

	Community	Project Name	Location	Estimated Cost	Description	Estimate Duration (Time to Complete)
This is a list of projects to be funded under the current \$5 million allocation. Another \$36 Millions is need to complete all projects.						
1	Surf City	Emergency Vehicle Access Ramp Improvements	Access points near 9th Street, Broadway Street, and Pender Avenue	\$600,000.00	See attached letter	230 days
2	Surf City	Storm Damage Reduction Plan: Vegetative Planting on New and Restored Dunes	Length of beachfront	\$430,640.00	See attached letter	Early 2020
3	Surf City	Stormwater Improvements	Little Kinston Rd & Delmar Beach area	\$630,000.00	See attached letter	120 days
4	Surf City	Berm Replacement		\$15,000,000.00	replacing the berm along the beach front	

	Community	Project Name	Location	Estimated Cost	Description	Estimate Duration (Time to Complete)
	North 5 Topsail	Dune Restoration	2076 New River Inlet Road to Myrtle Avenue (approximately 6 miles)	\$4,500,000.00	We had a number of breaches in all 11+ miles of our dune system. These dunes are the first line of protection from storm related events. We are seeking assistance in restoring these dunes. We are especially interested in restoring the dunes in our Coastal Barrier Resources Act (CBRA) Zone. FEMA has not given us a definitive answer if they will restore the dunes in this area. This dune restoration is based on a truck haul of approximately 100,000cy of sand.	90 days from start date

	Community	Project Name	Location	Estimated Cost	Description	Estimate Duration (Time to Complete)
	North Top 6 Sail	Sandbagging of Goldsboro Lane	Goldsboro Lane	\$300,000.00	Hurricane Florence washed away approximately 400 feet of Goldsboro Lane which is a Town owned street. Sandbagging this would help stabilize and protect the roadway and infrastructure. This roadway has water and sewer lines and is the primary access to several homes.	30 days from start date
	North 7 Topsail	Berm push along the beach strand	11 miles of beach	\$200,000.00	Because of the breaches of our dune system, there is a need to perform a berm push along the 11 miles of beach. This will help minimize the ocean overwash if a storm hits our coast until we fully restore the dune system.	60 days from start date

	Community	Project Name	Location	Estimated Cost	Description	Estimate Duration (Time to Complete)
	North 8 Topsail	New River Inlet Estuary Protection		\$11,000,000.00	Reef-maker Ecosystem estimates for the 3 protection options	
	9 Topsail	Emergency Stormwater Pumping Infrastructure	Seven sites identified throughout the Town	\$140,000.00	\$20,000 per site / See attached Project Review	Approximately 12 months after approval from NCDEQ
	10 Top Sail	Mobile Emergency Stormwater Pumps (3)	Would be used at the 7 sites mentioned above	\$60,000.00	\$20,000 per pump/ See attached Project Review	Purchased upon completion of Infrastructure Construction
	11 Top Sail	Potable Water Mainland Supply Line	Waterline constructed under the ICWW	\$3,000,000.00	See attached Project Review	Must be coordinated with Pender County
	12 Topsail	Improvement of Emergency Vehicle Access Ramps	Humphrey Avenue, Crews Avenue and Drum Avenue	\$540,000.00	\$180,000 per site /See attached Project Review	Approximately 230 days
	13 Topsail	Development of Shoreline Management Strategy / Implementation of Marsh Sills or similar measures	Along the sound side of Topsail Beach at potential public access sites	\$1,000,000.00	See attached Project Review	TBD

	Community	Project Name	Location	Estimated Cost	Description	Estimate Duration (Time to Complete)
14	Topsail	Storm Damage Reduction Plan: Vegetative Planting on New and Restored Dunes	Length of beachfront area from northernmost Town Limit to Serenity Point	\$665,520.00	See attached Project Review	Late 2019/Early 2020
15	North Topsail	North Topsail Public Works Stormwater Outlet & Permeable Pavement	North Topsail	\$76,000.00	See Attached (Page #1)	4-6 months
16	North Topsail	Green Street, Old Village Lane, Utopia Street – Stormwater Conveyance (Stump Sound Discharge)	North Topsail	\$115,000.00	See Attached (Page #1)	4-6 months
17	North Topsail	Old Village Lane –Beach Over-wash Remediation (Stump Sound Discharge)	North Topsail	\$23,000.00	See Attached (Page #2)	1-2 months
18	Surf City	Sound Side Park – Living Shoreline & Stormwater Conveyance (Stump Sound Discharge)	Surf City	\$960,000.00	See Attached (Page #2)	9-12 months

	Community	Project Name	Location	Estimated Cost	Description	Estimate Duration (Time to Complete)
19	Surf City	Roland Avenue (Old Topsail Island Bridge) Green Street	Surf City	\$194,000.00	See Attached (Page #3)	4-6 months
20	Topsail Island	Over-wash Impacts to Infrastructure through Island	Topsail Island	\$290,000.00	See Attached (Page #4)	6-9 months
21	Topsail Beach	Historical Society of Topsail Island Stormwater Outlet & Permeable Pavement	Topsail Beach	\$98,000.00	See Attached (Page #5)	4-6 months
22	North Topsail	Osprey Drive Living Shoreline	North Topsail	\$100,000.00	See Attached (Page #5)	6-9 months
23	Topsail Island	Stormwater BMP Maintenance & Retrofits Throughout Island	Topsail Island	\$290,000.00	See Attached (Page #6)	6-9 months
		Estimated Total Cost	23 Projects	\$40,212,160.00		

	Community	Project Name	Location	Estimated Cost	Description	Estimate Duration (Time to Complete)
		Beach Renourishment Projects				
24	Surf City	Surf City Beach Renourishment	Surf City	\$60,000,000.00	Restore and repair beach and dunes	12 months
25	North Topsail	Beach Renourishment Project	North Topsail	\$85,000,000.00	Restore and repair beach and dunes	
26	Topsail	Beach Renourishment Project	Topsail	\$12,000,000.00	Restore and repair beach and dunes	
		*Some of the cost associated with berm development (in the upper table) are duplicated under beach renourishment.	3 Projects	\$157,000,000.00		
		**Projects #5 &6 are included in "Beach Renourishment Projects"				