APPENDIX B

PROJECT PORTFOLIO

Phase 2 Project Portfolio

The Town of Ocean Isle Beach and the Community Action Team (CAT), with input from the public, developed a portfolio of projects aimed at reducing exposure and sensitivity to hazards as well as strengthening the adaptive capacity of community assets and vulnerable populations. Various types of solutions were discussed in the CAT and public meetings. This portfolio includes a summary of the resilience efforts that the Town is already undertaking as well as the final suite of prioritized solutions developed for this RCCP program.

The Town's Vision Statement and Goals have been used to guide development and prioritization of the projects presented in this portfolio. Feedback from the public was obtained via a Public Meeting on March 14, 2024, as well as via an online survey.

Vision Statement: *We envision a resilient future, where our community's natural and manmade beauty, sense of unity, and genuine concern for environmental stewardship serve as the foundation for adaptation, acclimation, and preparedness for challenges associated with coastal hazards.*

Goals:

1. Manage development and growth sustainably.
2. Implement nature-based and hybrid solutions to improve coastal resilience.
3. Review, revise, and update key plans, policies, and ordinances to strengthen resilience efforts.
4. Ensure critical infrastructure resilience.
5. Improve education and preparedness.
6. Reduce structural, environmental, and economic impacts from coastal hazards.

Ongoing Projects

The Town has consistently put forth the effort to develop and maintain a sustainable and resilient community. Some of the key elements of this effort include support of a federally-funded beach nourishment project and maintenance of the Town's terminal groin (Goal #2, Goal #4, and Goal #6) and participation in the Federal Emergency Management Agency's Community Rating System (Goal #6). Additionally, the Town has developed an emergency alert system to quickly reach community members in the case of a severe weather event or other emergency (Goal #5). Because these projects are ongoing within the community and have dedicated funding sources, they are not included in the presented project portfolio. However, should these funding sources change or become unavailable, the Town may want to seek additional resources to continue to support these programs.

In addition to the ongoing projects and the priority projects presented in this portfolio, the CAT discussed linkages with the Museum of Coastal Carolina, which is supportive of resilience efforts, who could assist with publicity or demonstration and educational initiatives, including those detailed in the following sections.

Priority Projects

The following projects are presented in this portfolio with details including rough order of magnitude (ROM) costs for completion.

1. **East End of Ocean Isle Beach Dune Building and Preservation (Goal #2, Goal #4, Goal #6)**
2. **Elevate & Empower: Resilient Infrastructure Project (Goal #4, Goal #6)**
3. **Living Shoreline Feasibility Study and Demonstration Project (Goal #2, Goal #4, Goal #6)**
4. **Update Town of Ocean Isle Beach CAMA Land Use Plan (Goal #1, Goal #3, Goal #6)**
5. **Dune Infiltration Project to Reduce Stormwater Flooding(Goal #2, Goal #4, Goal #6)**
6. **Native Plant Giveaway: Rooted in Community (Goal #2, Goal #6)**
7. **Resilient Multimodal Transportation Feasibility Study (Goal #1, Goal #3, Goal #6)**

The Town submitted a Phase 3 application for Project 3: Living Shoreline Feasibility Study and Demonstration Project, and a Phase 4 application for Project 2: Elevate & Empower: Resilient Infrastructure Project on May 31, 2024. The Town has also been awarded Coastal Storm Damage Mitigation (CSDM) funding for Project 1: East End of Ocean Isle Beach Dune Building and Preservation. The Town plans to investigate other funding sources to accomplish the other projects in the portfolio, including DCM funding for Project 4, NCDOT funding for Project 5, and partnership with the North Carolina Wildlife Federation for Project 6.

Project Name	**East End of Ocean Isle Beach Dune Building and Preservation (Priority Project #1)**
Project Description	The lack of a protective dune line east of Station 35+00 (just west of Highpoint Street) leaves the east end of the Town vulnerable to storm-induced impacts. Without a dune line in place, wave runup during high water events regularly results in flooding of private property and the adjacent streets. The proposed project involves the construction of a dune along a portion of the Town's east end utilizing material obtained from an upland source. The dune project will span the area between Station 35+00 (~200 ft. west of Highpoint Street) to Station -2+00 (~200 ft east of the 4th Street Beach Access point on the east end). The dune will tie into the existing dune in proximity to Station 35+00 and will be constructed to an elevation of +12.5 NAVD88. The dune will include a 10-foot-wide crest and be constructed with a 1V:5H slope on both the front and back sides. It is anticipated that this project will require approximately 40,000 cy of material. This material will be obtained from an upland sand source (TBD) and will be trucked to the project site. Following the construction of the dune, the dune will be vegetated, and sand fence will be installed in accordance with 15NCAC 07K.0212. The project will be constructed during the environmental window between November 16, 2024, and April 30, 2025. Once constructed, no maintenance of the dune line will be anticipated. The dune, along with the rest of the oceanfront shoreline, will be monitored on a bi-annual basis as part of the Town's regular beach monitoring efforts.
Location	East End of Ocean Isle Beach from 200 ft west of Highpoint Street to 200 ft east of the 4th Street Beach Access Point

Source	Project was initially mentioned by the CAT, and dune preservation was identified as one of the top priorities in two property owner surveys.
Scoping Questions	What is the most suitable upland sediment source?
Hazard(s) Addressed	Storm effects including storm surge flooding and wave impacts.
Supporting Function[3]	Dunes support the healthy beach ecosystem that is valued by OIB residents and visitors. They also provide protection for infrastructure (buildings, roads) from storm impacts.
Type of Solution	This project is a nature-based solution utilizing dunes as a natural barrier to flooding and wave impacts. The project also provides natural habitat and supports the beach ecosystem including planting of native dune grasses.
Estimated Timeline	The project will be accomplished within a 1-year time frame as follows: April-June 2024: Engineering and design work (including topographic survey) and information gathering for the required permit modification packages July-Sept 2024: Continued gathering of information for permit modifications and the submittal of permit modification requests to DCM and the USACE. Oct-Dec 2024: Finalize design for the dune construction project; development of Plans and Specifications; and preparation of bid package. Jan-Mar 2025: Contract negotiations, pre-construction coordination, construction, and construction oversight. Apr-June 2025: Continued construction and construction oversight followed by the development and completion of construction. July-Sept 2025: Development and submittal of the Project Completion Report.
Responsible Entity	Town manager with consultant and contractor
Potential Partners	NCDCM
Existing Funding	The Town has allocated approximately $1M to support this project, but will require additional funding to accomplish the stated goals.
Potential Funding Sources	Town has applied for approximately $1M in State CSDM funding to support this project. Should this project not receive CSDM funding, the Town could apply for DCM Phase 4 funding, due date May 31, 2024, when design is complete. Permits have also been issued but do not include dune construction east of Station 55+00. The Town will coordinate with DCM and the USACE to modify the existing permits to allow for construction in the winter of 2025.

Estimated Cost	Total cost is estimated at $2,038,182.00 as follows: Administration: $39,000.00 Design: $39,166.00 Permitting: $39,216.00 Survey: $10,800.00 Construction Oversight: $70,000.00 Construction: $1,600,000.00 Construction Materials: $240,000.00 Total: $2,038,182.00
Anticipated Benefit	The proposed project will serve to help improve and bolster the various benefits associated that a number of recently completed projects (e.g. terminal groin construction and beach nourishment) have brought to the Town. The environmental benefits of building a dune will provide habitat for the threatened plant species seabeach amaranth. This plant is able to grow in pure sand in overwash areas as well as developing dunes. The dunes may also provide nesting habitat for sea turtles. In addition, because they will be constructed to an elevation of +12.5 ft NAVD88 may also serve to block artificial light on the upper portion of the beach berm and therefore may serve to protect turtle hatchlings from being disoriented. The sediment used for the project will contain appropriate geotechnical characteristics such that the material will satisfy the Technical Standards for Beach Fill Projects (15A NCAC 07H.0312) and Dune Protection, Establishment, Restoration and Stabilization (15A NCAC 07H .0308(b)). There are seven (7) beach access/sand walkover points within the project area. These access points will persist and will be maintained following the completion of the proposed project. The access point located at East 4th Street will ultimately be improved with the construction of a Hatteras ramp such that access for emergency vehicles to the extreme east end of the island will be enhanced. The construction of the dune to an elevation of +12.5 ft NAVD88 will serve to protect the existing parking areas and roads located directly landward of the access points. Under current conditions, these areas are prone to flooding when wave runup from storm events allow water to flow through the access points. Furthermore, the dune project will serve to protect private property within the project area from destructive high-water events. Finally, once the project is completed, the Town is interested in constructing additional parking in proximity to the East 4th Street beach access point which would increase the ability for residents and visitors to gain access to the east end of the island.
Priority Rating	Project has high importance as determined via CAT input and public surveys.
Project Map(s)	See Figure 1.

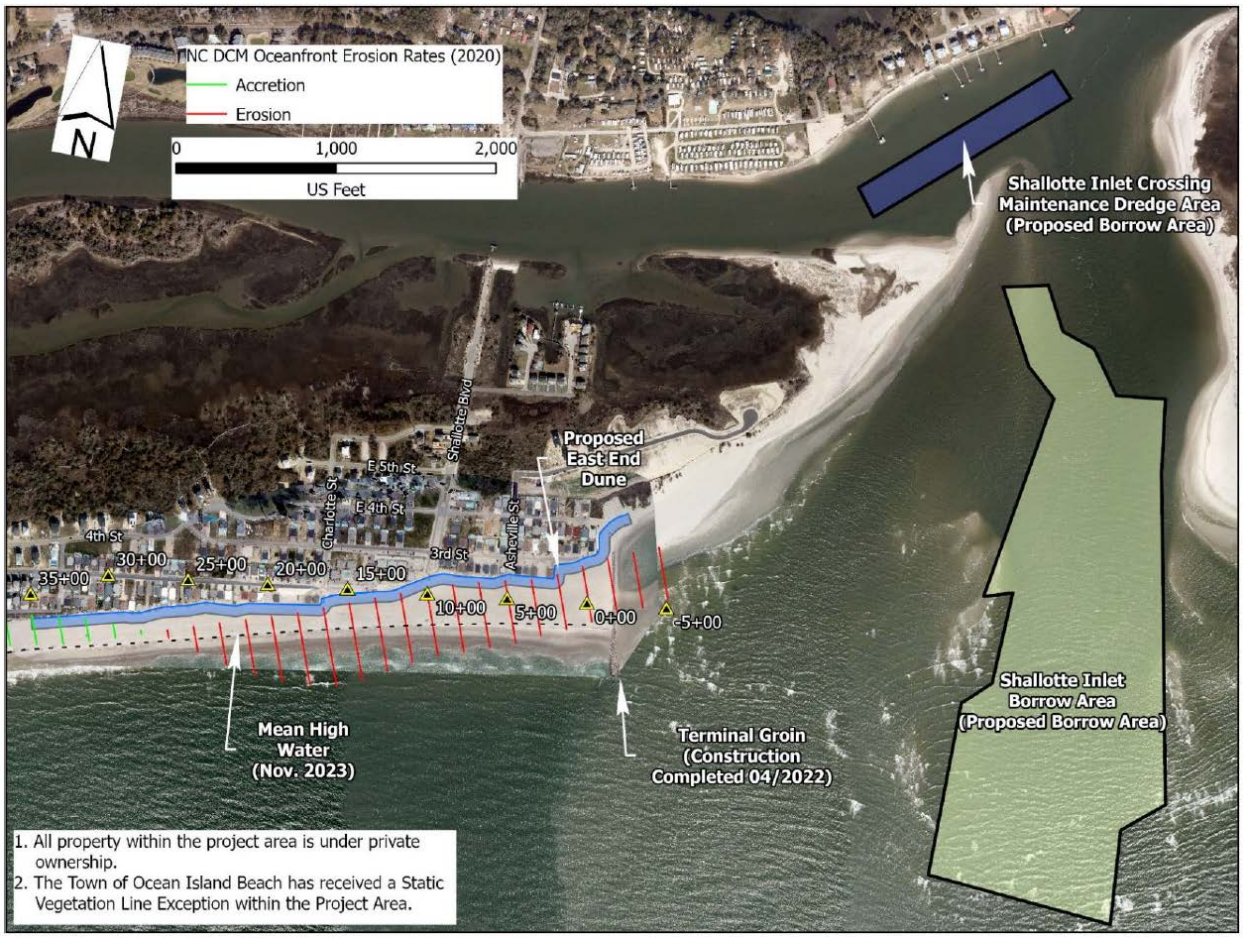

Figure 1. Project location map showing the location of the Shallotte Inlet Crossing and Shallotte Inlet borrow areas, Mean High Water Line, and the NC DCM Erosion Rates (Figure courtesy of Town of Ocean Isle Beach).

Project Name	**Elevate & Empower: Resilient Infrastructure Project (Priority Project #2)**
Project Description	This project supports the Town of Ocean Isle Beach's infrastructure resilience in three key ways: 1) Elevating sewer lift station control panels in flood-prone areas; 2) Elevating transformer pedestals in flood prone areas, and 3) Purchasing 3 portable generators to operate lift stations during emergency situations with power outages. The Town frequently experiences flooding at multiple sites where lift station control panels and transformers are affected. The transformers are at grade and flooding poses a significant safety risk. The Town has prioritized 18 lift station control panels for elevation. The Town will also make an effort to work with Brunswick Electric to undertake elevation of the corresponding 18 transformer pedestals co-located with the lift station control panels. In addition, purchase of 3 portable generators will allow for operation of key lift stations and other critical Town infrastructure during emergencies. All Town lift stations can be operated by the same size generator except for the main pump station (E-1).
Location	The lift station panels to be elevated are as follows with corresponding location listed. E-14 Raeford St. E-16 Pender St. E-19 Moore St. W-5 West Gate W-6 Island Park E-8 Richmond St. E-9 Scotland St. E-10 Newport St. E-11 Newport St. & E 2nd E-12 Anson St. E-13 Union St. E-15 Dare St. E-17 Leland St. E-18 Leland St. & E 2nd E-20 Cumberland St. E-22 Lee St. W-2 Driftwood Dr. & W 2nd W-2A Starboard by the Sea
Source	The proposed infrastructure project was first discussed in a CAT meeting. Some of the lift station control panels within the Town have already been elevated as part of the Town's Capital Improvement Plan. This project received widespread support in the public meetings and online survey as these critical infrastructure assets are needed to maintain safety and health within the Town.
Scoping Questions	What is necessary to coordinate and collaborate with Brunswick Electric?

Hazard(s) Addressed	This project addresses multiple types of flooding impacting the Town: high tide flooding, excessive rainfall, and storm surge.
Supporting Function[3]	This project supports the Town's wastewater and electrical infrastructure. It also assists with maintaining health and safety not only of the Town's residents and visitors but also the surrounding environment.
Type of Solution	This is an infrastructure solution designed to improve operations and safety. It also serves to ensure that untreated wastewater/sewage is not released into adjacent waterways, potentially harming the natural environment surrounding the Town. It is critical that the Town maintain pump operations during power outages and emergencies to maintain the health of the public and the integrity of the adjacent waterways. The waterways adjacent to the Town are classified as SA/HQW (Market Shellfishing, Tidal Salt Water/High Quality Waters) by the NC Division of Environmental Quality.
Estimated Timeline	The project is estimated to be completed within 12 months of receipt of funding. The Town is prepared to move forward as soon as funding is received.
Responsible Entity	Town Utility Systems Superintendent
Potential Partners	Brunswick Electric Membership Corporation
Existing Funding	There is no existing funding for this project.
Potential Funding Sources	RCCP Phase 4 Funding - Application Deadline May 31, 2024
Estimated Cost	Each control panel elevation is estimated to cost $4,000. For 18 lift stations this totals $72,000. Two standard sized generators at approximately $35,000.00 each totals $70,000. A larger generator to power the main E-1 station cost is approximately $125,000. The transformer pedestal elevation costs are unknown at the present time and would be the responsibility of Brunswick Electric. The total project cost excluding the transformer pedestals is $267,000.
Anticipated Benefit	Primary benefits include improved operations, safety, and environmental quality during flooding events.
Priority Rating	Project has high importance as determined via CAT input and public surveys.
Project Map(s)	See Figure 2

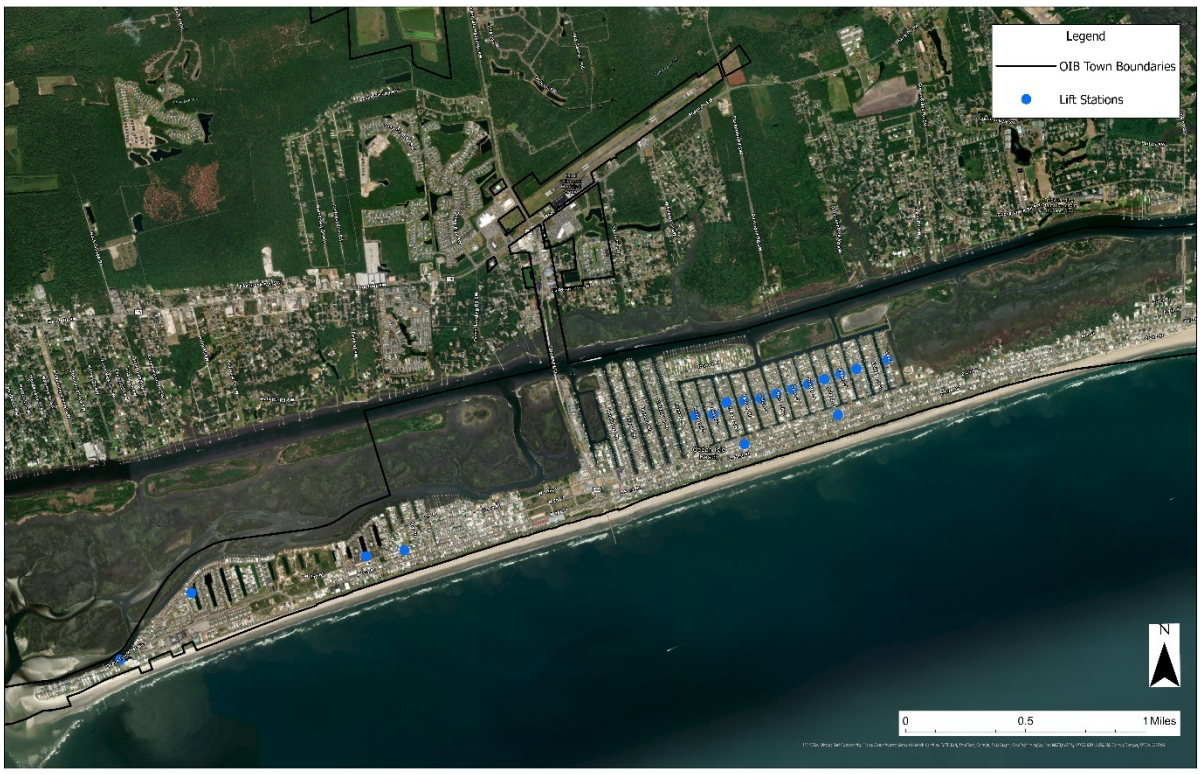

Figure 2. Lift stations identified for control panel elevation. Transformer pedestals are approximately co-located with the lift stations.

Project Name	**Living Shoreline Feasibility Study and Demonstration Project (Priority Project #3)**
Project Description	The primary goal of this project is to conduct a comprehensive feasibility study to identify and prioritize suitable locations for implementing living shorelines along the estuarine shoreline of Ocean Isle Beach. The study aims to enhance the resilience of the shoreline against storms and wave action while promoting environmental sustainability. Additionally, the project seeks to fully design one living shoreline project that will serve as a demonstration for the public, showcasing the effectiveness and benefits of this nature-based approach to shoreline stabilization. The project will include the following components: Site Assessment: Conduct a thorough assessment of the estuarine shoreline of Ocean Isle Beach to identify potential locations for implementing living shorelines. Consideration will be given to factors such as shoreline erosion, wave energy, ecological value, and community priorities. Feasibility Analysis: Evaluate the feasibility of implementing living shorelines at identified locations based on technical, environmental, regulatory, and community considerations. Assess the potential effectiveness of different living shoreline techniques in addressing local shoreline challenges. Stakeholder Engagement: Engage stakeholders, including local residents, government agencies, and environmental organizations, to gather input on priority areas, and to provide information on techniques for implementation of living shorelines to private property owners. Design Development: Fully design one living shoreline demonstration project at a selected location, incorporating best practices and innovative techniques to enhance shoreline resilience and ecological function. Environmental Permitting: Agency coordination including scoping meeting, preparation of CAMA and USACE permit applications for the demonstration project.
Location	The estuarine shoreline of the Town of Ocean Isle Beach
Source	This project is a combination of projects discussed at CAT meetings and public meetings.
Scoping Questions	What is the best location for a demonstration project? Is Ferry Landing Park a suitable location?
Hazard(s) Addressed	The Town's estuarine shoreline is affected by multiple flooding sources including tidal flooding, rainfall, and storm surge. Estuarine erosion can also be caused by wave action due to wind-generated waves, boat wakes, or tidal currents.
Supporting Function[3]	Living shorelines support the natural infrastructure of the Town, providing ecosystem services and stabilizing eroding shorelines.

Type of Solution	This is a nature-based solution including a demonstration project employing a living shoreline to stabilize a portion of the estuarine shoreline. The project will also provide both private property owners and the public with information to facilitate implementation of living shorelines across the estuarine shoreline of Ocean Isle Beach.
Estimated Timeline	The project will be completed within a 12-month timeframe as follows: Month 1-3: Site Assessment Month 3-6: Feasibility Analysis Month 1-7: Stakeholder Engagement Month 4-12: Design Development Month 6-12: Agency Coordination & Permitting Application Submittal
Responsible Entity	Town Administration with a Consultant
Potential Partners	Coastal Federation
Existing Funding	There is no current funding source identified for this project.
Potential Funding Sources	RCCP Phase 3 Funding - Application Deadline May 31, 2024
Estimated Cost	Site Assessment: $20,000 Feasibility Analysis: $30,000 Stakeholder Engagement: $25,000 Demonstration Site Topographic/Hydrographic Survey: $25,000 Design Development: $40,000 Environmental Permitting: $30,000 Total: $170,000
Anticipated Benefit	Living shorelines contribute to the health of the local ecosystem by providing habitat for various species, improving water quality, and protecting against erosion. Living shorelines can mitigate the impacts of climate change, such as sea-level rise and extreme weather events, by buffering coastal areas from storm surges and erosion.
Priority Rating	This project is considered a medium priority by the Town and residents based on feedback by the CAT and online survey.
Project Map(s)	Figure 3 illustrates the natural infrastructure within the Town boundaries, showing the estuarine shoreline and wetlands. Figure 4 shows the location of Ferry Landing Park on the east end of the Town, potential site for a living shoreline demonstration project.

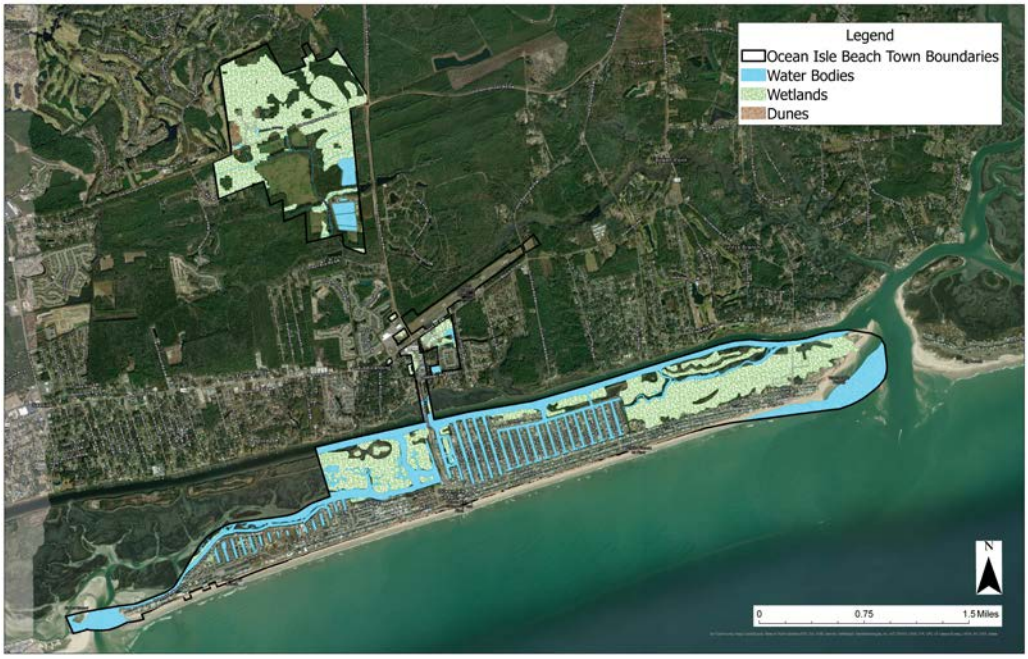

Figure 3. Natural infrastructure within the Town of Ocean Isle Beach.

Figure 4. Ferry Landing Park, potential site for a living shoreline demonstration project.

Project Name	**Update Town of Ocean Isle Beach CAMA Land Use Plan (Priority Project #4)**
Project Description	The CAMA land use plan serves as a blueprint for growth, guided by policies and maps. This crucial aspect of coastal management is mandated by the Coastal Area Management Act for each of North Carolina's 20 coastal counties. The Coastal Resources Commission (CRC) sets guidelines for these plans, ensuring common formatting and consideration of key issues like resource protection and hazard reduction. While the CRC's role is to verify plan preparation, local governments determine plan policies. Once certified, these plans influence permit decisions by the Division of Coastal Management, shaping projects and policies at both local and regional levels. Public involvement in plan development is encouraged, offering a chance to influence future growth and regulatory decisions. The Ocean Isle Beach CAMA Land Use Plan was last updated in 2017. An update to include additional resilience considerations and other needed changes will be carried out in this project. This update will require staff time, GIS expertise, and public outreach. Partnerships with the Cape Fear Council of Governments will be leveraged to facilitate plan completion.
Location	Town of Ocean Isle Beach Corporate Limits and ETJ
Source	This project was first discussed at a CAT meeting and was supported by the community via public survey and community meetings.
Scoping Questions	How does DCM envision the regulatory role of the CAMA Land Use Plan?
Hazard(s) Addressed	All identified hazards would be considered in land use planning: precipitation, storm surge, sea level rise, high tide flooding, erosion, wind, tornadoes, and temperature changes.
Supporting Function[3]	The CAMA Land Use Plan supports sustainable growth and development, which was identified by the CAT and public as a critical issue facing the Town.
Type of Solution	Plans and Policies: This project would update the CAMA Land Use Plan to further enhance the community's resiliency.
Estimated Timeline	The CAMA Land Use Plan update would take place over a 12-month period beginning when funding is secured.
Responsible Entity	Town Board of Commissioners, Planning Board, Land Use Plan Steering Committee
Potential Partners	Cape Fear Council of Governments, NC Division of Coastal Management
Existing Funding	The Town has considered allocating Town funds to update this plan.

Potential Funding Sources	Potential Future DCM Grant Program
Estimated Cost	The project cost is estimated at $50,000 allocated to the Cape Fear Council of Governments. The Town is prepared to provide in-kind match in the form of staff time to contribute to the preparation of the plan.
Anticipated Benefit	Updating the Town's CAMA Land Use Plan to support community resilience offers significant benefits. By incorporating policies that address environmental protection, hazard reduction, and sustainable development, the Town will be prepared to better withstand disasters and protect resources. This approach ensures that future growth considers coastal risks and conserves natural assets. Updating the plan also allows communities to adapt to evolving challenges and opportunities, promoting long-term sustainability. Overall, prioritizing resilience in land use planning benefits safety, economy, environment, and community well-being.
Priority Rating	Because the CAMA Land Use Plan has not been updated in seven years, it is considered a high priority. CAT and community support are high.
Project Map(s)	Figure 5 illustrates the planned future land use as of the 2017 CAMA Land Use Plan. The extents of the Town's jurisdiction have not changed since the time of this planning effort.

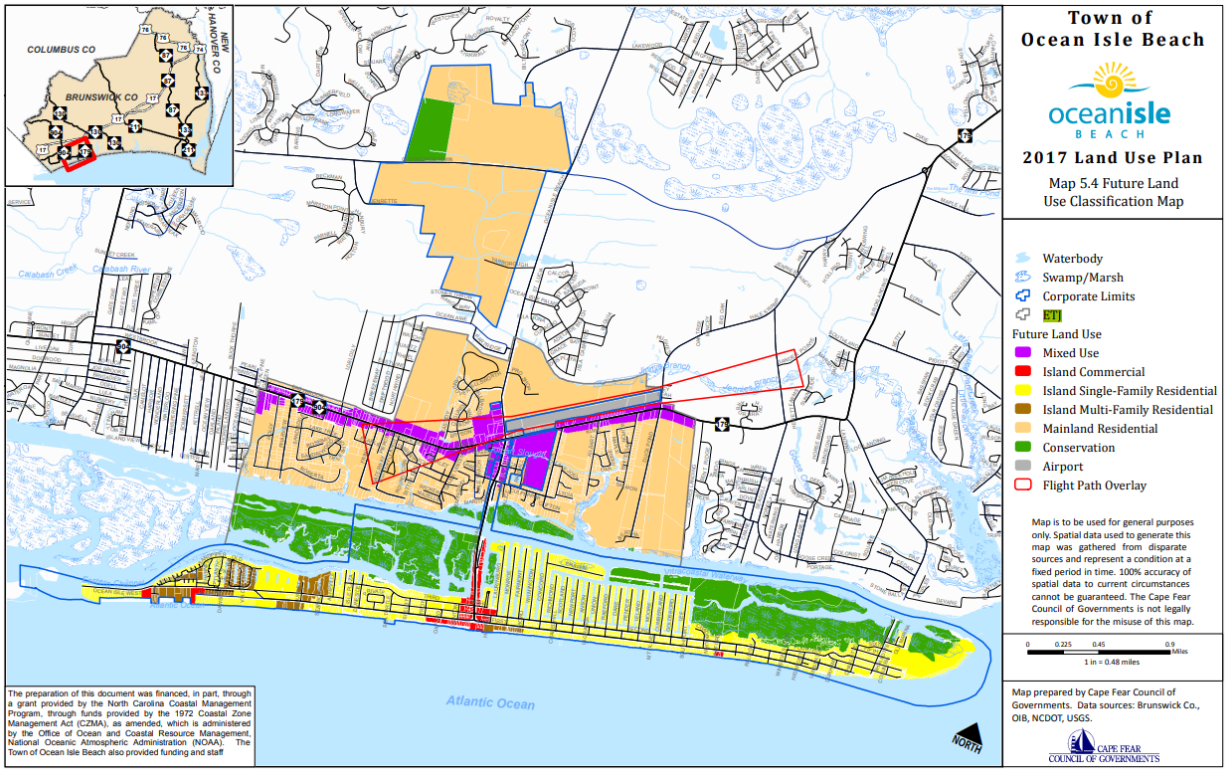

Figure 5. 2017 Land Use Plan: Future Land Use Classification Map.

Project Name	**Dune Infiltration Project at Greensboro St. and East 1st St. (Priority Project #5)**
Project Description	This project would entail the design of a dune infiltration system at Greensboro St. and East 1st St., where the Town owns two 50 ft beachfront lots. Design of stormwater collection from adjacent streets as well as design of the storm chamber and overflow system would be conducted. The system works by using the dune sand's natural filtering ability to remove pollutants and improve beach water quality. The scope of this project would also include CAMA, stormwater, and erosion control permitting.
Location	Town owned parcels at Greensboro St. and East 1st St.
Source	CAT meeting
Scoping Questions	What available funding exists from NCDOT?
Hazard(s) Addressed	This project addresses stormwater flooding in the roadways as well as potential water quality impacts from runoff.
Supporting Function[3]	This project supports transportation within the Town.
Type of Solution	Hybrid solution, combining traditional stormwater infrastructure (pipes, pumps, chambers) with the natural filtering properties of the dune sand to provide storage and improve water quality.
Estimated Timeline	Estimated 1 year for design and submittal of permit applications. Additional time may be required for permitting depending on whether a variance would be required from CAMA.
Responsible Entity	County Utilities Superintendent with a consultant.
Potential Partners	NCDOT
Existing Funding	No existing funding is available, however the Town is willing to provide the land for construction of the system.
Potential Funding Sources	NCDOT, DCM RCCP
Estimated Cost	Site Investigations & Groundwater Modeling - $30,000 Street Collection & Drainage Design - $50,000 Stormwater Chamber & Overflow System Design - $100,000 Permitting - $70,000 (CAMA permit includes expected variance request, SWMP and S&E permits) Total $250,000
Anticipated Benefit	Primary benefits are reduced stormwater flooding of roadways and improved water quality.

Priority Rating	The CAT considered this a medium priority and the public rated this project as a high priority in the community survey.
Project Map(s)	Figure 6 shows the location of the proposed dune infiltration project.

Figure 6. Location of potential dune infiltration project (Greensboro St. and East 1st St.).

Project Name	**Native Plant Giveaway: Rooted in Community (Priority Project #6)**
Project Description	Native trees and shrubs will be provided to Town property owners along with planting information. These trees and shrubs will provide beauty, shade, and wildlife habitat while absorbing carbon dioxide and helping support flood water uptake.
Location	Town Limits, Museum of Coastal Carolina is available to host.
Source	CAT meeting discussions
Scoping Questions	When would be the best time of year to hold the giveaway?
Hazard(s) Addressed	Flooding, climate change
Supporting Function[3]	The native plant giveaway will contribute to supporting a healthy island ecosystem valued by residents.
Type of Solution	Nature based solution
Estimated Timeline	6-12 months
Responsible Entity	Town Staff
Potential Partners	Arbor Day Foundation, NC Wildlife Federation, NC Sea Grant
Existing Funding	No existing funding has been identified
Potential Funding Sources	Arbor Day Foundation, Local Businesses, National Wildlife Federation
Estimated Cost	TBD
Anticipated Benefit	Primary benefits are reduction of carbon, beautification, and flood reduction
Priority Rating	This project was determined to be a medium priority in the community survey.
Project Map(s)	Figure 7 shows the location of the Museum of Coastal Carolina, which is willing to provide space to host a plant giveaway.

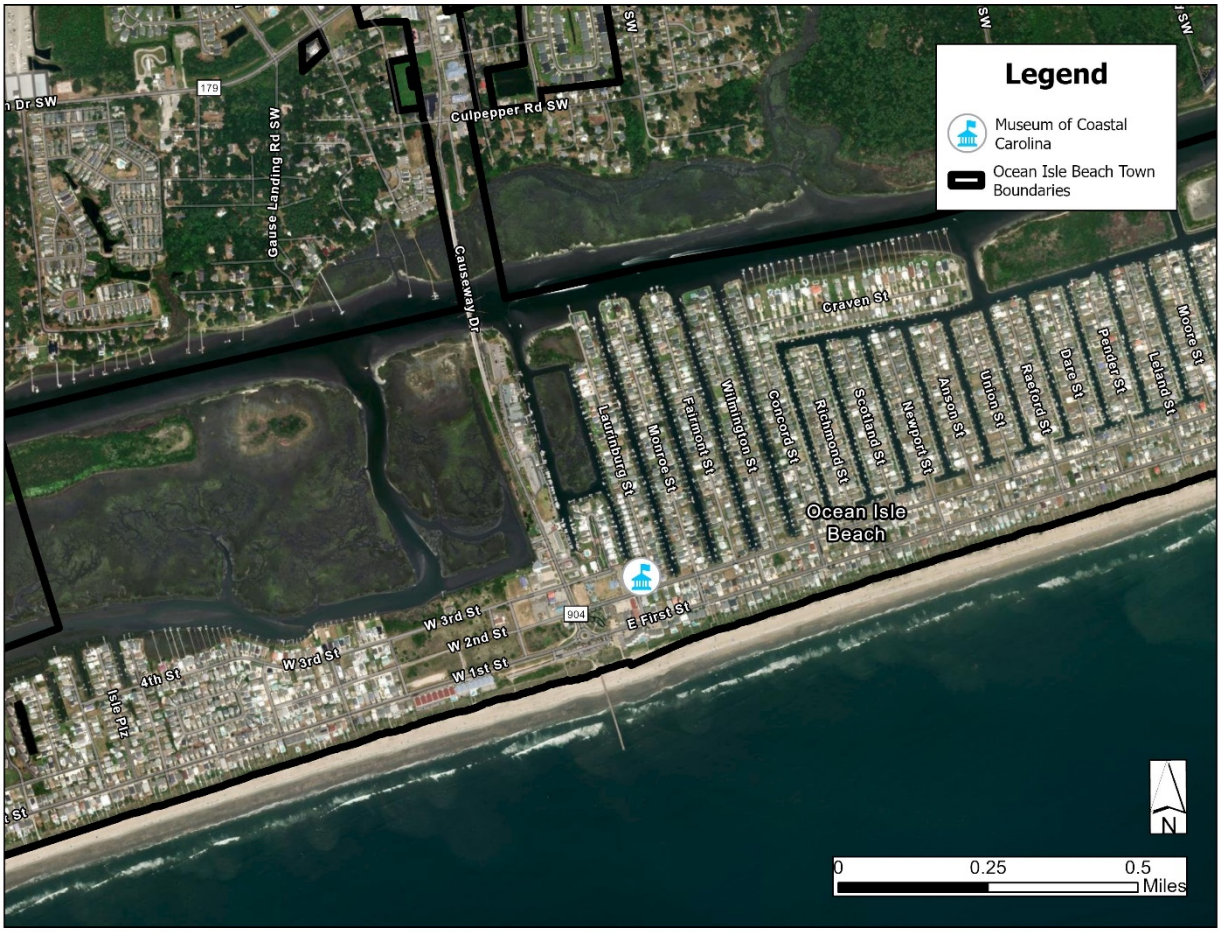

Figure 7. Location of the Museum of Coastal Carolina.

Project Name	**Resilient Multimodal Transportation Feasibility Study (Priority Project #7)**
Project Description	This project proposes a resiliency assessment of Ocean Isle Beach's prioritized bicycle and pedestrian projects identified in their 2014 Bicycle and Pedestrian Plan (Plan). The assessment will conduct a spatial overlay analysis of prioritized projects with OIB roadway vulnerability scores, a criticality analysis, and input from a Steering Committee. The Plan notes a lack of connectivity to beach accesses and community attractions, and a lack of crossings and signage resulting in safety issues especially during the summer tourist season. The assessment will select five (5) prioritized resilient multimodal projects and conduct streamlined feasibility studies that will be designed to help adapt and mitigate flood and SLR hazards and provide safety, sustainability, and resilience co-benefits. A resilient multimodal network provides benefits to reduce carbon emissions, provide public health benefits, and improve visitor's experience while visiting OIB.
Location	Town Limits
Source	Ocean Isle Bicycle and Pedestrian Plan (2014), property owner survey, CAT
Scoping Questions	Are there ongoing NCDOT efforts that could be leveraged to implement this study?
Hazard(s) Addressed	Sea level rise and flooding
Supporting Function[3]	Improved multimodal network and physical benefits for residents.
Type of Solution	This project would conduct multimodal feasibility studies for 5 bicycle and pedestrian projects at 35 % design.
Estimated Timeline	8-12 months
Responsible Entity	Town with a consultant
Potential Partners	NCDOT Resilience Group and NCDOT Division 3.
Existing Funding	Powell Bill
Potential Funding Sources	NCDOT STIP, SPOT Safety, PARTF, NC DPR, Clean Water Management Trust Fund, Adopt a Trail, Powell Bill Funds, Eat Smart, move More NC Community Grants, Federal PROTECT, Surface Transportation Program.
Estimated Cost	$80,000

Anticipated Benefit	Improvements to pedestrian and bicyclist safety, better access to community destinations, greater opportunities for active lifestyle, reduced need for vehicle trips and carbon reductions, enhanced resilient multimodal network. Benefit is high.
Priority Rating	Project was rated highly by a few survey respondents but overall was rated as a low priority by the majority of respondents.
Project Map(s)	Figure 8 shows the recommendations from the 2014 Ocean Isle Beach Bicycle and Pedestrian Plan. This study would focus on adding resilience components to planned improvements.

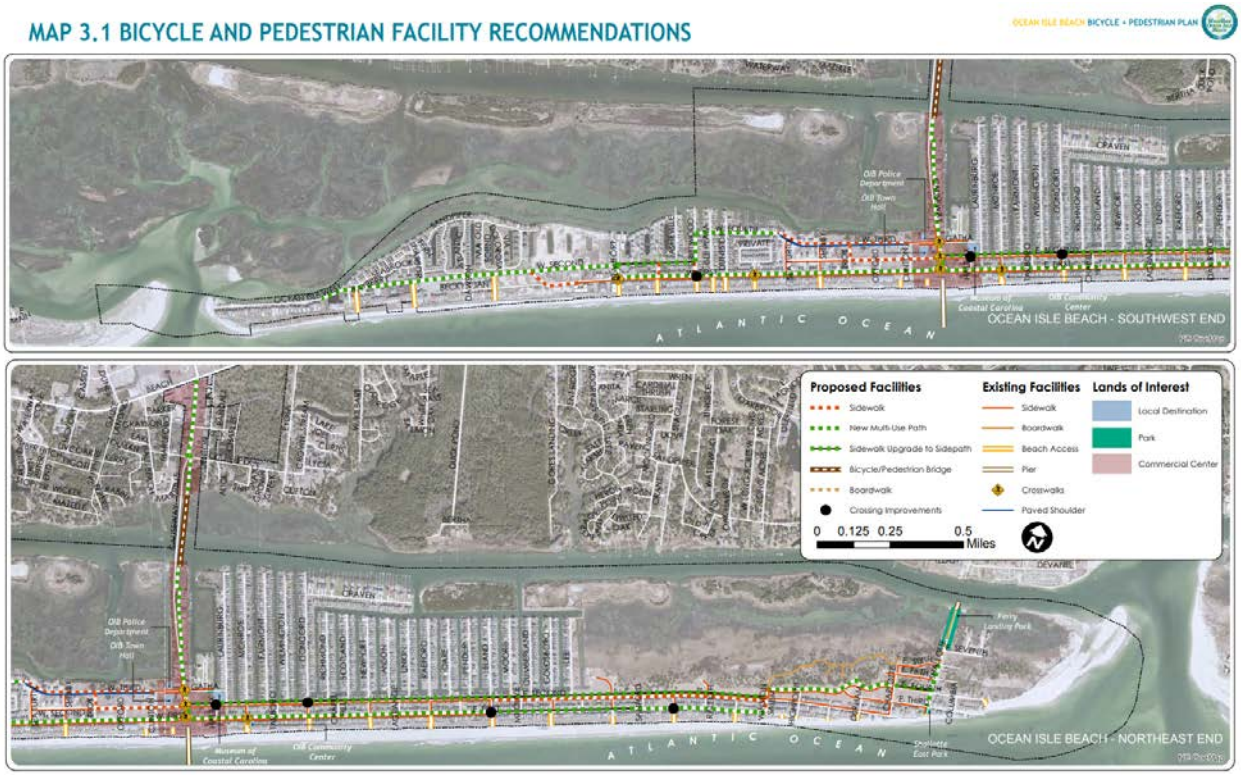

Figure 8. Map of recommendations from the 2014 Ocean Isle Beach Bicycle and Pedestrian Plan.