

ONWASA 10 YEAR CAPITAL IMPROVEMENT PLAN
2025 UPDATE
ADOPTED JUNE 18, 2025

No.	Project Description	Type	Service Area	YEARS 1-5 CAPITAL IMPROVEMENT NEEDS						YEARS 6 - 10	Project Total
				FY26	FY27	FY28	FY29	FY30	FY31-35		
	Buildings/Misc. Operational Projects										
CIP-035	Water & Sewer Operational Improvements (D+C)	R	Various	2,869,000	1,500,000				4,500,000	8,869,000	
N/A	Disaster Recovery Response Contracts (C only)	R	Various	1,000,000		1,000,000			3,000,000	5,000,000	
CIP-001	Building Roof Replacements (D+C)	R	Various		\$250,000		\$250,000		\$500,000	\$1,000,000	
CIP-011	Emergency Power Systems Upgrades (D+C)	R	Various	1,100,000	500,000	500,000	250,000		1,500,000	3,850,000	
CIP-043	Advanced Metering Infrastructure (C only)	R	Various	2,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	27,000,000	
	WATER SYSTEM										
	Raw Water and Monitoring Wells										
CIP-010	ORWRG Aquifer Study Monitoring Wells (D+C)	R	Various	175,000		150,000			300,000	625,000	
	Southwest WTP										
CIP-025A	Southwest WTP Feasibility and New Well Sites (D+C)	E	Southwest	1,000,000	1,500,000	3,000,000			11,250,000	16,750,000	
CIP-025B	Southwest Water Treatment Facility (D+C)	E	Southwest			36,000,000			96,000,000	132,000,000	
	Water Distribution System - Renovation										
CIP-032	Topsail Island Booster Pumping Station (D+C)	R	Southeast							-	
CIP-040	North Topsail Beach Water Tank (D+C)	R	Southeast	500,000	2,500,000	500,000				3,500,000	
CIP-017	Highway 24 Regional Trunk Water Main (D+C)	R	Northeast	10,250,000	10,250,000					20,500,000	
CIP-003	Water Main Interconnections, Phases 3 - 7 (D+C)	R	Various	200,000	500,000		500,000		1,500,000	2,700,000	
CIP-037	Water Main Aerial Crossing Replacements, Phase 1 (D+C)	R	Various	1,238,741						1,238,741	
CIP-004	SW Service Area Upgrades, Project 2 - Hwy 17 Trunk Main (D+C)	R	Southwest	250,000	500,000	5,100,000			16,200,000	22,050,000	
CIP-018	Queens Creek Road Water Main Upgrades (D+C)	R	Northeast						5,400,000	5,400,000	
CIP-019	Rocky Run Road Water Main Upgrades (D+C)	R	Northeast						6,500,000	6,500,000	
CIP-038	Dixon WTP Expansion (D+C)	E	Various	5,000,000	25,000,000	20,000,000				50,000,000	
CIP-039	Water Master Plan (D)	E	Various	250,000	250,000	250,000	250,000	250,000	1,250,000	2,500,000	
CIP-041	Ocean Road Water Extension (D+C)	R	Southeast	500,000						500,000	
	WASTEWATER SYSTEM										
	Northwest Regional Water Reclamation Facility										
N/A	Hurricane Florence Recovery (C only)	R	Northwest	48,942						48,942	
	Southeast Regional WWTPs										
CIP-005	Summerhouse Interim Capacity Improvements (D+C)	R	Southeast	6,549,100						6,549,100	
CIP-028A	Southeast Transmission System Phase I (D+C)	E	Southeast	18,000,000						18,000,000	
CIP-028B	Southeast Transmission System Phase II (D+C)	E	Southeast		20,000,000					20,000,000	
CIP-028C	North Topsail WWTP Expansion (D+C)	E	Southeast	10,000,000	42,000,000					52,000,000	
	Swansboro WWTP										
CIP-006A	Hwy 24 Utility Improvements - Wastewater Force Main (D+C)	E	Northeast	18,000,000	4,130,000					22,130,000	
CIP-046	Northeast WWTP (D+C)	E	Northeast						51,000,000	51,000,000	

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				FY26	FY27	FY28	FY29	FY30	FY31-35	
	WASTEWATER SYSTEM (cont.)									
	Wastewater Collection System - Renovation									
CIP-016	Pumping Station Assessments/Rehabilitation (D+C)	R	Various	1,000,000	1,000,000		1,000,000		3,000,000	6,000,000
CIP-033	Hargett Street & Shore Drive Pump Stations Rehabilitation (D+C)	R	Various	500,000	500,000					1,000,000
CIP-034	Piney Green Sewer Phase 2 - Hickory Grove Closure (C only)	R	Northeast							0
CIP-036	Mount Pleasant Road Pump Station Relocation (D+C)	R	Northeast	1,675,000						1,675,000
CIP-042	Ocean Road/ Jenkins Street Pump Station (D+C)	E	Southeast	3,500,000	250,000					3,750,000
	Wastewater Collection System - Expansion									
CIP-008	NW Plant - Kenwood/Bishops Ridge Service Extension (D+C)	E	Southwest				500,000		5,800,000	6,300,000
CIP-020	NW Plant - Liberty Park Road Service Extension (D+C)	E	Southwest				250,000		2,700,000	2,950,000
CIP-021	NW Plant - Hill Farms Service Extension (D+C)	E	Northwest				460,000		4,600,000	5,060,000
CIP-022	NW Plant - Denise Dr/Greystone Dr Service Extension (D+C)	E	Southwest				400,000		4,000,000	4,400,000
CIP-029	NW Plant - Plum Point Sewer Extension (D+C)	E	Southwest				400,000		4,400,000	4,800,000
CIP-030	Piney Green FM - Birchwood Park Service Extension (D+C)	E	Northeast				150,000		1,400,000	1,550,000
CIP-044	Southeast Regional Wastewater Force Main (D+C)	E	Southeast	3,000,000	17,000,000	15,000,000				35,000,000
			Totals	\$88,605,783	\$132,630,000	\$86,500,000	\$9,410,000	\$5,250,000	\$229,800,000	\$552,195,783
							Total: Years 1-5	\$322,395,783		

Notes:

Chart does not reflect active projects funded in previous budget years.

All cost estimates are based on project information available at the time this report was prepared.

Actual costs for individual projects will not be final until contracts are awarded; estimated costs are for planning purposes only.

Type Codes: E - System Expansion Project R - Repair/Rehabilitation Project

D - Design, C - Construction