emission, hydrogen fuel-cell medium-duty truck. This will provide the nation's first demonstration project to use zero emission hydrogen to power zero-emission hydrogen-fuel cell trucks. The United States and the world must dramatically reduce greenhouse emissions from the electric power and transportation sectors if we are to address the global climate crisis. New Jersey's energy master plan announced by Governor Murphy in 2020 calls for 50% clean energy by 2030, and 100% clean energy by 2050. To help reach these goals, the State just proposed a new advanced clean truck rule that aims to achieve zero emissions from medium and heavyduty trucks by 2050. To attain these ambitious goals, the nation will need many innovative, advanced technologies. This project will help demonstrate Hydrogen's promise to decarbonize the natural gas sector and fuel zero emission trucks.