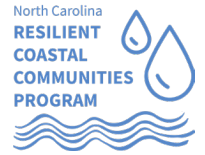




## 2024-25 GRANT SNAPSHOT

### NC DIVISION OF COASTAL MANAGEMENT

#### RESILIENT COASTAL COMMUNITIES PROGRAM: PHASE 3



### Phase 3 (Engineering and Design)

Total of projects awarded: 15

Total grant funds awarded: \$4,310,350.00

Community	Project Name	Project Description	Funding Amount
Ahoskie	Stormwater Action Plan-Upgrade the Stormwater System	Develop a Stormwater Action Plan (engineering/design phase) and upgrade the stormwater system (implementation phase) through improved and expanded infrastructure. The project includes mapping and condition assessments of stormwater components and outfalls, focusing on problem areas identified via desktop analysis. It promotes proactive maintenance through interactive mapping tools and guidance and raises stormwater quality awareness through public outreach. Both grey and green solutions will be considered. Construction drawings will be produced for one priority nature-based or hybrid project, selected based on assessments and community input. The plan will identify additional priority projects to prepare for multiple implementation grant applications	\$500,000.00
Aulander	Permeable Pavement and Green Stormwater Infrastructure Implementation Projects	Utilize town-owned property at four locations to install permeable pavement for parking areas and trails, incorporating green stormwater infrastructure and public education. This project will replace approximately 42,000 sq. ft. of impervious surfaces with permeable pavement, allowing stormwater infiltration. Each site will include green infrastructure such as rain gardens and bioretention cells.	\$173,250.00
Beaufort	Development Ordinance Resilience Updates	The Town of Beaufort will advance its Resilient Coastal Communities Program by updating and merging zoning, subdivision, minimum housing, and flood damage prevention ordinances into a new Unified Development Ordinance (UDO). This update ensures alignment with the recently adopted Comprehensive and CAMA Land Use Plan and Resilient Beaufort Strategy. The first phase of the UDO project will focus on critical resilience measures for stormwater management, shoreline protection, and construction standards, building a foundation for future updates.	\$100,000.00





**2024-25 GRANT SNAPSHOT**

**NC DIVISION OF COASTAL MANAGEMENT**

**RESILIENT COASTAL COMMUNITIES PROGRAM: PHASE 3**



Community	Project Name	Project Description	Funding Amount
Belhaven	Stormwater Action Plan and Easement Acquisition Plan - Upgrade the Stormwater System	Develop a Stormwater Action Plan and Easement Acquisition Plan (engineering/design phase) and upgrade the stormwater system (implementation phase) through improved and expanded infrastructure. The easement plan will analyze existing and needed easements for drainage ditches, tributaries, and stormwater pipes to facilitate repairs and maintenance. The project includes mapping and condition assessments of stormwater components and outfalls, focusing on known problem areas and those identified via desktop analysis.	\$500,000.00
Burgaw	Rain Garden Installation and Educational Demonstration	The Town of Burgaw will analyze and identify a strategic location for a small-scale bioretention cell (rain garden) to improve water quality, reduce peak runoff flows, and lower volumes from a small catchment area. The final selected site will feature educational signage and be designed to meet regulatory standards.	\$55,000.00
Creswell	Reduce Flooding Impacts in the 1st-4th Street Area	This study will evaluate the source of ongoing flooding in the town core and identify potential flood mitigation solutions. Possible solutions include extending the dike from 1st Street to Main Street, adding pumping capabilities at Palmetto Street, and implementing nature-based flood risk mitigation strategies. The evaluation will integrate technical findings from the regional Scuppernong Study to propose transformative solutions for long-term flood risk reduction.	\$500,000.00
Dare County	Salvo Flood Mitigation Project	Collect survey and geotechnical data to conduct a drainage study in the Village of Salvo on Hatteras Island. This data will be used to produce an engineered design that includes nature-based infiltration measures.	\$234,000.00
Elizabeth City	Resilient Stormwater Ordinance Project	The City of Elizabeth City proposes to modernize its stormwater ordinance, promote best practices, and engage the community in a nature-based solutions demonstration project. A consultant will be hired to identify outdated provisions in the stormwater ordinance, propose updates, create a "Best Management Practices" handbook for developers, and install a rain garden at the recreation center.	\$140,000.00





**2024-25 GRANT SNAPSHOT**

**NC DIVISION OF COASTAL MANAGEMENT**

**RESILIENT COASTAL COMMUNITIES PROGRAM: PHASE 3**



Community	Project Name	Project Description	Funding Amount
Holly Ridge	Multi-Use Greenway Connection Feasibility Study	The Town of Holly Ridge is planning a feasibility study to design a multi-use/shared path from Holly Ridge Town Hall on N Dyson St along NC-50/Ocean Road towards Surf City. This 3.1-mile corridor will be evaluated for its potential to create dedicated biking and walking facilities separate from the roadway, providing residents with access to critical amenities and jobs. The study will include an analysis of existing conditions, development of alternatives, stakeholder and public engagement, and a permitting assessment.	\$143,000.00
Nags Head	Designing Living Shorelines to Restore and Protect Coastal Community Infrastructure in the Roanoke Sound	The proposed project aims to reduce shoreline erosion and increase stability over time. It will provide site analysis and preliminary engineering and design for two community-prioritized estuarine marsh restoration and shoreline stabilization sites at Nags Head Woods Preserve & Villa Dunes Drive and West Soundside Road. Nature-based solutions include restoring brackish marshes and constructing offshore living breakwaters to deflect wave energy, encourage the formation of sub-aquatic habitats, and convert the hardened edge shoreline to a more stable, natural one.	\$500,000.00
Ocean Isle Beach	Living Shoreline Feasibility Study and Demonstration Project	The primary goal of this project is to conduct a feasibility study to identify and prioritize locations for living shorelines along the estuarine shoreline of Ocean Isle Beach. The study aims to enhance shoreline resilience against storms and wave action while promoting environmental sustainability.	\$170,000.00
Plymouth	Stormwater Action Plan-Upgrade the Stormwater System	The project will establish mapping and condition assessments for stormwater system components and outfalls, focusing on known problem areas and those identified via desktop analysis. It will promote proactive stormwater maintenance through interactive mapping tools and maintenance guidance and encourage stormwater quality awareness through public outreach efforts. Both grey and green infrastructure solutions will be considered in the Stormwater Action Plan. Construction drawings will be produced for one priority nature-based or hybrid project, determined based on assessments and community input.	\$500,000.00

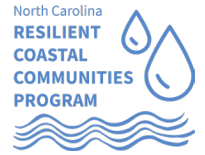




## 2024-25 GRANT SNAPSHOT

### NC DIVISION OF COASTAL MANAGEMENT

#### RESILIENT COASTAL COMMUNITIES PROGRAM: PHASE 3



Community	Project Name	Project Description	Funding Amount
Vandemere	Vandemere Waterfront Park Living Shoreline	The Town of Vandemere owns and maintains the Town Waterfront Park. Currently, the park's banks are armored with riprap and bulkheads. The Town proposes to repair the existing riprap lost to erosion and undermining and expand stabilization efforts by implementing a living shoreline around the park and waterfront.	\$57,800.00
Washington	Living Shoreline and Levee at the Wastewater Treatment Plant	This project will construct a living shoreline and levee to protect the City of Washington's Wastewater Treatment Plant (WWTP), a regional facility serving both Washington and the Town of Bath. Located on the Pamlico River, the shoreline has approximately 840 linear feet with erosion issues, migrating towards the WWTP. The facility is at risk of flooding and has experienced flooding during past storms, such as Hurricane Florence, where floodwaters nearly overtopped an effluent tank. The living shoreline will prevent further erosion, while the levee will protect the facility from flooding.	\$500,000.00
Washington Park	Living Shoreline at Public Shoreline Areas	This project will construct a living shoreline along approximately 2,500 linear feet of public shoreline within Washington Park to reduce erosion. The engineering/design phase will include a detailed shoreline assessment and the design of chosen alternatives, considering multiple options. Swimming and paddling access will be maintained. Concept planning by East Carolina University students will be referenced. The phase will conclude with 100% construction-level design documents for the selected living shoreline alternatives.	237,300.00

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