

FY 2023 Coastal Resilience Grant Awards

Recipient	Project Title	Funding	Description
Barnstable	Sandy Neck Beach Facility Preliminary Design and Permitting	\$128,127	The Town of Barnstable will design and initiate permitting for nature-based measures and a reconfiguration of the Sandy Neck Beach Facility to enhance storm damage protection to infrastructure, wetlands and endangered species habitat areas.
Boston	Technical Analysis and Resilient Schematic Design Options for Dorchester's Waterfront (Tenean Beach and Conley Street)	\$300,000	The City of Boston will advance previous climate vulnerability assessments to further analyze site conditions to address a critical flood entry point in Dorchester. The project will develop schematic designs to protect the waterfront and community from future sea level rise and coastal storms.
Brewster, Dennis and Orleans	Intermunicipal Shoreline Management for Southeastern Cape Cod Bay	\$288,414	The Towns of Brewster, Dennis and Orleans will partner on developing a comprehensive, science-based framework for managing the 14.5-mile shoreline between Rock Harbor in Orleans and Bass Hole in Dennis.
Chatham	Environmental Permitting for Current Redirection Structures and Nourishment of Crescent Beach	\$86,732	To mitigate significant shoaling within the Stage Harbor entrance channel and erosion of Crescent Beach, the Town of Chatham will undertake environmental permitting for temporary structures that redirect tidal currents combined with beach nourishment.
Chatham, on behalf of the Pleasant Bay Alliance	Pleasant Bay Living Shorelines: Jackknife Beach Salt Marsh Restoration	\$82,690	The Town of Chatham, on behalf of the Pleasant Bay Alliance, will complete permitting and prepare construction documents for a living shoreline project that will enhance fringing salt marsh and provide erosion protection at the Jackknife Beach recreational area.
Chilmark	Dune Restoration on Menemsha Public Beach	\$205,937	The Town of Chilmark will construct a 200-foot dune restoration project along Menemsha Public Beach. The project will reduce sand overwashing across the parking lot and into Menemsha Harbor and provide increased storm damage protection and flood control for landward areas.
Cohasset	Cohasset Cove and James Brook Watershed Flood	\$161,925	The Town of Cohasset will assess the vulnerability of the Wastewater Treatment Plant and Influent Pump Station located in Jacob's

	Vulnerability Assessment and Resiliency Strategies		Meadow and other public assets to current and future flooding conditions within the Cohasset Cove and James Brook Watershed. The project will develop resiliency strategies to mitigate flooding risks to these critical local and regional resources.
Duxbury Beach Reservation, Inc.	Beach Nourishment and Dune Enhancement at Duxbury Beach Reservation	\$1,800,000	The Duxbury Beach Reservation, Inc., will construct a 2,750-foot beach and dune nourishment project in front of the Duxbury Pavilion to provide increased storm damage protection and flood control to Duxbury Bay.
Duxbury Beach Reservation, Inc., Braintree, Chilmark, Falmouth and Winthrop	Comprehensive Monitoring of Cobble Berms	\$253,225	The Duxbury Beach Reservation, Inc., in partnership with the Towns of Braintree, Chilmark, Falmouth and Winthrop and the Stone Living Lab, will conduct comprehensive monitoring of recently constructed cobble berms to increase understanding of the design and performance of these nature-based approaches to shoreline management.
Gosnold	Gosnold Fuel Resilience Project - Construction	\$573,398	The Town of Gosnold will install a new above-ground fuel storage system that incorporates sea level rise considerations to replace recently removed underground tanks. Providing a resilient source of fuel for vessels, vehicles and home heating is critical to residents and visitors on the island.
House of Seven Gables Settlement Association	Preserving History: Assessments and Climate Adaptations at the House of Seven Gables	\$509,919	The House of Seven Gables will prepare an adaptation plan that identifies short-, medium- and long-term actions to improve the resilience of its campus and buildings to anticipated changes in groundwater elevation, precipitation, storm intensity and sea level rise.
Ipswich	Building Climate Resilience Through Adaptation at the Crane Estate - Argilla Road Adaptation Permitting	\$113,160	The Town of Ipswich and The Trustees of Reservations will continue permitting efforts for the Argilla Road Adaptation project, which aims to elevate Argilla Road and implement nature-based designs to provide a storm-resilient transition to adjacent wetlands and restore upland wetlands to full function through tidal exchange.
Manchester-by-the-Sea	Coastal Vulnerability Action Plan	\$175,132	The Town of Manchester-by-the-Sea will develop a conceptual action plan to reduce coastal flood risks in the downtown inner harbor waterfront. The project will develop

			alternatives for protecting critical assets including the Town Hall, wastewater treatment plant and downtown commercial district.
Marblehead	Public Access and Protection for the Marblehead Municipal Light Department and Adjoining Public Lands	\$523,220	The Town of Marblehead will continue public outreach, advance design plans and begin permitting for infrastructure retrofits to reduce flooding impacts along the shoreline encompassing the Municipal Light Department and adjacent properties.
Marshfield and Duxbury	Marshfield and Duxbury Beach and Dune Nourishment - Permitting and Beneficial Reuse Facilitation	\$70,598	The Towns of Marshfield and Duxbury will continue permitting efforts to implement beach and dune nourishment projects at vulnerable coastal beaches along the towns' east-facing shorelines. The towns will also continue public outreach to update the communities on the project and its public benefits.
Mass Audubon	Feasibility Study for Shoreline Restoration and Infrastructure Adaptations to Increase Coastal Resilience at Eastern Point Wildlife Sanctuary	\$96,824	Mass Audubon will examine the feasibility of shoreline restoration and infrastructure adaptations to the Eastern Point Wildlife Sanctuary and the terminal portion of Eastern Point Boulevard in Gloucester.
Mattapoisett	Reopening Old Slough Road for Vehicle Travel in Emergencies - Year 2	\$585,000	The Town of Mattapoisett will finalize design plans, permit and construct improvements to Old Slough Road, which will be used as an emergency route for vehicles traveling between the Point Connett and Angelica Point communities. These communities are currently accessed by Angelica Avenue, a single, low-lying road that is threatened by flooding from coastal storms and sea level rise.
Nahant	Forty Steps Beach - Conceptual Shore Protection Design	\$96,900	The Town of Nahant will evaluate alternative strategies for shore and coastal bank protection at Forty Steps Beach. The project will develop a conceptual design for the preferred alternative and initiate permitting discussions with agencies.
New Bedford	West Rodney French Boulevard Beach Nourishment - Finalize Permitting, Design Plans and	\$150,830	The City of New Bedford will complete environmental permitting and prepare final design plans and contract documents for the future construction of the West Rodney French Boulevard beach nourishment project. The

	Contract Document Preparation		proposed nourishment will help provide erosion protection to critical infrastructure located in the roadway.
Orleans	Rock Harbor Commercial Wharf Fuel System Improvements	\$599,516	The Town of Orleans will address the vulnerability of existing marine fuel facilities by removing underground fuel tanks located in a vulnerable area and replacing them with two new above-ground units in a safer and more landward location.
Plymouth	Plymouth Long Beach Mixed Sediment Nourishment	\$2,000,000	The Town of Plymouth will nourish a 2,000-foot section of Long Beach with sand, gravel and cobble to address impacts of increasingly severe storms that threaten properties and infrastructure on the barrier spit and along the Plymouth Harbor.
Provincetown	Ryder Street Beach Dune Enhancement Project - Finalize Permitting, Design Plans and Contract Document Preparation	\$80,355	The Town of Provincetown will develop final design plans, construction specifications and a monitoring and maintenance plan for a dune enhancement project along a 250-foot section of Ryder Street Beach to withstand storm events and improve coastal storm damage protection and flood control to the downtown area.
Salem	Palmer Cove Resiliency Enhancements and Community Engagement on Climate Change and Emergency Preparedness	\$480,485	The City of Salem will evaluate, permit and implement adaptation measures to mitigate near-term coastal flooding risks while also working to advance design plans and cost estimates for long-term resiliency improvements to the seawall and revetment at Palmer Cove Park. The project will also continue to engage the community on climate change and disaster preparedness.
Scituate	North Scituate Beach Nourishment - Design Plans, Contract Document and Construction	\$1,999,990	The Town of Scituate will prepare final design plans and contract documents and construct a portion of the North Scituate Beach nourishment project to mitigate the impact of coastal storms and sea level rise over the next 20 to 30 years. The project will include public meetings to communicate project purpose, expectations and updates.
Wareham	Resilient Main Street	\$199,918	The Town of Wareham will develop a conceptual plan for implementable adaptation measures that can reduce flood risk to the Main Street commercial district. The project will increase public understanding of the

			vulnerability of the area and explore nature-based solutions.
Wellfleet	Increasing Coastal Resiliency Through Intermunicipal Shoreline Management: Phase 3	\$546,180	The Town of Wellfleet, in partnership with the Towns of Eastham, Provincetown and Truro, will continue a multi-phase project to pursue a regional approach to shoreline management for Eastern Cape Cod Bay. The project will develop a regional sand management program and public data portal and finalize conceptual design strategies for four low-lying roads.
Woods Hole Oceanographic Institution	Resilient Woods Hole - Phase 2: Demonstrating the Power of a Public-Private Blue Economy Village Partnership in Implementing Community Climate Resiliency Solutions	\$499,981	The Woods Hole Oceanographic Institution will continue to work in partnership with the Town of Falmouth, Marine Biological Laboratory and Northeast Fisheries Science Center to design and construct floodproofing measures in near-term critical flood entry points, evaluate the feasibility of a dune restoration project on Stoney Beach and continue public outreach to build support for infrastructure adaptations.