

Town of Barnstable

FISCAL
YEAR **2025**

CAPITAL BUDGET

AND

FY2025-2029 CAPITAL IMPROVEMENT PLAN



Prepared by:
Town of Barnstable
Administrative Services - Finance Division



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
Award*

PRESENTED TO

**Town of Barnstable
Massachusetts**

For the Fiscal Year Beginning

July 01, 2022

Christopher P. Morill

Executive Director

*The Government Finance Officers Association of the United States and Canada (GFOA) has presented a Distinguished Budget Award to the Town of Barnstable for the fiscal year beginning July 1, 2022. The award is the highest form of recognition in governmental budgeting. In order to receive this award, a government unit must publish a budget document that meets program criteria as a policy document, as an operations guide, as a financial plan, and as a communications device. The Town of Barnstable has been presented with this prestigious award for the **thirteenth consecutive year**.*

The criterion on which the award for fiscal year 2023 was based will be used as a guide in preparing the budget for fiscal year 2025. Therefore, it is my belief that the Capital and Operating budgets presented for fiscal year 2025 conform to program requirements, and I will submit them to GFOA to determine their eligibility for another award. My Staff, Mark Milne, Finance Director, and Nathan Empey, Finance/Budget Analyst, are to be congratulated for their parts in this and the previous awards.

Mark S. Ells
Town Manager

ELECTED OFFICIALS

BARNSTABLE TOWN COUNCIL

Felicia R. Penn, Council President, Precinct 13
Craig A. Tamash, Council Vice President, Precinct 4
Gordon Starr, Precinct 1
Kristin E. Terkelsen, Precinct 2
Betty Ludtke, Precinct 3
John R. Crow, Precinct 5
Paul C. Neary, Precinct 6
Seth W. Burdick, Precinct 7
Jeffrey Mendes, Precinct 8
Charles R. Bloom, Precinct 9
Mathew P. Levesque, Precinct 10
Kristine Clark, Precinct 11
Paula K. Schnepf, Precinct 12

BARNSTABLE SCHOOL COMMITTEE

Kathy Bent, Chair
Mike Judge, Vice Chair
Jennifer Cullum
Peter Goode
Andrew King

TOWN CLERK

Ann M. Quirk, CMC

TOWN ADMINISTRATION

Mark S. Ells	Town Manager
Andrew M. Clyburn	Assistant Town Manager
Katie Servis	Barnstable Cape Cod Gateway Airport Manager
Cynthia A. Lovell	Town Council Administrator
Jean Challies	Acting Chief of Police
Elizabeth Jenkins	Director of Planning & Development
Chris Gonnella	Director of Community Services
Derek Lawson	Director of Marine & Environmental Affairs
Daniel W. Santos, P.E.	Director of Public Works
Brian Florence	Director of Inspectional Services/Building Commissioner

SCHOOL ADMINISTRATION

Sara Ahern	Superintendent of Schools
Kristen Harmon	Assistant Superintendent of Schools

OTHER TOWN OFFICIALS

Karen Nober, Esq.	Town Attorney
Mark A. Milne, C.P.A	Director of Finance
Sean O'Brien	Treasurer/Collector
Lane Partridge	Director of Assessing
William E. Cole	Director of Human Resources
James A. Benoit	Director of Information Technology
Greg Quilty	Director of Veterans Services

AIRPORT COMMISSION

John T. Griffin, Jr. - Chair
John Flores - Vice Chair
Norman Weill - Clerk
Wendy Bierwith - Commissioner
Mark A. Guiod - Commissioner
Bradley Bailey - Commissioner
Joe DiGeorge - Commissioner

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Front Cover Photo: Oyster Opening Day, 2023
Back Cover Photo: FY 2025 Budget Action Calendar
Editors: Mark A. Milne, CPA Director of Finance
Gareth Markwell, Deputy Director of Finance for Municipal Operations

PART I – CAPITAL IMPROVEMENT PLAN SUBMISSIONS

Cost and Fiscal Year Summary

The capital projects identified by departments in this year’s capital improvement plan process represent a total of \$269 million of requests for FY 2025 and a combined total of \$866 million over a five-year period. Of the \$866 million, \$171 million represents Enterprise Funds, \$263 million are General Fund requests and \$431 million are Comprehensive Wastewater Management Plan (CWMP) requests.

Fiscal Year	Enterprise Funds	General Fund	Comprehensive Wastewater Mgt. Plan (CWMP)	Total
2025	\$ 60,508,725	\$ 38,975,055	\$ 169,730,000	\$ 269,213,780
2026	22,572,036	90,010,773	48,100,000	160,682,809
2027	50,789,688	82,800,022	113,099,000	246,688,710
2028	23,174,528	29,984,378	53,550,000	106,708,906
2029	14,055,000	21,261,235	47,400,000	82,716,235
Totals	\$ 171,099,977	\$ 263,031,463	\$ 431,879,000	\$ 866,010,440

Projects for the Enterprise Funds distributed by fund are as follows:

Enterprise Fund	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Totals
Airport	\$ 4,132,400	\$ 80,000	\$ 15,400,000	\$ 18,950,000	\$ 9,485,000	\$ 48,047,400
Marina	9,195,000	1,229,500	5,030,000	670,500	-	16,125,000
Sandy Neck	-	5,600,000	-	-	-	5,600,000
HYCC	1,129,762	4,362,536	1,764,688	549,028	-	7,806,014
Golf	4,071,563	-	-	-	-	4,071,563
Water Pollution	1,865,000	9,400,000	500,000	1,250,000	2,815,000	15,830,000
Water Supply	39,800,000	1,700,000	27,700,000	1,700,000	1,700,000	72,600,000
Solid Waste	315,000	200,000	395,000	55,000	55,000	1,020,000
Totals	\$ 60,508,725	\$ 22,572,036	\$ 50,789,688	\$ 23,174,528	\$ 14,055,000	\$ 171,099,977

General Fund projects identified by department are as follows:

General Fund Department	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Totals
Police	\$ 370,000	\$ 2,350,000	\$ 2,690,000	\$ -	\$ -	\$ 5,410,000
Marine & Environmental Affairs	3,860,623	8,434,000	4,735,000	6,800,000	2,600,000	26,429,623
Community Services	7,096,000	8,600,684	979,000	440,550	-	17,116,234
Public Works	17,728,232	44,692,689	54,452,022	12,830,828	5,376,235	135,080,006
School	9,920,200	25,933,400	19,944,000	9,913,000	13,285,000	78,995,600
Totals	\$ 38,975,055	\$ 90,010,773	\$ 82,800,022	\$ 29,984,378	\$ 21,261,235	\$ 263,031,463

Detailed Project Listing

The description and justification for each project listed on the following tables are included in Part V and Part VI of this document. Part V contains projects recommended for funding in the FY 2025 program while Part VI includes those projects that will be addressed in subsequent years.

Project Submissions for Enterprise Funds

DEPT	PRIORITY	PROJECT TITLE	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTALS
BMA	1	HVAC Upgrades to Terminal & Tower	2,082,400	-	-	-	-	2,082,400
BMA	2	Terminal Optimization Program	1,500,000	-	-	-	-	1,500,000
BMA	3	Electric Aircraft Charging Facility	550,000	-	-	-	-	550,000
BMA	4	Replace SRE Equipment - Airport #32 (Chevy 2500HD)	-	80,000	-	-	-	80,000
BMA	5	Relocate & Extend Taxiway B	-	-	8,800,000	-	-	8,800,000
BMA	6	Terminal Upgrades - Jetway/Gate Expansion/Hold room expansion	-	-	6,500,000	-	-	6,500,000
BMA	7	Replace SRE Equipment - Airport #38 (ASV Skid Steer Plow)	-	-	100,000	-	-	100,000
BMA	8	Reconstruction and Re-Alignment of Taxiways Delta and Echo at Runway 15	-	-	-	12,200,000	-	12,200,000
BMA	9	Acquire Easements/Acquisition for Future Construction/Runway Extension	-	-	-	6,750,000	6,750,000	13,500,000
BMA	10	SRE Equipment Storage Facility	-	-	-	-	2,000,000	2,000,000
BMA	11	Jet A Fuel Storage Tank	-	-	-	-	735,000	735,000
TOTAL AIRPORT			\$ 4,132,400	\$ 80,000	\$ 15,400,000	\$ 18,950,000	\$ 9,485,000	\$ 48,047,400
MAR	1	Bismore Park Bulkhead & Marina Improvements	9,195,000	410,000	4,100,000	-	-	13,705,000
MAR	2	Prince Cove Marina Improvements - Construction	-	819,500	-	670,500	-	1,490,000
MAR	3	Barnstable Harbor Marina Revetment	-	-	930,000	-	-	930,000
TOTAL MARINA			\$ 9,195,000	\$ 1,229,500	\$ 5,030,000	\$ 670,500	\$ -	\$ 16,125,000
SDN	1	Sandy Neck Beach Facility Reconfiguration - Construction	-	5,600,000	-	-	-	5,600,000
TOTAL SANDY NECK			\$ -	\$ 5,600,000	\$ -	\$ -	\$ -	\$ 5,600,000
HYCC	1	HYCC Facility Mechanical Improvements	300,000	1,765,625	1,764,688	549,028	-	4,379,341
HYCC	2	HYCC Security System	285,059	-	-	-	-	285,059
HYCC	3	HYCC Recreation Master Planning	288,727	-	-	-	-	288,727
HYCC	4	HYCC Rink Slab Replacement	255,976	2,596,911	-	-	-	2,852,887
TOTAL HYCC			\$ 1,129,762	\$ 4,362,536	\$ 1,764,688	\$ 549,028	\$ -	\$ 7,806,014

Project Submissions for the Enterprise Funds – Continued

DEPT	PRIORITY	PROJECT TITLE	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTALS
GOLF	1	Hyannis Golf Course Club House Restoration	2,950,000	-	-	-	-	2,950,000
GOLF	2	Hyannis GC Bunker Renovation	750,000	-	-	-	-	750,000
GOLF	3	Old Barnstable Fairgrounds Maintenance Building	371,563	-	-	-	-	371,563
TOTAL GOLF			\$ 4,071,563	\$ -	\$ -	\$ -	\$ -	\$ 4,071,563
WPC	1	Pump Station Rehabilitation Program	1,000,000	1,900,000	400,000	400,000	2,000,000	5,700,000
WPC	2	Effluent Sand Bed Valve Rehabilitation	600,000	-	-	-	-	600,000
WPC	3	Sewer System Rehabilitation- Evaluation and Design	150,000	-	-	850,000	500,000	1,500,000
WPC	4	Bypass Pump	115,000	-	-	-	-	115,000
WPC	5	Downtown Hyannis Force Main Rehabilitation -- Construction	-	7,500,000	-	-	-	7,500,000
WPC	6	Tractor 259 Replacement	-	-	100,000	-	-	100,000
WPC	7	Tow Behind Generator	-	-	-	-	150,000	150,000
WPC	8	Crane Truck 246 Replacement	-	-	-	-	165,000	165,000
TOTAL WATER POLLUTION CONTROL			\$ 1,865,000	\$ 9,400,000	\$ 500,000	\$ 1,250,000	\$ 2,815,000	\$ 15,830,000
WS	1	Pipe Replacement and Upgrade Program	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
WS	2	Wells, Pump Stations, Treatment Plant Upgrades	200,000	200,000	200,000	200,000	200,000	1,000,000
WS	3	Straightway Filtration Plant	35,500,000	-	-	-	-	35,500,000
WS	4	Mary Dunn Filtration Plant-Design	2,600,000	-	26,000,000	-	-	28,600,000
TOTAL WATER SUPPLY			\$ 39,800,000	\$ 1,700,000	\$ 27,700,000	\$ 1,700,000	\$ 1,700,000	\$ 72,600,000
SW	1	Tractor Brush-Mower replacement	90,000	-	-	-	-	90,000
SW	2	Sweeper Replacement	50,000	-	-	-	-	50,000
SW	3	Compactor Unit Replacement	125,000	150,000	65,000	-	-	340,000
SW	4	Container Replacement	50,000	50,000	55,000	55,000	55,000	265,000
SW	5	Roll-Off Truck Replacement	-	-	275,000	-	-	275,000
TOTAL SOLID WASTE			\$ 315,000	\$ 200,000	\$ 395,000	\$ 55,000	\$ 55,000	\$ 1,020,000
TOTAL ENTERPRISE FUNDS			\$ 60,508,725	\$ 22,572,036	\$ 50,789,688	\$ 23,174,528	\$ 14,055,000	\$ 171,099,977

Project Submissions for the Comprehensive Wastewater Management Plan (CWMP)

DEPT	PRIORITY	PROJECT TITLE	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTALS
CWMP	1	Nitrogen Removal Improvements and Water Pollution Control Facility Upgrade	109,330,000	-	63,399,000	-	-	172,729,000
CWMP	2	Rt. 28 West Sewer Expansion	59,650,000	-	-	-	-	59,650,000
CWMP	3	Long Beach Sewer Expansion	750,000	-	9,000,000	-	-	9,750,000
CWMP	4	Great Marsh Road Sewer Expansion – Design and Permitting	-	2,500,000	-	38,000,000	-	40,500,000
CWMP	5	Mill Pond Dredging	-	5,000,000	150,000	-	-	5,150,000
CWMP	6	South County Rd Sewer Expansion	-	600,000	1,500,000	-	21,000,000	23,100,000
CWMP	7	Phinney's Lane Neighborhoods Sewer Expansion	-	40,000,000	-	-	-	40,000,000
CWMP	8	Effluent Disposal Alternatives	-	TBD	-	TBD	-	-
CWMP	9	Warren's cove Aquaculture Project - Design and Permitting	-	TBD	-	TBD	-	-
CWMP	10	Prince Cove Sewer Expansion	-	-	750,000	1,500,000	25,000,000	27,250,000
CWMP	11	Huckins Neck Rd Sewer Expansion	-	-	300,000	700,000	-	1,000,000
CWMP	12	Long Pond Area Sewer Expansion	-	-	38,000,000	-	-	38,000,000
CWMP	13	Old Yarmouth Rd Sewer Expansion	-	-	-	12,750,000	-	12,750,000
CWMP	14	Osterville Woods Sewer Expansion - Design and Survey	-	-	-	600,000	1,400,000	2,000,000
TOTAL COMPREHENSIVE WASTEWATER MANAGEMENT			\$ 169,730,000	\$ 48,100,000	\$ 113,099,000	\$ 53,550,000	\$ 47,400,000	\$ 431,879,000

Project Submissions for the General Fund

DEPT	PRIORITY	PROJECT TITLE	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTALS
ASD	1	IT Network Infrastructure Upgrades	175,000	150,000	150,000	150,000	150,000	775,000
		TOTAL ADMINISTRATIVE SERVICES	\$ 175,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 775,000
BPD	1	Barnstable Police Facility Improvements	370,000	2,350,000	2,690,000	-	-	5,410,000
		TOTAL POLICE	\$ 370,000	\$ 2,350,000	\$ 2,690,000	\$ -	\$ -	\$ 5,410,000
MEA	1	MEA Exterior Restoration Project	359,623	-	-	-	-	359,623
MEA	2	Channel Dredging Program	1,750,000	2,125,000	2,245,000	1,900,000	2,600,000	10,620,000
MEA	3	MEA Storage Facility - Design	170,000	1,140,000	-	-	-	1,310,000
MEA	4	Mill Pond Fishway	-	2,520,000	-	-	-	2,520,000
MEA	5	MEA Parking Lot Improvements	300,000	-	-	-	-	300,000
MEA	6	Bulkhead Improvements	580,000	-	490,000	-	-	1,070,000
MEA	7	Little River Fish Passage Restoration	-	TBD	-	TBD	-	-
MEA	8	Hyannis Breakwater	245,000	TBD	-	-	-	245,000
MEA	9	Cotuit Town Dock Improvements	-	1,680,000	-	-	-	1,680,000
MEA	10	Bay Shore Road Boat Ramp	256,000	719,000	-	-	-	975,000
MEA	11	West Bay Breakwater	50,000	250,000	-	4,900,000	-	5,200,000
MEA	12	Blish Point Construction for Long Term Solution	150,000	-	2,000,000	-	-	2,150,000
		TOTAL MARINE & ENVIRONMENTAL AFFAIRS	\$ 3,860,623	\$ 8,434,000	\$ 4,735,000	\$ 6,800,000	\$ 2,600,000	\$ 26,429,623
CSD	1	Centerville Recreation Field	568,000	-	-	-	-	568,000
CSD	2	Automatic Beach Gate	240,000	-	-	-	-	240,000
CSD	3	Osterville Comfort Station	1,639,000	-	-	-	-	1,639,000
CSD	4	Barnstable Adult Community Center Exterior Restoration	521,000	270,000	-	-	-	791,000
CSD	5	Town Recreation Field Improvements	760,000	2,985,950	979,000	440,550	-	5,165,500
CSD	6	Kennedy Memorial Renovation	2,270,000	-	-	-	-	2,270,000
CSD	7	Salt Water Beach House Improvements	235,000	TBD	TBD	TBD	TBD	235,000
CSD	8	Hathaway's Pond Bathhouse and Site Improvements	-	2,044,734	-	-	-	2,044,734
CSD	9	Hamblin Pond Bathhouse and Site Improvements	315,000	1,630,000	-	-	-	1,945,000
CSD	10	Community Building Security System	243,000	-	-	-	-	243,000
CSD	11	Joshua's Pond Handicap Accessibility & Beach Improv.	305,000	1,670,000	-	-	-	1,975,000
		TOTAL COMMUNITY SERVICES	\$ 7,096,000	\$ 8,600,684	\$ 979,000	\$ 440,550	\$ -	\$ 17,116,234

Project Submissions for the General Fund – Continued

DEPT	PRIORITY	PROJECT TITLE	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTALS
DPW	1	Public Roads Maintenance	3,850,000	3,950,000	4,050,000	4,150,000	4,250,000	20,250,000
DPW	2	Town Hall Elevator Replacement	250,000	1,710,000	-	-	-	1,960,000
DPW	3	Mosswood Cemetery Columbarium	295,500	-	-	-	-	295,500
DPW	4	Curb Ramps & Sidewalks ADA Transition Plan	350,000	368,000	385,000	405,000	426,000	1,934,000
DPW	5	Public Bridge Maintenance and Repairs	340,000	1,389,000	856,000	827,000	404,000	3,816,000
DPW	6	School Admin. Building Mechanical Cooling Upgrades	619,000	-	-	-	-	619,000
DPW	7	Private Road Repairs – School Street & Old Mill Road in Marstons Mills	1,520,000	585,000	-	-	-	2,105,000
DPW	8	MEA Building Mechanical Improvements	51,000	117,000	-	-	-	168,000
DPW	9	Barnstable Adult Community Center Mechanical Upgrades	72,000	366,000	-	-	-	438,000
DPW	10	Centerville Recreation Mechanical Improvements	243,000	1,491,863	813,604	397,303	68,420	3,014,190
DPW	11	Monitoring and Mgt. Plan - Freshwater Ponds	135,000	405,000	200,000	TBD	TBD	740,000
DPW	12	Ponds Solution - Permit & Implement	TBD	TBD	TBD	TBD	TBD	-
DPW	13	Old Selectmen’s Building Handicapped Ramp.	89,000	-	-	-	-	89,000
DPW	14	Pitcher’s Way Shared Use Path (Bearse’s Way to Smith Street) - Design	390,000	-	3,000,000	-	-	3,390,000
DPW	15	North Street Sidewalk Extension	90,000	796,000	-	-	-	886,000
DPW	16	Cape Cod Airfield Hanger Repair	105,076	440,000	-	-	-	545,076
DPW	17	Mosswood Cemetery Building Improvements	90,300	300,000	-	-	-	390,300
DPW	18	Oyster Harbors Bridge Improvements – Design & Permitting	450,000	3,000,000	-	2,000,000	-	5,450,000
DPW	19	Raised Crosswalks on Main St, Osterville Village	685,000	-	-	-	-	685,000
DPW	20	Phinney’s Lane and Wequaquet Lane Sidewalk Extensions – Design and Construction	125,000	1,585,000	-	-	-	1,710,000
DPW	21	Main Street, Centerville Village Pedestrian Improvements – Design	250,000	2,450,000	-	-	-	2,700,000
DPW	22	South Street Pedestrian Improvements	468,000	3,600,000	-	-	-	4,068,000
DPW	23	Bismore Park Improvements	233,000	991,000	-	-	-	1,224,000
DPW	24	Maraspin Creek Culvert Replacements (Indian Trail and Swallow Hill Drive)	285,000	-	1,900,000	-	-	2,185,000
DPW	25	Craigville Beach Road Pedestrian Improvements	200,000	1,500,000	-	-	-	1,700,000
DPW	26	Town Office Relocation Project	618,759	-	-	-	-	618,759
DPW	27	Armory Building Improvements	3,100,000	-	-	-	-	3,100,000
DPW	28	West Barnstable Railroad Depot Restoration	896,000	-	-	-	-	896,000
DPW	29	46 Pearl Street Repairs	393,000	250,900	-	-	-	643,900
DPW	30	50 Pearl Street Repairs	471,000	106,346	-	-	-	577,346
DPW	31	Cotuit Memorial Park Restoration	520,434	-	-	-	-	520,434
DPW	32	Old Jail Repairs - Design	105,738	345,904	-	-	-	451,642
DPW	33	Concrete Guardrail Replacement	187,425	196,796	206,636	216,967	227,815	1,035,639
DPW	34	Hawes Ave. Culvert Reconstruction	-	1,400,000	-	-	-	1,400,000
DPW	35	Hyannis West End Rotary	-	250,000	3,050,000	-	-	3,300,000
DPW	36	Old Town Hall - JFK Museum improvements	-	1,978,810	-	-	-	1,978,810
DPW	37	West Main Street Pedestrian & Bicycle Improvements	-	624,000	4,800,000	-	-	5,424,000
DPW	38	West Main St & Pine St Intersection	-	1,240,000	-	-	-	1,240,000
DPW	39	Emergency Generator Implementation Plan	-	1,033,282	447,325	-	-	1,480,607
DPW	40	Town Hall & School Admin Security Improvements	-	409,600	1,021,480	-	-	1,431,080

Project Submissions for the General Fund – Continued

DEPT	PRIORITY	PROJECT TITLE	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTALS
DPW	41	Marstons Mills Playground	-	682,000	-	-	-	682,000
DPW	42	U.S. Custom House Interior Building Improvements	-	763,882	-	-	-	763,882
DPW	43	Barnstable Rd Streetscape	-	1,560,000	12,000,000	-	-	13,560,000
DPW	44	Guyer Barn Improvements	-	375,000	-	-	-	375,000
DPW	45	U.S. Custom House Site Improvements	-	223,269	604,785	-	-	828,054
DPW	46	Commerce Rd Resiliency Improvements & Culvert	-	5,100,000	-	-	-	5,100,000
DPW	47	Sidewalks on Commerce Road	-	1,230,000	-	-	-	1,230,000
DPW	48	Town Hall Parking Lot improvements	-	85,000	870,000	-	-	955,000
DPW	49	Town Hall Campus Parking Garage	-	1,242,967	15,289,422	-	-	16,532,389
DPW	50	Burgess Bram Improvements	-	91,070	641,770	-	-	732,840
DPW	51	DPW 382 Falmouth Rd Facility Parking Lot Repairs	-	460,000	-	-	-	460,000
DPW	52	East Bay Road and Wianno Avenue Sidewalks	-	-	156,000	1,200,000	-	1,356,000
DPW	53	Cotuit Playground Project	-	-	1,153,000	-	-	1,153,000
DPW	54	Structures And Grounds Parking Lot Expansion	-	-	787,000	-	-	787,000
DPW	55	DPW Administration Office Expansion	-	-	1,970,000	-	-	1,970,000
DPW	56	Old Town Hall Basement Storage	-	-	-	634,558	-	634,558
DPW	57	Stewarts Creek Restoration Study	250,000	-	250,000	3,000,000	-	3,500,000
TOTAL PUBLIC WORKS			\$ 17,728,232	\$ 44,692,689	\$ 54,452,022	\$ 12,830,828	\$ 5,376,235	\$ 135,080,006

SCH	1	Elevator Installation BCIS	900,000	-	-	-	-	900,000
SCH	2	Playground Safety	550,000	-	-	-	-	550,000
SCH	3	Paging System Upgrade - Hy West / Enoch Cobb	85,000	-	-	-	-	85,000
SCH	4	BIS Exterior Door Replacement	344,000	-	-	-	-	344,000
SCH	5	Unit Ventilator Replacement / Chiller Swap	3,353,700	-	-	-	-	3,353,700
SCH	6	Auditorium RTU Replacement	650,000	-	-	-	-	650,000
SCH	7	Hyannis West Parking	78,000	-	-	-	-	78,000
SCH	8	BHS Network Based Public Address System	757,700	-	-	-	-	757,700
SCH	9	Hyannis West Locker Room Reno to Teaching Spaces	160,000	-	-	-	-	160,000
SCH	10	Plumbing Fixtures Replacement K-3	200,000	-	-	-	-	200,000
SCH	11	BHS Bathroom Renovations	1,110,000	-	-	-	-	1,110,000
SCH	12	BHS Roof Replacement - Design	350,000	3,500,000	3,600,000	3,700,000	3,800,000	14,950,000
SCH	13	BUE Library Carpet Remove and Replace	63,800	-	-	-	-	63,800
SCH	14	Hyannis West Bathroom Renovations	318,000	-	-	-	-	318,000
SCH	15	Direct Digital Controls Upgrades HVAC	1,000,000	850,000	850,000	-	-	2,700,000
SCH	16	Accessibility Upgrades	-	1,159,600	-	-	-	1,159,600
SCH	17	Closed Walkway to Hyannis West	-	195,000	-	-	-	195,000
SCH	18	BHS/BIS RTU Replacement Project Phase 5	-	3,000,000	2,000,000	1,500,000	-	6,500,000
SCH	19	Gym / Field House Windows Replacement	-	537,800	-	-	-	537,800
SCH	20	Centerville Roof Replacement (Membrane and Shingle)	-	1,401,400	-	-	-	1,401,400
SCH	21	Gym Floor Replacement - BWB	-	70,000	-	-	-	70,000
SCH	22	BUE Kitchen Hood / Make-up Air Units Replacement	-	65,000	-	-	-	65,000
SCH	23	BIS Library Carpet Remove and Replace	-	62,700	-	-	-	62,700
SCH	24	West Villages Mill and Repave Playground Blacktop	-	96,000	-	-	-	96,000
SCH	25	BWB Replace Membrane Roof	-	500,500	-	-	-	500,500

Project Submissions for the General Fund – Continued

DEPT	PRIORITY	PROJECT TITLE	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTALS
SCH	26	BUE Interior Door Replacement	-	720,000	-	-	-	720,000
SCH	27	BIS Primary / Secondary Pump Replacement	-	62,400	-	-	-	62,400
SCH	28	Hyannis West Parking Lot Mill and Repave	-	245,700	-	-	-	245,700
SCH	29	Mechanical Upgrades	-	250,000	250,000	250,000	-	750,000
SCH	30	Hyannis West Roadway Mill and Repave	-	259,700	-	-	-	259,700
SCH	31	BHS Locker Room Renovations	-	250,000	-	-	-	250,000
SCH	32	BHS Exhaust Fan Replacement / Upgrades	-	507,600	-	-	-	507,600
SCH	33	Hyannis West Masonry Repairs	-	142,000	-	-	-	142,000
SCH	34	BHS Patch Parking and Drives	-	703,000	-	-	-	703,000
SCH	35	Hy West Convert Heating System From Steam to Hot Water	-	2,633,400	-	-	-	2,633,400
SCH	36	Performing Arts Center Upgrades / Repairs	-	1,200,000	-	-	-	1,200,000
SCH	37	Generator Replacement / Co-Generator Installation	-	1,000,000	-	-	-	1,000,000
SCH	38	Window Replacement Osterville Campus	-	750,000	-	-	-	750,000
SCH	39	Maintenance Sprinkle Building	-	123,600	-	-	-	123,600
SCH	40	BHS Masonry Repair/Repoint	-	234,000	-	-	-	234,000
SCH	41	BHS Repaint/replace interior doors	-	150,000	-	-	-	150,000
SCH	42	Field House Improvements	-	273,000	-	-	-	273,000
SCH	43	BHS Replace DHW Mixing Valves	-	78,000	-	-	-	78,000
SCH	44	BIS Gym Floor	-	114,000	-	-	-	114,000
SCH	45	BIS Café VCT	-	66,000	-	-	-	66,000
SCH	46	BIS Exhaust Fans Replacement	-	96,000	-	-	-	96,000
SCH	47	BIS Paving Main Driveway Repair Cracks	-	61,000	-	-	-	61,000
SCH	48	BIS Replace Sidewalk	-	69,000	-	-	-	69,000
SCH	49	BUE Locker Rm Roof	-	112,000	-	-	-	112,000
SCH	50	BUE DDC Controls	-	878,000	-	-	-	878,000
SCH	51	BUE Data Cabling	-	183,000	-	-	-	183,000
SCH	52	Acoustical Ceiling in Classrooms	-	130,000	-	-	-	130,000
SCH	53	BWB Paving Repairs	-	55,000	-	-	-	55,000
SCH	54	Centerville Windows Rm 2,4,6,8	-	313,000	-	-	-	313,000
SCH	55	Centerville Windows New Wing	-	1,183,000	-	-	-	1,183,000
SCH	56	Centerville Sprinkler Building	-	588,000	-	-	-	588,000
SCH	57	BCIS Casework	-	100,000	-	-	-	100,000
SCH	58	BCIS Sprinkler Building	-	527,000	-	-	-	527,000
SCH	59	Replace finned tube radiation throughout	-	131,000	-	-	-	131,000
SCH	60	Hy West Classroom Casework on Exterior Wall	-	150,000	-	-	-	150,000
SCH	61	WV Café AHU	-	97,000	-	-	-	97,000
SCH	62	Facility's Building Dust Collection	-	60,000	-	-	-	60,000
SCH	63	Hy West HVAC Energy Recover to Offices/Cooling	-	-	\$351,000	-	-	351,000
SCH	64	BHS Lintel Repair	-	-	78,000	-	-	78,000
SCH	65	BHS Acoustical Ceiling	-	-	1,734,000	-	-	1,734,000
SCH	66	BHS Kitchen Epoxy	-	-	97,000	-	-	97,000
SCH	67	BHS Gymnasium Floor and Painting	-	-	80,000	-	-	80,000
SCH	68	BHS Café Floor	-	-	107,000	-	-	107,000
SCH	69	BHS 1600s Floor	-	-	184,000	-	-	184,000
SCH	70	BHS 1300+2300 Floor	-	-	136,000	-	-	136,000

Project Submissions for the General Fund – Continued

DEPT	PRIORITY	PROJECT TITLE	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTALS
SCH	71	BHS 1500's Floor	-	-	92,000	-	-	92,000
SCH	72	BHS 1700's Floor	-	-	384,000	-	-	384,000
SCH	73	BHS Boiler Room Make up Air	-	-	71,000	-	-	71,000
SCH	74	BHS Security Hardware on Classroom Doors	-	-	243,000	-	-	243,000
SCH	75	BIS Roof Replacement	-	-	4,410,000	-	-	4,410,000
SCH	76	BIS Rubber Floor in Stairs	-	-	80,000	-	-	80,000
SCH	77	BIS Replace movable Partition in Classrooms	-	-	200,000	-	-	200,000
SCH	78	BIS Sprinklers under Exterior Overhangs	-	-	60,000	-	-	60,000
SCH	79	BUE Acoustical Ceiling Improvements	-	-	1,080,000	-	-	1,080,000
SCH	80	BUE Gym Floor Replacement	-	-	144,000	-	-	144,000
SCH	81	BUE Classroom Casework	-	-	370,000	-	-	370,000
SCH	82	BUE Power Distribution Upgrade	-	-	666,000	-	-	666,000
SCH	83	BUE Parking Mill Repave	-	-	470,000	-	-	470,000
SCH	84	BUE Roadways Mill Repave	-	-	424,000	-	-	424,000
SCH	85	BWB Bathroom Renovations	-	-	340,000	-	-	340,000
SCH	86	BWB Clock System	-	-	98,000	-	-	98,000
SCH	87	Centerville Ceiling Tiles throughout New Wing	-	-	149,000	-	-	149,000
SCH	88	Centerville Clock System	-	-	141,000	-	-	141,000
SCH	89	BCIS Ceiling tiles	-	-	98,000	-	-	98,000
SCH	90	Hy West Classroom Closets Refinish Wood	-	-	120,000	-	-	120,000
SCH	91	WV Ceiling	-	-	414,000	-	-	414,000
SCH	92	WV Paving/Restriping	-	-	423,000	-	-	423,000
SCH	93	BIS Locker Rm Reno	-	-	-	\$234,000	-	234,000
SCH	94	BIS Boiler/ Pump Room Efficiency Upgrades	-	-	-	\$550,000	-	550,000
SCH	95	BWB Closed Walkway to Modular	-	-	-	\$195,000	-	195,000
SCH	96	BWB Replace Flooring	-	-	-	\$240,000	-	240,000
SCH	97	BWB Install Sprinklers	-	-	-	\$383,000	-	383,000
SCH	98	BWB Fire Alarm Upgrade	-	-	-	\$151,000	-	151,000
SCH	99	Centerville Boiler Upgrade	-	-	-	\$455,000	-	455,000
SCH	100	Centerville Fire Alarm Upgrade	-	-	-	\$218,000	-	218,000
SCH	101	BCIS Bathroom Renovations	-	-	-	\$450,000	-	450,000
SCH	102	Hy West Roof Replacement	-	-	-	\$1,002,000	-	1,002,000
SCH	103	West Villages Gym AHU	-	-	-	\$97,000	-	97,000
SCH	104	West Villages Boiler Upgrade	-	-	-	\$390,000	-	390,000
SCH	105	ECELC Flooring Throughout	-	-	-	\$98,000	-	98,000
SCH	106	BHS Electrical Distribution Upgrade	-	-	-	-	\$4,104,000	4,104,000
SCH	107	BIS Power Distribution Upgrades	-	-	-	-	\$1,287,000	1,287,000
SCH	108	BWB Classroom Closets	-	-	-	-	\$72,000	72,000
SCH	109	BWB Café and Gym Air handlers	-	-	-	-	\$247,000	247,000
SCH	110	BWB Boiler Conversion Steam/HW	-	-	-	-	\$780,000	780,000
SCH	111	BWB Kitchen Exhaust Hood	-	-	-	-	\$71,000	71,000

Project Submissions for the General Fund – Continued

DEPT	PRIORITY	PROJECT TITLE	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTALS
SCH	112	BCIS Clock System	-	-	-	-	\$142,000	142,000
SCH	113	BCIS Piping Replacement/Repairs	-	-	-	-	\$219,000	219,000
SCH	114	Hy West Ceiling	-	-	-	-	\$262,000	262,000
SCH	115	Hy West Electrical Distribution Upgrade	-	-	-	-	\$1,053,000	1,053,000
SCH	116	West Villages Roof replacement	-	-	-	-	\$1,248,000	1,248,000
TOTAL SCHOOL			\$ 9,920,200	\$ 25,933,400	\$ 19,944,000	\$ 9,913,000	\$ 13,285,000	\$ 78,995,600
TOTAL GENERAL FUND			\$ 38,975,055	\$ 90,010,773	\$ 82,800,022	\$ 29,984,378	\$ 21,261,235	\$ 263,031,463

PART II – CAPITAL SUBMISSION REVIEW PROCESS

Town Administration has implemented a review process for capital submissions that score projects twice and then averages the rank from each process to determine an overall ranking. This two-step process requires a taskforce made up of senior level managers across all departments. The senior level managers are responsible for reviewing and scoring the capital submissions based on two different sets of criteria, which is conducted in both a collaborative as well as individual manner. This does not necessarily determine which projects will receive funding in the immediate fiscal year but is used as an objective measurement to assess a project's priority against all other submissions.

Round 1 Evaluation Criteria

The first round of scoring allowed department managers to present their top priority capital submissions in a workshop format with the taskforce team. Presentations focused mainly on projects for which funding is being requested in FY 2025. Enterprise Fund projects were excluded from this workshop unless they were requesting General Fund financing. This evaluation process provided taskforce members with the opportunity to ask questions relative to each project presented to gain a more thorough understanding of the need and scope of the project. After the presentations, each taskforce member voted anonymously as to which category of priority the project placed based on the set of criteria. From this, the average score for each project was calculated with projects ranked from the highest to lowest score. A total of 71 projects out of 251 submissions were reviewed.

Priority I: Imperative (Must-Do) (4 points) – Projects that cannot reasonably be postponed in order to avoid harmful or otherwise undesirable consequences.

- A. Corrects a condition dangerous to public health or safety
- B. Satisfies a legal, regulatory or statutory obligation or requirement
- C. Alleviates an emergency service disruption or deficiency
- D. Prevents irreparable damage to a valuable public facility

Priority II: Essential (Should-Do) (3 points) – Projects that address clearly demonstrated needs or objectives.

- A. Rehabilitates or replaces an obsolete public facility or attachment thereto
- B. Stimulates economic growth and private capital investment
- C. Reduces future operating and maintenance costs
- D. Leverages available state or federal funding

Priority III: Important (Could-Do) (2 points) – Projects that benefit the community but may be delayed without detrimental effects to basic services.

- A. Provides a new or expanded level of service
- B. Promotes intergovernmental cooperation
- C. Reduces energy consumption
- D. Enhances educational, cultural or natural resources

Priority IV: Desirable (Nice-To-Do) (1 point) – Desirable projects that are not included within a two-year program because of funding limitations.

Round 2 Evaluation Criteria

In the second round of scoring, taskforce members evaluate all project submissions against a set of ten evaluation criteria including; **Public Health and Safety, Education, Economic Development, Infrastructure and Protection of Assets, Environmental and Natural Resources, Quality of Life, Financing, Operating Budget Impact, Planning and Relationships to Existing Plans, and Usage and Service Demand.** A total of 251 projects were submitted and 71 projects were reviewed in the first round. The same 71 projects were scored in the second round by each taskforce member using these criteria. The scores from the taskforce members are then averaged and project submissions are ranked from highest to lowest score.

CRITERIA AND STRATEGIC PLAN AREA	HIGHEST IMPACT (Score of 4)	MEDIUM IMPACT (Score of 3)	LOW IMPACT (Score of 2)	NO IMPACT OR NOT APPLICABLE (Score of 0)
PUBLIC HEALTH AND SAFETY -- degree to which project meets public health and safety needs/issues.	<p>Project is necessary to <u>alleviate a significant, existing, documented</u> health or safety hazard. This could include:</p> <p>Proposed project meets the minimum requirements/mandates of a local, state or federal law pertaining to health and safety of the community.</p> <p>Project directly pertains to the delivery of public safety through police protection.</p> <p>Project required to achieve adopted LOS for health or safety standards</p>	<p>Project is necessary to <u>prevent the onset</u> of a likely health and safety hazard or <u>alleviate an existing, minor</u> hazard. If problem does not currently exist, failure to act would result in hazard being present within one-two years. May include:</p> <p>Enhancement of current health and safety programs or projects;</p> <p>Related to, but not exclusive impact on traffic control on town's public ways;</p> <p>Addresses local, state or federal laws pertaining to health and safety, but goes beyond minimum requirements to additional enhancements.</p>	<p>Project is needed to <u>maintain the current level</u> of health and safety services provided to residents. Failure to complete project may result in appearance of hazard within 2-5 years. May include:</p> <p>Repair or regular maintenance of facilities in order to maintain a healthy and/or safe condition.</p> <p>Maintains existing traffic LOS and/or prevents formation of a safety problem.</p>	<p>Project <u>does not relate to, nor have any impact on</u> public health and safety issues within the town.</p>
EDUCATION -- applicability of project to educational priorities of the town.	<p>Project is intended <u>directly</u> for the purpose of educating the town's children and is <u>essential</u> in order to meet state and local educational standards.</p> <p>This includes repair/maintenance of, as well as new buildings and structures used for classrooms, school-sponsored recreational activities, administrative support to schools, and other related projects</p>	<p>Project will be used <u>primarily</u> for education of the town's children, but may include other ancillary uses.</p> <p>Project is important, but not required in meeting minimum educational standards.</p>	<p>Project will be used <u>minimally</u> for direct education of the town's children.</p> <p>Primary use of the project will be other than education purposes.</p> <p>This project is not required toward meeting any educational standards, but may enhance existing programs/facilities.</p>	<p>Project is <u>not intended</u> to be used for educational purposes.</p>

CRITERIA AND STRATEGIC PLAN AREA	HIGHEST IMPACT (Score of 4)	MEDIUM IMPACT (Score of 3)	LOW IMPACT (Score of 2)	NO IMPACT OR NOT APPLICABLE (Score of 0)
<p>ECONOMIC DEVELOPMENT -- degree to which project meets economic development objectives of Town Council and other town plans.</p>	<p>Project would have <u>significant impact</u> on the ability to retain and expand business within the town. May include:</p> <p>Significant impact on increasing year-round job opportunities, particularly high-paying jobs;</p> <p>Strong contribution to retaining existing and attracting new businesses to the town;</p> <p>Significant private contributions to project's future development;</p> <p>Substantially increases attraction for additional tourists to the town.</p>	<p>Project would make a <u>major contribution</u> to the Town's ability to retain and expand business. May include:</p> <p>Create expanded job opportunities, year-round and seasonal;</p> <p>Measurable retention of existing business and/or possible attraction of new business to the town.</p> <p>May involve private contributions to the project directly or indirectly;</p> <p>Increases attraction of additional tourists to the town.</p>	<p>Project would have <u>some contribution</u> to the Town's ability to retain and expand businesses. May include:</p> <p>Minimal impact on expanded job opportunities, or preventing loss of jobs;</p> <p>Some potential for attraction of new business to town.</p> <p>Little to no private contributions to the project directly or indirectly;</p> <p>May have some slight impact on attracting additional tourists to town.</p>	<p>Project <u>does not have any impact</u> on the Town's ability to retain and expand businesses, create jobs, tourism or the tax base.</p>
<p>INFRASTRUCTURE AND PROTECTION OF CAPITAL ASSETS -- degree to which project maintains and protects existing capital assets of the town.</p>	<p>Project is critical to save structural integrity of existing asset or repair significant structural deterioration.</p> <p>Failure to act would result in complete loss of the asset or would require significantly more funds if repairs are delayed.</p> <p>Project would meet the needs of the community for a minimum of 20 years.</p>	<p>Project is necessary to repair or replace assets before a partial loss of structural integrity causes the need for significant repairs.</p> <p>Project would last a minimum of 10 years.</p> <p>Project would meet the needs of the community for a minimum of 10 years.</p>	<p>Project will improve appearance, public accessibility and/or deter future maintenance of this type for a minimum of 5 years.</p> <p>Project would meet the needs of the community for a minimum of 5 years.</p>	<p>Project does not improve or protect existing capital assets.</p>
<p>ENVIRONMENT AND NATURAL RESOURCES -- degree to which project conserves and protects natural and historical resources of the town.</p>	<p>Project is critical to preservation of a well-documented natural or historic town resource. Other applicable criteria may include:</p> <p>Failure to approve project would result in damage or deterioration of key natural resource/environment in the near future.</p> <p>If not approved, project would have long-lasting negative impacts on the town's water supply or coastal resources.</p> <p>Failure to approve project would result in a loss of critical resources</p> <p>Project significantly impacts an ACEC, WP or GP designated area.</p> <p>Project is critical to protect / stabilize a town-owned significant historic resource;</p>	<p>Project will have substantial impacts on the ability to preserve or maintain a key natural or historic resource for the town. Other applicable criteria may include:</p> <p>Project may repair natural ecological deterioration and may result in improved access by residents to enjoy resource.</p> <p>Maintains or improves the ecology of freshwater ponds, wetlands, or natural habitats.</p> <p>Project impacts GP designated district or other significant areas of concern.</p> <p>Project will improve / restore a historic resource as a physical record.</p>	<p>Project will improve, but is not necessary for the maintenance of a key natural or historic resource for the town. Other applicable criteria may include:</p> <p>May improve access by the public to enjoy the resource.</p> <p>May add and/or expand the greenbelt system within the Town; or otherwise expand the amount of natural habitat.</p> <p>Project is necessary to conserve / retain existing historic materials and/or features.</p>	<p>Project does not relate to or have any impact on preservation or maintenance of natural or historic resources.</p>

CRITERIA AND STRATEGIC PLAN AREA	HIGHEST IMPACT (Score of 4)	MEDIUM IMPACT (Score of 3)	LOW IMPACT (Score of 2)	NO IMPACT OR NOT APPLICABLE (Score of 0)
<p>QUALITY OF LIFE-- degree to which project addresses town-wide quality of life for its residents.</p>	<p>Project is critical to the continuation or needed expansion of an existing cultural and/or human service.</p> <p>Project is required to respond to a documented health, cultural and/or human service need.</p> <p>Project significantly expands the quality of life for the residents of the town.</p>	<p>Project maintains or enhances the ability to deliver cultural and/or human services.</p> <p>Project enhances the existing quality of life within the town.</p>	<p>Project supports the delivery of cultural and/or human services.</p> <p>Project supports the existing quality of life within the town.</p>	<p>Project is not related to the delivery of cultural and/or human services.</p> <p>Project does not impact the quality of life within the town.</p>
<p>FINANCING -- availability of non-general fund financing overall financial feasibility.</p>	<p>Project has a highly positive fiscal impact due to the following:</p> <p>Implementing project would result in significant increased revenues to the town or significantly expands the non-residential tax base;</p> <p>Non-general fund revenues sufficient to support 75-100% of project expense; and have been identified and applied for.</p>	<p>Project has a generally positive fiscal impact due to the following:</p> <p>Project would result some increased revenue to the town or increases the non-residential tax base somewhat;</p> <p>Non-general fund revenues sufficient to support 25-74% of project expense have been identified.</p>	<p>Project has a neutral to slightly positive fiscal impact due to the following:</p> <p>Additional revenues would not offset additional costs.</p> <p>Project supported by 1-25% of non-general fund revenues.</p>	<p>Project has a negative fiscal impact due to the following:</p> <p>None of the cost of the project will be funded by non-general funds.</p> <p>Project would not bring in additional revenues.</p>
<p>OPERATING BUDGET IMPACT -- degree to which project is required to reduce or eliminate short-term operating costs; and its impact on future operating budget.</p>	<p>Project has a highly positive impact on the operating budget due to:</p> <p>Implementing project would substantially decrease current operating fund expenditures due to current excessive maintenance, patching, etc. costing more than 50% of the cost of the project, prorated over 3 years;</p> <p>100% of future operating costs can be absorbed within existing budgets once project is completed.</p> <p>Not doing project would result in significant increased operating costs to the town in the near future (i.e. major repair versus complete replacement).</p>	<p>Project has a generally positive impact on the operating budget due to:</p> <p>Implementing project may moderately decrease current operating fund expenditures due to on-going repairs, maintenance, etc. costing between 25-50% of cost of the project prorated over 3 years;</p> <p>Project would result in minimal increase in future operating costs for the benefits gained;</p> <p>Not doing project would result in a noticeable, but not significant increase in expenditure of operating funds to repair or make asset usable in the short term.</p>	<p>Project has a neutral to slightly positive impact on the operating budget due to:</p> <p>Implementing project may decrease or have a neutral effect on current operating fund expenditures due to on-going repair, maintenance, etc. costing up to 25% of the cost of the project prorated over 3 years;</p> <p>Project would increase future operating costs with only minimal benefits received;</p> <p>Not doing project would result in the need for minimal additional operating funds for repair / maintenance of current assets.</p>	<p>Projects has a negative impact on the operating budget due to:</p> <p>Significant increase in current operating fund expenditures required maintaining, repairing, or otherwise operating project.</p> <p>Project requires significant increase in future operating fund expenditures without documented benefits</p>

CRITERIA AND STRATEGIC PLAN AREA	HIGHEST IMPACT (Score of 4)	MEDIUM IMPACT (Score of 3)	LOW IMPACT (Score of 2)	NO IMPACT OR NOT APPLICABLE (Score of 0)
<p>PLANNING AND RELATIONSHIP TO EXISTING PLANS -- how the project addresses implementation of previously developed plans of the town to protect and enhance human and physical assets.</p>	<p>Project is specifically included in a plan adopted by a State, Regional or Local Legislative body, such as:</p> <p>Specifically listed in the annual Town Council Strategic Plan.</p> <p>Included within the prior 5 year Capital Improvement Program</p> <p>Listed as a priority in the 5 Year Capital Improvements Plan of the LCP (once adopted).</p> <p>Project included in a State Bond Bill</p> <p>Project is specifically listed in a plan adopted by the Town Council.</p>	<p>Project is part of an Executive Order or Plan of Action adopted by the School Board and/or the Town Manager, such as:</p> <p>Project generally supports the policies and/or resolves adopted by the Town Council</p> <p>Project is included in the current year Transportation Improvement Program (TIP).</p> <p>Project specifically included in a plan adopted by the School Board and/or the Town Manager</p>	<p>Project is included as part of a Town Departmental Work Plan, or part of a functional service delivery system such as.</p> <p>Project supports the Departmental Mission and prioritizes needed action</p> <p>Project needed to accomplish a major service effort</p> <p>Project supports a plan adopted by the School Board and/or the Town Manager</p>	<p>Project is not related to the plans, policies or resolves adopted by the Town Council or other agencies of the town.</p>
<p>USAGE AND SERVICE DEMAND -- degree to which project is used by population and manner in which it is used.</p>	<p>Project will be in continuous usage or will be used year round.</p> <p>Project will serve 50 to 100% of the population of the town.</p> <p>Project serves three or more functions and/or needs of the town.</p>	<p>Project will be used the majority of the year.</p> <p>Project will serve 25 to 75% of the population of the town or is designed for a village or other sub-area of the town.</p> <p>Project serves at least two functions and/or needs of the town.</p>	<p>Project will be used seasonally.</p> <p>Project will serve less than 25%, but more than 5% of the population of the town or is designed for a limited service area.</p> <p>Project serves a single service and/or need of the town.</p>	<p>Project will be only intermittently used.</p> <p>Project will provide limited services to a very limited service area.</p>

Project Ranking Results

The scores from the first and second round evaluations were used to rank the projects by priority using the average ranking from each method. The projects are listed by the average rank from highest to lowest. Many of the highest-ranking projects are recommended for funding in FY 2025. Some of the higher scoring projects that did not receive funding in FY 2025 may be a result of the project not being ready for the construction phase, the cost or approach requires further evaluation, funding is not available, or the department submitted the project with a request for funding in a subsequent year.

DEPT	DEPT PRIORITY	PROJECT TITLE	PRIORITY BY AVERAGE RANK	PRIORITY BY AVERAGE SCORE	ROUND 1 RANK	ROUND 2 RANK	AVERAGE RANK	ROUND 1 SCORE	ROUND 2 SCORE	AVERAGE SCORE
DPW	1	Public Roads Maintenance	1	2	1	4	3	3.83	23.80	13.82
DPW	5	Public Bridge Maintenance and Repairs	2	6	4	6	5	3.67	22.80	13.24
MEA	2	Channel Dredging Program	3	1	14	1	8	3.17	25.50	14.34
DPW	4	Curb Ramps & Sidewalks ADA Transition Plan	5	8	10	7	8	3.33	21.80	12.57
HYCC	1	HYCC Facility Mechanical Improvements	5	7	8	9	8	3.45	21.70	12.58
SCH	6	Auditorium RTU Replacement	6	10	2	15	9	3.75	20.70	12.23
DPW	2	Town Hall Elevator Replacement	8	15	4	17	11	3.67	20.00	11.84
DPW	23	Bismore Park Improvements	8	5	16	5	11	3.09	23.70	13.40
DPW	18	Oyster Harbors Bridge Improvements – Design & Permitting	9	11	10	12	11	3.33	21.10	12.22
SCH	9	Hyannis West Locker Room Reno to Teaching Spaces	10	18	7	18	12	3.50	19.70	11.60
DPW	11	Monitoring and Mgt. Plan - Freshwater Ponds	11	3	23	2	13	2.91	24.50	13.71
MEA	6	Bulkhead Improvements	13	4	23	3	13	2.91	24.20	13.56
SCH	1	Elevator Installation BCIS	13	19	4	22	13	3.67	19.40	11.54
SCH	5	Unit Ventilator Replacement / Chiller Swap	14	9	19	9	14	3.00	21.70	12.35
SCH	12	BHS Roof Replacement - Design	15	12	21	10	15	2.92	21.40	12.16
DPW	27	Armory Building Improvements	16	17	17	16	17	3.08	20.30	11.69
DPW	6	School Admin. Building Mechanical Cooling Upgrades	17	20	14	20	17	3.17	19.60	11.39
SCH	4	BIS Exterior Door Replacement	18	22	12	23	17	3.25	19.20	11.23
BPD	1	Barnstable Police Facility Improvements	19	24	7	29	18	3.50	18.70	11.10
SCH	2	Playground Safety	20	25	14	27	21	3.17	18.90	11.04
MEA	12	Blish Point Construction for Long Term Solution	21	13	31	11	21	2.75	21.20	11.98
SCH	8	BHS Network Based Public Address System	22	29	12	31	21	3.25	18.40	10.83
MEA	8	Hyannis Breakwater	23	14	31	13	22	2.75	21.00	11.88
SCH	15	Direct Digital Controls Upgrades HVAC	24	21	25	20	22	2.90	19.60	11.25
DPW	15	North Street Sidewalk Extension	25	23	26	21	24	2.83	19.50	11.17
CSD	5	Town Recreation Field Improvements	26	16	36	14	25	2.67	20.80	11.74
SCH	13	BUE Library Carpet Remove and Replace	27	26	28	26	27	2.82	19.00	10.91
SCH	3	Paging System Upgrade - Hy West / Enoch Cobb	28	36	19	40	29	3.00	17.20	10.10
HYCC	2	HYCC Security System	30	31	28	34	31	2.82	18.10	10.46
SCH	14	Hyannis West Bathroom Renovations	30	35	23	38	31	2.91	17.40	10.16
DPW	16	Cape Cod Airfield Hanger Repair	32	30	34	28	31	2.73	18.80	10.77
DPW	25	Craigville Beach Road Pedestrian Improvements	32	28	36	26	31	2.67	19.00	10.84
DPW	22	South Street Pedestrian Improvements	33	27	38	24	31	2.64	19.10	10.87
DPW	21	Main Street, Centerville Village Pedestrian Improvements – Design	34	32	34	34	34	2.73	18.10	10.42
MEA	1	MEA Exterior Restoration Project	35	46	21	47	34	2.92	15.90	9.41
DPW	13	Old Selectmen's Building Handicapped Ramp.	36	41	31	43	37	2.75	16.70	9.73
CSD	11	Joshua's Pond Handicap Accessibility & Beach Improv.	37	33	42	32	37	2.58	18.20	10.39
SCH	10	Plumbing Fixtures Replacement K-3	38	43	31	46	38	2.75	16.50	9.63
MEA	11	West Bay Breakwater	39	34	56	31	43	2.33	18.40	10.37
DPW	14	Pitcher's Way Shared Use Path (Bearse's Way to Smith Street) - Design	41	48	42	48	45	2.58	15.80	9.19
MEA	10	Bay Shore Road Boat Ramp	41	37	53	37	45	2.42	17.70	10.06
DPW	10	Centerville Recreation Mechanical Improvements	42	44	47	44	46	2.50	16.60	9.55
CSD	7	Salt Water Beach House Improvements	43	40	51	41	46	2.45	17.10	9.78
SCH	11	BHS Bathroom Renovations	44	45	47	46	46	2.50	16.50	9.50
DPW	17	Mosswood Cemetery Building Improvements	45	54	36	57	47	2.67	14.80	8.74

DEPT	DEPT PRIORITY	PROJECT TITLE	PRIORITY BY AVERAGE RANK	PRIORITY BY AVERAGE SCORE	ROUND 1 RANK	ROUND 2 RANK	AVERAGE RANK	ROUND 1 SCORE	ROUND 2 SCORE	AVERAGE SCORE
CSD	4	Barnstable Adult Community Center Exterior Restoration	47	53	42	55	48	2.58	15.00	8.79
DPW	9	Barnstable Adult Community Center Mechanical Upgrades	47	50	44	53	48	2.55	15.30	8.93
CSD	1	Centerville Recreation Field	48	38	61	37	49	2.17	17.70	9.94
DPW	28	West Barnstable Railroad Depot Restoration	49	42	61	40	50	2.17	17.20	9.69
CSD	6	Kennedy Memorial Renovation	50	39	67	35	51	1.92	17.80	9.86
DPW	3	Mosswood Cemetery Columbarium	51	65	39	66	53	2.60	13.00	7.80
SCH	7	Hyannis West Parking	52	57	47	59	53	2.50	14.50	8.50
DPW	26	Town Office Relocation Project	53	63	42	65	53	2.58	13.20	7.89
DPW	7	Private Road Repairs – School Street & Old Mill Road in Marstons Mills	54	50	58	50	54	2.25	15.60	8.93
CSD	3	Osterville Comfort Station	55	52	56	53	54	2.33	15.30	8.82
CSD	9	Hamblin Pond Bathhouse and Site Improvements	56	47	67	43	55	1.92	16.70	9.31
DPW	20	Phinney's Lane and Wequaquet Lane Sidewalk Extensions – Design and Construction	57	60	51	61	56	2.45	13.80	8.13
DPW	24	Maraspin Creek Culvert Replacements (Indian Trail and Swallow Hill Drive)	58	51	63	50	57	2.09	15.60	8.85
MEA	5	MEA Parking Lot Improvements	59	67	47	68	58	2.50	12.80	7.65
DPW	33	Concrete Guardrail Replacement	60	64	53	64	58	2.42	13.30	7.86
MEA	3	MEA Storage Facility - Design	61	70	47	71	59	2.50	11.20	6.85
DPW	30	50 Pearl Street Repairs	62	56	65	54	59	2.00	15.10	8.55
DPW	32	Old Jail Repairs - Design	63	55	70	50	60	1.67	15.60	8.64
CSD	2	Automatic Beach Gate	65	66	58	64	61	2.25	13.30	7.78
HYCC	3	HYCC Recreation Master Planning	65	62	59	62	61	2.18	13.70	7.94
DPW	8	MEA Building Mechanical Improvements	66	68	53	69	61	2.42	12.20	7.31
DPW	31	Cotuit Memorial Park Restoration	67	61	65	60	62	2.00	14.20	8.10
DPW	29	46 Pearl Street Repairs	68	58	68	57	63	1.83	14.80	8.32
DPW	19	Raised Crosswalks on Main St, Osterville Village	69	59	69	57	63	1.75	14.80	8.28
CSD	10	Community Building Security System	70	71	61	70	66	2.17	11.30	6.74
HYCC	4	HYCC Rink Slab Replacement	71	69	71	67	69	1.64	12.90	7.27

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PART III – STATUS OF EXISTING CAPITAL APPROPRIATIONS

Active Prior Year Capital Appropriations (Balances as of 2/26/2024)

Part of the annual Capital Improvement Plan development process is to review the status of all previously approved projects. The list on the following pages comprise the active capital projects. Some of these projects are near completion and some have yet to be implemented.

COUNCIL ORDER #	PROJECT DESCRIPTION	APPROPRIATION	EXPENDED	ENCUMBERED	BALANCE	
	<u>INFORMATION TECHNOLOGY</u>					
2019-113	AERIAL FLYOVER & MAPPING	100,000.00	24,649.00	-	75,351.00	Will request to combine with 20089 VOIP which needs additional funding
2019-114	AERIAL FLYOVER OF WATERW	50,000.00	45,765.00	-	4,235.00	Will request to combine with 20089 VOIP which needs additional funding
2020-089	VOIP-UNIFIED COMMUNICATI	342,000.00	105,109.13	-	236,890.87	Waiting for space reorganization
	TOTAL	492,000.00	175,523.13	-	316,476.87	
	<u>POLICE</u>					
2020-100	FY21 RADIO IMPROVEMENT P	121,115.00	116,504.38	-	4,610.62	Will be expended by end of FY 2024
2020-101	FY21 DATA STORAGE-POLICE	125,000.00	114,011.28	-	10,988.72	Will be expended by end of FY 2024
	TOTAL	246,115.00	230,515.66	-	15,599.34	
	<u>PUBLIC WORKS GENERAL FUND</u>					
2010-111	FY11 WEST BAY BRIDGE REP	650,000.00	634,000.00	16,000.00	-	Will be expended by end of FY 2024
2013-116	FY14 TOWN HALL INTERIOR	150,000.00	137,853.37	2,780.00	9,366.63	To be used for corridor improvements
2014-111	FY15 VETERANS' PARK PLAN	50,000.00	40,256.85	-	9,743.15	Will apply to future anticipated construction phase
2015-101	FY16 TOWN HALL IMPROVEME	939,000.00	267,230.34	46,387.50	625,382.16	Work is on-going
2015-103	FY16 JFK MEMORIAL RESTOR	87,000.00	55,721.60	29,600.00	1,678.40	Project in design
2016-112	FY17 OSTERVILLE BAY ELM	900,444.00	660,095.55	240,348.45	-	Work is on-going
2017-069	TOWN HALL RESTROOM RENOV	1,260,220.47	1,254,760.23	5,460.24	-	Will be expended by end of FY 2024
2017-074	SHOOTING RANGE ASSESMEN	350,000.00	29,076.50	12,884.36	308,039.14	Work is on-going with state EEA
2017-086	OSTERVILLE REC BLDG DESI	675,000.00	382,832.02	232,138.00	60,029.98	Work is on-going
2018-055	MILL POND DREDGING	250,000.00	168,900.89	48,294.36	32,804.75	Work is on-going
2018-075	CRAIGVILLE BATHHOUSE IMP	315,116.00	103,463.57	-	211,652.43	Project in design
2018-076	SENIOR CTR RENOVATIONS	727,247.00	659,490.16	32,321.00	35,435.84	In construction
2018-090	DESIGN PHASE III DPW OFF	103,500.00	39,680.00	63,820.00	-	Project in design
2018-092	SAB MECHANICAL UPGRADES	285,000.00	256,987.23	522.50	27,490.27	In construction
2018-093	BUMPS RIVER BRIDGE REPAI	100,000.00	91,344.09	6,622.96	2,032.95	Will be expended by end of FY 2024
2018-095	OCEAN ST SIDEWALK DESIGN	45,000.00	29,042.15	15,957.85	-	Work is on-going
2018-096	ARMORY BLDG-HAZMAT REMOV	667,000.00	641,199.89	19,294.50	6,505.61	Work is on-going
2019-046	BLISH POINT-STORM DAMAGE	120,000.00	101,500.00	-	18,500.00	Work is on-going
2019-116	CRAIGVILLE BATH HOUSE/PR	415,000.00	167,432.82	15,550.00	232,017.18	Project in design

COUNCIL ORDER #	PROJECT DESCRIPTION	APPROPRIATION	EXPENDED	ENCUMBERED	BALANCE	
	<u>PUBLIC WORKS GENERAL FUND</u>					
2019-117	MARSTONS MILLS TENNIS CO	620,000.00	588,882.24	4,916.21	26,201.55	Will be expended by end of FY 2024
2019-119	FY20 CHANNEL DREDGING	1,730,000.00	1,572,858.77	12,050.70	145,090.53	Work is on-going
2019-123	BEARSES WAY BIKE PATH DE	125,000.00	17,679.94	17,816.94	89,503.12	Work is on-going
2019-124	BUMPS RIVER BRIDGE REPAI	900,000.00	774,760.41	-	125,239.59	Work is on-going
2019-125	FY20 SIDEWALK/GUARDRAIL	314,000.00	310,748.92	2,840.00	411.08	Will be expended by end of FY 2024
2019-126	MAIN ST HY TREE LIGHTING	114,000.00	97,450.07	10,365.00	6,184.93	Will be expended by end of FY 2024
2019-127	STORM SEWER MS4 PROGRAM	150,000.00	105,033.71	39,909.23	5,057.06	Will be expended by end of FY 2024
2019-128	CROSSWALK IMPROVMT	300,000.00	28,124.96	-	271,875.04	Project in design
2019-129	TOWN HALL SECURITY IMPRO	480,000.00	106,311.58	-	373,688.42	Work is on-going
2019-146	OSTERVILLE FIELD CONST	797,000.00	768,070.34	8,084.79	20,844.87	Will be expended by end of FY 2024
2019-147	COMMERCE RD IMPROV DESIG	300,000.00	298,740.00	1,260.00	-	Will be expended by end of FY 2024
2020-002	CONSTRUCTION OF ROADWAY	275,000.00	-	232,620.35	42,379.65	Work is on-going
2020-015	PAINE BLACK HOUSE RESTOR	242,822.00	10,000.00	163.35	232,658.65	Project in design
2020-108	FY21 CHANNEL DREDGING PR	2,555,000.00	1,672,856.42	882,143.58	-	Work is on-going
2021-002	FY22 CHANNEL DREDGING	1,850,000.00	901.06	1,147,965.64	701,133.30	Work is on-going
2021-113	MM SCHOOL DEMOLITION	995,096.00	852,152.14	77,445.00	65,498.86	Will be expended by end of FY 2024
2021-114	TOWN HALL MECHANICAL IMP	1,908,596.00	98,194.12	326,712.20	1,483,689.68	Work is on-going
2021-098	POLICE FACILITIES IMPROV	806,432.00	70,550.00	83,150.00	652,732.00	Work is on-going
2021-099	POLICE SECURITY FENCE	340,032.00	131,950.09	23,043.79	185,038.12	Work is on-going
2021-105	MEA FACILITY IMPROVEMEN	120,960.00	-	-	120,960.00	Project in design
2021-107	TOWN REC FIELD IMPROVEME	155,000.00	1,400.00	-	153,600.00	Project in design
2021-108	FY22 PUBLIC ROADS MAINT	3,650,000.00	3,544,566.55	105,362.21	71.24	Will be expended by end of FY 2024
2021-109	FRESHWATER PONDS MONITOR	165,000.00	139,167.16	-	25,832.84	Work is on-going
2021-111	FY22 PUBLIC BRIDGE MAINT	500,000.00	239,156.23	52,778.11	208,065.66	Work is on-going
2021-112	EMERGENCY GENERATOR	615,250.00	103,030.22	140,050.00	372,169.78	Work is on-going
2021-115	CULVERT IMPROVEMENTS	245,000.00	4,295.00	-	240,705.00	Project planning on-going
2021-116	SIDEWALKS OCEAN STREET	50,000.00	13,072.38	16,542.15	20,385.47	Work is on-going
2021-117	KALMUS BEACH PARKING LOT	50,000.00	-	-	50,000.00	Project in design
2021-184	SNOW'S CREEK CULVERT REP	150,000.00	62,148.30	87,851.70	-	Work is on-going
2022-115	MEA FACILITY IMPROVEMENT	289,604.00	-	-	289,604.00	Project in design
2022-119	TOWN WIDE BULKHEAD ASSES	150,000.00	22,400.00	80,000.00	47,600.00	Work is on-going
2022-140	BLISH POINT DUNE STORM D	295,000.00	113,600.00	35,755.00	145,645.00	Work is on-going
2022-039	SURVEY WORK FOR PROPOSED SIDEWALK	39,600.00	36,000.00	-	3,600.00	Will be expended by end of FY 2024
2022-100	FY23 PUBLIC ROADS MAINT	3,750,000.00	2,962,564.92	474,198.11	313,236.97	Work is on-going
2022-101	FY23 FRESHWATER POND MON	136,400.00	-	125,133.00	11,267.00	Work is on-going
2022-102	FY23 STORMWATER IMPROVEM	350,000.00	-	-	350,000.00	Project planning on-going
2022-103	OCEAN STREET SIDEWALKS/K	2,950,000.00	1,180.82	200.00	2,948,619.18	Construction to begin in 2024
2022-104	PUBLIC WORKS OFFICE EXPA	283,989.00	52,640.00	116,680.00	114,669.00	Work is on-going
2022-105	SNOWS CREEK CULVERT REPL	1,400,000.00	-	-	1,400,000.00	Project planning on-going
2022-106	EMERGENCY GENERATOR PLAN	431,313.00	-	-	431,313.00	Project planning on-going

COUNCIL ORDER #	PROJECT DESCRIPTION	APPROPRIATION	EXPENDED	ENCUMBERED	BALANCE	
	<u>PUBLIC WORKS GENERAL FUND</u>					
2022-107	TOWN HALL MECHANICAL IMP	2,025,852.00	55,123.01	124,552.77	1,846,176.22	Project in design
2022-108	SAB MECHANICAL COOLING U	1,906,100.00	11,620.00	139,429.00	1,755,051.00	Project in design
2022-109	CAPE COD AIRFIELD TANK	231,000.00	-	16,000.00	215,000.00	Project in design
2022-110	FY23 POLICE FACILITY IMP	1,167,321.00	55,208.61	108,597.39	1,003,515.00	Project in design
2022-112	CENTERVILLE RECREATION S	827,376.00	10,000.00	-	817,376.00	Project in design
2022-113	HATHAWAY'S POND BATHHOUS	450,000.00	20,000.00	500.00	429,500.00	Project in design
2022-114	KEYES MEMORIAL PARKING L	290,000.00	473.10	-	289,526.90	Project in design
2022-158	FLEET MAINT GARAGE IMPRO	185,000.00	24,792.80	-	160,207.20	Work is on-going
2023-023	OLD SHORE RD-STORMWATER	275,000.00	-	63,540.00	211,460.00	Work is on-going
2023-024	SHUBAEL POND-STORMWATER	145,000.00	-	-	145,000.00	Project planning on-going
2023-025	ALUM TREATMENT-SHUBAEL P	95,000.00	32,422.12	31,314.00	31,263.88	Work is on-going
2023-075	BARN HARBOR MARINA REVET	172,000.00	-	-	172,000.00	Project planning on-going
2023-076	SCUDDER'S LANE BOAT RAMP	496,000.00	-	-	496,000.00	Project planning on-going
2023-077	LITTLE RIVER FISH PASSAG	90,000.00	-	-	90,000.00	Project planning on-going
2023-078	ROSA LANE FISH PASSAGE C	225,000.00	-	-	225,000.00	Project planning on-going
2023-079	LAKE ELIZABETH FISH RUN	880,000.00	-	-	880,000.00	Project planning on-going
2023-098	TOWN HALL ROOF	185,235.00	68.48	-	185,166.52	Project planning on-going
2023-099	SAB MECHANICAL COOLING U	1,141,929.00	-	9,980.00	1,131,949.00	Project planning on-going
2023-101	DPW ADMIN BUILDING EXPAN	400,000.00	162.69	-	399,837.31	Project planning on-going
2023-102	FY24 PUBLIC ROADS MAINT	3,750,000.00	278,612.36	170,460.79	3,300,926.85	Work is on-going
2023-103	FY24 FRESHWATER PONDS MG	270,000.00	-	244,588.00	25,412.00	Work is on-going
2023-104	MYSTIC LAKE ALUM TREATME	195,000.00	4,062.50	2,290.38	188,647.12	Work is on-going
2023-105	FY24 MS4 SEWER PROJECT	95,000.00	-	-	95,000.00	Project planning on-going
2023-106	RAISED CROSSWALKS COTUIT	175,000.00	-	-	175,000.00	Project planning on-going
2023-107	HAWES AVE CULVER RECON	131,500.00	-	-	131,500.00	Project planning on-going
2023-127	FLOATING TREATMENT WETLA	90,000.00	725.75	-	89,274.25	Project planning on-going
2024-025	OSTERVILLE REC BLDG DEMO	141,655.00	1,396.52	76,594.05	63,664.43	Work is on-going
	TOTAL	54,705,589.47	21,016,021.55	5,880,865.16	27,808,702.76	
	<u>MEA GENERAL FUND</u>					
2014-108	FY15 MARSTONS MILLS FISH	2,072,833.00	82,081.32	362,835.30	1,627,916.38	Project planning on-going
2021-104	SCUDDER'S LANE BOAT RAMP	150,000.00	63,649.06	67,421.84	18,929.10	Work is on-going
2022-116	LONG POND FISHWAY DESIGN	432,000.00	-	-	432,000.00	Project planning on-going
2022-117	MCCARTHY'S LANDING DOCK	65,000.00	33,008.73	31,951.27	40.00	Will be expended by end of FY 2024
2022-118	MILL POND FISHWAY DESIGN	220,000.00	13,902.44	13.83	206,083.73	Project planning on-going
2023-080	MCCARTHY'S LANDING DINGH	295,000.00	-	-	295,000.00	Project planning on-going
2023-081	COTUIT TOWN DOCK IMPROV	100,000.00	-	-	100,000.00	Project planning on-going
	TOTAL	3,334,833.00	192,641.55	462,222.24	2,679,969.21	

COUNCIL ORDER #	PROJECT DESCRIPTION	APPROPRIATION	EXPENDED	ENCUMBERED	BALANCE	
	SCHOOL DEPARTMENT					
2017-066	BPS ASBESTOS ABATEMENT	300,000.00	200,640.39	34,365.00	64,994.61	Work is on-going
2019-093	PHASE 2 FIELD IMPROVEMEN	250,000.00	111,034.28	-	138,965.72	Work is on-going
2019-098	BHS/BIS ROOF TOP VENTILA	1,500,000.00	1,468,200.00	31,800.00	-	Work is on-going
2019-099	CENTERVILLE ELEM UNIT VE	500,000.00	454,053.31	-	45,946.69	Work is on-going
2019-100	SCHOOL FACILITIES ASSMT	150,000.00	124,847.94	25,152.06	-	Will be expended by end of FY 2024
2021-084	BHS/BIS ROOFTOP VENTILAT	3,752,550.00	2,625,557.12	139,965.71	987,027.17	Work is on-going
2021-086	BHS TURF REPLACEMENT/TRA	1,423,500.00	1,149,374.67	146,401.22	127,724.11	Work is on-going
2022-121	BHS/BIS ROOFTOP VENTILAT	4,156,984.00	-	-	4,156,984.00	Project planning on-going
2022-122	BPS DOOR/WINDOW REPLACEM	1,000,000.00	92,307.39	147,550.00	760,142.61	Work is on-going
2022-123	BPS GENERATORS-VARIOUS	650,000.00	82,025.34	536,318.74	31,655.92	Work is on-going
2022-124	BHS TENNIS COURT REPLACE	1,622,000.00	33,731.36	110,977.65	1,477,290.99	Work is on-going
2022-126	BPS CAMPUS WIDE PAVING/S	350,000.00	24,068.06	40,000.00	285,931.94	Work is on-going
2022-127	BPS MECHANICAL UPGRADES	250,000.00	234,168.10	15,831.90	-	Work is on-going
2022-128	BPS FLOOR REPLACEMENT	100,000.00	19,492.00	45,316.86	35,191.14	Work is on-going
2022-129	ELECTRIC UTILITY TRANSFO	300,000.00	22,418.74	277,581.26	-	Work is on-going
2023-111	EIFS WALL REPLACEMENT-CO	400,000.00	16,827.00	26,473.00	356,700.00	Work is on-going
2023-112	BPS DOOR/WINDOW REPLACEM	1,000,000.00	46,785.00	107,815.00	845,400.00	Work is on-going
2023-113	BPS PAVING/SIDEWALKS REP	350,000.00	-	44,700.00	305,300.00	Work is on-going
2023-114	BHS CULINARY ARTS KITCHE	500,000.00	-	-	500,000.00	Project planning on-going
2023-115	BPS MECHANICAL UPGRADES	250,000.00	114,408.58	33,424.48	102,166.94	Work is on-going
2023-116	KNIGHT HALL CHILLER REPL	250,000.00	-	-	250,000.00	Project planning on-going
2023-117	BHS PHASE II SOFTBALL FI	1,000,000.00	-	-	1,000,000.00	Project planning on-going
2023-118	WEST VILLAGES ELEM CARPE	750,000.00	9,011.84	15,233.16	725,755.00	Work is on-going
2023-130	BPS LIGHT REPLACEMENT PR	1,444,398.00	455,083.54	135,933.12	853,381.34	Work is on-going
2023-200	PORTABLE CLASSROOMS BCIS	3,500,000.00	-	3,500,000.00	-	Work is on-going
	TOTAL	25,749,432.00	7,284,034.66	5,414,839.16	13,050,558.18	
	AIRPORT ENTERPRISE					
2014-090	TERMINAL & BLDG IMPROVEM	99,000.00	28,380.00	-	70,620.00	To be used for HVAC improvements
2017-094	RUNWAY/TAXIWAY MARKING P	75,000.00	58,173.12	-	16,826.88	Work is on-going
2019-103	AIRCRAFT RESCUE & FIREFI	432,700.00	426,694.16	-	6,005.84	Will be expended by end of FY 2024
2019-109	ACCESS RD EAST SIDE IMPR	1,000,000.00	-	-	1,000,000.00	Project planning on-going
2020-097	ENVIRONMENTAL REVIEW	1,150,000.00	855,613.63	169,791.67	124,594.70	Work is on-going
2020-172	FIXED BASE OPERATIONS	172,938.00	45,922.98	-	127,015.02	Work is on-going
2021-087	REPLACE RUNWAY 6-24 EMAS	7,500,000.00	5,260,376.00	1,291,887.60	947,736.40	Work is on-going
2021-088	RUNWAY 6-24 RECONSTRUCT	19,052,000.00	17,598,214.24	1,017,628.18	436,157.58	Work is on-going
2021-090	REPLACE SRE EQUIPMENT #3	57,000.00	53,440.53	-	3,559.47	Will be expended by end of FY 2024
2021-093	REPLACE SRE EQUIPMENT #3	115,000.00	-	-	115,000.00	Project planning on-going
2021-094	REPLACE AIRFIELD MOWING	165,000.00	-	-	165,000.00	Project planning on-going
2021-095	REPLACE SRE EQUIP #27	115,000.00	-	-	115,000.00	Project planning on-going

COUNCIL ORDER #	PROJECT DESCRIPTION	APPROPRIATION	EXPENDED	ENCUMBERED	BALANCE	
	<u>AIRPORT ENTERPRISE</u>					
2022-130	ARFF EQUIPMENT REPLACEME	978,000.00	-	-	978,000.00	Project planning on-going
2022-132	PFAS MITIGATION DESIGN	1,004,000.00	85,827.89	9,107.11	909,065.00	Work is on-going
2022-133	MO-GAS/DIESEL FUEL CON-V	1,200,000.00	-	-	1,200,000.00	Project planning on-going
2023-121	SECURITY CAMERA UPGRADES	689,000.00	-	-	689,000.00	Project planning on-going
2023-125	JET A FUEL STORAGE TANK	355,000.00	-	-	355,000.00	Project planning on-going
2023-119	HVAC UPGRADES TERMINAL/T	1,015,864.00	9,000.00	-	1,006,864.00	Project planning on-going
2023-120	MASTER PLAN UPDATES	525,000.00	-	-	525,000.00	Project planning on-going
2023-122	SNOW REMOVAL EQUIPMENT-#	383,000.00	-	-	383,000.00	Project planning on-going
2023-123	SRE STORAGE FACILITY	1,120,580.00	-	-	1,120,580.00	Project planning on-going
2023-124	ELECTRIC AIRCRAFT SUPPOR	505,000.00	-	-	505,000.00	Project planning on-going
	TOTAL	37,709,082.00	24,421,642.55	2,488,414.56	10,799,024.89	
	<u>GOLF ENTERPRISE</u>					
2023-108	HGC TURF MAINT EQUIPMENT	492,270.00	71,877.06	420,392.36	0.58	Work is on-going
2023-109	OBF IRRIGATION SPRINKER	82,561.00	80,057.60	2,503.40	-	Will be expended by end of FY 2024
2023-110	OBF CART BARN ROOF REPLA	161,757.00	-	-	161,757.00	Project planning on-going
	TOTAL	736,588.00	151,934.66	422,895.76	161,757.58	
	<u>SOLID WASTE ENTERPRISE</u>					
2022-097	CONTAINER UNIT REPLACEME	50,000.00	43,690.00	6,310.00	-	Work is on-going
2022-098	GENERATOR REPLACEMENT	130,000.00	-	-	130,000.00	Project planning on-going
2022-099	TRANSFER STATION MAINT B	242,347.00	-	-	242,347.00	Project planning on-going
2023-082	LICENSE PLATE READER	50,000.00	41,207.00	-	8,793.00	Will be expended by end of FY 2024
2023-083	CONTAINER REPLACEMENT PR	50,000.00	-	15,556.00	34,444.00	Work is on-going
	TOTAL	522,347.00	84,897.00	21,866.00	415,584.00	
	<u>SEWER ENTERPRISE</u>					
2019-068	JBCC FEASIBILITY STUDY	250,000.00	112,671.38	107,328.62	30,000.00	Work is on-going
2019-069	ROADWAY DESIGN/UTILITY W	735,000.00	418,651.29	-	316,348.71	Work is on-going
2019-071	COTUIT-DESIGN SWR EXPANS	250,000.00	-	-	250,000.00	Project planning on-going
2019-131	SEWER SYSTEM EVAL SURVEY	380,000.00	293,260.57	39,326.00	47,413.43	Work is on-going
2019-133	BEARSE'S WAY VACUUM SEWE	1,895,000.00	5,443.32	-	1,889,556.68	Project planning on-going
2019-143	LONG POND SEWER EXP DESI	938,000.00	-	-	938,000.00	Project planning on-going
2019-144	MM RIVER TREATMENT SYSTE	612,000.00	19,580.52	-	592,419.48	Project planning on-going
2019-145	PHINNEY'S LANE SEWER EXP	735,000.00	-	-	735,000.00	Project planning on-going
2019-213	SEWER INFRASTRUCT/STAWBE	13,275,023.00	12,125,373.42	677,301.91	472,347.67	Work is on-going
2020-002	CONSTRUCTION OF ROADWAY	1,775,000.00	643,036.23	698,172.02	433,791.75	Work is on-going
2020-030	RTE 28 EAST SEWER EXP/PU	800,000.00	789,345.44	1,253.20	9,401.36	Work is on-going
2020-175	FY21 PUMP STATION REHAB	1,502,803.66	1,244,614.72	238,367.70	19,821.24	Work is on-going

COUNCIL ORDER #	PROJECT DESCRIPTION	APPROPRIATION	EXPENDED	ENCUMBERED	BALANCE	
	<u>SEWER ENTERPRISE</u>					
2021-009	WPC SOLIDS HANDLING PROJ	11,350,000.00	9,957,637.07	1,273,550.00	118,812.93	Work is on-going
2021-037	DENITRIFICATION EVAL AT	200,000.00	98,685.18	166.43	101,148.39	Work is on-going
2021-123	WPC FACILITY STUDY	250,000.00	137,205.28	22,794.72	90,000.00	Work is on-going
2021-124	PUMP STATION REHAB	2,795,000.00	1,935,713.76	826,605.05	32,681.19	Work is on-going
2021-125	720 MAIN ST PUMP STATION	365,000.00	21,774.66	-	343,225.34	Work is on-going
2021-180	RT 28 EAST SEWER EXPANSI	22,000,000.00	14,564,893.31	4,863,369.02	2,571,737.67	Work is on-going
2022-044	VINEYARD WIND 2 ROUTE SE	2,750,000.00	1,701,800.84	129,290.50	918,908.66	Work is on-going
2022-045	ROUTE 28WEST SEWER EXPAN	3,500,000.00	579,553.14	901,188.98	2,019,257.88	Work is on-going
2022-081	EFFLUENT DISPOSAL ALTERN	1,000,000.00	-	265,000.00	735,000.00	Project planning on-going
2022-082	CRAIGVILLE RD SWR EXPAN	600,000.00	135,432.00	102,168.00	362,400.00	Work is on-going
2022-083	SHOOTFLYING HILL SWR EXP	375,000.00	30,381.00	203,319.00	141,300.00	Work is on-going
2022-084	OLD YARMOUTH RD SWR EXP	275,000.00	38,679.65	-	236,320.35	Work is on-going
2022-085	NITROGEN REMOVAL @WPC FA	3,000,000.00	1,051,896.46	1,948,103.54	-	Work is on-going
2022-086	PUMP STATION REHAB	2,860,000.00	-	-	2,860,000.00	Project planning on-going
2022-087	720 MAIN ST PUMP STATION	11,000,000.00	-	10,356,691.89	643,308.11	Work is on-going
2022-088	WPC FACILITY IMPROVMTS	330,000.00	6,500.00	-	323,500.00	Project planning on-going
2022-089	SEWER SYSTEM REHAB INFIL	760,000.00	-	-	760,000.00	Project planning on-going
2023-007	725 MAIN ST PUMP-GRANT	1,965,218.61	373,663.00	1,591,555.61	-	Work is on-going
2023-052	HEADWORKS IMPROVEMENT PR	2,850,000.00	168,643.53	327,693.47	2,353,663.00	Work is on-going
2023-084	PUMP STATION REHAB	1,750,000.00	-	118,991.00	1,631,009.00	Work is on-going
2023-086	DOWNTOWN HYANNIS FORCE M	800,000.00	13,600.00	28,140.00	758,260.00	Work is on-going
2023-088	OLD CRAIGVILLE RD SEWER	1,500,000.00	-	-	1,500,000.00	Project planning on-going
2023-089	LONG BEACH SEWER EXPANSI	350,000.00	-	-	350,000.00	Project planning on-going
2023-090	OLD YARMOUTH RD SWR EXPA	650,000.00	-	-	650,000.00	Project planning on-going
2023-091	WARREN'S COVE AQUACULTUR	150,000.00	-	-	150,000.00	Project planning on-going
2023-127	WPC FACILITY SECURITY SY	75,000.00	-	-	75,000.00	Project planning on-going
2024-003	LATERAL RISER-STRAWBERRY	850,000.00	516,223.58	304,969.42	28,807.00	Work is on-going
	TOTAL	97,498,045.27	46,984,259.35	25,025,346.08	25,488,439.84	
	<u>WATER SUPPLY ENTERPRISE</u>					
2013-087	WELL EXPLORATION PROGRAM	489,500.00	323,960.36	165,539.64	-	Work is on-going
2014-073	NEW WELL EXPLORATION 201	583,000.00	238,795.30	165,735.36	178,469.34	Work is on-going
2018-081	FY19 PIPE REPLACEMENT	1,050,000.00	1,040,942.98	8,295.96	761.06	Work is on-going
2018-083	NEW WELL EXPLORATION	555,000.00	294,905.66	21,646.89	238,447.45	Work is on-going
2019-059	MARY DUNN WELL #4 REACTI	571,000.00	223,767.50	86,047.22	261,185.28	Work is on-going
2019-069	ROADWAY DESIGN/UTILITY W	100,000.00	35,375.00	2,440.00	62,185.00	Work is on-going
2019-135	FY20 PIPE REPLACEMENT UP	1,050,000.00	920,822.95	129,172.05	5.00	Work is on-going
2019-137	VALVE MAINT TRAILER SYST	75,000.00	-	-	75,000.00	Project planning on-going
2019-212	PHINNEY'S LANE WATER INF	1,000,000.00	814,565.83	126,760.61	58,673.56	Work is on-going

COUNCIL ORDER #	PROJECT DESCRIPTION	APPROPRIATION	EXPENDED	ENCUMBERED	BALANCE	
	<u>WATER SUPPLY ENTERPRISE</u>					
2020-120	FY21 PIPE REPLACEMT/UPGR	750,000.00	652,141.66	22,740.29	75,118.05	Work is on-going
2020-122	AIRPORT/MARY DUNN WELL S	300,000.00	231,296.30	20,865.70	47,838.00	Work is on-going
2021-119	FY22 PIPE REPLACEMENT UP	1,050,000.00	631,825.42	348,779.70	69,394.88	Work is on-going
2021-121	WELLS, PUMP STATION UGRA	200,000.00	133,877.78	9,830.89	56,291.33	Work is on-going
2022-092	FY23 PIPE REPLACEMENT &	1,050,000.00	318,271.42	75,335.00	656,393.58	Work is on-going
2022-093	STRAIGHTWAY FILTRATION P	1,000,000.00	262.81	660,531.00	339,206.19	Work is on-going
2022-094	OCEAN ST WATER MAIN CONS	480,000.00	-	-	480,000.00	Project planning on-going
2022-095	WELLS, PUMP STATION UPGR	200,000.00	35,502.00	15,056.31	149,441.69	Work is on-going
2022-096	MARY DUNN 1 TANK REPAINT	65,000.00	39,035.25	23,345.00	2,619.75	Work is on-going
2023-035	LEAD SERVICE LINE INVENT	400,000.00	34,836.45	258,388.00	106,775.55	Work is on-going
2023-092	FY24 PIPE REPLACEMENT AN	1,500,000.00	228.86	-	1,499,771.14	Project planning on-going
2023-093	FY24 WELLS, PUMP STATION	200,000.00	20,668.48	12,492.50	166,839.02	Work is on-going
2023-094	MARY DUNN 1 WATER TANK	927,000.00	-	-	927,000.00	Project planning on-going
2023-095	NEW WELL EXPLORATION PRO	620,000.00	100.12	-	619,899.88	Project planning on-going
2023-096	MARY DUNN 4 WELL BUILDIN	1,000,000.00	-	-	1,000,000.00	Project planning on-going
2023-097	MARY DUNN RD WATER MAIN	3,000,000.00	-	-	3,000,000.00	Project planning on-going
	TOTAL	18,215,500.00	5,991,182.13	2,153,002.12	10,071,315.75	
	<u>MARINA ENTERPRISE</u>					
1515-109	RECONSTRUCT PRINCE COVE	570,000.00	546,878.85	-	23,121.15	Will be closed at the end of FY 2024
1515-110	HYANNIS HARBOR BULKHEAD-	158,000.00	86,117.83	71,882.17	-	Work is on-going
2121-101	DESIGN BISMORE PARK BULK	375,000.00	2,218.01	82,637.83	290,144.16	Work is on-going
2323-074	PRINCE COVE IMPROV DESIG	195,000.00	-	-	195,000.00	Project planning on-going
	TOTAL	1,298,000.00	635,214.69	154,520.00	508,265.31	
	<u>SANDY NECK ENTERPRISE</u>					
2019-120	GATEHOUSE & TRAIL IMPROV	60,000.00	50,974.17	9,025.83	-	Work is on-going
2021-100	SANDY NECK PARKING LOT R	225,000.00	190,536.50	34,463.50	-	Work is on-going
2023-073	SANDY NECK FACILITY	50,000.00	-	22,314.71	27,685.29	Work is on-going
	TOTAL	335,000.00	241,510.67	65,804.04	27,685.29	
	<u>HYCC ENTERPRISE</u>					
2019-115	HYCC ROOF/HVAC/SECURITY	589,944.48	446,594.48	143,350.00	-	Work is on-going
2020-103	FY21 HYCC FACILITY IMPRO	756,000.00	756,000.00	-	-	Project planning on-going
2021-106	HYCC FACILITY IMPROVEMEN	1,644,600.00	344,089.23	1,300,510.77	-	Work is on-going
2022-111	HYCC MECHANICALS IMPROV	1,770,000.00	35,458.37	1,193,512.98	541,028.65	Work is on-going
2023-100	HYCC MECHANICALS IMPROVM	1,752,400.00	-	500.00	1,751,900.00	Project planning on-going
	TOTAL	6,512,944.48	1,582,142.08	2,637,873.75	2,292,928.65	
	GRAND TOTAL	\$ 247,355,476.22	\$ 108,991,519.68	\$ 44,727,648.87	\$ 93,636,307.67	

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PART IV – FIVE YEAR FUNDING CAPACITY EVALUATION

A total of 251 projects amounting to \$866 million were submitted for requests over the next 5 years. This includes General Fund, Comprehensive Wastewater Management Plan (CWMP), and all Enterprise Funds. The town has several funding sources to finance its capital program: the Capital Trust Fund, which is used to finance General Fund capital, General Fund reserves, each individual Enterprise Fund, and two Stabilization Funds.

The Capital Trust Fund is a mechanism that allows the town to accumulate funds from various sources to finance its General Fund supported capital program. A transfer is made annually by the General Fund with a projected transfer for FY 2025 of \$16.2 million. This transfer will be part of the annual operating budget.

A funding tool was created several years ago to help the town finance the Comprehensive Wastewater Management Plan. Through special legislation, a Sewer Construction & Private Way Maintenance and Improvement Fund was created. The state legislature approved a home rule petition that allows the town to credit 100% of the local meals tax and 1/3 of the local room's tax on traditional lodging to this fund. The town may appropriate monies in the fund for planning, designing, and construction of sewers and other means of comprehensive wastewater management and maintenance and improvement of private ways. This will be used to fund a portion of the Comprehensive Wastewater Management Plan (CWMP). In addition, the state legislature recently implemented a law change that requires the room occupancy tax to be applied to short-term rental property. The town has dedicated 100% of this to a Stabilization Fund called the Comprehensive Management of Water and Wastewater, which supports the Comprehensive Wastewater Management Plan (CWMP) and the Water Supply capital program.

Most of the Enterprise Funds' capital improvements are financed by the respective enterprise fund operation through a combination of user fees and grant funding. The Hyannis Youth & Community Center (HYCC) is the exception because it is unable to cover the cost of operations and capital needs through its user fees. Furthermore, some future Enterprise Fund projects may require General Fund subsidies as the impact to user fees may be too significant due to the cost of the projects.

The schedules on the following pages illustrate the funding capacity of the Capital Trust Fund and the Sewer Construction & Private Way Maintenance and Improvement Fund. A limited number of the projects that were submitted for the next five years can be funded. Town can anticipate funding \$164 million in General Fund capital projects through the Capital Trust Fund. This includes \$55 million directed towards the Comprehensive Wastewater Management Plan. General Fund reserves and Community Preservation Fund resources will supplement the capital program depending upon the amounts available in the future as well as any grant opportunities that arise. The Town also anticipates receiving \$3 million annually under the state's Chapter 90 program which helps maintain and improve public road infrastructure.

The \$171 million submitted for enterprise funds will need to be financed through rates charged by those operations. Rates charged by the enterprise funds will need to be adjusted annually to provide the resources necessary to implement. The \$431 million of projects listed for the Comprehensive Wastewater Management Plan will need an infusion of new resources in order to implement them in the years indicated.

Sewer Construction & Private Way Maintenance and Improvement Fund Cash Flow Analysis

Chapter 355 of the Acts of 2014 enacted by the General Court allows the Town of Barnstable to establish a Special Revenue Fund that may be used for planning, designing, and construction of sewers and other means of comprehensive wastewater management and maintenance and improvement of qualifying private ways.

Dedicated revenue sources for this fund include 100% of the local meals excise tax and one-third of the local rooms excise tax on traditional lodging. In addition, any or sewer assessments or road betterments to property abutters on sewer construction and private way improvements will be credited to this fund if the fund is used to finance the improvements.

Finally, the room occupancy tax now applies to short-term rentals and this revenue has been dedicated in a Stabilization fund for the comprehensive management of water and wastewater, which includes the Comprehensive Wastewater Management Plan.

Major Assumptions Used In Table A:

- Rooms and meals tax revenue will grow 1.25% per year;
- Earnings on investments will average 3%;
- A General Fund subsidy will be provided to fund the Comprehensive Wastewater Management Plan that grows to \$5,750,000 by FY 2027;
- Sewer assessments of \$10,000 will be applied to new sewer customers;
- Sewer assessments will be amortized over 30 years;
- Sewer assessments will begin to be collected one year after the project's completion;
- New sewer customers will be phased in over a 2 year period once project is complete;
- Interest rate on sewer assessments (4%) will be 2% higher than the Town's borrowing rate (2%);
- A portion of the user rate revenue collected from new customers will be directed towards the debt service for the new infrastructure;
- Project costs for FY 2025 to FY 2026 totaling \$227 million are included and nothing is included for the outer years;
- Preliminary design costs will be financed with cash reserves;
- Principal subsidies on project costs are 15.3%;
- Loan amortization on bond issues will be 20 and 30 years for construction;
- The average interest rate on the bonds are estimated to be 2.8%;
- The first loan payments on borrowing authorizations are expected to occur 3 years after the appropriation is authorized;
- The Federal government will not make any changes and the tax advantages of municipal bonds will remain intact;
- No other major changes will take place in the municipal bond market;
- Project management staff will increase over time as more infrastructure projects are implemented.

TABLE A – Estimated Comprehensive Wastewater Management Plan Cash Flow

COMPREHENSIVE WASTEWATER MANAGEMENT PLAN										
PROGRAM CASHFLOW PROJECTION										
Fiscal Year	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Beginning Reserve Balances	\$ 25,177,178	\$ 27,367,112	\$ 33,555,600	\$ 36,438,459	\$ 39,568,706	\$ 39,821,443	\$ 36,912,264	\$ 34,142,522	\$ 31,950,089	\$ 30,505,470
Resources:										
Rooms Tax on Traditional Lodging	1,198,254	1,213,232	1,228,398	1,243,752	1,259,299	1,275,041	1,290,979	1,307,116	1,323,455	1,339,998
Meals Tax	2,042,353	2,067,882	2,093,731	2,119,903	2,146,401	2,173,231	2,200,397	2,227,902	2,255,751	2,283,947
Short-term Rental Tax	1,876,720	1,900,179	1,923,931	1,947,980	1,972,330	1,996,984	2,021,946	2,047,221	2,072,811	2,098,721
General Fund Contribution (new growth)	1,500,000	2,250,000	3,000,000	3,750,000	3,750,000	3,750,000	3,750,000	3,750,000	3,750,000	3,750,000
Additional General Fund Contribution	-	4,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Earnings on Investments	755,315	821,013	1,006,668	1,093,154	1,187,061	1,194,643	1,107,368	1,024,276	958,503	915,164
Existing Sewer Assessments	77,803	75,685	72,974	70,888	68,801	66,715	64,628	62,542	62,542	62,542
New Sewer Assessments	-	45,648	63,102	63,102	150,490	546,319	962,474	1,491,455	1,863,953	1,863,953
New User Charge Revenue	-	26,608	65,926	79,567	126,892	214,234	330,805	479,417	738,843	1,004,179
Total Resources	7,450,445	12,400,248	11,454,730	12,368,346	12,661,275	13,217,168	13,728,597	14,389,928	15,025,857	15,318,504
Commitments:										
Total Project Management	1,974,329	2,623,829	2,698,044	2,774,485	2,853,220	2,934,316	3,017,846	3,103,881	3,192,498	3,283,772
Cash Funded Project Expenses	2,650,000	750,000	3,100,000	2,700,000	2,800,000	1,400,000	-	-	-	-
Authorized & Issued Debt	636,182	1,732,452	1,668,347	1,665,567	1,662,814	1,660,090	1,652,395	1,650,382	1,449,880	1,449,127
Authorized & Unissued Debt	-	1,105,479	1,105,479	2,098,047	2,098,047	2,098,047	2,098,047	2,098,047	2,098,047	2,098,047
Future Debt (FY25 & FY26 Projects only)	-	-	-	-	2,994,456	8,033,894	9,730,051	9,730,051	9,730,051	9,730,051
Total Debt Service	636,182	2,837,931	2,773,826	3,763,614	6,755,318	11,792,031	13,480,493	13,478,480	13,277,978	13,277,225
Total Commitments	5,260,511	6,211,760	8,571,870	9,238,099	12,408,537	16,126,347	16,498,339	16,582,361	16,470,476	16,560,998
Excess Resources (Commitments)	2,189,934	6,188,488	2,882,859	3,130,246	252,738	(2,909,180)	(2,769,742)	(2,192,433)	(1,444,619)	(1,242,493)
Ending Reserve Balances	\$ 27,367,112	\$ 33,555,600	\$ 36,438,459	\$ 39,568,706	\$ 39,821,443	\$ 36,912,264	\$ 34,142,522	\$ 31,950,089	\$ 30,505,470	\$ 29,262,977

This table illustrates all the revenue sources dedicated to funding the CWMP as well as projected costs for the next 10 years. Revenue includes meals and rooms tax, a property tax contribution from the General Fund, interest earnings on cash deposits and sewer assessment and utility charges. Expenditures include project management and project expenses funded either with cash or loans issued to finance project costs. Loan payments include those that have already been issued, estimates on loan payments for those that have been authorized but not yet issued, and estimated loan payments for projects requested in the FY25 and FY26 fiscal years. Total commitments begin to exceed the resources by FY29 resulting in the need to use reserves to cover all commitments. As a result, the fund has

reached its capacity after financing all existing commitments and future commitments for FY25 and FY26 and additional resources need to be identified to keep the program moving forward.

Capital Trust Fund (CTF) Cash Flow Analysis

The Capital Trust Fund (CTF) is used as a mechanism to finance the Town's General Fund Capital Improvement Program within the limitations of Proposition 2½. Annually, the Town transfers a sum of money from the General Fund into the CTF. The resources within the CTF are then used to make the annual loan payments on the bonds issued to finance the Town's capital program. The loan payments are part of the General Fund operating budget. The CTF operates essentially as a debt service fund. Some of the Town's capital appropriations are financed using the reserves within the CTF as opposed to bond issues. Annually, the Town reviews the projected cash flow of the CTF for the prospective 10-year period in order to measure the capacity level of the fund.

For the most part, this fund is not the funding source for Enterprise Fund capital improvements. Most Enterprise Funds pay 100% of their capital cost, which is recovered through their respective user fees. However, Enterprise Fund capital improvements may be funded from the CTF, which is a policy decision. The two current exceptions are the bond issues for the construction of and improvements to the Hyannis Youth & Community Center (HYCC) and Barnstable Harbor Marina bulkhead replacement. Some future project costs for other Enterprise Funds may need General Fund support and these are evaluated every year. An example would be the Bismore Park Bulkhead Improvements project and possibly the Sandy Neck Parking Lot and Gatehouse Relocation project. The increase in user fees may be too great, resulting in customer loss and they may need to be supplemented with a General Fund contribution.

The FY 2025 General Fund Capital Improvement Plan includes a combination of "pay-as-you-go" or cash financing, and new bond issues. The cash-financing portion of the program is funded from the Capital Trust Fund reserves. This "pay-as-you-go" financing approach saves the Town thousands of dollars in the form of bond issuance and interest cost. It also provides flexibility within the budget because with just a debt service program, the CTF can become saturated with loan payments and prohibit the approval of any new projects until the debt service from other projects expire. This would also reduce the Town's flexibility in its resource allocation as future cash flows are committed to fixed annual loan payments.

In the event of absolute necessity, the cash portion of the program could be converted to a debt program to allow for a larger capital program up front. For example, the Town could allocate \$1 million in cash per year for capital improvements over ten years or allocate \$10 million towards a bond issue in the first year. A \$10 million bond issue could incur \$1.6 million in interest cost amortized over a period of 10-years. The \$1.6 million in interest cost is the opportunity cost that could have been used for existing project needs, but this is all based on available reserves.

Furthermore, the cash program portion, if reduced or eliminated, could decrease the annual contribution from the General Fund to the CTF, if the need for funding General Fund operations is determined to be greater than the need for capital expenditures. Countless scenarios can be created to allocate the annual cash flow of the CTF between cash and borrowing programs.

The annual contribution to the CTF has grown from \$7.4 to \$16.3 million over the last ten years. This amount is projected to increase by more than \$5 million over the next ten in order to allocate more funds to the capital program. Even as more funds are allocated to the capital program, the Town's capital needs require a higher contribution level. Opportunities to increase this contribution are examined every year.

The table on the next page illustrates the CTF's capacity over the next ten years.

Estimated Capital Trust Fund Cash Flow FY 2025 – FY 2034

		ESTIMATED CAPITAL TRUST FUND CASH FLOW									
		FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033	FY2034
1	Beginning Trust Fund Balance	\$ 14,876,204	\$ 15,189,475	\$ 14,995,182	\$ 14,283,099	\$ 13,421,552	\$ 12,085,262	\$ 9,893,425	\$ 8,593,697	\$ 8,184,447	\$ 8,754,921
Resources:											
2	Investment Earnings	297,524	303,790	299,904	285,662	268,431	241,705	197,868	171,874	163,689	175,098
3a	Additional contribution towards CWMP	-	-	-	-	-	-	-	-	-	-
3b	New Growth Commitment for CWMP	750,000	750,000	750,000	-	-	-	-	-	-	-
3c	Base General Fund Transfer	15,498,709	16,654,927	17,840,050	19,054,801	19,531,171	20,019,450	20,519,936	21,032,934	21,558,757	22,097,726
3d	Transfer From General Fund (3a + 3b + 3c)	16,248,709	17,404,927	18,590,050	19,054,801	19,531,171	20,019,450	20,519,936	21,032,934	21,558,757	22,097,726
4	Total Current Year Resources (2 + 3d)	16,546,233	17,708,717	18,889,954	19,340,463	19,799,602	20,261,155	20,717,804	21,204,808	21,722,446	22,272,824
5	Total Available Resources (1 + 3d)	31,422,437	32,898,192	33,885,135	33,623,562	33,221,154	32,346,417	30,611,229	29,798,505	29,906,893	31,027,745
Commitments:											
6a	Existing Debt Service Payments General Fund	(6,249,510)	(5,978,395)	(5,332,870)	(4,872,365)	(4,592,515)	(4,419,559)	(4,142,159)	(3,870,069)	(3,533,119)	(3,356,669)
6b	Existing Debt Service Payments Enterprise Funds	(1,340,795)	(1,283,975)	(1,238,895)	(705,850)	(371,675)	(358,950)	(317,075)	(301,875)	(292,925)	(284,275)
6c	Existing Debt Service (6a + 6b)	(7,590,305)	(7,262,370)	(6,571,765)	(5,578,215)	(4,964,190)	(4,778,509)	(4,459,234)	(4,171,944)	(3,826,044)	(3,640,944)
7a	Authorized Unissued Debt Prior Years CIP (\$14.6m)	(1,542,657)	(1,503,981)	(1,465,306)	(1,426,630)	(1,387,955)	(1,349,279)	(1,310,604)	(1,271,929)	(1,233,253)	(1,194,578)
7b	Estimated Debt Service on FY25 CIP (\$12 million)	-	(1,186,659)	(1,158,632)	(1,130,606)	(1,102,580)	(1,074,554)	(1,046,528)	(1,018,502)	(990,476)	(962,450)
7c	Estimated Debt Service on FY26 CIP (\$16 million)	-	-	(1,606,333)	(1,568,225)	(1,530,117)	(1,492,008)	(1,453,900)	(1,415,792)	(1,377,683)	(1,339,575)
7d	Estimated Debt Service on FY27 CIP (\$16 million)	-	-	-	(1,598,333)	(1,560,717)	(1,523,100)	(1,485,483)	(1,447,867)	(1,410,250)	(1,372,633)
7e	Estimated Debt Service on FY28 CIP (\$16 million)	-	-	-	-	(1,590,333)	(1,553,208)	(1,516,083)	(1,478,958)	(1,441,833)	(1,404,708)
7f	Estimated Debt Service on FY29 CIP (\$16 million)	-	-	-	-	-	(1,582,333)	(1,545,700)	(1,509,067)	(1,472,433)	(1,435,800)
7g	Total Estimated Debt Service (7a to 7f)	(1,542,657)	(2,690,640)	(4,230,272)	(5,723,795)	(7,171,702)	(8,574,483)	(8,358,299)	(8,142,114)	(7,925,929)	(7,709,744)
8	Commitment to the CWMP	(4,250,000)	(5,000,000)	(5,750,000)	(5,750,000)	(5,750,000)	(5,750,000)	(5,750,000)	(5,750,000)	(5,750,000)	(5,750,000)
9	Cash Program (Public Roads)	(2,850,000)	(2,950,000)	(3,050,000)	(3,150,000)	(3,250,000)	(3,350,000)	(3,450,000)	(3,550,000)	(3,650,000)	(3,750,000)
10	Cash Program (8 + 9)	(7,100,000)	(7,950,000)	(8,800,000)	(8,900,000)	(9,000,000)	(9,100,000)	(9,200,000)	(9,300,000)	(9,400,000)	(9,500,000)
12	Total Current Year Commitments (6c + 7g + 10)	(16,232,962)	(17,903,010)	(19,602,037)	(20,202,010)	(21,135,892)	(22,452,992)	(22,017,532)	(21,614,057)	(21,151,973)	(20,850,688)
13	Net Increase (Decrease) in Trust Fund Balance (4 - 12)	313,271	(194,293)	(712,083)	(861,547)	(1,336,290)	(2,191,837)	(1,299,728)	(409,250)	570,473	1,422,137
14	Ending Trust Fund Balance (1 + 13)	\$ 15,189,475	\$ 14,995,182	\$ 14,283,099	\$ 13,421,552	\$ 12,085,262	\$ 9,893,425	\$ 8,593,697	\$ 8,184,447	\$ 8,754,921	\$ 10,177,058
15	Commitments as a % of Available Resources (12 ÷ 5)	52%	54%	58%	60%	64%	69%	72%	73%	71%	67%

This table illustrates the Capital Trust Fund's (CTF) cash flow incorporating all existing loan payments on previously authorized projects (lines 6c and 7a) and the recommended projects for FY25 (7b). Cash funded projects in FY25 total \$7.1 million (lines 8 and 9) and bond funded projects total \$12.1 million (line 7b). The bonds will be issued in FY25 and the first estimated loan payment of \$1.1 million is anticipated to be made in FY26. Lines 7c through 7f illustrate the estimated loan payments on a \$16 million bond issue for projects to be authorized in outer years. The percentage of the trust fund's current year resources that are committed in any year are less than the Administrative Code limit of 80% (line 15) indicating that the fund has the capacity to absorb \$76 million in new debt service over the next 5 years (\$12 million in FY25 and \$16 million for FY26 through FY29).

DEBT POSITION ANALYSIS

A. Type And Purpose of Debt

The Town sells bonds to finance major capital improvements that require large cash outlays. General Obligation Bonds (G.O.B) have been sold to fund capital improvements managed by various municipal operations such as schools, public works, marine, recreation, conservation, and the Town's Enterprise Fund operations. General Obligation Bonds are supported by the full faith and credit of the Town and is repaid from property taxes collected from both current and future property owners throughout the term of the debt, except for the bonds issued to fund most capital improvements for Enterprise Fund operations. Although property taxes are pledged as collateral for Enterprise Funds, most of the GOB's are repaid with revenue generated by the Enterprise Funds and not property taxes. This arrangement provides for a more favorable borrowing rate on Enterprise Fund debt. Alternatively, Enterprise Funds would have to issue what are referred to as "Revenue Bonds", which would typically carry much higher interest rates because the collateral is Enterprise Fund revenue as opposed to property taxes.

Properly structured municipal debt is tax exempt. This feature is attractive to many investors who, in turn, require less interest than they would from non-tax-exempt investments. Typical rates for municipal bonds over the past several years have been in the 1.5% to 3% range. Rates have climbed as the economy is experiencing extraordinary inflation. The Federal Reserve has increased interest the federal funds target rate several times which translates into higher borrowing costs for all including the interest incurred on municipal bonds. However, when netted out against inflation, municipal borrowing costs, especially for strong credit worthy Towns such as Barnstable is desirable form of investment for many due to its income tax advantages.

The Town operates several Enterprise Funds that includes an airport, two golf courses, wastewater treatment facility, solid waste transfer station, water supply operations, four marinas, Sandy Neck Beach Park, the Hyannis Youth & Community Center, and the Public, Educational and Government Access channels. These funds are expected to repay their debt from the revenues they generate unless it is determined that a General Fund contribution is necessary to provide for some fee mitigation. In addition, the Town has borrowed on behalf of the Community Preservation Fund (CPF), which was created by general legislation to enable towns in the Commonwealth to acquire open space and to finance recreation, community housing, and historic preservation projects. The CPF, a special revenue fund, is funded with 3% surtax on each real estate tax bill. The Commonwealth provides a partial matching program for the surtax billed from a state trust account, which is funded by real estate transfer taxes. The matching program is expected to decline as more communities adopt the CPF.

B. Current Debt Position

As of June 30, 2023, the Town of Barnstable had total bonded debt outstanding of \$117 million. The Town issued a general obligation municipal purpose loan totaling \$14,550,000. Longterm debt issued for governmental funds totaled \$10,203,500. Long-term debt issued for business-type activities (enterprise funds) totaled \$4,346,500 of which \$1,626,000 related to Hyannis Youth and Community Center facility improvements, \$1,643,000 related to water supply pipe replacement and water pollution control facility improvements, \$760,000 related to sewer infiltration and inflow projects and \$317,500 related to golf course maintenance.

Projected Debt Payments by Project and Fund

The following four tables set forth the projected General Obligation Bond (G.O.B.) payments by issue for both the Town's governmental funds and the enterprise funds. There are also several low-cost financing loans through the Massachusetts Clean Water Trust (MCWT) for sewer construction and water system improvements.

Bonds Payable Schedule – Governmental Funds (Excludes Enterprise Fund Debt)

	Maturities Through	Original Loan Amount	Interest Rate (%)	Outstanding at June 30, 2023
General Obligation Bonds Payable:				
Municipal Purpose Bonds of 2014	2024	6,248,000	2.00 - 3.00	500,000
Municipal Purpose Refunding of 2015	2027	5,265,500	2.00 - 4.50	1,252,000
Municipal Purpose Bonds of 2015	2035	3,089,000	2.00 - 4.50	1,740,000
Municipal Purpose Bonds of 2016	2036	12,113,000	2.00 - 4.00	6,905,000
Municipal Purpose Refunding of 2016	2028	1,674,000	2.00 - 4.00	175,000
Municipal Purpose Bonds of 2017	2037	5,105,700	3.00 - 4.00	2,650,000
Municipal Purpose Bonds of 2018	2038	6,380,000	3.00 - 5.00	5,465,000
Municipal Purpose Bonds of 2019	2039	8,266,800	3.00 - 5.00	5,700,000
Municipal Purpose Bonds of 2020	2040	8,049,100	2.00 - 5.00	6,460,000
Municipal Purpose Refunding of 2021	2031	2,529,450	4.00 - 5.00	1,445,000
Municipal Purpose Bonds of 2021	2041	4,315,100	2.00 - 5.00	3,705,000
Municipal Purpose Bonds 2022	2042	8,370,321	3.00 – 5.00	7,780,000
Municipal Purpose Bonds 2023	2043	10,203,500	4.00 – 5.00	10,203,500
Subtotal Governmental General Obligation Bonds Payable				\$ 53,980,500
Direct Borrowings Payable:				
MCWT Title V Bonds of 2006	2026	400,000	0.00	60,000
MCWT Title V Bond of 2007	2027	200,000	0.00	40,000
Subtotal Governmental Direct Borrowings Payable				\$ 100,000
Special Assessment Bonds Payable:				
Roadway Improvement Bonds of 2021	2036	2,745,000	1.20 - 2.00	2,285,000
Total Bonds Payable				\$ 56,365,500
Add: Unamortized premium on bonds				4,185,888
Total Bonds Payable, net				\$ 60,551,388

Debt service requirements for principal and interest for **Governmental Bonds Payable** in future fiscal years are as follows:

Year	General Obligation Bonds Payable			Year	Direct Borrowings Payable		
	Principal	Interest	Total		Principal	Interest	Total
2024	5,572,500	2,123,786	7,696,286	2024	30,000	0	\$30,000
2025	4,810,500	1,891,910	6,702,410	2025	30,000	0	\$30,000
2026	4,481,500	1,668,830	6,150,330	2026	30,000	0	\$30,000
2027	4,007,000	1,468,666	5,475,666	2027	10,000	0	\$10,000
2028	3,716,000	1,293,183	5,009,183	Total	\$ 100,000	\$ 0	\$ 100,000
2029	3,596,500	1,127,364	4,723,864				
2030	3,573,000	971,906	4,544,906				
2031	3,323,500	818,656	4,142,156				
2032	3,175,000	695,064	3,870,064				
2033	2,950,000	583,112	3,533,112				
2034	2,875,000	481,670	3,356,670				
2035	2,560,000	389,056	2,949,056				

2036	2,290,000	305,994	2,595,994
2037	1,810,000	229,280	2,039,280
2038	1,685,000	165,584	1,850,584
2039	1,075,000	111,728	1,186,728
2040	945,000	79,870	1,024,870
2041	715,000	52,200	767,200
2042	565,000	29,700	594,700
2043	255,000	10,200	265,200
Total	\$53,980,500	\$14,497,759	\$68,478,259

On February 9, 2021, the Town issued \$2,745,000 in taxable bonds for private road betterments, which are due to mature in 2036. The Commonwealth approved Special Legislation to allow the Town to issue special assessment debt for the repair of private roads. The Town has assessed betterments to the property owners who abut on the improved roadways. Betterment collections are used to pay the debt service associated with the special assessment debt. The Town is liable to pay the debt service costs regardless of whether the assessment payments are made by the property owners. The betterment is secured via the lien process and payment would be made upon transfer of the property if a balance were outstanding. As of June 30, 2021, there are no delinquent receivables.

Special Assessment Bonds Payable			
Year	Principal	Interest	Total
2024	230,000	40,930	270,930
2025	225,000	36,320	261,320
2026	225,000	31,830	256,830
2027	220,000	27,320	247,320
2028	215,000	22,930	237,930
2029	210,000	18,620	228,620
2030	205,000	14,430	219,430
2031	200,000	10,320	210,320
2032	195,000	7,930	202,930
2033	185,000	5,390	190,390
2034	80,000	2,800	82,800
2035	50,000	1,520	51,520
2036	45,000	720	45,720
Total	\$ 2,285,000	\$ 221,060	\$ 2,506,060

Bonds Payable Schedule – Enterprise Funds

	Maturities	Original	Interest	Outstanding
General Obligation Bonds Payable:	Through	Loan	Rate	at June 30,
		Amount	(%)	2023
Airport Enterprise Fund	2039	\$ 2,118,900	3.00 – 5.00	\$ 1,625,000
Golf Course Enterprise Fund	2037	3,897,879	2.00 - 5.00	1,741,500
Add: unamortized premium				19,056
Total Golf Course Enterprise Fund Bonds Payable, net				\$ 1,760,556
Solid Waste Enterprise Fund	2027	526,400	2.00 - 4.50	\$ 112,000
Wastewater Enterprise Fund	2043	7,459,200	2.00 - 5.00	\$ 5,785,000
Water Supply Enterprise Fund	2043	17,009,700	2.00 - 5.00	11,436,000
Add: unamortized premium				182,650
Total Water Supply Bonds Enterprise Fund Payable, net				\$ 11,618,650
Marina Enterprise Fund	2037	2,890,250	2.00 - 5.00	1,300,000
Add: unamortized premium				92,977
Total Marina Enterprise Fund Bonds Payable, net				\$ 1,392,977
Sandy Neck Enterprise Fund	2031	595,200	4.00 – 5.00	485,000
Add: unamortized premium				83,397
Total Sandy Neck Enterprise Fund Bonds Payable, net				\$ 568,397
Hyannis Youth and Community Center	2043	13,486,700	2.00 – 5.00	7,800,000
Add: unamortized premium				455,811
Total Hyannis Youth and Community Center Bonds Payable, net				\$ 8,255,811
Subtotal Enterprise Funds General Obligation Bonds Payable, net				\$ 31,118,391
Direct Borrowings Payable:				
Wastewater – MCWT	2033	19,391,750	0.00 - 2.00	6,697,046
Water Supply - MCWT	2046	24,978,765	2.00	18,699,714
Subtotal Enterprise Funds Direct Borrowings Payable				25,396,714
Total Bonds Payable, net				\$ 56,515,151

Debt service requirements for principal and interest for **Enterprise Bonds Payable** in future fiscal years are as follows:

General Obligation Bonds Payable				Direct Borrowings Payable			
Year	Principal	Interest	Total	Year	Principal	Interest	Total
2024	3,567,500	1,131,116	4,698,616	2024	1,980,733	456,213	2,436,946
2025	3,564,500	979,974	4,544,474	2025	1,861,796	419,328	2,281,124
2026	3,238,500	831,858	4,070,358	2026	1,898,561	384,339	2,282,900
2027	3,168,000	711,264	3,879,264	2027	1,936,105	348,604	2,284,709
2028	1,959,000	594,148	2,553,148	2028	1,974,449	312,101	2,286,550
2029	1,498,500	512,922	2,011,422	2029	1,575,390	279,204	1,854,594
2030	1,477,000	445,854	1,922,854	2030	1,564,497	250,395	1,814,892

2031	1,396,500	382,454	1,778,954	2031	1,595,487	221,377	1,816,864
2032	1,300,000	329,396	1,629,396	2032	1,254,928	195,441	1,450,369
2033	1,250,000	284,188	1,534,188	2033	1,279,766	172,661	1,452,427
2034	1,230,000	243,292	1,473,292	2034	869,435	152,842	1,022,277
2035	1,230,000	204,828	1,434,828	2035	885,914	137,816	1,023,730
2036	1,205,000	166,364	1,371,364	2036	902,765	122,447	1,025,212
2037	1,040,000	128,616	1,168,616	2037	796,705	106,728	903,433
2038	790,000	95,262	885,262	2038	720,399	93,115	813,514
2039	705,000	72,364	777,364	2039	733,698	81,014	814,712
2040	640,000	52,226	692,226	2040	582,836	70,274	653,110
2041	530,000	34,200	564,200	2041	593,175	60,929	654,104
2042	305,000	18,650	323,650	2042	472,970	51,362	524,332
2043	190,000	7,600	197,600	2043	483,598	41,566	525,164
Totals	\$ 30,284,500	\$ 7,226,576	\$37,511,076	2044	466,666	31,538	498,204
				2045	477,763	21,272	499,035
				2046	489,124	10,760	499,884
				Totals	\$ 25,396,760	\$ 4,021,324	\$ 29,418,084

The Town has entered into several loan agreements with the Massachusetts Clean Water Trust (MCWT) for which the Town has recorded the total amount of debt outstanding. However, as of June 30, 2023, the Town has not incurred \$22,309,124 of the eligible construction costs related to the projects and as a result has not yet received the corresponding loan proceeds from MCWT. Accordingly, the Town has recorded \$22,309,124 as an intergovernmental receivable in the accompanying basic financial statements, as of June 30, 2023.

The Town is scheduled to be subsidized by the MCWT on a periodic basis for principal in the amount of \$46,526. The principal subsidies are guaranteed and therefore a \$46,526 intergovernmental receivable has been reported in the business-type financial statements. Since the Town is legally obligated for the total amount of the debt, such amounts have been reported in the accompanying basic financial statements. The 2023 principal and interest subsidies totaled \$52,445 and \$8,407, respectively.

The Town is subject to various debt limits by statute and may issue additional general obligation debt under the normal debt limit. At June 30, 2023, the Town had the following authorized and unissued debt:

Purpose	Amount
Sewer projects	\$ 20,478,282
Water projects	17,123,443
Airport projects	41,343,050
School improvements	2,792,100
Cotuit Bay entrance channel dredging project	2,550,233
Private road repairs	1,036,336
Clear vegetation and obstruction project	300,000
Golf Course Improvements	61,000
Town Hall improvements	2,025,852
Police Facility	1,167,321
Ocean St. Sidewalks & Kalmus Beach Entrance	2,950,000
Snows Creek Culvert Replacement	1,400,000

Centerville Recreation Site Improvements	827,376
Hathaways Pond Bath House & Site Improvements	450,000
Totals	\$ 91,554,993

C. General Obligation Debt – Credit Ratings

Several factors determine the amount of debt the Town can afford to maintain. These include the strength of the local economy, the wealth of the community, and the amount of debt sold by overlapping jurisdictions (Barnstable County Government, Cape Cod Regional Transit Authority, and Cape Cod Regional Technical High School), future capital needs, the local economy as well as the Town’s financial position, administrative capabilities, and level of planning. These factors, as well as many others, influence the Town’s bond rating - an evaluation of the Town’s ability to repay debt as determined by the rating agencies. System improvements such as programmatic budgeting, an administrative code, policy planning based on a five-year forecast, and financial fund management have helped the Town’s position.

In March 2023, the Town Treasurer conducted a \$14.55 million bond sale, which required a rating to be assigned to it prior to the sale. In their most recent bond rating analysis dated March 07, 2023 Standard & Poor’s (S&P) affirmed the 'AAA' rating on the Town's outstanding debt with a stable outlook. S&P cited the following reasons for their rating and stable outlook:

“Supporting the long-term rating are Barnstable's very strong economy and budgetary reserves and flexibility. The town benefits from its central location in Cape Cod, and over several years has seen robust tax base growth and economic development, providing it the flexibility to invest in capital projects and manage long-term liabilities. Budgetary performance and reserves remain solid and comparable to those of 'AAA' rated communities in the commonwealth (see "U.S. Local Governments Credit Brief: Massachusetts Municipalities Means And Medians," published Oct. 28, 2022, on RatingsDirect. The town is anticipating balanced operations for fiscal 2023 with revenues outperforming budgetary estimates. Although we think long-term retirement liabilities and costs and potential additional debt could pressure the budget, we believe that the town will likely manage these costs appropriately and that additional debt will likely remain relatively affordable due to Barnstable's size and wealthy tax base”

Under our criteria, titled “Ratings Above The Sovereign: Corporate And Government Ratings—Methodology And Assumptions,” published Nov. 19, 2013, we rate Barnstable higher than the nation because we think the town can maintain better credit characteristics than the U.S. in a stress scenario based on its predominantly locally derived revenue base and our view that pledged revenue supporting bond debt service is at limited risk of negative sovereign intervention. In 2020, local property taxes generated nearly 70% of revenue, which demonstrated a lack of dependence on central government revenue.

The town's general creditworthiness reflects our opinion of Barnstable's:

- *Coastal residential community in Cape Cod, with strong wealth and income indicators, albeit with some exposure to environmental hazards;*
- *Comprehensive set of formalized financial policies and practices;*
- *History of strong financial performance with the maintenance of very strong reserves;*
- *Low overall debt and contingent liability profile; and*
- *Strong institutional framework.”*

The descriptor used by S&P for this rating is “Prime Investment Grade”. Strong bond ratings generally reduce interest expense to service the debt as well as bond insurance costs. Additionally, strong bond ratings enhance the prestige of the community within the financial markets and are a vote of confidence by the rating agency that the municipality is pursuing a sound financial course. This AAA rating reflects sound credit quality with associated very low risk and should result in future low borrowing costs for the Town.

The Town of Barnstable has maintained its bond rating from Standard & Poor's of AAA which was upgraded in June of 2007.

It is important to understand that no single ratio or factor determines a General Obligation Bond rating or fully encompasses the fiscal health of a municipality. The factors must be taken as a group. Other debt ratios, as well as economic and administrative factors account for the differences in ratings. A growing community can afford more debt than a non-growth community, and a community with more income wealth can afford more debt than a poorer community can.

Generally, bond ratings do not change suddenly but respond more to long-range trends. The stable outlook reflects S&P's view of the town's very strong budgetary flexibility and liquidity, further supported by a strong economy. As such, they do not expect to change the rating in the next two years. However, dramatic changes are key indicators of fiscal health and can result in an immediate rating change. In projecting bond ratios, it is important to review the sensitivity of the ratios to changes in the economy.

D. General Obligation Debt - Limitations

There are legal limitations that govern the issuance of municipal debt. Under Massachusetts statutes, the debt limit of the Town of Barnstable is 5 percent of the valuation of taxable property as last equalized by the State Department of Revenue. The Town can authorize debt up to this amount without State approval. The current debt limitation for the Town of Barnstable is \$911 million, which is significantly higher than the Town's outstanding general obligation debt that is subject to this limitation. It should be pointed out that much of the existing Town debt does not factor into this limitation. There are categories of general obligation debt that are exempt from, and do not count against the debt limit such as certain school bonds, water bonds, solid waste disposal facility bonds, and water pollution abatement revenue bonds.

Town's Equalized Valuation (EQV)	<u>\$18,221,137,000</u>
Debt Limit – 5% of EQV	\$911,056,850
Less:	
Outstanding Debt Applicable to Limit	\$70,822,512
Authorized and Unissued Debt	<u>\$91,554,993</u>
Legal Debt Margin	<u>\$748,679,345</u>
% of debt limit debt applicable to the limit	32.29%

E. General Obligation Debt - Affordability

Debt analysis, future debt projections, and general obligation bond ratios help determine the amount of general obligation debt the Town can afford to issue and support. The table on the following page illustrates the various debt ratios compared to national medians reported by Standard and Poor's. As shown, Barnstable's ratios show moderate amounts of debt. However, there are a number of factors not directly under the control of the Town, which can influence key General Obligation (G.O.) bond ratios. Several of the G.O. bond ratios are very sensitive to these uncontrollable factors, and the assumptions used to project their growth can play an important role in future debt policy. Some of these factors are:

Overlapping Debt. Overlapping debt is the G.O. debt that is issued by other government entities whose jurisdictions include the citizens of Barnstable. The Town also has to be aware of the debt management practices of overlapping jurisdictions. The primary entities that have an impact on the Town are Barnstable County, Cape Cod Regional Vocational Technical School District, fire districts, and the regional transportation authority. Overlapping debt combined with the Town's own direct debt is a true measure of the G.O. debt burden placed on the citizens. To determine an issuer's overall G.O. debt burden, overlapping debt is added to the issuer's own outstanding G.O. debt. If other overlapping jurisdictions pursue aggressive capital improvements programs, some of the Town's debt ratios will increase. Therefore, it is important to be aware of not only our G.O. debt issuance plans, but also those of other surrounding jurisdictions.

Direct and Overlapping Governmental Activities Debt

As of June 30, 2023

Town of Barnstable, Massachusetts	Debt Outstanding	Percentage Applicable (1), (2)	Share of Overlapping Debt
Debt repaid with property taxes and user charges:			
Barnstable County	\$17,153,680	16.98%	\$2,912,695
Cape Cod Regional Technical High School	59,245,000	28.48%	16,872,976
Barnstable Fire District	1,625,000	100.00%	1,625,000
Centerville-Osterville-Marston Mills Fire District	1,190,630	100.00%	1,190,630
Cotuit Fire District	3,016,840	100.00%	3,016,840
Hyannis Fire District	15,165,000	100.00%	15,165,000
Subtotal, overlapping debt			40,783,141
Town direct debt			60,551,388
Total direct and overlapping debt			\$ 101,334,529

(1) County expenses, including debt service, are assessed upon the towns within the county in proportion to their taxable valuation.

(2) The fire districts are special governmental units. The Town serves as a collecting agent for taxes and transfers funds directly to the fire districts on a weekly basis.

Property Assessments. Several key debt ratios use property valuations in the calculation of debt burden. If the Town’s property values were to rise, debt ratios will continue to improve.

Town of Barnstable Debt Ratios

Current Status

Criteria

0.35%

Direct Debt - General Fund Debt as a % of the Town’s Equalized Property Valuation as calculated by the state.

Formula – Total Government Obligation Bonds Debt Service ÷ Equalized Valuation

Standard & Poor’s rates this as Low (Less than 3%)

3.64%

Municipal Debt Burden – Current Year

Formula - Total Government Obligation Bonds Debt Service ÷ Total General Fund Expenditures

Standard & Poor’s rates this as Low (Below 8%)

\$302

Net Debt Per Capita

Formula – Governmental Fund Debt (Short + Long Term Debt- Cash & Cash Equivalents) ÷ Town population

Standard & Poor’s rates this as Low (below \$2,000)

\$331,612

Per Capita Market Value

Formula – Equalized Valuation ÷ Population

Standard & Poor’s rates this as Extremely Strong (Above \$100,000)

F. Administrative Policies in Relation to Debt

This section provides policies governing the management of debt for the Town that are included in the Town's Administrative Code.

Debt Refinancing

Refunding (or refinancing) bonds are characterized as either current refunding's or advance refunding's. A current refunding is one in which the outstanding (refunded) bonds are redeemed within 90 days of the date the refunding bonds are issued. In an advance refunding, the refunded bonds are redeemed more than 90 days from the date the refunding bonds are issued. Changes to federal tax law in late 2017 eliminated the ability of governments to issue tax-exempt advance refunding bonds. Taxable advance refunding's of tax-exempt or taxable bonds are still permitted. However, if this opportunity is reintroduced, an advance refunding of outstanding debt shall only be considered when present value savings of at least 3% of the principal amount of the refunded bonds are produced, unless: (1) a debt restructuring is necessary or (2) bond covenant revisions are necessary in order to facilitate the ability to provide services or to issue additional debt. The Town, in collaboration with its Financial Advisor, will continually monitor the municipal bond market conditions to identify refinancing opportunities. An analysis shall be conducted when necessary to determine whether debt financing, cash purchase, or leasing is the most cost-effective method of financing for the Town.

General Obligation Debt

1. All debt shall be financed within the limitations of Proposition 2½ with the exception of debt related to Enterprise Funds, gifts, and betterments. The requirements for such financing shall be an expenditure of at least \$250,000 and a useful life in excess of five years.
2. The term of long-term debt generally shall not exceed the expected useful life of the capital asset being financed and, in no case, shall it exceed twenty years.
3. The ratio of Net Debt (Total outstanding Town of Barnstable General Obligation debt less reimbursements) to Total Assessed Valuation shall not exceed 1.5%. This excludes debt of overlapping jurisdictions.

The debt-to- assessed value ratio for the Town of Barnstable is 0.35%.

4. The ratio of Debt Service to Total Expenditures (operating expenditures and debt service combined) shall not exceed 15%.

The Town's debt coverage ratio is 3.64%.

5. The Town shall target a debt-to-income ratio of 8%. The S&P ratio is calculated by dividing Overall Net Debt per Capita by Income per Capita.

The Town's debt-to-income per capita ratio is 4.9%.

6. Current revenue should be committed annually to provide sufficient "Pay-as-you-go" financing so that at the end of five years, annual contributions from current revenues amount to 10% of new debt to be issued.

The Town currently exceeds this requirement by a significant margin. The Town intends to spend over \$28 million in the next five years as "pay-as-you-go" and anticipates financing about \$87 million in capital with new debt issues resulting in a 35/65 ratio.

7. Excess appropriated bond issues shall be placed into a "bond repayment fund account" at the end of a project completion. The only purpose of the "bond repayment fund account" shall be 1) to make bulk principal pay-downs against

general bond debt, or 2) to be used to pay down the principal on any bond issue at the time of refinancing as provided for in Section 1.04C herein.

The Town currently has no balance in this fund. Unspent bond proceeds are redirected to new eligible projects.

Capital Trust Fund

A Capital Trust Fund has been established for the purpose of financing debt service for recommended Capital Improvements Program projects, as contained within the Town's five-year capital improvements plan.

1. The Capital Trust Fund will be funded through a general operation set aside of at least \$1.9 million annually. The estimated commitment for FY 2023 is approximately \$12 million. This is expected to increase by 2.5% for the next 5 years.
2. The Capital Trust Fund shall not be utilized for any purpose other than that stated herein.
3. The criteria for reviewing capital project eligibility for Capital Trust Fund borrowing include the following:
 - a. The capital project shall have a financing term of 20 years or less,
 - b. The capital project shall have a minimum project cost of \$250,000,
 - c. The capital project is approved by the Town Council for funding through an appropriation and loan order submitted by the Town Manager.
4. The Capital Trust Fund will have a commitment restriction on the fund, such that obligated estimates from authorized orders shall not exceed, at any one time, more than 80% of the amount in the fund as of the close of the fiscal year prior to the next debt service authorization, unless recommended by the Town Manager.
5. The Capital Trust Fund shall otherwise function in accordance with related financial policies of the Town.

G. Debt Summarized

A responsible debt management program is an integral part of municipal finance. A Town's debt must be structured to reflect the underlying, long-term economic prospects of the community. There are statutory requirements and market forces at work to regulate a community's ability to borrow. Continuing disclosure, as required on an annual basis to the bond markets, provides a powerful incentive for a municipality to keep its financial house in order. This analysis has emphasized the importance of credit ratings because, in effect, these are municipal finance report cards. A good credit rating should be guarded jealously, since it is not easily obtained, but can be lost quickly without vigilance and sound financial management.

PART V – TOWN MANAGER RECOMMENDATIONS

Project Recommendation Rationale

Several factors were taken into consideration when determining which projects to recommend for funding in Fiscal Year 2025. In addition to the scoring by the senior staff, funding considerations are directed towards projects that had received previous funding, and therefore, are ready for the next stage of development; projects that would contribute to the economic development of the Town; projects that would preserve important infrastructure components of the Town; projects that improve high usage assets; projects that have outside funding available to offset the costs or can be covered by user fees; and projects that have an important public safety component associated with them. The recommended projects total \$247.9 million. The General Fund totals \$22.7 million, the Enterprise Funds total \$49.6 million, and the CWMP totals \$169.7 million. Funding for the Enterprise Funds’ program consists of using \$2.4 million of Enterprise Fund reserves; \$0.58 million General Fund reserves and \$41.7 million in new borrowing authorizations. Grant funds from the Federal Aviation Administration and the Massachusetts Department of Transportation are expected to offset the borrowing authorizations for the Airport Enterprise Fund projects. Once received, this will allow the town to rescind these borrowing authorizations. Funding for the General Fund portion of the program consists of \$6.1 million in General Fund reserves, \$2.85 million Capital Trust Fund (CTF) reserves, and \$12 million in new borrowing authorizations. Lastly, it is recommended to use \$2.2 million in reserves and \$168.9 million in new borrowing authorizations under the Sewer Construction & Private Way Improvement Special Revenue Fund for private road improvements and the Comprehensive Wastewater Management Plan (CWMP).

Enterprise Funds Recommendations

Council Order Number	Project Name	Funding Source					Total
		Reserves	Grants / Other	Bond Issue	Transfers		
2024-157	HVAC Upgrades to Terminal & Tower	104,120	1,978,280	-	-	-	2,082,400
2024-158	Terminal Optimization Program	1,500,000	-	-	-	-	1,500,000
2024-159	Electric Aircraft Charging Facility	27,500	522,500	-	-	-	550,000
Total Airport Enterprise Fund Projects		1,631,620	2,500,780	-	-	-	4,132,400
2024-138	Hyannis Golf Course Club House Restoration	-	2,450,000	500,000	-	-	2,950,000
Total Golf Course Enterprise Fund Projects		-	2,450,000	500,000	-	-	2,950,000
2024-136	HYCC Facility Mechanical Improvements	300,000	-	-	-	-	300,000
2024-137	HYCC Security System	285,059	-	-	-	-	285,059
Total Hyannis Youth & Community Center Enterprise Fund Projects		585,059	-	-	-	-	585,059
2024-104	Tractor Brush-Mower replacement	90,000	-	-	-	-	90,000
2024-105	Sweeper Replacement	50,000	-	-	-	-	50,000
2024-106	Compactor Unit Replacement	125,000	-	-	-	-	125,000
2024-107	Container Replacement	50,000	-	-	-	-	50,000
Total Solid Waste Enterprise Fund Projects		315,000	-	-	-	-	315,000
2024-100	Pipe Replacement and Upgrade Program	-	-	1,500,000	-	-	1,500,000
2024-101	Wells, Pump Stations, Treatment Plant Upgrades	200,000	-	-	-	-	200,000
2024-102	Straightway Filtration Plant	-	-	35,500,000	-	-	35,500,000
2024-103	Mary Dunn Filtration Plant-Design	-	-	2,600,000	-	-	2,600,000
Total Water Supply Enterprise Fund Projects		200,000	-	39,600,000	-	-	39,800,000
2024-108	Pump Station Rehabilitation Program	-	-	1,000,000	-	-	1,000,000
2024-109	Effluent Sand Bed Valve Rehabilitation	-	-	600,000	-	-	600,000
2024-110	Sewer System Rehabilitation- Evaluation and Design	150,000	-	-	-	-	150,000
2024-111	Bypass Pump	115,000	-	-	-	-	115,000
Total Water Pollution Control Enterprise Fund Projects		265,000	-	1,600,000	-	-	1,865,000
Total All Enterprise Funds		2,996,679	4,950,780	41,700,000	-	-	49,647,459

General Fund Recommendations

Council Order Number	Project Name	Funding Source				Total
		Reserves	Grants	Bond Issue	Other	
2024-115	Private Road Repairs – School Street & Old Mill Road in Marstons Mills	1,520,000	-	-	-	1,520,000
2024-116	Public Roads Maintenance	2,850,000	1,000,000	-	-	3,850,000
2024-117	Curb Ramps & Sidewalks ADA Transition Plan	350,000	-	-	-	350,000
2024-119	Raised Crosswalks on Main St, Osterville Village	-	-	685,000	-	685,000
Total Infrastructure Projects		4,720,000	1,000,000	685,000	-	6,405,000
2024-125	Automatic Beach Gate	240,000	-	-	-	240,000
2024-126	Town Hall Elevator Replacement - design	250,000	-	-	-	250,000
2024-127	School Admin. Building Mechanical Cooling Upgrades	-	-	619,000	-	619,000
2024-128	MEA Building Mechanical Improvements	51,000	-	-	-	51,000
2024-129	Barnstable Adult Community Center Mechanical Upgrades	27,000	-	-	45,000	72,000
2024-130	Old Selectmen's Building Handicapped Ramp.	89,000	-	-	-	89,000
2024-131	Mosswood Cemetery Building Improvements	90,300	-	-	-	90,300
2024-132	Town Office Relocation Project	-	-	618,759	-	618,759
2024-133	Barnstable Police Facility Improvements	370,000	-	-	-	370,000
2024-134	MEA Exterior Restoration Project	359,623	-	-	-	359,623
2024-135	Barnstable Adult Community Center Exterior Restoration - Design	-	-	-	48,000	48,000
2024-139	Joshua's Pond Handicap Accessibility & Beach Improv.	305,000	-	-	-	305,000
2024-140	Centerville Recreation Mechanical Improvements - design	243,000	-	-	-	243,000
2024-141	IT Network Infrastructure Upgrades	175,000	-	-	-	175,000
Total Municipal Facilities Projects		2,199,923	-	1,237,759	93,000	3,530,682
2024-120	Channel Dredging Program	-	-	1,750,000	-	1,750,000
2024-121	Bulkhead Improvements	-	-	580,000	-	580,000
2024-122	Bay Shore Road Boat Ramp	256,000	-	-	-	256,000
2024-123	West Bay Breakwater	50,000	-	-	-	50,000
2024-124	Blish Point Construction for Long Term Solution	150,000	-	-	-	150,000
Total Waterways Projects		456,000	-	2,330,000	-	2,786,000
2024-118	Monitoring and Mgt. Plan - Freshwater Ponds	135,000	-	-	-	135,000
Total Water Quality Projects		135,000	-	-	-	135,000
2024-142	Elevator Installation BCIS	-	-	900,000	-	900,000
2024-143	Playground Safety	550,000	-	-	-	550,000
2024-144	Paging System Upgrade - Hy West / Enoch Cobb	85,000	-	-	-	85,000
2024-145	BIS Exterior Door Replacement	344,000	-	-	-	344,000
2024-146	Unit Ventilator Replacement / Chiller Swap	-	-	3,353,700	-	3,353,700
2024-147	Auditorium RTU Replacement	-	-	650,000	-	650,000
2024-148	Hyannis West Parking	78,000	-	-	-	78,000
2024-149	BHS Network Based Public Address System	-	-	757,700	-	757,700
2024-150	Hyannis West Locker Room Reno to Teaching Spaces	160,000	-	-	-	160,000
2024-151	Plumbing Fixtures Replacement K-3	200,000	-	-	-	200,000
2024-152	BHS Bathroom Renovations	-	-	1,110,000	-	1,110,000
2024-153	BHS Roof Replacement - Design	350,000	-	-	-	350,000
2024-154	BUE Library Carpet Remove and Replace	63,800	-	-	-	63,800
2024-155	Hyannis West Bathroom Renovations	318,000	-	-	-	318,000
2024-156	Direct Digital Controls Upgrades HVAC	-	-	1,000,000	-	1,000,000
Total School Facilities Projects		2,148,800	-	7,771,400	-	9,920,200
Total General Fund Projects		9,659,723	1,000,000	12,024,159	93,000	22,776,882

Comprehensive Wastewater Management Plan Recommendations

Council Order Number	Project Name	Funding Source				Total
		Fund Reserves	Grants	Bond Issue	Transfers	
Comprehensive Wastewater Management Plan						
2024-112	Nitrogen Removal Improvements and WPCF Upgrades	-	-	109,330,000	-	109,330,000
2024-113	Rt. 28 West Sewer Expansion	-	-	59,650,000	-	59,650,000
2024-114	Long Beach Sewer Expansion	750,000	-	-	-	750,000
Total Comprehensive Wastewater Management Plan		750,000	-	168,980,000	-	169,730,000
Grand Total Capital Improvement Plan		13,454,402	5,950,780	222,704,159	45,000	242,154,341

Additional Project Recommendations

Additional projects are recommended where the funding is outside of the annual Capital Program funding process. This includes Chapter 90 Funds (State grant funds), Kirkman Trust Fund or the Community Preservation Fund.

Several projects are expected to be submitted to the Community Preservation Committee for consideration of funding from the Community Preservation Fund. Once the Community Preservation Committee has acted upon the request, an appropriation order will be presented to the Town Council for its consideration. These funding requests will fall outside of the Capital Program funding cycle.

Alternatively Funded Projects							
DEPT	PRIORITY	PROJECT TITLE	CHAPTER 90.	GENERAL FUND	KIRKMAN	CPC	TOTAL
CSD	1	Centerville Recreation Field				\$ 568,000	\$ 568,000
CSD	3	Osterville Comfort Station		133,000		1,506,000	\$ 1,639,000
CSD	5	Town Recreation Field Improvements				760,000	\$ 760,000
DPW	3	Mosswood Cemetery Columbarium			295,500		\$ 295,500
DPW	5	Public Bridge Maintenance and Repairs	340,000				\$ 340,000
DPW	15	North Street Sidewalk Extension- design	90,000				\$ 90,000
DPW	16	Cape Cod Airfield Hanger Repair				105,076	\$ 105,076
DPW	18	Oyster Harbors Bridge Improvements – Design & Permitting	450,000				\$ 450,000
DPW	20	Phinney's Lane and Wequaquet Lane Sidewalk Extensions – Design	125,000				\$ 125,000
DPW	28	West Barnstable Railroad Depot Restoration		196,000		700,000	\$ 896,000
DPW	31	Cotuit Memorial Park Restoration		114,152		406,282	\$ 520,434
TOTAL CPC MATCHED PROJECTS			\$ 1,005,000	\$ 443,152	\$ 295,500	\$ 4,045,358	\$ 5,789,010

Town Manager Recommended Projects – Description

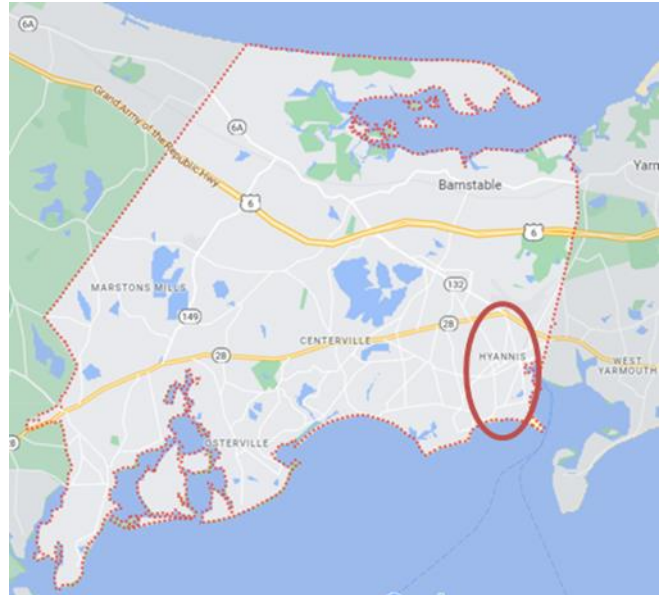
PROJECT: WS - 25	DEPARTMENT PRIORITY: 1 of 4	2024-100
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Project Working Title: Pipe Replacement and Upgrade Program

Project Location Hyannis, Hyannis Port and West Hyannis Port.

Project Description: This is a continuation of a 30 year, phased, pipe replacement and upgrade program for the Hyannis Water System; as recommended by Weston & Sampson Engineering, Inc. in their April 2007 Master Plan.

Project Justification: It is important to implement a structured program to replace and upgrade the water pipes in the distribution system, some of which are over 100 years old. This program is in addition to the routine maintenance and repair program that is performed by the contracted water system operator. The proposed capital budget for this pipe replacement and upgrade program is \$1,500,000 per year and includes a capitolly funded water works project manager to oversee and implement this program. This continuing project will ensure the long-term ability of the Hyannis Water System to provide sufficient drinking water and fire readiness protection for all its customers.



Impact of Denial/Postponement: Water distribution capacity will continue to be less reliable over time, which would limit water supply availability during emergencies, for existing customers, and preclude the ability for economic growth.

Project Cost Estimates:		FY 2025	Future FY
	Final Design	\$75,000	-
	Construction or Acquisition	\$1,425,000	\$7,500,000
	Project Management	-	-
	Project Contingency	-	-
	All Other Cost	-	-
	Total Project Cost	\$1,500,000	\$7,500,000

Basis for Cost Estimates: Planning Level Costs from Current Evaluation Study

Project Estimated Completion Date: 2026		Design & Permit (months)	4	Construction (months)	8
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$1,500,000	Design / Construction			
2026	\$1,500,000	Design / Construction			
2027	\$1,500,000	Design / Construction			
2028	\$1,500,000	Design / Construction			
2029	\$1,500,000	Design / Construction			

Source of Funding: Bond Issue - Enterprise Fund

Operating Budget Impact now or in future: This project will not reduce routine maintenance.

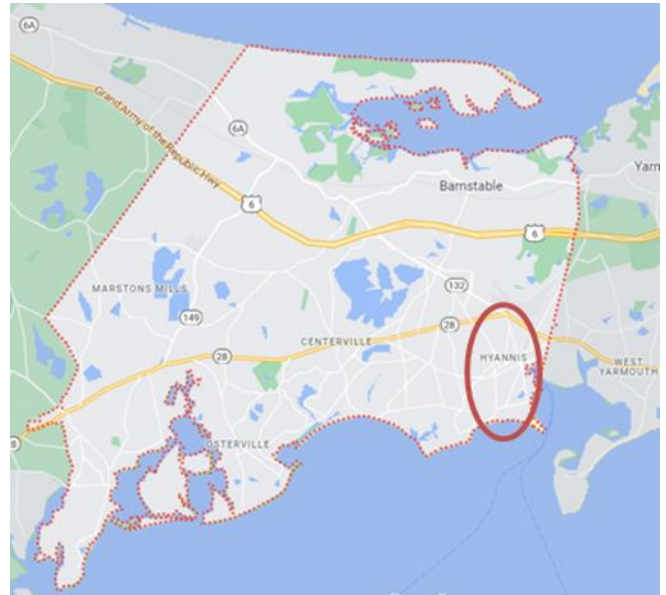


Pipe Replacement Project-2023

Project Working Title: Wells, Pump Stations, Treatment Plant Repair and Upgrade Program

Project Location: Existing wells, pumping stations, water-treatment, and other facilities in the Hyannis Water System.

Project Description: This CIP is a continuation of the repairs and upgrades program started in FY2007. With the exception of the Straightway well #2, all of the Water Supply Divisions wells were constructed in the early to mid-1970. Starting in FY2014 the Hyannis Water Board approved the recommendation to implement a structured rehabilitation program dealing with major facility components needing upgrades or replacements. These facility components and cost allocations are: \$45,000 for buildings, \$40,000 for process control equipment, \$40,000 for safety and security components and \$45,000 for electrical equipment. Project management and oversight will be provided by a project engineer, partially funded out of this program in the amount of approximately \$30,000. The prior year’s monies were used to install emergency generators, lighting, and fencing and implement paving improvements.



Project Justification: It is appropriate to implement a structured program to repair and upgrade the wells, pump stations, treatment plants and other Hyannis Water System facilities as many of these components are approximately 50 years old. This program is in addition to, and may supplement, the routine maintenance program to be performed by the contracted water system operator.

Impact of Denial/Postponement: Water supply and pumping capacity will become less reliable over time, thus limiting water supply availability for all customers, and during emergencies.

Project Cost Estimates:		FY 2025	Future FY
	Design, Permitting		\$20,000
Construction or Acquisition		\$141,500	\$1,000,000
Project Management		\$30,000	-
Project Contingency		\$8,500	-
All Other Cost		-	-
Total Project Cost		\$200,000	\$1,000,000

Basis for Cost Estimates: Prior Projects and DPW Engineering

Project Estimated Completion Date: 2025		Design & Permit (months)	2	Construction (months)	10
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$200,000	Design / Construction			
2026	\$200,000	Design / Construction			
2027	\$200,000	Design / Construction			
2028	\$200,000	Design / Construction			
2029	\$200,000	Design / Construction			

Source of Funding: Water Supply Enterprise Fund Reserves

Operating Budget Impact now or in future: None



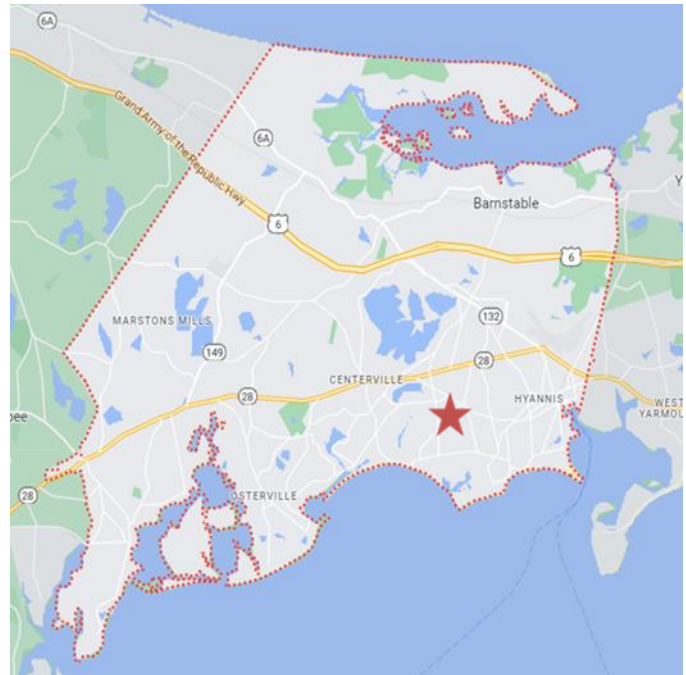
Water Pump Station

Project Working Title: Straightway Filtration Plant-Construction

Project Location: Straightway Treatment Plant, 217 Straightway, Hyannis.

Project Description: This CIP will fund the construction of the new filtration facility at the Straightway location.

Project Justification: This CIP is the next phase regarding the implementation of the recommendations put forward in the new sources alternatives evaluation report, produced by Weston & Sampson Engineers in March 2019. One of the recommendations was to provide for additional treatment of the Straightway wells to improve water quality. This option was explored in more detail in a report by Kleinfelder; Evaluation of Treatment Options for Straightway and Hyannis Port Facilities dated August 2020. The most recent report developed and recommended a single plant option as the quickest and most efficient way to increase water quality and production. This CIP will fund the construction of the new filtration facility at the Straightway location.



Impact of Denial/Postponement: Water supply capacity and quality is severely curtailed by not treating these wells for 1,4 Dioxane and Iron & manganese removal. The interim carbon filters are outside and can only operate in the summer season, which provides a strain on water supply operations.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting		-
Construction or Acquisition		\$27,000,000	-
Project Management		\$4,379,000	-
Project Contingency		\$4,100,000	-
All Other Cost		\$21,000	-
Total Project Cost		\$35,500,000	-

Basis for Cost Estimates: The Kleinfelder report: "Straightway & Hyannis Port, Evaluation of a single plant option", May 2023.

Project Estimated Completion Date: 2027		Design & Permit (months)	-	Construction (months)	24
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$35,500,000	Construction			
2026	-	-			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: Enterprise Fund Bond Issue

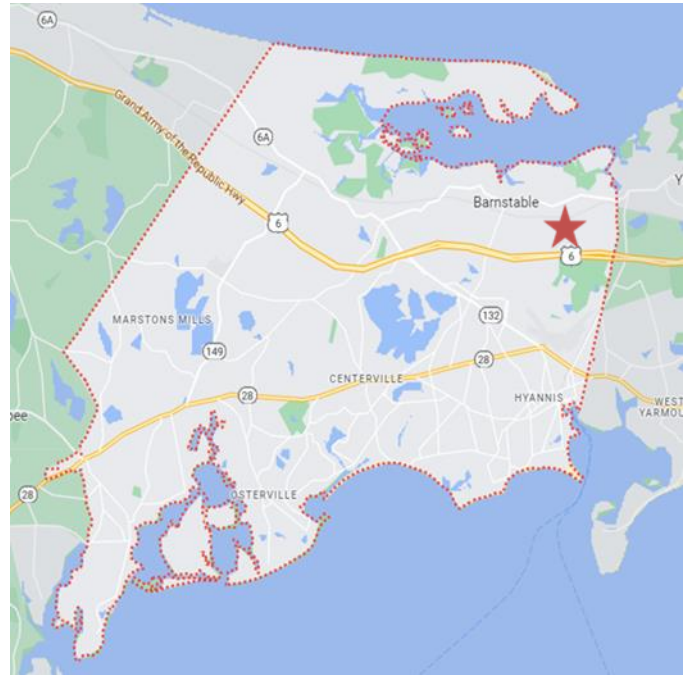
Operating Budget Impact now or in future: Future materials like activated carbon, treatment chemicals.

Project Working Title: Mary Dunn Filtration Plant-Design

Project Location: 656 Mary Dunn Road, Barnstable

Project Description: This CIP will fund the design of the new filtration facility at the Mary Dunn location.

Project Justification: This CIP is the next phase regarding the implementation of the recommendations put forward in the new sources alternatives evaluation report, produced by Weston & Sampson Engineers in March 2019. One of the recommendations was to provide for additional treatment for the Mary Dunn and Airport wells to improve water quality. This option was explored in more detail in a report by Tata & Howard; Preliminary Evaluation of Treatment Options for the Mary Dunn Wells and Airport Well, dated August 2020. The most recent draft pilot testing report is being reviewed and recommendations developed for filtration facility dealing with iron and manganese and 1,4 dioxane. This CIP will fund the design of the new filtration facility at the Mary Dunn location.



Impact of Denial/Postponement: Water supply capacity and quality is severely curtailed by not treating these wells for 1,4 Dioxane and Iron & manganese removal. The interim carbon filters for the Airport Well are outside and can only operate in the summer season, which puts a strain on water supply operations.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting		\$2,600,000
Construction or Acquisition		-	\$26,000,000
Project Management		-	-
Project Contingency		-	-
All Other Cost		-	-
Total Project Cost		\$2,600,000	\$26,000,000

Basis for Cost Estimates: The draft Kleinfelder pilot study report: “Mary Dunn and Airport Well Facilities”, July 2023.

Project Estimated Completion Date: 2030		Design & Permit (months)	24	Construction (months)	TBD
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$2,600,000	Design			
2026	-	-			
2027	\$26,000,000	Construction			
2028	-	-			
2029	-	-			

Source of Funding: Enterprise Fund Bond Issue

Operating Budget Impact now or in future: None

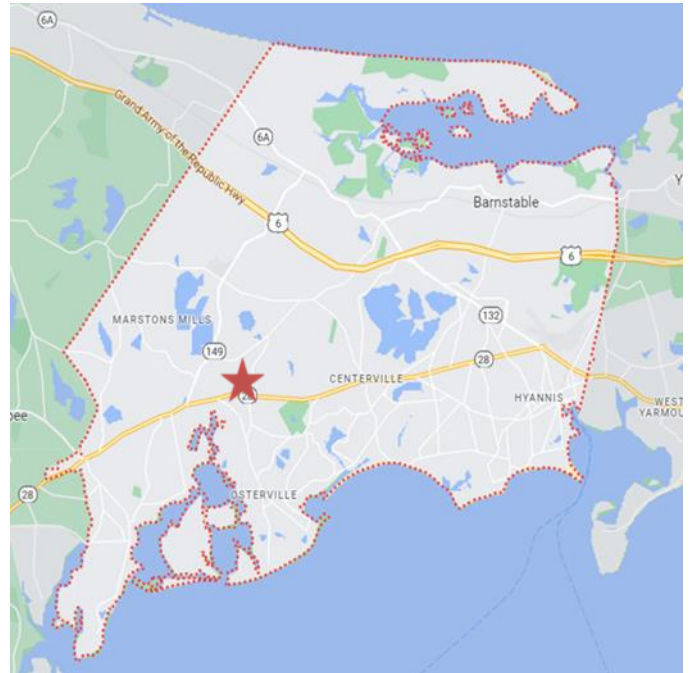
Project Working Title: Brush Tractor -Mower Replacement

Project Location: 45 Flint Street Marston’s Mills, MA

Project Description: Replacement of 1999 John Deere Tractor Brush-Mower with a Skid Steer Loader / Mower.

Project Justification: The Solid Waste Division is looking to replace the aging John Deere Tractor Mower with a Skid Steer Loader / Mower. A Skid Steer is capable of accepting multiple attachments making this a multi-use piece of equipment. An enclosed cab and lower center of gravity provide a safer environment for the operator when mowing the more difficult perimeter areas of the capped landfill. A pallet fork attachment will be beneficial when handling mattresses for recycling by keeping employees away from potentially contaminated/harmful materials.

Impact of Denial/Postponement: The 1999 John Deere Tractor Mower has outlived its expected useful life. There is an operational need for a machine to handle mattresses so as to keep employees safe. This will provide the best option with a multi-use machine that can be used for various purposes.



Project Cost Estimates:		FY 2025	Future FY
	Evaluation and Feasibility Study	-	-
	Design & Permitting	-	-
	Construction or Acquisition	\$90,000	-
	Project Management	-	-
	Project Contingency	-	-
	All Other Cost	-	-
	Total Project Cost	\$90,000	-

Basis for Cost Estimates: Quotes through State Contract

Project Estimated Completion Date: 2024		Design & Permit (months)	-	Construction (months)	-
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$90,000	Acquisition			
2026	-	-			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: Enterprise Fund Reserves

Operating Budget Impact now or in future: Ongoing maintenance, reduction in downtime from breakdowns.



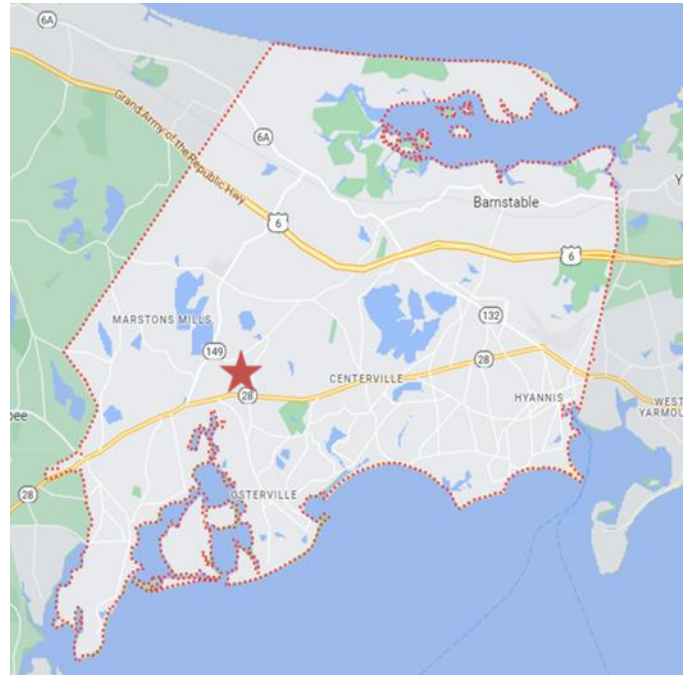
Project Working Title: Kubota F-Series Sweeper #406 Replacement

Project Location: 45 Flint Street Marston’s Mills, MA

Project Description: Replacement of a 2001 Kubota F-Series Sweeper #406.

Project Justification: The Solid Waste Division is looking to replace the aging Kubota Sweeper / Snow-blower. This unit has surpassed its life expectancy and needs replacement. This is a multi-use piece of small equipment that has multiple attachments such as a snow-blower, mower, and sweeper. It is used throughout the year and does not require any special licenses to operate. The current 2001 model shows high wear and tear due to its age.

Impact of Denial/Postponement: The 2001 Kubota F-Series #406 has outlived its expected useful life. Maintenance costs will increase as it will be 23 years old at the time of replacement. It is likely that this unit could fail in the near future leaving the Division without adequate machinery to maintain the Facility.



Project Cost Estimates:		FY 2025	Future FY
	Evaluation and Feasibility Study	-	-
	Design & Permitting	-	-
	Construction or Acquisition	\$50,000	-
	Project Management	-	-
	Project Contingency	-	-
	All Other Cost	-	-
	Total Project Cost	\$50,000	-

Basis for Cost Estimates: Quotes through State Contract

Project Estimated Completion Date: 2024		Design & Permit (months)	-	Construction (months)	-
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$50,000	Acquisition			
2026	-	-			
2027	\$1,000,000	Construction			
2028	-	-			
2029	-	-			

Source of Funding: Enterprise Fund Reserves

Operating Budget Impact now or in future: Ongoing maintenance, reduction in downtime from breakdowns.



Existing Sweeper



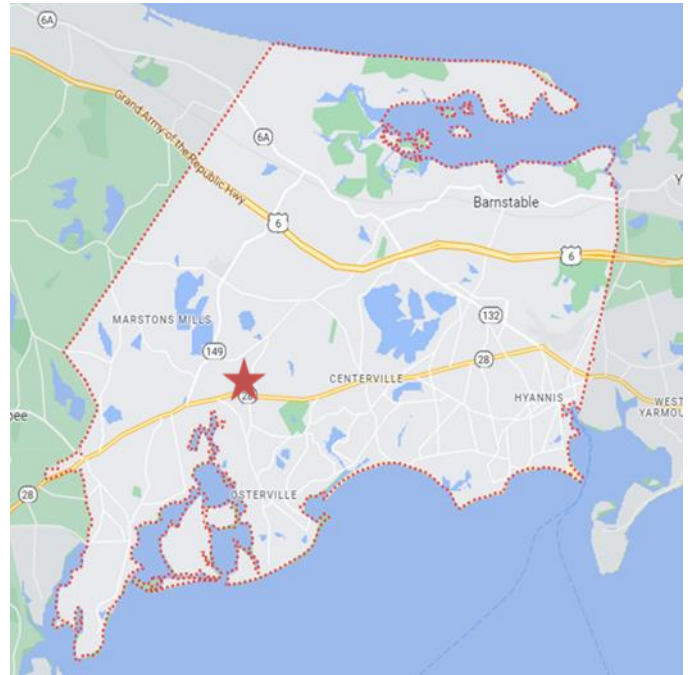
Project Working Title: Compactor Unit Replacement

Project Location: 45 Flint Street Marston’s Mills, MA

Project Description: Replacement of (2) Compactor Units for Transfer Station

Project Justification: The compactor units are a vital piece of equipment for the collection of trash and recyclables. The units wear down over time and need to be replaced. We performed repairs on the units in 2020 to extend their useful life. These units are now closing in on end of life and will need replacement.

Impact of Denial/Postponement: Denial or postponement of this request could severely impact efficient operations of the Transfer Station & Recycling Center. Maintenance of these systems will become expensive because parts need to be custom made to fit obsolete machinery. Failure of equipment severely impacts the ability to accept and transfer sticker holders’ household trash and the efficiency of our operations.



Project Cost Estimates:		FY 2025	Future FY
	Evaluation and Feasibility Study	-	-
	Design & Permitting	-	-
	Construction or Acquisition	\$125,000	\$215,000
	Project Management	-	-
	Project Contingency	-	-
	Total Project Cost	\$125,000	\$215,000

Basis for Cost Estimates: Quotes and conversations with vendor on State contractor list.

Project Estimated Completion Date: 2025		Design & Permit (months)	-	Construction (months)	-
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$ 125,000	Replacement of Compactor Units (2 Units)			
2026	\$ 150,000	Replacement of Compactor Units (3 Units)			
2027	\$ 65,000	Replacement of Compactor Units (1 Unit)			
2028	-	-			
2029	-	-			

Source of Funding: Enterprise Fund Reserves

Operating Budget Impact now or in future: Routine maintenance will continue to be needed to ensure proper operation and life expectancy.



Existing Compactors scheduled for replacement

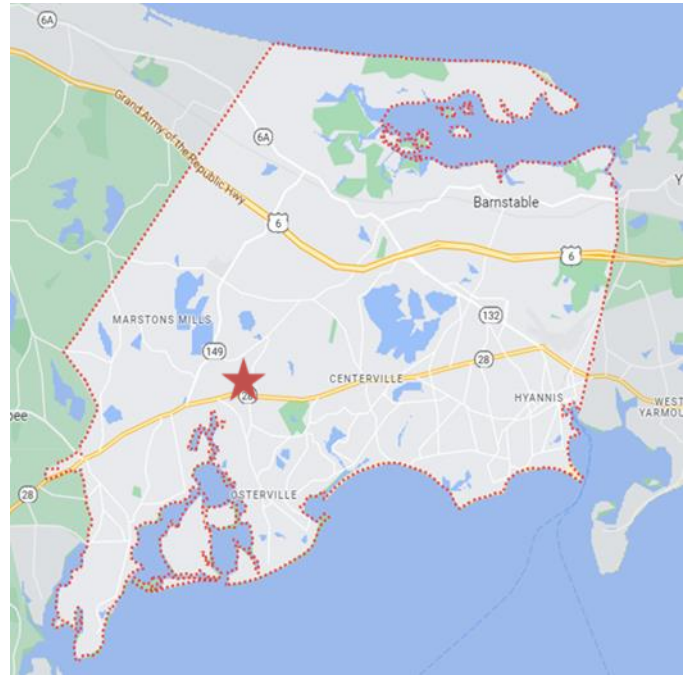


Project Working Title: Container Replacement (2 Units)

Project Location: 45 Flint Street Marston’s Mills, MA

Project Description: Replacement of 2 Container Units

Project Justification: The containers hold compacted household trash and recyclables for hauling and disposal. The current containers are nearing the end of their useful life and are beginning to show deterioration. They have large areas of rust and corrosion, and their support structure and frames are beginning to be compromised. As the containers continue to deteriorate, they reach a point where they are no longer safe to use. We currently have 16 Compactor Boxes which support the 8 compactor units that are owned by the Town and an additional 3 that are owned by the contractor. It is critical to maintain a minimum of 2 containers per compactor unit as we are unable to empty loads on weekends. We must constantly evaluate the condition of the remaining fleet due to the harsh environment that they exist in.



Impact of Denial/Postponement: Denial or postponement of this request could severely impact efficient operations of the Transfer Station & Recycling Center. Containers are used to collect and compact household trash and recyclables in order to transport to other facilities. Without containers, we do not have a way to transfer material from the Transfer Station to any other facility. The number of containers we have to use is enough to keep material moving but does not leave much room for error. If containers are lost due to age and deterioration, we will not be able to keep up with the amount of material that residents dispose of.

Project Cost Estimates:		FY 2025	Future FY
	Evaluation and Feasibility Study	-	-
	Design & Permitting	-	-
	Construction or Acquisition	\$50,000	\$265,000
	Project Management	-	-
	Project Contingency	-	-
	Total Project Cost	\$50,000	\$265,000

Basis for Cost Estimates: Similar equipment purchased in FY2023 and including potential increase to cost seen in other equipment purchased for the Transfer Station & Recycling Center.

Project Estimated Completion Date: 2025		Design & Permit (months)	-	Construction (months)	-
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$ 50,000	Replacement of 2 container units			
2026	\$ 50,000	Replacement of 2 container units			
2027	\$55,000	Replacement of 2 container units			
2028	\$55,000	Replacement of 2 container units			

2029	\$55,000	Replacement of 2 container units
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Source of Funding: Enterprise Fund Reserves

Operating Budget Impact now or in future: Routine maintenance will continue to be needed to ensure proper operation and life expectancy.



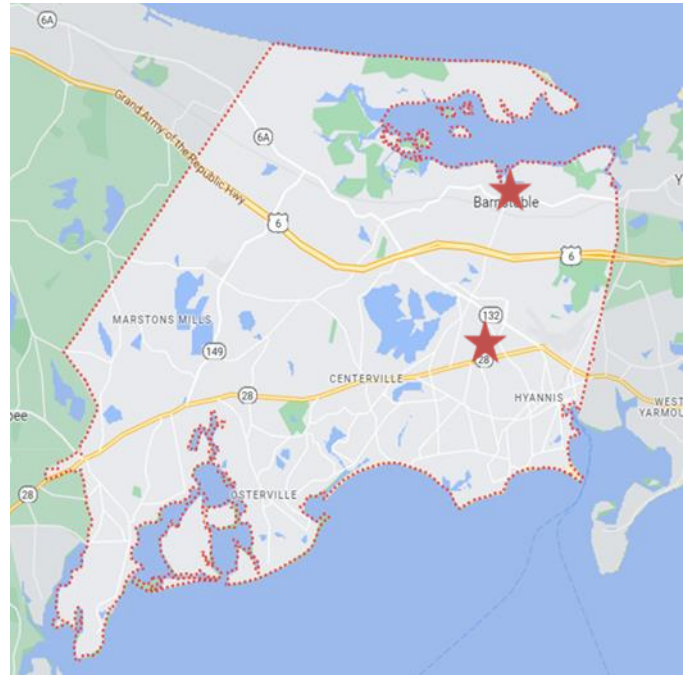
Current Containers scheduled for replacement.



Project Working Title: Pump Station Rehabilitation Program

Project Location: WPCD Pump Stations in Hyannis and Barnstable Village

Project Description: The purpose of this project is to carry out repairs to the Town’s sewage pump stations as identified in the Town’s 2019 Wastewater Pump Station Asset Management Plan. The FY25 Pump Station Rehabilitation request will cover widespread improvements to several small to medium-size pump stations across the Town’s sewage collection system. Construction work will include ventilation, odor control, electrical, mechanical and instrumentation improvements. Evaluation and design efforts will focus on pump stations being improved during the next several years of the program. This request will also fund an updated capacity analysis for the Bearse’s Way Pump Station. This request may also cover the cost of design and construction of repairs to other WPCD pump stations as immediate needs arise.



Project Justification: The 2019 Wastewater Pump Station Asset Management Plan evaluated 27 Town-owned sewage pump stations and prioritized the necessary improvements over a 20-year planning cycle. The pump stations were evaluated based on equipment condition, age, capacity, coastal resiliency, and energy efficiency. Repairs were prioritized based on the likelihood and consequence of pump station equipment failure. Year 6 of this program aims to complete improvements that were recommended as priority repairs in the 2019 Pump Station Asset Management Plan and to begin planning and design efforts for future pump station improvements.

Impact of Denial/Postponement: If this project is not funded, critical pump stations components will operate at increased risk of failure. Pump station failure could result in sanitary sewer overflow into Town roadways, waterways, or private properties, putting public health at risk. Failure to address ventilation could create unsafe work environments for WPCD staff and increase the rate of equipment degradation.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$350,000	\$400,000
	Construction or Acquisition	\$500,000	\$3,500,000
	Project Management	\$50,000	\$400,000
	Project Contingency	\$100,000	\$400,000
	All Other Cost	-	-
	Total Project Cost	\$1,000,000	\$4,700,000

Basis for Cost Estimates: Project Engineer’s cost estimate.

Project Estimated Completion Date: TBD		Design & Permit (months)	12	Construction (months)	24
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$1,000,000	Pump Station Rehabilitation			

2026	\$1,900,000	Pump Station Rehabilitation
2027	\$400,000	Pump Station Rehabilitation
2028	\$400,000	Pump Station Rehabilitation
2029	\$2,000,000	Pump Station Rehabilitation

Source of Funding: Enterprise Fund Bond Issue

Operating Budget Impact now or in future: New pumps, valves, grinders, and other equipment will reduce the need to carry out mechanical repairs. Ventilation upgrades will improve the operating environment within the pump station, making it less susceptible to corrosion.



Photo 1: Kalmus Beach Pump Station



Photo 2: Estey Ave Pump Station



Photo 3: Bearse's Way Pump Station



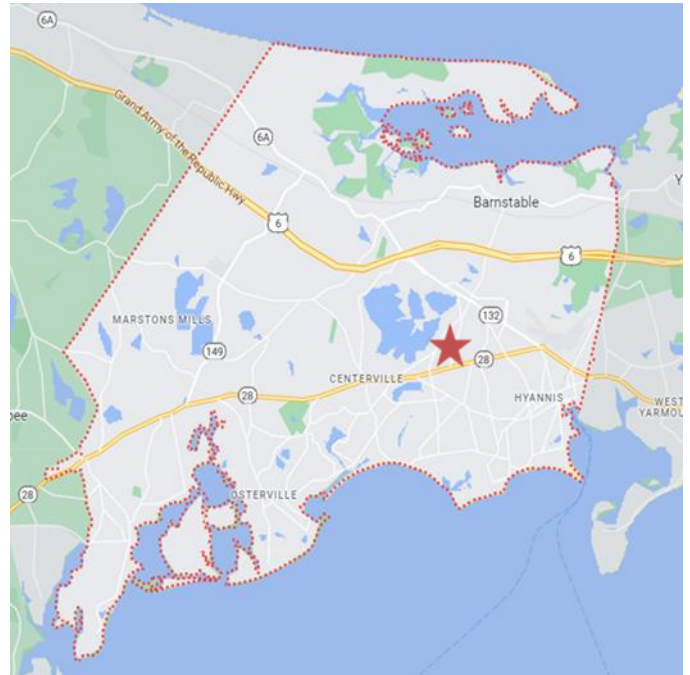
Photo 4: Bearse's Way Pump Station Exterior

Project Working Title: Effluent Sand Bed Valve Replacements

Project Location: Barnstable Water Pollution Control Facility

Project Description: This project will replace the motor actuated valves and air relief valves used to distribute flow around the WPCF’s rapid infiltration sand beds.

Project Justification: The Barnstable Water Pollution Control Facility discharges highly treated effluent into 36 rapid infiltration sand beds. The beds are rotated frequently in order to prevent overgrowth and to allow for routine maintenance. There are twelve 24-inch valves used for distributing water around the sand beds. Over the years, the valves have become increasingly difficult to operate and most of the motorized valve actuators have failed. Operation of these valves requires staff to enter confined spaces and open the valves manually with a hand wheel which can be an extremely strenuous task. With new motorized valves that open and close freely, this task can be accomplished in a safer manner. Once replaced, these valves can be configured to open and close through computer automation.



Impact of Denial/Postponement: If unfunded, the effluent distribution valves will continue to degrade to the point of failure. Costly emergency repairs will be necessary in order to repair valves as they fail. Flow may not be evenly distributed around the sand beds until repairs are made. Staff will continue to enter confined spaces to manually actuate the existing valves, leaving a safety hazard unaddressed.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	-
	Construction or Acquisition	\$600,000	-
	Project Management	-	-
	Project Contingency	-	-
	All Other Cost	-	-
Total Project Cost	\$600,000	-	

Basis for Cost Estimates: In-house cost estimate based on similar valve replacement projects and updated budgetary estimates from valve manufacturers.

Project Estimated Completion Date: 2025		Design & Permit (months)	3	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$600,000	Valve Replacements			
2026	-	-			
2027	-	-			
2028	-	-			

Source of Funding: Enterprise Fund Bond Issue

Operating Budget Impact now or in future: Reduced ongoing maintenance, replacement of the motorized valves and control panel will reduce the amount of effort required to open and close the valves.



Photo 1: Valve Structure #6



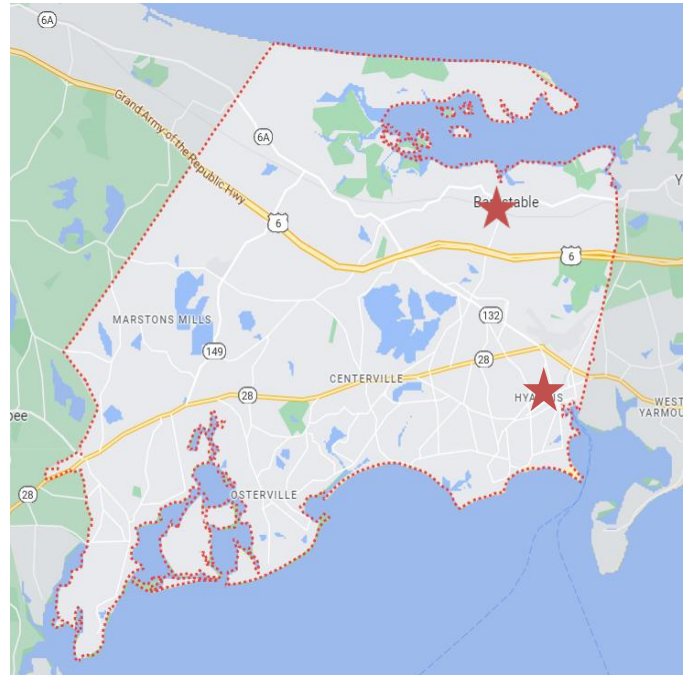
Photo 2: Valve Structure #7

Project Working Title: Sewer System Rehabilitation Program – Evaluation and Design

Project Location: Sewers in Hyannis and Barnstable Village

Project Description: The purpose of this program is to carry out sewer rehabilitation in targeted areas within the Town’s sewer collection system. This year’s request will fund an evaluation to identify problem areas and provide a plan for future sewer system rehabilitation. This evaluation will include an update to the Town’s SewerCAD model to update pipe capacities to ensure that the existing infrastructure can accommodate future development. Future work may include pipe relining, pipe replacement, and manhole rehabilitation.

Project Justification: The Town’s sewage collection system dates back to 1935 and is in need of targeted rehabilitation in certain areas. As part of the Town’s infiltration and inflow analysis and subsequent sewer system evaluation survey (SSES) work, several pipe defects were located. These defects are currently being addressed as part of the first round of sewer system rehabilitation construction. This request will fund an evaluation that will update the Town’s SewerCAD model and provide a plan to strategically address problem areas in Town. Updating the Town’s SewerCAD model will help identify areas that are approaching maximum capacity so that the sewers can be replaced. This will ensure that sewer capacity is not the limiting factor restricting desired growth within Town. Additionally, this effort will identify areas where sewer relining will help avoid costly and disruptive “dig and repair” issues in the future and will extend the useful life of these pipes by up to 50 years.



Impact of Denial/Postponement: If left unfunded, sewer repairs will be deferred until funding is made available. This could increase the likelihood of a sanitary sewer overflow, putting public health at risk. Sewer capacity could become the limiting factor prohibiting desirable growth in Town.

Project Cost Estimates:		FY 2025	Future FY
	Design / Permitting	\$150,000	-
	Construction or Acquisition	-	\$1,350,000
	Total Project Cost	\$150,000	\$1,350,000

Basis for Cost Estimates: In-house cost estimate based on previous SewerCAD updates.

Project Estimated Completion Date: Late 2025		Design & Permit (months)	18	Construction (months)	TBD
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$150,000	Evaluation and planning			
2026	-				
2027	-				
2028	\$850,000	Construction of Improvements			
2029	\$500,000	Construction of Improvements			

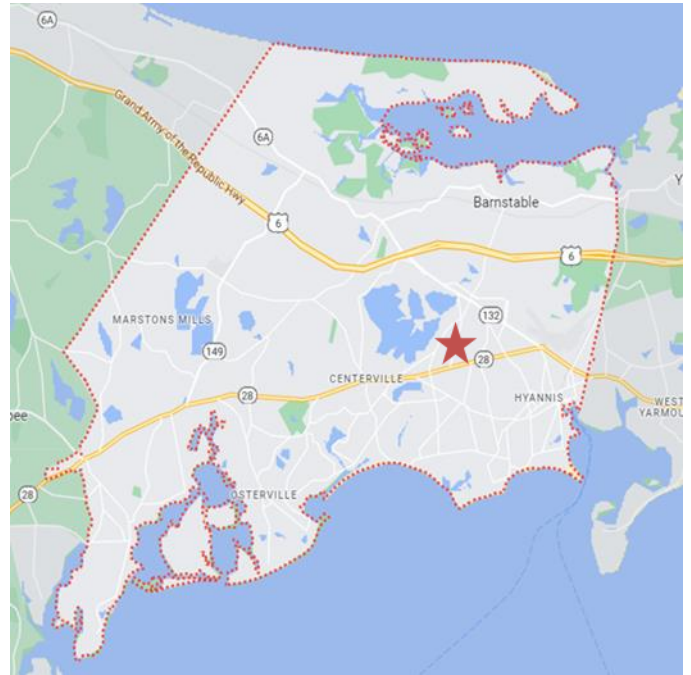
Source of Funding: WPC Enterprise Fund Reserves.

Project Working Title: Purchase of a New Bypass Pump

Project Location: Barnstable Water Pollution Control Facility (WPCF)

Project Description: Purchase of a new tow-behind bypass pump.

Project Justification: The Town currently has 28 sewage pump stations with 12 more currently in design or under construction. The Barnstable WPCD is responsible for keeping flow moving through these pump stations at all times. The Town’s standard pump station design includes backup power options (either an on-site generator or portable generator hookup), and a bypass pumping connection. The bypass connection protects against system failure and is also useful when carrying out extensive repairs to the pump station. The WPCD currently has one bypass pump that is 25 years old and at the end of its design life. While this pump is still functional, there have been instances where the it has broken down and required repair. A new bypass pump will be more reliable and will have upgraded controls and a sound attenuated enclosure to help reduce noise during periods of extended operation.



Impact of Denial/Postponement: If this purchase is not funded the Town will continue to operate with an outdated bypass pump that is showing signs of wear and tear. During emergency situations the Town may need to rent a bypass pump which will take time to deliver and can be extremely expensive to rent. If this purchase is not funded there would be a greater risk of sanitary sewer overflow within the Town’s sewage collection system.

Project Cost Estimates:		FY 2025	Future FY
	Construction or Acquisition	\$115,000	-
	Total Project Cost	\$115,000	-

Basis for Cost Estimates: Budgetary quotes from bypass pump dealers.

Project Estimated Completion Date: Sept. 2024		Design & Permit (months)	-	Construction (months)	3
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$115,000	Purchase of bypass pump			
2026	-	-			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: Water Pollution Control Enterprise Fund Reserves

Operating Budget Impact now or in future: Additional pipes and fittings will be purchased through the WPCD operating budget so the WPCD can operate two bypass pumps at once.



Photo 1: WPCD Bypass pump



Photo 2: Modern bypass pump

Project Working Title: Nitrogen Removal Improvements and Water Pollution Control Facility Upgrade

Project Location: Water Pollution Control Facility (WPCF)

Project Description: This request is for construction funding for 3 previously approved design CIPs, and one potential future CIP. The previously approved CIPs include:

- CIP 2022-085, Nitrogen Removal Improvements Project at the WPCF
- CIP 2023-052, Headworks Improvements at WPCF
- CIP 2022-088, WPCF Facility Study

The potential future CIP would be to add an additional treatment process to the WPCF to either facilitate PFAS removal or effluent disposal options.

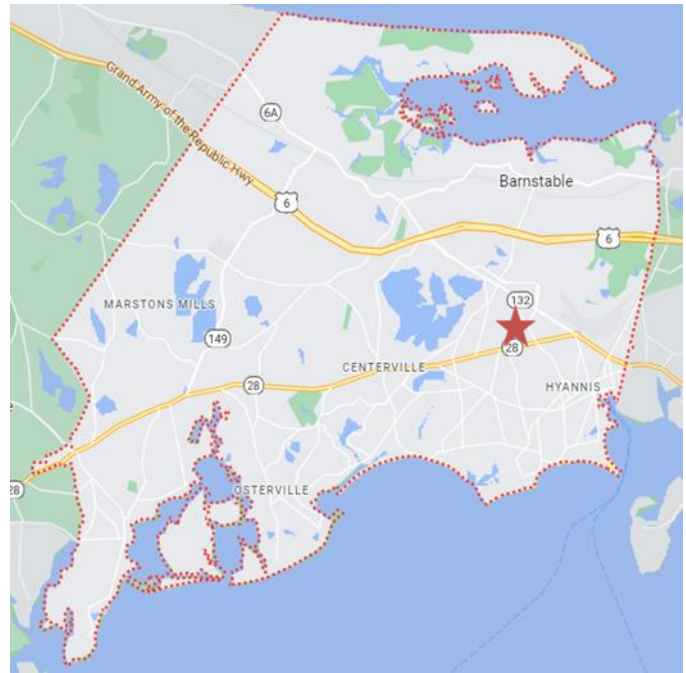
The proposed construction project is anticipated to be completed in two phases as follows:

- Phase I will include the construction of a new headworks facility, the nitrogen removal improvements (installation of a four stage Bardenpho process, and membrane bioreactors), in kind upgrades to the chlorination and effluent pumping systems, associated piping/conveyance structures, other upgrades identified in the Facility Study that make sense to incorporate as part of this work, and installing infrastructure needed to facilitate potential Phase II work.
- Phase II will only be implemented if either future WPCF permits require it, selected effluent disposal options require it, or if the Town elects to go to that increased level of treatment. It will include installation of a Reverse Osmosis (RO) treatment process, installation of a Ultraviolet (UV) disinfection system, further effluent pumping modifications, and potentially addition of an Advanced Oxidation treatment process.

The FY25 request is for the construction money for Phase I.

Project Justification: The Phase I work will reduce the average effluent concentration of nitrogen from the facilities current 6 mg/L +/- to an average concentration of 3 mg/L or less. The Town's Comprehensive Wastewater Management Plan (CWMP) calls for on average an additional 2.9 million gallons per day (MGD) of wastewater to be treated at the WPCF over the next thirty years. This reduction of nitrogen concentration in plant effluent will reduce the total nitrogen load to the Lewis Bay watershed and minimize the number of required sewer projects in the Hyannis area to offset the nitrogen load. Additionally, the 4-stage Bardenpho process followed by a membrane bioreactor that is being installed will provide a very high-quality treated effluent, which will enable opportunities for the additional treatment processes considered in Phase II. Finally, Phase I will upgrade, where it makes sense, some of the aging infrastructure at the WPCF that has been identified for replacement in the facility Study.

Phase II work would include adding a RO system, enhanced UV disinfection, and further upgrades to effluent pumping to the WPCF. RO is a water purification process that uses a semi-permeable membrane to separate water molecules from other substances. RO is the existing "state of the art" technology in wastewater/water treatment, removing up to 99%+ of the dissolved salts (ions), particles, colloids, organics and bacteria from the feed water. Additionally, recent EPA studies have indicated that RO will remove between 90 and 99% of PFAS from the feed water. RO effectively produces distilled water. The combination of the treatment processes that will be installed in Phase I, RO, and enhanced UV disinfection match or exceed the treatment requirements required by states that allow potable water reuse. This



could allow the Town to consider reuse as part of its effluent discussions, and when considering the need for additional drinking water sources for the Town’s water system.

Impact of Denial/Postponement: Much of this work will still have to be accomplished in the near future as the WPCFs existing processes are at, or beyond, their design life. Additionally, denial will likely require significant sewer expansion in the Lewis Bay Watershed and limit the viable alternative effluent disposal options.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting		-
Construction or Acquisition		\$95,073,000	\$49,908,000
Project Management		\$9,507,000	\$4,991,000
Project Contingency		\$4,750,000	\$2,500,000
Total Project Cost		\$109,330,000	\$63,399,000

Basis for Cost Estimates: Based on budgetary estimates provided by consultant.

Project Estimated Completion Date: FY 2027	Design & Permit (months)	NA	Construction (months)	24
Cost/Description FY 2025 and Follow-On Years:				
Fiscal Year	Cost	Project Description/Components		
2025	\$109,330,000	Construction		
2026	-	-		
2027	\$63,399,000	If required/desired		
2028	-	-		
2029	-	-		

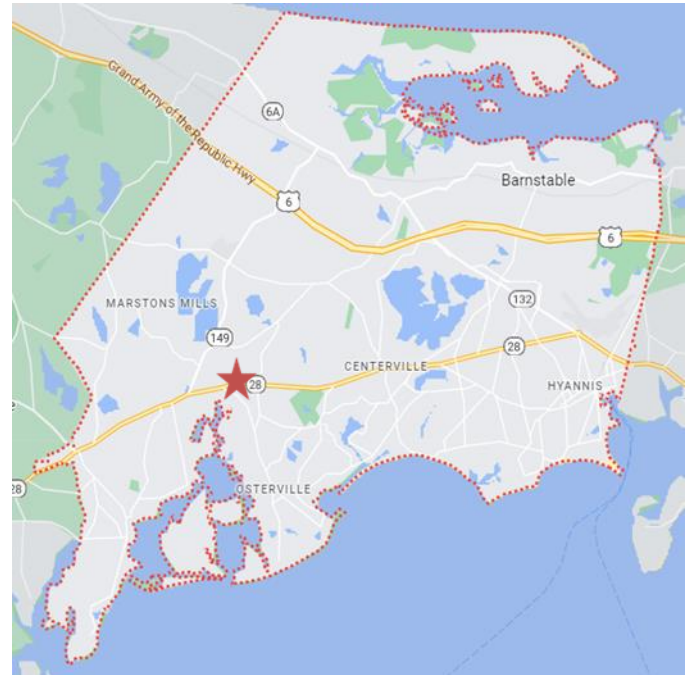
Source of Funding: CWMP Bond Issue

Operating Budget Impact now or in future: Project will increase routine maintenance as it will add a new, tertiary treatment process to the WPCF. The membranes being installed have a 10-year life cycle and will need to be replaced accordingly. Membrane replacements will cost approximately \$3,500,000 (in present day dollars) every 10 years. Once completed there will be an increase in routine maintenance to clean the membrane filters and maintain the additional equipment. The labor increase is anticipated to require 1 new FTE (Grade 6 Laborer).

Project Working Title: Route 28 West Sewer Expansion - Construction

Project Location: Route 28 from Phinney’s Lane to Route 149; Old East Osterville Road; Oldham Road; Portions of Osterville-West Barnstable Road and Bumps River Road; Marstons Mills Wastewater Treatment Facility

Project Description: The proposed project will extend municipal sewer on Route 28 from Phinney’s Lane to Route 149 in Marstons Mills. Also included in this project would be the connection of the existing Marstons Mills Wastewater Treatment Plant (MMWWTP) to the new collection system and decommissioning of that facility. Additionally, the project will include sewers in Old East Osterville Road, Oldham Road and portions of Osterville-West Barnstable Road and Bumps River Road. The project will install 5 sewer pump stations and approximately 5.2 miles of sewers, connect approximately 150 properties to municipal sewer, collect approximately 50,000 gallons per day of wastewater and remove approximately 5.0 kg/day of nitrogen.



Project Justification: The project will install critical infrastructure which will facilitate sewer expansion to the western portion of the Town as required by the CWMP. This will be the first sewer expansion project which will remove nitrogen load from the heavily impaired Three Bays Watershed. Additionally, the project will decommission the MMWWTP which was constructed in 1993 and is beyond its 20-year design life. Without the infrastructure to be installed as part of this project, the further western expansion of the municipal sewer system as required in the CWMP cannot be achieved and the MMWWTP will need to be independently upgraded. As a result, this project is identified in Phase 1 of the Comprehensive Wastewater Management Plan.

Impact of Denial/Postponement: The western sewer expansion required in the CWMP would be delayed, resulting in continued water quality degradation in the western part of Town. Also, the Town would need to continue to invest in the MMWWTP which has reached its expected life cycle and will likely require capital improvements if treatment at the facility is to continue.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting		-
Construction or Acquisition		\$48,000,000	-
Project Management		\$5,000,000	-
Project Contingency		\$5,400,000	-
Other Costs		\$1,250,000	-
Total Project Cost		\$59,650,000	-

Basis for Cost Estimates: Consultant Engineer’s Pre-25% Cost Estimate

Project Estimated Completion Date: 2027		Design & Permit (months)	0	Construction (months)	36
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$59,650,000	Construction			
2026	-	-			

2027	-	-
2028	-	-
2029	-	-

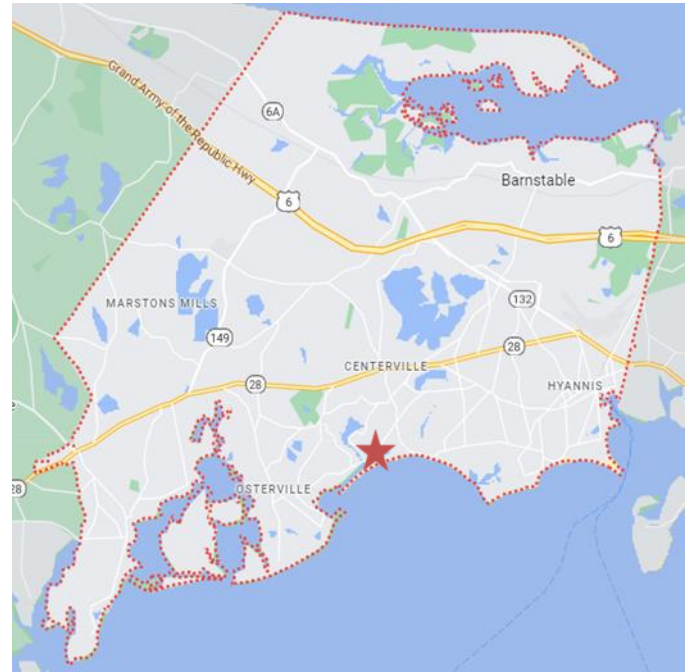
Source of Funding: CWMP Bond Issue

Operating Budget Impact now or in future: This includes anticipated increases in supplies, maintenance cost, electricity cost, and/or personnel costs. Construction of the project will increase WPCD operating costs as a result of increased routine maintenance, personnel needs, electricity, etc. associated with the new infrastructure. Revenue will be generated in the form of sewer assessments and sewer usage fees. Construction is anticipated to be completed in FY27 so operating expenses and revenue are not projected until the following year.

Project Working Title: Long Beach Sewer Expansion – Design and Permitting

Project Location: Long Beach Road, Short Beach Road, Lake Elizabeth Drive, and adjacent roadways

Project Description: This project will expand sewers to properties in the vicinity of Craigville Beach, Long Beach, Short Beach, and Lake Elizabeth. This project is anticipated to include mostly low-pressure sewers in the service area. The project will include the decommissioning of the shared septic system near Lake Elizabeth. Construction is anticipated to begin in FY2027.



Project Justification: Residences in this area are completely dependent on on-site solutions to address their wastewater. Many of the properties in this area are within flood zones and velocity zones and have high groundwater, making replacing on-site septic systems very expensive. In addition, the residences in this area are in close proximity to the nitrogen impaired Centerville River, impaired ponds (Lake Elizabeth and Red Lily Pond) and public bathing beaches (Craigville Beach, Covell’s Beach, Long Beach). The project will eliminate the Lake Elizabeth shared septic system. The project will utilize the sewer infrastructure being installed as part of the Strawberry Hill Road Sewer Expansion Project and the sewers associated with the Centerville Village Sewer Expansion Project, further utilizing the investment in those assets. As a result, this project was identified in Phase 1 of the CWMP. This project will install approximately 2.5 miles of sewers, connect approximately 160 properties to municipal sewers, collect approximately 31,000 gallons per day of wastewater and remove approximately 3.1 kg/day of nitrogen.

Impact of Denial/Postponement: The area would remain un-sewered, residents would be subject to high costs to replace failed septic systems and the Town would continue to have to maintain the Lake Elizabeth shared septic system. The pump station installed as part of the Strawberry Hill Road Sewer Expansion Project will experience low flow conditions for a longer period of time, thus not fully utilizing that asset.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$750,000	-
	Construction or Acquisition	-	\$7,500,000
	Project Management	-	\$200,000
	Project Contingency	-	\$1,050,000
	All Other Cost	-	\$250,000
	Total Project Cost	\$750,000	\$9,000,000

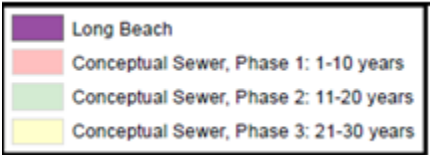
Basis for Cost Estimates: DPW Engineering cost estimate.

Project Estimated Completion Date: 2028		Design & Permit (months)	36	Construction (months)	24
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$750,000	Final Design and Permitting			
2026	-	-			
2027	\$9,000,000	Construction			

2028	-	-
2029	-	-

Source of Funding: CWMP Reserves.

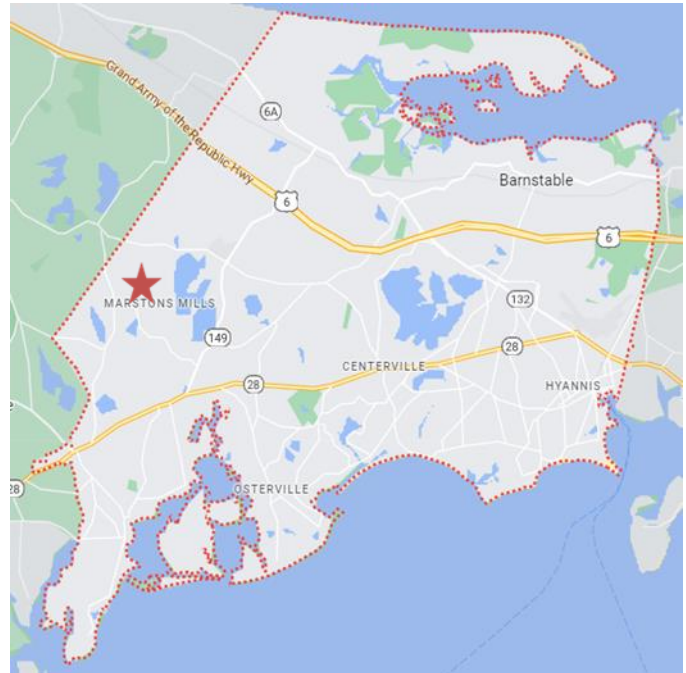
Operating Budget Impact now or in future: This request is for engineering. Construction of the project will increase WPCD operating costs as a result of increased routine maintenance, personnel needs, electricity, etc. associated with the new infrastructure. Revenue will be generated in the form of sewer assessments and sewer usage fees. Construction is anticipated to be completed in FY28 so operating expenses and revenue are not projected until that time.



Project Working Title: Private Road Repairs – School Street & Old Mill Road in Marstons Mills

Project Location: School Street and Old Mill Road, Marstons Mills

Project Description: Legislation passed in 2014 (Chapter 339 of the Acts of 2014 - signed by the Governor on 10/3/2014) allows that "the Town of Barnstable may from time to time, for the purpose of ensuring the safety of the general public, enter and make expenditures for undertaking maintenance and improvements within the layout, or any portion thereof, of one or more private ways within the Town". To do this the Town must make "a declaration of common usage of such private way by the general public by vote of the Town Council". Common usage is defined as "a road or any portion thereof that has been commonly used by the general public for a period of at least 20 consecutive years of travel directly from 1 public road or area to another public road or area."



The FY25 request would address School Street and Old Mill Road in Marstons Mills. These roads have degraded to the point where they require frequent maintenance and cause safety concerns for vehicles and pedestrians traveling on the street. In addition, drainage improvements are necessary on these roadways. This project also anticipates a FY26 request to fund repairs to Asa Meigs Road in Marstons Mills and Banfield Drive in Cotuit which have deteriorated significantly.

Project Justification: The roads in question are in common usage, in need of repair, and are heavily traveled. All proposed roads will be reclaimed and repaved. In addition to surface repairs, projects typically include installation or upgrading of drainage systems. Traffic calming and ADA accessibility will also be incorporated where possible and as appropriate.

Impact of Denial/Postponement: The roads will continue to deteriorate, possibly leading to unsafe and ultimately unpassable conditions.

Project Cost Estimates:		FY 2025	Future FY
	Design / Permitting		\$ 150,000
Construction or Acquisition		\$ 1,125,000	\$ 450,000
Construction Contingency		\$ 110,000	included
Project Management		\$ 35,000	\$ 20,000
Project Contingency		\$ 75,000	\$ 50,000
All Other Costs (Police Details)		\$ 25,000	\$ 15,000
Total Project Cost		\$1,520,000	\$585,000

Basis for Cost Estimates: DPW Engineering Cost Estimate.

Project Estimated Completion Date: 2027		Design & Permit (months)	6	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$ 1,520,000	Construction – School Street and Old Mill Road, Marstons Mills			

2026	\$ 585,000	Construction – Asa Meigs Road, Marstons Mills and Banfield Drive, Cotuit
2027		
2028		
2029		

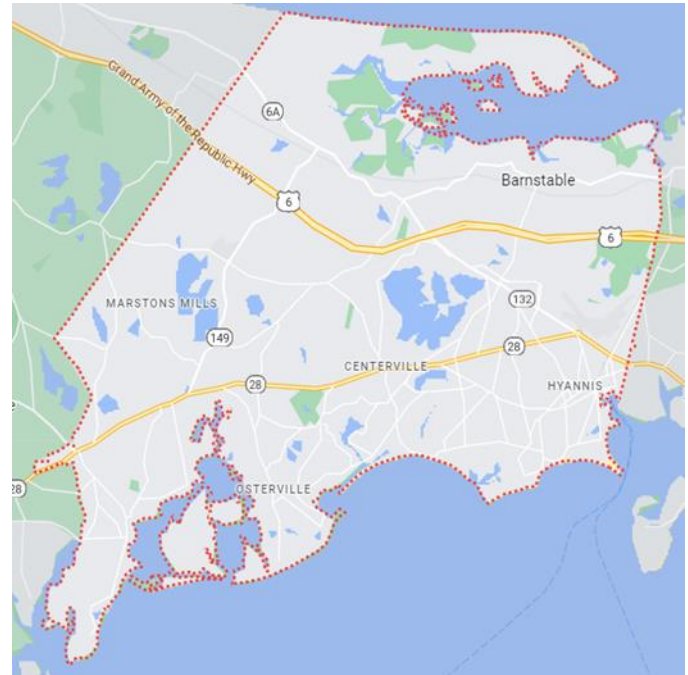
Source of Funding: Sewer Construction and Private Way Fund reserves.

Operating Budget Impact now or in future: Anticipated improvements will reduce emergency repairs.



Project Working Title: Public Roads Maintenance

Project Location: This year’s program anticipates repairs to the following roadways: Bay Lane, Centerville; Dale Avenue, Hyannis; Main Street Marston’s Mills and parts of Santuit-Newtown Road; Eel River Road and Parker Road in Osterville. Other roads may be substituted if necessary due to accelerated deterioration rates, unexpected damage, opportunities to address certain roads with other funding, or other factors. Drainage projects (approx. 25 locations), chip sealing and preventive maintenance are also planned for various roads town-wide (approx. 7-9 miles) to extend their service life. Associated costs, including personnel, are included in this project.



Project Description: Road rehabilitation work, milling, reclaiming, reconstructing and/or repaving of Town roadways. Repairs may include one of several different approaches including full depth reconstruction, reclamation, asphalt overlay, milling and overlay, applying a chipseal surface layer or crack sealing. In addition to surface repairs, projects typically include installation or upgrading of drainage systems, curbing and sidewalks wherever practicable. Traffic calming and ADA accessibility will also be incorporated where possible and as appropriate.

Project Justification: The Pavement Management Program’s current backlog is approximately \$23 million for public road repairs. The Town also has a backlog of approximately 160 locations where drainage improvements are required. The DPW receives numerous requests for speed evaluations on public roads, and traffic calming investigations which take resources to assess. There are numerous locations where pedestrian safety and ADA accessibility improvements are warranted. Continued investment in roadway maintenance projects prevents accelerated deterioration of the roadway network, which would otherwise result in costly repairs and future reconstruction of roadways.

Impact of Denial/Postponement: The impact of denial or postponement will be accelerated deterioration of our public roadway network resulting in public safety hazards and liability, potential damage to private property, and increased repair costs.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting		\$75,000
Construction or Acquisition		\$2,900,000	\$12,600,000
Project Management		\$450,000	\$1,800,000
Project Contingency		\$350,000	\$1,400,000
All Other Cost		\$75,000	\$300,000
Total Project Cost		\$3,850,000	\$16,400,000

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2025		Design & Permit (months)	6	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$3,850,000	Design and Construction			

2026	\$ 3,950,000	Design and Construction
2027	\$ 4,050,000	Design and Construction
2028	\$ 4,150,000	Design and Construction
2029	\$ 4,250,000	Design and Construction

Source of Funding: Capital Trust Fund Reserves and Chapter 90. Road Fund.

Operating Budget Impact now or in future: Investments in roadway maintenance projects can prevent more costly roadway improvements, such a full roadway reconstruction in the future.



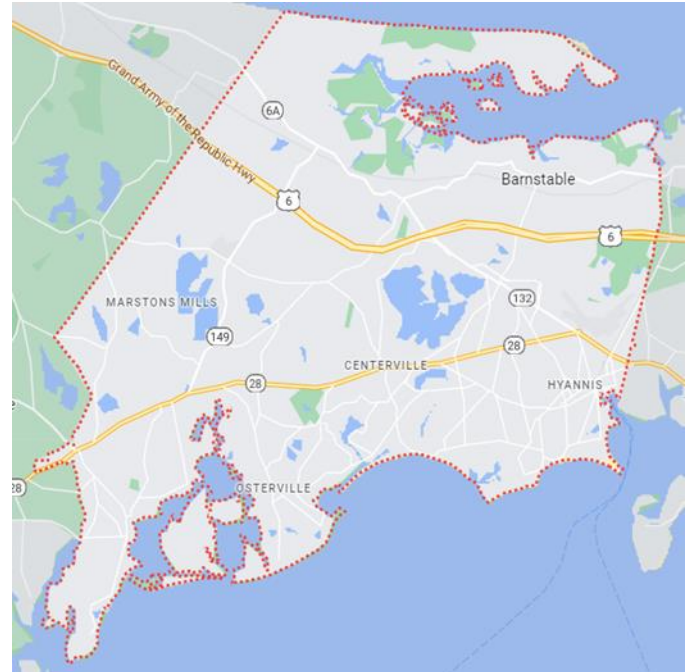


Project Working Title: Curb Ramps & Sidewalks ADA Transition Plan

Project Location: : Various locations around town where there is identified curb ramp and/or sidewalk non-conformance.

Project Description: The project will repair or replace curb ramps and sidewalks to bring them into compliance with the Americans with Disabilities Act (ADA) and Massachusetts Architectural Access Board (MassAAB) requirements.

Project Justification: Title II of The Americans with Disabilities Act (ADA) of 1990 specifically addresses the subject of making public services and public transportation accessible to those with disabilities. The Act applies to all facilities, including both facilities built before and after 1990. A requirement of the program is for state and local government, public entities, or agencies to perform self-evaluations of their current facilities, relative to the accessibility requirements of the ADA. The agencies are then required to develop a Transition Plan to address any deficiencies.



The Plan is intended to achieve the following:

- (1) identify physical obstacles that limit the accessibility of facilities to individuals with disabilities,
- (2) describe the methods to be used to make the facilities accessible,
- (3) provide a schedule for making the access modifications, and
- (4) identify the public officials responsible for implementation of the Transition Plan.

The Plan is required to be updated periodically until all accessibility barriers are removed.

(Adapted from “ADA Transition Plans: A Guide to Best Management Practices” by National Academy of Sciences National Cooperative Highway Research Program, May 2009.)

Impact of Denial/Postponement: This would delay implementation of federally- and state-mandated accessibility improvements, perpetuating non-compliance and adversely impacting the ability of pedestrians to utilize non-conforming curb ramps and sidewalks. It might also expose the Town to increased risks of complaints and penalties.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting		\$25,000
Construction or Acquisition		\$256,000	\$1,158,000
Project Management		\$3,000	\$14,000
Project Contingency		\$66,000	\$301,000
All Other Cost		-	-
Total Project Cost		\$350,000	\$1,584,000

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2026		Design & Permit (months)	-	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$ 350,000	Design, Permitting & Construction			

2026	\$ 368,000	Design, Permitting & Construction
2027	\$ 385,000	Design, Permitting & Construction
2028	\$ 405,000	Design, Permitting & Construction
2029	\$ 426,000	Design, Permitting & Construction

Source of Funding: General Fund Reserves

Operating Budget Impact now or in future: None



Exceeds allowable cross-slope pitch

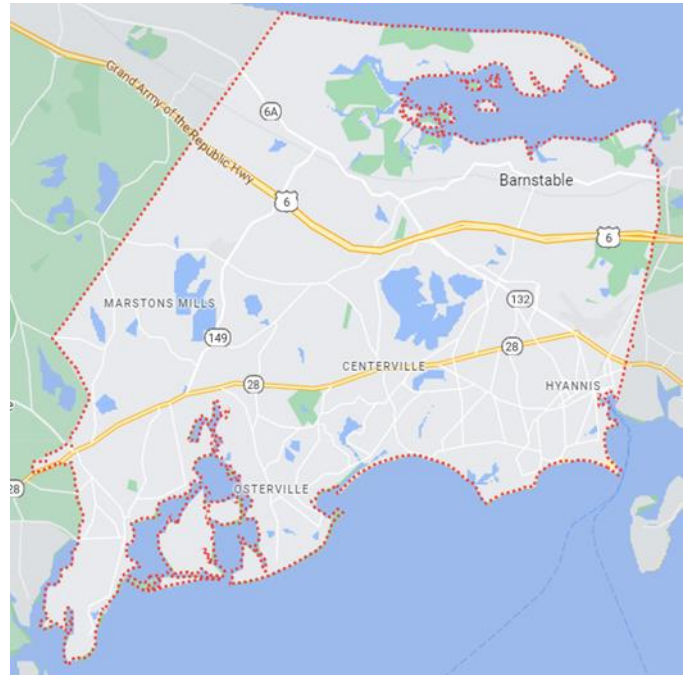


Missing detectable warning

Project Working Title: Freshwater Ponds – Long Pond Centerville Monitoring & Management Plan Program

Project Location: Various Locations

Project Description: This project will fund the continuation of the water quality monitoring and management plan development program which will allow the Town to better understand sources that impair our freshwater ponds and recommend solutions. The management plan is developed in a two-phase cycle. The first phase consists of monitoring all nutrient sources, including: in-pond water quality, sediment nutrient release, stormwater inputs, groundwater input, dissolved oxygen, phytoplankton composition (including cyanobacteria), and stream inputs, when applicable. The second phase involves the development of a management plan report (included in this request) that will be presented following the completion of the monitoring, recommending solutions and cost estimates for restoring pond water quality and mitigating algae blooms.



To date, the Shubael Pond, Long Pond Marstons Mills, Lovells Pond, and Lake Wequaquet and Bearses Pond management plans have been funded, along with continued sample collection in the spring and fall at 25 Great Ponds through the Pond and Lake Stewards Program (PALS). It is envisioned that this will be a recurring project for developing pond and lake management plans, which will ultimately be used to guide the Town in future management/implementation of solutions for its freshwater resources. FY25 funds are anticipated to be used to perform water quality monitoring and development of a management plan report for Long Pond Centerville.

Project Justification: Many of the Town’s ponds are impaired. These water quality issues can cause pond closures and are unpalatable to residents and visitors who utilize the pond for swimming, boating, fishing, and other recreational activities. Several citizens groups have approached the Town looking for solutions to poor water quality in freshwater ponds, in particular cyanobacteria. In many cases the specific cause is unknown or not fully quantified, preventing the Town from understanding which sources need to be remedied in order to restore pond health. Through these management plan reports, the Town aims to take a holistic approach to understanding the issues that impair our freshwater resources and ultimately how to appropriately manage them based on their unique characteristics.

Impact of Denial/Postponement: The impact of anticipated sewer infrastructure on Long Pond Centerville will be better understood by studying the ponds prior to sewer connections. This effort will identify the solutions that are needed to manage these ponds.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	-
	Construction or Acquisition	\$135,000	\$605,000
	Project Management	-	-
	Project Contingency	-	-
	All Other Cost	-	-
	Total Project Cost	\$135,000	\$605,000

Basis for Cost Estimates: Costs based on scope of work provided by the UMASS Dartmouth school for Marine Science and Technology in 2023.

Project Estimated Completion Date: 2026		Design & Permit (months)	-	Construction (months)	18
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$135,000	Long Pond Centerville Management Plan			
2026	\$405,000	Mystic Lake, Middle Pond, Hamblin Pond (anticipated) Management Plan			
2027	\$200,000	Hinckley Pond, Parker, No Bottom Pond (anticipated) Management Plan			
2028	TBD	TBD Pond Management Plan			
2029	TBD	TBD Pond Management Plan			

Source of Funding: General Fund Reserves

Operating Budget Impact now or in future: None



Cyanobacteria scum at Lovells Pond Beach



Long Pond Marstons Mills, cyanobacteria picture featured on Boston news channel 5 on 7/9/2020



Mystic Lake, cyanobacteria scum on 9/4/22



Cyanobacteria scum at Holly Point Beach, Bearse's Pond on 06/08/2022

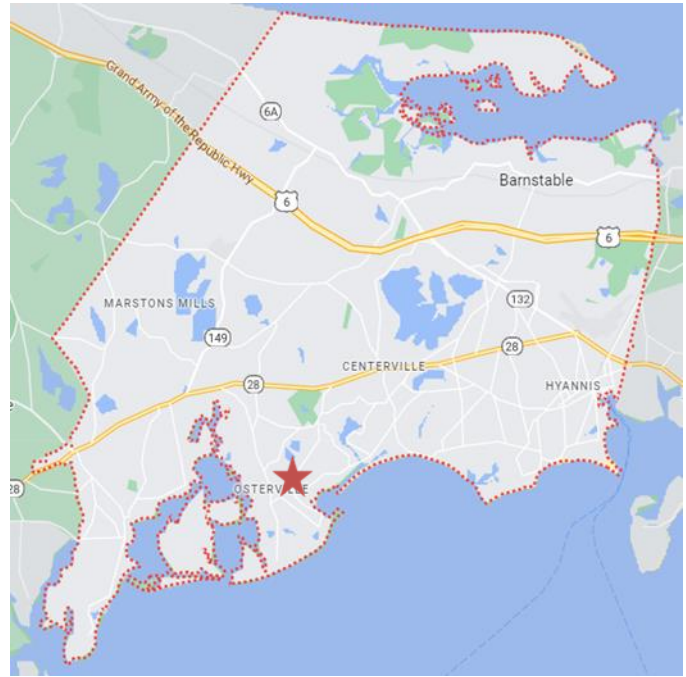
Project Working Title: Raised Crosswalks on Main Street, Osterville Village - Design & Construction

Project Location: Main Street, Osterville Village

Project Description: Installation of raised pedestrian crosswalks at up to four (4) locations on Main Street in Osterville Village.

Project Justification: Raised pedestrian crossings will make individuals entering the roadways more visible to motorists and therefore improve pedestrian safety. A secondary benefit of the raised crosswalks may be speed mitigation through the village center.

Impact of Denial/Postponement: Failure to implement this project construction will perpetuate unsafe conditions for pedestrians traveling/crossing in these areas.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$ 55,000	\$ 0
	Construction or Acquisition	\$ 560,000	\$ 0
	Construction Contingency	\$ 55,000	\$ 0
	Project Management	\$ 15,000	\$ 0
	Total Project Cost	\$685,000	\$6,000,000

Basis for Cost Estimates: Previous years' experience.

Project Estimated Completion Date: 2025		Design & Permit (months)	6	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$685,000	Design & Construction			
2026	-	-			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: General Fund Bond Issue

Operating Budget Impact now or in future: The raised crosswalks will increase routine maintenance in these locations. Maintenance will be through the Highway operating budget.



Main Street Osterville

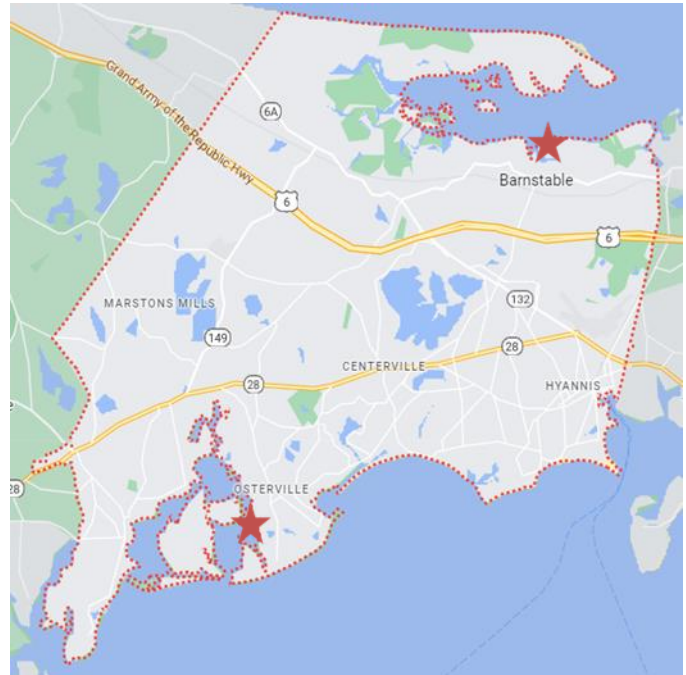
Project Working Title: Channel Dredging Program

Project Location: Various Town-owned navigational channels

Project Description: This project involves the ongoing design, permitting, and maintenance dredging of Town-owned navigational channels.

Project Justification: The Town completed a Comprehensive Dredge Plan in 2017 based on surveyed conditions and historic dredging frequencies. The plan identifies dredge needs in multiple channels during this five-year CIP. These channels provide important navigational access for significant numbers of recreational and commercial boats, as well as regulatory and emergency response vessels. The failure to maintain these channels can result in very dangerous conditions, which can threaten the safety of our residents and risk serious damage to boats.

Impact of Denial/Postponement: The channels will continue to shoal and eventually completely close off access for recreational and commercial boating.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting		\$450,000
Construction or Acquisition		\$1,100,000	\$7,270,000
Construction Contingency		\$100,000	\$700,000
Project Management		\$50,000	\$200,000
Project Contingency		\$50,000	\$200,000
All Other Costs		\$0	\$0
Total Project Cost		\$1,750,000	\$8,870,000

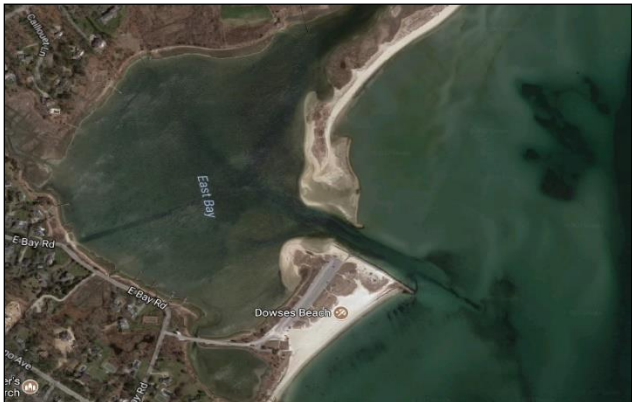
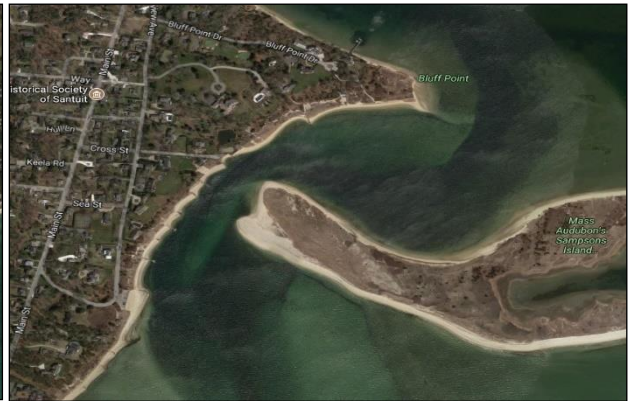
Basis for Cost Estimates: Comprehensive Dredge Plan and DPW Engineering

Project Estimated Completion Date: N/A		Design & Permit (months)	-	Construction (months)	-
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$1,750,000	Blish Point Boat Ramp (\$450,000), Barnstable Harbor Mid-Entrance Channel (\$750,000), West Bay Channel Permitting (\$175,000), East Bay/Centerville River Channels Permitting (\$275,000), Project Management/Surveys/Permitting/Contingency (\$100,000)			
2026	\$2,125,000	West Bay Inner Entrance Channel (\$1,750,000), East Bay Entrance Channel (\$150,000), Centerville River Channel – Lower Reach (\$125,000), Project Management/Surveys/Permitting/Contingency (\$100,000)			
2027	\$2,245,000	Bismore Park Pier Basin (\$620,000), Gateway Marina Channel (\$750,000), Seapuit River Channel (\$500,000), West Bay Spur Channel (\$90,000), West Bay Outer Entrance Channel (\$185,000), Project Management/Surveys/Permitting/Contingency (\$100,000)			

2028	\$1,900,000	Barnstable Harbor Outer Entrance Channel (\$600,000), Blish Point Boat Ramp (\$450,000), Barnstable Harbor Mid-Entrance Channel (\$750,000), Project Management/Surveys/Permitting/Contingency (\$100,000)
2029	\$2,600,000	East Bay Outer Embayment Channel (\$1,350,000), East Bay Inner Embayment Channel (\$1,150,000), Project Management/Surveys/Permitting/Contingency (\$100,000)

Source of Funding: Capital Trust Fund Bond Issue.

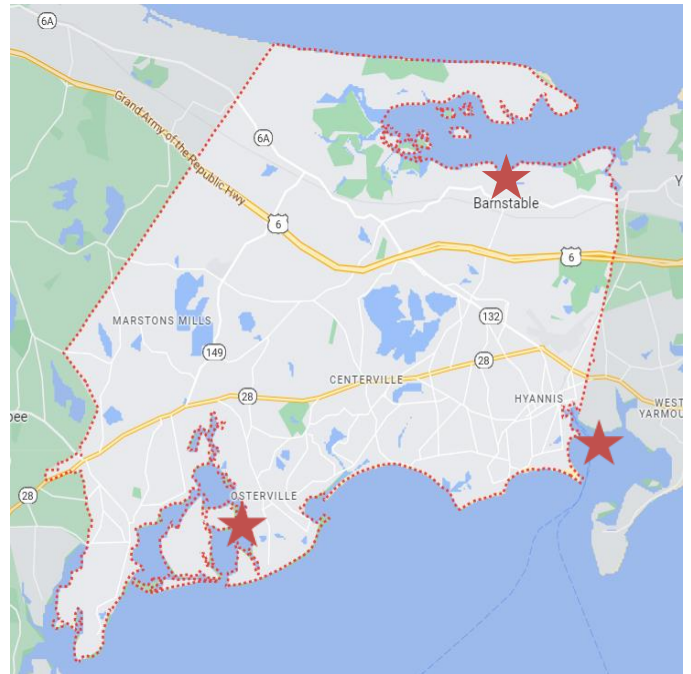
Operating Budget Impact now or in future: N/A



Project Working Title: Bulkhead Improvements

Project Location: Various Locations – Town Owned Bulkheads

Project Description: In 2023, the Town retained Collins Engineering to inspect all 8 of the Town owned bulkheads in the Town. To date, inspection reports have been provided for three of the bulkheads. This year’s project would fund improvements recommended in Collins Engineering’s reports at four of the bulkheads, Barnstable Harbor Marina, Gateway Marina, Pleasant Street, and West Bay Road. Funds may be used for improvements at other bulkheads if excess funds are available or if priorities are modified by the results of the remaining inspection reports.



Project Justification: The inspection reports identified maintenance and improvements necessary to extend the useful life of the bulkheads and prevent more significant capital expenses. These improvements include, but are not limited to, weep hole improvements, gangway slip and trip mitigation, coatings, further testing, bolt improvements, cathodic protection systems, pile repairs or replacements, ladder replacements, addressing rot, concrete repairs, and repairing damaged appurtenances.

Impact of Denial/Postponement: Lack of maintenance and improvements to the bulkheads could result in a reduced useful life and potentially catastrophic failure.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$50,000	\$ 25,000
	Construction or Acquisition	\$450,000	\$ 400,000
	Construction Contingency	\$45,000	\$ 40,000
	Project Management	\$25,000	\$ 20,000
	Project Contingency	\$10,000	\$ 5,000
	All Other Costs	\$ 0	\$ 0
	Total Project Cost	\$580,000	\$ 490,000

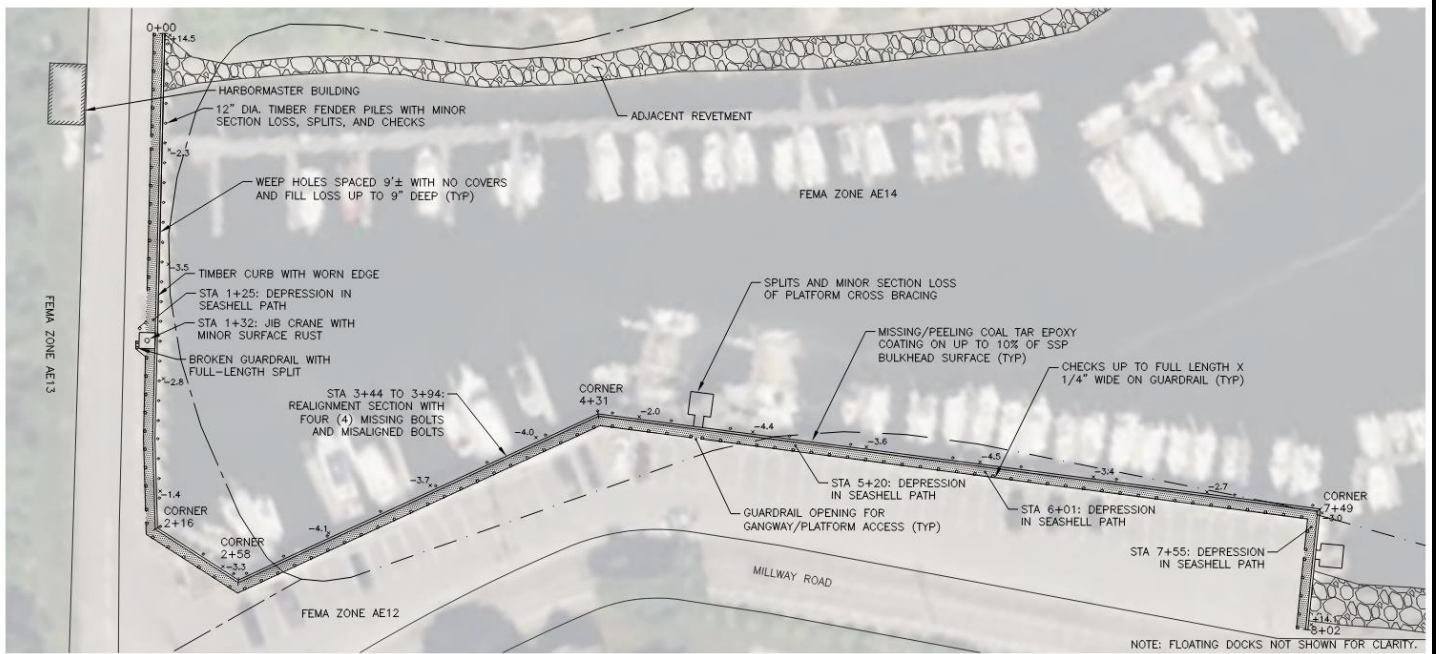
Basis for Cost Estimates: Consultant and DPW Engineering Department

Project Estimated Completion Date: 2026		Design & Permit (months)	6	Construction (months)	6
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$ 580,000	Design, Permitting and Construction (Improvements to 4 bulkheads)			
2026	-	-			
2027	\$ 490,000	Design, Permitting and Construction (Improvements to 3 bulkheads)			
2028	-	-			
2029	-	-			

Source of Funding: Capital Trust Fund Bond Issue

Operating Budget Impact now or in future: This project addresses deficiencies which should result in reduced maintenance.





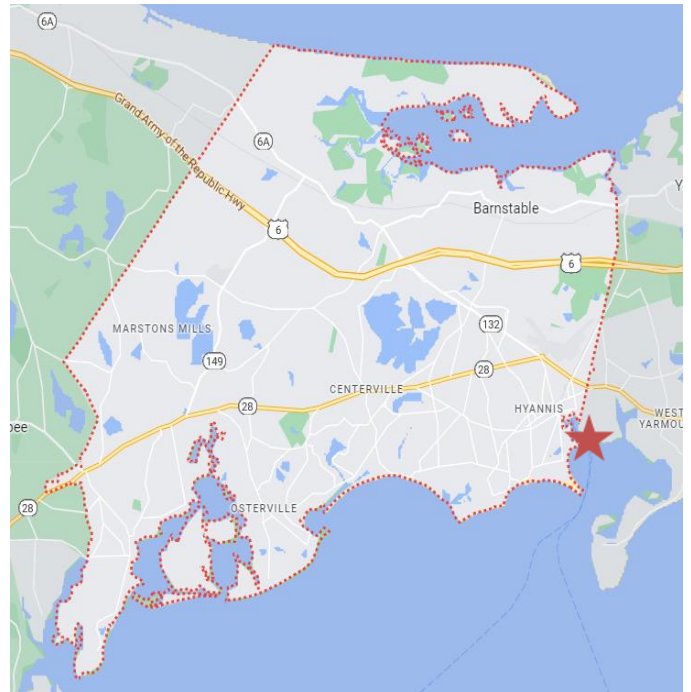
Project Working Title: Bay Shore Road Boat Ramp – Design & Permitting

Project Location: Bay Shore Road, Hyannis.

Project Description: The existing boat ramp will be replaced, and the adjacent parking area will be reconstructed with improved stormwater systems. Engineering design plans and environmental permitting will be completed prior to a future request for construction.

Project Justification: The Bay Shore Road boat ramp and associated parking area serve important access to mooring fields within Hyannis Harbor and are heavily used by the boating population in the neighborhood. The existing asphalt ramp is deteriorated and needs replacement. Stormwater facilities will be improved as determined to be necessary.

Impact of Denial/Postponement: If repairs are not made the ramp will continue to deteriorate and will eventually become unsafe and unusable. A ramp that is poor condition poses a safety hazard and could prove to be a liability should an accident occur due to the condition of the ramp.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$ 206,000	-
	Construction or Acquisition	-	\$ 599,000
	Construction Contingency	-	\$ 120,000
	Project Management	\$ 14,000	-
	Project Contingency	\$ 36,000	-
	All Other Costs	-	-
	Total Project Cost	\$ 256,000	\$ 719,000

Basis for Cost Estimates: DPW Engineering

Project Estimated Completion Date: 2026		Design & Permit (months)	18	Construction (months)	TB D
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$ 256,000	Design & Permitting			
2026	\$ 719,000	Construction			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: General Fund Reserves.

Operating Budget Impact now or in future: None



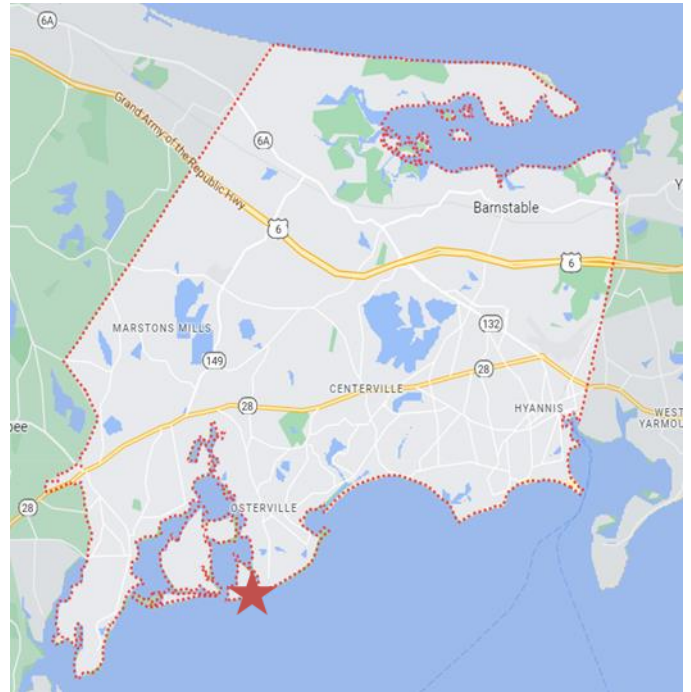
Project Working Title: West Bay Breakwater Improvements – Evaluation

Project Location: West Bay, Osterville

Project Description: A report prepared by Ocean & Coastal Consultants published in March 2014 recommended repairs to reset the armor stones currently displaced and recommended a second layer of armor stones designed to accommodate the 100-year storm be integrated into the existing stone to increase the thickness and “soften” the side slopes of the breakwaters. This project would re-evaluate the breakwater and provide updated recommendations.

Project Justification: Numerous storms, heavy seas and constant wave action have damaged the breakwaters that protect both sides of the channel entering West Bay from Nantucket Sound. The integrity of the structures is now compromised; the breakwaters have lost stones and have settled. The breakwaters provide safe navigation in the area and prevent shoaling of the entrance channel.

Impact of Denial/Postponement: If not remedied, the structures will continue to deteriorate and the shoaling in the inlet will worsen as a result and the channel become non-navigable. Water quality in the bay could become compromised.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$50,000	\$ 250,000
	Construction or Acquisition	-	\$ 4,900,000
	Construction Contingency	-	Included
	Project Management	-	Included
	Project Contingency	-	Included
	All Other Costs	-	Included
	Total Project Cost	\$50,000	\$ 5,150,000

Basis for Cost Estimates: Consultant and DPW Engineering Department

Project Estimated Completion Date: 2028		Design & Permit (months)	18	Construction (months)	4
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$ 50,000	Evaluation			
2026	\$ 250,000	Design & Permitting			
2027	-	-			
2028	\$ 4,900,000	Construction			
2029	-	-			

Source of Funding: General Fund Reserves

Operating Budget Impact now or in future: None

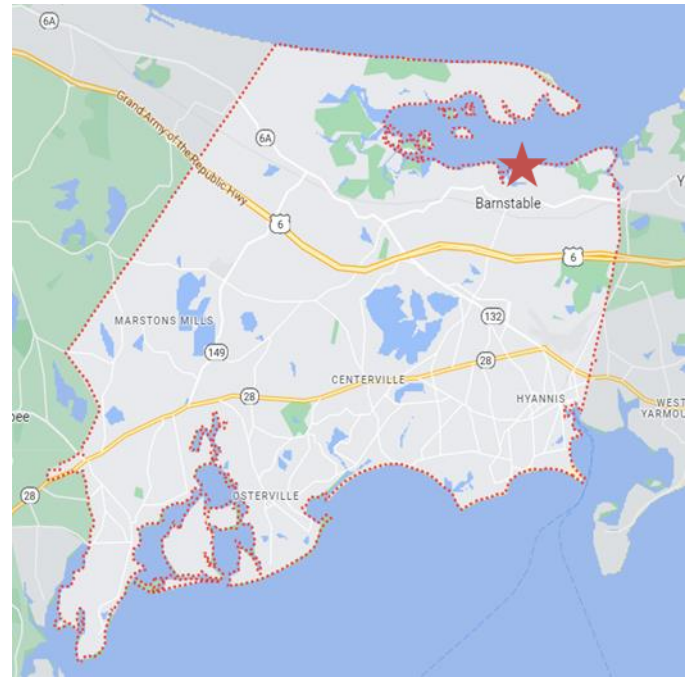


Project Working Title: Blish Point Construction for Long Term Solution – Design & Permitting

Project Location: Millway Beach, Barnstable

Project Description: Final design of a long-term solution to stabilize the coastal bank with stone revetment (similar to that on the adjacent private side of the beach), if approved by regulators, or other permissible alternative.

Project Justification: The unarmored coastal bank has experienced severe erosion on about a 2-year frequency in recent years due to severe storms, extreme high tides, and storm surges. This may be contributing to the recurring need to dredge accumulated sand/sediment from the Barnstable Harbor entrance channel with regular frequency. A study by Woods Hole Group recommends a stone revetment as the best engineering solution. Over a longer-term life cycle, a hardened revetment (if approved by regulators), similar to the one on the private side of the same beach is anticipated to be more cost effective and has been a proven approach for protecting Town assets at the Millway Beach parking lot.



Impact of Denial/Postponement: The cycle of erosion, sand replacement, or erosion will continue, and is expected to worsen due to the predictions of more frequent severe storms and sea level rise. This is costly and eventually the erosion will be severe enough to damage or destroy the observation deck, bathhouse, parking lots, roads and release fine grained materials from prior dredging effort into the harbor.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$150,000	-
	Construction or Acquisition	-	\$2,000,000
	Construction Contingency	-	-
	Project Management	-	-
	All Other Costs	-	-
	Total Project Cost	\$150,000	\$2,000,000

Basis for Cost Estimates: DPW Engineering Department

Project Estimated Completion Date: 2027		Design & Permit (months)	N/A	Construction (months)	N/A
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$150,000	Design & Permitting			
2026	-	-			
2027	\$2,000,000	Construction			
2028	-	-			

Source of Funding: General Fund Reserves

Operating Budget Impact now or in future: Reduces the need to continue to nourish the dune with sacrificial sand.



Storm Damage to Coir Roll System after Winter Storm Keenan (Picture taken March 2022)



Storm Damage eroded sand underneath the observation deck after Winter Storm Keenan (Picture taken March 2022)



Close up of Post Nourishment with high tide line staked, indicating a narrow work area between the toe of the dune and the high tide line. Also, the high tide line extends up to and within the toe of the adjacent private stone revetment. Picture taken May 2022.

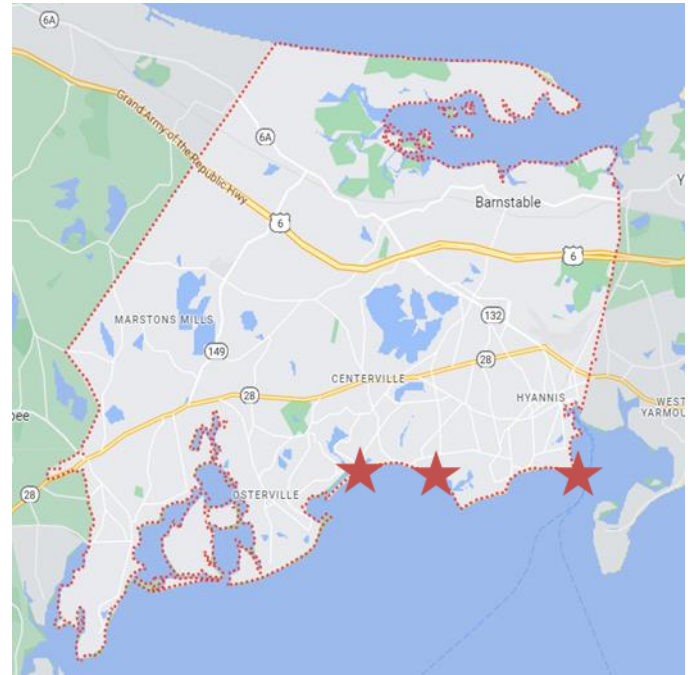
Project Working Title: Automatic Beach Gate Project

Project Location: Kalmus Beach, Covells Beach, Craigville Beach

Project Description: This project replaces manual gates with automatic gates. Beaches to receive automatic gates under this proposal include: Kalmus Beach, Covells Beach, and Craigville Beach.

Project Justification: Currently access to beaches is manually controlled. An attendant needs to show up at each beach location and unlock the gate. The project will allow automatic operation.

Impact of Denial/Postponement:



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting		\$25,000
Construction or Acquisition		\$170,000	-
Project Management		\$25,000	-
Project Contingency		\$17,000	-
All Other Costs		\$3,000	-
Total Project Cost		\$240,000	-

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2025		Design & Permit (months)	8	Construction (months)	18
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$240,000	Design and Construction			
2026	-	-			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: General Fund Reserves

Operating Budget Impact now or in future: This project will reduce the need for paid employees to open and close the beaches.

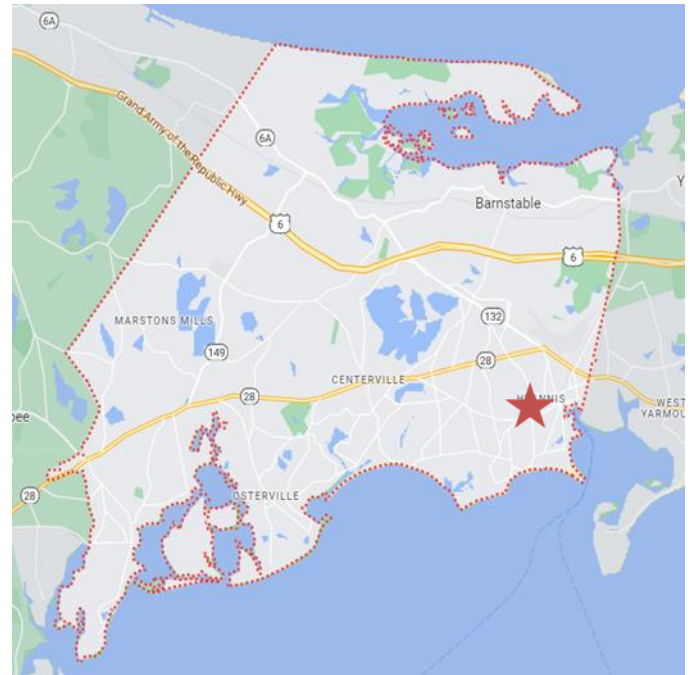


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Project Working Title: Town Hall Elevator Replacement - Design

Project Location: 367 Main Street, Hyannis

Project Description: This project will install a new elevator system at Barnstable Town Hall. The installation of this elevator is based on the recommendation of a recent elevator evaluation by Syska Hennessy Group. In addition to the elevator installation, this project will make improvements to the interior office layouts within the Town Hall. Specifically, Planning and Development, Legal Department, and Town Manager's offices will be reconfigured to optimize space utilization and enhance workflow efficiency.



Project Justification: : The project will ensure compliance with the national elevator code, which mandates the use of Polyvinyl Chloride (PVC) for new elevator installations and replacements. This requirement was introduced in 2003 to enhance safety and durability of hydraulic cylinder elevators. Adhering to the national elevator code is not only a best practice but also a legal requirement. Failure to comply with these safety standards poses significant liabilities and risks. By proactively implementing these standards, we mitigate potential legal issues and ensure the safety of our residents and visitors.

The hydraulic cylinder on the Town Hall elevator cannot be inspected. There is concern that the underground environment surrounding the Town Hall presents several potential problems, particularly related to hydraulic cylinders. The presence of alkalines, sulfur, salt, electric current, and other chemical agents in the soil and groundwater can lead to cylinder corrosion. To mitigate this issue, the project will incorporate modern methods and devices designed to control cylinder corrosion.

Impact of Denial/Postponement: Postponement of improvements will result in increased replacement costs. This project continues a phased approach to interior building improvements.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$250,000	-
	Construction or Acquisition	-	\$1,500,000
	Project Contingency	-	\$150,000
	Project Management	-	\$60,000
	All Other Costs	-	-
	Total Project Cost	\$250,000	\$1,710,000

Basis for Cost Estimates: Engineer-assisted DPW cost estimate.

Project Estimated Completion Date: 2026		Design & Permit (months)	8	Construction (months)	10
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$250,000	Design and Permitting			
2026	\$1,710,000	Construction			
2027	-	-			

2028	-	-
2029	-	-

Source of Funding: General Fund Reserves.

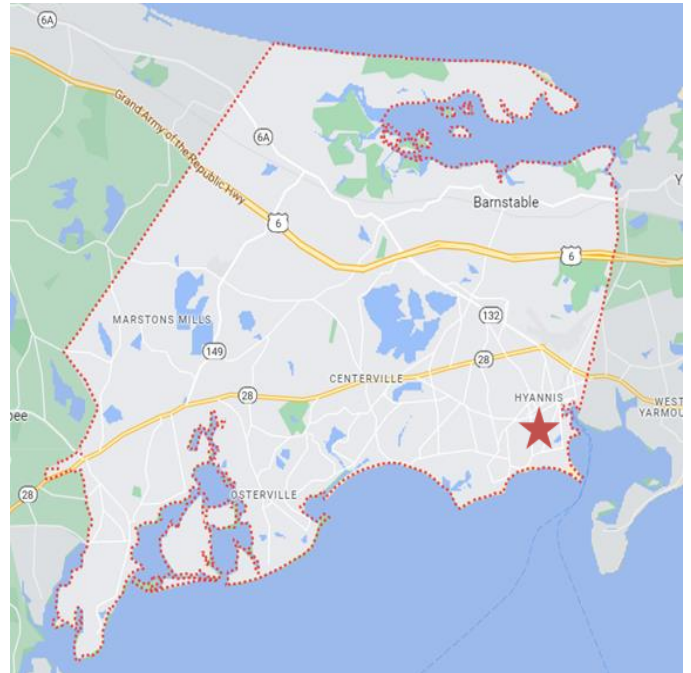
Operating Budget Impact now or in future: Anticipated the project will reduce routine maintenance costs.

Project Working Title: School Administration Building Mechanical Cooling Upgrades – Stage 4

Project Location: 230 South Street, Hyannis

Project Description: Stage 4 work is being requested as part of this FY25 Capital Improvement request and includes a new 250 KW emergency generator and associated electrical connections. Any remaining design funds will be utilized for unforeseen items discovered during the design process or subsequent phases.

Project Justification: Constructed in 1897 and remodeled in the 1960’s and 1980’s many building systems at the School Administration Building are outdated and in need of improvements. Funding for mechanical system improvements was broken into three stages at the request of the finance department in 2018: Stage 1, life safety & emergency mechanical upgrades. Stage 2, HVAC improvements, Stage 3, elevator replacement. Stage 4, 250 KW emergency generator installation. The School Administration Building in Hyannis, Massachusetts, serves as a critical hub for several essential municipal departments, including the school administration, Town of Barnstable human resources, building, health, electric, plumbing inspectional services and associated administration offices, and the conservation department. The need to maintain uninterrupted operations of these departments, especially during power outages caused by storms or other emergencies, is paramount. Therefore, the installation of a 250-kW standby generator is a necessary component of this project.



Impact of Denial/Postponement: The building will continue to be without power during power outages. Municipal services will need to be discontinued during power outages.

Project Cost Estimates:		FY 2025	Future FY
	Design, Permitting	\$54,000	-
	Construction or Acquisition	\$450,000	-
	Project Management	\$40,000	-
	Project Contingency	\$45,000	-
	All Other Cost	\$30,000	-
	Total Project Cost	\$619,000	-

Basis for Cost Estimates: Professional cost estimate

Project Estimated Completion Date: 2025		Design & Permit (months)	8	Construction (months)	15
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$619,000	Design & Construction			
2026	-	-			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: Capital Trust Fund Bond Issue

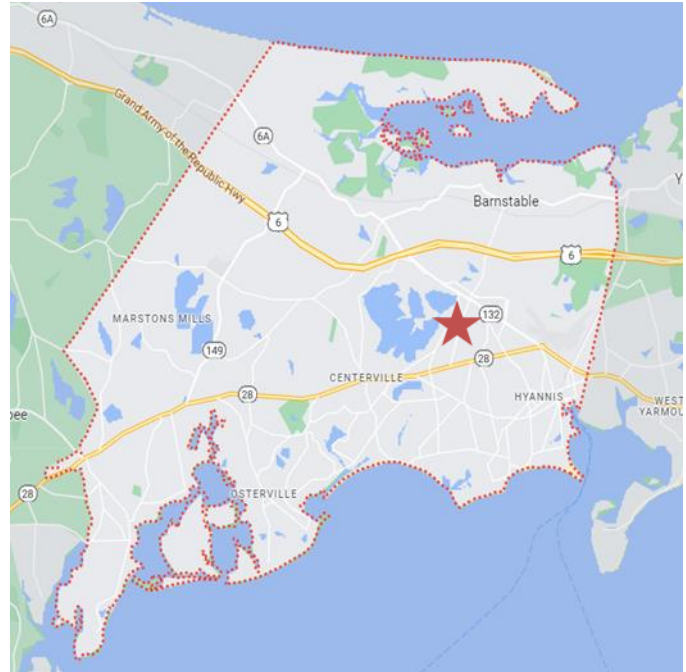
Operating Budget Impact now or in future: There is a 5% to 8% energy savings expected from mechanical upgrades.



Project Working Title: MEA Building Mechanical Improvements

Project Location: 1189 Phinneys Lane, Centerville

Project Description: The Marine and Environmental Affairs building mechanical system is in need of replacement. This project aims to enhance energy efficiency, improve indoor air quality, and ensure reliable temperature control within the facility. The existing system includes two forced hot air furnaces, one of which requires ductwork replacement. The project will also include the installation of air conditioning, new furnaces, condenser units, and an Energy Recovery Ventilator (ERV) for makeup air. FY25 funding will be used for design of system improvements / replacements. FY26 funding will be used for installation.



Project Justification: The current heating and cooling system is outdated and inefficient, leading to excessive energy consumption and operational costs. Replacing it with modern, energy-efficient equipment will result in substantial long-term cost savings.

The replacement of the existing system will ensure consistent and reliable temperature control throughout the facility. This will enhance the comfort of occupants, whether they are researchers, staff, or visitors, and improve overall indoor air quality.

Impact of Denial/Postponement: The existing system will continue to need maintenance and work inefficiently.

Project Cost Estimates:		FY 2025	Future FY
	Design, Permitting & Implementation	\$26,000	-
	Construction	-	\$87,000
	Project Management	\$20,000	\$20,000
	Project Contingency	\$5,000	\$10,000
	All Other Costs	-	-
	Total Project Cost	\$51,000	\$117,000

Basis for Cost Estimates: In-house cost estimate.

Project Estimated Completion Date: 2027		Design & Permit (months)	8	Construction (months)	8
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$51,000	Design			
2026	\$117,000	Construction			
2026	-	-			
2027	-	-			

Source of Funding: General Fund Reserves

Operating Budget Impact now or in future: Anticipated reduction in routine maintenance and reduced energy costs.

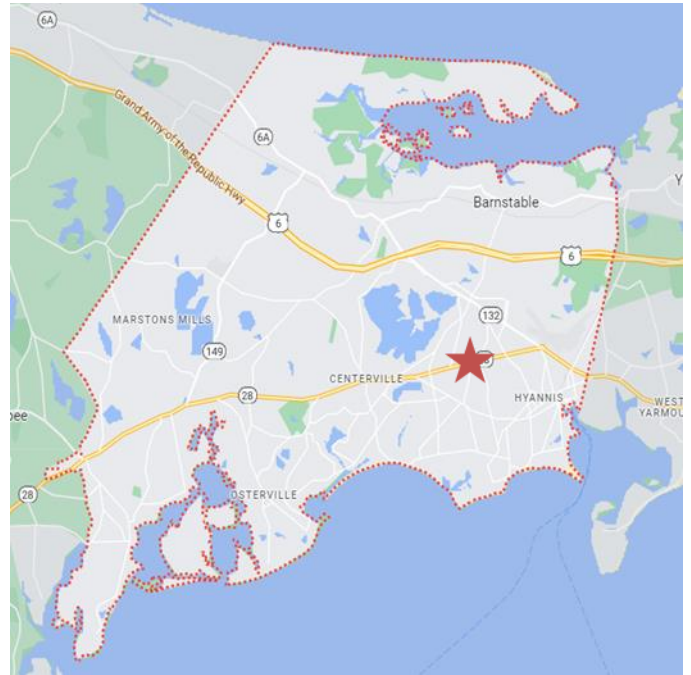


Project Working Title: Barnstable Adult Community Center Mechanical Upgrades

Project Location: 825 Falmouth Road, Hyannis

Project Description: This project involves replacing the existing natural gas-fired furnaces with a state-of-the-art Variable Refrigerant Flow (VRF) electric heating system, along with comprehensive ductwork upgrades. Additionally, the project includes replacing the existing Mitsubishi ductless system for improved heating and cooling performance.

Project Justification: The Barnstable Adult Community plays a crucial role in enhancing the quality of life for the residents of Barnstable. However, the existing natural gas-fired furnaces have reached the end of their useful life and is time to undertake the Heating System Replacement with VRF Electric Heating and Ductwork Upgrade project. The key justifications for this project are: The adoption of a Variable Refrigerant Flow (VRF) electric heating system offers improved energy performance, reduced carbon footprint and long-term energy costs savings.



Impact of Denial/Postponement: The mechanical system will continue to degrade increasing chances of stopping services provided by the facility.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$47,000	-
	Construction or Acquisition	-	\$310,000
	Project Management	\$25,000	\$25,000
	Project Contingency	-	\$31,000
	All Other Costs	-	-
	Total Project Cost	\$72,000	\$366,000

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2025		Design & Permit (months)	10	Construction (months)	10
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$72,000	Design			
2026	\$366,000	Construction			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: General Fund Reserves / Proceeds from Sale of Property

Operating Budget Impact now or in future: Anticipated energy savings.



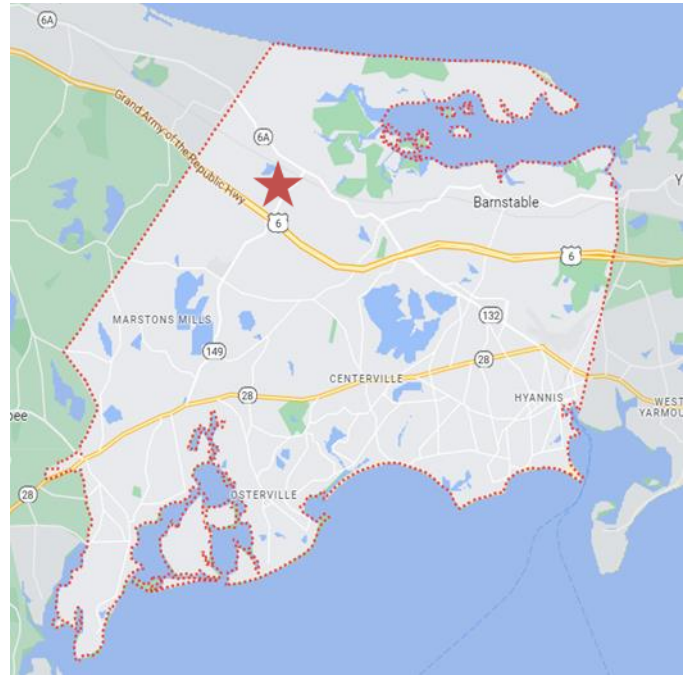
Project Working Title: Old Selectmen’s Building Handicapped Ramp.

Project Location: 2335-2367 Meetinghouse Way, West Barnstable

Project Description: The proposed project aims to install a handicapped ramp that adheres to accessibility standards while preserving the historical significance of the building.

Project Justification: Old Selectmen's Building currently lacks proper access for individuals with disabilities. By installing a handicapped ramp, we address this deficiency, ensuring that the building is accessible to all members of the community, including those with mobility challenges.

Impact of Denial/Postponement: The building will remain inaccessible and will not meet current state or federal codes for accessibility.



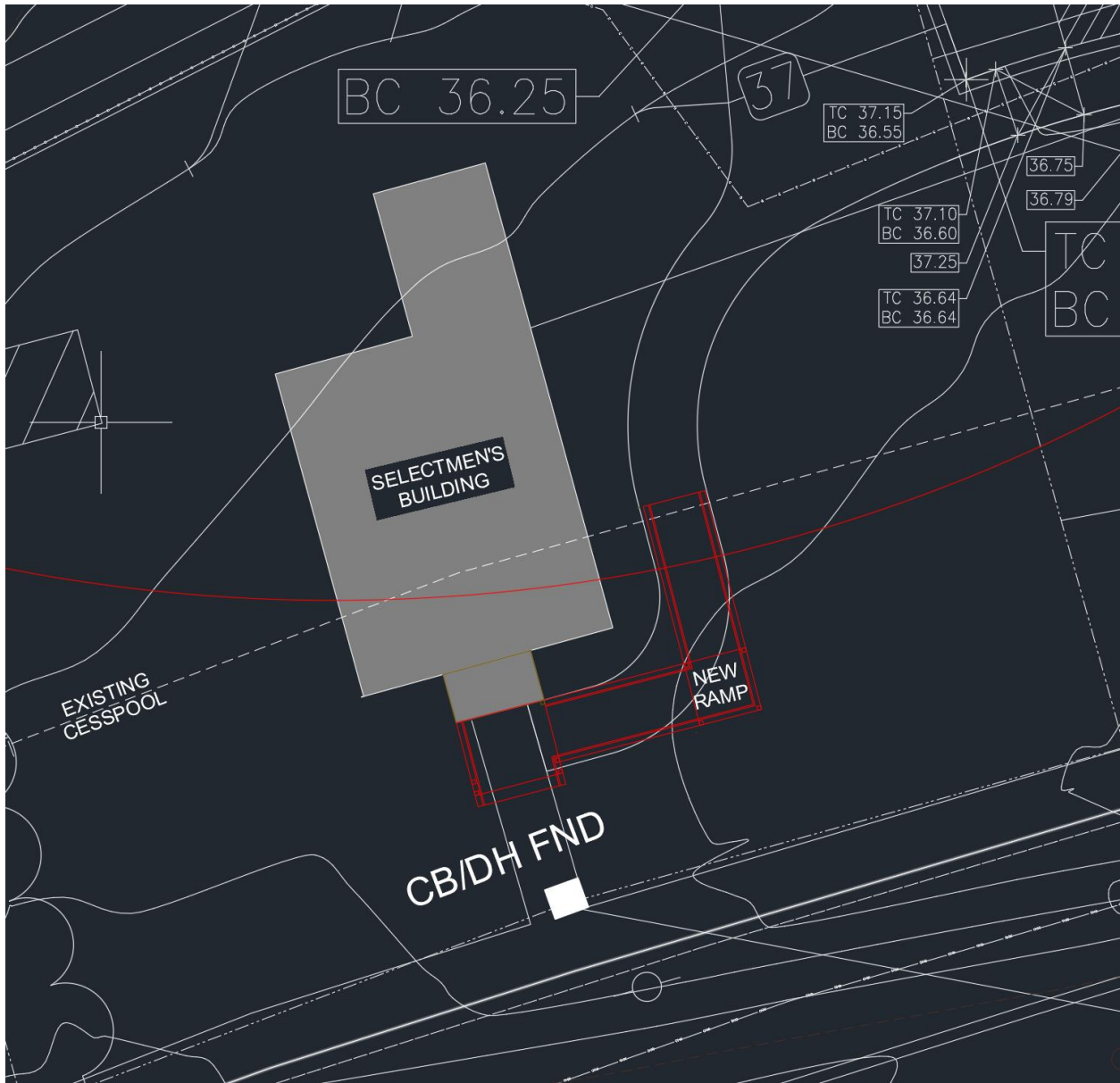
Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$10,000	-
	Construction or Acquisition	\$60,000	-
	Construction Contingency	\$6,000	-
	Project Management	\$10,000	-
	Project Contingency	-	-
	All Other Costs	\$3,000	-
	Total Project Cost	\$89,000	-

Basis for Cost Estimates: In-house estimate.

Project Estimated Completion Date: 2026		Design & Permit (months)	12	Construction (months)	6
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$89,000	Design and Construction			
2026	-	-			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: General Fund Reserves

Operating Budget Impact now or in future: None



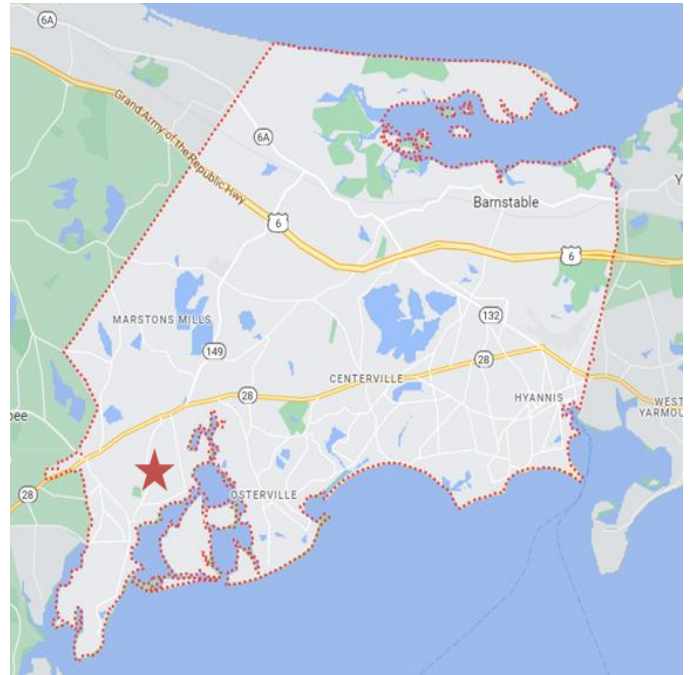
Project Working Title: Mosswood Cemetery Building Improvements

Project Location: Mosswood Cemetery, Putnam Avenue, Cotuit

Project Description: This project is for an addition to the existing building which will add a public accessible entrance, restroom, and an employee locker room with shower to the facility.

Project Justification: Mosswood Cemetery, our largest cemetery, and location of the Town cemetery administration staff has a single inadequate restroom that is used by employees, visitors, and mourners while they conduct business at the office and attend burial services. The renovation will also provide public handicap access to the building.

Impact of Denial/Postponement: We will continue to not have an accessible public restroom or acceptable access to the building. Customers and residents will continue to be inconvenienced by the existing conditions. There will be continued use of inadequate facilities by our employees.



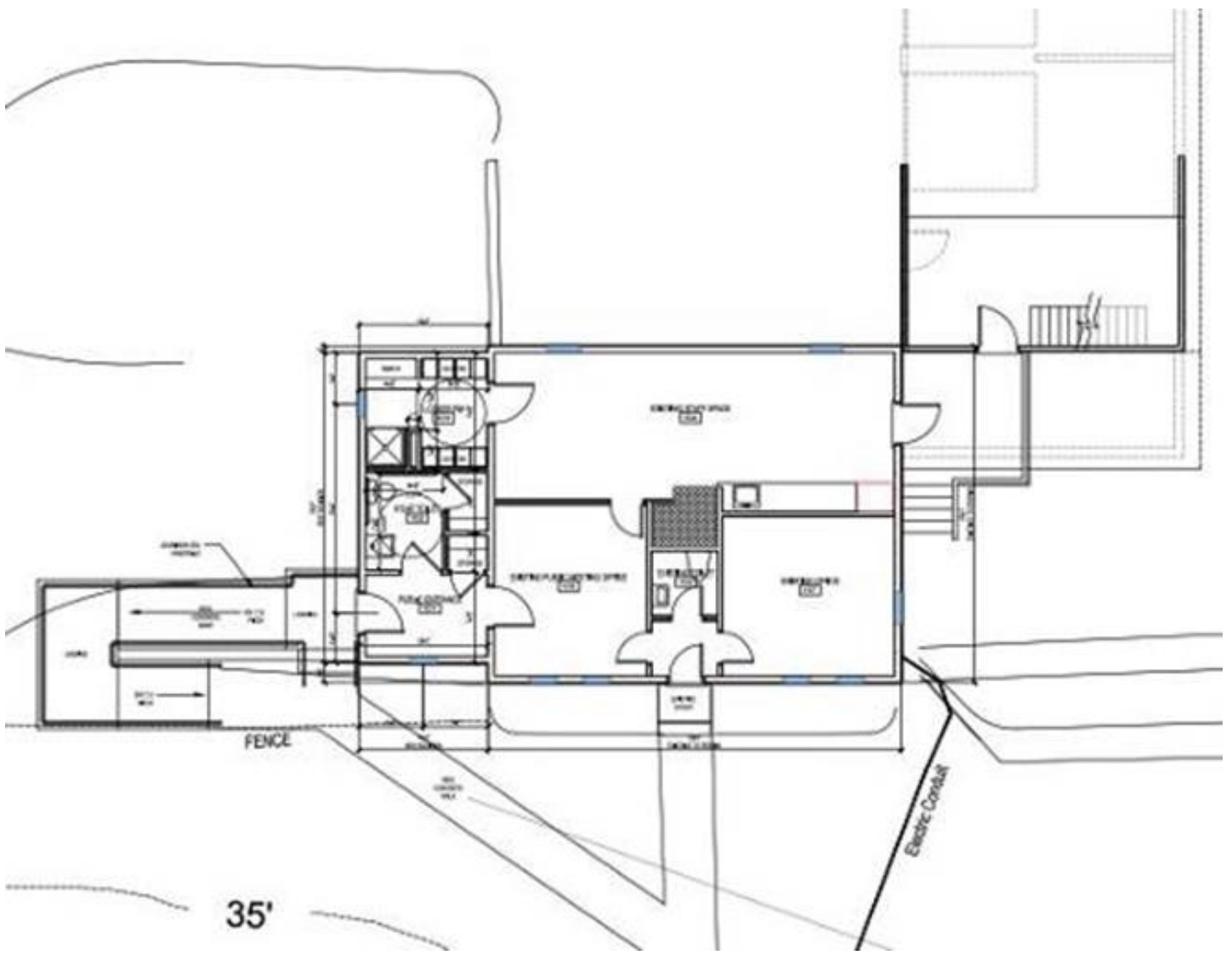
Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$35,000	-
	Construction or Acquisition	-	\$244,635
	Construction Contingency	-	\$25,365
	Project Management	\$30,000	\$30,000
	Project Contingency	-	-
	All Other Costs	\$25,300	-
	Total Project Cost	\$90,300	\$300,000

Basis for Cost Estimates: DPW in-house cost estimate.

Project Estimated Completion Date: 2026		Design & Permit (months)	6	Construction (months)	8
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$90,300	Design & Testing			
2026	-	-			
2027	\$300,000	Construction			
2028	-	-			
2029	-	-			

Source of Funding: General Fund Reserves

Operating Budget Impact now or in future: None



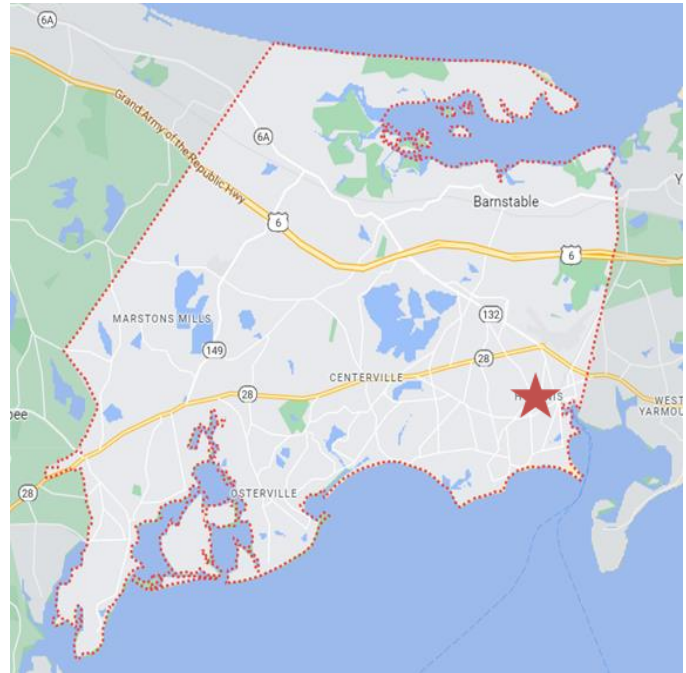
Project Working Title: Town Office Relocation Project

Project Location: School Administration Building and Barnstable Town Hall

Project Description: Improvements to the consolidation and relocation of town offices from 200 Main Street into the School Administration Building and Barnstable Town Hall to accommodate recent office locations.

Project Justification: The Town of Barnstable is in the process of consolidating and relocating offices from 200 Main Street into the School Administration Building and the Barnstable Town Hall. Physical improvements to the building are needed to accommodate the relocation. Customer windows systems, countertops, ballistic protection, door relocations, data and electrical improvements along with security control of the elevators will be implemented as part of the relocation of town departments.

Impact of Denial/Postponement:



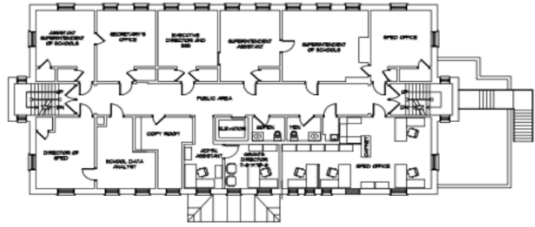
Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$22,824	-
	Construction or Acquisition	\$456,470	-
	Construction Contingency	\$45,647	-
	Project Management	\$36,518	-
	Project Contingency	-	-
	All Other Costs	\$57,300	-
	Total Project Cost	\$618,759	-

Basis for Cost Estimates: In-house estimate

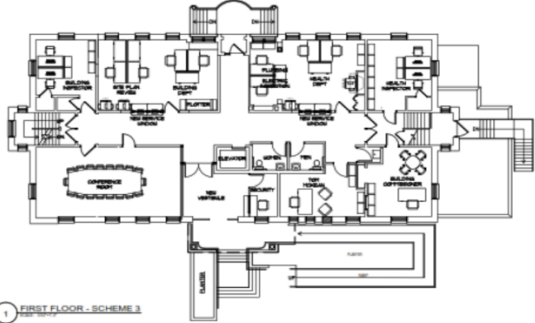
Project Estimated Completion Date: 2026		Design & Permit (months)	8	Construction (months)	18
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$618,759	Design & Construction			
2026	-	-			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: Capital Trust Fund Bond Issue

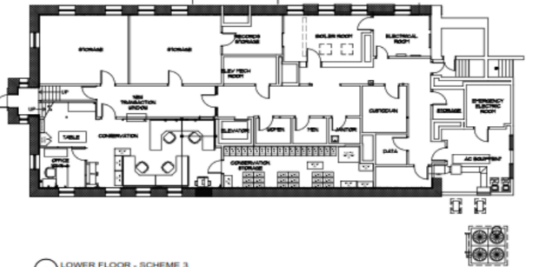
Operating Budget Impact now or in future: None



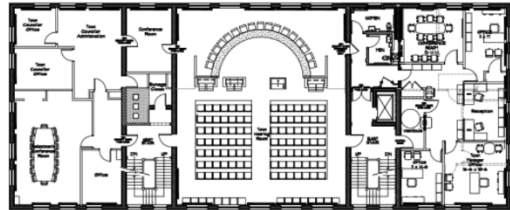
1 SECOND FLOOR - SCHEME 3



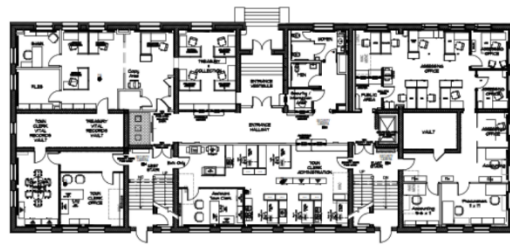
1 FIRST FLOOR - SCHEME 3



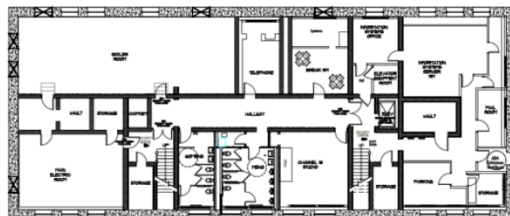
1 LOWER FLOOR - SCHEME 3



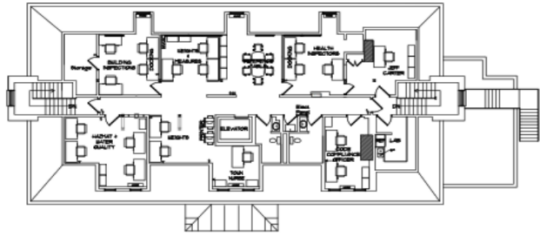
2 SECOND FLOOR - SCHEME 4



2 FIRST FLOOR - SCHEME 4

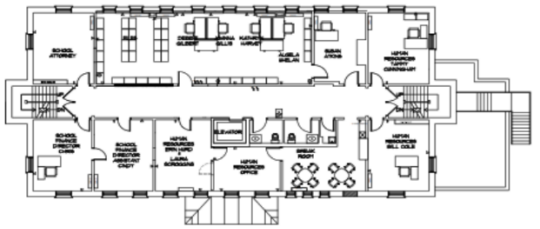


2 BASEMENT PLAN - SCHEME 4

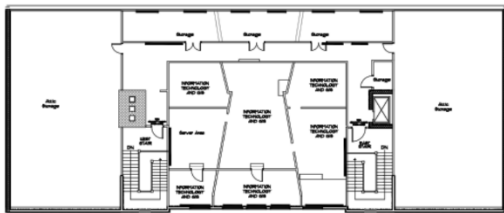


1 FOURTH FLOOR - SCHEME 3

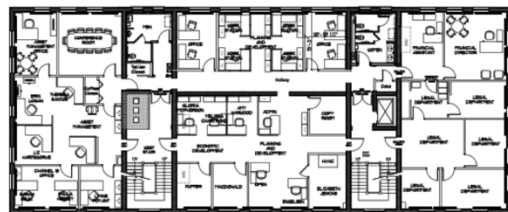
Blue Hatched	Asst. Manager's Office
Green Hatched	City Manager's Office
Yellow Hatched	Director's Office
Red Hatched	City Clerk's Office



1 THIRD FLOOR - SCHEME 3



2 FOURTH FLOOR - SCHEME 4



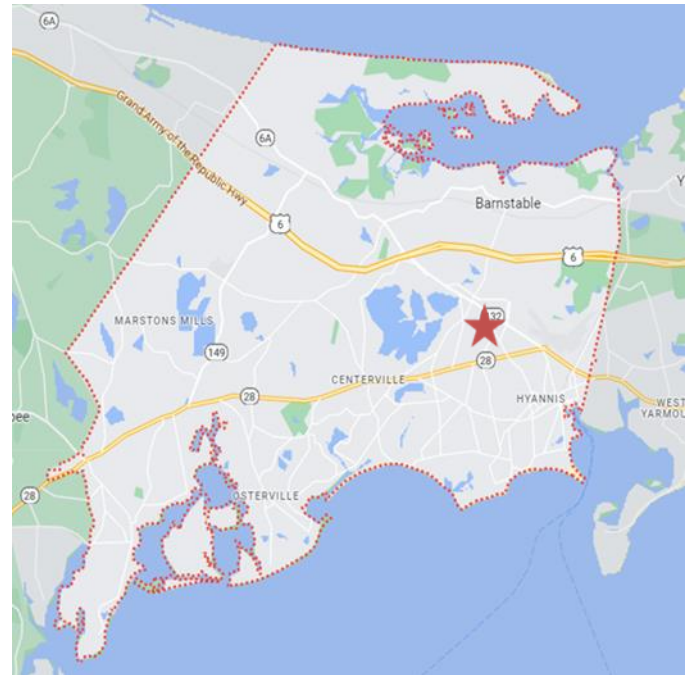
2 THIRD FLOOR - SCHEME 4

Project Working Title: Barnstable Police Department Improvements

Project Location: 1200 Phinney's Lane, Hyannis

Project Description: This project will replace failing window systems, update the cell block, gym, garage, and training room mechanical systems, replace ductless split mechanical units, upgrade the lower-level men’s locker room shower spaces, and replace selected overhead doors. Other plumbing / restroom improvements will be included as the budget allows. The failing chimney will be removed, and selective interior finishes replaced. FY25 funding is for design. FY26 funding for construction.

Project Justification: Erected in 1981, the Police Department Facility operates 7 days a week and 24 hours per day. The facility is the center of law enforcement activity within the Town of Barnstable and its continuous operation takes a toll on building elements. Aged building systems need replacement to keep this building operational for the foreseeable future.



The 1981 aluminum windows have exceeded their lifespan and urgently require replacement. After more than four decades, these windows have developed compromised seals, resulting in reduced insulation efficiency. These window units act as a barrier between inhabitants and the vermiculite wall insulation. The installation of new windows not only mitigates heat loss issues but also addresses vermiculite infiltration.

Mechanical units in the cell block have reached the end of their useful life and are in need of replacement.

A portion of the garage doors are in dire need of replacement along with the garage ventilation system. These upgrades are integral to maintaining the function of the facility.

The existing chimney is cracked and beginning to fail. It is not used for mechanical systems and needs to be removed and the roof patched.

The Police Department Facility's history spans more than four decades, and it's evident that substantial enhancements are essential. To address this, a well-structured project has been devised, segmented into four prioritized phases as recommended by the Police Chief.

Impact of Denial/Postponement: : The potential for vermiculite migration into interior spaces will continue. The succession of improvements to the existing facility will stall.

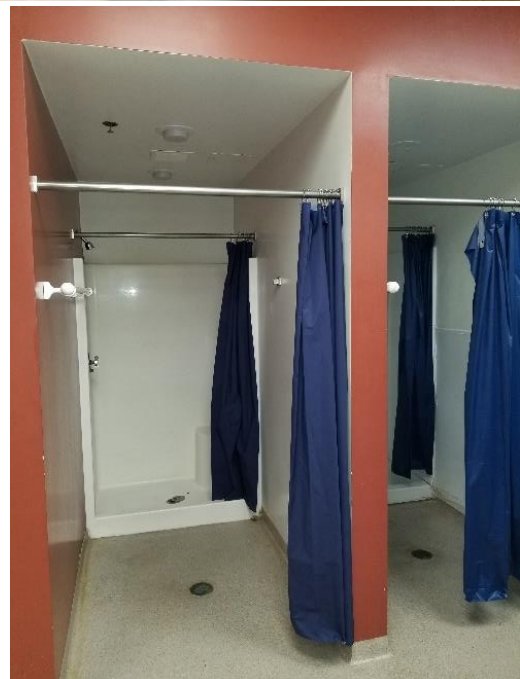
Project Cost Estimates:	FY 2025	Future FY
Design & Permitting	\$240,000	\$250,000
Construction or Acquisition	-	\$4,000,000
Project Management	\$50,000	\$90,000
Project Contingency	\$30,000	-
All Other Cost	\$50,000	\$30,000
Total Project Cost	\$370,000	\$4,770,000

Basis for Cost Estimates: Architect-assisted in-house estimate.

Project Estimated Completion Date: 2026		Design & Permit (months)	8	Construction (months)	TBD
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$370,000	Design: Windows, Mechanical, Shower Improvements, Garage			
2026	\$2,350,000	Construction: Windows, Mechanical, Shower Improvements, Garage			
2027	\$2,690,000	Interior Improvements			
2028	-	-			
2029	-	-			

Source of Funding: General Fund Reserves

Operating Budget Impact now or in future: Anticipated energy savings, this project continues restoration of an existing facility, limiting the need for a new facility at greater cost.



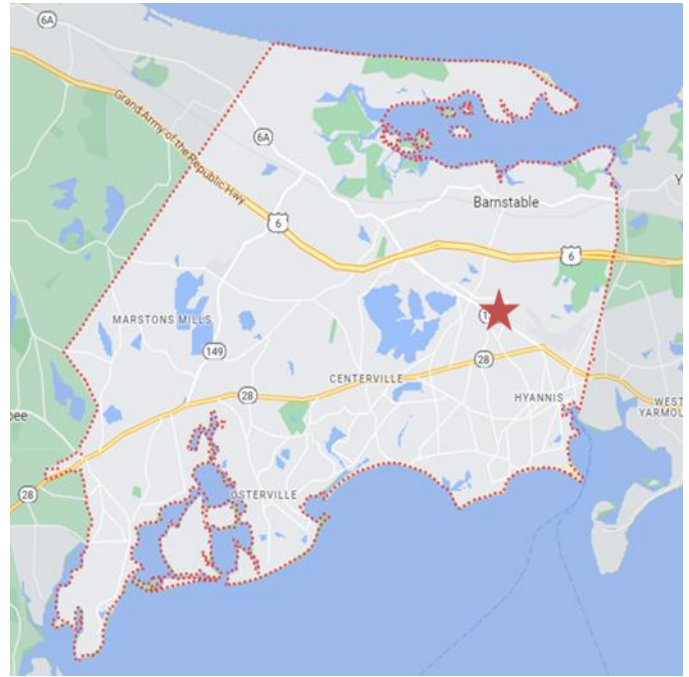
Project Working Title: MEA Building Exterior Restoration

Project Location: 1189 Phinney's Lane, Centerville MA 02632

Project Description: Roof repair, siding, and window replacement.

Project Justification: Constructed in 1986 the building has been heavily used and modified. The roof needs to be coated, in addition to the siding and windows repaired or replaced.

Impact of Denial/Postponement: Exterior materials will continue to degrade, increasing future remediation costs.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting		\$26,125
Construction or Acquisition		\$261,248	-
Project Management		\$26,125	-
Project Contingency		\$26,125	-
Other Costs		\$20,000	-
Total Project Cost		\$359,623	-

Basis for Cost Estimates: In-house estimate.

Project Estimated Completion Date: 2025		Design & Permit (months)	6	Construction (months)	8
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	359,623	Design & Construction			
2026	-	-			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: General Fund Reserves

Operating Budget Impact now or in future: Anticipated savings in routine maintenance.

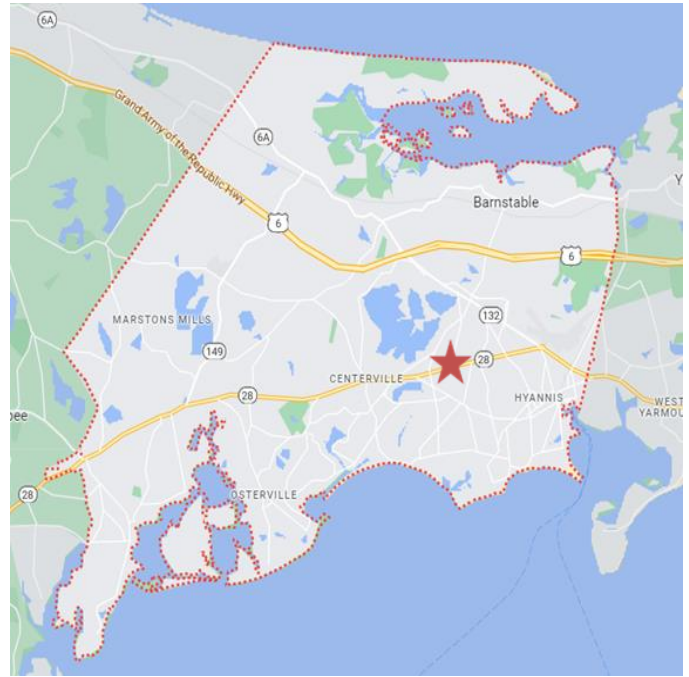


Project Working Title: Barnstable Adult Community Center Exterior Restoration

Project Location: 825 Falmouth Rd, Hyannis, MA

Project Description: This project aims to assess and replace various exterior components of the Barnstable Adult Community Center, including trim, siding, exterior doors, asphalt roof, rear second-floor deck, gutters, penetrations, attic ventilation, and address issues related to animal infiltration. It is expected that additional items needing repair will be discovered and included during the project.

Project Justification: This project will protect against water infiltration and ensure the safety of the Barnstable Adult Community Center. Deteriorated and damaged exterior elements, such as trim, cedar shingle siding, and roofing, pose water infiltration risks to the structure. Upgrading the exterior elements will enhance the building’s energy efficiency. New roofing, insulation, and attic ventilation systems will result in reduced energy consumption and lower utility bills, contributing to the center’s sustainability and environmental responsibility.



Impact of Denial/Postponement: Currently there are unaccounted for keys to the community buildings. Community building security will continue to be compromised.

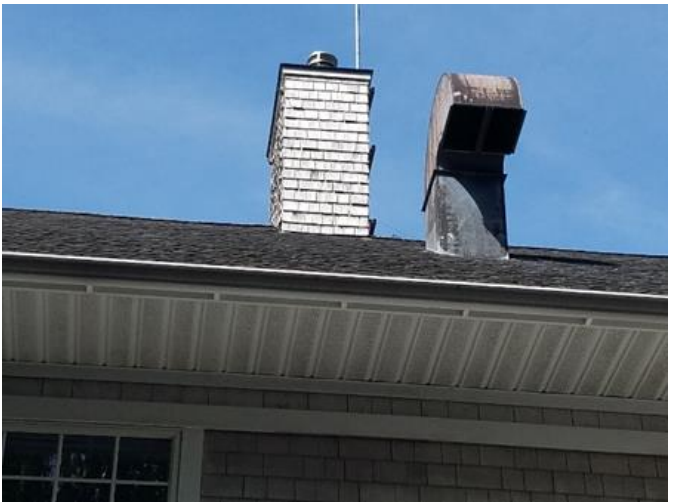
Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$48,000	\$25,000
	Construction or Acquisition	-	\$605,000
	Construction Contingency	-	\$60,000
	Project Management	-	\$53,000
	Project Contingency	-	-
	All Other Costs	-	-
	Total Project Cost	\$48,000	\$743,000

Basis for Cost Estimates: In-house Estimate

Project Estimated Completion Date: 2026		Design & Permit (months)	6	Construction (months)	8
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$48,000	Design			
2026	\$743,000	Construction and Roof Replacement			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: Proceeds from the Sale of Property

Operating Budget Impact now or in future: None



Project Working Title: Hyannis Youth and Community Center Facility Mechanical Improvements

Project Location: 141 Bassett Ln, Hyannis

Project Description: This project has been divided into multiple years of work, each addressing specific elements of repair as identified by consultants. This project continues to replace, and upgrade worn mechanical systems as discovered under analysis funded in FY20.

FY25 funding will develop construction documents to replace the MAU1 unit which provides makeup air to parts of the building along with DH1 dehumidification system and associated duct work modifications. Currently these units are not providing adequate services to the interior spaces. An interlock with the kitchen vent system will be installed to meet current building code requirements. Any remaining project funds will be used to implement improvements scheduled for the following years and other items that require replacement as deemed appropriate.

FY26 funding for construction of FY25 design.

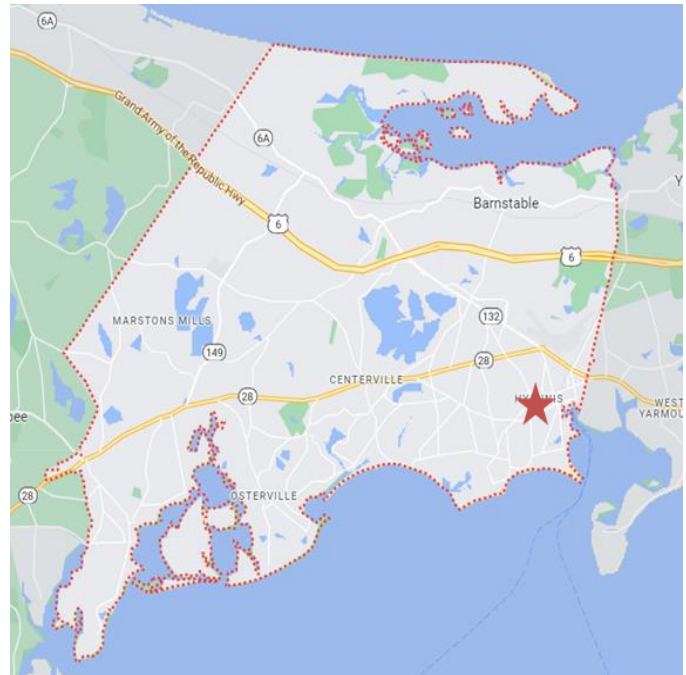
FY27 funding will upgrade the Alerton mechanical control system.

FY28 funding will address interior finish and life safety element replacements as outlined in the facility management plan completed by Facility Dude in 2018, and add Air-conditioning to the Rink 2

Project Justification: The Department Of Public Works assumed maintenance responsibilities for the Hyannis Youth and Community Center in October of 2016. DPW immediately commissioned a facility condition assessment to develop a comprehensive action plan. This capital improvement program is based on that engineering evaluation. Engineering funds appropriated in FY19 have been used to engineer replacement of deteriorated building and mechanical elements. Funding in FY20 replaced portions of the flat roof and provided for mechanical designs. Funding in FY21 replaced shingled roof systems and designs for improved police presence. FY22 and FY23 funding replaced critical mechanical units. FY24 funds will replace unit ERV 2. FY25 funding continues the improvement effort with replacement of MAU1 and DH1 units which serve the Kennedy Rink and other parts of the building.

Impact of Denial/Postponement:

Continued deterioration of indoor air quality, temperature, and humidity control.



Project Cost Estimates:	FY 2025	Future FY
Design & Permitting	\$190,000	\$219,756
Construction or Acquisition	-	\$3,315,887
Construction Contingency	-	\$335,526
Project Management	\$80,000	\$178,171
Project Contingency	\$20,000	-
All Other Costs	\$10,000	\$30,000
Total Project Cost	\$300,000	\$4,079,340

Basis for Cost Estimates: In-House Estimates.

Project Estimated Completion Date: 2025		Design & Permit (months)	12	Construction (months)	-
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$300,000	Design: MAU1, DH1 replacement			
2026	\$1,765,625	Construction: MAU1, DH1			
2027	\$1,764,688	Control system upgrades, AC Butler Rink			
2028	\$549,028	Interior improvements per facility management plan.			
2029	-	-			

Source of Funding: General Fund Reserves.

Operating Budget Impact now or in future: TBD

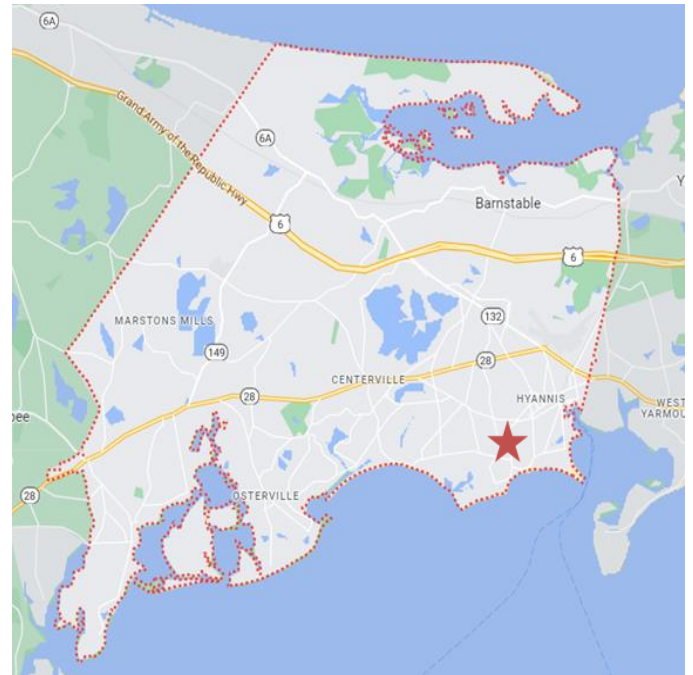


Project Working Title: HYCC Security System Upgrade

Project Location: Hyannis Youth and Community Center, 141 Bassett Ln, Hyannis

Project Description: Physical and digital upgrades to the existing Paradox access control system.

Project Justification: Completed in 2009 the buildings security system is thirteen years old. Upgrades to the system are now needed. The existing access control system is currently managed in-house. Changes in personnel has made it difficult to maintain. Structures and grounds is centralizing access control of all buildings managed by the Department, this project will install panic alarms at various locations in the building. Upgrades to hardware and communication to an on-line control system are now required.



Impact of Denial/Postponement:

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$25,038	-
	Construction or Acquisition	\$208,656	-
	Construction Contingency	\$20,865	-
	Project Management	\$30,000	-
	Project Contingency	-	-
	All Other Costs	\$500	-
	Total Project Cost	\$285,059	-

Basis for Cost Estimates: In-House Estimates.

Project Estimated Completion Date: 2025		Design & Permit (months)	6	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$285,059	Design / Construction			
2026	-	-			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: General Fund Reserves.

Operating Budget Impact now or in future: None



Project Working Title: Hyannis Golf Course Club House Restoration

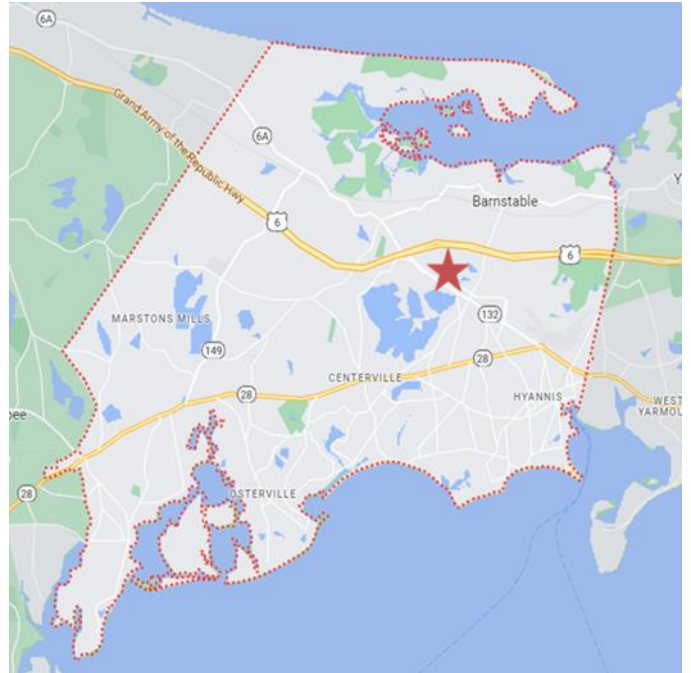
Project Location: 1800 Iyannough Road / RTE 132, Hyannis

Project Description: The Hyannis Golf Course Club House Restoration project is dedicated to restoring and upgrading the club house, originally built in 1975, which sustained extensive damage due to flooding resulting from a ruptured water pipe in the winter of 2023.

Due to the extent of damage the existing building needs to be brought up to code as part of the reconstruction.

The following items of work are part of the project.

- Asbestos sheet rock abatement of water damaged areas
- Updated bathroom layout to meet ADA requirements.
- Installation of a handicapped lift to meet accessibility requirements.
- Installation of a fire suppression system and water service to meet current codes.
- Reconfiguration of the basement space to meet exit code requirements.
- Expansion of the pro-shop and office space improvements
- Updated fire alarm system
- Interior finish upgrades



The town has been working with the insurance company for a settlement which should cover the majority of the construction costs, however, now is the time to make operational improvements to the building as part of the reconstruction. Those additional costs would need to be paid for with Golf Funds

Project Justification: The restoration of the Hyannis Golf Course Club House are paramount for the continued successful operation of the golf course. This facility houses critical components that are integral to the golf course's daily functions and the overall experience of golfers and visitors. The extensive damage to the building has rendered it unusable.

The club house serves as the central administrative hub for both the Hyannis Golf Course and the Barnstable Fairgrounds Golf Course. It houses golf administration offices, a pro shop, conference center and a commercial kitchen. These components are essential for the efficient management and coordination of golf operations and need to be restored.

While insurance coverage will assist in mitigating most of the financial burden, it is imperative that we seize this opportunity to not only repair damages but also make necessary improvements. These enhancements will elevate the golf course's function to both local and visiting golf enthusiasts. The majority of the cost of this project is expected to be covered by the insurance claim. Because the repair to the building is so extensive, now is the time to reconfigure some of the operational elements. Revised bathroom layout, expanded pro-shop, and office improvement costs will need to be paid for through golf operations funding.

Impact of Denial/Postponement: The building is currently not usable. If funding is not approved the building cannot be put back into service.

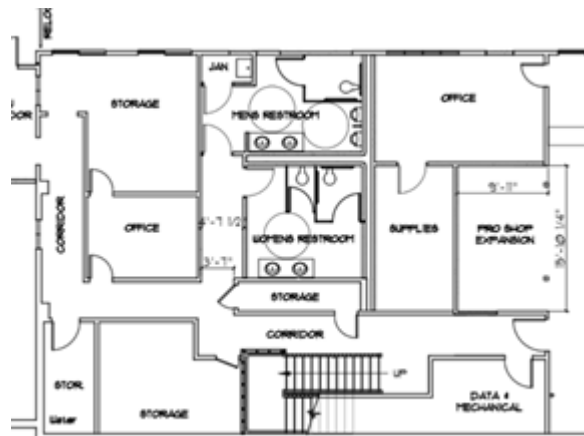
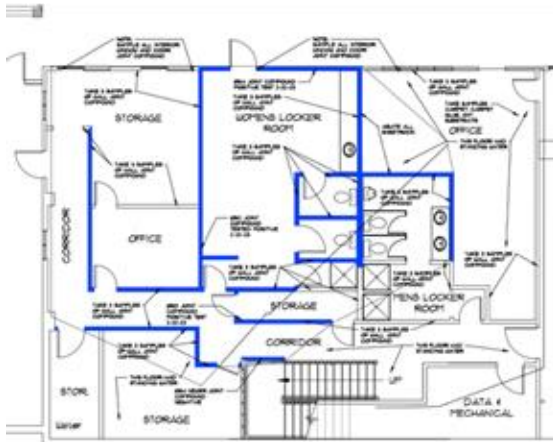
Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$170,000	-
	Construction or Acquisition	\$2,400,000	-
	Construction Contingency	\$240,000	-
	Project Management	\$90,000	-
	Project Contingency	-	-
	All Other Costs	\$50,000	-
Total Project Cost	\$2,950,000	-	

Basis for Cost Estimates: In-house cost estimate.

Project Estimated Completion Date: Sept 2025	Design & Permit (months)	6	Construction (months)	8
Cost/Description FY 2025 and Follow-On Years:				
Fiscal Year	Cost	Project Description/Components		
2025	\$2,950,000	Design and Restoration		
2026	-	-		
2027	-	-		
2028	-	-		
2029	-	-		

Source of Funding: Insurance Recovery Funds and Enterprise Reserves

Operating Budget Impact now or in future: N/A



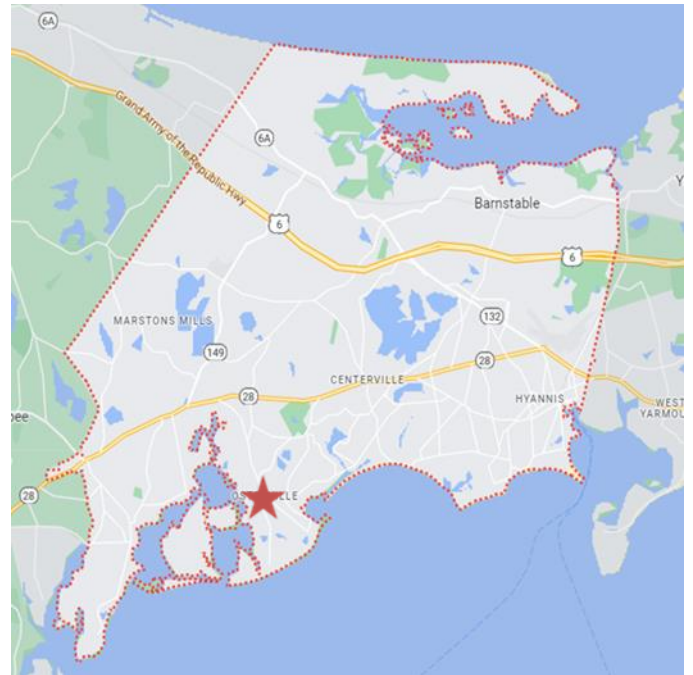


Project Working Title: Joshua's Pond Handicap Accessibility and Beach Improvements - Design

Project Location: 290 Tower Hill Road, Osterville

Project Description: The Joshua's Pond Park Handicapped Accessibility and Beach Enhancement Project aims to improve access to the beach area at Joshua's Point Park while addressing erosion issues and ensuring that the park is accessible to individuals with disabilities. The project will fund design and permitting to construct a handicapped accessible walkway and ramp from the parking lot to the beach, stabilize the embankment between the parking lot and the beach, and enhance the beach by increasing its area and elevation with respect to fluctuating water levels.

Project Justification: The Joshua's Pond Park Handicapped Accessibility and Beach Enhancement Project addresses critical needs and offers numerous benefits to both the community and the environment. It will ensure equal access for all members of the community, including individuals with disabilities. The lack of handicapped accessibility at the park currently excludes a portion of the population from enjoying its natural beauty and recreational opportunities. By constructing an ADA-compliant ramp and installing walkways, the project will promote social equity, allowing everyone to experience the park's offerings.



Additionally, the project will address the erosion of the embankment between the parking lot and the beach which is a pressing issue that requires immediate attention. Stabilizing the embankment will prevent further damage, acting as a safeguard for the park's infrastructure, and protecting the local ecosystem.

Impact of Denial/Postponement: Continuing the liability of user groups attempting to use the inadequate infrastructure to traverse onto the beach safely, and the possibility that the beach may have to be closed for public safety due to the compromised slope armoring.

Project Cost Estimates:	FY 2025	Future FY
Design & Permitting	\$275,000	-
Construction or Acquisition	-	\$1,481,000
Construction Contingency	-	\$149,000
Project Management	\$30,000	40,000
Project Contingency	-	-
All Other Costs	-	-
Total Project Cost	\$305,000	\$1,670,000

Basis for Cost Estimates: DPW Engineering Dept.

Project Estimated Completion Date: 2027		Design & Permit (months)	12	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$305,000	Design & Permitting			
2026	\$1,670,000	Construction			

2027	-	-
2028	-	-
2029	-	-

Source of Funding: General Fund Reserves

Operating Budget Impact now or in future: None



Project Working Title: Centerville Recreation Mechanical Improvements

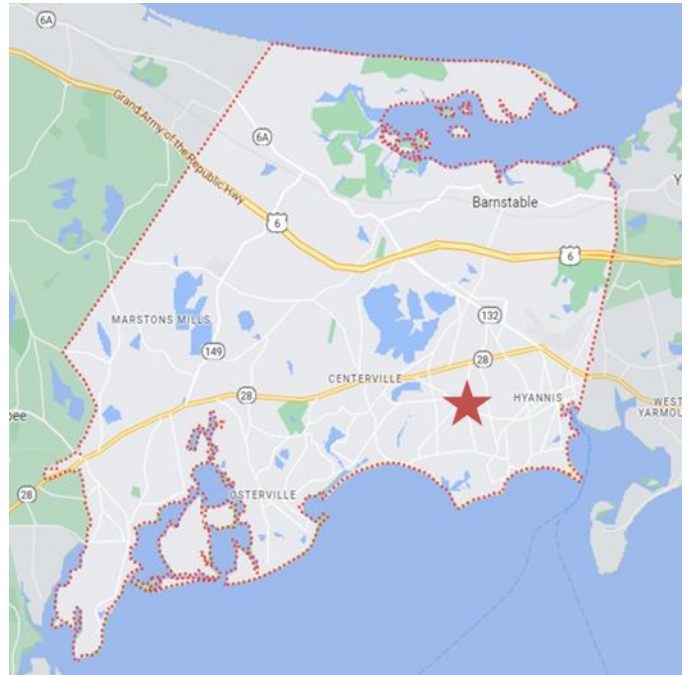
Project Location: 524 Main Street, Centerville

Project Description: The Centerville Community Building Mechanical Improvement Project encompasses a series of critical upgrades and improvements to revitalize this historic facility. The following items will be updated and addressed in various phases of the project:

FY25 - Design for the conversion of the steam heating system to a hot air heat system. The boilers will be replaced along with thermostats and all piping. Work will include the replacement of the failed makeup air system which is located in the attic. Air conditioning will be added to the mechanical system. Additional issues such as hazardous materials abatement will be addressed as discovered during the work.

Project Justification: The Centerville Community Building was originally built in 1880. Over the years, the interior of the building has suffered from deferred upgrades, leading to issues with heating and ventilation. The replacement of the steam heat boiler and the makeup air system will dramatically improve the comfort and functionality of the facility, making it more inviting for residents and visitors alike.

The installation of a modern hot water heating system and attic insulation will significantly reduce energy consumption and associated costs. These improvements align with our town's commitment to sustainability and fiscal responsibility.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$155,000	\$111,134
	Construction or Acquisition	-	\$2,218,718
	Construction Contingency	-	\$221,872
	Project Management	\$40,000	\$95,566
	Project Contingency	\$8,000	-
	All Other Costs	\$40,000	\$123,900
	Total Project Cost	\$243,000	\$2,771,190

Basis for Cost Estimates: In-house Architect Estimate

Project Estimated Completion Date: 2024		Design & Permit (months)	6	Construction (months)	6
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$264,412	Steam heat conversion to hot water and AC design			
2026	\$1,491,863	Steam heat conversion to hot water and AC installation			
2027	\$813,604	Interior restoration to remainder of building			
2028	\$397,303	Complete window replacement			
2029	\$68,420	Attic insulation			

Source of Funding: General Fund Reserves

Operating Budget Impact now or in future: TBD



Project Working Title: IT Network Infrastructure Upgrades

Project Location: 18 sites located within Town buildings across the Town.

Project Description: The Town's IT network infrastructure consists of roughly 45 network "switches" installed within Town buildings, as well as the wiring that connects them all together. This network forms the backbone for all data flowing to and from the PCs, servers, printers, and other electronic devices located across Town facilities.

Most of the network switches have now reached the end of their service life and are due for replacement. Several of these devices have failed in recent years, and obtaining replacement parts has become increasingly difficult. Were a critical piece of equipment to fail, an extended network outage could result if replacement parts were not readily available. This risk is continually increasing the longer that the outdated equipment is left in service.

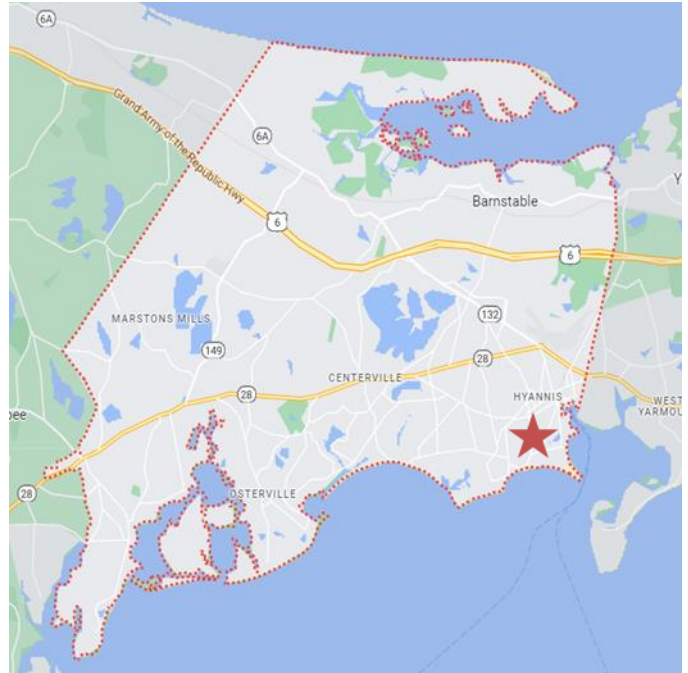
This project would replace the outdated networking equipment with modern devices that have improved performance, better security, lower power consumption, and that would be fully supported by the manufacturer.

In addition to replacing the aging equipment, this project would also reconfigure and modernize the Town's overall network architecture. The Town's current network has been built upon, and added onto over the years, resulting in a mixture of configurations with some inefficiencies in how data flows between the various Town facilities. There is an opportunity to make significant improvements to the overall design of the network, which would result in enhanced security, improved performance, simplified central management, and adherence to modern industry best practices. These improvements would be accomplished by developing a new overall network design for how data flows between locations, and then implementing that design by configuring the networking equipment across Town facilities.

Project Justification: The current networking equipment has been in place for many years, in most cases for more than 10 years. While much of this equipment still functions, most of it has reached end of life status with the manufacturer. It will become increasingly difficult to service this equipment and to obtain replacement parts. As the equipment continues to age, we have experienced more frequent failures, and this trend will likely continue. If a critical piece of equipment were to fail and replacement parts were not readily available, a significant network outage could occur disrupting Town operations. In addition to higher reliability, the new networking equipment would also offer better performance, better network security, and reduced power consumption.

Aside from the replacement of outdated equipment, this project would also reconfigure the overall design of how data flows through the network. This would allow us to better adhere to industry best practices while improving network security, performance, and simplified central management.

Impact of Denial/Postponement: If this project is denied or postponed, we will continue to use the existing end-of-life networking equipment. As more time passes, this equipment will have increasingly higher failure rates due to its age. When equipment breaks, it will become increasingly difficult to make repairs or obtain replacement parts. If a critical piece of equipment were to fail, a significant network outage could occur disrupting Town operations.



Also with the existing network design, we are not taking advantage of current best practices, which leaves us with reduced network performance, increased security risk, and more effort needed to manage and maintain the system.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	-
	Construction or Acquisition	\$ 165,000	\$ 535,000
	Construction Contingency	-	-
	Project Management	\$ 10,000	\$ 40,000
	Project Contingency	-	-
	All Other Costs	-	-
	Total Project Cost	\$ 175,000	\$ 575,000

Basis for Cost Estimates: In FY2024 a comprehensive assessment of the Town’s networking infrastructure was completed. This assessment included physical inspection of all network equipment, as well as a review of the overall network architecture based on adherence to industry best practices for security, performance, and reliability. A remediation plan and cost estimate were then developed to address the findings of the assessment.

Project Estimated Completion Date: 2029		Design & Permit (months)	-	Construction (months)	60
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$ 175,000	Replace Town Hall core switch & DPW Admin. switch			
2026	\$ 150,000	Replace network switches at 4 locations			
2027	\$ 150,000	Replace network switches at 3 locations			
2028	\$ 150,000	Replace network switches at 7 locations			
2029	\$ 125,000	Replace network switches at 4 locations			

Source of Funding: General Fund Reserves

Operating Budget Impact now or in future: None



Example of Outdated Network Switch in Town Hall

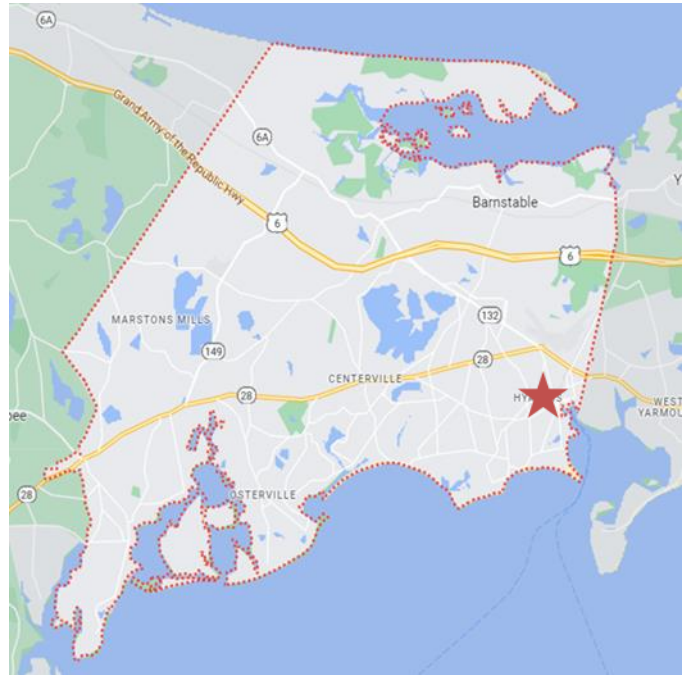
Project Working Title: Elevator Installation

Project Location: Barnstable Community Innovation School (BCIS)

Project Description: The goal of this project is to install two elevators at Barnstable Community Innovation School. This will include a shaft and mechanical room. This request will provide funding for both the design and construction phases of this project. The outcome will provide more reliable operation and accessibility of the second floor, gym and cafeteria to all staff and students.

Project Justification: Upgrading from a failing chair lift system to elevators at Barnstable Community Innovation School is necessary for the following reasons:

- **Safety:** A failing chair lift system poses a serious safety hazard to students, staff, and visitors. Chair lifts can break down suddenly, leaving riders stranded. They can also be difficult to use for people with disabilities or mobility issues. Elevators are a much safer and more reliable way to transport people between floors.
- **Accessibility:** Elevators are essential for making Barnstable Community Innovation School accessible to all students and staff, regardless of their abilities. Students with disabilities, such as those who use wheelchairs or walkers, should be able to move freely around the school without having to rely on others for assistance. Elevators would also make it easier for staff members to transport heavy equipment or supplies between floors.
- **Equity:** All students deserve to have access to a safe and accessible learning environment. A failing chair lift system creates a barrier to access for students with disabilities. Upgrading to elevators would ensure that all students have equal opportunity to participate in all aspects of school life.
- **Cost-effectiveness:** In the long run, upgrading to elevators will be more cost-effective than repairing a failing chair lift system. Chair lifts require frequent repairs and maintenance, which can be expensive. Elevators are more durable and require less maintenance.



In addition to the above reasons, upgrading to elevators would also send a message to the community that Barnstable Community Innovation School is committed to providing a safe and inclusive learning environment for all students.

Impact of Denial/Postponement: BCIS will continue to have inequitable access to students and staff.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$100,000	-
	Construction or Acquisition	\$700,000	-
	Construction Contingency	-	-
	Project Management	-	-
	Project Contingency	\$100,000	-
	All Other Costs	-	-
	Total Project Cost	\$900,000	-

Basis for Cost Estimates: 3rd Party Estimating Via our Facilities Condition Assessment.

Project Estimated Completion Date: 2026		Design & Permit (months)	8	Construction (months)	18
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$900,000	Construction			
2026	-	-			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: Capital Trust Fund Bond Issue

Operating Budget Impact now or in future: None



Project Working Title: Playground Safety

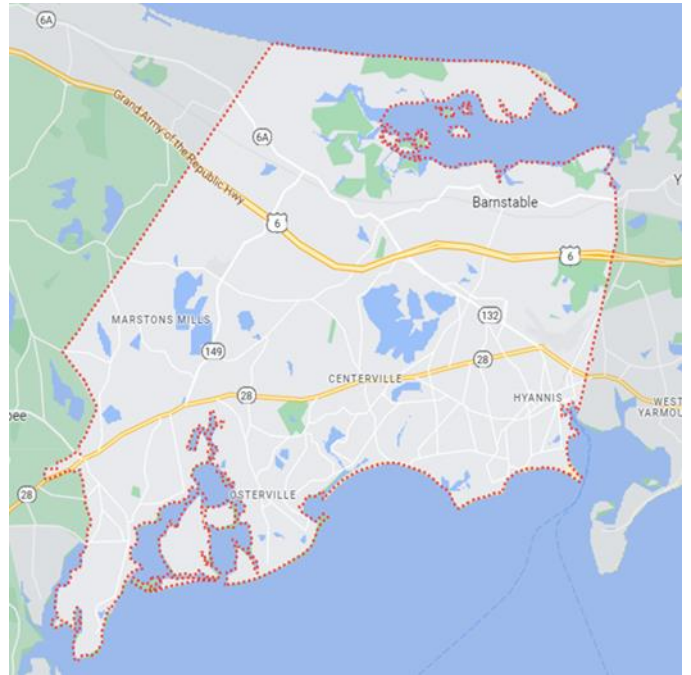
Project Location: All BPS Schools

Project Description: The objective of this project is to increase safety to the BPS playgrounds. Adding rubber matting to assist with the wood fiber surfacing being moved around. Also, replacement of failing pieces of equipment.

Project Justification: Playground matting is an essential safety feature for any playground. It helps to cushion falls and absorb impact, which can reduce the risk of serious injuries.

Here are some of the specific benefits of funding playground matting for safety:

- **Reduced risk of injuries:** Playground matting can help to reduce the risk of serious injuries, such as concussions, fractures, and spinal cord injuries.
- **Improved safety for all children:** Playground matting can help to improve safety for all children, regardless of their abilities. This is because it provides a soft, cushioned surface to fall on, even for children with mobility challenges.
- **Increased accessibility:** Playground matting can help to make playgrounds more accessible to all children, including children with disabilities. This is because it provides a smooth, even surface that is easy to navigate with wheelchairs and other mobility devices.
- **Reduced maintenance costs:** Playground matting can help to reduce maintenance costs for playgrounds. This is because it helps to protect the playground surface from damage, such as erosion and wear and tear.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	-
	Construction or Acquisition	\$550,000	-
	Construction Contingency	-	-
	Project Management	-	-
	Project Contingency	-	-
	All Other Costs	-	-
	Total Project Cost	\$550,000	-

Basis for Cost Estimates: 3rd Party Estimating Via our Facilities Condition Assessment.

Project Estimated Completion Date: 2025		Design & Permit (months)	3	Construction (months)	6
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$550,000	Construction			
2026	-	-			
2027	-	-			

Operating Budget Impact now or in future: None

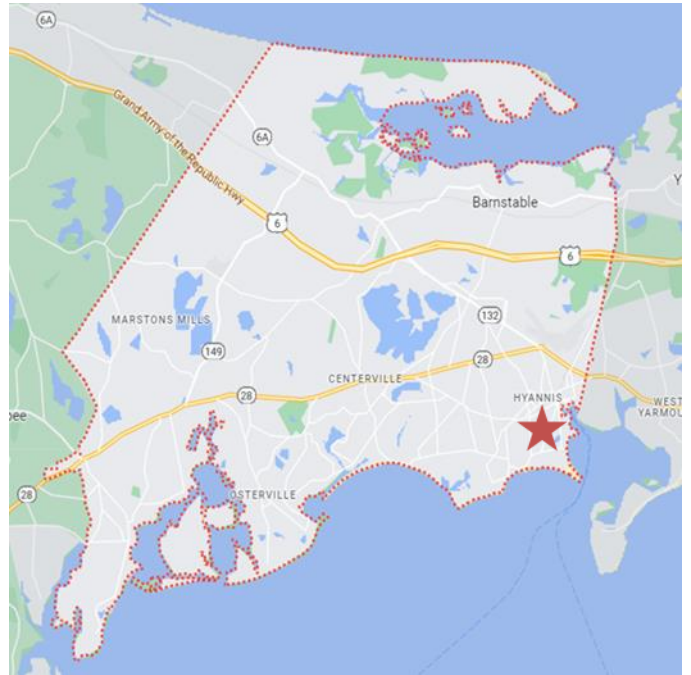
Project Working Title: Paging System Upgrade

Project Location: Hyannis West and Enoch Cobb Early Learning Center

Project Description: The objective of this project is to upgrade the PA System at Hyannis West Elementary School as well as installing a new system at the Early Learning Center.

Project Justification: Replacing the aging paging system at Hyannis West Elementary School and adding one at Enoch Cobb Early Learning Center is necessary for the following reasons:

- **Improved communication:** A modern paging system would allow Hyannis West Elementary School and Enoch Cobb Early Learning Center to communicate more effectively with students, staff, and visitors. The current paging system is outdated and unreliable, which can lead to missed announcements and confusion. A new paging system with features such as clear sound, multiple zones, and priority messaging would ensure that everyone in the building is able to hear and understand important announcements.
- **Increased safety:** A paging system is an essential safety tool for schools. It can be used to alert students, staff, and visitors to emergencies such as fires, lockdowns, and severe weather events. A new paging system would provide Hyannis West Elementary School and Enoch Cobb Early Learning Center with a more reliable and effective way to communicate during emergency situations.



Impact of Denial/Postponement: ECELC will continue to operate without this form of communication. Hyannis West’s PA system will continue to become less reliable.

Project Cost Estimates:	FY 2025	Future FY
Design & Permitting	-	-
Construction or Acquisition	\$85,000	-
Project Management	-	-
Project Contingency	-	-
All Other Cost	-	-
Total Project Cost	\$85,000	-

Basis for Cost Estimates: 3rd Party Estimating Via our Facilities Condition Assessment.

Project Estimated Completion Date: 2025		Design & Permit (months)	3	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$85,000	-			
2026	-	-			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: General Fund Reserves

Operating Budget Impact now or in future: None



Project Working Title: BIS Exterior Door Replacement

Project Location: Barnstable Intermediate School

Project Description: Work shall include the replacement of the existing exterior doors at Barnstable Intermediate School. The project will include removing the existing doors with concealed vertical rod latching system and be replaced with door utilizing vertical mullion latching systems.

Project Justification: There are several reasons why it is justified to replace all exterior doors at Barnstable Intermediate School, which currently use a vertical concealed rod latching system, with new doors that use a vertical mullion latching system:

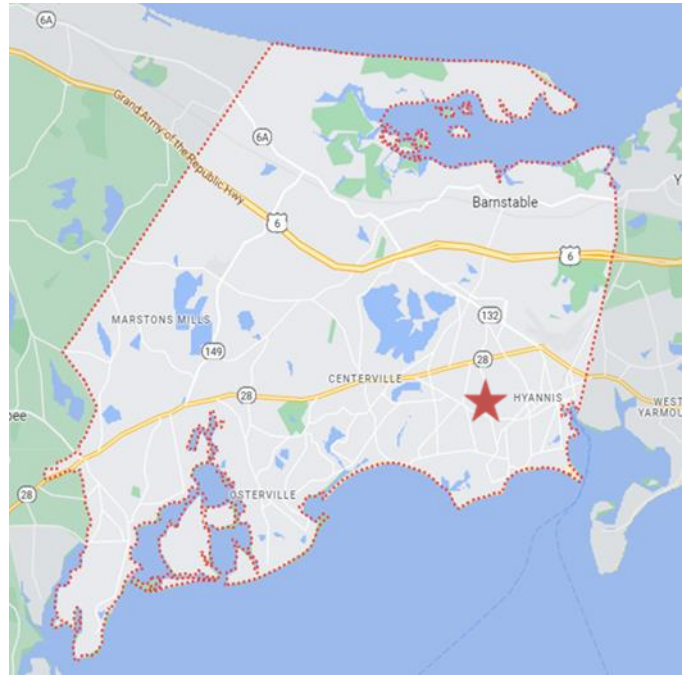
- **Safety:** Vertical concealed rod latching systems are known to be less reliable than vertical mullion latching systems. They are more prone to failure, which can pose a safety hazard to students, staff, and visitors. For example, a door with a failed latching system could open suddenly, allowing unauthorized individuals to enter the school.
- **Security:** Vertical concealed rod latching systems are also less secure than vertical mullion latching systems. They are easier to tamper with, which could make the school more vulnerable to theft or vandalism.

In addition to the above reasons, replacing all exterior doors at Barnstable Intermediate School would also be a wise investment from a long-term maintenance perspective. Vertical concealed rod latching systems are more prone to wear and tear, which can lead to costly repairs and replacements. Vertical mullion latching systems are more durable and require less maintenance, which can save the school money in the long run.

Overall, there are several strong reasons to justify replacing all exterior doors at Barnstable Intermediate School with new doors that use a vertical mullion latching system. This would improve safety, security, and long-term maintenance costs.

Additional benefits of vertical mullion latching systems:

- They are more resistant to forced entry.
- They can accommodate a wider range of door thicknesses and materials.
- They can be easily retrofitted to existing doors.
- They are available in a variety of finishes to match the existing exterior of the school.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	-
	Construction or Acquisition	\$344,000	-
	Project Management	-	-
	Project Contingency	-	-
	All Other Cost	-	-
	Total Project Cost	\$344,000	-

Basis for Cost Estimates:

Project Estimated Completion Date: 2025	Design & Permit (months)	-	Construction (months)	6
Cost/Description FY 2025 and Follow-On Years:				

Fiscal Year	Cost	Project Description/Components
2025	\$344,000	Construction
2026	-	-
2027	-	-
2028	-	-
2029	-	-

Source of Funding: General Fund Reserves

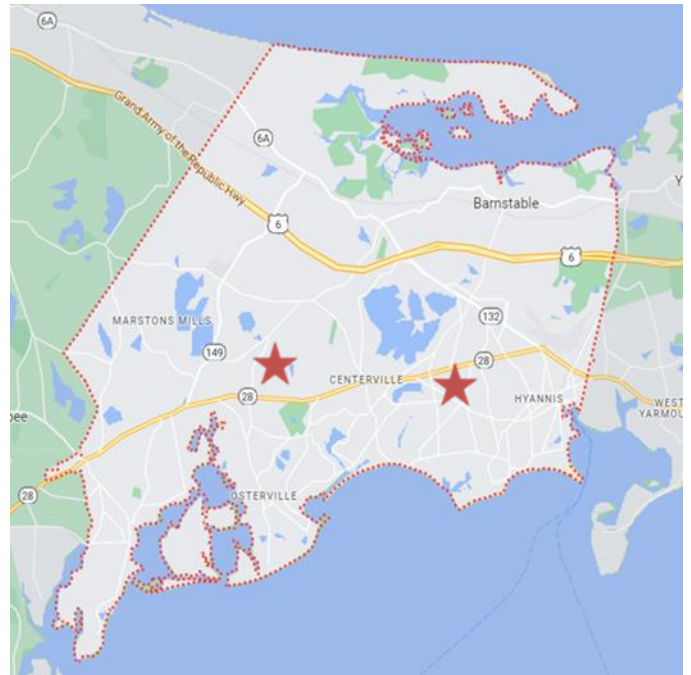
Operating Budget Impact now or in future: None

Project Working Title: Unit Ventilator Replacement / Chiller Swap

Project Location: Barnstable United Elementary School / Barnstable High School

Project Description: This project has multiple goals. The first of this project is to replace the aging unit ventilators at Barnstable United School with a variable refrigerant flow (VRF) system. In doing this, the need for the chiller will be eliminated. The second goal is to replace the Knight Hall Chiller with the chiller at BUE.

Project Justification: Since construction the Barnstable United School piping system has been improperly insulated. This school has a two-pipe system, which means hot water runs through the system in the heating season and chilled water in the cooling season. For this to be done without concerns of condensation the insulation needs to be adequately sized and installed for the cooling season. This is not the case at BUE. Therefore, we have continued moisture problems at BUE which will be resolved by switching the Unit Ventilators to VRF systems and removing the chiller from the school. These unit ventilators are a priority 1 (to be completed in 1-3 years). Combining the two projects into one will be more efficient and cost effective as well as solving multiple needs at multiple schools.



Impact of Denial/Postponement: Will continue to have moisture problems at Barnstable United. The knight Chiller could fail due to age leaving the largest and most rented space in the district without ample cooling.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$275,000	-
	Construction or Acquisition	\$2,378,700	-
	Construction Contingency	\$350,000	-
	Project Management	-	-
	Project Contingency	\$350,000	-
	All Other Costs	-	-
	Total Project Cost	\$3,353,700	-

Basis for Cost Estimates: 3rd Party Estimating Via BPS Facilities Condition Assessment.

Project Estimated Completion Date: 2026		Design & Permit (months)	9	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$3,353,700	Unit Ventilator Replacement / Chiller Swap			
2026	-	-			
2027	-	-			
2028	-	-			

Source of Funding: Capital Trust Fund Bond Issue

Operating Budget Impact now or in future: None



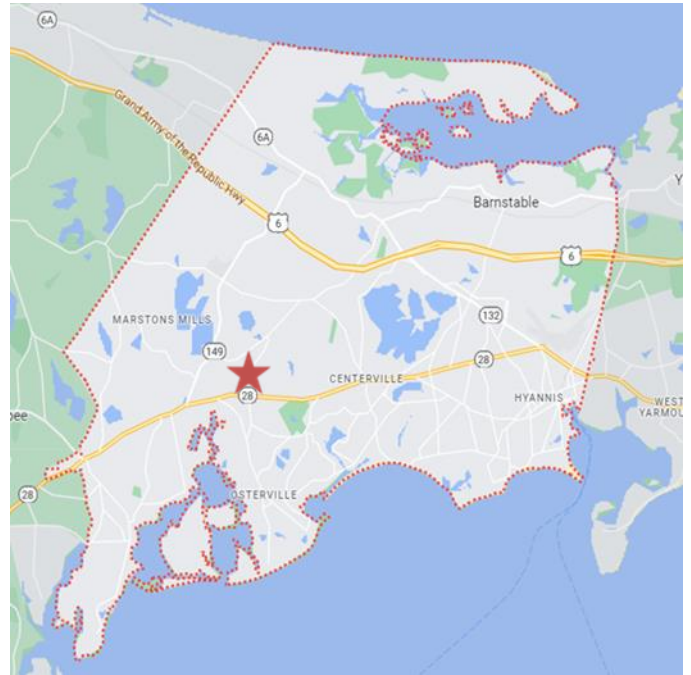
Project Working Title: Auditorium RTU Replacement

Project Location: West Villages Elementary School

Project Description: This project will replace the existing Roof Top Unit that supplies cooling and heating to the West Villages Elementary School Auditorium. This units heat exchanger has cracked and is not longer operation in the heating season. Part of this project will be to repair the roof around the this RTU as well to eliminate leaks into the offices below.

Project Justification: The current RTU is not operational in the heating season due to a cracked heat exchanger. This unit is original to the building (35 years). The roof has several leaks that after multiple attempts to repair continues to leak. Replacing the RTU for the auditorium at West Villages Elementary School is necessary for the following reasons:

- **Safety:** A cracked heat exchanger can pose a serious safety hazard. It can release harmful gases into the air, such as carbon monoxide. It is also a fire hazard.
- **Comfort:** A working RTU is essential for providing heat and cooling to the auditorium. Without a working RTU, the auditorium would be uncomfortable and unsafe to use, especially during the winter months.
- **Education:** The auditorium is used by both West Villages Elementary School and Barnstable United Elementary Schools for a variety of educational activities, such as assemblies, performances, and classes. Without a working RTU, these activities would be disrupted or cancelled.



Impact of Denial/Postponement: The Auditorium will continue to be unusable in the heating months due to the lack of heat. The roof will continue to need repairs until the roof has been replaced.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$50,000	-
	Construction or Acquisition	\$470,000	-
	Construction Contingency	\$65,000	-
	Project Management	-	-
	Project Contingency	\$65,000	-
	All Other Costs	-	-
	Total Project Cost	\$650,000	-

Basis for Cost Estimates: 3rd Party Estimating Via BLW Engineers.

Project Estimated Completion Date: 2026		Design & Permit (months)	6	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$650,000	Auditorium RTU Replacement			
2026	-	-			

2027	-	-
2028	-	-
2029	-	-

Source of Funding: Capital Trust Fund Bond Issue

Operating Budget Impact now or in future: None



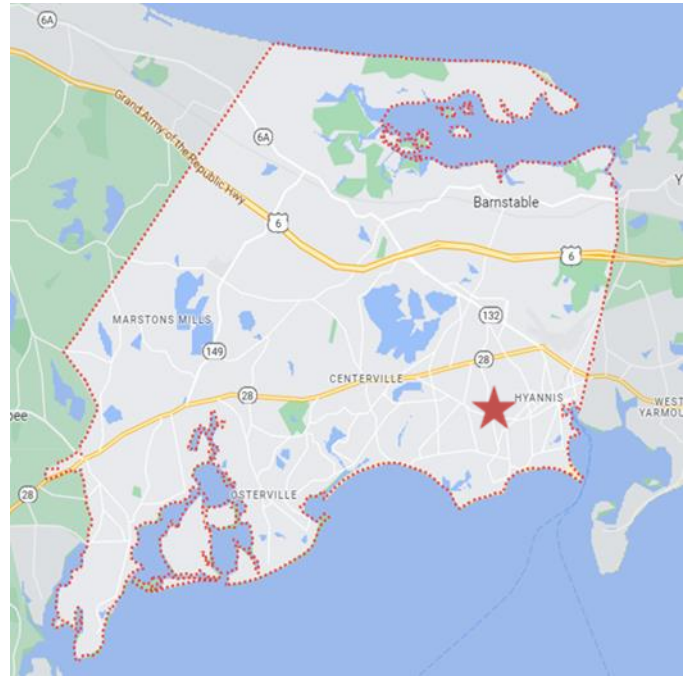
Project Working Title: Hyannis West Parking

Project Location: Hyannis West Elementary School

Project Description: The goal with this project will be to add 20 additional parking spaces to the Hyannis West Elementary School parking lot.

Project Justification: There are several reasons why Hyannis West Elementary School needs additional parking:

- **Safety:** Staff and visitors parking at the Star Market across the street creates a safety hazard, as they have to cross a busy street to get to the school.
- **Convenience:** Staff and visitors should be able to park on school grounds, close to where they need to be. Having to park at the Star Market and walk to the school is inconvenient and time-consuming.
- **Equity:** All staff and visitors should have equal access to parking at Hyannis West Elementary School. Currently, visitors have to compete for parking with staff, and they may have to park further away from the school.



Additional parking at Hyannis West Elementary School would improve safety, convenience, and equity for all staff and visitors.

In addition to the above, additional parking at Hyannis West Elementary School would also:

- Reduce traffic congestion in the area around the school.
- Improve the appearance of the school entrance.
- Make it easier for parents and other caregivers to pick up and drop off their children.

Overall, there is a clear need for additional parking at Hyannis West Elementary School. The benefits of additional parking would outweigh the costs, and it would be a wise investment for the school and the community.

Impact of Denial/Postponement: Staff will continue to park across the street in the Star Market parking lot and cross without a crosswalk.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$20,000	-
	Construction or Acquisition	\$50,000	-
	Construction Contingency	-	-
	Project Management	-	-
	Project Contingency	\$8,000	-
	All Other Costs	-	-
	Total Project Cost	\$78,000	-

Basis for Cost Estimates: 3rd Party Estimating Via BPS Facilities Condition Assessment.

Project Estimated Completion Date: 2025		Design & Permit (months)	6	Construction (months)	18
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$78,000	Additional 20 Parking Spaces			

2026	-	-
2027	-	-
2028	-	-
2029	-	-

Source of Funding: General Fund Reserves

Operating Budget Impact now or in future: None

Project Working Title: Network Based Public Address System

Project Location: Barnstable High School

Project Description: This project will replace the failing public address system currently at BHS. This includes the microphones, amplifiers, loudspeakers, and other associated components of the PA system.

Project Justification: The current system has begun to fail, needing multiple repairs over the past year. These repairs are temporary as finding parts that are compatible with the existing system has become increasingly difficult. There are many more reasons to justify replacing the existing public address (PA) system at Barnstable High School with an upgraded network-based PA system.

Benefits of a network-based PA system:

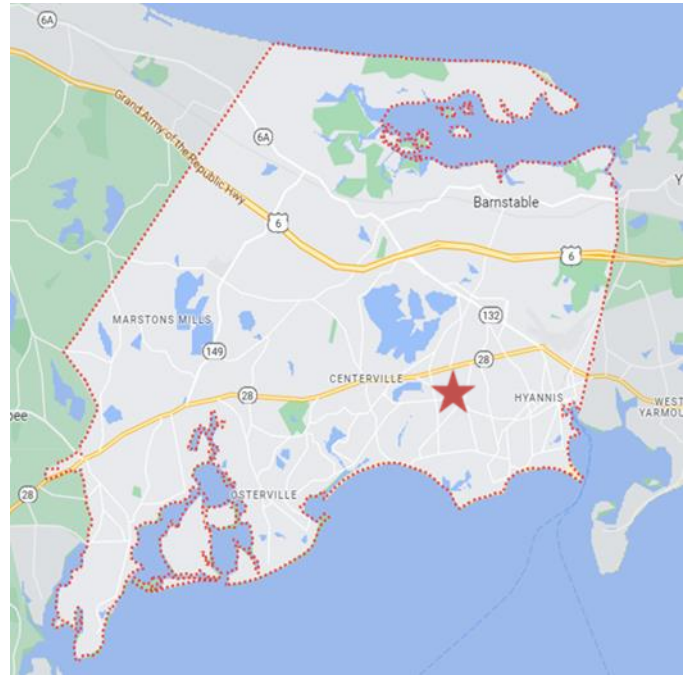
- **Improved sound quality and clarity:** Network-based PA systems use digital technology to deliver high-quality audio to all zones of a school. This means that students and staff in all areas of the school will be able to hear announcements and other audio content clearly.
- **Increased flexibility and scalability:** Network-based PA systems can be easily expanded to add new zones or speakers as needed. This makes them ideal for schools that are growing or that have unique needs, such as auditoriums or outdoor athletic facilities.
- **Lower maintenance costs:** Network-based PA systems are more reliable and require less maintenance than traditional analog PA systems. This can save schools money in the long run.
- **Enhanced security features:** Network-based PA systems can be integrated with other school security systems, such as access control and video surveillance. This can help schools to keep students and staff safe.

Specific benefits for Barnstable High School:

- **Improved accessibility:** A network-based PA system would make it easier for Barnstable High School to provide accessibility accommodations for students with disabilities. For example, the system could be used to provide real-time transcription of announcements or to broadcast audio to hearing aids.
- **Increased support for school activities:** A network-based PA system could be used to support a wider range of school activities, such as sporting events, plays, and concerts. The system could be used to broadcast live audio from events to other areas of the school, or to record events for later playback.
- **Reduced disruption to classes:** A network-based PA system would allow Barnstable High School to make announcements without disrupting classes. For example, the system could be used to send announcements to specific zones of the school, such as the cafeteria or gymnasium.

Overall, replacing the existing PA system at Barnstable High School with an upgraded network-based PA system would be a wise investment. The new system would provide several benefits, including improved sound quality, increased flexibility, lower maintenance costs, enhanced security features, and improved accessibility.

Impact of Denial/Postponement: The potential to have locations in the building that cannot hear the PA announcements. This is a safety and security risk.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$75,000	-
	Construction or Acquisition	\$547,700	-

	Construction Contingency	\$60,000	-
	Project Management	-	-
	Project Contingency	\$75,000	-
	All Other Costs	-	-
	Total Project Cost	\$757,7000	-

Basis for Cost Estimates: 3rd Party Estimating Via BPS Facilities Condition Assessment.

Project Estimated Completion Date: 2025	Design & Permit (months)	6	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:				
Fiscal Year	Cost	Project Description/Components		
2025	\$757,700	Network Based Public Address System		
2026	-	-		
2027	-	-		
2028	-	-		
2029	-	-		

Source of Funding: Capital Trust Fund Bond Issue

Operating Budget Impact now or in future: None



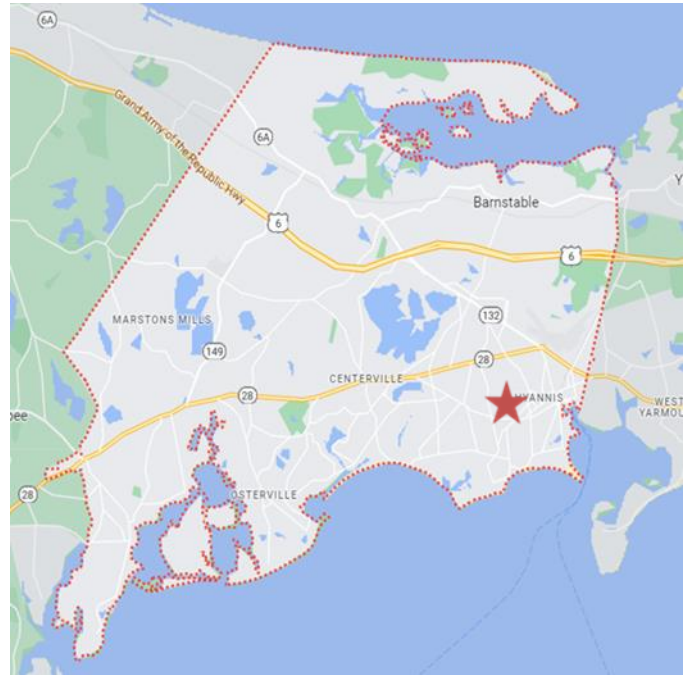
Project Working Title: Locker Room Renovation to Teaching Spaces

Project Location: Hyannis West Elementary School

Project Description: This project will take the existing locker rooms at Hyannis West and convert them to classroom / teaching spaces. The work will include demo the existing locker rooms and bathrooms. Reconstruct teaching spaces that better utilize the square footage of the two spaces.

Project Justification: There are several reasons why converting the old locker rooms at Hyannis West Elementary School into teaching spaces would be a wise decision.

- **Better utilization of space:** Locker rooms are often large and underutilized spaces, especially in older schools. Converting them into teaching spaces would allow the school to make better use of its existing resources and avoid having to build new classrooms.
- **Reduced costs:** Converting locker rooms into teaching spaces is a relatively inexpensive option compared to building new classrooms. This is because the basic infrastructure is already in place, such as walls, floors, and ceilings. The school would simply need to add furniture and other necessary equipment.
- **Increased flexibility:** Converting locker rooms into teaching spaces would give the school more flexibility in how it uses its space. For example, the rooms could be used for traditional classroom instruction, small group work, or even special programs such as music or art.
- **Improved learning environment:** Modern teaching practices often emphasize collaboration and hands-on learning. Converting locker rooms into teaching spaces could create more flexible and engaging learning environments for students.



Impact of Denial/Postponement: The denial or postponement of this request will continue to leave staff and students teaching / learning in a locker room due to space needs.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$20,000	-
	Construction or Acquisition	\$120,000	-
	Construction Contingency	-	-
	Project Management	-	-
	Project Contingency	\$20,000	-
	All Other Costs	-	-
	Total Project Cost	\$160,000	-

Basis for Cost Estimates: 3rd Party Estimating Via BPS Facilities Condition Assessment.

Project Estimated Completion Date: 2026		Design & Permit (months)	6	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$160,000	Locker Room Reno to Teaching Spaces			
2026	-	-			

2027	-	-
2028	-	-
2029	-	-

Source of Funding: General Fund Reserves

Operating Budget Impact now or in future: None



Project Working Title: Plumbing Fixtures Throughout K-3 Schools

Project Location: Hyannis West, Centerville, Barnstable West Barnstable, and Barnstable Community Innovation School.

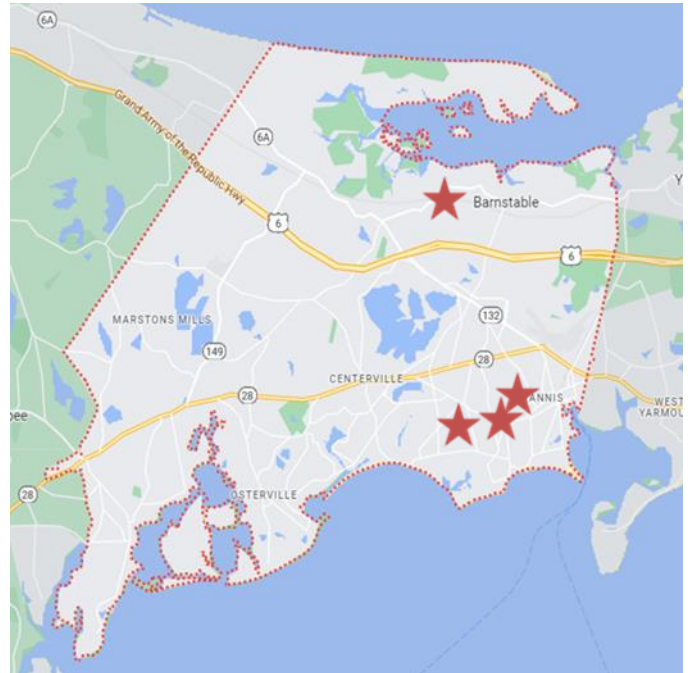
Project Description: The goal of this project will be to replacing plumbing fixtures throughout these 4 K-3 Schools. These fixtures will consist of: Toilets, Sinks, Floor Drains, Traps, Back Flows.

Project Justification: Plumbing needs are becoming more and more frequent at these schools due to the age of the buildings. There are several reasons why it is important to pro-actively replace dated plumbing fixtures in elementary schools.

- **Safety:** Old plumbing fixtures can be a safety hazard for students and staff. For example, leaking faucets and pipes can create a slip hazard, and rusty fixtures can release harmful bacteria into the water supply.
- **Reliability:** Old plumbing fixtures are more likely to break down, which can lead to disruptions in school operations and costly repairs.
- **Efficiency:** Newer plumbing fixtures are more efficient than older models, which can save schools money on their water and energy bills.

Barnstable Public Elementary schools are older buildings with outdated plumbing systems. This makes them more susceptible to plumbing problems. By pro-actively replacing dated plumbing fixtures, elementary schools can protect the health and safety of their students and staff, save money on repairs and utilities, and improve the quality of their water supply.

Impact of Denial/Postponement: Increase cost due to deferred maintenance. Increased likelihood of downtime.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	-
	Construction or Acquisition	\$200,000	-
	Construction Contingency	-	-
	Project Management	-	-
	Project Contingency	-	-
	All Other Costs	-	-
	Total Project Cost	\$200,000	-

Basis for Cost Estimates: 3rd Party Estimating Via BPS Facilities Condition Assessment.

Project Estimated Completion Date: 2025		Design & Permit (months)	3	Construction (months)	3
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$200,000	Construction / Acquisition			

2026	-	-
2027	-	-
2028	-	-
2029	-	-

Source of Funding: General Fund Reserves

Operating Budget Impact now or in future: None



Project Working Title: Bathroom Renovations

Project Location: Barnstable High School

Project Description: The goal of this project will be to remodel the bathrooms at BHS. This will include demolition of the existing bathroom fixtures, partitions, and tiles work.

Project Justification: The condition of the bathrooms has become a topic of the staff and students throughout the school. This improvement will reduce the maintenance needs in the BHS bathrooms, reduce downtime due to these needs, and improve the day-to-day quality of the staff and student experience at BHS. Justification for Renovating High School Bathrooms:

These bathrooms are often missing or have broken fixtures, which can lead to downtime, decreased cleanliness, and lower morale for staff and students.

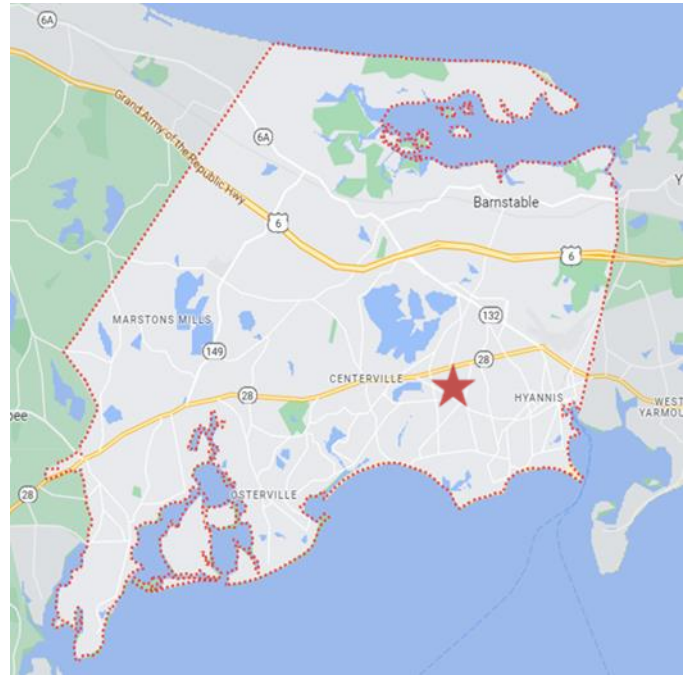
Here are some specific reasons why renovating high school bathrooms is a necessary investment:

- Improve cleanliness and hygiene. Old, dilapidated bathrooms can be difficult to keep clean, which can lead to the spread of germs. Renovated bathrooms with new fixtures and finishes will be easier to clean and maintain, which will help to improve the health and well-being of students and staff.
- Reduce downtime. When fixtures are missing or broken, it can take time to get them repaired or replaced. This can lead to downtime for students and staff, which can disrupt the educational process. Renovated bathrooms with new fixtures will be less likely to break down, which will reduce downtime and improve efficiency.
- Boost morale. Clean, well-maintained bathrooms are important for the morale of students and staff. Old, dilapidated bathrooms can make people feel uncomfortable and disrespected. Renovated bathrooms will create a more positive and inviting environment for everyone in the school.

In addition to these specific benefits, renovating high school bathrooms can also lead to long-term savings. Old, inefficient plumbing fixtures can waste water and energy. New, water-efficient fixtures can save the school money on its utility bills.

Overall, the need to renovate high school bathrooms is clear. Old, dilapidated bathrooms are unsightly, unsanitary, and inefficient. Renovated bathrooms will create a more positive and productive environment for everyone in the school.

Impact of Denial/Postponement: The current conditions will continue to degrade.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$100,000	-
	Construction or Acquisition	\$820,000	-
	Construction Contingency	\$90,000	-
	Project Management	-	-
	Project Contingency	\$100,000	-
	All Other Costs	-	-

	Total Project Cost	\$1,110,000	-
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Basis for Cost Estimates: 3rd Party Estimating Via BPS Facilities Condition Assessment.

Project Estimated Completion Date: 2026		Design & Permit (months)	6	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$1,110,000	Bathroom Renovations			
2026	-	-			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: Capital Trust Fund Bond Issue

Operating Budget Impact now or in future: None



Project Working Title: BHS Roof Replacement Design

Project Location: Barnstable High School

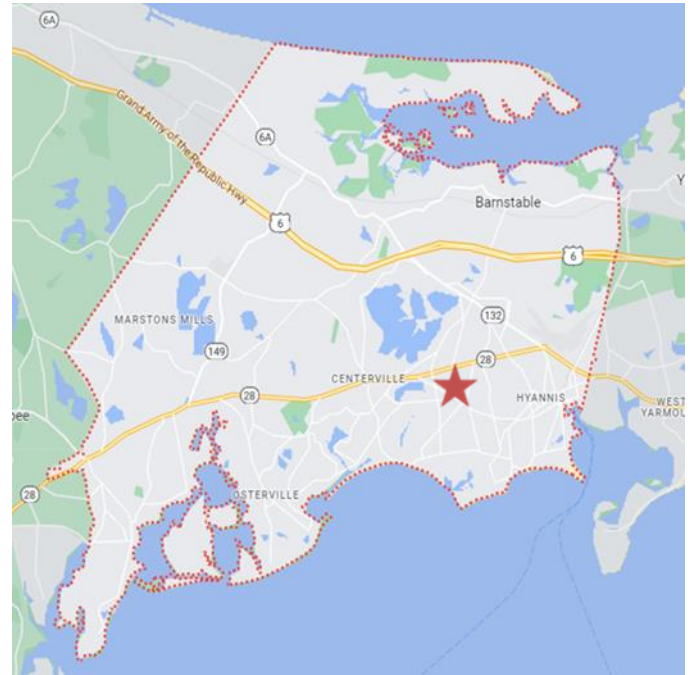
Project Description: This projects objective will be to design and outline the repair schedule for the Barnstable High School Roof.

Project Justification: The roof on Barnstable high school is over 20 years old and is showing signs of failure. Despite countless attempts to repair it, the roof continues to leak and cause damage to the interior of the building. Additionally, the sheer size of the roof, at 308,000 square feet, makes repairs difficult and costly.

The addition of solar panels on the roof has further expedited the need for repair. The nesting of seagulls on the roof has been a source of damage to the roof. Replacing the roof on the high school is a necessary investment that will protect the building and its occupants for many years to come. A new roof will also be more energy-efficient, which will save the school money on utility bills.

Additional Considerations:

- In addition to the benefits listed above, there are a few other factors to consider when making the decision to replace a high school roof:
- Impact on education. Replacing the roof of a high school can be a disruptive process. It is important to carefully plan the project and minimize the impact on education. This may involve working around the school calendar or using temporary classrooms.
- Sustainability. When selecting a new roof, it is important to consider sustainability factors such as energy efficiency and material selection. There are a number of sustainable roofing options available, such as cool roofs and green roofs.



Impact of Denial/Postponement: The current conditions will continue to degrade.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$350,000	-
	Construction or Acquisition	-	\$13,763,000
	Construction Contingency	-	-
	Project Management	-	-
	Project Contingency	-	-
	All Other Costs	-	-
	Total Project Cost	\$350,000	\$13,763,000

Basis for Cost Estimates: 3rd Party Estimating Via BPS Facilities Condition Assessment.

Project Estimated Completion Date: 2025		Design & Permit (months)	6	Construction (months)	N/A
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$350,000	Roof Design			

2026	\$3,500,000	Construction
2027	\$3,600,000	Construction
2028	\$3,700,000	Construction
2029	\$3,800,000	Construction

Source of Funding: General Fund Reserves

Operating Budget Impact now or in future: None



Project Working Title: Library Carpet Remove and Replace

Project Location: Barnstable United Elementary School

Project Description: The goal of this project will be to remove the existing carpet in both BIS and BUE libraries. These carpets will be replaced with a resilient flooring that is low maintenance.

Project Justification: The existing carpet at both schools is stained, torn, and peeling in many locations. These carpets need to be commercially cleaned every year, costing thousands of dollars in maintenance. The following reasons are why it is necessary to replace the library carpet at BUE with low-maintenance resilient flooring:

- **Hygiene:** Carpets can harbor dust mites, allergens, and other pollutants, which can be harmful to students with allergies and asthma. Resilient flooring is easier to clean and disinfect, making it a more hygienic choice for libraries.
- **Durability:** Carpets wear down quickly, especially in high-traffic areas like libraries. Resilient flooring is more durable and can withstand heavy foot traffic without showing signs of wear and tear.
- **Maintenance:** Carpets require regular vacuuming and cleaning to maintain their appearance and hygiene. Resilient flooring is much easier to maintain, requiring only occasional sweeping and mopping.
- **Cost savings:** Resilient flooring has a longer lifespan than carpet, so it will save the school money in the long run.

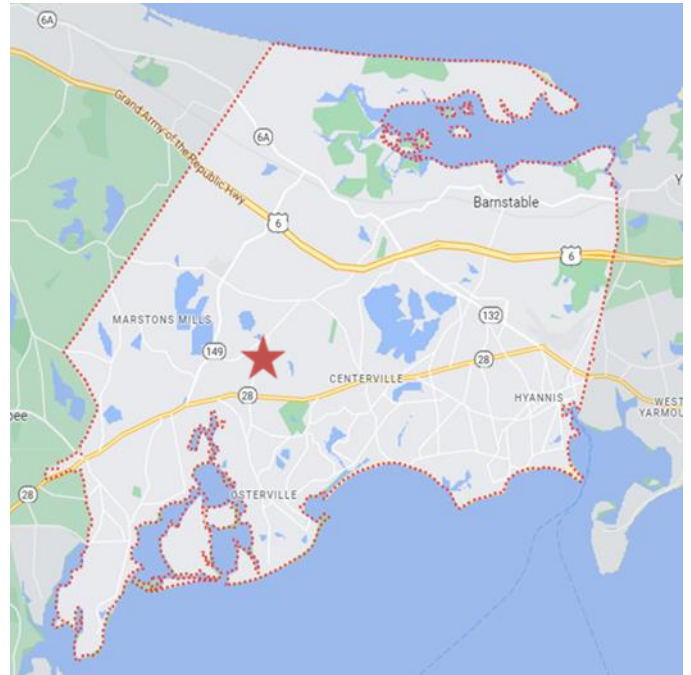
In addition to these practical benefits, low-maintenance resilient flooring can also improve the appearance of the library. A well-chosen flooring material can create a bright and inviting space that is conducive to learning.

Some specific examples of resilient flooring materials that would be well-suited for a school library:

- **Vinyl plank flooring:** Vinyl plank flooring is a durable and affordable option that is available in a wide variety of colors and styles. It is also easy to clean and maintain.
- **Rubber flooring:** Rubber flooring is another durable and easy-to-clean option. It is also slip-resistant, which is important for safety in a library environment.
- **Linoleum flooring:** Linoleum flooring is a natural and sustainable option that is also easy to clean and maintain. It is available in a variety of colors and patterns to suit any décor.

By replacing the library carpet with low-maintenance resilient flooring, BUE can create a more hygienic, durable, and attractive space for students to learn and explore.

Impact of Denial/Postponement: The current conditions will continue to degrade.



Project Cost Estimates:	FY 2025	Future FY
Design & Permitting	-	-
Construction or Acquisition	\$63,800	-
Construction Contingency	-	-
Project Management	-	-
Project Contingency	-	-
All Other Costs	-	-
Total Project Cost	\$63,800	-

Basis for Cost Estimates: 3rd Party Estimating Via BPS Facilities Condition Assessment.

Project Estimated Completion Date: 2025		Design & Permit (months)	0	Construction (months)	6
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$63,800	Library Carpet Remove and Replace			
2026	-	-			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: General Fund Reserves

Operating Budget Impact now or in future: None

Project Working Title: Bathroom Renovations

Project Location: Hyannis West Elementary School

Project Description: The goal of this project will be to remodel the bathrooms at HYW. This will include demo of the existing bathroom fixtures, partitions, and tiles work.

Project Justification: This improvement will reduce the maintenance needs in the HYW bathrooms, reduce downtime due to these needs, and improve the day-to-day quality of the staff and student experience at BHS. Justification for Renovating HYW Bathrooms:

These bathrooms are often missing or have broken fixtures, which can lead to downtime, decreased cleanliness, and lower morale for staff and students.

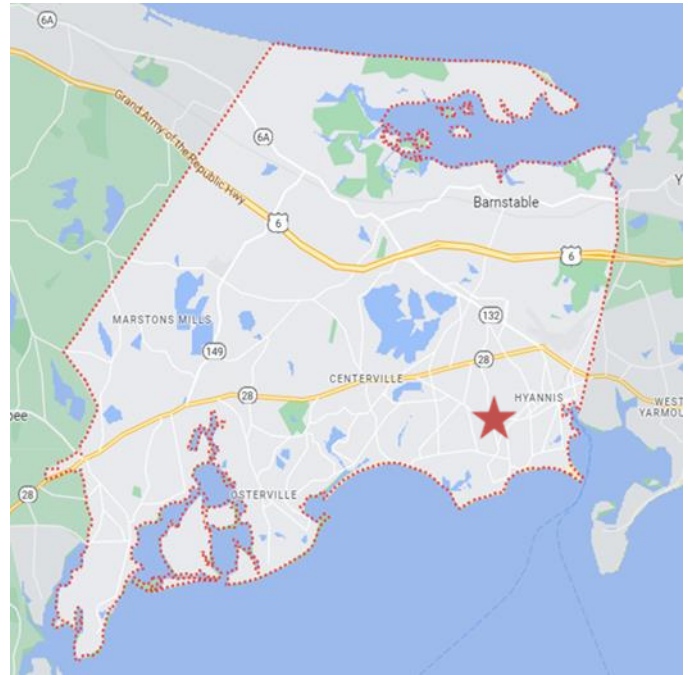
Here are some specific reasons why renovating bathrooms is a necessary investment:

- Improve cleanliness and hygiene. Old, dilapidated bathrooms can be difficult to keep clean, which can lead to the spread of germs. Renovated bathrooms with new fixtures and finishes will be easier to clean and maintain, which will help to improve the health and well-being of students and staff.
- Reduce downtime. When fixtures are missing or broken, it can take time to get them repaired or replaced. This can lead to downtime for students and staff, which can disrupt the educational process. Renovated bathrooms with new fixtures will be less likely to break down, which will reduce downtime and improve efficiency.
- Boost morale. Clean, well-maintained bathrooms are important for the morale of students and staff. Old, dilapidated bathrooms can make people feel uncomfortable and disrespected. Renovated bathrooms will create a more positive and inviting environment for everyone in the school.

In addition to these specific benefits, renovating bathrooms can also lead to long-term savings. Old, inefficient plumbing fixtures can waste water and energy. New, water-efficient fixtures can save the school money on its utility bills.

Overall, the need to renovate HYW bathrooms is clear. Old, dilapidated bathrooms are unsightly, unsanitary, and inefficient. Renovated bathrooms will create a more positive and productive environment for everyone in the school.

Impact of Denial/Postponement: The current conditions will continue to degrade.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting		\$30,000
Construction or Acquisition		\$258,000	-
Construction Contingency		-	-
Project Management		-	-
Project Contingency		\$30,000	-
All Other Costs		-	-
Total Project Cost		\$318,000	-

Basis for Cost Estimates: 3rd Party Estimating Via BPS Facilities Condition Assessment.

Project Estimated Completion Date: 2026	Design & Permit (months)	6	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:				

Fiscal Year	Cost	Project Description/Components
2025	\$318,000	Bathroom Renovations
2026	-	-
2027	-	-
2028	-	-
2029	-	-

Source of Funding: General Fund Reserves

Operating Budget Impact now or in future: None



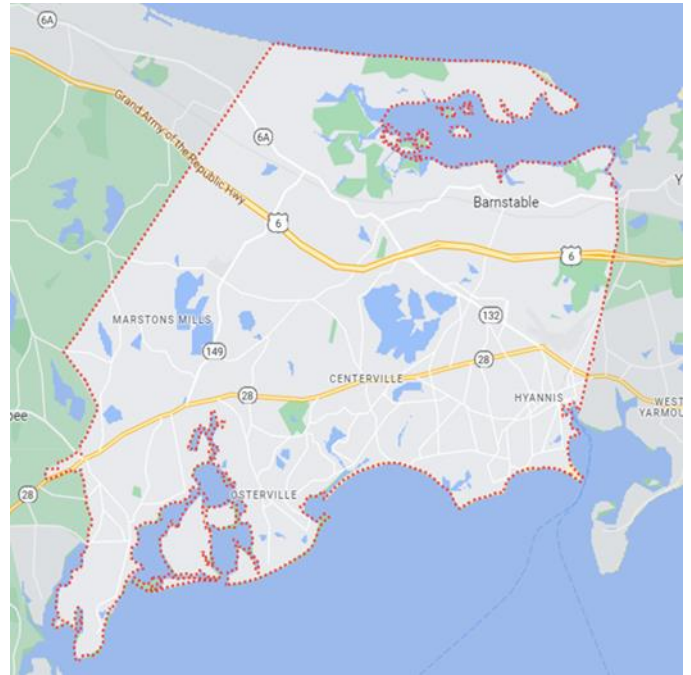
Project Working Title: Direct Digital Controls Upgrades HVAC

Project Location: All Barnstable Public Schools

Project Description: The objective with this project will be to upgrade all existing pneumatic controlled systems to direct digital controls. This will include all HVAC systems.

Project Justification: There are a number of reasons why it is necessary to upgrade all Barnstable public schools' HVAC controls from pneumatics to DDC:

- Improved energy efficiency. DDC controls are more precise and efficient than pneumatic controls, which can lead to significant energy savings. According to the US Department of Energy, DDC controls can save an average of 15% on energy costs.
- Reduced maintenance costs. DDC controls are more reliable and require less maintenance than pneumatic controls. This can lead to significant savings on maintenance and repair costs.
- Improved comfort. DDC controls allow for more precise control of temperature and humidity, which can improve the comfort of students and staff.
- Enhanced indoor air quality. DDC controls can be used to improve indoor air quality by monitoring and controlling levels of carbon dioxide, volatile organic compounds(VOC's), and other pollutants.
- Extended equipment life. DDC controls can help to extend the life of HVAC equipment by preventing it from overheating or overcooling.
- Improved security. DDC controls can be integrated with security systems to monitor and control HVAC equipment outside of school hours. This can help to prevent vandalism and theft.
- Increased flexibility. DDC controls are more flexible than pneumatic controls, which allows for easier changes to HVAC settings. This can be helpful for accommodating different schedules and activities in different parts of the school building.
- Improved data collection and analysis. DDC controls collect data on HVAC system performance, which can be used to identify and address potential problems before they cause major disruptions.



In addition to these benefits, upgrading to DDC controls can also help to improve the learning environment for students. Studies have shown that students perform better in classrooms that are comfortable and have good indoor air quality.

Overall, DDC controls are a better choice for Barnstable public schools than pneumatic controls. They are more efficient, reliable, flexible, and secure. They can also help to improve indoor air quality, extend equipment life, and create a more comfortable learning environment for students.

Impact of Denial/Postponement: BPS will continue to operate with pneumatic controls. There is also a possibility of losing out on current incentives.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$100,000	-
	Construction or Acquisition	\$750,000	\$1,700,000

	Construction Contingency	\$50,000	-
	Project Management	-	-
	Project Contingency	\$100,000	-
	All Other Costs	-	-
	Total Project Cost	\$1,000,000	\$1,700,000

Basis for Cost Estimates: 3rd Party Estimating Via BPS Facilities Condition Assessment.

Project Estimated Completion Date: 2026		Design & Permit (months)	6	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$1,000,000	Direct Digital Controls Upgrades HVAC			
2026	\$850,000	Direct Digital Controls Upgrades HVAC			
2027	\$850,000	Direct Digital Controls Upgrades HVAC			
2028	-	-			
2029	-	-			

Source of Funding: General Fund Reserves

Operating Budget Impact now or in future: Reduced labor needs, reduce frequency of repairs.

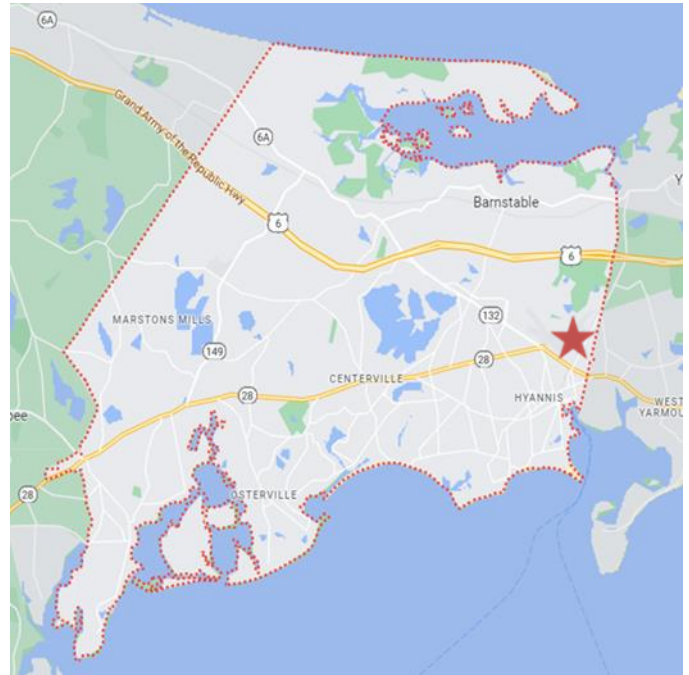


Project Working Title: Upgrade Heating and Air Condition Systems (HVAC) – Airport Air Traffic Control Tower

Project Location: 480 Barnstable Road, Hyannis, MA 02601

Project Description: The construction of the Air Traffic Control Tower was completed in the fall of 2011. The facility is over 12 years old and some of the appliances such as the Heating and Air Condition Systems (HVAC) are showing their age and need replacement.

Project Justification: Over the past 2-years, the airport has been required to conduct more than routine maintenance on its HVAC units for the Air Traffic Control Tower. Although contracted maintenance is performed twice per year, the systems are starting to fail. Initial review of the existing systems identified salt-air deterioration, hydraulic fluid loss and poor electrical surge protection of the equipment, which ultimately has seemed to lead to the deterioration of the system. Additionally, the systems were developed solely for this installation, are not your typical off-the-shelf units and are no longer supported with parts being hard to come by.



Temporary HVAC systems were needed in CY2023 to appropriately condition the building for both employees and equipment. This included space heaters and mobile AC units in the tower cab, electrical and network rooms.

Impact of Denial/Postponement: To deny or postpone funding of this capital project will not allow the Airport to be operational for the general public and/or in full compliance with Federal, State, and Local agencies and may also have long term financial consequences with regard to receipt of future Federal and State grants.

Construction of the Airport Air Traffic Control Tower was completed in the fall of 2011. The facility is over 12 years old and some of the appliances such as the Heating and Air Condition Systems (HVAC) are showing their age and need replacement.

Over the past 2-years, the airport has been required to conduct more than routine maintenance on its HVAC units for the Air Traffic Control Tower. Although contracted maintenance is performed twice per year, the systems are starting to fail. Initial review of the existing systems identified salt-air deterioration, hydraulic fluid loss and poor electrical surge protection of the equipment, which ultimately has seemed to lead to the deterioration of the system. Additionally, the systems were developed solely for this installation, are not your typical off-the-shelf units and are no longer supported with parts being hard to come by. Temporary HVAC systems were needed in CY2023 to appropriately condition the building for both employees and equipment. This included space heaters and mobile AC units in the tower cab, electrical and network rooms.

A failure of these systems would be catastrophic to airport facilities, namely the Air Traffic Control Tower causing disruption to air carrier and charter services that rely on air traffic operational assistance.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$327,400	-
	Construction or Acquisition	\$1,750,000	-
	Construction Contingency	-	-
	Project Management	-	-

	Project Contingency	-	-
	All Other Costs	\$5,000	-
	Total Project Cost	\$2,082,400	-

Basis for Cost Estimates: A scope of work (SOW) and fees were developed by the Airport’s on-call Engineering team, Airport Solutions Group, and their architectural subconsultants, on 8/25/2023. The SOW and fees will undergo an Independent Fee Estimate (IFE) as required by the Federal Aviation Administration (FAA), the lead funding agency for this project. The project will be bid through the Town of Barnstable’s Chief Procurement Office.

Project Estimated Completion Date: 2025		Design & Permit (months)	12	Construction (months)	6
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$2,082,400	Upgrade Heating and Air Condition Systems (HVAC) – Airport Air Traffic Control Tower			
2026	-	-			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: FAA (90%), MassDOT Aeronautics (5%) and local share (5%). Airport share is \$104,120

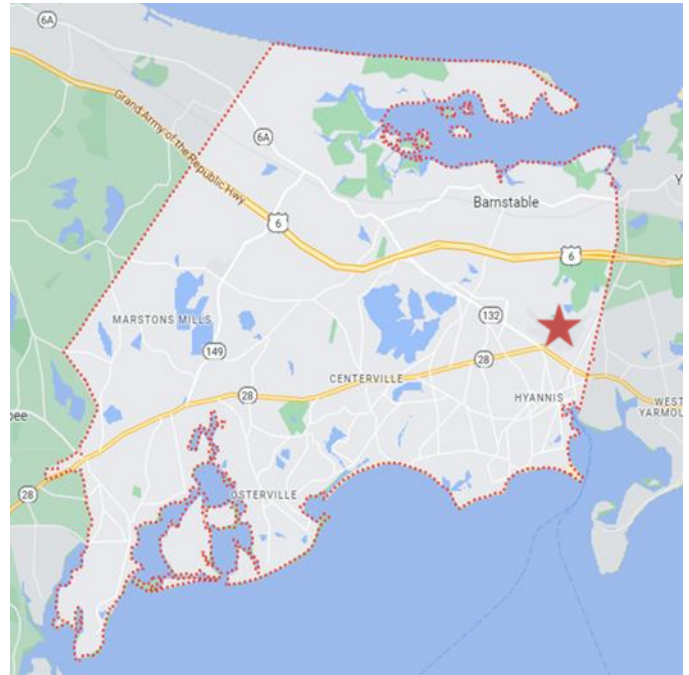
Operating Budget Impact now or in future: Reduced maintenance fees, reduced labor needs, reduced short-term fixes, reduced temporary equipment rentals.

Project Working Title: Terminal Optimization Program (TOP) Upgrades - Planning Phase

Project Location: 480 Barnstable Road, Hyannis, MA 02601

Project Description: As part of improvements proposed at the Cape Cod Gateway Airport as part of the Airport Master Plan Update, the terminal was identified for expansion/modifications to more adequately respond to passenger needs now and in the future.

The proposed project is a more in-depth planning study to identify options for renovation of the 12-year old facility to determine needs and standards, including Transportation Security Administration (TSA) requirements (TSA’s Recommended Security Guidelines for Airport Planning, Design, and Construction). During the COVID-19 pandemic, deficiencies were noted with an inability to efficiently provide social distancing within current terminal spaces during seasonal increases in passenger traffic. With the anticipated arrival of American Airlines in the summer of 2024, and existing tenants of JetBlue and Cape Air and their customers, the current terminal building’s existing deficiencies will swell, which include lack of check-in space; inbound/outbound baggage screening; passenger hold room space; and terminal support space.



Terminal enhancements were identified in the Airport Master Plan Update but with little detail except for anticipated square foot requirements based on passenger forecasts. The scope of the project will include planning for terminal optimization of today and short-term and mid-term terminal improvements that may include reorganization of existing space and contemplation of vertical or lateral footprint modifications as deemed necessary to handle seasonal activity, very similar to what is experienced at Island airports of Nantucket and Martha’s Vineyard.

Project Justification: Terminal enhancements were identified in the Airport Master Plan Update but with little detail except for anticipated square foot requirements based on passenger forecasts. The scope of the project will include planning for terminal optimization of today and short-term and mid-term terminal improvements that may include reorganization of existing space and contemplation of vertical or lateral footprint modifications as deemed necessary to handle seasonal activity.

Impact of Denial/Postponement: To deny or postpone funding of this capital project will not allow the Airport to adequately accommodate the public using the facility for air transportation needs. Additionally, failure to complete the project would also fail to meet TSA’s Recommended Security Guidelines for Airport Planning, Design, and Construction and allow for efficient and crowded use of terminal space during peak periods of activity.

Project Cost Estimates:	FY 2025	Future FY
Design & Permitting	\$1,495,000	-
Construction or Acquisition	-	-
Construction Contingency	-	-
Project Management	-	-
Project Contingency	-	-
All Other Costs	\$5,000	-
Total Project Cost	\$1,500,000	-

Basis for Cost Estimates: An estimation of fees based on fees associated with recent planning projects at the airport including the Airport Master Plan Update (\$1.02M), Environmental Assessment (\$1.09M), plus contingencies. A more refined Scope of Work (SOW) and fees will need to be developed. The SOW and fees may undergo an Independent Fee Estimate (IFE) as required by the Federal Aviation Administration (FAA) if federal funding is used. The project may be bid through the Town of Barnstable’s Chief Procurement Office if necessary or use existing on-call services.

Project Estimated Completion Date: 2025		Design & Permit (months)	12	Construction (months)	-
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$1,500,000	Terminal Optimization Program (TOP) Upgrades - Planning Phase			
2026	-	-			
2027	-	-			
2028	-	-			
2029	-	-			

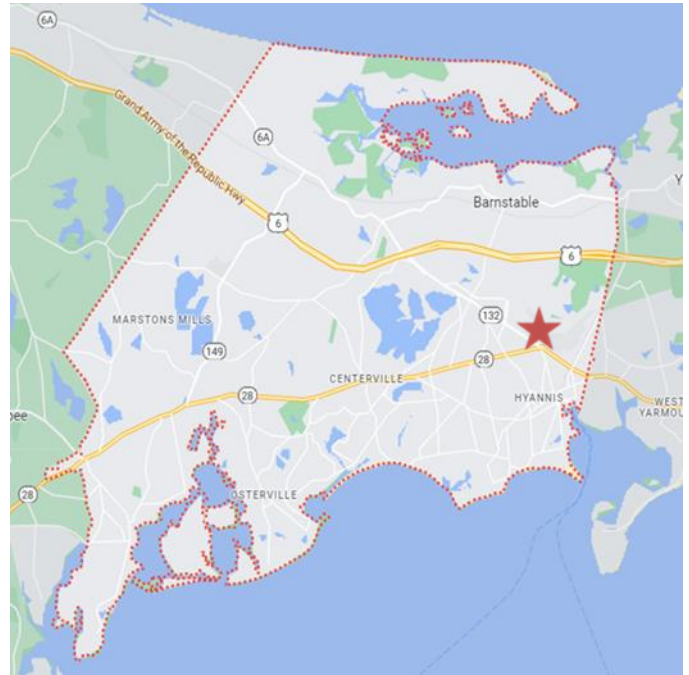
Source of Funding: Typical reimbursable funding from FAA (90%), MassDOT Aeronautics (5%) and local share (5%) is not guaranteed. Currently, 100% Airport share is \$1,500,000.00.

Operating Budget Impact now or in future: None

Project Working Title: Electric Aircraft Charging Facilities (vehicle or stationary charging station)

Project Location: 480 Barnstable Road, Hyannis, MA 02601

Project Description: Although the electric aviation program is new, funding is earmarked for this fiscal year but the amount of funding and project type needs to be flexible until we have an understanding of the needs for the industry and that of future users. Cape Air, Southern Airways Express (existing airlines) are very serious about transitioning their fleet to electric once federal certification of various aircraft is completed (estimated 2025-2027). Additionally, many experimental aircraft are already on the market for private aviation transport. Two of the four known electric aircraft companies are seeking federal certification for commercial service by 2025. Additionally, United Airlines recently provided funding to Archer and its electric aircraft, the Midnight, to purchase 100 aircraft once it has reached federal certification (anticipated for Winter 2024/2025) <https://www.archer.com/>. And BETA of Vermont is seeking the same timeframe <https://www.beta.team/aircraft/>.



There is potential funding from the Federal Aviation Administration (FAA) Airport Zero Emissions Vehicle (ZEV) Program. Funding is typically available to commercial service airports located in areas that are in non-attainment or maintenance of National Ambient Air Quality Standards (NAAQS). Eligible project types include mobile and stationary equipment that reduce on-airport emissions, such as low-emission vehicles and infrastructure upgrades. Airport sponsors can fund such projects using Passenger Facility Charges (PFCs) or Airport Improvement Program (AIP) grants. Both entitlements and discretionary AIP funds may be available for such projects as well. A report (National Renewable Energy Laboratory (NREL) and Idaho National Laboratory (INL) Levelized Cost of Charging EVs) in the United States showed that costs for public chargers are approximately \$3,500 per connector for Level 2 and \$38,000 to \$90,000 per connector for DC fast charging, with higher costs depending on power output. Public and workplace installation costs per charger average around \$2,500 per connector for Level 2, with costs varying depending on location and number of chargers installed at each site. Similarly, DC fast charging installation costs can range anywhere from \$20,000 per connector to \$60,000 per connector depending on charger power and number of installed chargers per site. If we assume the need for rapid recharge for commercial aircraft services, DC fast chargers, we need to assume \$150,000/unit plus installation plus escalators.

Project Justification: The airport is keen on looking for all ways to increase our use of renewable resources and constantly look for ways to be “green” and environmentally responsible. Reductions in greenhouse gases drive this initiative as well as the economic viability of affordable petroleum free travel. The airport must be ready for a transition in fuel sources for certain types of aircraft, especially since two of our airlines are moving in this direction.

Impact of Denial/Postponement: To deny or postpone funding of this capital project will not allow the Airport to be operational for the general public in terms of electric aviation infrastructure. To deny or postpone funding the airport may not have the infrastructure ready to meet electric aviation equipment needs, and the ability to use renewable resources and to reduce greenhouse gases.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	-
	Construction or Acquisition	\$500,000	-

	Construction Contingency	-	-
	Project Management	\$45,000	-
	Project Contingency	-	-
	All Other Costs	\$5,000	-
	Total Project Cost	\$550,000	-

Basis for Cost Estimates: Potential FAA Airport Zero Emissions Vehicle (ZEV) Program funding. A National Renewable Energy Laboratory (NREL) and Idaho National Laboratory (INL) Levelized Cost of Charging EVs in the United States report identified costs for public chargers at approximately \$3,500 per connector for Level 2 and \$38,000 to \$90,000 per connector for DC fast chargers, with higher costs depending on power output. Public and workplace installation costs per charger average is around \$2,500 per connector for Level 2, with costs varying depending on location and number of chargers installed at each site. Similarly, DC fast charger installation costs can range anywhere from \$20,000 per connector to \$60,000 per connector depending on charger power and number of installed chargers per site. Fee estimates assume the high end and fast chargers, at \$150,000/unit and installation plus construction escalators.

The project will be bid through the Town of Barnstable’s Chief Procurement Office for the equipment needed but could also be funded through various electric aviation developers installing charging stations across the nation.

Project Estimated Completion Date: 2025		Design & Permit (months)	6	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$550,000.00	Electric Aircraft Charging Facilities (vehicle or stationary charging station)			
2026	-	-			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: Potential reimbursable funding from FAA (90%), MassDOT Aeronautics (5%) and local share (5%). Airport share is \$27,500.00 (Enterprise Fund Reserves).

Operating Budget Impact now or in future: None



PART VI –DETAILED DESCRIPTIONS OF DEFERRED PROJECTS

Comprehensive Wastewater Management Plan Projects

PROJECT: CWMP-25

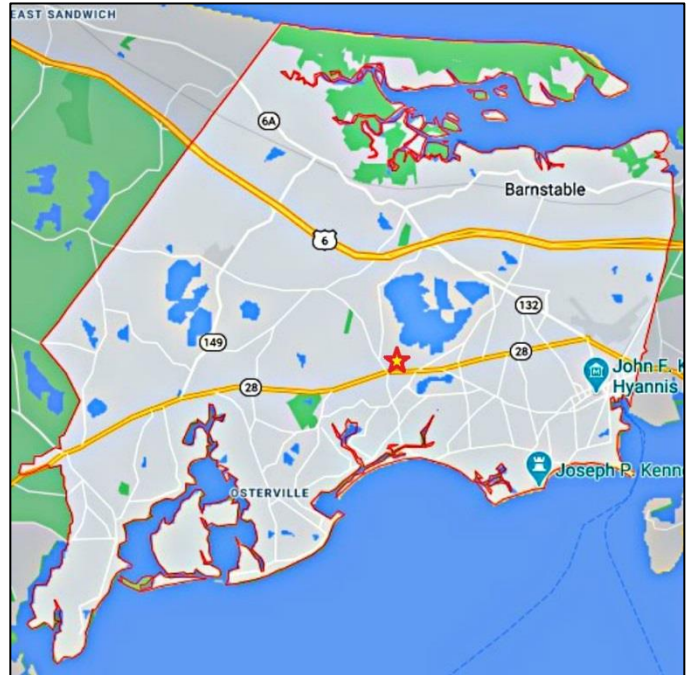
DEPARTMENT PRIORITY: 4 of 14

Project Working Title: Great Marsh Road Sewer Expansion – Survey and Preliminary Design

Project Location: Great Marsh Road and adjacent neighborhoods, Centerville

Project Description: The project will expand municipal sewer to properties located on Great Marsh Road and adjacent neighborhoods. This project will include the installation of mostly gravity sewer, some low pressure sewer and multiple municipal pump stations. The project area has been identified as a needs area for nitrogen removal and pond protection and as a result this project was identified in Phase 1 of the Comprehensive Wastewater Management Plan (CWMP). Construction is anticipated to begin in FY2028.

Project Justification: The project area has been identified as a needs area for nitrogen removal within the Centerville River Watershed by Massachusetts Estuaries Program (MEP) modeling. Residences in this area are located in very close proximity to Lake Wequaquet and are completely dependent on on-site solutions to address their wastewater and as a result the project area has also been identified as a needs area for pond protection. Most properties close to the lake have high groundwater, making replacing on-site septic systems very expensive. In recent years, Lake Wequaquet has experienced declining water quality. As a result, the project area was identified as a needs area for nitrogen removal and pond protection and the project was identified in Phase 1 of the CWMP. This project will install approximately 9.6 miles of sewers, connect approximately 590 properties to municipal sewer, collect approximately 83,000 gallons per day of wastewater and remove approximately 8.2 kg/day of nitrogen from the Centerville River Watershed.



Impact of Denial/Postponement: The area would remain unsewered, the Centerville River Watershed and Lake Wequaquet would continue to receive nutrients and pollutants from septic systems, and residents adjacent to the lake would be subject to high costs to replace failed septic systems.

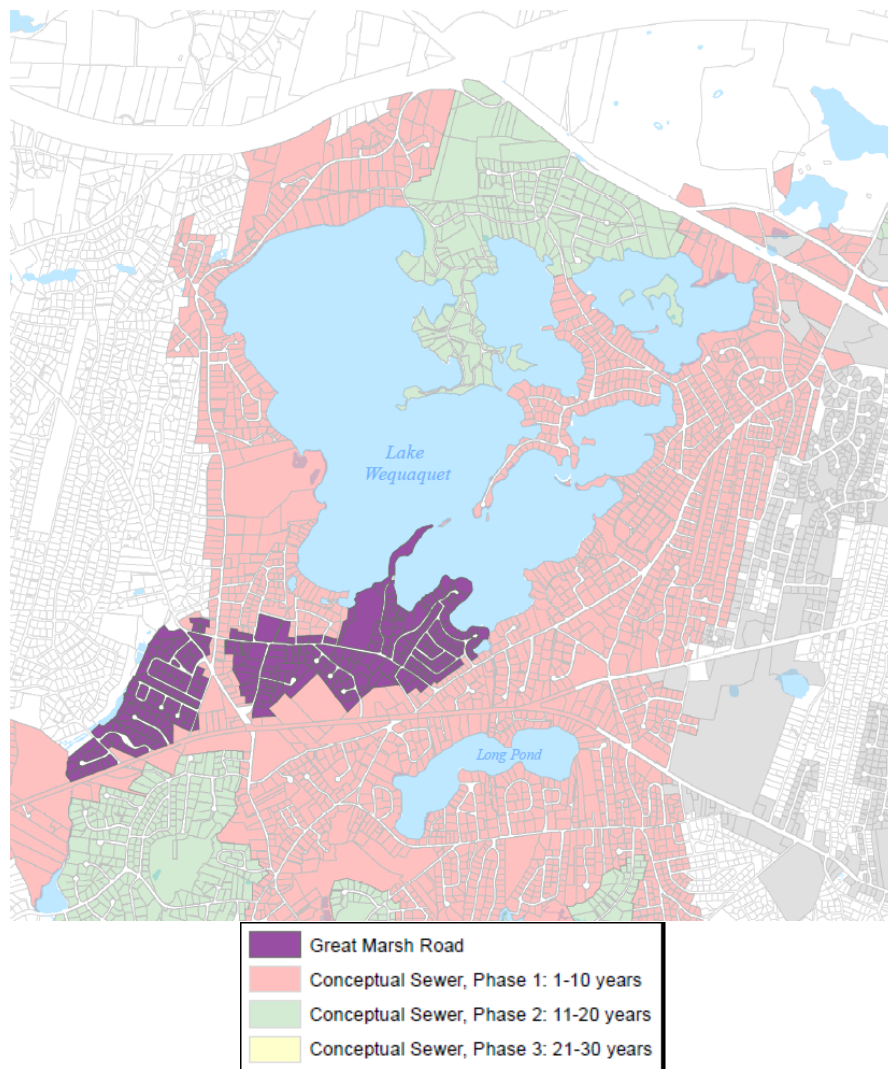
Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$2,500,000
Construction or Acquisition	-	\$30,000,000	
Construction Contingency	-	\$3,000,000	
Project Management	-	\$3,000,000	
Project Contingency	-	\$1,000,000	
All Other Costs	-	\$1,000,000	
Total Project Cost	-	\$40,500,000	

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2027 (design/permitting) 2030 (construction)	Design & Permit (months)	36	Construction (months)	36
Cost/Description FY 2025 and Follow-On Years:				
Fiscal Year	Cost	Project Description/Components		
2025	-	-		
2026	\$2,500,000	Final Design and Permitting		
2027	-	-		
2028	\$38,000,000	Construction		
2029	-	-		

Source of Funding: Sewer Construction and Private Way Fund. Design/permitting is not eligible for State Revolving Fund (SRF) funding. Construction may be eligible for SRF funding and funding from the Cape Cod and Islands Water Protection Fund.

Operating Budget Impact now or in future: This request is for engineering. Construction of the project will increase WPCD operating costs because of increased routine maintenance, personnel needs, electricity, etc. associated with the new infrastructure. Revenue will be generated in the form of sewer assessments and sewer usage fees. Construction is anticipated to be completed in FY 2030 so operating expenses and revenue is not projected until that time.

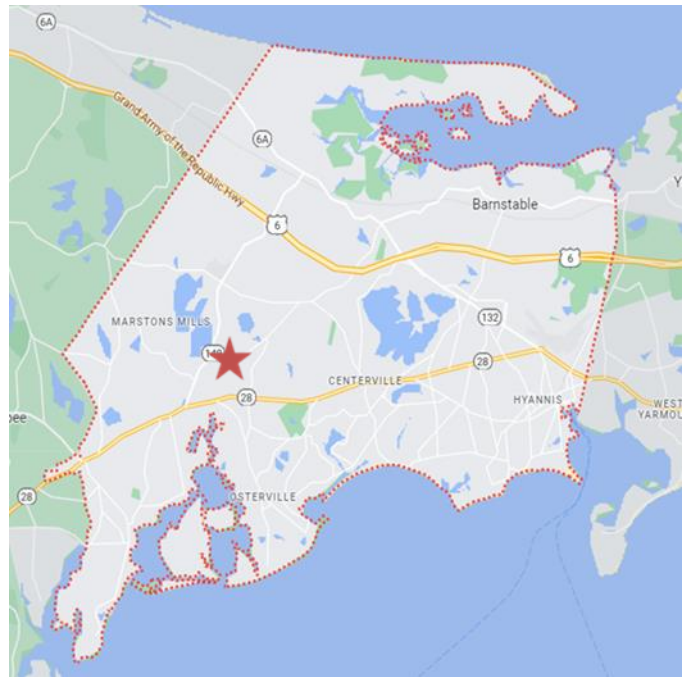


Project Working Title: Mill Pond Dredging Project

Project Location: Mill Pond, Marstons Mills

Project Description: This project will continue the Town’s efforts to enhance the natural nitrogen treatment abilities within the Three Bays watershed by using a series of nontraditional projects in a way that acts as a comprehensive treatment system. The first project is to dredge Mill Pond to the extent permissible, thereby increasing the water residence time and improving nitrogen removal of the pond. It is anticipated that this project will involve the removal of up to 30,000 cubic yards of material from the pond.

Project Justification: Mill Pond has progressively been filling with silt and debris since its creation, to the point that it is in danger of becoming a bog with a stream meandering through it. Its nitrogen removal capacity has been on the decline from a measured 20% removal to 10% removal during the past 20 years. By comparison, healthy ponds have exhibited 30% to 50% nitrogen removal. Additional nitrogen removal resulting from this project will be quantified through post dredging water quality monitoring, which will be used to set the new baseline of nitrogen removal from Mill Pond into the Three Bays estuary and determine if the amount of proposed sewer expansion in Phase 3 can be reduced.



Impact of Denial/Postponement: Restoration of Mill Pond is identified as an ideal project to be implemented in the first phase (years 0-10) of the CWMP and is one of few opportunities to reduce the mitogen load to the Three Bays over the near term. Postponement would extend nitrogen reduction in the Three Bays beyond phase 1.

Project Cost Estimates:		FY 2025	Future FY
	Construction	-	\$4,000,000
	Construction Contingency	-	\$1,000,000
	Post Restoration Monitoring	-	\$150,000
	Total Project Cost	-	\$5,150,000

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: TBD	Design & Permit (months)	30	Construction (months)	TBD
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Cost/Description FY 2025 and Follow-On Years:

Fiscal Year	Cost	Project Description/Components
2025	-	-
2026	\$ 5,000,000	Construction
2027	\$ 150,000	Post Restoration Monitoring
2028	-	-

Source of Funding: Sewer Construction and Private Way Fund. Grants will be pursued for the project once permits are acquired.

Operating Budget Impact now or in future: None



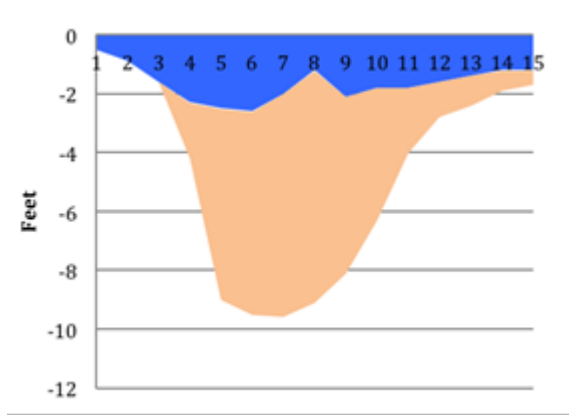
Surface of Mill Pond with aquatic vegetation overgrowth.



Surface of Mill Pond with aquatic vegetation overgrowth.



Mill Pond is located adjacent to the intersection of Route 149 and Route 28.



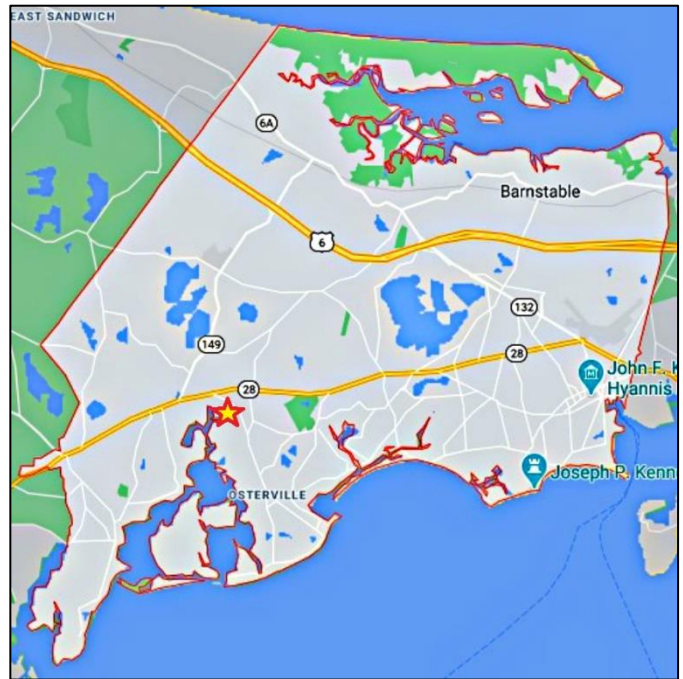
Total depth of soft sediments (peach) versus the total depth of water (blue)

Project Working Title: South County Road Sewer Expansion – Survey and Preliminary Design

Project Location: South County Road, Osterville West Barnstable Road (south of Route 28), and adjacent neighborhoods

Project Description: Expanding sewer to the properties located off South County Road and Osterville West Barnstable Road (south of Route 28). This project area has been identified as a needs area for nitrogen removal and as a result this project was identified in Phase 1 of the Comprehensive Wastewater Management Plan (CWMP). Construction is anticipated to begin in FY 2030.

Project Justification: The project area have been identified as a needs area for nitrogen removal within the Three Bays Watershed by Massachusetts Estuaries Program (MEP) modeling. As a result, the project area has been identified in Phase 1 of the CWMP. This project will install approximately 3.6 miles of sewers, connect approximately 160 properties to municipal sewer, collect approximately 35,000 gallons per day of wastewater, and remove approximately 3.6 kg/day of nitrogen from the Three Bays Watershed.



Impact of Denial/Postponement: The area would remain unsewered and the Three Bays Watershed would continue to receive nutrients and pollutants from septic systems.

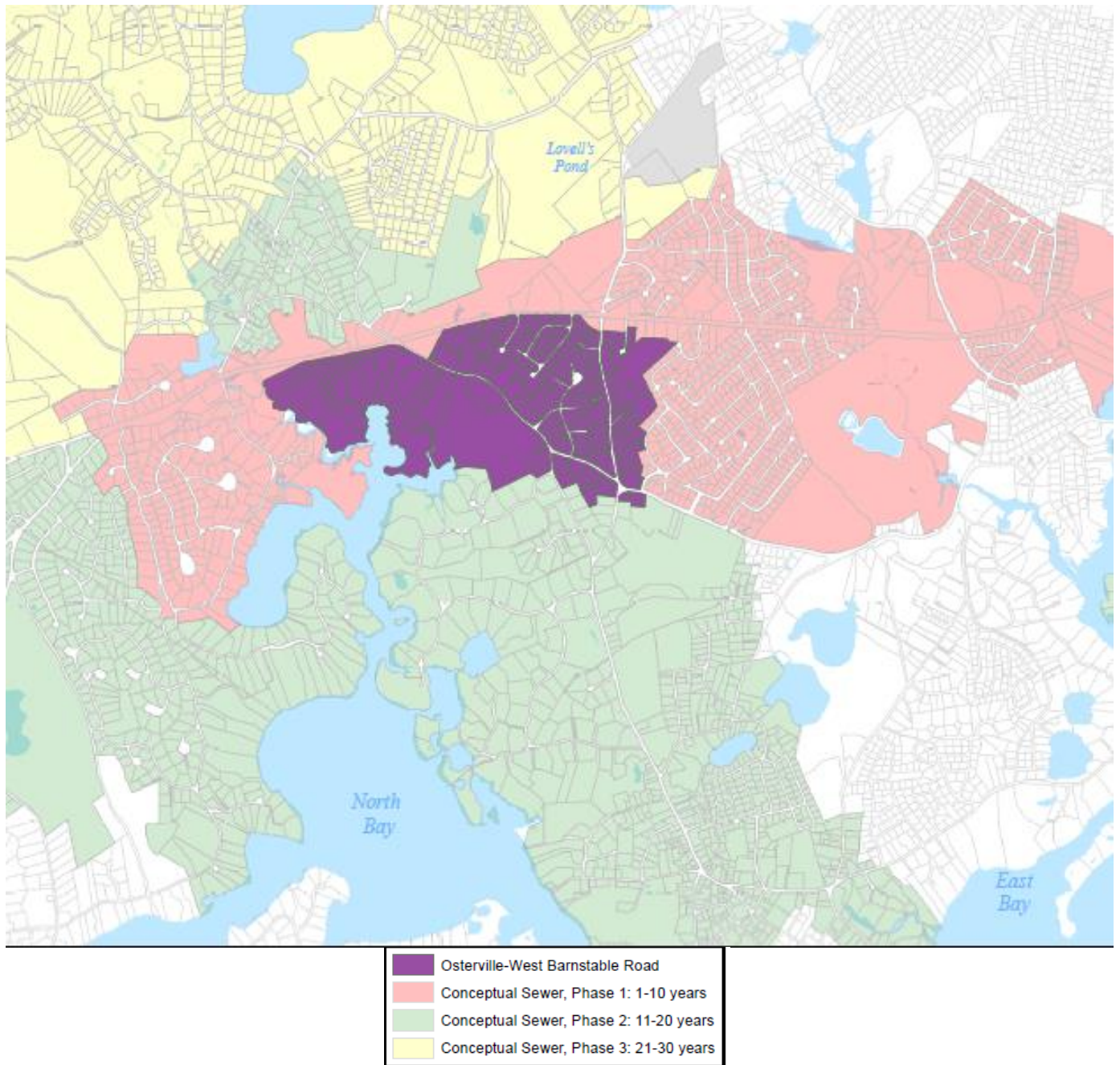
Project Cost Estimates:	FY 2025	Future FY
Design & Permitting	-	\$2,100,000
Construction or Acquisition	-	\$16,000,000
Construction Contingency	-	\$1,600,000
Project Management	-	\$1,600,000
Project Contingency	-	\$800,000
All Other Costs	-	\$1,000,000
Total Project Cost	-	\$23,100,000

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2028 (design/permitting) 2030 (construction)	Design & Permit (months)	36	Construction (months)	24
Cost/Description FY 2025 and Follow-On Years:				
Fiscal Year	Cost	Project Description/Components		
2025	-	-		
2026	\$600,000	Survey and Preliminary Design		
2027	\$1,500,000	Final Design and Permitting		
2028	-	-		
2029	\$21,000,000	Construction		

Source of Funding: Sewer Construction and Private Way Fund. Design/permitting is not eligible for State Revolving Fund (SRF) funding. Construction may be eligible for SRF funding and funding from the Cape Cod and Islands Water Protection Fund.

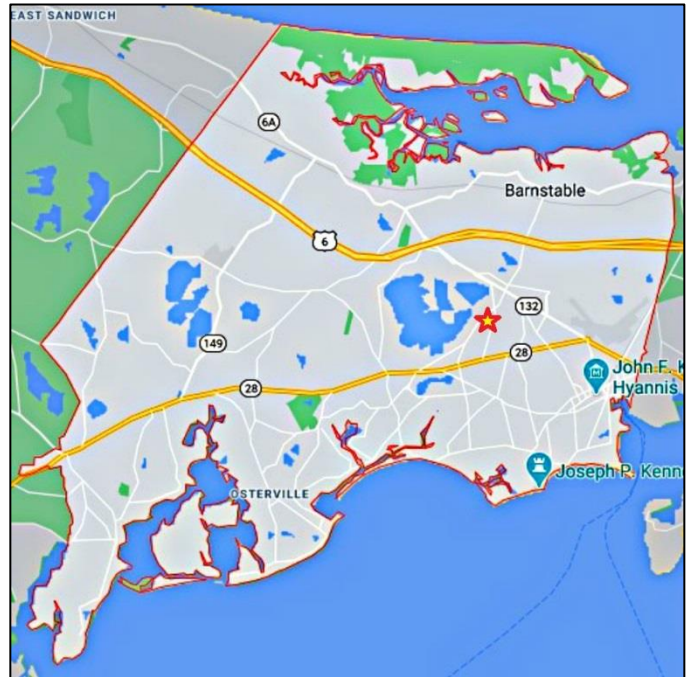
Operating Budget Impact now or in future: This request is for engineering. Construction of the project will increase routine maintenance for the WPCD because of the new infrastructure being added to the system. Construction of the project will increase WPCD operating costs because of increased routine maintenance, personnel needs, electricity, etc. associated with the new infrastructure. Revenue will be generated in the form of sewer assessments and sewer usage fees. Construction is anticipated to be completed in FY30 so operating expenses and revenue are not projected until that time.



Project Working Title: Phinney’s Lane Sewer Expansion - Construction

Project Location: Neighborhoods to the west and east of Phinney’s Lane between Route 28 and Route 132

Project Description: Sewer expansion into neighborhoods on the west and east side of Phinney’s Lane between Route 28 and Route 132. The project will include gravity sewer, and some low-pressure sewers. This project is identified in Phase 1 of the Comprehensive Wastewater Management Plan (CWMP). This project will install approximately 10 miles of sewers, connect approximately 630 properties to municipal sewer, collect approximately 100,000 gallons per day of wastewater, and remove approximately 10 kg/day of nitrogen from the Centerville River Watershed.



Project Justification: Residences in this area are completely dependent on on-site solutions to address their wastewater, which has had a negative effect on Lake Wequaquet and the Centerville River. The project will utilize the sewer infrastructure being installed as part of the Strawberry Hill Road Sewer Expansion and the Route 28 East Sewer Expansion, further utilizing the investment in those assets. As a result, the CWMP has identified this project in Phase 1.

Impact of Denial/Postponement: If this project is not approved, homes in this area will have to continue to rely on on-site wastewater systems. As a result, Lake Wequaquet and the Centerville River will continue to receive nutrients at higher than recommended levels.

Project Cost Estimates:	FY 2025	Future FY
Design & Permitting	-	-
Construction or Acquisition	-	\$32,000,000
Construction Contingency	-	\$3,200,000
Project Management	-	\$3,200,000
Project Contingency	-	\$600,000
All Other Costs	-	\$1,000,000 (Police Details)
Total Project Cost	-	\$40,000,000

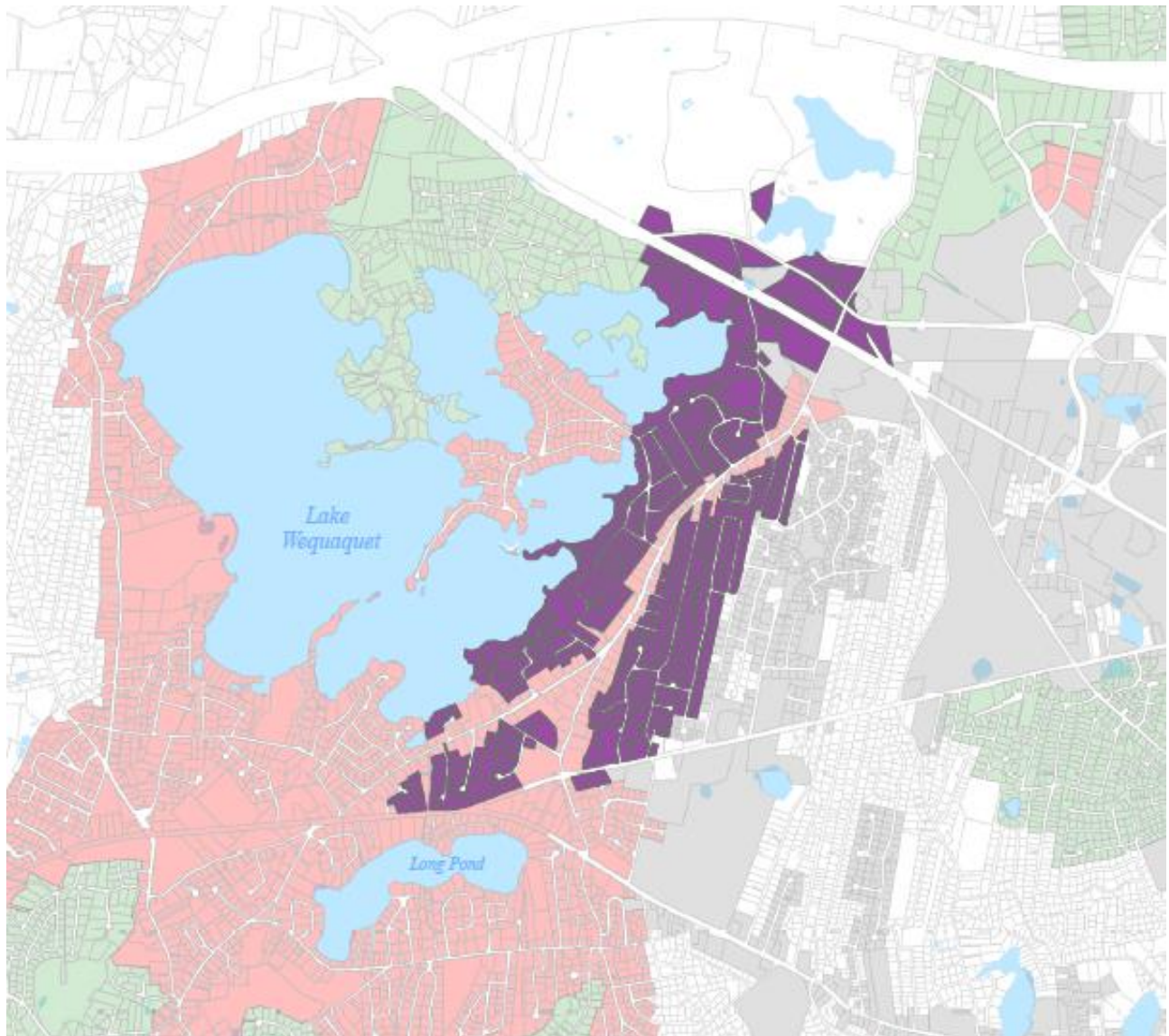
Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2025 (design/permitting) 2028 (construction)	Design & Permit (months)	36	Construction (months)	36
Cost/Description FY 2025 and Follow-On Years:				
Fiscal Year	Cost	Project Description/Components		
2025	-	-		
2026	\$40,000,000	Construction		
2027	-	-		

2028	-	-
2029	-	-

Source of Funding: Sewer Construction and Private Way Fund. Design/permitting is not eligible for State Revolving Fund (SRF) funding. Construction may be eligible for SRF funding and funding from the Cape Cod and Islands Water Protection Fund.

Operating Budget Impact now or in future: Construction of the project will increase routine maintenance for the WPCD as a result of the new infrastructure being added to the system. Construction of the project will increase WPCD operating costs as a result of increased routine maintenance, personnel needs, electricity, etc. associated with the new infrastructure. Revenue will be generated in the form of sewer assessments and sewer usage fees. Construction is anticipated to be completed in FY28 so operating expenses and revenue are not projected until that time.



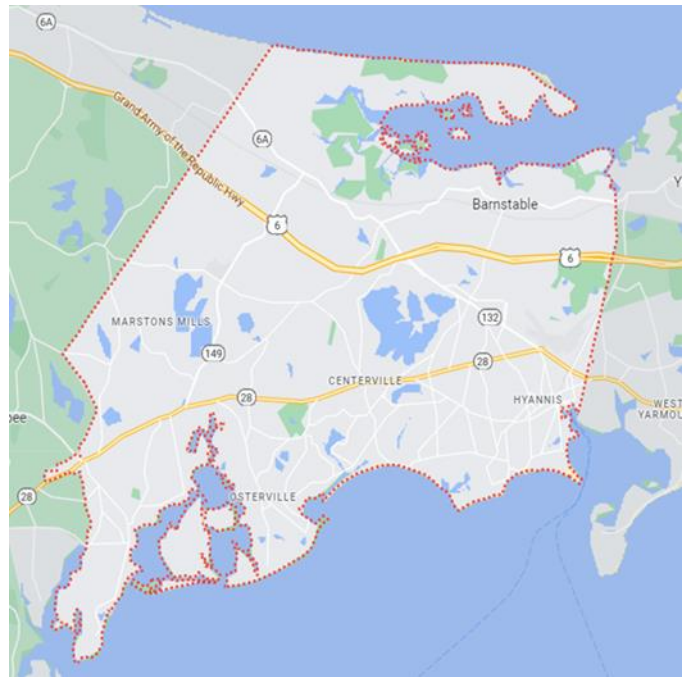
 Phinneys Lane
 Conceptual Sewer, Phase 1: 1-10 years
 Conceptual Sewer, Phase 2: 11-20 years
 Conceptual Sewer, Phase 3: 21-30 years

Project Working Title: Effluent Disposal Alternatives – Design & Permitting

Project Location: TBD

Project Description: This project will continue the Town’s efforts to identify, evaluate, design, permit and eventually construct expanded effluent disposal facilities. This request is for design and permitting of a recommended solution.

Project Justification: Town’s Comprehensive Wastewater Management Plan (CWMP) calls for an additional 2.9 MGD to be treated at the Barnstable WPCF over the course of the next 30 years. In 2020, the Town completed a groundwater modeling project to quantify the amount of effluent that can be disposed of at the Barnstable WPCF. The model predicted that the WPCF is nearing the limits of its disposal capacity by potentially causing groundwater mounding issues, and that additional effluent disposal considerations should be considered to accommodate the increase in the flows proposed in the CWMP. The Town continues to investigate alternative options for effluent, and is working with technical experts, and DEP, on the issue. It is anticipated a recommended solution will emerge in FY2024/25.



Impact of Denial/Postponement: Locating and developing expanded effluent disposal facilities is a critical component of the CWMP. Failing to successfully permit expanded effluent disposal capacity would delay wastewater expansion efforts. Water quality will continue to degrade in the Town’s waterways as sewer projects are put on hold.

Project Cost Estimates:		FY 2025	Future FY
	Construction or Acquisition	-	\$TBD
	Project Management	-	\$TBD
	Project Contingency	-	\$TBD
	All Other Cost	-	\$TBD
	Total Project Cost	-	\$TBD

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2030		Design & Permit (months)	36	Construction (months)	TB D
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$TBD	Final Design, Permitting			
2027	-	-			
2028	\$TBD	Construction			
2029	-	-			

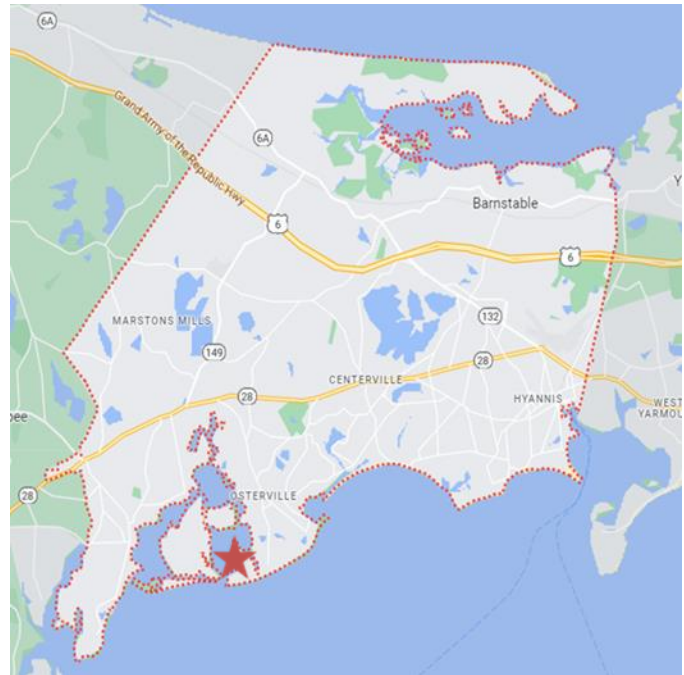
Source of Funding: Sewer Construction and Private Way Fund. Design/permitting is not eligible for State Revolving Fund (SRF) funding. Construction may be eligible for SRF funding and funding from the Cape Cod and Islands Water Protection Fund.

Operating Budget Impact now or in future: This project is expected to increase routine maintenance, the extents of which will be dependent upon selected technology.

Project Working Title: Warren’s Cove Aquaculture Project – Design and Permitting

Project Location: Warren’s Cove, Three Bays Estuary

Project Description: This project intends to implement the recommendations of the feasibility study regarding the benefit of dredging Warren’s Cove for the purpose of becoming a suitable habitat for shellfish. If restoration is feasible, then future phases will include the design, permitting, dredging of this area for the purposes of using the area for shellfish aquaculture to reduce the nitrogen load to the Three Bays Estuary.



Project Justification: The Town’s Comprehensive Wastewater Management Plan (CWMP) identified Warren’s Cove as a potential location for deploying shellfish aquaculture to reduce the nitrogen load from the Marstons Mills River into the Three Bays Estuary. However, in its current condition, Warren’s Cove is unsuitable for shellfish habitat. Therefore, removal of sediments via dredging is necessary to improve the area for shellfish aquaculture. The addition of shellfish in this area can help reduce the nitrogen load to the Three Bays Estuary, improve water quality and potentially reduce the number of properties that need to connect to sewer in the Three Bays Watershed.

Impact of Denial/Postponement: Restoration of Warren’s Cove is identified as an ideal project to be implemented in the first phase (years 0-10) of the CWMP to allow for monitoring and determination of any potential sewer offsets in the second phase (years 10-20). Postponement would potentially extend implementation of this project beyond phase 1.

Project Cost Estimates:	FY 2025	Future FY
Construction or Acquisition	-	\$TBD
Project Management	-	\$TBD
Project Contingency	-	\$TBD
All Other Cost	-	\$TBD
Total Project Cost	-	\$TBD

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date:	Design & Permit (months)	TBD	Construction (months)	TBD
TBD				
Cost/Description FY 2025 and Follow-On Years:				
Fiscal Year	Cost	Project Description/Components		
2025	-	-		
2026	\$TBD	Final Design, Permitting		
2027	-	-		
2028	\$TBD	Construction		

2029	-	-
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Source of Funding: Sewer Construction and Private Way Fund. Design/permitting is not eligible for State Revolving Fund (SRF) funding. Construction may be eligible for SRF funding and funding from the Cape Cod and Islands Water Protection Fund.

Operating Budget Impact now or in future: This project is expected to increase routine maintenance, the extents of which will be dependent upon selected technology.

Photo 1: Floating algae in Warren’s Cove.



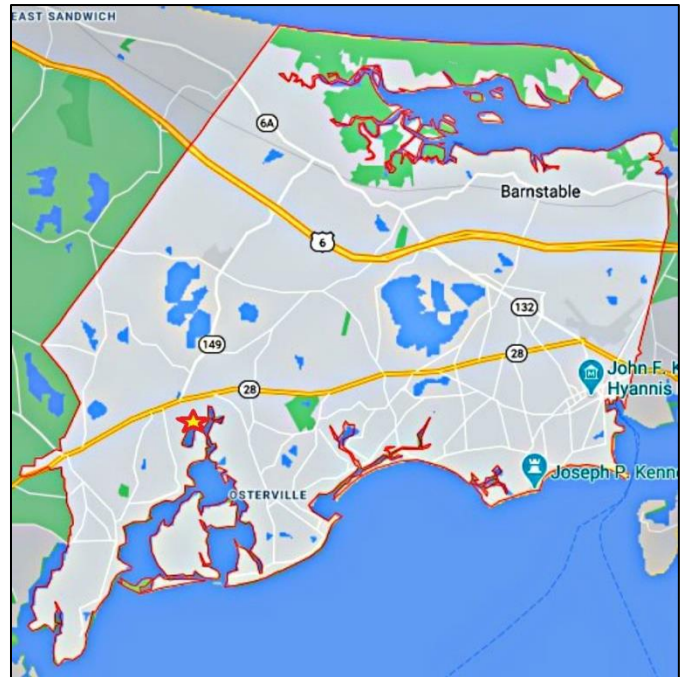
Photo 2: Ulva below the surface in Warren’s Cove.



Project Working Title: Prince Cove Sewer Expansion – Survey and Preliminary Design

Project Location: Properties on the north and east side of Prince Cove, Marstons Mills

Project Description: Expanding sewer to the properties located on the north and east side of Prince Cove. This project area has been identified as a needs area for nitrogen removal and as a result this project was identified in Phase 1 of the Comprehensive Wastewater Management Plan (CWMP). This project will install approximately 5 miles of sewers, connect approximately 200 properties to municipal sewer, collect approximately 45,000 gallons per day of wastewater and remove approximately 4.5 kg/day of nitrogen from the Three Bays Watershed. Construction is anticipated to begin in FY 2030.



Project Justification: The project area has been identified as a needs area for nitrogen removal within the Three Bays Watershed by Massachusetts Estuaries Program (MEP) modeling. As a result, the project area has been identified in Phase 1 of the CWMP.

Impact of Denial/Postponement: The area would remain unsewered and the Three Bays Watershed would continue to receive nutrients and pollutants from septic systems.

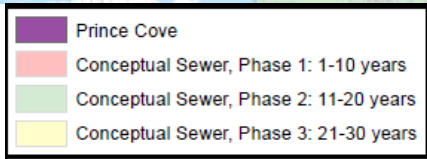
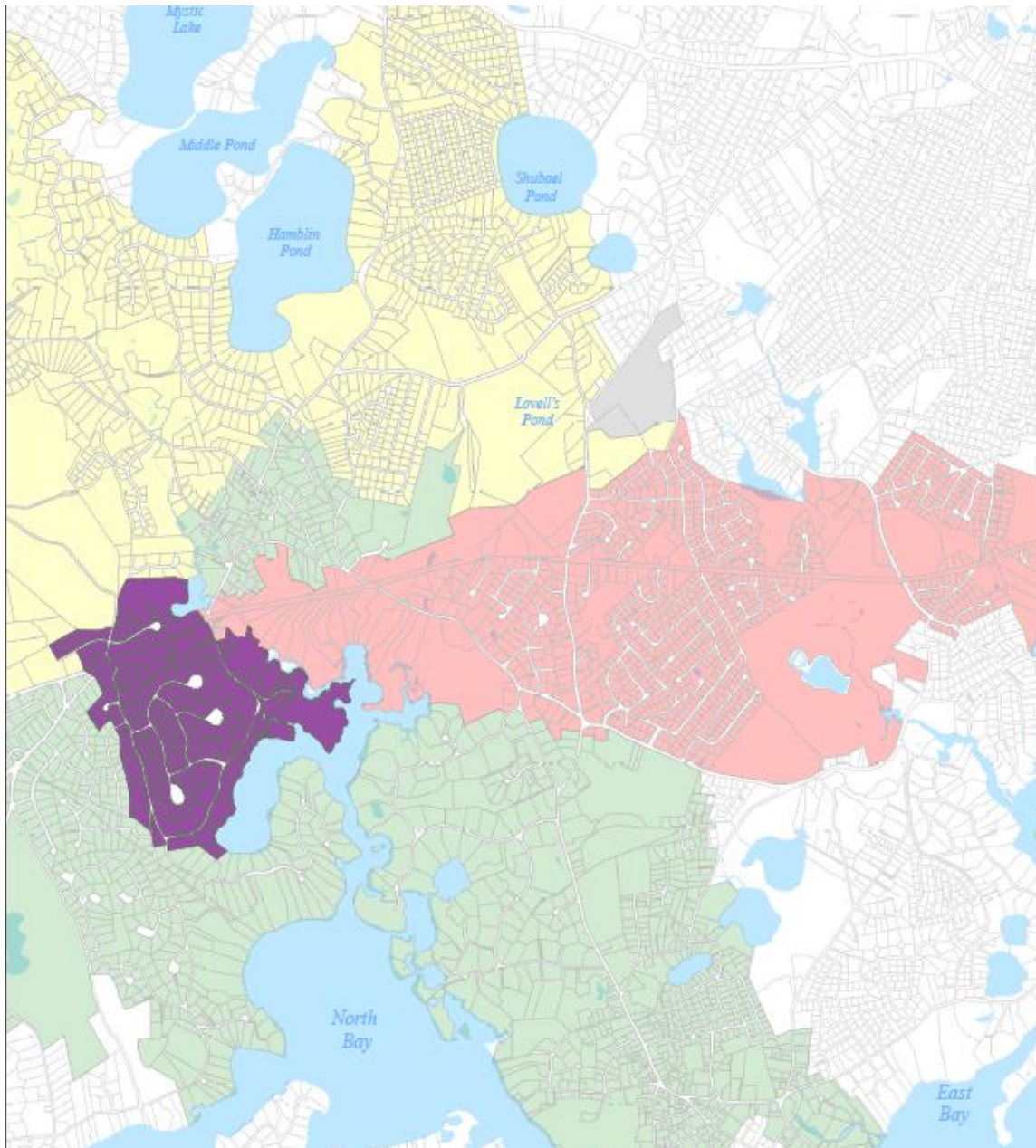
Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$2,250,000
Construction or Acquisition	-	\$20,000,000	
Construction Contingency	-	\$2,000,000	
Project Management	-	\$1,500,000	
Project Contingency	-	\$750,000	
All Other Costs	-	\$750,000	
Total Project Cost	-	\$27,250,000	

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2028 (design/permitting) 2030 (construction)	Design & Permit (months)	36	Construction (months)	24
Cost/Description FY 2025 and Follow-On Years:				
Fiscal Year	Cost	Project Description/Components		
2025	-	-		
2026	-	-		
2027	\$750,000	Survey and Preliminary Design		
2028	\$1,500,000	Final Design and Permitting		
2029	\$25,000,000	Construction		

Source of Funding: Sewer Construction and Private Way Fund. Design/permitting is not eligible for State Revolving Fund (SRF) funding. Construction may be eligible for SRF funding and funding from the Cape Cod and Islands Water Protection Fund.

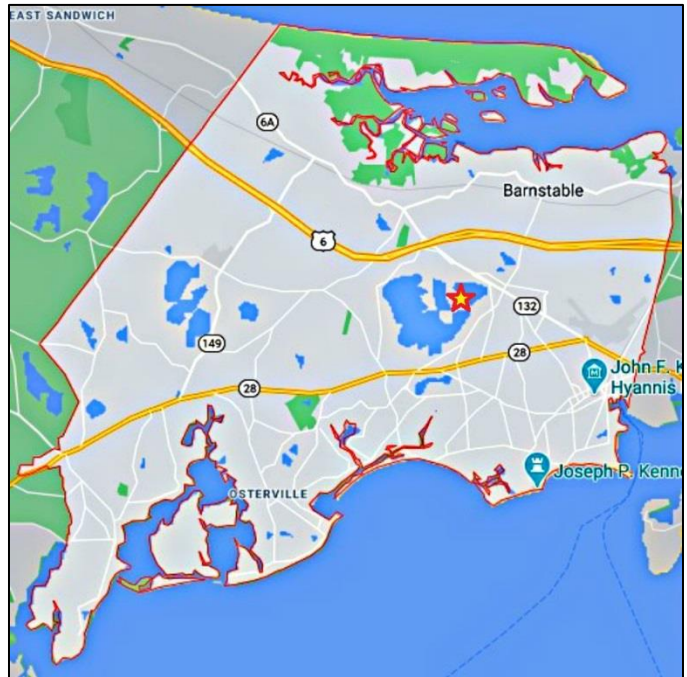
Operating Budget Impact now or in future: This request is for engineering. Construction of the project will increase routine maintenance for the WPCD as a result of the new infrastructure being added to the system. Construction of the project will increase WPCD operating costs as a result of increased routine maintenance, personnel needs, electricity, etc. associated with the new infrastructure. Revenue will be generated in the form of sewer assessments and sewer usage fees. Construction is anticipated to be completed in FY30 so operating expenses and revenue are not projected until that time.



Project Working Title: Huckins Neck Road Sewer Expansion – Survey and Preliminary Design

Project Location: Huckins Neck Rd Barnstable, MA 02632

Project Description: The project will expand municipal sewer to properties located on Huckins Neck, adjacent to Lake Wequaquet, Shallow Pond, and Bearse Pond. This project will include the installation of mostly gravity sewer, some low pressure sewer, and at least one municipal pump station. The project area was identified as a needs area for pond protection and as a result this project was identified in Phase 1 of the Comprehensive Wastewater Management Plan (CWMP). Construction is anticipated to begin in FY2030.



Project Justification: Residences in this area are located in very close proximity to Lake Wequaquet, Shallow Pond, and Bearse Pond and are completely dependent upon on-site solutions to address their wastewater. Additionally, most properties in this area have high groundwater, on replacing on-site septic systems very expensive. In recent years, Lake Wequaquet, Shallow Pond, and Bearse Pond have experienced declining water quality. As a result, the project area was identified as a needs area for pond protection and the project was identified in Phase 1 of the CWMP. This project will install approximately 2.0 miles of sewers, connect approximately 150 properties to municipal sewer, collect approximately 21,500 gallons per day of wastewater and remove approximately 2.1 kg/day of nitrogen from the Centerville River Watershed.

Impact of Denial/Postponement: The area would remain unsewered.

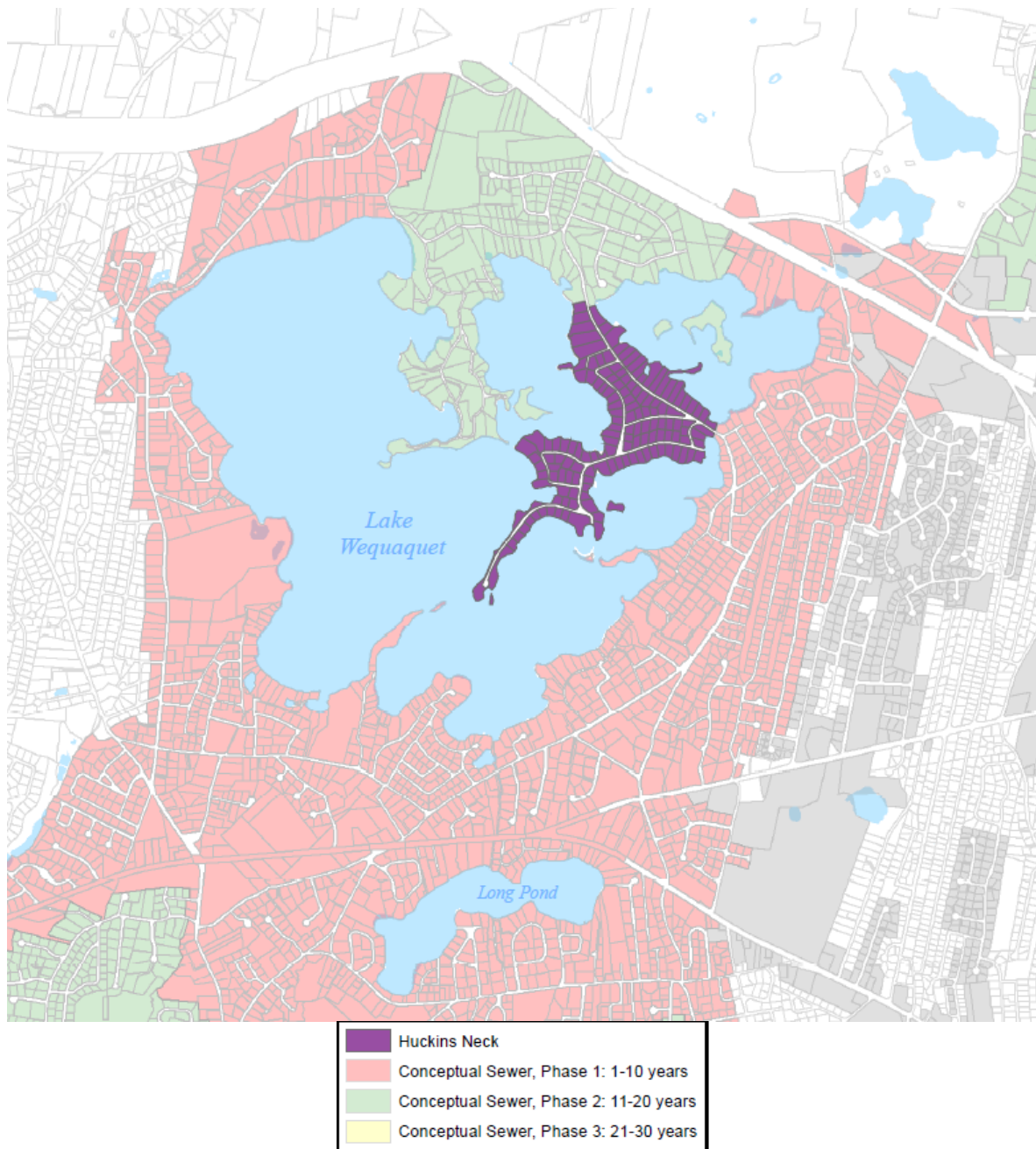
Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$1,000,000
	Construction or Acquisition	-	Additional Costs beyond 5 years
	Construction Contingency	-	-
	Project Management	-	-
	Project Contingency	-	-
	All Other Costs	-	-

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2029 (design/permitting) 2031 (construction)	Design & Permit (months)	36	Construction (months)	24
Cost/Description FY 2025 and Follow-On Years:				
Fiscal Year	Cost	Project Description/Components		
2025	-	-		
2026	-	-		
2027	\$300,000	Survey and Preliminary Design (Final Design FY29 & Construction FY30)		
2028	\$700,000	Final Design		
2029	-	-		

Source of Funding: Sewer Construction and Private Way Fund. Design/permitting is not eligible for State Revolving Fund (SRF) funding. Construction may be eligible for SRF funding and funding from the Cape Cod and Islands Water Protection Fund.

Operating Budget Impact now or in future: This request is for engineering. Construction of the project will increase routine maintenance for the WPCD as a result of the new infrastructure being added to the system. Construction of the project will increase WPCD operating costs as a result of increased routine maintenance, personnel needs, electricity, etc. associated with the new infrastructure. Revenue will be generated in the form of sewer assessments and sewer usage fees. Construction is anticipated to be completed in FY 2031 so operating expenses and revenue is not projected until that time.

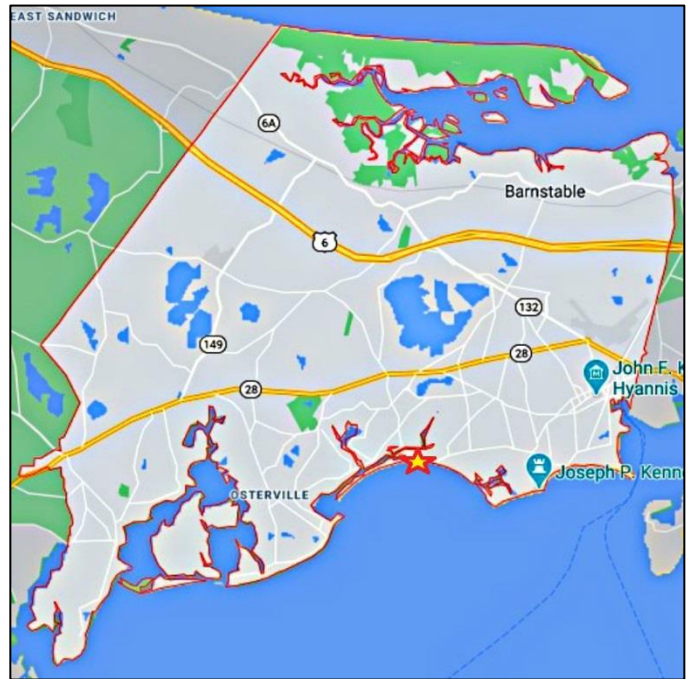


Project Working Title: Long Pond Centerville Sewer Expansion - Construction

Project Location: Long Pond Area, Centerville

Project Description: Construction of sewer expansion to the south of Route 28 around Long Pond in Centerville. It will include gravity sewer, low-pressure sewer, and multiple pump stations. This project is identified in Phase 1 of the Comprehensive Wastewater Management Plan (CWMP). This project will install approximately 9 miles of sewers, connect approximately 530 properties to municipal sewer, collect approximately 100,000 gallons per day of wastewater and remove approximately 10 kg/day of nitrogen from the Centerville River Watershed.

Project Justification: Businesses and residences in this area are completely dependent on on-site solutions to address their wastewater, which has had a deleterious effect on Long Pond and the Centerville River. As a result, the project is identified in Phase 1 of the Comprehensive Wastewater Management Plan.



Impact of Denial/Postponement: Homes and businesses will continue to have to rely on on-site wastewater solutions. Long Pond and Centerville River will continue to receive unhealthy levels of nutrients. The Town ultimately may find that it is forced into this work by regulators or lawsuits due to the Centerville River TMDL.

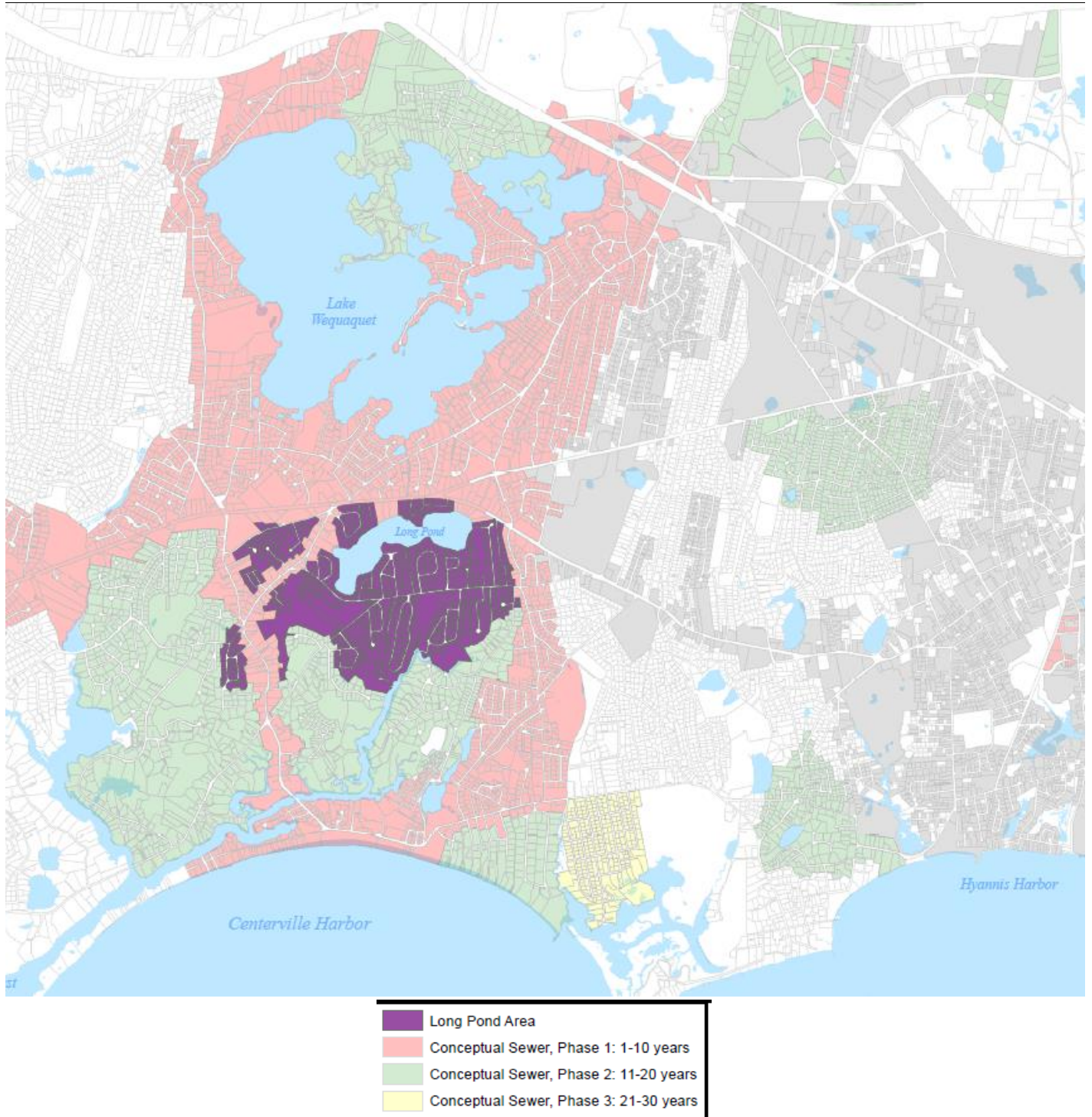
Project Cost Estimates:	FY 2025	Future FY
Design & Permitting	-	-
Construction or Acquisition	-	\$30,000,000
Construction Contingency	-	\$3,000,000
Project Management	-	\$3,000,000
Project Contingency	-	\$1,000,000
All Other Costs	-	\$1,000,000 (Police Details)
Total Project Cost	-	\$38,000,000

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2026 (design/permitting) 2030 (construction)	Design & Permit (months)	48	Construction (months)	48
Cost/Description FY 2025 and Follow-On Years:				
Fiscal Year	Cost	Project Description/Components		
2025	-	-		
2026	-	-		
2027	\$38,000,000	Construction		
2028	-	-		
2029	-	-		

Source of Funding: Sewer Construction and Private Way Fund. Design/permitting is not eligible for State Revolving Fund (SRF) funding. Construction may be eligible for SRF funding and funding from the Cape Cod and Islands Water Protection Fund.

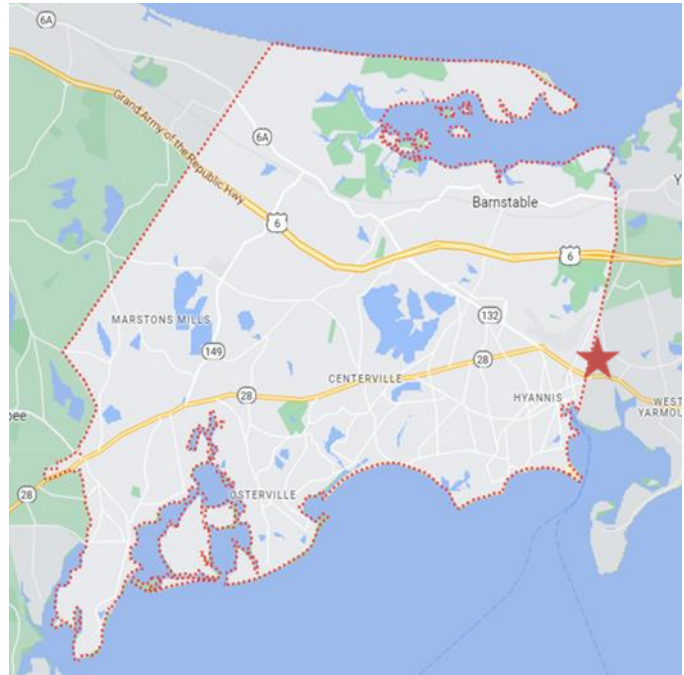
Operating Budget Impact now or in future: Construction of the project will increase WPCD operating costs as a result of increased routine maintenance, personnel needs, electricity, etc. associated with the new infrastructure. Revenue will be generated in the form of sewer assessments and sewer usage fees. Construction is anticipated to be completed in FY30 so operating expenses and revenue are not projected until that time.



Project Working Title: Old Yarmouth Road Sewer Expansion – Construction

Project Location: Old Yarmouth Road, Yarmouth Road, Joaquim Road, Bodick Road, Rosary Lane, Ferndoc Street and Route 28 from Cedar Street to Town Line

Project Description: The project will expand municipal sewer to the north of Route 28 and east of Yarmouth Road. This project would provide municipal sewer to businesses and residences on Old Yarmouth Road, Yarmouth Road, Joaquim Road, Bodick Road, Rosary Lane, Ferndoc Street and Route 28 from Cedar Street to Town Line. The Planning and Development Department has identified this area as a region requiring sewer expansion to promote economic development. The Hyannis Water Systems Maher drinking water wells, which have experienced contamination over the years, are located immediately adjacent to the proposed sewer expansion area. As a result, this project was identified in Phase 1 of the Comprehensive Wastewater Management Plan (CWMP) to address economic development and drinking water protection. This request is to fund survey and final design and permitting for the project. Construction is anticipated to begin in FY2028.



Project Justification: Businesses and residences in this area are completely dependent on on-site solutions to address their wastewater, which has restricted economic growth in the area. Additionally, the proposed sewer expansion area is entirely located within the Zone II to the Hyannis Water System’s Maher drinking water wells, which have experienced contamination over the years. As a result, this project was identified in Phase 1 of the Comprehensive Wastewater Management Plan (CWMP) to address economic development and drinking water protection. This project will install approximately 3.2 miles of sewers, connect approximately 130 properties to municipal sewer, collect approximately 22,000 gallons per day of wastewater and remove approximately 2.2 kg/day of nitrogen from the Lewis Bay Watershed.

Impact of Denial/Postponement: The area would remain unsewered, growth would be limited to what traditional on-site wastewater systems could sustain, and the adjacent drinking water wells would remain vulnerable to pollutants from septic systems.

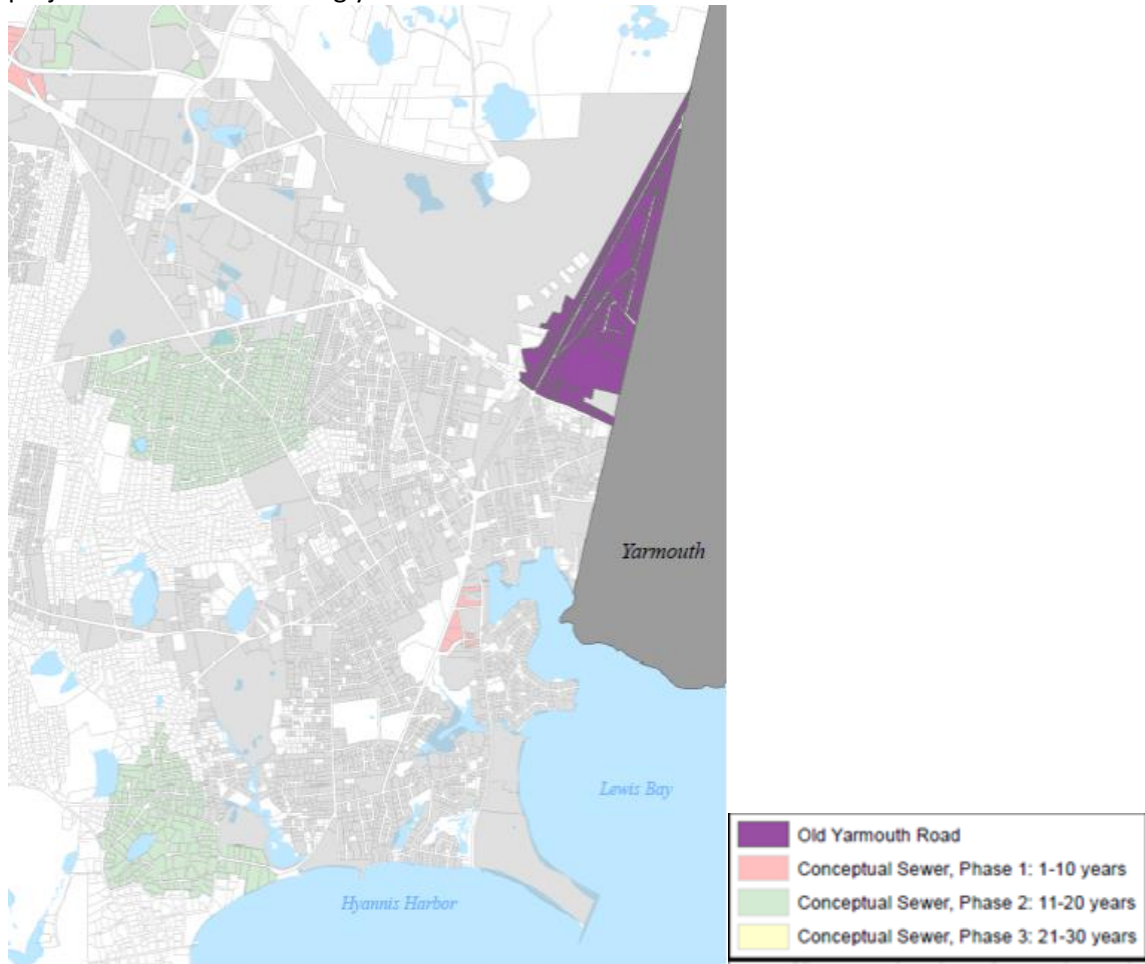
Project Cost Estimates:	FY 2025	Future FY
Design & Permitting	-	-
Construction or Acquisition	-	\$10,000,000
Construction Contingency	-	\$1,000,000
Project Management	-	\$1,000,000
Project Contingency	-	\$250,000
All Other Costs	-	\$500,000 (Police Details)
Total Project Cost	-	\$12,750,000

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2027 (design/permitting) 2029(construction)	Design & Permit (months)	36	Construction (months)	24
Cost/Description FY 2025 and Follow-On Years:				
Fiscal Year	Cost	Project Description/Components		
2025	-	-		
2026	-	-		
2027	-	-		
2028	\$12,750,000	Construction		
2029	-	-		

Source of Funding: Sewer Construction and Private Way Fund. Design/permitting is not eligible for State Revolving Fund (SRF) funding. Construction may be eligible for SRF funding and funding from the Cape Cod and Islands Water Protection Fund.

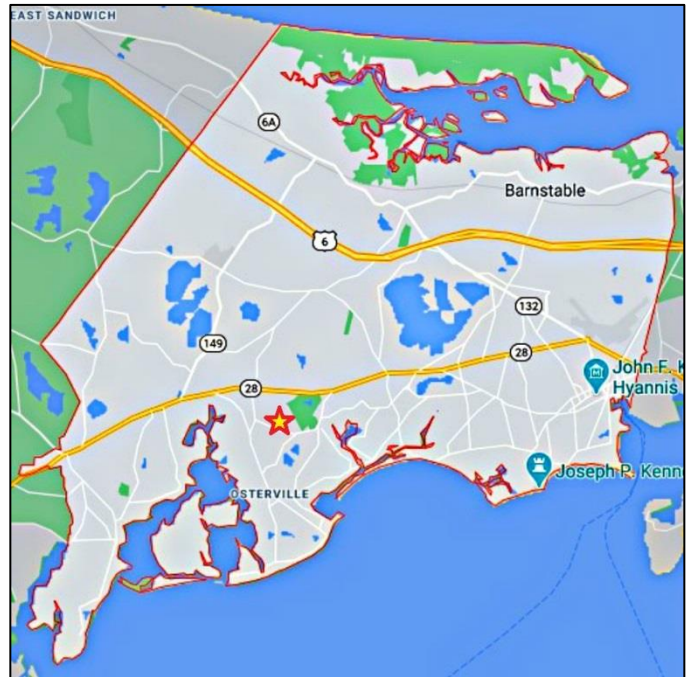
Operating Budget Impact now or in future: This request is for engineering. Construction of the project will increase WPCD operating costs as a result of increased routine maintenance, personnel needs, electricity, etc. associated with the new infrastructure. Revenue will be generated in the form of sewer assessments and sewer usage fees. Construction is anticipated to be completed in FY29 so operating expenses and revenue are not projected until the following year.



Project Working Title: Osterville Woods Sewer Expansion – Survey and Preliminary Design

Project Location: Osterville Woods neighborhoods, Osterville

Project Description: The project will expand municipal sewer to the residential properties located in the Osterville Woods neighborhood and adjacent neighborhoods. This project will include the installation of mostly gravity sewer, some low pressure sewer and at least one municipal pump station. The properties served will feed to the infrastructure to be installed as part of the Route 28 West and East projects. This project area has been identified as a needs area for nitrogen removal and drinking water well protection and as a result this project was identified in Phase 1 of the Comprehensive Wastewater Management Plan (CWMP). This project will install approximately 4.5 miles of sewers, connect approximately 300 properties to municipal sewer, collect approximately 55,000 gallons per day of wastewater and remove approximately 5.5 kg/day of nitrogen.



Project Justification: The western portion of the project area has been identified as a needs area for nitrogen removal within the Three Bays Watershed by Massachusetts Estuaries Program (MEP) modeling. The entire project area has been identified as a needs area for drinking water well protection as the project area is located within the Zone II to COMM Water supply wells. As a result, the project area was identified as a needs area for nitrogen removal and pond protection and the project was identified in Phase 1 of the CWMP.

Impact of Denial/Postponement: The area would remain unsewered and the Three Bays Watershed and COMM drinking water wells would continue to receive nutrients and pollutants from septic systems.

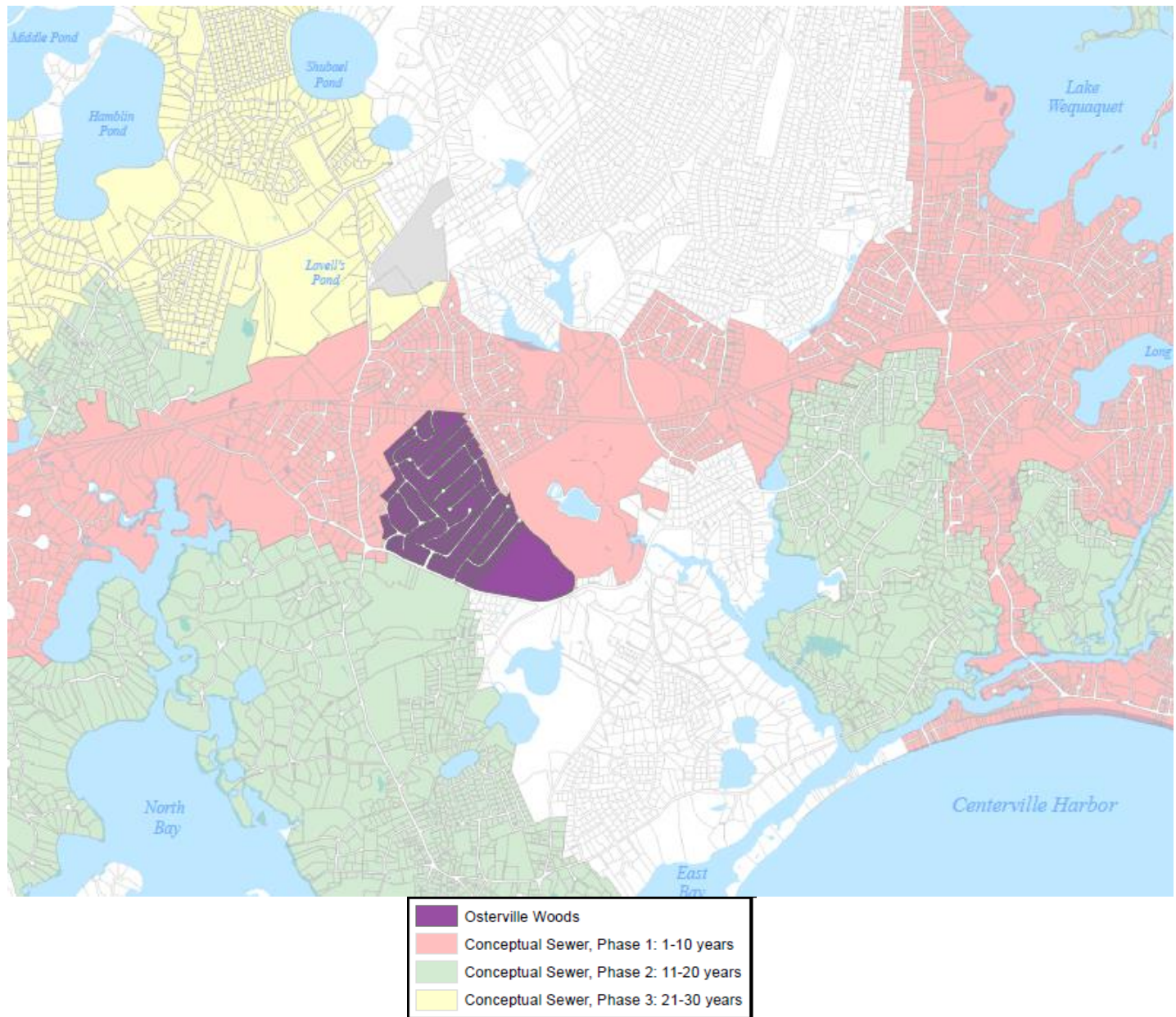
Project Cost Estimates:		FY 2024	Future FY
	Design & Permitting	-	\$2,000,000
Construction or Acquisition	-	FY 2031	
Project Contingency	-	FY 2031	
Project Management	-	FY 2031	
All Other Costs	-	FY 2031	
Total Project Cost	-	\$20,000,000	

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2027 (design/permitting) 2030 (construction)	Design & Permit (months)	36	Construction (months)	36
Cost/Description FY 2025 and Follow-On Years:				
Fiscal Year	Cost	Project Description/Components		
2025	-	-		
2026	-	-		
2027	-	-		
2028	\$600,000	Survey and Preliminary Design		
2029	\$1,400,000	Final Design and Permitting (Construction FY31)		

Source of Funding: Sewer Construction and Private Way Fund. Design/permitting is not eligible for State Revolving Fund (SRF) funding. Construction may be eligible for SRF funding and funding from the Cape Cod and Islands Water Protection Fund.

Operating Budget Impact now or in future: This request is for engineering. Construction of the project will increase routine maintenance for the WPCD because of the new infrastructure being added to the system. Construction of the project will increase WPCD operating costs because of increased routine maintenance, personnel needs, electricity, etc. associated with the new infrastructure. Revenue will be generated in the form of sewer assessments and sewer usage fees. Construction is anticipated to be completed in FY 2030 so operating expenses and revenue is not projected until that time.



Enterprise Fund Projects

Airport Enterprise Fund

PROJECT: AIR-25

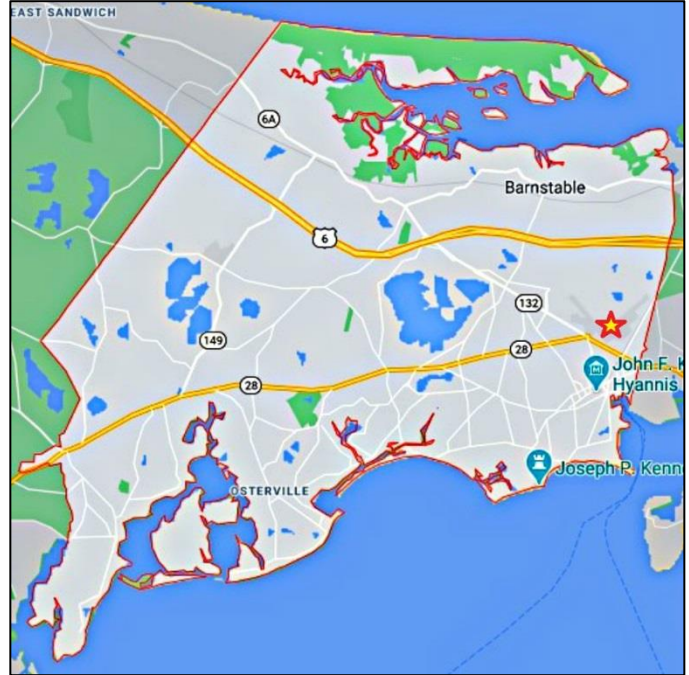
DEPARTMENT PRIORITY: 4 of 11

Project Working Title: Replace SRE Equipment - Airport #32 (Chevy 2500HD circa 2001)

Project Location: 480 Barnstable Road, Hyannis, MA 02601

Project Description: Snow Removal Equipment (SRE) must be maintained regularly to better serve their function and quickly and efficiently respond to airfield snow removal tasks and emergencies; and if certain Federal Aviation Administration (FAA) approved equipment is eligible for replacement with FAA grant assistance, SRE vehicles and equipment must be evaluated and replaced as necessary. This project is to replace Airport #32 (Chevy 2500HD circa 2001)

Project Justification: With approximately 1.5 million square feet of pavement, that includes two active runways, several aircraft taxiways and aircraft parking ramps that must be maintained and opened as soon as possible during snow events and to maintain our FAA FAR Part 139 airport certification, certain equipment must be available and in good condition to perform as required.



Impact of Denial/Postponement: The airport may not be able to meet mandated FAA FAR Part 139 certification requirements and would be decertified; the airport would not be able to maintain operations, nor remove snow in order to keep the runways open and safe for operation; the airport would be unable to provide a safe operation for the continuation of commerce as part of the national airspace plan; the airport would be unable to respond to airfield emergencies, with the potential for decreased flight safety, increased property damage, and would unnecessarily endanger lives and property.

Project Cost Estimates:		FY 2025	Future FY
	Construction or Acquisition	-	\$77,000
	All Other Cost	-	\$3,000
	Total Project Cost	-	\$80,000

Basis for Cost Estimates: Fee estimates were developed by the Airport’s on-call Engineering team, Airport Solutions Group, 8/26/2023. The project will be bid through the Town of Barnstable’s Chief Procurement Office for the equipment needed.

Project Estimated Completion Date: FY 2026		Design & Permit (months)	6	Construction (months)	6
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$80,000	Replace SRE Equipment - Airport #32 (Chevy 2500HD circa 2001)			

2027	-	-
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Source of Funding: Funding by MassDOT AD (80%), and local share (20%) from airport enterprise funds. Airport share is \$16,000

Operating Budget Impact now or in future: Routine vehicle maintenance.



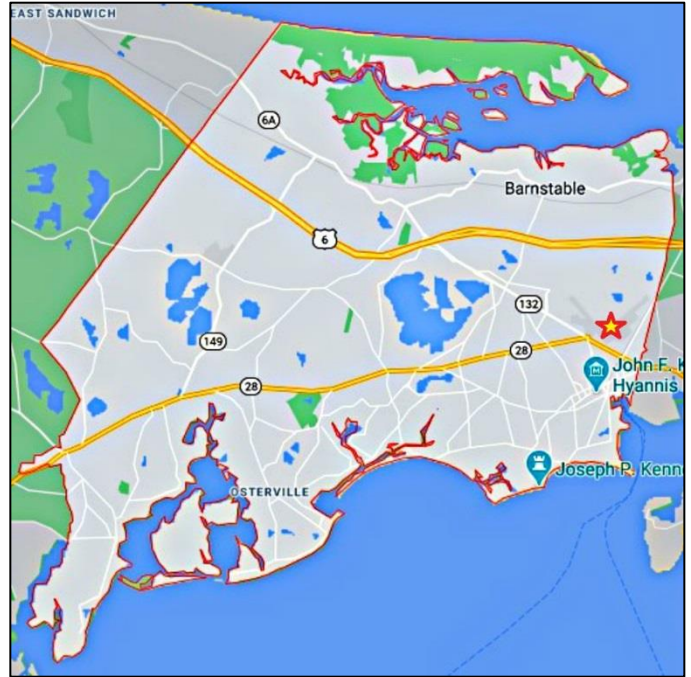
Airport #32 (Chevy 2500HD circa 2001)

Project Working Title: Design, Construct, Relocate and Extend Taxiway B (Approx. 4,500ft x 50ft) between the East Ramp and RWY 6-24 (not including the Glide Slope critical area)

Project Location: 480 Barnstable Road, Hyannis, MA 02601

Project Description: As part of the Federal Aviation Administration’s (FAA) goals to improve and correct airport layout deficiencies, enhance aircraft safety, and insure compliance with regulatory guidance, this project serves to correct major deterioration associated with taxiway Bravo (circa 1962) as well as realigning, reconstructing, shifting and extending the taxiway to insure compliance with regulatory guidance.

Project Justification: This project is among the final steps in a multi-year process to modify and bring the airport runways and associated taxiways into compliance with FAA airport design criteria; and to meet the requirements of the FAA Airport Layout Plan and the Airport Master Plan. In June of 2013, the MassDOT Aeronautics Division completed a statewide pavement management report that shows Taxiway Bravo as having a pavement condition index (PCI) of 34, with 0 being the worst condition, to 100 being the best condition. A PCI of 85 to 100 normally requires only preventative maintenance. A PCI of 55 to 70 requires major rehabilitation. The project is also subject to the Airport Master Plan Update review and permitting which may identify the project to include realigning, reconstructing, shifting and extending the taxiway.



The project increased in scope in 2021 due to the results of the airport master plan and the length of pavement to be replaced (from 1,600ft x 50ft to 4,500ft x 50ft).

Impact of Denial/Postponement: Denial or postponement of funding for this project will negatively affect aircraft and airport operations for the airport, and the airport will not be in compliance with FAA airport design criteria.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$600,000
	Construction or Acquisition	-	\$8,195,000
	All Other Cost	-	\$5,000
	Total Project Cost	-	\$8,800,000

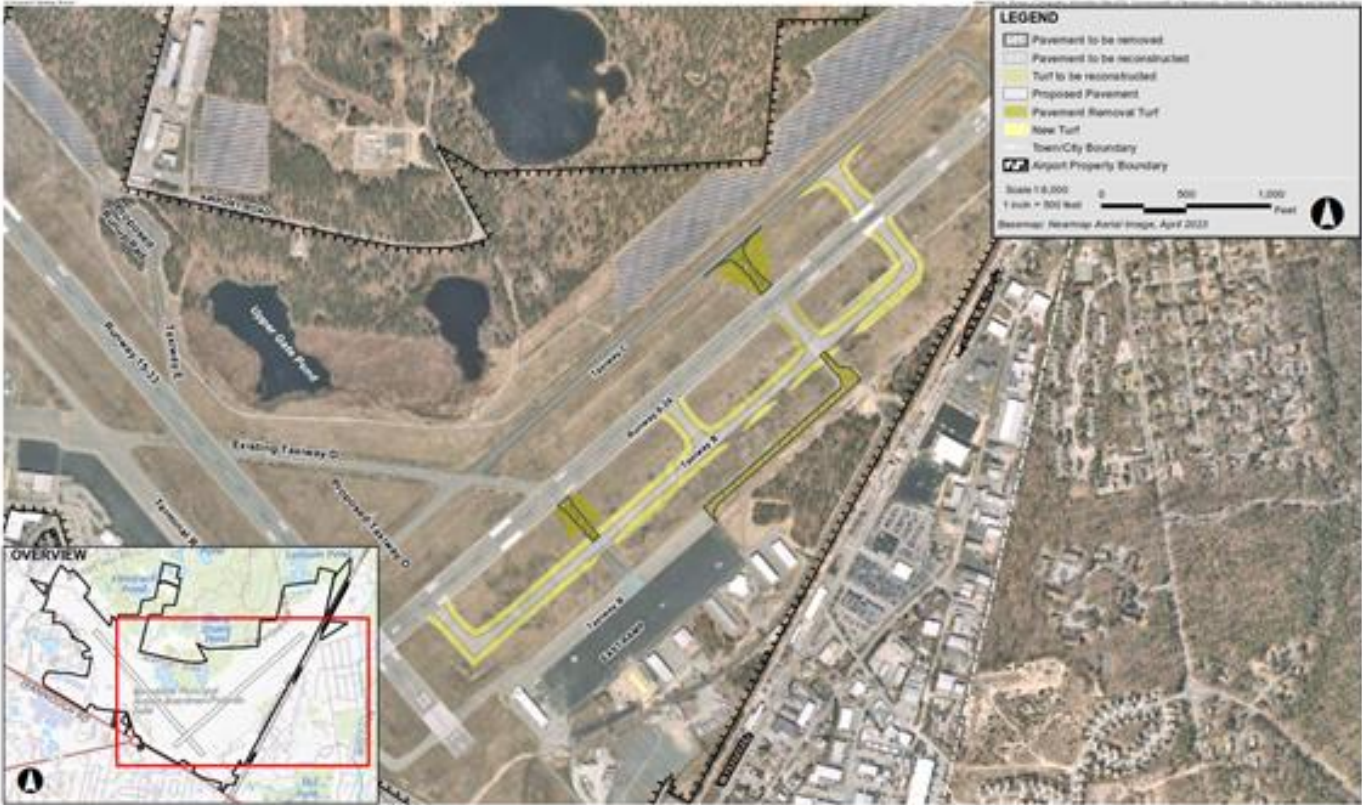
Basis for Cost Estimates: An estimate of fees were developed by the Airport’s on-call Engineering team, Airport Solutions Group, and their architectural subconsultants, on 10/25/2023. The SOW and fees will undergo an Independent Fee Estimate (IFE) as required by the Federal Aviation Administration (FAA), the lead funding agency for this project. The project will be bid through the Town of Barnstable’s Chief Procurement Office.

Project Estimated Completion Date: FY 2027		Design & Permit (months)	12	Construction (months)	10-12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			

2026	\$8,800,000	Design, Construct, Relocate and Extend Taxiway B (Approx. 1,600ft x 50ft) between the East Ramp and RWY 6-24 (not including the Glide Slope critical area)
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Source of Funding: Funding by FAA (90%) (AIP and /or FAA Supplemental Funding), MassDOT AD (5%), and local share (5%) from airport enterprise funds. Airport share is \$440,000.

Operating Budget Impact now or in future: New pavement will reduce labor and maintenance costs.



Cape Cod Gateway Airport Barnstable, Massachusetts

Figure 2.2-2
Proposed Taxiway B Relocation

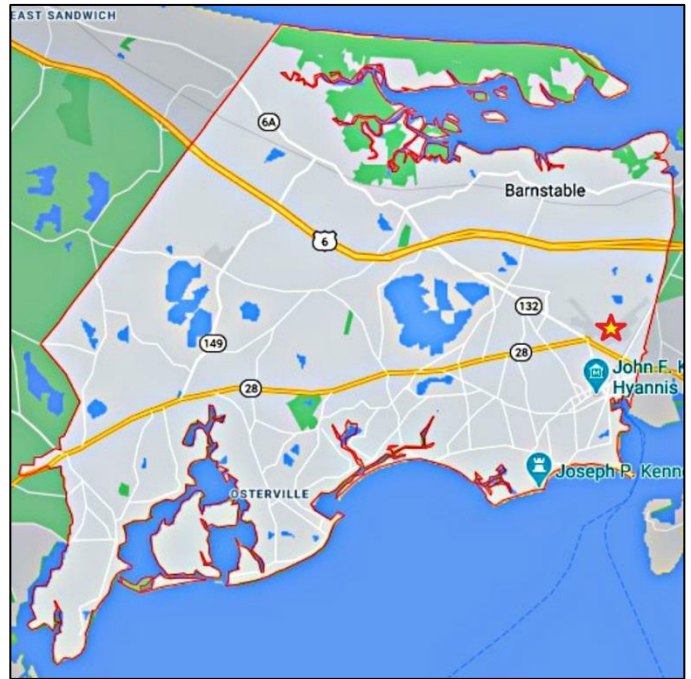
Relocate and Extend Taxiway B (Approx. 4,500ft x 50ft)

Project Working Title: Design, Permit & Construct Terminal Upgrades - Phase I - TSA hold room expansion.

Project Location: 480 Barnstable Road, Hyannis, MA 02601

Project Description: Identified for need improvements proposed at the Cape Cod Gateway Airport as part of the Airport Master Plan Update, the terminal was identified for expansion/modifications to more adequately respond to passenger needs now and in the future.

The proposed project is the design, permitting and construction per the planning study conducted in FY2025 to renovate the terminal facility to meet the needs and standards, including Transportation Security Administration (TSA) requirements (TSA’s Recommended Security Guidelines for Airport Planning, Design, and Construction). During the COVID-19 pandemic, deficiencies were noted with an inability to efficiently provide social distancing within current terminal spaces during seasonal increases in passenger traffic. With the anticipated arrival of American Airlines in the summer of 2024, and existing tenants of JetBlue and Cape Air and their customers, the current terminal building’s existing deficiencies will swell, which include lack of passenger check-in space; inbound/outbound baggage screening; passenger hold room space; and terminal support space.



Terminal enhancements were identified in the Airport Master Plan Update but with little detail except for anticipated square foot requirements based on passenger forecasts. A FY2025 planning effort will identify the scope of the construction project

Project Justification: Terminal enhancements were identified in the Airport Master Plan Update but with little detail except for anticipated square foot requirements based on passenger forecasts. A FY2025 planning effort will identify the scope of the construction project. The construction may be completed in phases based on funding and grant eligibility. The project is needed to correct spacing deficiencies noted within current terminal spaces during seasonal increases in passenger traffic. With the anticipated arrival of American Airlines in the summer of 2024, and existing tenants of JetBlue and Cape Air and their customers, the current terminal building’s existing deficiencies will swell, which include lack of passenger check-in space; inbound/outbound baggage screening; passenger hold room space; and terminal support space.

Impact of Denial/Postponement: Long-term improved condition of the airport terminal to accommodate existing and new users of the facility and to meet TSA’s Recommended Security Guidelines for Airport Planning, Design, and Construction.

Project Cost Estimates:	FY 2025	Future FY
Design & Permitting	-	-
Construction or Acquisition	-	\$6,500,000
All Other Cost	-	-
Total Project Cost	-	\$6,500,000

Basis for Cost Estimates: An estimation of fees based on fees associated with recent renovation projects at the airport including the Airport Operations facility (\$6.4M). A more refined Scope of Work (SOW) and fees will need to be developed. The SOW and fees will undergo an Independent Fee Estimate (IFE) as required by the Federal Aviation Administration (FAA) if federal funding is used. The project will be bid through the Town of Barnstable’s Chief Procurement Office if necessary or use existing on-call services. The airport anticipates combining grants awarded for FY2024, FY2025 and FY2026 (\$3M) (BIL Act Funds) plus other funding sources such as competitive BIL funding for this project.

Project Estimated Completion Date: 2027		Design & Permit (months)	12	Construction (months)	12-18
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	-	-			
2027	\$6,500,000	Design, Permit & Construct Terminal Upgrades - Phase I - TSA hold room			

Source of Funding: Typical reimbursable funding from FAA (90%), MassDOT Aeronautics (5%) and local share (5%) is not guaranteed. Currently, Airport share is \$325,000.00.

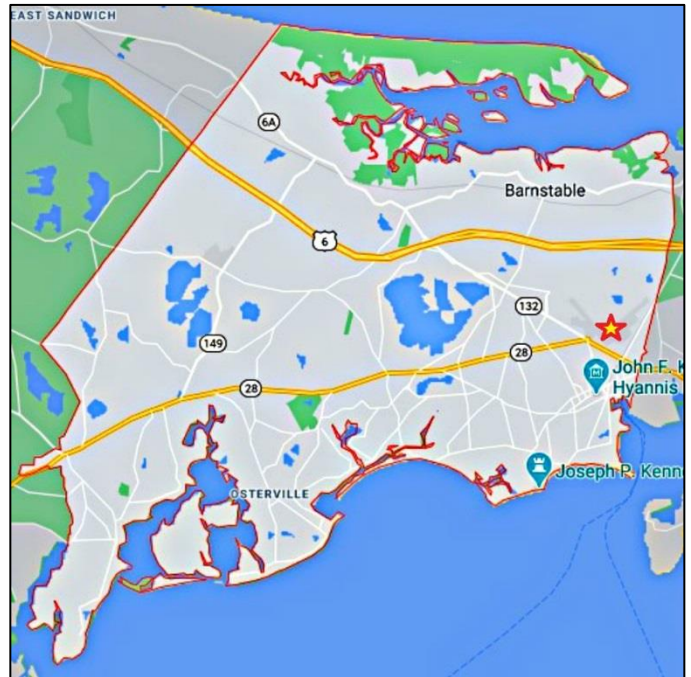
Operating Budget Impact now or in future: Facility routine maintenance is expected.

Project Working Title: Replace SRE Equipment - Airport #38 (ASV Skid Steer Plow for EMAS circa 2004).

Project Location: 480 Barnstable Road, Hyannis, MA 02601

Project Description: As a public use airport, Cape Cod Gateway Airport is required to maintain the facility to meet various Federal Aviation Administration (FAA) requirements and to satisfy its Airport Certification (FAA FAR Part 139 airport certification) requirements per the Department of Transportation. This includes removal of snow and other runway contamination to federal standards and for the safety of the flying public.

Snow Removal Equipment (SRE) must be maintained regularly to ensure that during snow events, the airport can adequately and safely remove snow and other airfield contaminants (ice, slush and etcetera) from all surfaces. It is a requirement of the FAA and various federal regulations and assurances to maintain the airport in an open condition for public use (similar to DOT and Town owned roads).



When certain FAA approved equipment is eligible for replacement with FAA grant assistance, SRE vehicles and equipment must be evaluated and replaced as necessary so that the airport has the ability to meet requirements of its operating certificate and FAA airport mandates. This project is to replace Airport #38 (ASV Skid Steer Plow for EMAS circa 2004).

Project Justification: With approximately 1.5 million square feet of pavement, that includes two active runways, several aircraft taxiways and aircraft parking ramps that must be maintained and opened as soon as possible during snow events and to maintain our FAA FAR Part 139 airport certification, certain equipment must be available and in good condition to perform as required. Failure to do so would be in violation of the FAR Part 139 airport certification, and various Airport Grant Assurances, violating federal law.

Impact of Denial/Postponement: To deny or postpone funding of this capital project will not allow the Airport to be operational for the general public and/or in full compliance with Federal, State, and Local agencies and may also have long term financial consequences with regard to receipt of future Federal and State grants.

With approximately 1.5 million square feet of pavement, that includes two active runways, several aircraft taxiways and aircraft parking ramps that must be maintained and opened as soon as possible during snow events and to maintain our FAA FAR Part 139 airport certification, certain equipment must be available and in good condition to perform as required. Failure to do so would be in violation of the FAR Part 139 airport certification, and various Airport Grant Assurances, violating federal law.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$27,000
	Construction or Acquisition	-	\$70,000
	All Other Cost	-	\$3,000
	Total Project Cost	-	\$100,000

Basis for Cost Estimates: Fee estimates were developed by the Airport’s on-call Engineering team, Airport Solutions Group, 8/26/2023. The project will be bid through the Town of Barnstable’s Chief Procurement Office for the equipment needed.

Project Estimated Completion Date: FY 2027		Design & Permit (months)	3	Construction (months)	6-12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	-	-			
2027	\$100,000	Replace SRE Equipment - Airport #38 (ASV Skid Steer Plow for EMAS circa 2004).			

Source of Funding: Funding by MassDOT AD (80%), and local share (20%) from airport enterprise funds. Airport share is \$20,000.

Operating Budget Impact now or in future: Routine vehicle maintenance.



Airport #38 (ASV Skid Steer Plow for EMAS circa 2004)

Project Working Title: Design & Construct Reconstruction and Re-Alignment of Taxiways Delta and Echo at Runway 15 (includes Run-Up Pit).

Project Location: 480 Barnstable Road, Hyannis, MA 02601

Project Description: As part of the Federal Aviation Administration’s (FAA) goals to improve and correct airport layout deficiencies, enhance aircraft safety, and insure compliance with regulatory guidance, this project serves to correct major operational aircraft ground and runway safety area (RSA) deficiencies associated with a portion of taxiway Delta (circa 1998) and taxiway Echo (circa 1980) where they intersect with Runway 15-33.

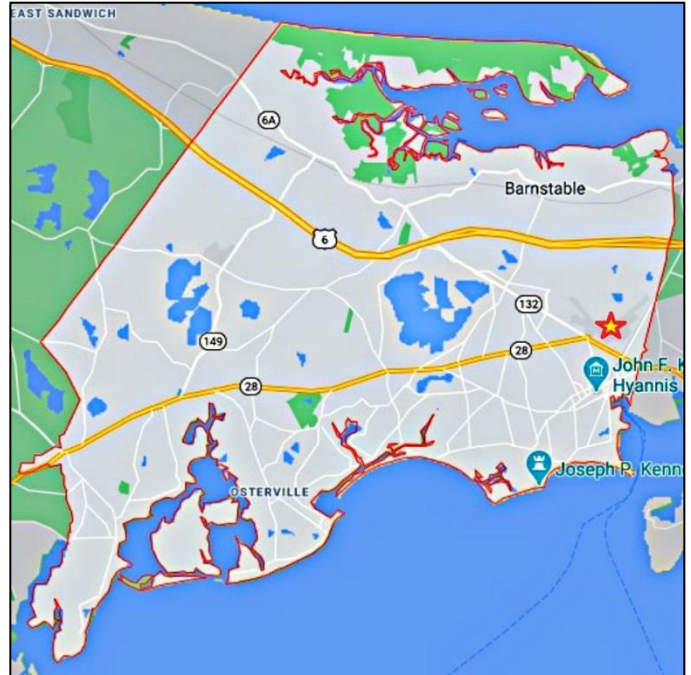
Project Justification: This reconstruction project for approximately a 1,300 foot by 50 foot portion of Taxiway D (between Taxiway Charlie and Runway 15-33) and the entire 800 foot x 50 foot Taxiway Echo and aircraft engine run-up pit of approximately 54,000 square feet in size, are among the final steps in a multi-year process to modify and bring the airport runways and associated taxiways into compliance with FAA airport design criteria; and to meet the requirements of the FAA Airport Layout Plan and the Airport Master Plan.

In June of 2013, the MassDOT Aeronautics Division completed a statewide pavement management report that shows Taxiway Delta as having a pavement condition index (PCI) of 86, with 0 being the worst condition, to 100 being the best condition. A PCI of 85 to 100 normally requires only preventative maintenance; however, the FAA noted that this taxiway does not meet alignment standards and the angle in which it intersects with Runway 15-33 is in need of correction. The FAA wants to see all taxiways that intersect runways to be at a 90-degree angle. Taxiway Echo was identified in the same report as having a PCI of 59. A PCI of 55 to 70 requires major rehabilitation. A new MassDOT pavement condition index report is being conducted to update and confirm the earlier study. The project is also subject to the Airport Master Plan Update and Environmental Assessment review and permitting and modifications are needed to meet FAA design criteria.

Impact of Denial/Postponement: To deny or postpone funding of this capital project will not allow the Airport to be operational for the general public and/or in full compliance with Federal, State, and Local agencies and may also have long term financial consequences with regard to receipt of future Federal and State grants.

Denial or postponement of funding for this project will negatively affect aircraft and airport operations for the airport, and the airport will not be in compliance with FAA airport design criteria.

A failure of these systems would be catastrophic to airport facilities, causing disruption to air carrier and charter services that rely on sound, debris free, safe pavement for safe aircraft movement.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting		-
Construction or Acquisition		-	12,200,000
All Other Cost		-	-
Total Project Cost		-	12,200,000

Basis for Cost Estimates: An estimate of fees were developed by the Airport’s on-call Engineering team, Airport Solutions Group, and their architectural subconsultants, on 10/25/2023. The SOW and fees will undergo an Independent Fee Estimate (IFE) as required by the Federal Aviation Administration (FAA), the lead funding agency for this project. The project will be bid through the Town of Barnstable’s Chief Procurement Office.

Project Estimated Completion Date: FY 2027		Design & Permit (months)	12	Construction (months)	6-10
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	-	-			
2027	-	-			
2028	\$12,200,000	Design & Construct Reconstruction and Re-Alignment of Taxiways Delta and Echo			

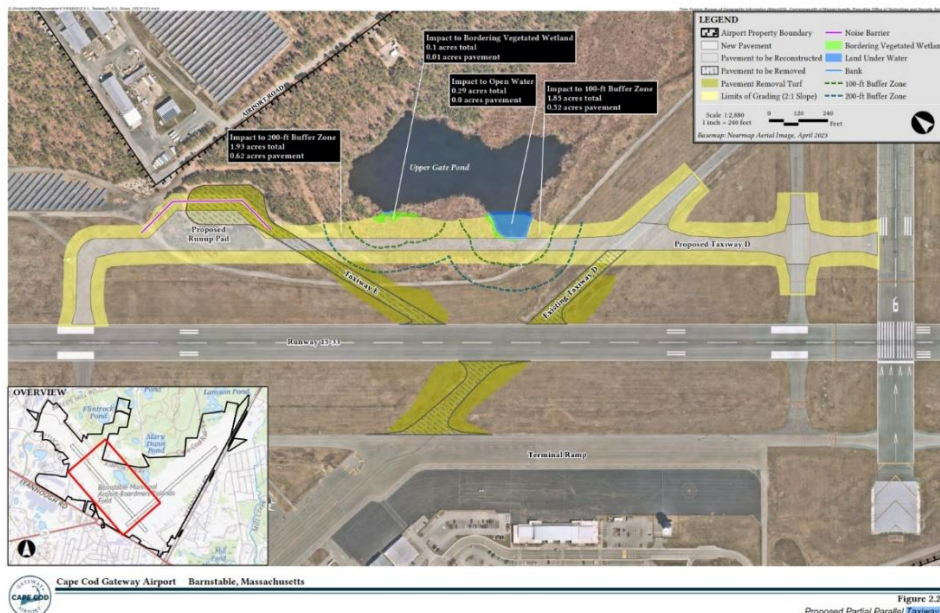
Source of Funding: Reimbursable funding from FAA (90%), MassDOT Aeronautics (5%) and local share (5%). Airport share is \$610,000.00.

Operating Budget Impact now or in future: New pavement will reduce labor and maintenance costs.



Taxiway E

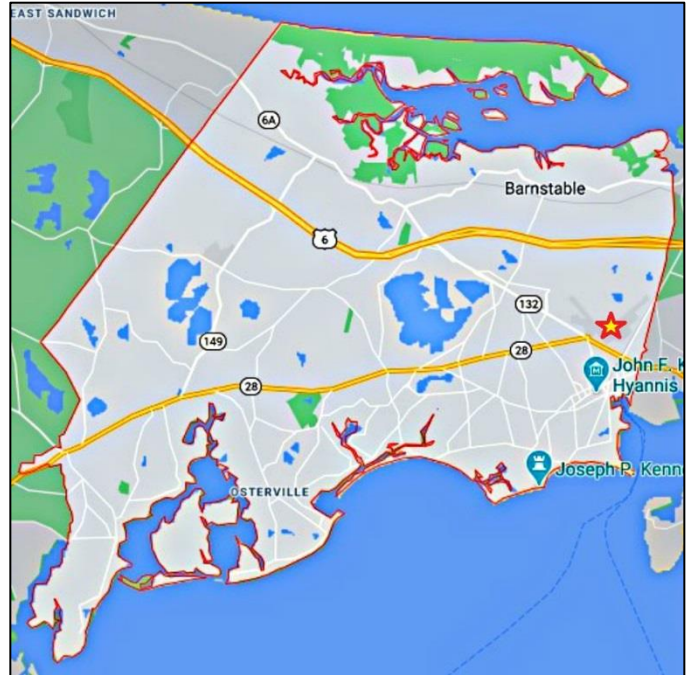
Taxiway D



Project Working Title: Design & Acquire Easements/Acquisition for Future Construction/Runway extension - acquisition will be implemented on a phased approach as properties become available or easements acquired.

Project Location: 480 Barnstable Road, Hyannis, MA 02601

Project Description: Airport owners occasionally need to acquire easements the airport to protect the runway approaches. The Federal Aviation Administration (FAA) provides funding for these purposes. It is always preferable for an airport to be surrounded by a buffer of vacant property. However, when adjacent property has already been developed, the FAA may conclude that an aviation easement is appropriate to control any future air rights that might be hazardous to flight to protect the airspace from obstructions. Certain regulations require the acquisition of sufficient property rights (such as air rights) that will protect an runways approach and both pilots and the people on the ground.



An aviation easement is a property right acquired from a landowner which protects the use of airspace above a specified height and imposes limitations on use of the land subject to the easement. Generally, uses that attract birds or interfere with pilot visibility and instrumentation are prohibited. Whether or not existing uses and structures are permitted to remain often is a function of the distance from the runway. Any manmade structures or natural growth which penetrates the specified heights must be removed. A typical aviation easement not only describes the rights acquired and restrictions on the use of the property, it will also include a document called Exhibit A, which provides a graphic depiction of the elevations and dimensions of the easement.

Project Justification: The total project is estimated at \$13.5M and includes existing and proposed easements/acquisition (\$10M accounts for existing easements in the Runway Protection Zone (RPZ) and \$3.5M accounts for proposed RPZ). Easements are needed and necessary to meet existing runway approach clearance requirements as noted above and to implement development alternatives that improve the airport and future operations. The following projects require easements:

- Existing Runway approaches; and
- Runway 15/33 extension approaches.

Impact of Denial/Postponement: To deny or postpone funding of this capital project will not allow the Airport to be in full compliance with Federal, State, and Local agencies and may also have long term financial consequences with regard to receipt of future Federal and State grants.

Denial or postponement of funding for this project may negatively affect aircraft and airport operations and the airport will not be in compliance with FAA airport design criteria.

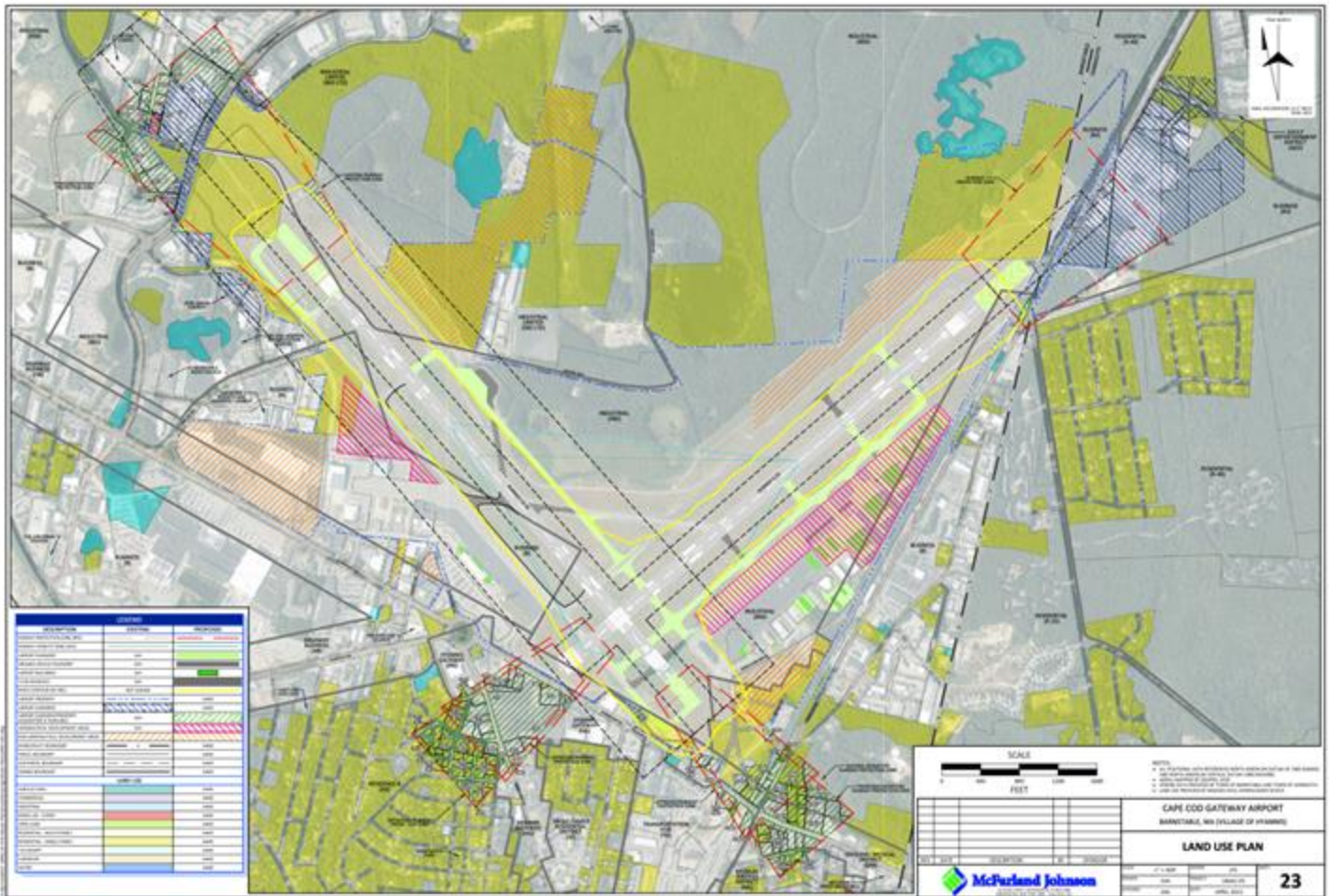
Project Cost Estimates:		FY 2025	Future FY
	Construction or Acquisition	-	\$13,500,000
	Total Project Cost	-	\$13,500,000

Basis for Cost Estimates: McFarland Johnson (on-call airport planning consulting firm in 2020) conducted cost estimates in August 2020 based on past reporting and monitoring requirements as well as similar projects at other nearby airports. The SOW and fees will undergo an Independent Fee Estimate (IFE) as required by the Federal Aviation Administration (FAA), the lead funding agency for this project. The project will be bid through the Town of Barnstable's Chief Procurement Office.

Project Estimated Completion Date: 2028/29	Design & Permit (months)	12-24	Construction (months)	-
Cost/Description FY 2025 and Follow-On Years:				
Fiscal Year	Cost	Project Description/Components		
2025	-	-		
2026	-	-		
2027	-	-		
2028	\$6,750,000	Design & Acquire Easements for Future Construction/Runway extension		
2029	\$6,750,000	Design & Acquire Easements for Future Construction/Runway extension		

Source of Funding: Reimbursable funding from FAA (90%), MassDOT Aeronautics (5%) and local share (5%). Airport share is \$337,500.00.

Operating Budget Impact now or in future: N/A



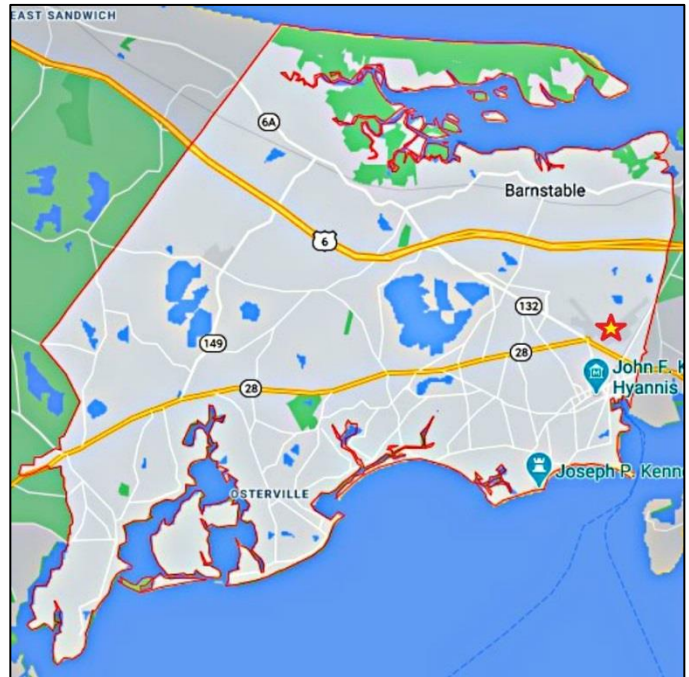
Project Working Title: SRE Equipment Storage Facility - Storage (Size TBD)**Project Location:** 480 Barnstable Road, Hyannis, MA 02601

Project Description: As a public use airport, Cape Cod Gateway Airport is required to maintain the facility to meet various Federal Aviation Administration (FAA) requirements and to satisfy its Airport Certification (FAA FAR Part 139 airport certification) requirements per the Department of Transportation.

Maintenance of the 639 acre airport facility plus various structures requires a lot of equipment and vehicles such as:

- Snow removal equipment,
- Mowing equipment,
- Pavement maintenance equipment,
- Operations and Maintenance vehicles,
- Building supplies, and
- Small tools and equipment.

Not all of that equipment is stored in a covered shelter. This project is to develop a storage facility to house equipment that is currently stored outdoors. This equipment is not in excess of what is needed. The airport just simply has a number of pieces of equipment to maintain the facility needed on a year-round basis.



Project Justification: Airport support equipment helps ensure efficient ground operations. This includes equipment that can supply aircraft with power, mow the airfield, maintain pavements, clear snow, respond to emergencies, respond to airport security, maintain buildings and grounds and much more. Construction of a storage facility will elongate the life of the 30 plus vehicles and equipment in the airport fleet as well as other tools and equipment that the Airport must maintain on-hand for various airport structures. Even when we surplus old vehicles and assets, the Airport still has various pieces of equipment stored outdoors that need the protection of indoor coverage. Because Airport staff conduct the vast majority of on-site maintenance, various tools and equipment is needed year-round. We try to avoid outside contractors when in-house staff have the capability and know-how to complete and maintain various structures, grounds and equipment.

The detriment to outdoor storage includes the following:

- Increased equipment maintenance activities,
- Reduction in vehicle life expectancy, accelerating vehicle replacement schedules,
- Loss of productivity associated with cold weather and storm event impacts, and
- Rapid deterioration of equipment in a salt air environment.

The Airport wants to elongate the life expectancy of equipment by providing for better storage options.

Impact of Denial/Postponement: To deny or postpone funding of this capital project will not allow the Airport to be operational for the general public and/or in full compliance with Federal, State, and Local agencies if equipment fails or is not properly maintained and stored and may also have long term financial consequences with the need to replace equipment quicker.

The detriment to outdoor storage includes the following:

- Increased equipment maintenance activities,

- Reduction in vehicle life expectancy, accelerating vehicle replacement schedules,
- Loss of productivity associated with cold weather and storm event impacts, and
- Rapid deterioration of equipment in a salt air environment.

The Airport wants to elongate the life expectancy of equipment by providing for better storage options.

Over the past several years, the airport has been required to conduct more than routine maintenance on its equipment. A failure of these systems would be catastrophic and perhaps mean closure for airport facilities if the proper equipment and maintenance of that equipment is not conducted properly. We want to protect and maintain Airport equipment in a manner that allows for elongated use and replacement.

Project Cost Estimates:		FY 2025	Future FY
	Construction or Acquisition	-	\$2,000,000
	Total Project Cost	-	\$2,000,000

Basis for Cost Estimates: Airport Solutions Group (on-call airport engineering firm) conducted cost estimates.

Project Estimated Completion Date: FY 2029	Design & Permit (months)	12	Construction (months)	12-18
Cost/Description FY 2025 and Follow-On Years:				
Fiscal Year	Cost	Project Description/Components		
2025	-	-		
2026	-	-		
2027	-	-		
2028	-	-		
2029	\$2,000,000	SRE Equipment Storage Facility - Storage (Size TBD)		

Source of Funding: No funding or reimbursable funding from FAA or MassDOT Aeronautics. Local share (100%). Airport share is \$2,000,000.00.

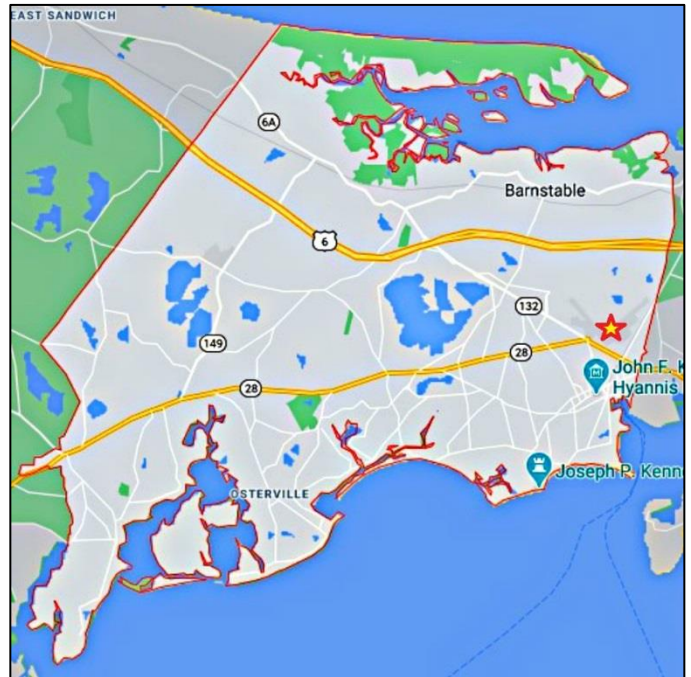
Operating Budget Impact now or in future: N/A

Project Working Title: Design, Permitting & Construct Jet-A 20,000 gallon tank and repainting the three existing tanks.

Project Location: 480 Barnstable Road, Hyannis, MA 02601

Project Description: Although the Airport is seeking to transition to an electric aviation program, this is mainly for a smaller fleet of aircraft that are piston driven and that now use avgas and not Jet-A fuel. The aircraft using Jet-A fuel will continue to do so as the technology is not quite efficient for larger and heavier aircraft.

The airport tracks year-over-year and month-over-month the average fuel loads purchased and sold. This tracking allows the operation to identify the number of fuel loads typically needed year-over-year and month-over-month and is used for forecasting purposes. With the onset of COVID-19, there has been an increase in aviation jet fuel sales with more corporate aircraft utilizing the facility and purchasing fuel in FY 2021, FY 2022. We are starting to normalize our sales in FY 2023/FY2024 but there have been multiple occasions when deliveries have been delayed or non-existent due to driver shortages or issues up line at the Boston or New York refineries causing not only this Airport but Martha's Vineyard and Nantucket Airport to run out of fuel.



Project Justification: The airport is keen on protecting its jet fuel cost center, one of the largest revenue producers for the airport, and must be able to supply the consumer with reliable fuel. This project will allow the airport to have more fuel on-hand in the attempt to respond more efficiently to fuel delivery delays.

Impact of Denial/Postponement: The airport is keen on protecting its jet fuel cost center, one of the largest revenue producer for the airport, and must be able to supply the consumer with reliable fuel. This project will allow the airport to have more fuel on-hand in the attempt to respond more efficiently to fuel delivery delays. Denial would mean that the Airport could potentially be out of fuel and cannot sell one of its highest revenue producers.

Project Cost Estimates:		FY 2025	Future FY
	Construction or Acquisition	-	\$735,000
	Total Project Cost	-	\$735,000

Basis for Cost Estimates: An estimate of fees was developed by the Airport’s on-call Engineering team, Airport Solutions Group, and their architectural subconsultants, on 3/22/2023. The SOW and fees will undergo an Independent Fee Estimate (IFE) as required by the Federal Aviation Administration (FAA), the lead funding agency for this project. The project will be bid through the Town of Barnstable’s Chief Procurement Office.

Project Estimated Completion Date: FY 2029		Design & Permit (months)	6	Construction (months)	6
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	-	-			
2027	-	-			

2028	-	-
2029	\$735,000.00	Design, Permitting & Construct Jet-A 20,000 gallon tank and repainting the three existing tanks.

Source of Funding: Reimbursable funding from MassDOT Aeronautics (80%), local share (20%). Airport share is \$147,000.00.

Operating Budget Impact now or in future: N/A



Marina Enterprise Fund

PROJECT: MAR-25

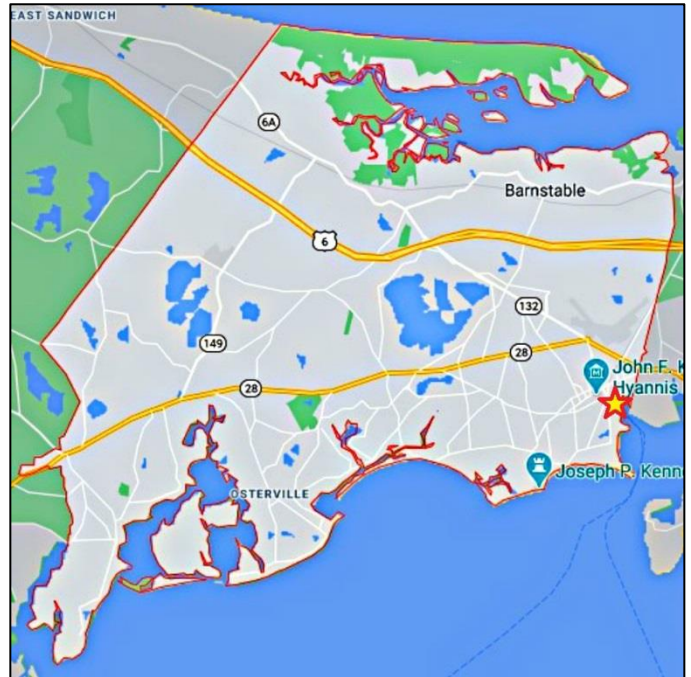
DEPARTMENT PRIORITY: 1 of 3

Project Working Title: Bismore Park Bulkhead & Marina Improvements Project

Project Location: Hyannis Harbor adjacent to Ocean Street, Hyannis

Project Description: Construction of a new steel bulkhead along the Town-owned sections of Bismore Park Marina, associated bulkhead cap, pilings and docks, and repairs / modifications / improvements to all affected utilities and adjacent walkways, parking lots, and associated infrastructure. The project goals are to improve public safety and accessibility, enhance user experience, replace aging infrastructure, and increase resiliency.

Project Justification: Bismore Park Marina is located within Hyannis Inner Harbor. This facility is home to the Office of the Harbormaster and is essential to supporting the user needs of the local commercial fishing fleet, transient vessels, adjacent ferry operations to Nantucket and Martha’s Vineyard, local events, visitor attractions, and local commerce. Revenues from these various activities support the facility and generate revenues for the local economy. The bulkhead experienced a partial collapse in the 1990’s and repairs were made that are now approaching the end of their useful life. An inspection in 2018 determined that the bulkhead should be replaced by the mid-2020s.



Impact of Denial/Postponement: If the bulkhead is not replaced it could become compromised, resulting in a catastrophic failure that would disrupt business interests and tourist access at one of Barnstable’s busiest marinas.

Project Cost Estimates:	FY 2025		Future FY
	Design & Permitting	-	\$410,000
Construction or Acquisition	\$9,195,000	\$4,100,000	
Project Management	-	\$25,000	
Project Contingency	-	\$2,040,000	
All Other Cost	-	-	
Total Project Cost	\$9,195,000	\$4,510,000	

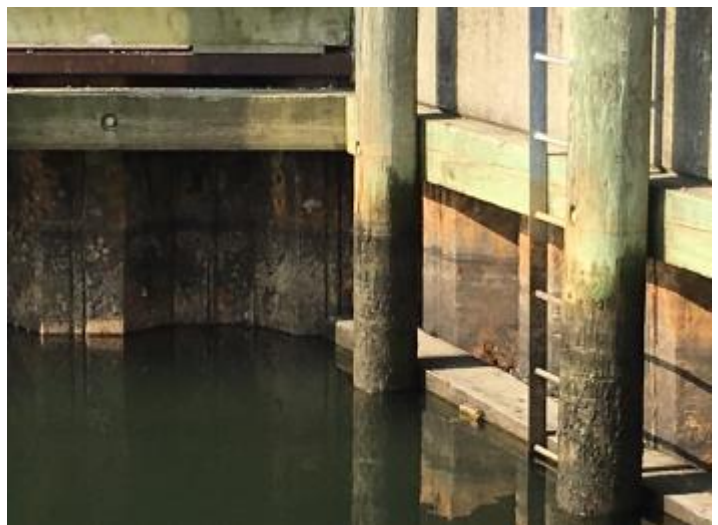
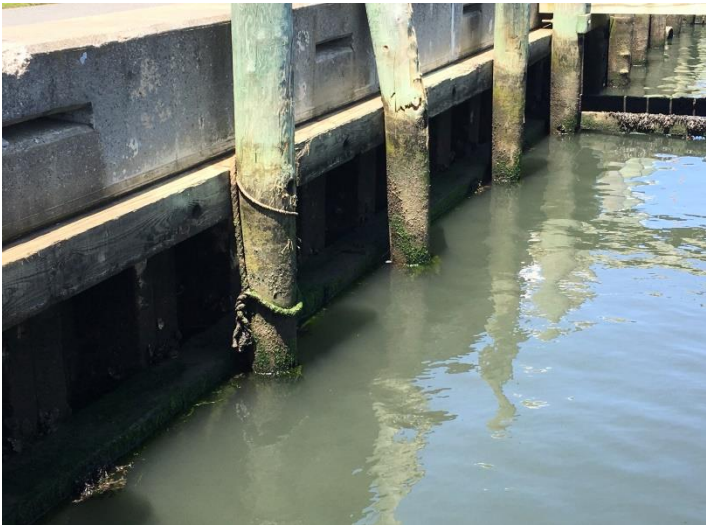
Basis for Cost Estimates: Consultant and DPW Engineering Department.

Project Estimated Completion Date: FY 2026		Design & Permit (months)	18	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$9,195,000	Bulkhead Construction			
2026	\$4,510,000	-			

Source of Funding: 1. The Town received a \$465,600 grant in FY22 for design and permitting of the project, and a \$1M grant in FY23 for construction of the bulkhead replacement, both through the Seaport Economic Council. The FY25 construction request has been reduced by the \$1M grant. 2. Marina Enterprise Fund. This project may result in an

increase of docks / slips, specifically transient slips, which could result in increased revenue for the Marina Enterprise Fund. 3. General Fund contributions are anticipated to be necessary due to the estimated construction cost.

Operating Budget Impact now or in future: In the short term a new bulkhead would require less maintenance.

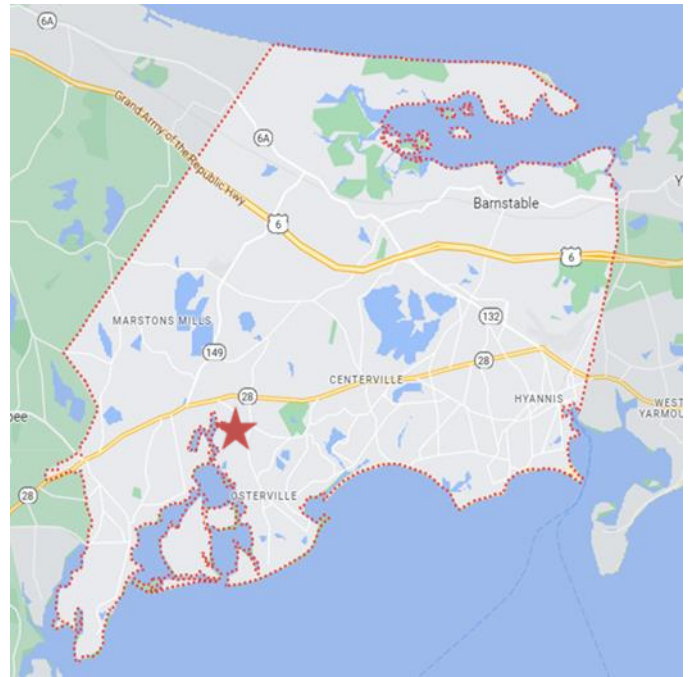


Project Working Title: Prince Cove Marina Improvements - Construction

Project Location: 235 Cedar Tree Neck Road, Marston’s Mills

Project Description: The project will make improvements to Prince Cove Marina including installation of a new tight tank, installation of a new pump out facility, renovation of existing building including bathroom improvements, parking lot improvements, and expansion/replacement of the floating docks. This project is anticipated to be completed in phases. This request is for design and permitting.

Project Justification: Prince Cove Marina is a popular Town Owned marina with access to Prince Cove. However, the marina is lacking modern facilities. The marina building is underutilized, in need of rehabilitation and upgraded accessible restrooms. The marina lacks a pump out station. A new tight tank is warranted for the facility to handle the waste from its restrooms and a pump out station to prevent/reduce nutrient loading to Prince Cove. The parking area is inefficient and could be expanded with new stormwater facilities installed. Finally, there is a desire to investigate the expansion of the floating docks in order to maximize use of the facility.



Impact of Denial/Postponement: Denial will result in the facility remaining underutilized and outdated.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting		-
Construction or Acquisition		-	\$1,075,000
Project Management		-	\$100,000
Project Contingency		-	\$315,000
All Other Cost		-	-
Total Project Cost		-	\$1,490,000

Basis for Cost Estimates: Consultant and DPW Engineering Department.

Project Estimated Completion Date: 2028		Design & Permit (months)	6	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$ 819,500	Construction Phase 1 (Tight Tank, Pump Out, Building Rehab/Bathrooms)			
2027	-				
2028	\$ 670,500	Construction Phase 2 (Parking Lot Improvements, Expand/Replace Docks)			

Source of Funding: General Fund. Marinas Enterprise Fund. Portions of the project may be eligible for a Clean Vessel Act Grant. Other grant opportunities will be pursued.

Operating Budget Impact now or in future: N/A



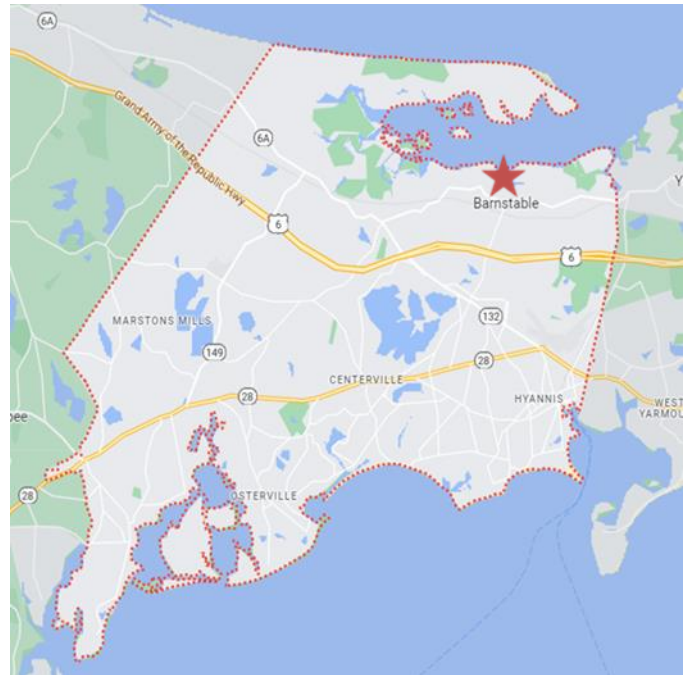
Project Working Title: Barnstable Harbor Marina Revetment – Construction

Project Location: 110 Freezer Road, Barnstable Village

Project Description: The project scope includes removing slope armoring on the west bank; resetting an existing or installing new buttress boulders; resetting existing or installing new slope armoring on geotextile and an aggregate base and filling voids; increasing the elevation of the top of revetment to address the scarp and reduce risks of overtopping; improving drainage and correcting erosion along the access road above the revetment.

Project Justification: The revetment reinforces the western bank of Barnstable Harbor Marina, protecting it from erosion and scouring. It also protects revetment protects the access road immediately above it, which serves public and private facilities; and maintains adequate area and water depth in the inner marina for numerous vessels to navigate and berth.

Impact of Denial/Postponement: If repairs are not made there is an increased risk the revetment may fail, in which case use of the two dozen adjacent boat slips may be impaired, and this would possibly constitute a waterways permit violation. Failure of the revetment would also jeopardize stability of the access road immediately above the revetment, which provides slip holders access, access to public parking and public rest rooms, and access to Barnstable Marine Service, a private berthing, fueling, and maintenance facility.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	-
	Construction or Acquisition	-	\$775,000
	Project Management	-	-
	Project Contingency	-	\$155,000
	All Other Cost	-	-
	Total Project Cost	-	\$930,000

Basis for Cost Estimates: DPW Engineering Department.

Project Estimated Completion Date: 2027		Design & Permit (months)	6	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	-	-			
2027	\$930,000	Construction			
2028	-	-			

Source of Funding: General Fund. Marinas Enterprise Fund. Portions of the project may be eligible for a Clean Vessel Act Grant. Other grant opportunities will be pursued.

Operating Budget Impact now or in future: N/A



Hyannis Youth & Community Center Enterprise Fund

PROJECT: HYCC-25

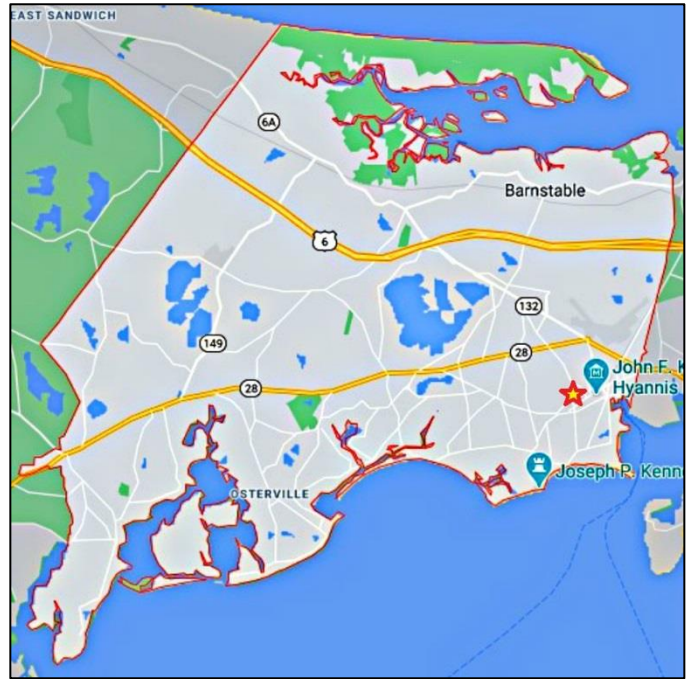
DEPARTMENT PRIORITY: 3 of 4

Project Working Title: HYCC Recreational Master Planning

Project Location: 141 Bassett Ln Hyannis, MA 02601

Project Description: The Hyannis Youth and Community Center (HYCC) Area Master Land Use Plan project aims to revitalize and enhance the recreational facilities and land use in the vicinity of the HYCC. This comprehensive planning initiative will focus on reimagining the area, with a particular emphasis on the redesign and replacement of the existing, deteriorating skate park. The project envisions the development of modern recreational amenities that meet contemporary standards while actively engaging the community and relevant Town Departments in the planning and execution process.

The planning process will extend beyond a skate park to create a comprehensive master land use plan for the entire area around the HYCC. This plan could include outdoor fitness centers, street hockey facilities, a splash pad, pool, improved lighting, fencing, and other amenities that enhance the overall community experience.



Project Justification: The existing skate park is in a state of disrepair, with concrete bowls showing signs of structural failure. Despite previous repair efforts, the park continues to deteriorate and is unappealing to users. Addressing these safety concerns is paramount to protect the well-being of those who use the facility.

The land around the HYCC facility is underutilized. There is the potential to use this property to create a dynamic and safe recreational space for the youth population to foster their physical, social, and emotional development.

Impact of Denial/Postponement: The skate park will continue to decline in use and eventually be unusable.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting, Study	-	\$213,727
	Construction or Acquisition	-	-
	Project Management	-	\$40,000
	Project Contingency	-	-
	All Other Cost	-	\$35,000
	Total Project Cost	-	\$288,727

Basis for Cost Estimates: Department of Public Works Estimate

Project Estimated Completion Date: FY 2026	Design & Permit (months)	6	Construction (months)	8
Cost/Description FY 2025 and Follow-On Years:				

Fiscal Year	Cost	Project Description/Components
2025	-	-
2026	\$288,727	Master Plan Development

Source of Funding: Portions of this project are eligible for Community Preservation Funding

Operating Budget Impact now or in future: None

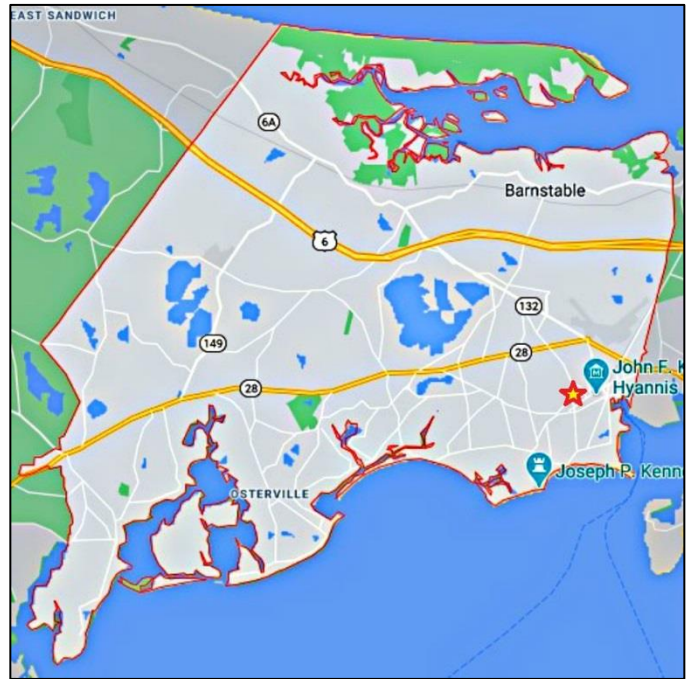


Project Working Title: Hyannis Youth and Community Center Rink Slab - Design

Project Location: 141 Bassett Ln Hyannis, MA 02601

Project Description: The Hyannis Youth And Community Center is undergoing changes to its programming and utilization. As such it has been determined that the sand base rink could be better utilized if it had a concrete slab base.

Project Justification: This concrete base would allow alternate uses of the rink by allowing additional sporting events currently not supported in the space even with the temporary floor installed. Volleyball, pickleball, tennis, music, and other events could take place in a stadium setting. Additionally, differing depths of refrigeration piping along the existing sand bed have been creating ice making difficulties. Installation of a concrete slab in the Kennedy Rink will allow utilization of the space in a more dynamic way as well as improve the quality of ice.



Impact of Denial/Postponement:

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$195,976	-
	Construction or Acquisition	-	\$2,,596,911
	Project Management	\$30,000	-
	Project Contingency	-	-
	All Other Cost	\$30,000	-
	Total Project Cost	\$255,976	\$2,596,911

Basis for Cost Estimates: Department of Public Works Estimate

Project Estimated Completion Date: FY 2027		Design & Permit (months)	24	Construction (months)	36
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$255,976	Design			
2026	\$2,595,911	Construction			

Source of Funding: Capital Trust Fund Bond Issue

Golf Enterprise Fund

PROJECT: GOLF-25	DEPARTMENT PRIORITY: 2 of 3
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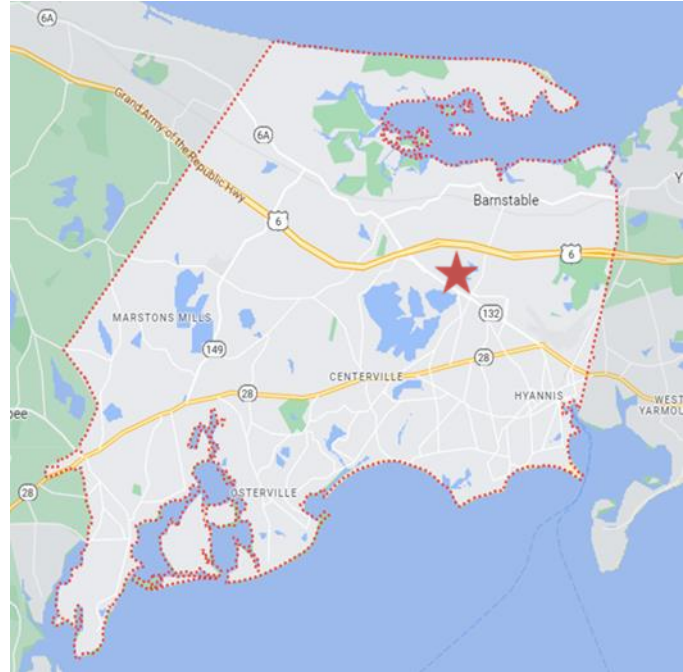
Project Working Title: Hyannis GC Bunker Renovation

Project Location: Hyannis Golf Course – Route 132 – Hyannis, MA 02601

Project Description: A complete renovation of approximately forty sand bunkers, including design/specs and project oversight by a professional golf course architect. This project will include the renovation, reconfiguration, and in some cases elimination of the existing bunkers.

Project Justification: The sand bunkers at Hyannis Golf Course are well beyond their natural life cycle and their condition is by far the number one complaint from our residents/customers. This greatly impedes our ability to attract more players, charge higher rates, and gain valuable market share in what is a very competitive Cape Cod golf market.

Impact of Denial/Postponement: Continual degradation of the existing sand bunkers. The reputation of Hyannis Golf Course will continue to suffer until improvements are made in this specific area. We must improve and protect the asset if it is to continue to not only be profitable enough to sustain itself, but also be something that our residents can be proud of.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$50,000
	Construction or Acquisition	-	\$700,000
	Project Management	-	-
	Project Contingency	-	-
	All Other Cost	-	-
	Total Project Cost	-	\$750,000

Basis for Cost Estimates: Estimates have been provided by numerous regional golf course construction experts/architects. Cost to renovate an existing bunker is estimated at \$18,000 each, with elimination of an existing bunker being around \$13,000. Hyannis Golf Course currently has forty bunkers, which is likely to change slightly based on input from golf course architects.

Project Estimated Completion Date: FY 2025		Design & Permit (months)	3	Construction (months)	5
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$750,000	All evaluation, design, management and construction			
2026	-	-			

Source of Funding: Some level of CPC funding would be appropriate, as the golf course's existence protects the land from development while covering all operating costs through revenue created. Any and all debt assumed by the Golf Division could be financed and paid via ROI post renovation. Reserve funds could also be utilized if needed.



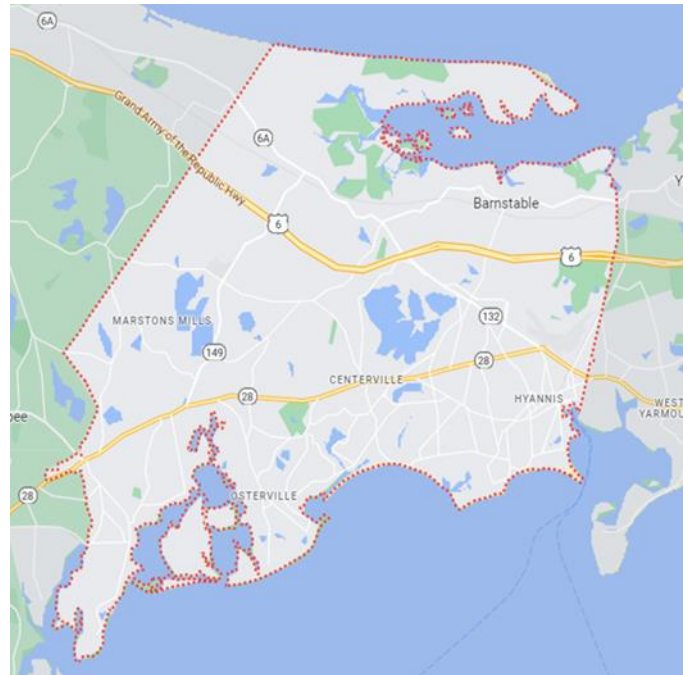
Project Working Title: Old Barnstable Fairgrounds Maintenance Building

Project Location: 1500 RTE 149, Marstons Mills

Project Description: Installation of a new 30 x 80 metal maintenance/storage building at the Old Barnstable Fairgrounds Golf course.

Project Justification: Currently equipment and supplies are stored in 8 large metal Conex boxes. These storage boxes are costing Golf operations approximately \$8,000 per year to rent. The storage is inefficient, and difficult to work with. The narrow width of the boxes makes it difficult and hazardous to get to items stored at the back of the box. This project would replace those storage boxes with a new metal storage building with heat and electricity.

Impact of Denial/Postponement:



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$33,597
Construction or Acquisition	-	\$279,972	
Project Management	-	\$27,997	
Project Contingency	-	\$27,997	
All Other Cost	-	\$2,000	
Total Project Cost	-	\$371,563	

Basis for Cost Estimates: Estimates have been provided by numerous regional golf course construction experts/architects. Cost to renovate an existing bunker is estimated at \$18,000 each, with elimination of an existing bunker being around \$13,000. Hyannis Golf Course currently has forty bunkers, which is likely to change slightly based on input from golf course architects.

Project Estimated Completion Date: 2026		Design & Permit (months)	8	Construction (months)	18
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$371,563	Design and Construction			

Source of Funding: Any and all debt assumed by the Golf Division. Reserve funds could also be utilized if needed.



Water Pollution Control Enterprise Fund

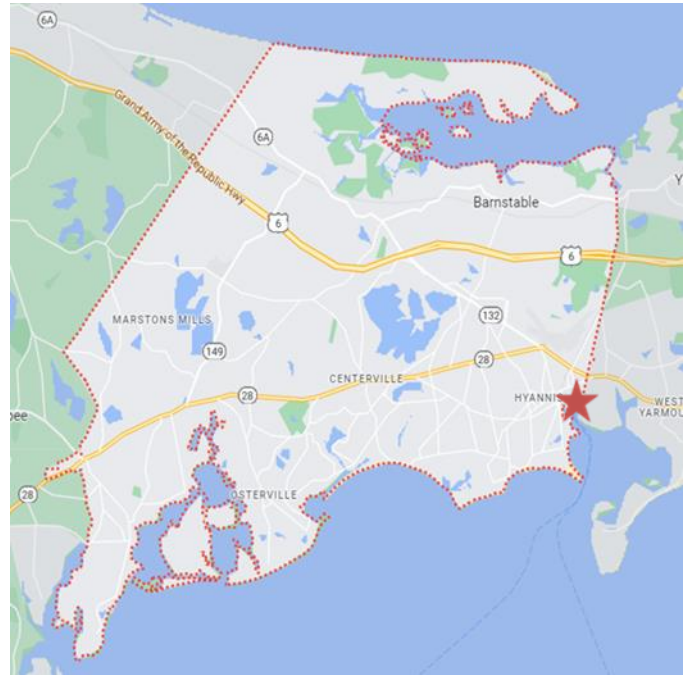
PROJECT: WPC-24

DEPARTMENT PRIORITY: 5 of 7

Project Working Title: Downtown Hyannis Force Main Rehabilitation - Construction

Project Location: Force main pipes from the Ocean Street, Bayshore Road, and Old Colony Pump Stations to the Water Pollution Control Facility (WPCF) on Bearses Way.

Project Description: The purpose of this project is to complete the rehabilitation or replacement of the Ocean Street/Bayshore Road and Old Colony Road Pump Station force mains. This request serves as a placeholder for the construction work that will follow the ongoing evaluation and design efforts. The Ocean Street and Bayshore Road Pump Stations share a 10-inch cast iron force main that is approaching 90 years in age. The Old Colony Road force main ranges in size from 16 to 20-inches, is constructed of asbestos cement, and is nearly 70 years old. Once a preliminary analysis of alternatives is completed and the preferred rehabilitation method is identified, the project will be designed and then constructed. The goal of this project is to rehabilitate these pipes to extend the life of these force mains by another 50 years, or to install new pipes with a similar life expectancy, or a combination of the two.



Project Justification: The Ocean Street/Bayshore Road Pump Station force main is approaching 90 years in age and is past the end of its expected design life. The Old Colony Road Pump Station force main is approaching 70 years old and is nearing the end of its design life. These force mains are critical components of the downtown Hyannis sewage collection system, transporting over 850,000 gallons per day of sewage to the WPCF. These two force mains are interconnected with a valve cluster at the intersection of South Street and Ocean Street, allowing each force main to back up the other in the event of an emergency. There are several available options for the rehabilitation of these pipes, and a proper assessment will determine which method is the most cost effective and least disruptive for Town. Options may include pipe bursting, pipe relining, a traditional dig and replacement, or a combination of these methods. These pipes are critical to the Town’s sewer collection system and must be addressed in order to provide reliable sewer service to downtown Hyannis.

Impact of Denial/Postponement: If this project is not funded, these pipes will continue to operate past their expected design lives at increased risk of failure. Breaks in these pipes could result in overflow to Town roadways, waterways, or private properties putting public health at risk. Emergency repairs would be extremely costly to repair.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	-
Construction or Acquisition	-	\$6,000,000	
Project Management	-	\$750,000	
Project Contingency	-	\$600,000	
All Other Costs	-	\$150,000	
Total Project Cost	-	\$7,500,000	

Basis for Cost Estimates: Engineers cost estimate. The cost estimate for future construction work is a preliminary estimate used as a placeholder for planning purposes. Once the analysis of alternatives and design is complete, the cost estimate may be updated.

Project Estimated Completion Date: F2026		Design & Permit (months)	-	Construction (months)	18
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$7,500,000	Construction			
2027	-	-			
2028	-	-			

Source of Funding: Water Pollution Control Division Enterprise Fund reserves. Construction work may be eligible for a low interest loan through the Clean Water State Revolving Fund. Subsidies may be available from the Cape and Island Water Protection Fund.

Operating Budget Impact now or in future: None

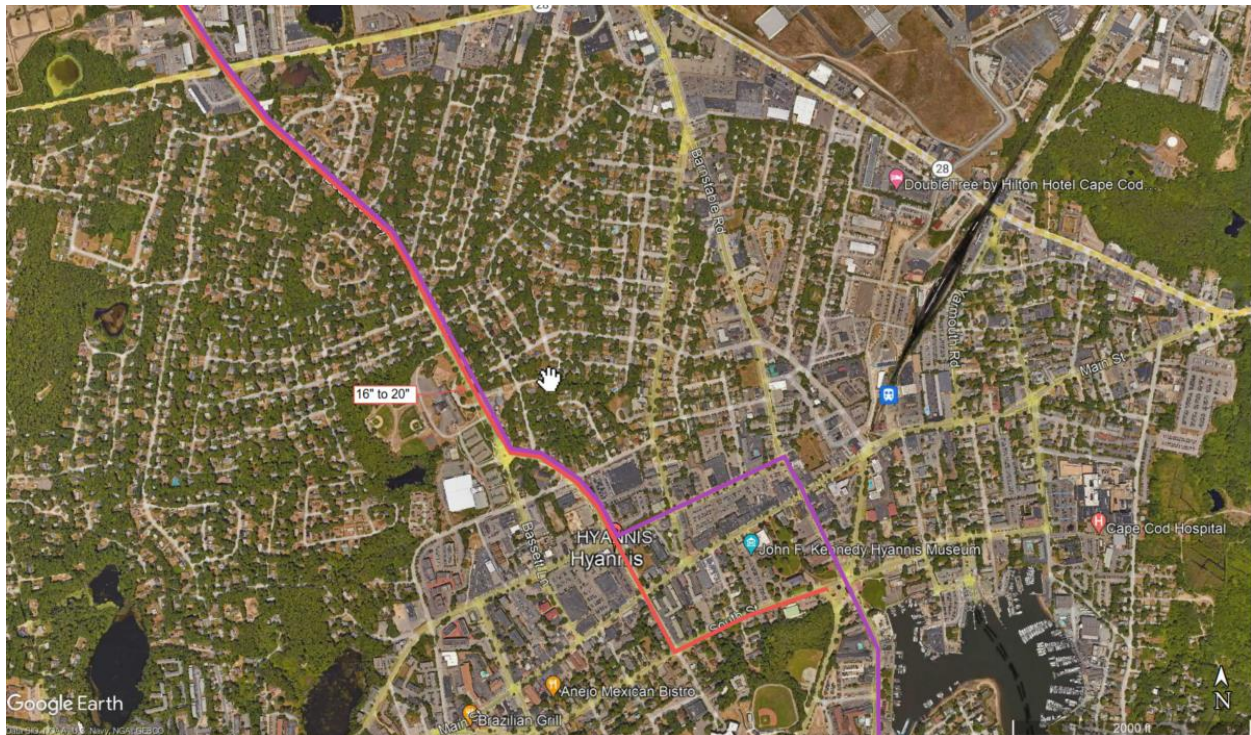


Photo 1: Location of Force Mains in Downtown Hyannis

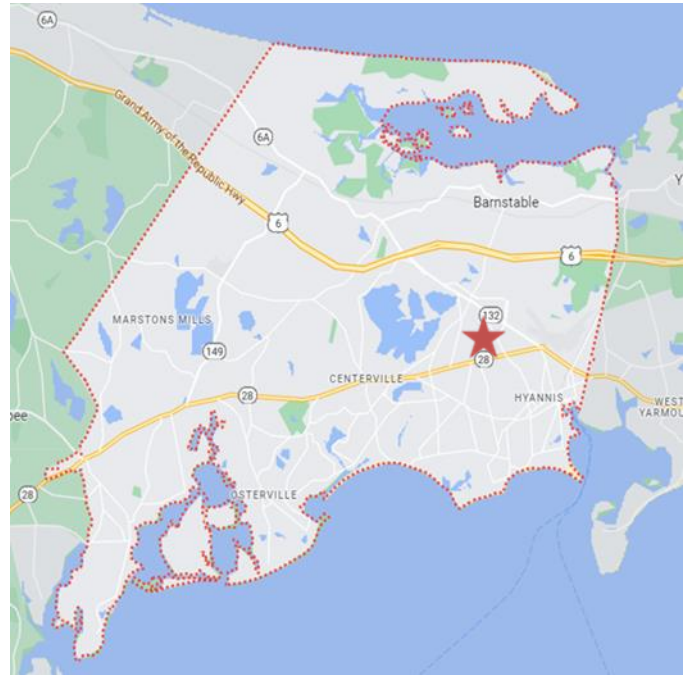
Project Working Title: Tractor 259 Replacement

Project Location: 617 Bearses Way Hyannis, MA 02601

Project Description: Replacement of Tractor 259

Project Justification: Tractor 259 was purchased in 2007 and is approaching the end of its useful life. The tractor is used to maintain the WPCF’s rapid infiltration basins, to move heavy equipment around the facility, to clear snow during major storm events, and other maintenance activities. This tractor will be 19 years old at the time of replacement. Based on the condition of the tractor and its usage, the DPW Fleet Maintenance has recommended this tractor be replaced in FY27.

Impact of Denial/Postponement: Tractor 259 will be 19 years old at the time of replacement. It is likely that the tractor could fail in the future if it is not replaced. This would leave WPCD staff without adequate machinery to maintain the facility.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	-
	Construction or Acquisition	-	\$100,000
	Project Management	-	-
	Project Contingency	-	-
	Total Project Cost	-	\$100,000

Basis for Cost Estimates: Engineering Cost Estimate

Project Estimated Completion Date: FY 2026		Design & Permit (months)	-	Construction (months)	3
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2026	-	-			
2027	\$100,000	Tractor Replacement			
2028	-	-			

Source of Funding: Enterprise Fund Reserves. Construction may be eligible for State Revolving Fund (SRF) funding and funding from the Cape Cod and Islands Water Protection Fund.

Operating Budget Impact now or in future: Less maintenance to the tractor can be expected during the first five to six years of service.



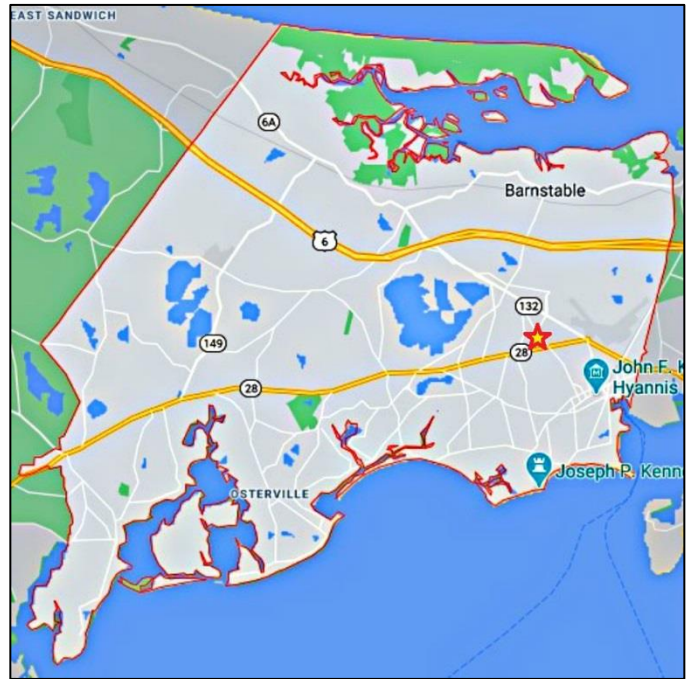
Photo 1: Tractor 259

Project Working Title: Tow Behind Generator

Project Location: 617 Bearses Way Hyannis, MA 02601

Project Description: Purchase of a new tow-behind generator.

Project Justification: The Town’s sewage collection system is growing as the Town’s Comprehensive Wastewater Management Plan is implemented. Twelve new pump stations are currently in design or construction phases and these pump stations will require sources of emergency power. The Town’s standard pump station design includes either on-site generators, or a portable generator hookup to allow a tow-behind generator to supply power to the station. This setup is used to provide power to coastal pump stations that do not have on-site generators (due to their proximity to flood zones) and allows for power to be provided when on-site generators are down for maintenance. Currently the WPCD has four tow-behind generators. Two of those generators are of advanced age, including one that has been in service for over 50 years. Having an additional generator available will allow the WPCD to better respond to widespread power outages and will allow staff to strategically stage portable generators around Town during storm events.



Impact of Denial/Postponement: If this project is not funded, the WPCD will continue to provide emergency power to all sewage pump stations with the existing fleet of tow-behind generators. Response time will be slower and risk of sanitary sewer overflow will be greater. It should be noted that MassDEP requires all pump stations to have a source of emergency power. As more coastal pump stations are added to the Town’s collection system, MassDEP may require more tow-behind generators.

Project Cost Estimates:	FY 2025	Future FY
Design & Permitting	-	-
Construction or Acquisition	-	\$150,000
Project Management	-	-
Project Contingency	-	-
Total Project Cost	-	\$150,000

Basis for Cost Estimates: Engineering Cost Estimate

Project Estimated Completion Date: 2008		Design & Permit (months)	0	Construction (months)	6
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2026	-	-			
2027	-	-			
2028	-	-			
2029	\$150,000	Purchase Generator			

Source of Funding: Water Pollution Control Enterprise Fund Reserves

Operating Budget Impact now or in future: This purchase will add a layer of operational resiliency to a collection system that is rapidly expanding through the Town’s Comprehensive Wastewater Management Plan.



Photo 1: 1969 Onan Generator



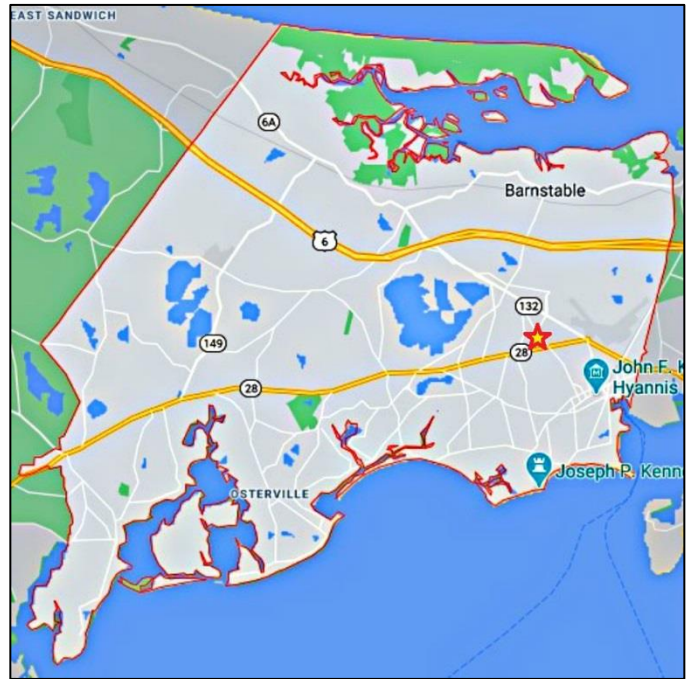
Photo 2: 1990 Katolight Generator

Project Working Title: Crane Truck 246 Replacement

Project Location: 617 Bearses Way Hyannis, MA 02601

Project Description: Replacement of Crane Truck 246

Project Justification: Crane Truck 246 was purchased in 2013 and will be 16-years old at the time of replacement. The truck is equipped with a crane used for hoisting pumps and equipment and is heavily relied upon in order to perform maintenance at submersible pump stations. Submersible pump stations are pump stations where the pumps are situated at the bottom of the sewage collection tank. The Town currently maintains 13 submersible pump stations and several more are planned to be constructed as part of the Town’s Comprehensive Wastewater Management Plan. As a result of the workload placed on this truck, it has experienced a large amount of wear in tear. The Truck has been recommended for replacement by DPW Highway Fleet Maintenance in FY29. This truck must be replaced in order to continue carrying out maintenance of the Town’s wastewater treatment plant and sewer collection system.



Impact of Denial/Postponement: If left unfunded, the condition of this important truck will continue to deteriorate leading to significant downtime while the truck is being repaired. This could hinder the WPCD’s ability to respond to emergencies at the Town’s pump stations and wastewater treatment plant. An older crane truck will present more safety hazards than a new truck.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	-
	Construction or Acquisition	-	\$165,000
	Project Management	-	-
	Project Contingency	-	-
	Total Project Cost	-	\$165,000

Basis for Cost Estimates: Engineering Cost Estimate

Project Estimated Completion Date: 2029		Design & Permit (months)	0	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2026	-	-			
2027	-	-			
2028	-	-			
2029	\$150,000	Purchase Crane Truck			

Source of Funding: Water Pollution Control Enterprise Fund Reserves

Operating Budget Impact now or in future: There will be less reactive maintenance and downtime for Truck 246, ensuring that it will be available for the maintenance and emergency response for the Town’s growing sewage collection system.



Photo 1: Crane Truck 246

Sandy Neck Enterprise Fund

PROJECT: SDN-25	DEPARTMENT PRIORITY: 1 of 1
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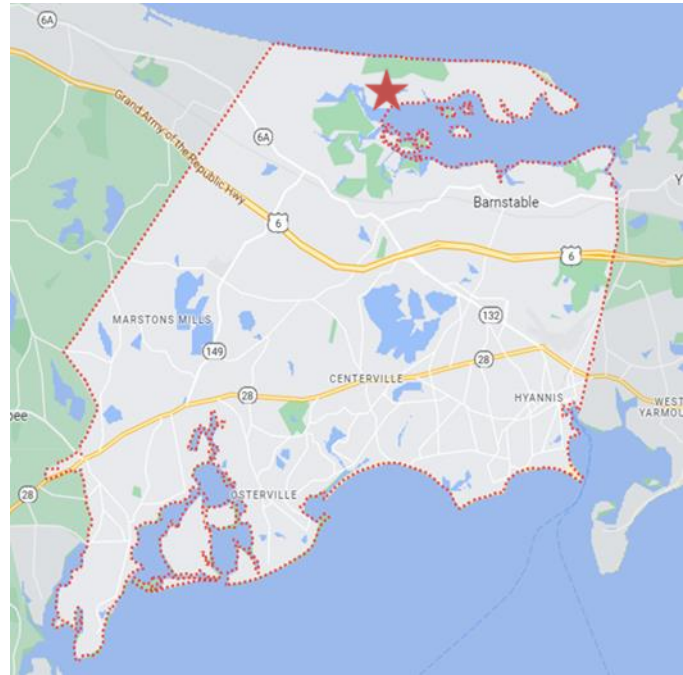
Project Working Title: Sandy Neck Beach Facility Reconfiguration - Construction

Project Location: 425 Sandy Neck Road, West Barnstable

Project Description: Replacement of 2014 Mack Roll-Off Truck #414

Project Justification: The project will involve a managed site reconfiguration to provide a more resilient, long-term, solution to the existing parking lot, ORV trail, gate house and other facilities at Sandy Neck Beach. This request is for estimated costs to construct the project.

Impact of Denial/Postponement: Without a long-term solution, the parking lot will continue to be vulnerable, potentially resulting in damage to the parking area and cause concern about the existing septic system and the use of the beach itself for the public. Further, through multiple and lengthy talks with the regulatory agencies (DEP and NHESP), it has become apparent the Town should not assume recovery of lost parking spaces, due to storm damage, is guaranteed under the current regulatory framework. Annual parking lot revenue equates to approximately \$250,000. This revenue source is potentially in jeopardy due to erosion from future storms.



Project Cost Estimates:		FY 2025	Future FY
	Construction or Acquisition	-	\$ 4,500,000
	Construction Contingency	-	\$ 1,100,000
	Project Management	-	\$ TBD
	Total Project Cost	-	\$ 5,600,000

Basis for Cost Estimates: 65% Design Level Opinion of Probable Cost from Consulting Engineer

Project Estimated Completion Date: 2027		Design & Permit (months)	-	Construction (months)	24
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$5,600,000	Construction			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: Sandy Neck Enterprise. Potentially General Fund contribution due to estimate project cost. Potential grant opportunities include CZM, FEMA, or MVP.

Operating Budget Impact now or in future: This project would reduce dune nourishment after storm events from annually to approximately every 5 years.



Aerial Photo of Sandy Neck Existing Conditions



Lower Lot after a rain event



Nourished section of dune March 2021



Post Storm Dune Erosion



Post nourishment December 2013



Post Nor' Easter (Jan. 02, 2014)

Solid Waste Enterprise Fund

PROJECT: SW-25

DEPARTMENT PRIORITY: 5 of 5

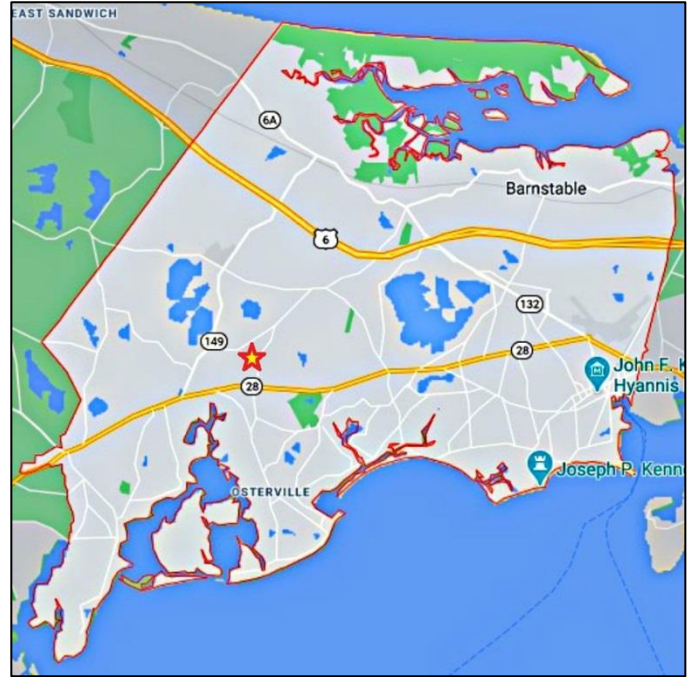
Project Working Title: 2014 Mack Roll-Off Truck #414 Replacement

Project Location: Transfer Station & Recycling Center 45 Flint Street Marstons Mills MA 02648

Project Description: Replacement of 2014 Mack Roll-Off Truck #414

Project Justification: The roll off truck is essential to the operation of the Solid Waste Division. This vehicle handles the full and empty containers at the facility. The truck also hauls full containers over the road to vendors for proper disposal of items. It is a vital component to the operation of the Transfer Station & Recycling Center

Impact of Denial/Postponement: Denial or postponement of this request could severely impact efficient operations of the Transfer Station & Recycling Center. Failure of equipment severely impacts the ability to accept and transfer household trash and recyclables. This equipment is used to haul heavy loads both on-site and off, it is vital to keep up with current standards for both emissions and safety.



Project Cost Estimates:		FY 2025	Future FY
	Construction or Acquisition	-	\$275,000
	Total Project Cost	-	\$275,000

Basis for Cost Estimates: Quotes and conversations with vendor on State contractor list.

Project Estimated Completion Date: 2027		Design & Permit (months)	-	Construction (months)	-
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	-	-			
2027	\$275,000	2014 Mack Roll-Off Truck Replacement			
2028	-	-			
2029	-	-			

Source of Funding: Enterprise Fund Reserves and/or Bond Issue

Operating Budget Impact now or in future: The project can help with improved efficiencies and reduce the possibility of closure due to equipment failure.



General Fund Projects

Marine & Environmental Affairs General Fund Projects

PROJECT: MEA-25

DEPARTMENT PRIORITY: 3 of 12

Project Working Title: Marine & Environmental Affairs Storage Facility

Project Location: 1189 Phinney’s Lane, Centerville, MA 02632

Project Description: This project seeks funding for the design phase of a 2,500 square foot storage addition to the existing Marine Environmental Affairs building, along with essential site work upgrades.

The primary objectives of this project are as follows:

- To design and plan a 2,500 square foot storage addition to the existing Marine Environmental Affairs building.
- To enhance the storage capacity for MEA's vital equipment, vehicles, and boats.
- To improve the overall functionality of the Marine and Environmental Affairs building.
- To ensure the safety and security of MEA assets and equipment.



Project Justification: The Marine Environmental Affairs (MEA) division plays a pivotal role in the preservation and protection of our marine ecosystems. However, due to various operational changes and constraints over the years, MEA is facing severe space limitations, hindering its ability to efficiently store equipment, vehicles, and boats. These limitations have forced MEA to repurpose areas not intended for such use, resulting in a compromised workspace and inadequate storage capacity. This situation is detrimental to the effectiveness of MEA's mission and the preservation of our marine environment.

Impact of Denial/Postponement: The Town’s boats and other equipment being stored outside will continue to deteriorate at an undesirable rate and, as such, their useful life shortened.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$130,000	-
	Construction or Acquisition	-	\$1,000,000
	Project Management	\$40,000	\$40,000
	Project Contingency	-	\$100,000
	Total Project Cost	\$170,000	\$1,140,000

Basis for Cost Estimates: In-house Estimate

Project Estimated Completion Date: FY 2025		Design & Permit (months)	10	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$170,000	Design & Project Management			

2026	\$1,140,000	Construction
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Source of Funding: Capital Trust Fund Reserves and/or Bond Issue

Operating Budget Impact now or in future: Routine Maintenance



Marine & Environmental Affairs Storage Facility Location

Project Working Title: Mill Pond Fishway Design Construction

Project Location: 5 Route 149, Marstons Mills, MA

Project Description: This project will fund the construction for rehabilitating or reconstructing the Mill Pond Fish Ladder. The focus of the project will be to develop and implement a fish ladder that meets modern day design standards.

Project Justification: The fish ladder at this location is outdated, not meeting modern day fish passage standards, and currently impedes fish passage into the Marstons Mills River. This project will provide the designs and acquire the permits necessary to poise the Town to pursue grants potentially available for this work.

Impact of Denial/Postponement: Without funding, the Town may lose an opportunity to improve this ladder with federal funding and the existing ladder will continue to degrade.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	-
	Construction or Acquisition	-	\$2,100,000
	Project Management	-	-
	Project Contingency	-	\$420,000
	Total Project Cost	-	\$2,520,000

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2026		Design & Permit (months)	-	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$2,520,000	Design & Construction			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue. The project is listed on the Cape Cod Water Resources Restoration Project Priorities List and as such is in position for grant funding from NRCS.

Operating Budget Impact now or in future: This project will reduce the required maintenance by improving the fish run.



Mill Pond Dam and Fish Ladder



Stone damage and missing stones around the water control structure.
Taken on 4/28/2021



Water flow from pond under the sidewalk caused undermining.
Taken on 4/28/2021



Worn steps and pools along fish ladder.

Taken on 4/28/2021

Project Working Title: MEA Parking Lot Improvements - Construction

Project Location: 1189 Phinney’s Lane, Centerville, MA 02632

Project Description: Reclaim/regrade parking lot, provide new asphalt paving in existing gravel areas, apply new line striping for formalized, delineated parking, ADA improvements and drainage improvements. In addition, the project will include some landscape renovations at the entrance and along site fencing for screening.

Project Justification: This parking lot is the hub of activity for employee and visitors parking at the MEA main office. Staff and working vehicles use the lot extensively. There is limited delineated parking as most of the parking is on a gravel area that was installed several years ago to expand the lot. The existing paved sections of the parking lot have deteriorated with many areas of spider cracking, which indicates signs of subgrade issues, and irregularities in need of repairs. The recently completed ADA Self Evaluation and Transition Plan identifies some site related ADA deficiencies that will be addressed as part of the project.



Impact of Denial/Postponement: Failure to repair the parking lot will result in further damage to the surface from vehicle and snow removal activities. The parking lot will become difficult to use for critical functions and become a safety hazard for vehicles and pedestrians.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	-
	Construction or Acquisition	\$250,000	-
	Project Contingency	\$40,000	-
	Project Management	\$10,000	-
	All Other Cost	-	-
	Total Project Cost	\$300,000	-

Basis for Cost Estimates: DPW Engineering Dept.

Project Estimated Completion Date: FY 2025		Design & Permit (months)	6	Construction (months)	6
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$300,000	Construction			
2026	-	-			
2027	-	-			
2028	-	-			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue.

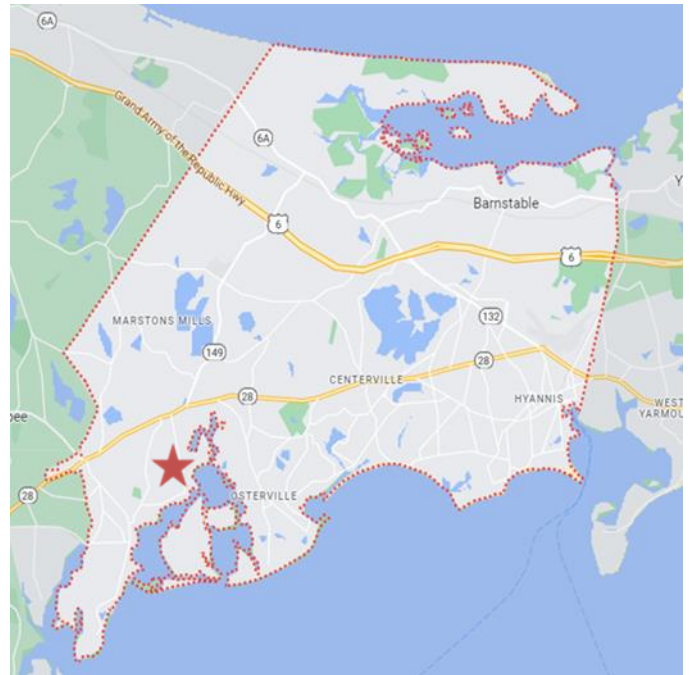
Operating Budget Impact now or in future: None



Project Working Title: Little River Fish Passage Restoration

Project Location: Little River, Cotuit

Project Description: This project will implement necessary infrastructure improvements to improve the ecological health of Little River by enhancing and naturalizing the existing river in the context of the current landscape. Little River was historically a vibrant herring run with fish traveling to spawn in Lovell’s Pond in Cotuit. However, current conditions prohibit the migration of fish into the herring run in multiple locations, most notably at the mouth of the river at Lovell’s Pond, but also at multiple culverts that have been installed throughout the system. The Natural Resources Department worked with Massachusetts Division of Marine Fisheries (DMF) to perform a 2-year habitat assessment on Lovell’s Pond to determine if the pond provides favorable spawning habitat and water quality for herring. The results of the assessment were satisfactory despite recent concerns of eutrophication. DMF provided a letter of support and a memorandum summarizing the results of the study. Little River is a major watershed of Cotuit Bay. Restoring this herring run would minimize these limiting issues and rebuild the river's herring population.



Project Justification: The river was once a viable and successful herring run but due to alterations in flow of the river, herring populations no longer exist in this system. In addition, American eel have been observed in the system, but it is unlikely they are able to make it to Lovell’s Pond due to the numerous physical obstructions that restrict flow especially during times of low water.

Impact of Denial/Postponement: Little River will remain inaccessible for fish passage.

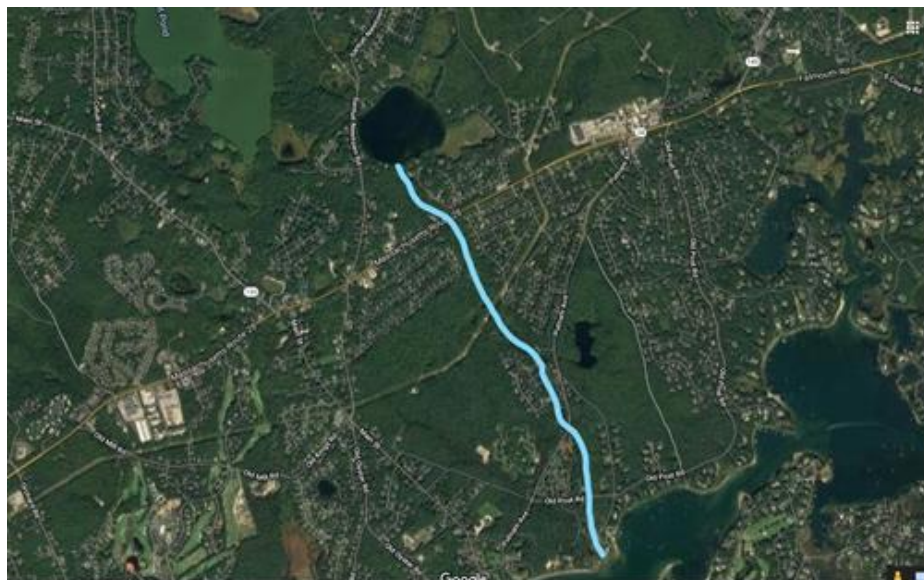
Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	TBD
	Construction or Acquisition	-	TBD
	Project Contingency	-	-
	Project Management	-	-
	All Other Cost	-	-
	Total Project Cost	-	TBD

Basis for Cost Estimates: DPW Engineering Dept.

Project Estimated Completion Date: -		Design & Permit (months)	-	Construction (months)	-
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	TBD	Design			
2027	-	-			
2028	TBD	Construction			
2029	-	-			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue.

Operating Budget Impact now or in future: None

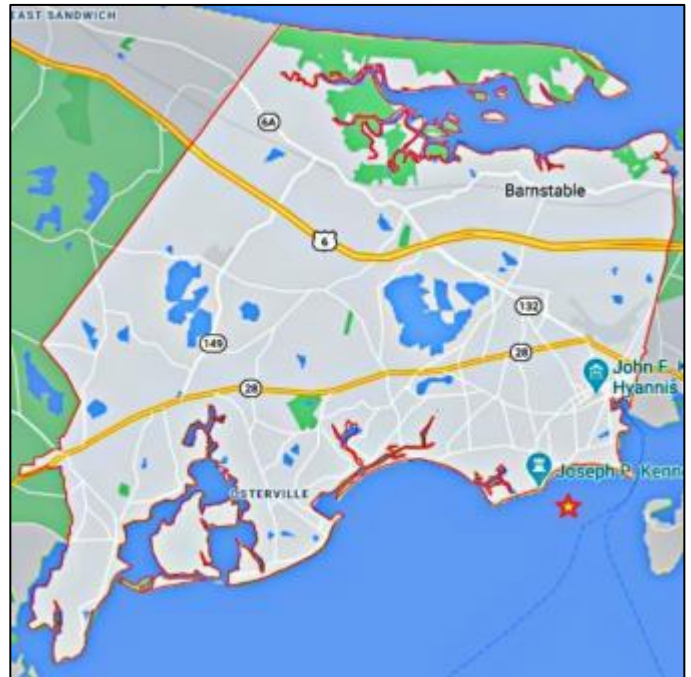


Project Working Title: Hyannis Breakwater Evaluation & Preliminary Design

Project Location: Hyannis Harbor MA, 02601

Project Description: Evaluation, design and permitting of improvements to the Hyannis Harbor Breakwater.

Project Justification: Support stones have been displaced along the breakwater resulting in gaps in the structure therefore reducing its effectiveness of protecting the harbor. The poor condition of the breakwater is a safety hazard for navigation, and the public who walk upon it. Harbormaster staff, Fire Dept., and other Public Officials have been called to rescue people trapped on the breakwater. In addition, a private study commissioned by residents of Hyannisport has indicated that the poor condition of the breakwater may be contributing to accretion of adjacent mooring fields and beach loss of residential properties. Portions of the existing breakwater are Federally owned, and this portion was recently repaired by Army Corps of Engineers (ACOE) within the next year. This project will fund design of repairs necessary for the State/Town owned portion of the breakwater.



Impact of Denial/Postponement: Postponing study and analysis of the breakwater will allow more deterioration of the breakwater structure. Future storms will reduce the function of the breakwater allowing potential shoreline damage. The safety of the public walking on the breakwater will not be addressed, as the Towns portion of the breakwater is accessible from land.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$245,000	-
	Construction or Acquisition	-	-
	Total Project Cost	-	-

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: FY 2027	Design & Permit (months)	18	Construction (months)	TB D
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Cost/Description FY 2025 and Follow-On Years:		
Fiscal Year	Cost	Project Description/Components
2025	\$245,000	Design & Permitting
2026	-	-
2027	-	-

Source of Funding: Capital Trust Fund Reserves and/or Bond Issues.

Operating Budget Impact now or in future: N/A



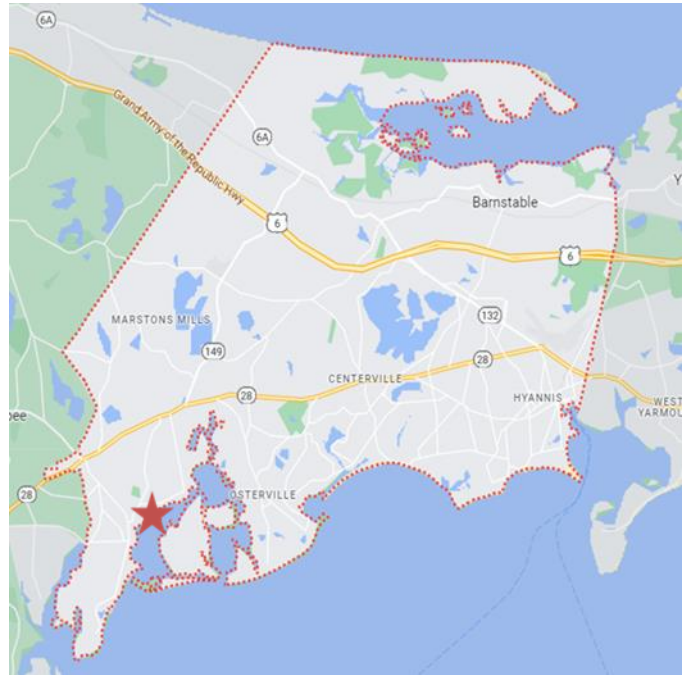
Hyannis Breakwater

Project Working Title: Cotuit Town Dock Replacement and Structural Improvements - Construction

Project Location: 37 Oyster Place Rd, Cotuit

Project Description: This project would fund construction for the replacement of the Cotuit Town Dock to increase the docks current weight capacity to accommodate the loading associated with historic usage.

Project Justification: In 2021 an assessment of the Cotuit Town Dock determined that the allowable weight limit should be restricted to 10,000 lbs. As a result, vehicles have been restricted from using the dock. Previous operations for de-masting and masting sail boats used vehicles with cranes in excess of 10,000 lbs. (33,000 lbs. based on vehicle information). A follow-up alternatives analysis concluded that the dock will require replacement within the next 3-5 years.



Impact of Denial/Postponement: Without funding, the dock would remain limited to traffic with a maximum gross weight of 10,000 lbs.

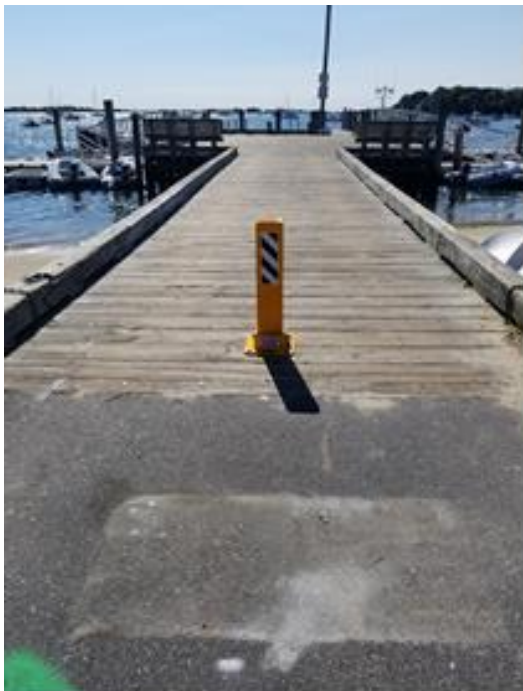
Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	-
	Construction or Acquisition	-	\$1,300,000
	Project Management	-	\$45,000
	Project Contingency	-	\$335,000
	All Other Cost	-	-
	Total Project Cost	\$100,000	\$1,680,000

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2027		Design & Permit (months)	-	Construction (months)	6
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$1,600,000	Construction			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: General Fund Reserves and Transfer from existing projects.

Operating Budget Impact now or in future: None



Community Services General Fund Projects

PROJECT: CSD-25

DEPARTMENT PRIORITY: 6 of 11

Project Working Title: Revitalization of the John F. Kennedy Memorial.

Project Location: 480 Ocean Street Hyannis

Project Description: To honor the memory of President Kennedy and ensure the longevity of this historic site, this project is aimed at enhancing its aesthetic appeal, preserving the memorial, and creating a more welcoming space for visitors.

Engineering and Restoration Documents: Expert engineers and architects, in collaboration will develop comprehensive engineering and restoration construction documents. These documents will serve as the blueprint for the entire rehabilitation project, ensuring its successful execution.

This project will include:

Restoration of the Memorial Wall: The central focus of this project is the restoration of the memorial wall. This will involve cleaning, repairing, and preserving the stone wall to its original grandeur. Any damaged or deteriorated elements will be carefully addressed to ensure their longevity.

Plaza Modernization: The memorial plaza will undergo a modernization process to improve its functionality and aesthetics. New seating areas, improved lighting, and pedestrian-friendly pathways will be incorporated to enhance the overall visitor experience.

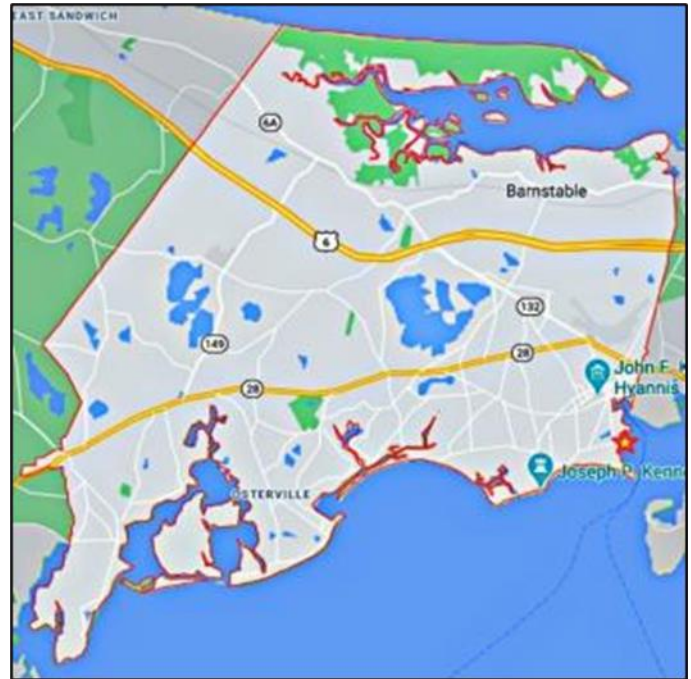
Landscaping Enhancement: The project will include a comprehensive landscaping plan to create a serene and inviting atmosphere. Native plants, shrubs, and trees will be strategically planted to beautify the surroundings, provide shade, and promote biodiversity.

New Fountain: A new, state-of-the-art fountain will be designed and installed, serving as a focal point of the memorial. This fountain will pay homage to President Kennedy's legacy and offer a serene ambiance for reflection.

Timeline Engravings: Granite paver inserts with engravings depicting significant milestones in President Kennedy's life will be integrated into the plaza, offering an educational component to the memorial experience.

Project Justification: The John F. Kennedy Memorial Park was constructed in 1965 and dedicated in 1966 as a tribute to President John F. Kennedy and his connection to Cape Cod. As a significant historical site, it holds immense value in preserving the memory of the 35th President of the United States. Neglecting its upkeep would diminish its historical significance and cultural importance.

Since its inception, the John F. Kennedy Memorial Park has attracted tourists from across the nation and around the world. It stands as a point of interest and pride for the Town of Barnstable and Cape Cod as a whole. However, the park's current state of disrepair, including aging fountain equipment and deteriorating memorial surfaces, threatens to compromise its appeal and jeopardize its status as a major tourist destination.

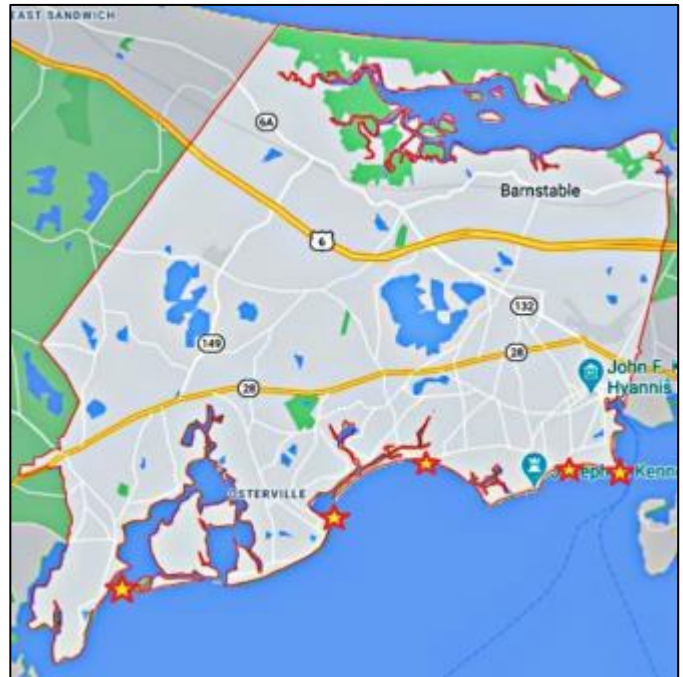


Project Working Title: Salt Water Beach House Improvements – Evaluation and Preliminary Design

Project Location: Dowses, Sea Street, Kalmus, Covells, Loops Beaches

Project Description: This project will conduct a thorough evaluation of the existing beach houses at Dowses, Sea Street, Covell's, Loops, and Kalmus beaches to assess their functionality, safety, accessibility, and overall condition. The evaluation will determine whether the beach houses should be improved or replaced.

Project Justification: The Town's Saltwater Beach Houses have played a central role in our community, providing a place of solace and enjoyment for both residents and visitors. With the passage of time, these beach houses have undergone numerous repairs and cosmetic enhancements. This project is essential not only for the preservation of cherished community assets but also to significantly improve accessibility and safety for both residents and visitors.



Impact of Denial/Postponement: Continued deferred maintenance of these facilities will contribute to their deterioration. Replacement of worn facilities with new ones will insure the high standard of recreational use in our town.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$165,000	TBD
	Construction or Acquisition	-	TBD
	Project Management	\$40,000	TBD
	Project Contingency	-	TBD
	All Other Cost	\$30,000	TBD
	Total Project Cost	\$235,000	TBD

Basis for Cost Estimates: In-house Estimate

Project Estimated Completion Date: 2025		Design & Permit (months)	12	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$235,000	Evaluation & Design			
2026	TBD	Dowses Beach House Improvements			
2027	TBD	Sea Street Beach House Improvements			
2028	TBD	Covell's Beach House Improvements			
2029	TBD	Loops Beach House Improvements			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue

Operating Budget Impact now or in future: Reduced routine maintenance cost.



Beach House Facilities

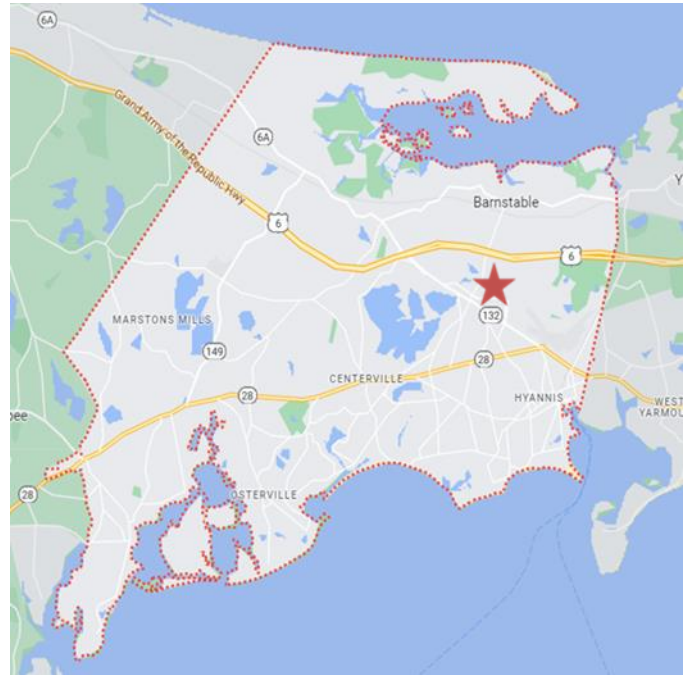
Project Working Title: Hathaway’s Pond Bathhouse and Site Improvements - Construction

Project Location: 1431 Phinney’s Lane, Barnstable Village

Project Description: The Hathaway’s Pond Park Revitalization Project is intended to rejuvenate Hathaway’s Pond Park. The project is currently in the design phase, with funding that was allocated in FY23 for design. Key improvements will include a new boat house, pavilion, beach restoration, parking lots and access drive improvements and security improvements.

Project Justification: Park Hathaway’s Pond Park is faced with a multitude of challenges. The park, bathhouse, and associated amenities have aged significantly and are in an accelerated state of decay. They no longer meet the needs of the community, and their aging condition presents safety hazards. The park also lacks accessible facilities, making it challenging for individuals with disabilities to fully enjoy the park.

Impact of Denial/Postponement: The condition of the property will continue to deteriorate, resulting in escalating maintenance costs, reduced utilization, and lower public satisfaction.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	-
	Construction or Acquisition	-	\$1,817,541
	Project Management	-	\$45,439
	Project Contingency	-	\$181,754
	Total Project Cost	-	\$2,044,734

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2026		Design & Permit (months)	12	Construction (months)	14
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$2,044,734	Construction			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue.

Operating Budget Impact now or in future: TBD



Project Working Title: Hamblin Pond Bathhouse and Site Improvements

Project Location: 415 Route 149, Marstons Mills, MA 02648

Project Description: This funding will facilitate the design and permitting for Hamblin Pond Bathhouse and Site Improvements. This project's scope of work encompasses, but is not limited to, the following key objectives:

The existing bathhouse will be demolished to make way for a new, larger facility. This new bathhouse will not only adhere to current building codes and accessibility standards but will also cater to the evolving recreational programming needs of the community.

A brand-new pavilion will be constructed, featuring outdoor showers, picnic tables, benches, and landscaping, along with various associated amenities to enhance the park's overall appeal.

The entire shoreline of the property will undergo restoration efforts to ensure its preservation and improvement. This includes enhancing the beach's elevation and width, providing an inviting and safe environment for visitors.

The project will include reconfiguration and paving of the parking area with accessible walkways. Additionally, efforts will incorporate comprehensive stormwater control measures designed to address current beach erosion issues and prevent stormwater from entering the pond, ensuring the long-term sustainability of the park's natural environment.

Project Justification: Hamblin Pond Park serves as a resident freshwater beach, making it a valuable asset for the local community. This project aims to comprehensively address deficiencies within the park. By doing so, it will not only improve public safety but also ensure that Hamblin Pond Park remains an accessible, attractive, and enjoyable destination for all residents, preserving its significance as a community treasure for generations to come.

Impact of Denial/Postponement: The condition of the property will continue to deteriorate, resulting in escalating maintenance costs, reduced utility, and lower public satisfaction.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting		\$210,000
Construction or Acquisition		-	\$1,320,000
Project Management		\$60,000	\$60,000
Project Contingency		\$45,000	\$250,000
Total Project Cost		\$315,000	\$1,630,000

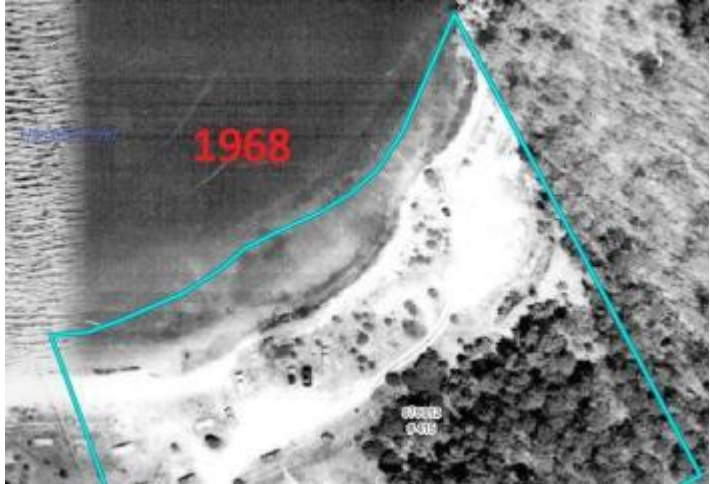
Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2025		Design & Permit (months)	12	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			

2025	\$315,000	Design & Permitting
2026	\$1,630,000	Construction

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue.

Operating Budget Impact now or in future: There is currently an annual effort to repair eroded grading and water infiltration into the pond.



Project Working Title: Community Building Security System

Project Location: West Barnstable, Centerville, and Osterville Community Buildings

Project Description: project is for the installation of a remote security access system across multiple community buildings. Using cloud technology, every building will feature FOB readers at access points, ensuring entry exclusively for authorized personnel. The conventional reliance on keys will be replaced.

Project Justification: The deployment of a cloud-managed security access system across our community buildings is intended to elevate security and operational efficiency at these Town facilities. Adopting a FOB-based access eradicates the concerns of lost or non-returned keys, ensuring only authorized individuals can access our facilities and mitigating potential security breaches. The integration of cloud technology will provide an array of benefits. Real-time monitoring, instant access privilege updates, and remote management capabilities amplify access control responsiveness and eliminate the administrative complexities of physical key distribution.



Impact of Denial/Postponement: The issue of unaccounted for keys to the community buildings will continue and community building security will continue to be compromised.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting		\$14,000
Construction or Acquisition		\$140,000	-
Project Management		\$30,000	-
Project Contingency		\$14,000	-
All Other Cost		\$45,000	-
Total Project Cost		\$243,000	-

Basis for Cost Estimates: In-house Estimate

Project Estimated Completion Date: FY 2025		Design & Permit (months)	6	Construction (months)	8
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$243,000	Design and Construction			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue.

Operating Budget Impact now or in future: It will reduce the need for re-keying of doors.

Public Works General Fund Projects

PROJECT: DPW-25

DEPARTMENT PRIORITY: 14 of 57

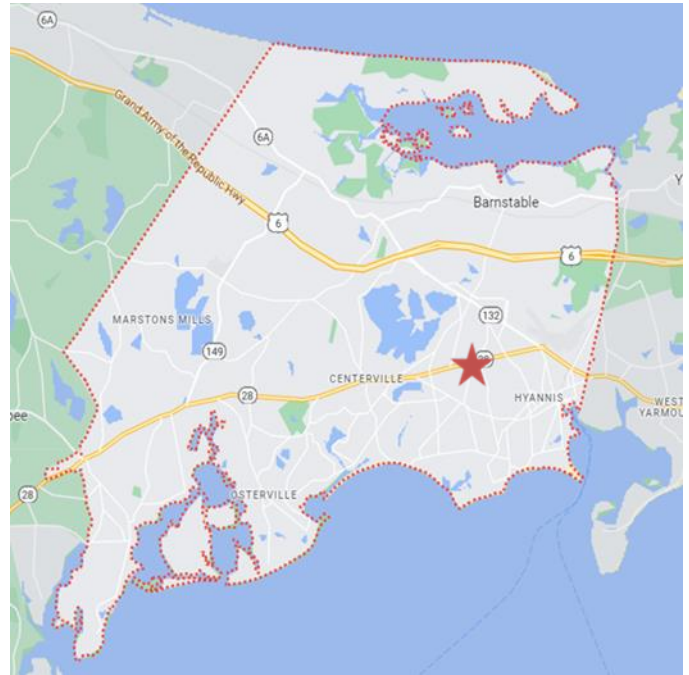
Project Working Title: Pitcher's Way Shared Use Path (Bears's Way to Smith Street) - Design

Project Location: Pitcher's Way from Bears's Way to Smith Street

Project Description: Provide pedestrian & bicycle connection for individuals traveling along Pitcher's Way and its abutting streets to the commercial area north on Route 132, to the Route 28 bike path, and to destinations along Nantucket Sound.

Project Justification: Pitcher's Way is heavily populated and an attractive pedestrian/bicycle route to various locations. A pedestrian fatality due to a motor vehicle collision on this section of Pitcher's Way in 2016 highlights the need for dedicated pedestrian and bicycle facilities.

Impact of Denial/Postponement: Failure to implement this project construction will perpetuate unsafe conditions for pedestrians and bicyclists traveling along the road.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting		\$300,000
Construction or Acquisition		-	\$2,500,000
Project Management		\$15,000	-
Project Contingency		\$75,000	\$500,000
All Other Cost		-	-
Total Project Cost		\$390,000	\$3,000,000

Basis for Cost Estimates: DPW Engineering Dept.

Project Estimated Completion Date: 2026		Design & Permit (months)	18	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$390,000	Design & Permitting			
2026	-	-			
2027	\$3,000,000	Construction			

Source of Funding: General Fund Reserves / Chapter 90.

Operating Budget Impact now or in future: Maintenance of the sidewalk will be increased (i.e. snow removal)

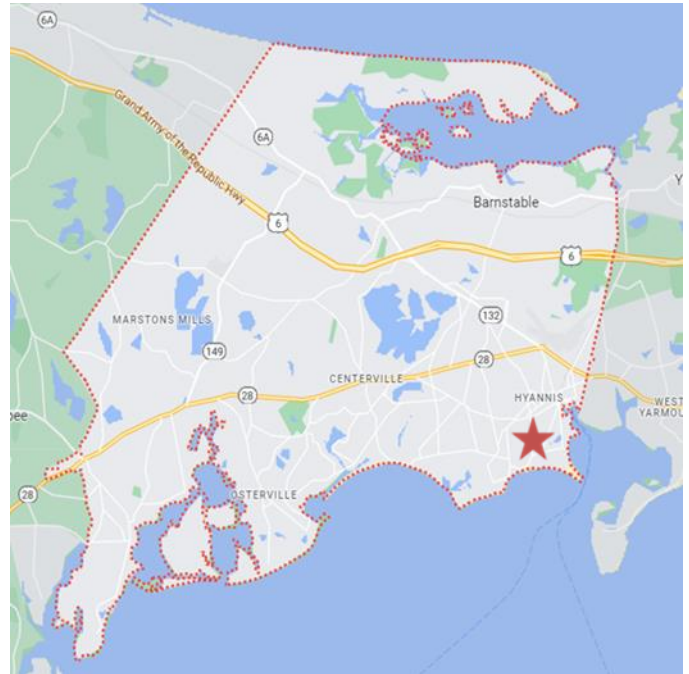


Project Working Title: Main Street, Centerville Village Pedestrian Improvements – Design

Project Location: Main Street, Centerville Village

Project Description: This project is for pedestrian improvements on Main Street, Centerville Village. The project will include replacing all existing sidewalks with new ADA compliant sidewalks, improved crosswalks, and potentially other considerations such as raised crosswalks, on-street parking improvements, street trees, lighting, etc.

Project Justification: The pedestrian facilities in Main Street, Centerville Village are not ADA compliant, present trip/safety hazards, and are in failing condition. In addition, the crosswalks in the village center are not in ideal locations to maximize sight distance and pedestrian safety. Planned sewer expansion through the village center as well as the potential Park City Wind Project present opportunities to improve pedestrian facilities in the village as part of construction restoration. The Town’s Complete Streets Prioritization Plan identifies pedestrian improvements and crosswalk improvements on Main Street, Centerville Village as a priority project.



Impact of Denial/Postponement: Failure to implement this project construction will perpetuate unsafe conditions for pedestrians and bicyclists traveling along the road.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting		\$250,000
Construction or Acquisition		-	\$2,000,000
Project Management		-	\$100,000
Project Contingency		-	\$300,000
Other Costs		-	\$50,000
Total Project Cost		\$250,000	\$2,450,000

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2026		Design & Permit (months)	12	Construction (months)	6
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$250,000	Design			
2026	\$2,450,000	Construction			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue, and possible Chapter 90 funding.

Operating Budget Impact now or in future: Regular maintenance will be through operating budget



Project Working Title: South Street Pedestrian Improvements - Design

Project Location: South Street Hyannis (Main Street to Lewis Bay Road)

Project Description: Design and permitting of a full street renovation, involving traffic flow analysis, roadway base and subbase analysis, bicycle and pedestrian movement analysis, ADA improvements and an evaluation of the sidewalks, roadway surface and storm water systems.

Project Justification: South Street is one of the main transportation arteries in Hyannis. The roadway carries traffic from the west enabling access to the Cape Cod Hospital, Hyannis waterfront, arts centers, museums, and the center of Town government. Several years ago, the water mains were upgraded in the roadway but only a thin overlay was provided to cover the resulting trenches. In recent years, the gas utilities were replaced. Next, sewer work is scheduled. At the end of all this work the road surface will need to be addressed. Additionally, the major signalized intersection at Old Colony, South and Ocean Street needs upgrading. The adjacent curbing and sidewalks are showing signs of disrepair. Lighting should be provided for pedestrian and vehicle safety. Drainage systems in the roadway are inadequate, resulting in flooding in the road at times of heavy rainfall. Allocation of space in the road layout for bicycles and pedestrians will result in addressing the needs for these modes of travel and increase the accessibility to the many attractions along the roadway for local users and visitors alike.

Impact of Denial/Postponement: Failure to fund South Street improvements will result in continued deterioration of the roadway surface features and underground utilities. An opportunity to upgrade the corridor to provide excellent access to the many businesses, cultural attractions and Municipal offices will be lost. Safety issues with curb ramps and sidewalks will be exacerbated and excessive maintenance funds required to provide a minimum level of service.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$360,000	-
	Construction or Acquisition	-	\$3,000,000
	Project Management	\$18,000	-
	Project Contingency	\$90,000	\$600,000
	All Other Cost	-	-
	Total Project Cost	\$468,000	\$3,600,000

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2026		Design & Permit (months)	18	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$468,000	Design			
2026	-	-			
2027	\$3,600,000	Construction			
2028	-	-			
2029	-	-			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue, and potential Chapter 90 funding.

Operating Budget Impact now or in future: Over the past 18 months, DPW Highway has occurred approximately \$10,000 in emergency repairs to the road. Additional electrical cost will occur if decorative lighting is added.



Project Working Title: Bismore Park Improvements – Design & Permitting

Project Location: Bismore Park, Hyannis

Project Description: This project focuses on replacing the deteriorated artist shanties with modern structures, reconfiguring the walkways for improved flow, and incorporating new electric services and lighting to create a vibrant and secure environment for pedestrians.

Project Justification: The existing shanties, initially designed as temporary structures, have reached a state of disrepair, posing safety risks to park visitors. Additionally, the constantly repaired walkway is no longer sustainable and fails to meet accessibility standards. By replacing the shanties and providing a permanent walkway solution, this project will significantly enhance safety and accessibility for all park users.

Impact of Denial/Postponement:

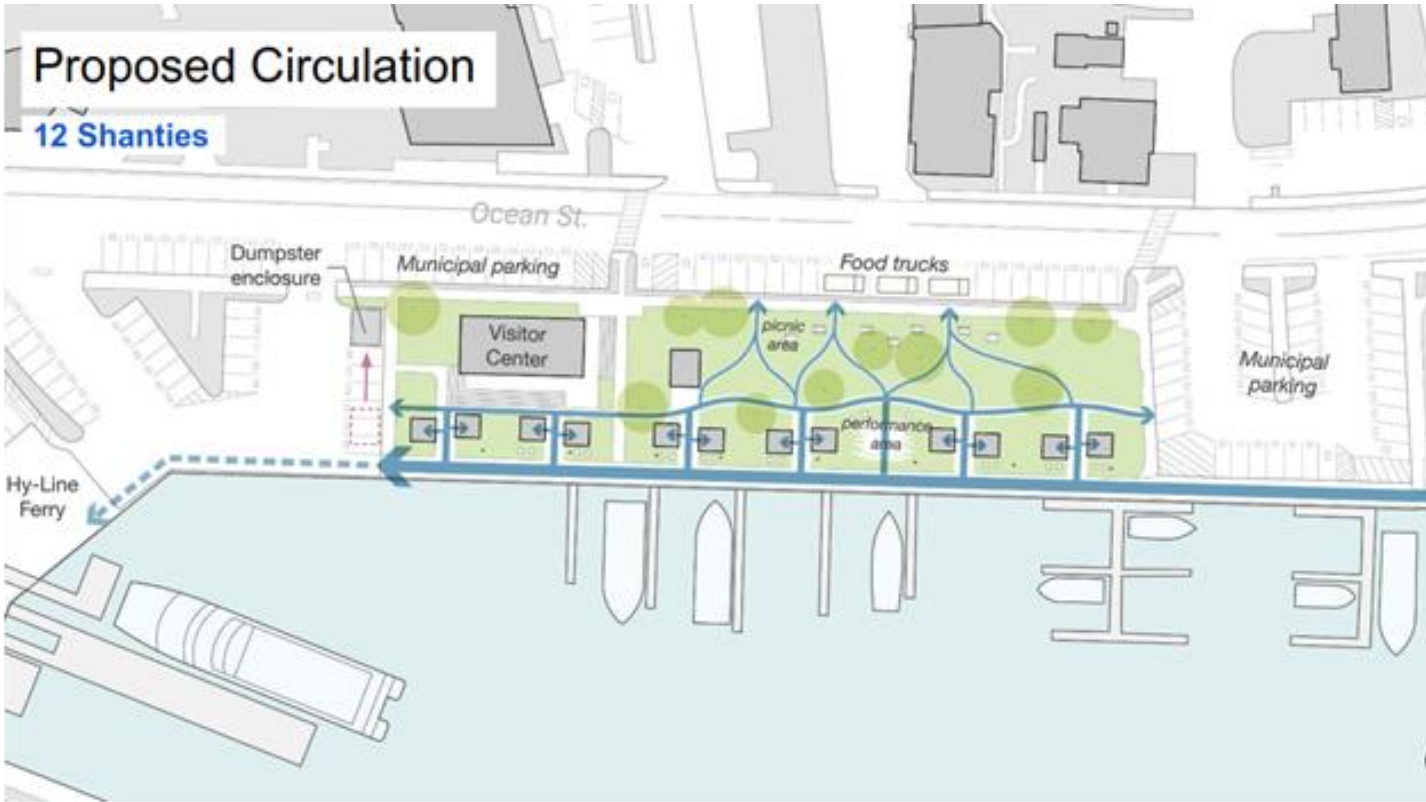
Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$173,000	-
	Construction or Acquisition	-	\$865,000
	Project Management	\$30,000	\$40,000
	Project Contingency	-	\$86,000
	All Other Cost	\$30,000	-
	Total Project Cost	\$233,000	\$991,000

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2028		Design & Permit (months)	24	Construction (months)	36
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$233,000	Design and Permitting			
2026	\$991,000	Construction			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue, and part of this project could be funded through Community Preservation Funding.

Operating Budget Impact now or in future: Maintenance costs should be reduced in the short term.



Waterfront walkway enhancement strategies

- Replace the traditional pedestrian pole lights with an overhead canopy of lights spanning poles on either side of the walkway
- Explore different paving strategies such as hexagonal asphalt pavers for the main waterfront walkway
- Explore raising the elevation of the walkway in conjunction with the bulkhead project



Project Working Title: Maraspin Creek Culvert Replacements (Indian Trail and Swallow Hill Drive) – Design and Permitting

Project Location: Indian Trail and Swallow Hill Drive, Barnstable Village

Project Description: This project will replace the existing culverts under Indian Trail and Swallow Hill Drive

Project Justification: In recent years, residents adjacent to the existing culverts under Indian Trail and Swallow Hill Drive have report flooding during high rainfall events and periods of high groundwater. Maintenance challenges are present with the existing culverts due to access limitations and the design of the existing culverts. In addition, DPW retained a consultant to evaluate the hydraulic capacity of the culverts, which recommended upsizing the culverts.

Impact of Denial/Postponement: Continued flooding and maintenance concerns.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$285,000	-
	Construction or Acquisition	-	\$1,500,000
	Project Management	-	\$150,000
	Project Contingency	\$34,000	\$225,000
	All Other Cost	-	\$25,000
	Total Project Cost	\$285,000	\$1,900,000

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2027		Design & Permit (months)	18	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$285,000	Design and Permitting			
2026	\$1,900,000	Construction			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue, potential grants available through NRCS and other culvert replacement grant opportunities will be pursued.

Operating Budget Impact now or in future: Maintenance costs should be reduced in the short term.

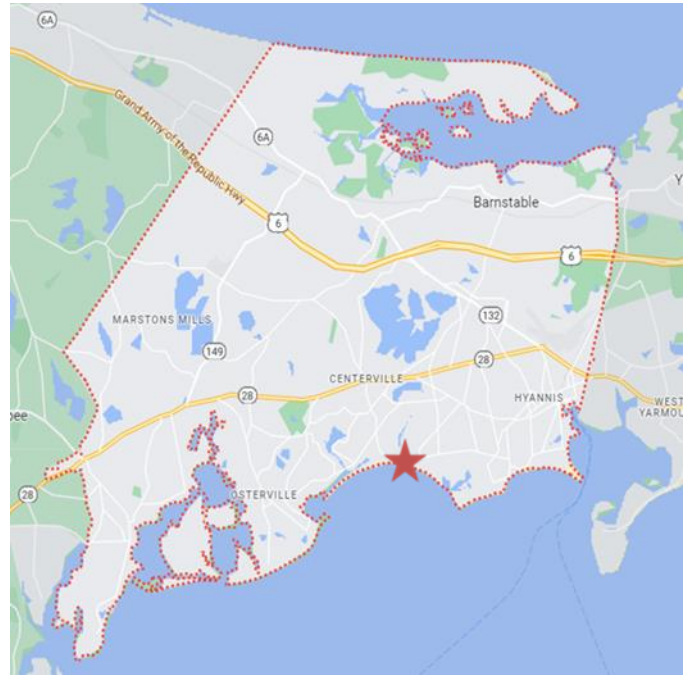


Project Working Title: Craigville Beach Road Pedestrian Improvements – Design

Project Location: Craigville Beach Road from Centerville River Bridge to Covell’s Beach

Project Description: This project is for pedestrian improvements on Craigville Beach Road from approximately the Centerville River Bridge to Covell’s Beach. The project will include replacing all existing sidewalks with new ADA compliant sidewalks, improved crosswalks, and potentially other considerations such as raised crosswalks, pedestrian flashing beacons, driveway reconfigurations, bike lanes, etc.

Project Justification: The pedestrian facilities on Craigville Beach Road from the Centerville River Bridge to Covell’s Beach are inadequate to support the usage, particularly during the summer months. Sidewalks do not exist for the entire length, crosswalks are not ADA compliant, and bike facilities do not exist. The Town’s Complete Streets Prioritization Plan identifies pedestrian improvements and crosswalk improvements on this section of Craigville Beach Road as a priority project.



Impact of Denial/Postponement: Failure to implement this project construction will perpetuate unsafe conditions for pedestrians and bicyclists traveling along the road.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting		\$200,000
Construction or Acquisition		-	\$1,000,000
Project Management		-	\$100,000
Project Contingency		-	\$300,000
All Other Cost		-	\$100,000
Total Project Cost		\$850,000	\$1,500,000

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2027		Design & Permit (months)	12	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$200,000	Design, Permitting			
2026	\$1,500,000	Construction			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue, and potential Chapter 90 funding.

Operating Budget Impact now or in future: Maintenance of the sidewalk will be increased (i.e. snow removal)

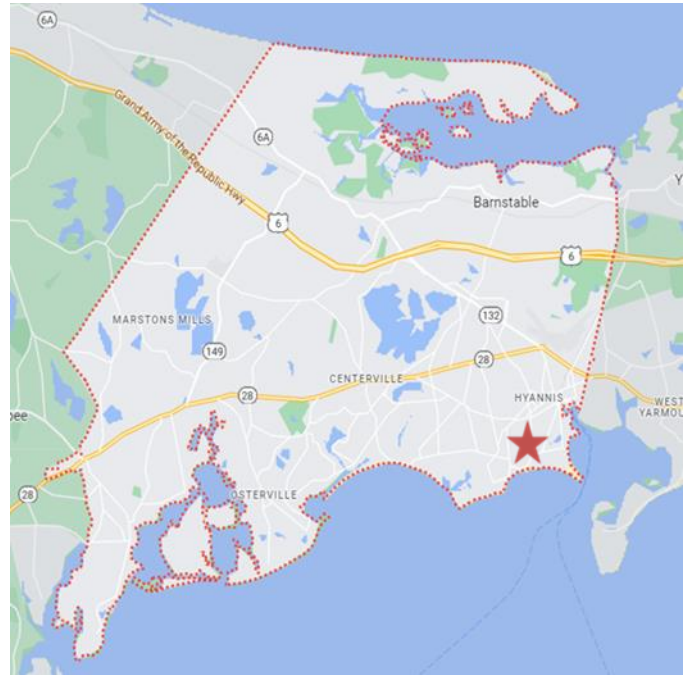


Project Working Title: Armory Building Improvements - Construction

Project Location: South Street, Hyannis

Project Description: This project will address exterior restoration of the building. Work will include masonry, windows, door, and roof restoration / replacement work, and can be funded through community preservation act funding. This work is necessary regardless of the ultimate vision for the facility. Design and hazardous materials remediation was funded in FY19. The project will be broken into multiple phases over consecutive years.

Project Justification: Over the years the condition of the building has deteriorated. Water is leaking into the building from parts of the flat roof. Steel lintels above the windows continue to corrode and expand, breaking and opening brick joints, allowing water into the masonry system. This funding is being requested to secure the exterior envelope of the building, restoring masonry and replacing windows, doors, and the flat roof.



Impact of Denial/Postponement: The building is in a moderate state of decay. Roofing elements are continuing to leak, while the masonry exterior degrades and allows water into the system. If not corrected the interior environment will continue to deteriorate. Costs of repairs will increase as time goes on.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting		\$50,000
Construction or Acquisition		\$2,737,201	-
Project Contingency		\$262,799	-
Project Management		\$50,000	-
Total Project Cost		\$3,100,000	-

Basis for Cost Estimates: DPW Engineering

Project Estimated Completion Date: 2025		Design & Permit (months)	8	Construction (months)	10
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$3,100,000	Exterior restoration design and construction			
2026	-	-			
2027	-	-			
2028	-	-			
2029	-	-			

Source of Funding: General Fund Reserves. Bond Issue. Community Preservation Funding.

Operating Budget Impact now or in future: This project replaces multiple elements of the building that would need to be repaired over time. This project also eliminates maintenance of 200 Main Street by removing it from the building inventory.



Project Working Title: 46 Pearl Street Repairs

Project Location: 46 Pearl Street, Hyannis, MA 02601

Project Description: The project encompasses a wide range of critical exterior improvements, and any other necessary enhancements discovered during the repair process. These renovations are aligned with recommendations from the facility management study completed in 2018. Future funds will be required for upgrading interior elements.

Work will include:

- **Window Replacement:** Installing energy-efficient windows to improve insulation and maintain the historical character of the building.
- **Exterior Door Repairs/Replacement:** Ensuring the building's security, weather resistance, and accessibility through the restoration or replacement of exterior doors.
- **Roof Replacement:** Implementing a durable and energy-efficient roofing system to protect the structure and reduce long-term maintenance expenses.
- **Rear Deck Replacement:** Reconstructing the failing rear deck to provide handicapped access into the building.
- **Basement Water Infiltration Remediation:** Addressing moisture issues in the basement to protect the building's foundation and ensure structural integrity.
- **Existing bathroom renovation** to make it handicapped accessible.
- **Additional Improvements:** Identifying and addressing any unforeseen structural or aesthetic concerns discovered during the renovation process.



Project Justification: This historic structure, initially constructed in 1920 and repurposed as an artist residence and workspace in 2007, has been a cornerstone of the local arts community for the past 15 years. It serves as a sanctuary for artists, providing them with essential housing and creative workspace.

Open to the public, this building is required to be handicapped accessible. The replacement of the rear deck along with renovations to the restroom are needed to create access into the building.

Upgrading to energy-efficient windows and roofing not only ensures the comfort of occupants but also contributes to long-term cost savings and reduces the building's environmental footprint. These improvements reflect our commitment to sustainability.

Impact of Denial/Postponement: Building and site elements will continue to deteriorate due to deferred improvements resulting in greater future expenditures.

Project Cost Estimates:	FY 2025	Future FY
	Design & Permitting	\$42,000
Construction or Acquisition	\$280,000	\$179,000
Project Management	\$42,000	\$26,900
Project Contingency	\$28,000	\$18,000
All Other Cost	\$1,000	-

	Total Project Cost	\$393,000	\$250,900
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Basis for Cost Estimates: EMG facilities condition assessment

Project Estimated Completion Date: 2025		Design & Permit (months)	8	Construction (months)	8
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$393,000	Design and construction - Exterior			
2026	\$250,900	Design and construction - Interior			

Source of Funding: 100% of FY25 funding is eligible for a combination of CBDG and Community Preservation Funding.

Operating Budget Impact now or in future: This project relocates and upgrades an existing space within the building. Staffing will remain the same.



46 Pearl Building

Project Working Title: 50 Pearl Street Repairs

Project Location: 50 Pearl Street, Hyannis, MA 02601

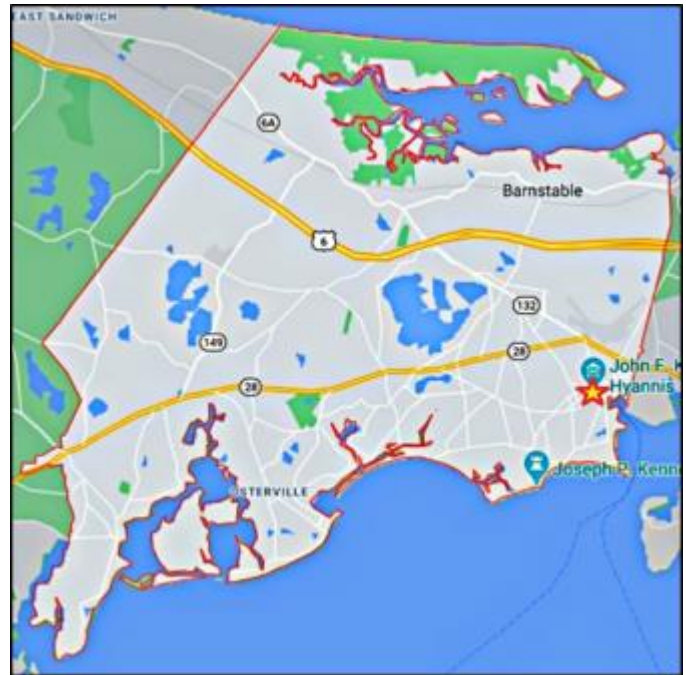
Project Description: The project at 50 Pearl Street is aimed at implementing recommendations derived from the Facility Management Study conducted in 2018. This historic building houses artist workshops and galleries. This project spans across two fiscal years, with FY25 dedicated to exterior envelope and interior mechanical work and FY26 focusing on interior renovations.

FY25 work will include:

- **Basement Wall Leak Repairs:** The facility has been experiencing water infiltration into the basement posing a potential mold hazard to the occupants as well as damage to the murals sketched on the basement walls. Repairing these leaks is essential to prevent further damage and maintain a safe environment.
- **Exterior Shingle Replacement:** The exterior shingles of the building have deteriorated over time, affecting both aesthetics and insulation. Replacing the shingles will improve the building's appearance and energy efficiency.
- **Exterior Door Restoration:** Exterior doors play a crucial role in security and insulation. Restoring these doors will enhance both safety and energy conservation.
- **Basement Windows:** The old single pane basement windows are in need of replacement. Area ways need to be reconstructed to eliminate water infiltration through the windows.
- **Plumbing Fixture Replacement:** Outdated plumbing fixtures often result in inefficiencies and water wastage. Replacing these fixtures will reduce water consumption and maintenance costs.
- **Mechanical Upgrades and Replacement:** Aging water heaters are less energy-efficient and prone to malfunctions. Replacing them with modern, energy-efficient units will reduce utility costs and ensure a reliable hot water supply. Air conditioning will be added to the building as part of the upgrades. The building's duct work system needs to be upgraded as part of the heating system repairs.
- **Electric Distribution System Upgrade:** An upgraded electrical distribution system is essential for the safety of occupants and the reliable functioning of the facility.
- **Fire Alarm System Repairs:** A functional fire alarm system is crucial for the safety of the facility's occupants. Repairing and upgrading it will ensure its reliability in case of emergencies.
- **Other Elements:** Additional elements that may be discovered during the design and construction process will be addressed promptly to maintain the facility's overall integrity and functionality.

Project Justification: The project at 50 Pearl Street is in response to findings from the 2018 Facility Management Study, focusing on crucial exterior and interior upgrades. This historic building houses artist workshops and galleries, adding an extra layer of significance to its preservation. FY25 targets basement leaks, shingle replacement, door restoration, basement window replacement, plumbing and water heater upgrades, electrical system improvements, fire alarm repairs, and other unforeseen issues. FY26 extends improvements to interior finishes, signage, and lighting. The historic 189-year-old structure is in need of essential renovations to ensure it continues to thrive as an integral part of the arts and culture program while meeting critical public safety requirements.

Impact of Denial/Postponement: Life safety improvements will be deferred. Building and site elements will continue to deteriorate due to deferred improvements resulting in greater future costs.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$41,000	\$8,759
	Construction or Acquisition	\$345,000	\$72,989
	Construction Contingency	\$35,000	\$7,299
	Project Management	\$30,000	\$7,299
	Project Contingency	\$0	\$0
	All Other Costs	\$20,000	\$10,000
	Total Project Cost	\$471,000	\$106,346

Basis for Cost Estimates: EMG Facilities Condition Assessment

Project Estimated Completion Date: 2025		Design & Permit (months)	8	Construction (months)	6
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$471,000	Design and construction - Exterior			
2026	\$106,346	Design and construction - Interior			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue. Some items may be eligible for Community Preservation Funding.

Operating Budget Impact now or in future: Reduced maintenance costs.





50 Pearl Street

Project Working Title: Old Jail Repairs

Project Location: 3365 Main St, Barnstable, MA 02630

Project Description: Built in the late 1600’s and one of the oldest wooden jails in the state, this project would fund needed structural, accessibility, exterior and site improvements to the building. These funds would provide for design and renovation / construction. There is renewed interest in expanding access and viewing of the old jail as part of expanding operations of the Coast Guard Heritage Museum campus and Blacksmith Shop. FY25 funding request will develop construction drawings. FY26 funding request will provide funds for construction.

Project Justification: In 2011 CBI Consulting completed a historic building study for this building. Originally constructed in 1690, the building has been moved, patched, repaired and painted, but additional renovations are now necessary. Extensive deterioration of original floor supports has been observed in the basement. Repair work identified as needing to be done in 2011 is included as part of this project.



Impact of Denial/Postponement: Continued deferred maintenance of this facility will contribute to its further deterioration and increased cost of repair. At some point the structural deterioration will become a life safety issue and the building will not be habitable.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	\$55,738	-
	Construction or Acquisition	-	\$304,920
	Construction Contingency	-	\$30,492
	Project Management	\$20,000	\$10,492
	Project Contingency	-	-
	All Other Costs	\$30,000	-
	Total Project Cost	\$105,738.00	\$345,904

Basis for Cost Estimates: Department of Public Works Architect In-house Estimate

Project Estimated Completion Date: 2025		Design & Permit (months)	6	Construction (months)	8
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$105,738	Design			
2026	\$345,904	Construction			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue. This project is eligible for Community Preservation Funding

Operating Budget Impact now or in future: These renovations are not expected to have a measurable impact on the Operating Budget.



Old Jail

Project Working Title: Concrete Guardrail Replacement

Project Location: Town wide

Project Description: This project funds the installation of new guardrail or removal and replacement of deteriorated concrete post with and without steel cable and damaged guardrails. Locations for this work will be determined by inspection coordinated between Highway and Engineering Divisions of the Department of Public Works.

Project Justification: The Town of Barnstable has approximately 9.2 miles of guardrail, some of which do not meet the MUTCD standards and others that need replacing. The current guardrail throughout the Town consists of concrete posts w/o steel cables, timber, steel backed timber, weathered steel, and galvanized steel. Replacement allows various locations to meet MassDOT standards and damaged locations to be repaired.

Impact of Denial/Postponement: Pedestrian and vehicle safety can be impacted by allowing current guardrail to age without a replacement plan.

Project Cost Estimates:		FY 2025	Future FY
	Construction or Acquisition	\$170,000	\$773,214
	Project Contingency	\$17,425	\$75,000
	Total Project Cost	\$187,425	\$848,214

Basis for Cost Estimates: In-house estimate

Project Estimated Completion Date: 2028	Design & Permit (months)	12	Construction (months)	24
Cost/Description FY 2025 and Follow-On Years:				
Fiscal Year	Cost	Project Description/Components		
2025	\$187,425.00	Design and Construction		
2026	\$196,796.00	Design and Construction		
2027	\$206,636.00	Design and Construction		
2028	\$216,967.00	Design and Construction		
2029	\$227,815.00	Design and Construction		

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue, potential Chapter 90 funding.

Operating Budget Impact now or in future: This is existing infrastructure which is already being maintained. This work should decrease the need for expenditure in the short term.



Concrete Guardrail Removal

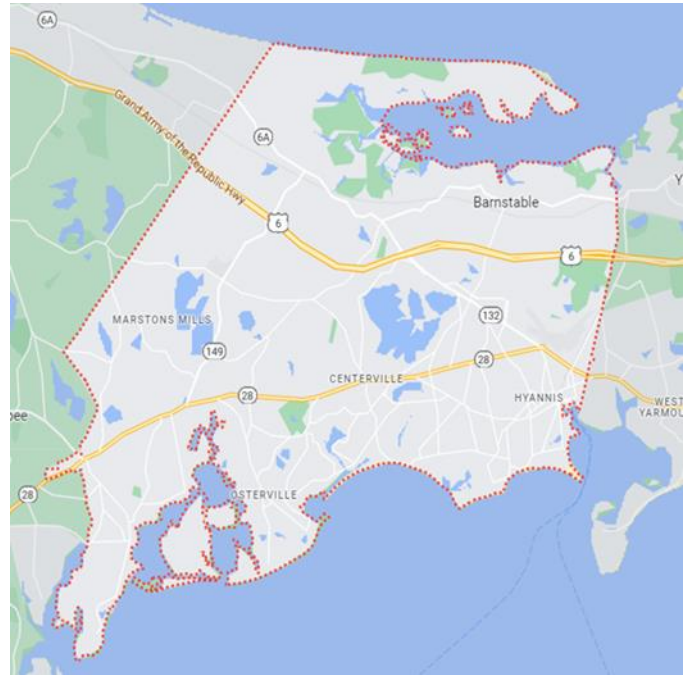
Project Working Title: Hawes Avenue Culvert Reconstruction

Project Location: 0 Ocean Street and 11 Hawes Avenue, Hyannis

Project Description: This project will complete the construction of needed repairs to a failing culvert underneath Hawes Avenue, Hyannis.

Project Justification: Sinkholes underneath and adjacent to Hawes Avenue have been continually worsening over the years due to an old and degraded culvert that conveys water from Hyannis Harbor to an up-gradient salt marsh. The culvert is in need of repair or replacement in order to prevent further degradation of the roadway and/or catastrophic failure of the roadway.

Impact of Denial/Postponement: Failure to construct this project will mean further deterioration of the infrastructure and Hawes Avenue. If conditions worsen, there may be a need for emergency repair to maintain Hawes Avenue, or the crumbling pipe and roadway could restrict flow to the adjacent salt marsh; potentially leading to a loss of aquatic and land-based species.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	-
	Construction or Acquisition	-	\$1,250,000
	Project Management	-	\$50,000
	Project Contingency	-	\$100,000
	All Other Cost	-	-
	Total Project Cost	-	\$1,400,000

Basis for Cost Estimates: In-house estimate

Project Estimated Completion Date: 2026		Design & Permit (months)	NA	Construction (months)	6
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$1,400,000	Construction			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue.

Operating Budget Impact now or in future: None



Asphalt and rock patches on Hawes Avenue due to broken culvert pipe under roadway (taken 3-15-2022).



Culvert headwall and up-gradient salt marsh (taken 3-15-22).



Junction manhole at the connection of an older culvert to a newer culvert that allows salt water connection to the upgradient salt marsh (taken 3-15-22).

Project Working Title: Hyannis West End Rotary Study Design and Construction

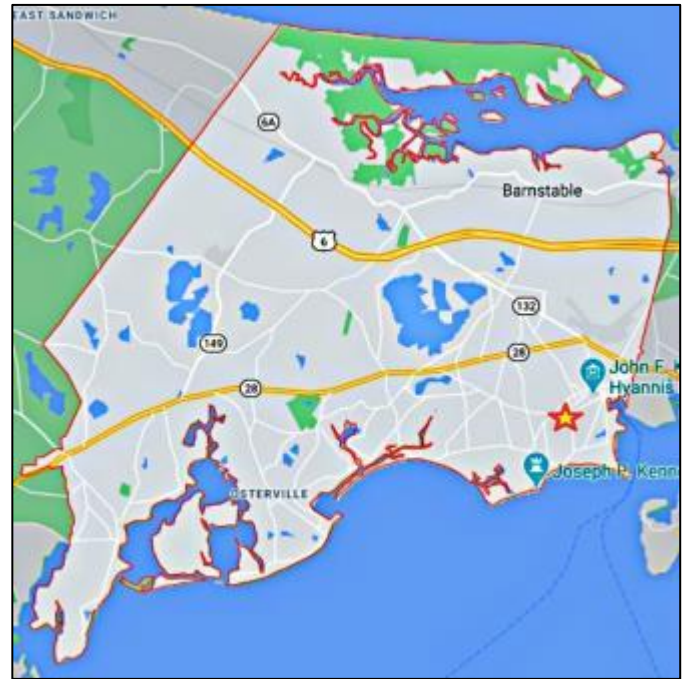
Project Location: West End Rotary, Main Street, Hyannis

Project Description: At the request of DPW, in 2021 the Cape Cod Commission (CCC) completed a Road Safety Audit (RSA) of the West End Rotary which identifies safety issues and potential improvements to address these issues. This project will fund further evaluation, design and ultimately construct recommended improvements at the rotary.

Project Justification: The West End Rotary is an important “gateway” to downtown Hyannis and is need of upgrade in order to improve safety. Barnstable Police Department has previously identified the West End Rotary as the #4 highest ranked crash location in Town. The RSA identifies many observations and potential safety enhancements including:

- Improvements to multi-modal accommodations, particularly pedestrian and bicycle
- Geometric improvements
- Improved signage and pavement markings
- Reduction in curb cuts

Growth in the area is likely to exacerbate these concerns unless properly addressed.



Impact of Denial/Postponement: Safety issues will remain unaddressed.

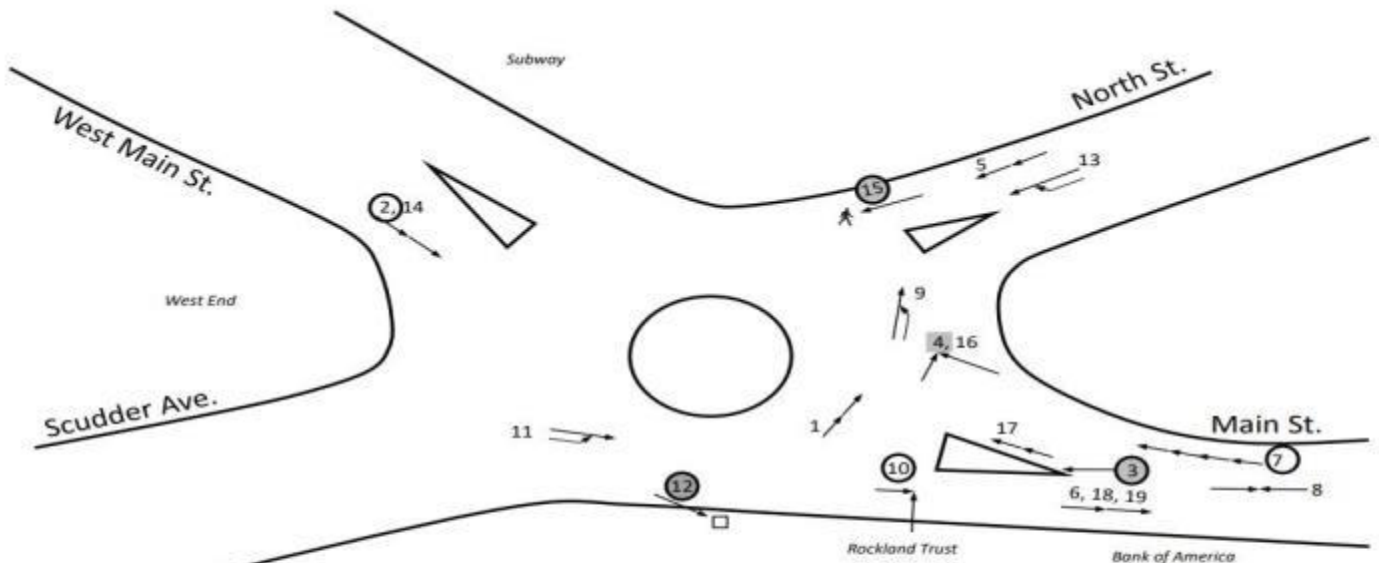
Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting		-
Construction or Acquisition		-	\$2,500,000
Project Management		-	\$100,000
Project Contingency		-	\$350,000
All Other Cost		-	\$100,000
Total Project Cost		-	\$3,300,000

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2026		Design & Permit (months)	12	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$250,000	Design and Permitting			
2027	-	-			
2028	\$3,050,000	Construction			

Source of Funding: Capital Trust Fund and/or Bond Issue. Also, potential Chapter 90. Potentially TIP funding for construction.

Operating Budget Impact now or in future: N/A



CRASH DIAGRAM

Location: West End Rotary
 Town: Barnstable
 Date of Crash Data: 1/1/16 - 12/31/20
 Total Crashes: 19 Injury Crashes: 6 Fatal Crashes: 0
 Note:

- SYMBOLS**
- Moving Vehicle
 - ← Backing Vehicle
 - ↔ Lane Change
 - ↘ Turning Vehicle
 - ↖ Out of Control
 - ⋯ Indirectly Involved Vehicle
 - ⚓ Bicycle
 - 🚶 Pedestrian
 - ◻ Parked Vehicle
 - ◻ Fixed Object

- MANNER OF COLLISION**
- Single Vehicle Crash
 - ← Rear-end
 - ↘ Angle
 - ↔ Sideswipe
 - Head on
 - ↔ Rear to Rear
- SEVERITY**
- Injury Crash
 - ◻ Nighttime Crash
 - Fatal Crash



Hyannis West End Rotary

Project Working Title: Old Town Hall - JFK Museum Improvements

Project Location: 397 Main St, Hyannis, MA 02601

Project Description: This project implements some of the recommendations for the facility management study completed in 2018. It includes replacement of electrical supply, electrical distribution, fan coil units, elevator controls, plumbing, fire alarm upgrades, exterior lighting, roof repairs / replacement, mechanical, HVAC, and other needed physical improvements.

Project Justification: Installed in 2002 the fan coil units that heat and cool the Old Town Hall have exceeded their useful life. The boiler system is aged and at the end of its useful life. Although currently operating, replacement parts for these units are no longer available. The Town of Barnstable constructed the building in 1926 as the Barnstable Town Hall. In 2018 a facility management study was completed for the building. Numerous building elements and systems were identified as overdue for replacement. The electric supply, electric distribution, tar and gravel roof system, boilers, fan coil unit's backflow preventers, plumbing elements, pumps, water heater, fire alarm and numerous other items are in need of replacement. As a leased property, the John F Kennedy Museum receives over 50,000 visitors per year.



Impact of Denial/Postponement: Mechanical systems will continue to degrade and risk increases of a system failure.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$150,734
	Construction or Acquisition	-	\$1,507,342
	Project Management	-	\$100,000
	Project Contingency	-	\$150,734
	All Other Cost	-	\$70,000
	Total Project Cost	-	\$1,978,810

Basis for Cost Estimates: 2018 Facility Study and In-house Estimate

Project Estimated Completion Date: 2024		Design & Permit (months)	8	Construction (months)	8
Cost/Description FY 2024 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$1,978,810	Design and Construction			
2027	-	-			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue. Portions of this project are eligible for Community Preservation Funding

Operating Budget Impact now or in future: N/A

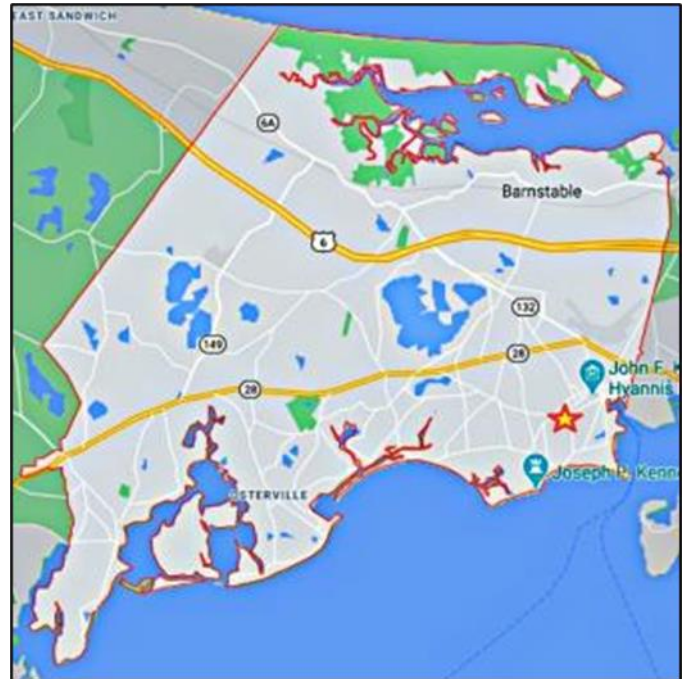


JFK Museum A/C and heater unit

Project Working Title: West Main Street Pedestrian & Bicycle Improvements

Project Location: West Main Street, Hyannis, between the intersections with West End Rotary on the east and Rt. 28 on the west.

Project Description: The project scope includes constructing a shared use path; constructing sidewalks where there are gaps; reconstructing sidewalks that are deteriorated and/or non-compliant with ADA criteria; constructing or reconstructing curb ramps where missing, deteriorated, or non-compliant; adding or improving crosswalks; installing or replacing traffic signs where warranted; traffic signal improvements for pedestrians and bicyclists; school zone improvements; adding street trees where appropriate; and other associated work.



Project Justification: There is a high volume of pedestrian traffic along both sides of West Main Street due to the large number of businesses on the street and students walking to and from the Barnstable High School and Hyannis West Elementary School. Many of the sidewalk sections that service this segment of the street have deteriorated over time, are too narrow for snow removal equipment to access and are not ADA compliant.

Impact of Denial/Postponement: Denial of the project will perpetuate unsafe conditions for pedestrians traveling/crossing in this section of West Main Street

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting		\$480,000
	Construction or Acquisition		\$4,000,000
	Construction Contingency		\$800,000
	Project Management		\$24,000
	Project Contingency		\$120,000
	All Other Costs		\$0
	Total Project Cost		\$5,424,000

Basis for Cost Estimates: Department of Public Works In-house Estimate

Project Estimated Completion Date: 2027		Design & Permit (months)	18	Construction (months)	NA
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$624,000	Design and Permitting			
2027	\$4,800,000	Construction			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue. Chapter 90.

Operating Budget Impact now or in future: No



1 Example of excessive driveway opening



2 Example of crosswalk missing curb ramps



3 Low-visibility crosswalk and missing sign



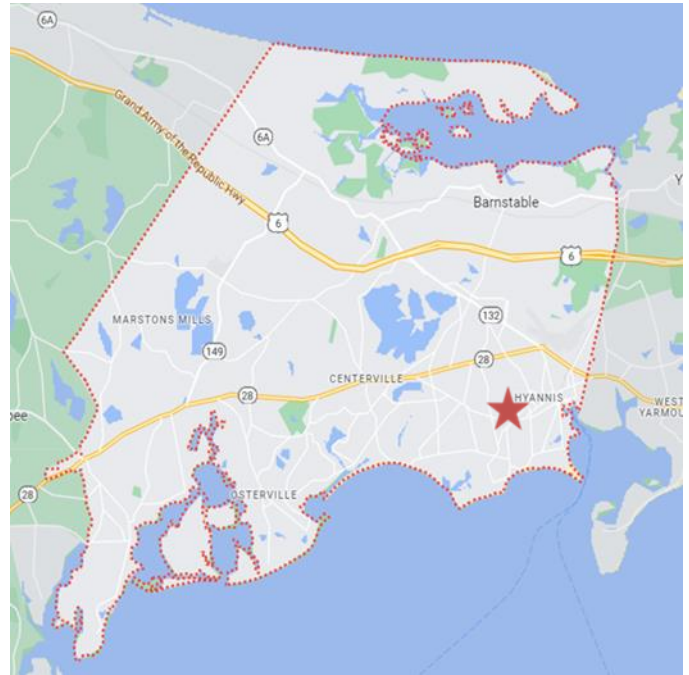
4 Crumbling sidewalk

Project Working Title: West Main Street & Pine Street Intersection Improvements – Design & Permitting

Project Location: West Main Street & Pine Street / Barnstable High School Driveway, Hyannis

Project Description: The project scope is anticipated to include (but is not necessarily limited to) installing traffic and pedestrian signal equipment, pedestrian curb ramps, sidewalk, crosswalks, traffic signs, and pavement markings; modifying intersection geometry; and associated work.

Project Justification: This project is necessary to improve public safety and convenience; to provide universal accessibility and to comply with state and federal accessibility requirements; and to replace deteriorated, damaged, deficient, or outdated infrastructure. Traffic signals are warranted at this location based on traffic volumes and crash history criteria in the Federal Highway Administration’s Manual on Uniform Traffic Control Devices.



Impact of Denial/Postponement: If the proposed improvements are not funded it is likely that this intersection will continue to experience a higher number of crashes and near crashes, and a lack of proper pedestrian facilities.

Project Cost Estimates:	FY 2025	Future FY
Design and Permitting	-	-
Construction or Acquisition	-	\$ 1,003,000
Construction Contingency	-	\$ 201,000
Project Management	-	\$ 6,000
Project Contingency	-	\$ 30,000
All Other Costs	-	-
Total Project Cost	-	\$ 1,240,000

Basis for Cost Estimates: Department of Public Works In-house Estimate

Project Estimated Completion Date: 2025		Design & Permit (months)	6	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$1,240,000	Construction			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue.

Operating Budget Impact now or in future: None

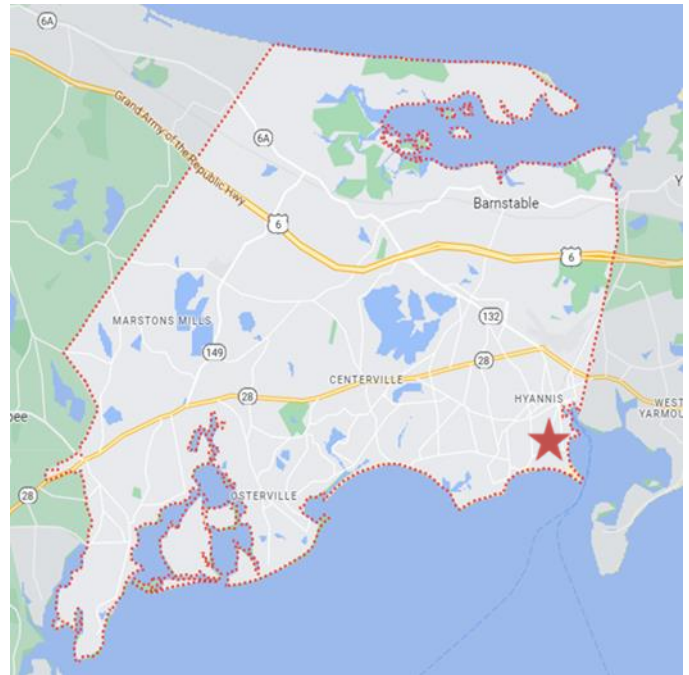


Project Working Title: Emergency Generator Implementation Plan

Project Location: Hyannis Youth & Community Center

Project Description: This project (FY25) continues implementation of emergency generator installations with the installation of a new generator for the Hyannis Youth and Community Center. Future requests (FY26) will replace existing aging generators at the Barnstable Town Hall

Project Justification: HUREX 2019 exercises revealed that in the case of hurricanes or major storms the town’s generator inventory is lacking. This CIP addresses the need for an emergency standby generator at the Hyannis Youth and Community Center. This facility contains lockers, showers, food service, meeting space, and open areas that could be utilized during power loss by the community if emergency power exists at the site. Currently during power outages, the facility is unusable. The addition of a generator at this building will allow operation of the facility during power outages at a key location in Town.



Impact of Denial/Postponement: Previous years funding allowed installation or replacement generators at the DPW Fleet Maintenance and Marine Environmental Affairs facilities. Generators for the West Barnstable Community Building and School Administration Building are in design. Transfer switches for various buildings as well as calculations to size the portable generator are in design. If not funded the Hyannis Youth and Community Center will continue to be unusable during power outage events and loss of ice in the rinks possible.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting		\$95,288
Construction or Acquisition		\$794,063	\$341,250
Construction Contingency		\$79,406	\$34,125
Project Management		\$63,525	\$30,000
Project Contingency		\$0	\$0
All Other Costs		\$1,000	\$1,000
Total Project Cost		\$1,033,282	\$447,325

Basis for Cost Estimates: Department of Public Works In-house Estimate

Project Estimated Completion Date: 2025		Design & Permit (months)	6	Construction (months)	8
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$1,033,282	HYCC Generator			
2026	\$447,325	Town Hall Generator & Auxiliary Fuel Trailer			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue.

Operating Budget Impact now or in future: General maintenance.

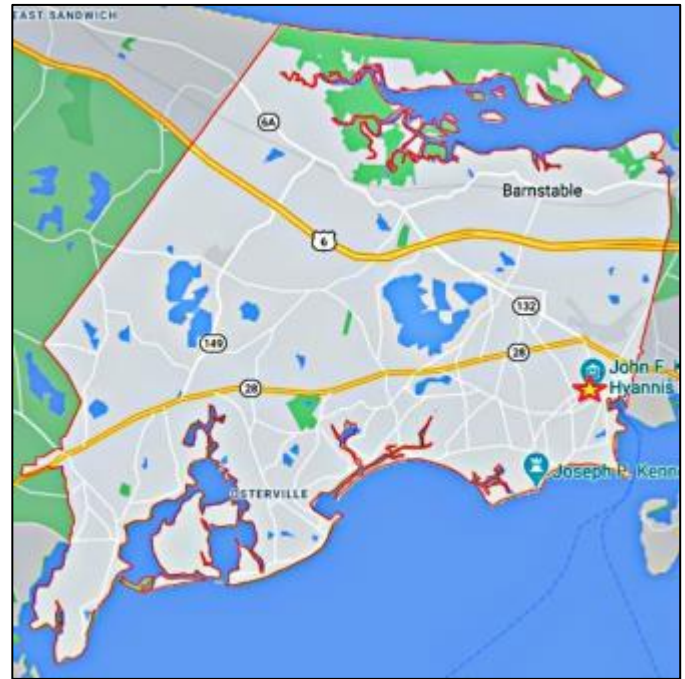


Project Working Title: Town Hall & School Admin Building Security Improvements

Project Location: 367 Main St Hyannis, MA 02601

Project Description: This improvement plan continues phased implementation of the recommendations contained within the Internal Security Evaluation. The work will include:

- Upgrade exterior protection of the Town Hall building and exterior gas valves.
- Secure the half-moon walking path from vehicular access.
- Install metal detector at the main entrance
- Install a CCTV system to monitor the internal and external sides of all entrances
- Other related security measures.



Project Justification: In FY15 Town Council approved a CIP to evaluate the security risks in Town Hall. During initial project meetings between Town leaders, the Barnstable Police Department (BPD), and the Department of Public Works it was decided that the actual evaluation could be handled internally, and the monies in that CIP should be used for implementation of identified security measures. The evaluation has been completed, and the FY15 money was used for the FY17 portion implementation plan.

Impact of Denial/Postponement: The Town will still face the same risks, but without thoughtful proactive measures in place to mitigate those risks it is vulnerable to a potentially horrible, preventable, outcome.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$124,200
	Construction or Acquisition	-	\$1,076,400
	Construction Contingency	-	\$82,800
	Project Management	-	\$77,680
	Project Contingency	-	-
	All Other Costs	-	\$70,000
	Total Project Cost	-	\$1,431,080

Basis for Cost Estimates: Engineer-assisted DPW cost estimate

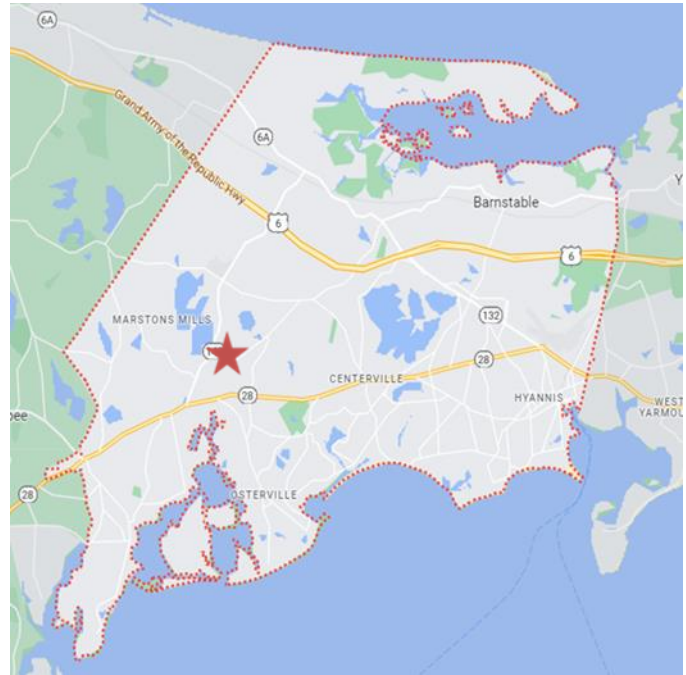
Project Estimated Completion Date: Fall 2025		Design & Permit (months)	8	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$409,600	Town Hall Security Implementation			
2027	\$1,021,480	School Administration Building Security Improvements			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue.

Project Working Title: Marstons Mills Playground Project

Project Location: 2095 Main Street, Marstons Mills

Project Description: This project will fund the design and installation of a new playground in Marstons Mills. The playground will be designed to accommodate one age group, 2-5 year olds, and will be designed as a neighborhood playground. The layout and selection of equipment will be coordinated with local Community Groups, the Community Services Department, Planning and Development Department, and other interested parties. The playground equipment will be handicapped accessible and will include, wood fiber surfacing, limited poured-in-place access surfacing, partial wood and chain link fencing, and seating. The playground will be designed around some of the existing old trees which will provide shade.



Project Justification: Over the past several years two public playgrounds have been removed from Marstons Mills because they were outdated and hazardous. This project will replace what has been lost with updated code compliant play equipment. Many schools have playgrounds that meet the needs of 6 to 12 year olds, but there is a shortage of playground play for the ages of 2 to 6. There is abundant community interest in a playground near the center of the village, and a location at the old Marstons Mills School site has been identified. Master planning for the entire school site is being overseen by the Planning and Development Department.

Impact of Denial/Postponement: The village will continue without a play facility.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$44,000
	Construction or Acquisition	-	\$550,000
	Construction Contingency	-	\$55,000
	Project Management	-	\$33,000
	Project Contingency	-	-
	All Other Costs	-	-
	Total Project Cost	-	\$682,000.00

Basis for Cost Estimates: Engineer-assisted DPW cost estimate

Project Estimated Completion Date: Fall 2025		Design & Permit (months)	12	Construction (months)	8
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$682,000	Design & construction			
2027	TBD	Parking if required			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue. Community Preservation Funding.

Operating Budget Impact now or in future: Routine maintenance.



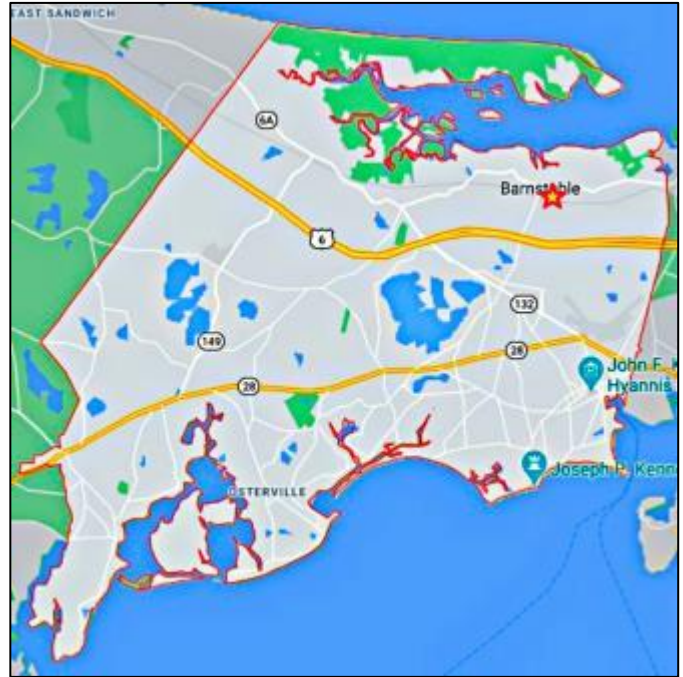
Project Working Title: U.S. Custom House - Interior Building Improvements

Project Location: 3353 Main St, Barnstable, MA 02630

Project Description: Designed by Ammi B. Young, the first architect of the U.S. Treasury Department, and erected in 1856, the building and site are in the process of phased restoration. Exterior restoration of the Custom House received the Massachusetts Historic Preservation award in 2017. This project continues the restoration of the Custom House by upgrading mechanical and plumbing systems, and provides compliant handicapped access and bathroom. This building is one of the few buildings listed in the State Building Code as a "House Museum" and has a preservation restriction held by the Massachusetts Historic Commission.

Project Justification: This property contributes significantly to the historic character of the Village of Barnstable and the Old Kings Highway Historic District. It is currently a leased property and as such mechanical system condition responsibility falls on DPW. With exterior preservation work complete on the Custom House and associated Carriage House, work on the interior of the building is now necessary. The bathroom does not meet accessibility requirements and is in need of upgrades. Handicap ramp access does not meet code and needs to be addressed. The building still operates on an old outdated steam heat system which needs to be upgraded, and the limited toilet facilities do not meet accessibility requirements. There is no air-conditioning in the building. The wood handicapped access ramp is in need of repair.

Impact of Denial/Postponement: Continued deferred repair of the interior of this facility will contribute to its deterioration, and could ultimately result in an increase in repair costs, or require the emergency replacement of existing building systems in the future while limiting the public's use of the building.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$58,991
	Construction or Acquisition	-	\$589,908
	Project Management	-	\$47,193
	Project Contingency	-	\$58,991
	All Other Cost	-	\$8,800
	Total Project Cost	-	\$763,883

Basis for Cost Estimates: Architect-assisted in-house estimate

Project Estimated Completion Date: 2026		Design & Permit (months)	6	Construction (months)	10
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2026	\$763,883	Design and Construction			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue. Exterior elements may be eligible for community preservation funding.

Operating Budget Impact now or in future: This project continues improvements on previously invested funds. Routine maintenance is anticipated to continue.

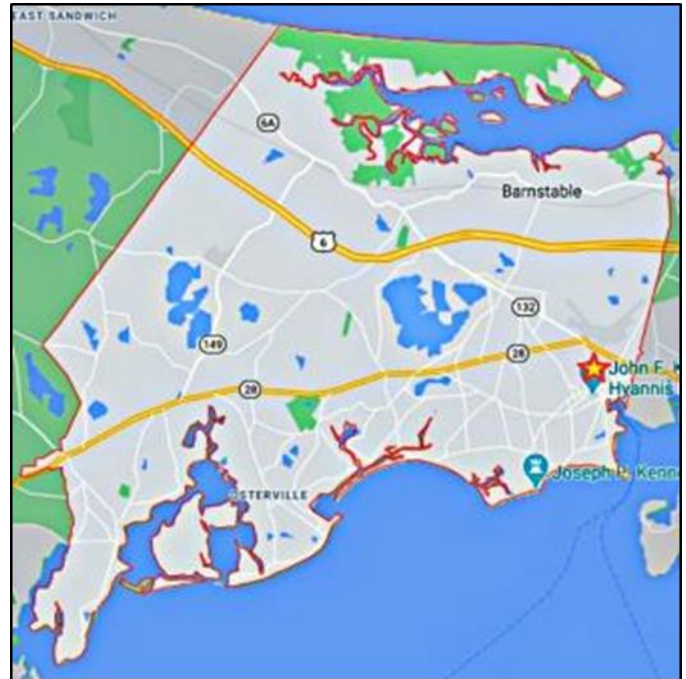


U.S. Custom House

Project Working Title: Barnstable Road Streetscape Improvements – Design & Permitting

Project Location: Barnstable Road, Hyannis

Project Description: The project will consist of the design and permitting for a streetscape reconstruction of Barnstable Road in Hyannis. This request is to cover the design of roadway improvements including stormwater, curbs/sidewalk, pedestrian/bike accommodations, landscaping, lighting, ADA and road reconstruction. It is anticipated that utility improvements, including significant water main improvements, will be designed and constructed in coordination with this effort.



Project Justification: Barnstable Road is a critical connection between the Airport Rotary and Main Street, Hyannis. The condition of Barnstable Road is deteriorating and the streetscape is tired and in need of enhancement. This area was identified in the Town’s ADA Self-Evaluation and Transition Plan as an area of major concern for ADA accessibility. The April 2007 Water Division Master Plan recommended that the 3,200 feet water main in Barnstable Road be replaced. Water Pollution Control Division (WPCD) performed an evaluation in 2019 which indicated only minor repairs are required for the sewer in Barnstable Road. Coordinating all necessary work into one construction effort will limit disturbance to citizens.

Impact of Denial/Postponement: The roadway will continue to deteriorate, the streetscape will remain unenhanced, and pedestrian accommodations will remain inadequate. Utility work will be accomplished in a piece-meal way. The water work will proceed, leaving a large trench patch in the road. Sewer work will be accomplished within the next 5 years leaving yet another trench patch. Storm drainage will not be addressed and the road will deteriorate.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$1,200,000
	Construction or Acquisition	-	\$10,000,000
	Construction Contingency	-	2,000,000
	Project Management	-	\$60,000
	Project Contingency	-	\$300,000
	All Other Costs	-	-
	Total Project Cost	-	\$13,560,000

Basis for Cost Estimates: DPW Engineering Dept.

Project Estimated Completion Date: 2027		Design & Permit (months)	24	Construction (months)	24
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$ 1,560,000	Design and Permitting			
2027	\$12,000,000	Construction			
2028	-	-			
2029	-	-			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue. Chapter 90. Potentially TIP funding for construction

Operating Budget Impact now or in future: TBD



Project Working Title: Guyer Barn Improvements

Project Location: 250 South Street, Hyannis, MA 02601

Project Description: This project implements the recommendations from the facility management study completed in October 2018 and addresses building issues discovered recently. Improvements will include Emergency lighting, Interior wall finishes, water heater replacement, exit lighting, exterior lighting, failing concrete apron, and historic window restoration.

Project Justification: The Guyer Barn is currently utilized as a year-round community art space for established and emerging artists. This space is used for visual and performing arts experiences providing support for the arts and culture program. It is the hub of the Pearl Street Arts and culture complex. This 156-year-old structure requires on-going restoration and improvements to preserve its historical significance and continued use for the arts program. Some of these items are required to meet life safety requirements.



Impact of Denial/Postponement: Life safety improvements will be deferred. Building and site elements will continue to deteriorate due to deferred improvements resulting in greater future costs.

Project Cost Estimates:		FY 2024	Future FY
	Design & Permitting	-	\$37,000
	Construction or Acquisition	-	\$238,000
	Construction Contingency	-	\$24,000
	Project Management	-	\$46,000
	Project Contingency	-	-
	All Other Costs	-	\$30,000
	Total Project Cost	-	\$375,000

Basis for Cost Estimates: EMG Facilities Condition Assessment

Project Estimated Completion Date: 2026		Design & Permit (months)	8	Construction (months)	8
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2026	\$375,000	Design and Construction			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue. It is estimated that this project may be eligible for \$265,000 in community preservation funding

Operating Budget Impact now or in future: This project continues improvement from previously funded projects, reduced routine maintenance is expected.

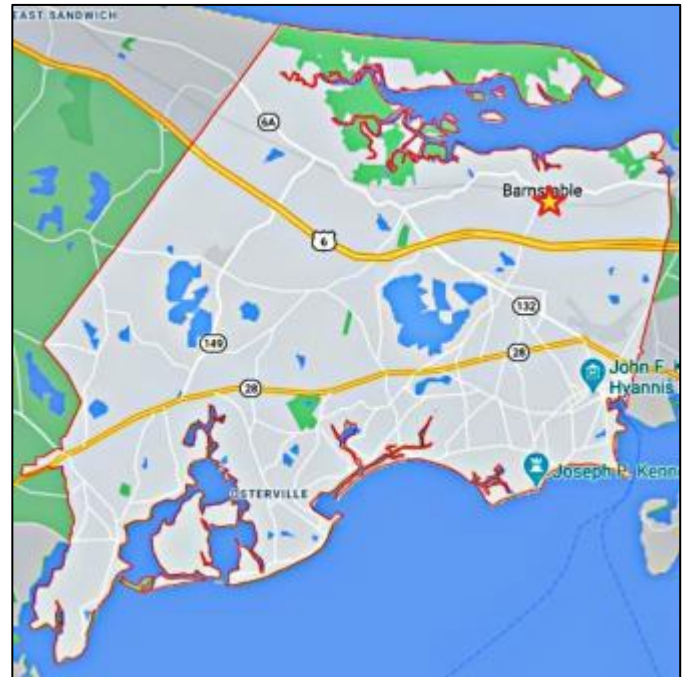


Guyer Barn

Project Working Title: U.S. Custom House Site Improvements

Project Location: 3353 Main St, Barnstable, MA 02630

Project Description: The site contains three structures, the U.C. Custom House, currently used by the US Coastguard Heritage Museum, the carriage house which contains the village blacksmith, and the Old Jail which dates back to the 1600's. The master plan includes converting the outhouse in the blacksmith's building to a gift shop for their wares. Additionally, the project continues the restoration of the property by restoring iron fencing, improving the decayed parking areas, relocating utilities, and upgrading signage. A comprehensive Class 1 survey is required to allow for a sitewide analysis of the site in guiding future planning.



Project Justification: Designed by Ammi B. Young, the first architect of the U.S. Treasury Department, and erected in 1856, the building and site are in the process of phased restoration. Exterior restoration of the Custom House received the Massachusetts Historic Preservation award in 2017. This property contributes significantly to the historic character of the Village of Barnstable and the Old Kings Highway Historic District. It is currently a leased property and as such parking conditions and site restoration responsibility falls on DPW. With exterior preservation work complete on the Custom House and associated Carriage House, work to the historic site and landscape is now necessary. The extant ADA ramp that provides access to the Custom House is aging and in dire need of replacement. Additionally, there is need of an accessible dais for outdoor public lectures and presentations for which the ramp will provide a platform. Parking on the site is in disarray and not clearly defined. Stone parking areas have deteriorated. The historic cast iron fence is corroding and missing pieces and continues to deteriorate. Given the significant historical resources found at this site, it is important for the town to develop a master plan to guide the phased work towards an ultimate goal of achieving a cohesive, thoughtful approach for maximizing the public use and benefit of this landmark location.

Impact of Denial/Postponement: Continuing to defer maintenance on this facility will contribute to its deterioration and will result in increased future repair costs.

Project Cost Estimates:	FY 2025	Future FY
	Design & Permitting	-
Construction or Acquisition	-	-
Project Management	-	\$42,072
Project Contingency	-	\$60,479
All Other Costs	-	\$30,000
Total Project Cost	-	828,054

Basis for Cost Estimates: Department of Public Works Architect In-house Estimate

Project Estimated Completion Date: 2026		Design & Permit (months)	6	Construction (months)	10
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2024	-	-			

2025	\$223,269	Site restoration/ramp design
2026	\$604,785	Site restoration/ramp construction

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue. Portions of this project are eligible for community preservation funding.

Operating Budget Impact now or in future: This project is a continuation of restoration work of the building and site



Project Working Title: Commerce Road Resiliency Improvements and Culvert Replacement Project - Construction

Project Location: Commerce Road, Barnstable Village

Project Description: This project will raise portions of Commerce Road (from approximately house #281 to approximately #383) above the flood zone elevation to increase the ability of residents to evacuate the neighborhood when flooding occurs. The project also includes the replacement of the existing, aging culvert.

Project Justification: Commerce Road, like many coastal roads/neighborhoods has experienced an increase in flooding in recent years. This has led to residents being trapped in their homes due to that flooding, and emergency services workers having to make rescues during the heights of the storms. Based on predictions concerning sea level rise, it is expected that these types of incidents will only increase with time. This proposal will provide improved egress for residents to evacuate the neighborhood during flooding events, and improved access for emergency services to reach residents during these events, but will not prevent flooding from happening within the residential areas near Maraspin Creek/Commerce Road or the associated property damage.



Impact of Denial/Postponement: Commerce Road will continue to overtop during flooding events, rendering it impassable and preventing residents from evacuating.

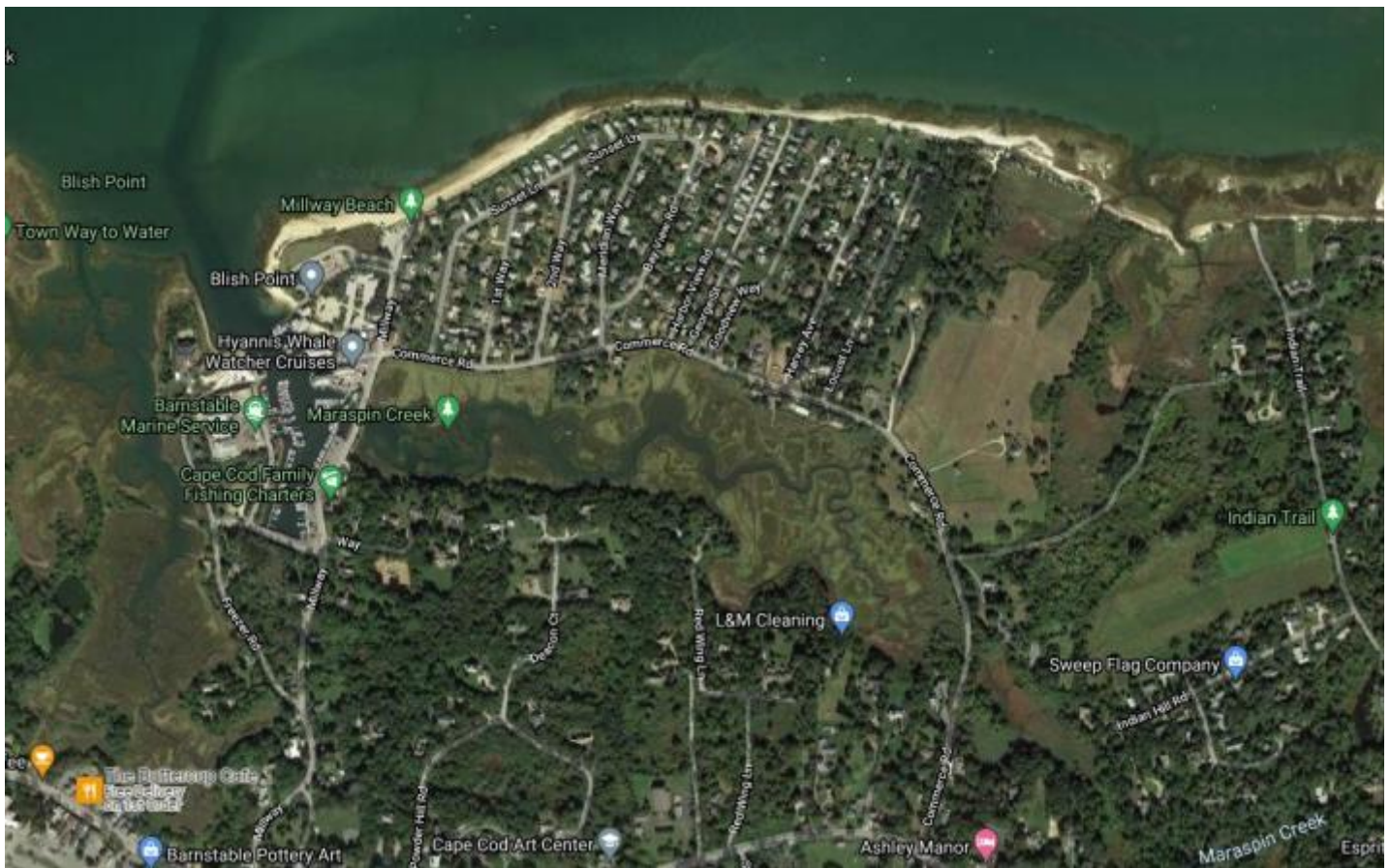
Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	-
	Construction or Acquisition	-	\$3,700,000
	Construction Contingency	-	\$550,000
	Project Management	-	\$250,000
	Project Contingency	-	\$550,000
	All Other Costs	-	\$50,000
	Total Project Cost	-	\$5,100,000

Basis for Cost Estimates: Consultant 25% cost estimate

Project Estimated Completion Date: 2027		Design & Permit (months)	12	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$5,100,000	Construction			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue. Potential grants available through NRCS, MVP and other culvert replacement grant opportunities.

Operating Budget Impact now or in future: Maintenance for new culvert and sidewalk will be through operating budget



Maraspin Creek

Project Working Title: Sidewalks on Commerce Road (George Street to Route 6A) – Construction

Project Location: Commerce Road from George Street to Route 6A.

Project Description: Installation of a new sidewalk on Commerce Road from the termination of the existing side at George Street to Route 6A.

Project Justification: Commerce Road is an attractive and frequently used pedestrian way. This project would provide a safe pedestrian connection between Route 6A and the Commerce Road residential neighborhoods as well as Barnstable Harbor, Millway Beach and the other nearby destination.

Impact of Denial/Postponement: Failure to implement this project construction will perpetuate unsafe conditions for pedestrians traveling along the road



Project Cost Estimates:		FY 2024	Future FY
	Design & Permitting	-	-
	Construction or Acquisition	-	\$900,000
	Construction Contingency	-	\$130,000
	Project Management	-	\$50,000
	Project Contingency	-	\$100,000
	All Other Costs	-	\$50,000
	Total Project Cost	-	\$1,230,000

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2027		Design & Permit (months)	12	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$1,230,000	Construction			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue, and potentially Chapter 90 funding.

Operating Budget Impact now or in future: Addition of a sidewalk will require additional associated maintenance (snow plowing, etc.).



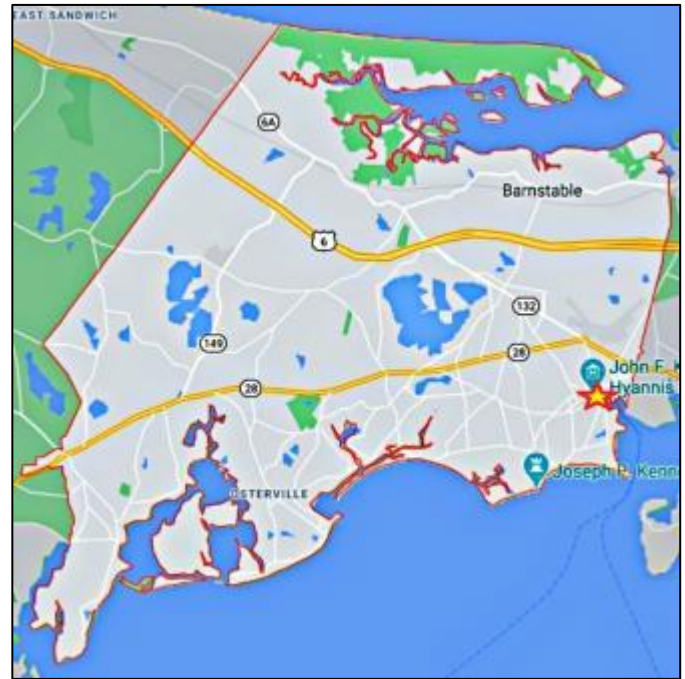
Commerce Road (George Street to Route 6A)

Project Working Title: Town Hall Parking Lot Improvements - Design

Project Location: 367 Main St, Hyannis, MA 02601

Project Description: The project will fund the design of paving, curbing, landscaping, lighting, stormwater improvements and ADA improvements to resolve issues with circulation and traffic conflicts, multiple curb cuts, optimize parking layout, and improve security.

Project Justification: Town Hall parking lot is the central parking facility for town and school offices, art and historical museum activities, and overflow parking for Main Street commerce. The pavement within the parking lot is in poor condition and is in need of repairs. The proposed project would also correct deficiencies in the current automobile traffic pattern and provide safe pedestrian access to associated connection points. Current vehicular and pedestrian traffic practices, and the interaction between the two, are dangerous and inconvenient. In addition, lighting improvements are warranted within the parking lot. The proposed alterations are designed to correct these issues.



Impact of Denial/Postponement: We will continue to have problems with pedestrian and vehicular traffic. The public will continue to endure poor lighting conditions and security issues while attending evening meetings.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$85,000
Construction or Acquisition	-	\$700,000	
Project Management	-	\$30,000	
Project Contingency	-	\$140,000	
Total Project Cost	-	\$955,000	

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2027		Design & Permit (months)	12	Construction (months)	6
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$85,000	Design and Permitting			
2026	\$870,000	Construction			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue.

Operating Budget Impact now or in future: Additional electrical cost may occur if additional site lighting is included.



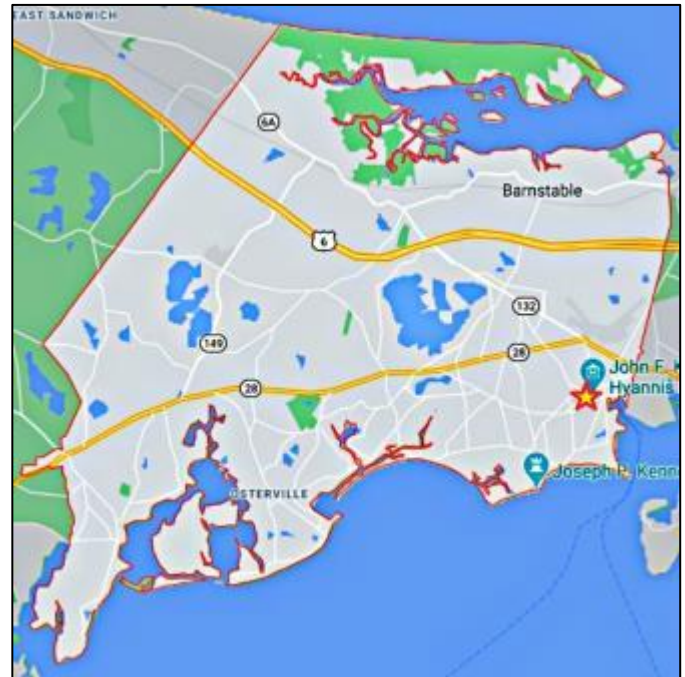
Town Hall Parking Lot

Project Working Title: Town Hall Campus Parking Garage - Design

Project Location: 367 Main St, Hyannis, MA 02601

Project Description: This project would design and construct a two story 200 parking space, parking garage. The project will consist of reconfiguration of the parking area, driveways, and access points and includes the construction of a parking structure. Additional site improvements and utility relocations are included.

Project Justification: The Town Hall Campus parking lot provides parking for the Town’s administrative offices as well as parking for local businesses on Main Street and the arts complex. During the summer months, the parking lot is at full capacity, and parking is difficult to find. Additional parking is needed. This project supports ease of access to Town offices and increased foot traffic to local businesses. This project will also support parking for renovations to the Armory and expansion of the Town office complex.



Impact of Denial/Postponement: Parking issues will not be addressed.

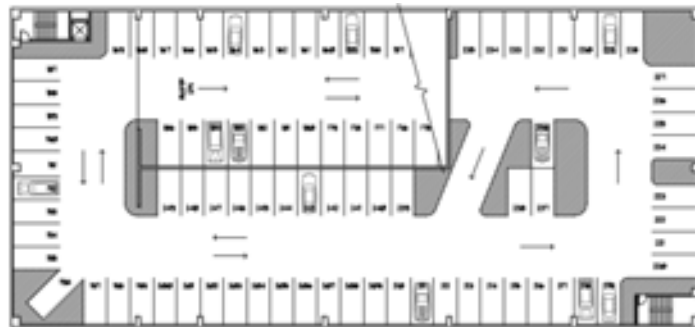
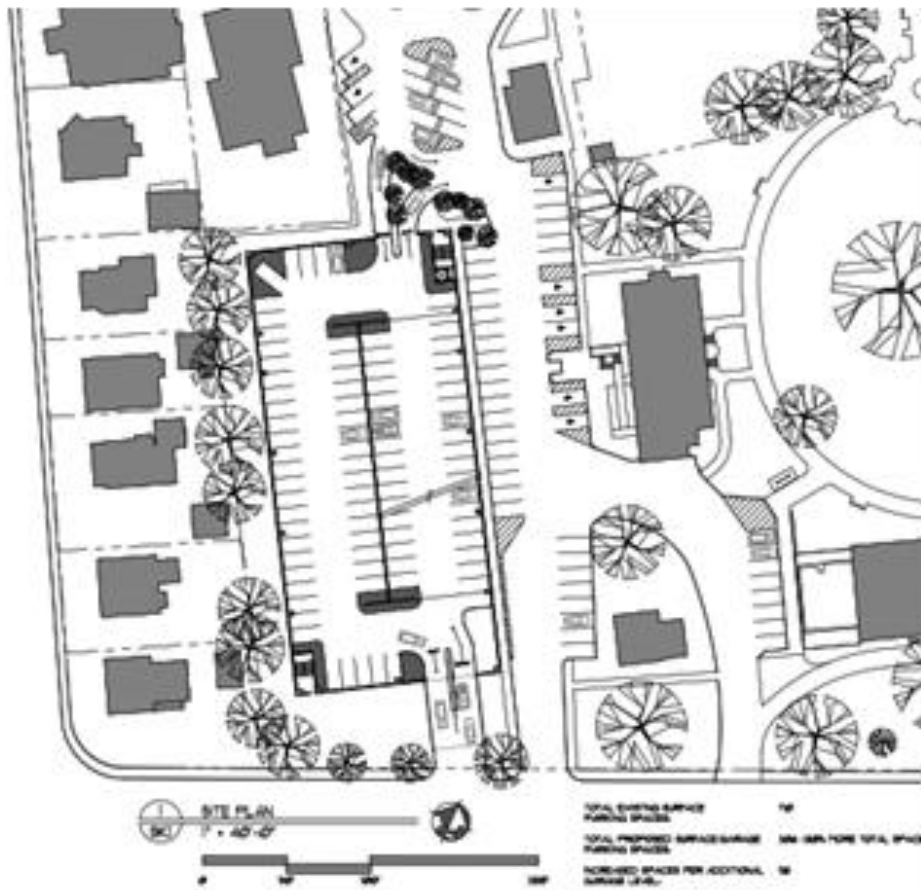
Project Cost Estimates:	FY 2025	Future FY
Design & Permitting	-	\$1,104,427
Construction or Acquisition	-	\$13,805,348
Construction Contingency	-	\$1,380,534
Project Management	-	\$207,080
Project Contingency	-	-
All Other Costs	-	\$35,000
Total Project Cost	-	\$16,532,389

Basis for Cost Estimates: In-house Estimate

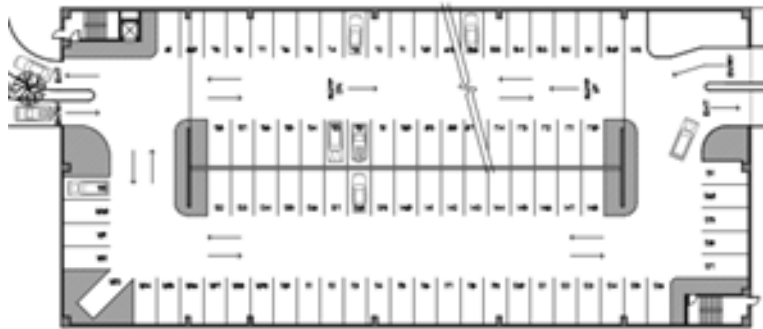
Project Estimated Completion Date: 2026		Design & Permit (months)	8	Construction (months)	16
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2026	\$1,242,967	Design and Testing			
2027	\$15,289,422	Construction			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue.

Operating Budget Impact now or in future: Additional staff would be required to monitor the parking area



4 TOP LEVEL FLOOR PLAN
7 - 30'-0"



3 GROUND LEVEL FLOOR PLAN
7 - 30'-0"

Project Working Title: Burgess Barn Improvements

Project Location: 559 Route 149, Marstons Mills

Project Description: The Burgess Barn Interior Improvement Project aims to revitalize and restore the interior of the historic Burgess Barn. Following the successful preservation of its exterior in FY14, this project seeks to transform the barn's interior into a functional, welcoming, and accessible community space with a capacity of 30 seats or standing room for 40. The proposed renovations will include interior construction, mechanical and electrical upgrades, thermal insulation, interior improvements, and the installation of a new ADA accessible restroom. Additionally, a septic system will be installed to support the building's operational needs.

Project Justification: Erected in the late 1700s, a concerted effort has been made to preserve the exterior of Burgess Barn. The FY25 renovations, partially fundable through the CPA, are the natural progression of the preservation journey, focusing on the barn's interior. The crux of these renovations lies in two critical components: ADA accessibility and the transformation of the interior into a vibrant community space.



With a versatile layout accommodating 25 to 35 seats or standing room for 40, the Burgess Barn will be used as a hub for community gatherings, meetings, and events. The Marstons Mills Village Association, which utilizes the Burgess House, envisions the barn as a pivotal venue for larger meetings and events that strengthen community bonds.

Impact of Denial/Postponement: Continued deferred renovation of this building will continue its non-use resulting in deterioration of work previously funded by the Community Preservation Board

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$56,070
	Construction or Acquisition	-	\$560,700
	Construction Contingency	-	\$56,070
	Project Management	-	\$50,000
	Project Contingency	-	-
	All Other Costs	-	\$10,000
	Total Project Cost	-	\$732,840

Basis for Cost Estimates: Department of Public Works In-house Estimate

Project Estimated Completion Date: 2024		Design & Permit (months)	6	Construction (months)	8
Cost/Description FY 2024 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2026	\$91,070	Design			
2027	\$641,770	Construction			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue. Portions of this project are eligible for Community Preservation Funding.

Operating Budget Impact now or in future: The building is maintained by the current leaseholder.



Burgess Barn

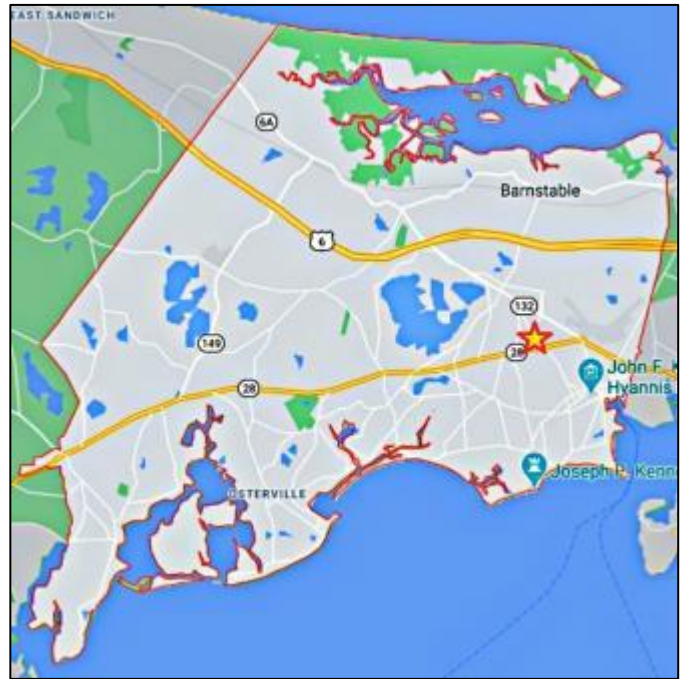
Project Working Title: DPW 382 Falmouth Rd Facility Parking Lot Repairs

Project Location: 382 Falmouth Rd, Hyannis, MA 02601

Project Description: Reclaim/regrade existing parking lot, provide new asphalt paving, and line striping and drainage improvements.

Project Justification: This parking lot is the hub of activity for employees and visitor parking at the DPW Administration and Highway facility. Working vehicles use the lot extensively and the parking lot is the hub of the Town’s Snow and Ice and severe storm operations. The parking lot has deteriorated with many cracks and irregularities. Improved stormwater management facilities are warranted. In addition, staffing increases have warranted the need to increase the number of parking spaces by either optimizing the parking space layout or expanding the parking areas.

Impact of Denial/Postponement: Failure to repair the parking lot will result in further damage to the surface from vehicle and snow removal activities. The parking lot will become difficult to use for critical functions and become a safety hazard for vehicles and pedestrians alike.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$50,000
	Construction or Acquisition	-	\$375,000
	Project Contingency	-	\$35,000
	Total Project Cost	-	\$460,000

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2026		Design & Permit (months)	6	Construction (months)	6
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2026	\$460,000	Design and Construction			

Source of Funding: Capital Trust Fund and/or Bond Issue.

Operating Budget Impact now or in future: N/A



DPW 382 Falmouth Rd Facility Parking Lot

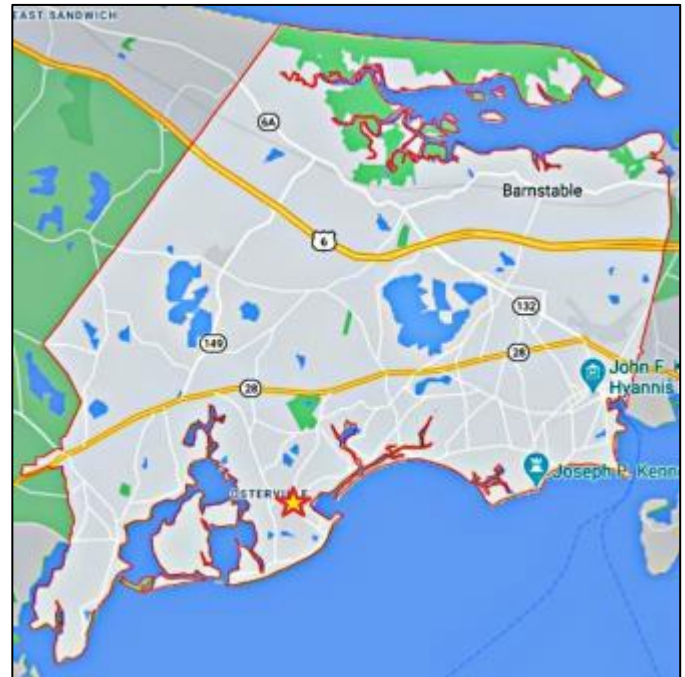
Project Working Title: East Bay Road and Wianno Avenue Sidewalks

Project Location: East Bay Road and Wianno Ave

Project Description: Installation of new sidewalks on East Bay Road from Bates Street to Wianno Avenue and on Wianno Avenue from East Bay Road to Sea View Avenue.

Project Justification: East Bay Road and Wianno Avenue in Osterville Village are heavily used by pedestrians. However, portions of these roadways do not have adequate pedestrian facilities. Residents of Osterville Village have requested that sidewalks be installed on the portions of East Bay Road and Wianno Avenue where there are currently no sidewalks. Engineering staff has reviewed this request and recommends the installation of sidewalks in order to improve pedestrian safety.

Impact of Denial/Postponement: Denial of the project will result in a lack of sidewalks for pedestrians along these routes, which will adversely affect pedestrian safety and access.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$ 120,000
	Construction or Acquisition	-	\$ 1,000,000
	Construction Contingency	-	\$ 200,000
	Project Management	-	\$6,000
	Project Contingency	-	\$30,000
	All Other Costs	-	-
	Total Project Cost	-	\$1,356,000

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2026		Design & Permit (months)	12	Construction (months)	18
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2027	\$156,000	Design & Permitting			
2028	\$1,200,000	Construction & Acquisition			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue. Potential Chapter 90 funding.

Operating Budget Impact now or in future: Maintenance will be increased due to increase length of sidewalk (i.e. plowing)

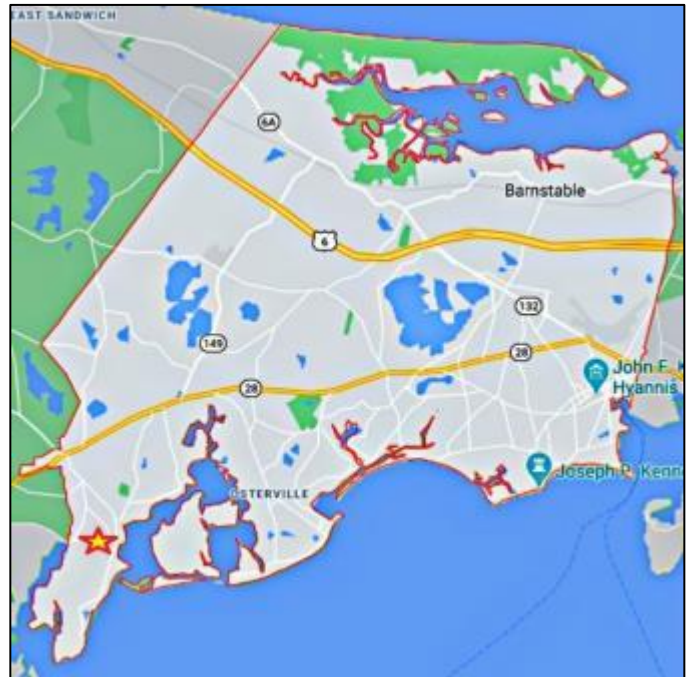


East Bay Road

Project Working Title: Cotuit Playground Project

Project Location: Main Street, Cotuit

Project Description: This project will fund the design and installation of a new playground at the recreation site of the former Cotuit Elementary School. The playground will be designed to accommodate two age groups, 2–5 year old and 6-12 year old, and will be designed as a neighborhood playground. The layout and selection of equipment will be coordinated with local Community Groups, the Community Services Department, Planning and Development Department, and other interested parties. The playground equipment will be handicapped accessible and will include wood fiber surfacing, poured-in-place access surfacing, partial wood and chain link fencing, shade structure and seating.



Project Justification: For several years the citizens of Cotuit have expressed a desire for a public playground in their village. This project will build a new public playground with code compliant play equipment. Many schools have playgrounds that meet the needs of 6 to 12 year olds, but there is a shortage of playground play for the ages of 2 to 6. There is abundant community interest in a playground near the center of the village, and a location at the Cotuit Memorial Park has been identified.

Impact of Denial/Postponement: The village will continue without a play facility.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$75,000
Construction or Acquisition	-	\$938,000	
Construction Contingency	-	\$94,000	
Project Management	-	\$46,000	
Project Contingency	-	-	
All Other Costs	-	-	
Total Project Cost	-	\$1,153,000	

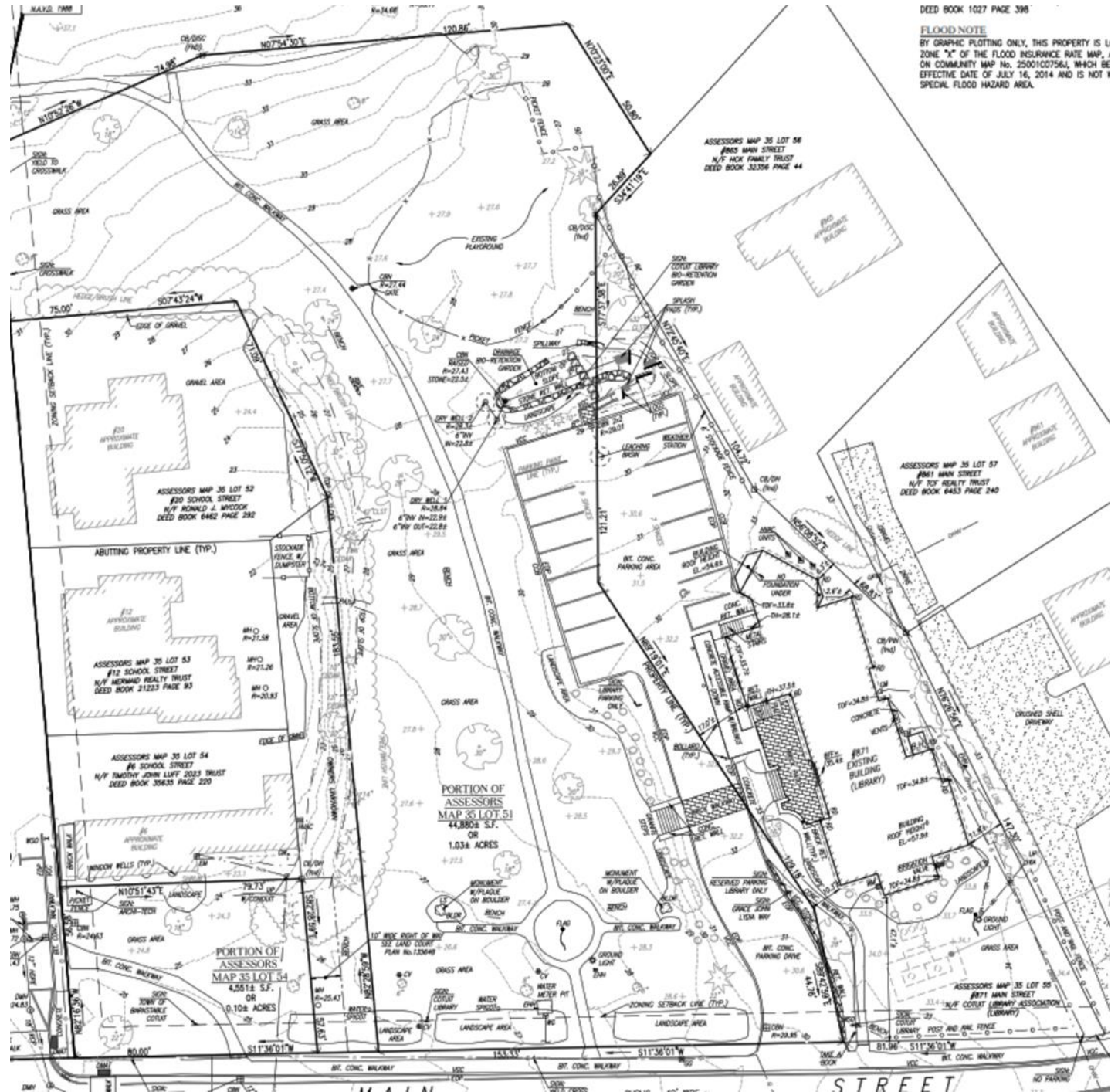
Basis for Cost Estimates: In-house Estimate

Project Estimated Completion Date: 2025		Design & Permit (months)	12	Construction (months)	8
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	-	-			
2027	\$1,153,000	Design & Construction			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue. Portions of this project are eligible for Community Preservation Funding.

Operating Budget Impact now or in future: N/A

FLOOD NOTE
BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS IN ZONE "X" OF THE FLOOD INSURANCE RATE MAP, OR COMMUNITY MAP No. 25001007561, WHICH BE EFFECTIVE DATE OF JULY 16, 2014 AND IS NOT A SPECIAL FLOOD HAZARD AREA.

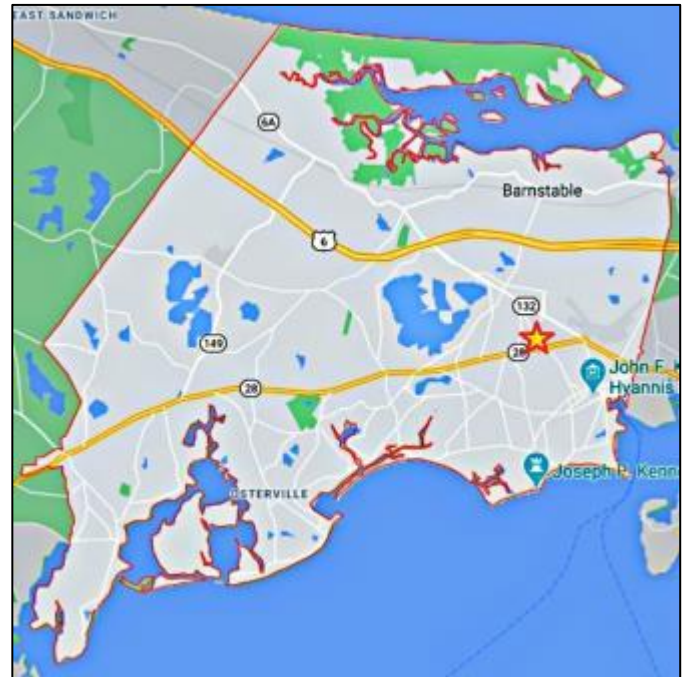


Project Working Title: Structures And Grounds Parking Lot Expansion

Project Location: 800 Pitcher’s Way, Hyannis

Project Description: Reclaim/regrade existing parking lot, provide new asphalt paving, and line striping and drainage improvements.

Project Justification: The Structures and Grounds Parking Lot Expansion Project aims to address a critical parking shortage at the Structures and Grounds Division facility. This division currently houses administrative offices, workshops for carpentry, mechanical, electrical, plumbing, grounds technical crews, as well as architectural and project management personnel. Several years ago, the grounds crew was relocated from the Mosswood Cemetery to the Structures and Grounds facility, which was already limited in terms of parking space. The increased number of vehicles has led to a pressing need for a parking expansion. This project will involve land reallocation from the water pollution control facility to create additional parking space, thereby enhancing the functionality and efficiency of the Structures and Grounds Division.



Impact of Denial/Postponement: There will continue to be insufficient parking at the site. Parking disputes will continue.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$60,000
Construction or Acquisition	-	\$620,000	
Construction Contingency	-	\$62,000	
Project Management	-	\$45,000	
Project Contingency	-	-	
All Other Costs	-	-	
Total Project Cost	-	\$787,000	

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2027		Design & Permit (months)	12	Construction (months)	6
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2027	\$787,000	Design and Construction			

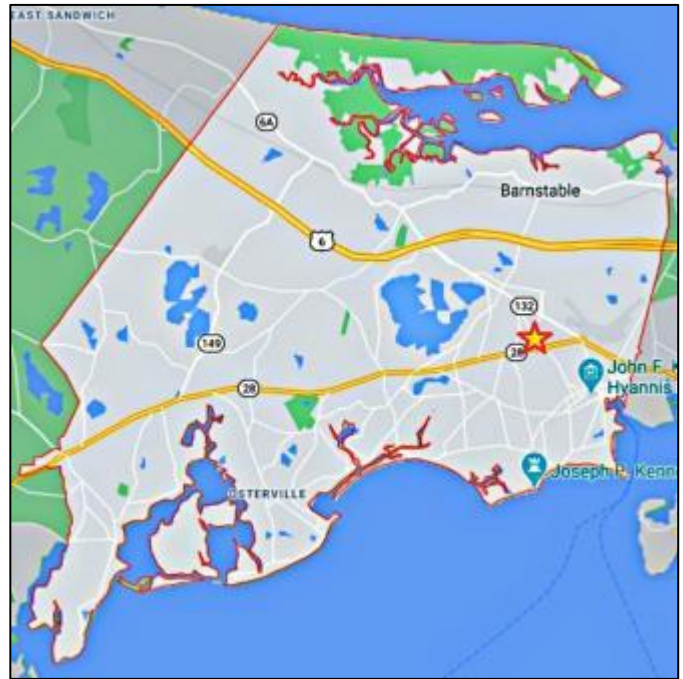
Source of Funding: Capital Trust Fund and/or Bond Issue.

Operating Budget Impact now or in future: N/A

Project Working Title: Admin Building Improvement DPW Offices Expansion – Construction

Project Location: 382 Falmouth Road, Hyannis

Project Description: The Department of Public Works (DPW) is embarking on the second phase of a two-phase project aimed at expanding and reorganizing its administrative offices to meet the growing demands of the department. This project will focus on the conversion of existing garage space within the DPW Administration Building to accommodate various essential functions, including administrative offices, restroom facilities, locker rooms, a lunchroom, and enhanced snow and ice operations capabilities.



Phase 1 expansion was funded in FY24 and is currently under construction. Phase 1 work will provide a common space for 16 workstations which will house engineers for the Comprehensive Wastewater Management Plan. This project falls short of the 25 engineering stations needed for the CWMP.

Phase 2 expansion work (FY25 funding) will encompass the following needed components:

- Expand additional built spaces within the existing building garage area.
- Convert the phase 1 space into administrative and Highway Division managerial offices which will house updated snow and ice operations.
- Convert the existing highway and lunchroom spaces into workstations.
- Develop new employee locker rooms and restrooms to replace lost facilities when the deteriorated temporary trailers were demolished and accommodate expanding staff.
- Reorganize the existing office layouts to create additional workstations.
- Update life safety and fire alarm systems throughout the building
- Install a fire suppression system throughout the building

Project Justification: The DPW Administrative Office Expansion Project - Phase II is driven by multiple factors including expanding CWMP staff and a growing female staff that requires appropriate bathroom and locker facilities. The DPW Administrative Office Expansion Project - Phase II represents a critical step in meeting the evolving needs of the Department of Public Works. By expanding and reorganizing the administrative offices, locker rooms, and snow and ice operations facilities, this project will contribute to the department's ability to efficiently serve the town while ensuring the safety and well-being of its staff..

Impact of Denial/Postponement: The DPW feasibility study has shown that greater efficiency will be realized through consolidation of the Administrative and Highway offices at this site. Once the work is completed, the remaining staff trailer will then be demolished. Decreased operational and utility costs will be realized by elimination of the last trailer with the renovation.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	-
	Construction or Acquisition	\$1,700,000	-

	Construction Contingency	-	-
	Project Management	\$50,000	-
	Project Contingency	\$170,000	-
	All Other Costs	\$50,000	-
	Total Project Cost	\$1,970,000	-

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2025		Design & Permit (months)	8	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2027	\$1,970,000	Construction Phase II Expansion			

Source of Funding: Capital Trust Fund and/or Bond Issue.

Operating Budget Impact now or in future: N/A



Project Working Title: Old Town Hall Basement Storage

Project Location: 397 Main St, Hyannis, MA 02601

Project Description: Conversion of the existing basement area into a temperature and humidity controlled space. Moisture controlling coatings will be installed on masonry walls and floors. Mechanical systems will be updated to manage moisture and temperature. Fire alarm and suppression systems will be updated. Lighting and controls will be added. Hazardous materials will be removed.

Project Justification: Storage needs for town departments are continually increasing. There is a lack of moisture and temperature-controlled storage space town. The basement in the Old Town Hall is underutilized with hazardous materials exposed and in need of remediation. This project upgrades building systems in need of replacement and creates 2,200 square feet of much needed secure and conditioned storage space.



Impact of Denial/Postponement: The basement in the Old Town Hall is underutilized with hazardous materials exposed and in need of remediation.

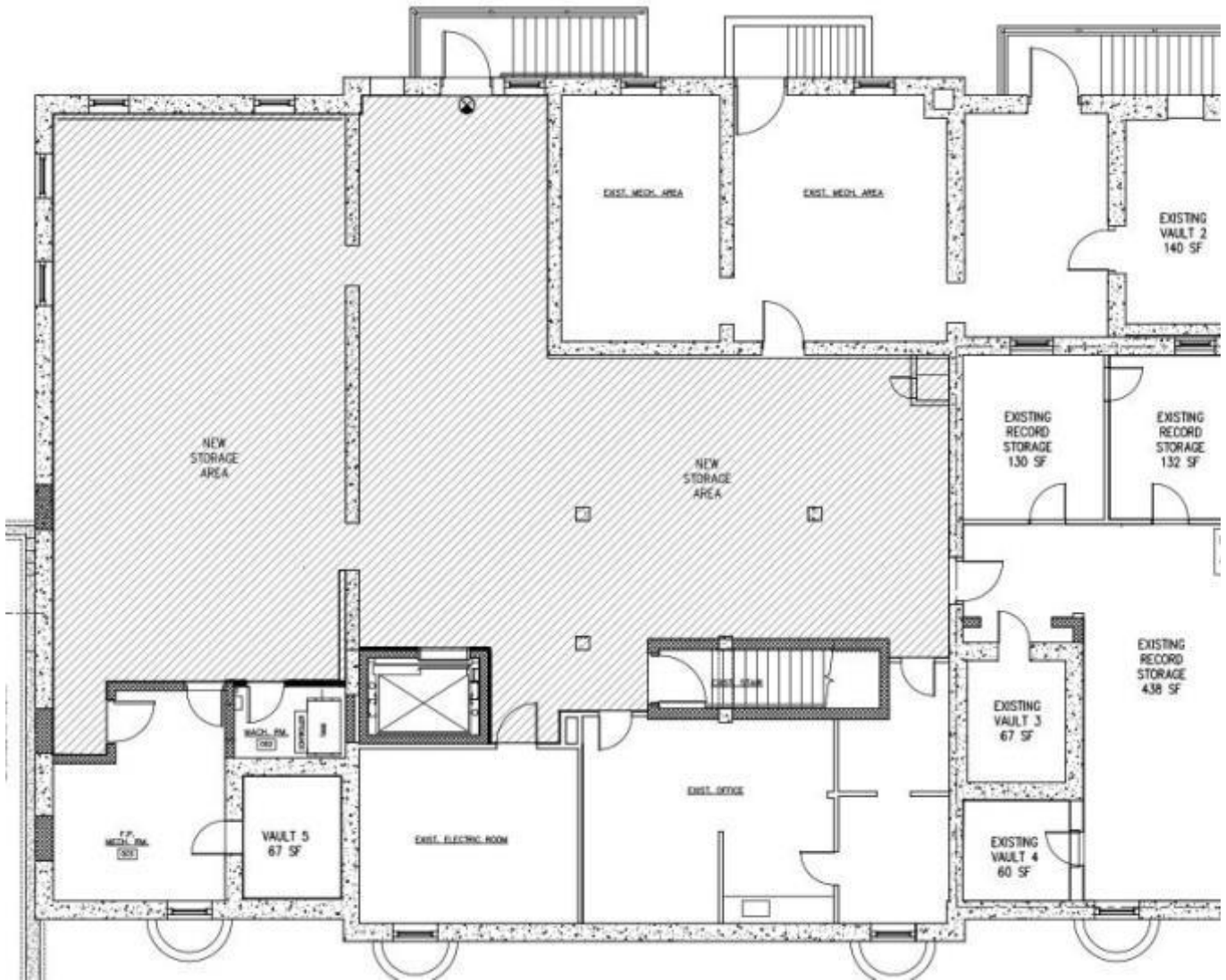
Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$45,188
	Construction or Acquisition	-	\$451,882
	Construction Contingency	-	\$45,188
	Project Management	-	\$35,000
	Project Contingency	-	-
	All Other Costs	-	\$57,300
	Total Project Cost	-	\$634,558

Basis for Cost Estimates: Department of Public Works In-house Estimate

Project Estimated Completion Date: 2028		Design & Permit (months)	8	Construction (months)	8
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2028	\$634,558	Design and construction			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue.

Operating Budget Impact now or in future: Mechanical upgrades will replace some worn equipment that would need maintenance.



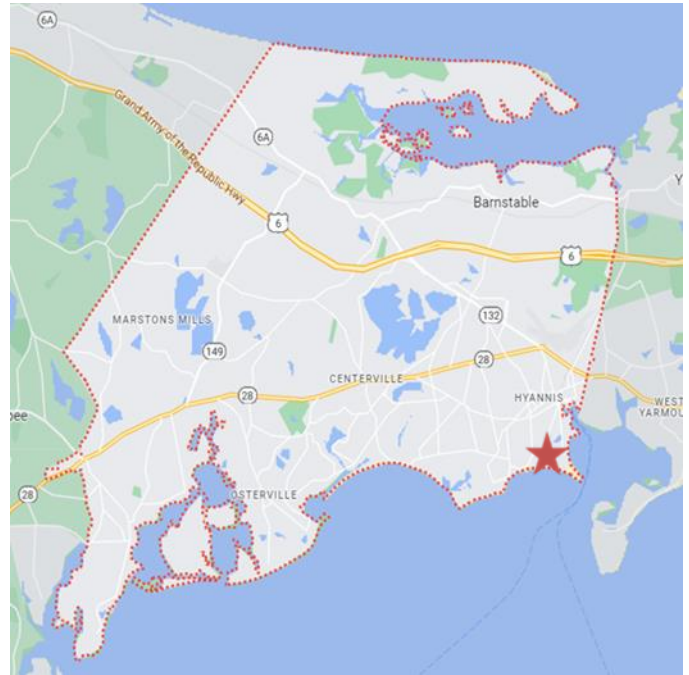
Old Town Hall Basement

Project Working Title: Stewarts Creek Restoration Study

Project Location: Stewarts Creek, Hyannis

Project Description: : A study to evaluate if increased tidal flushing within the creek, coves, and stream channels provides significant ecological benefit to the ecosystem and if the increased flushing also increases flood risk within Stewarts Creek.

Project Justification: This is a study to evaluate if tidal flushing can be improved within Stewarts Creek to promote additional restoration within Stewarts Creek while not significantly increasing flooding of properties around the creek. An evaluation of the existing and proposed tidal elevations and watershed hydrology into the creek will inform anticipated changes such as conversion of Phragmites to salt marsh, open water area at high and low tide, water quality benefits, and flood risk to adjacent properties. An analysis of sediment depth and characteristics will be completed to quantify any changes to stormwater and storm surge capacity that may result from further restoration.



Impact of Denial/Postponement: Denial or postponement of this project would result in the conditions of Stewarts Creek to remain the same.

Project Cost Estimates:		FY 2025	Future FY
	Evaluation / Study	\$250,000	-
	Design and Permitting	-	\$ 250,000
	Construction	-	\$3,000,000
	Total Project Cost	\$250,000	\$3,250,000

Basis for Cost Estimates: Department of Public Works Engineering

Project Estimated Completion Date: 2026		Design & Permit (months)	TBD	Construction (months)	TBD
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	\$ 250,000	Study & Evaluation			
2026	-	-			
2027	\$ 250,000	Design and Permitting			
2028	\$ 3,000,000	Construction			
2029	-	-			

Source of Funding: Capital Trust Fund and/or Bond Issue.

Operating Budget Impact now or in future: TBD



Upstream trash rack near high tide – Photo taken March 2023



Upstream trash rack near low tide – Photo taken May 2023



Tide gate near high tide – Photo taken March 2023



Tide gate near low tide – Photo taken April 2021



Stewarts Creek near high tide – Photo taken March 2023



Stewarts Creek near low tide - Photo taken April 2021

School Department Projects

PROJECT: SCH-25

DEPARTMENT PRIORITY: 16 of 116

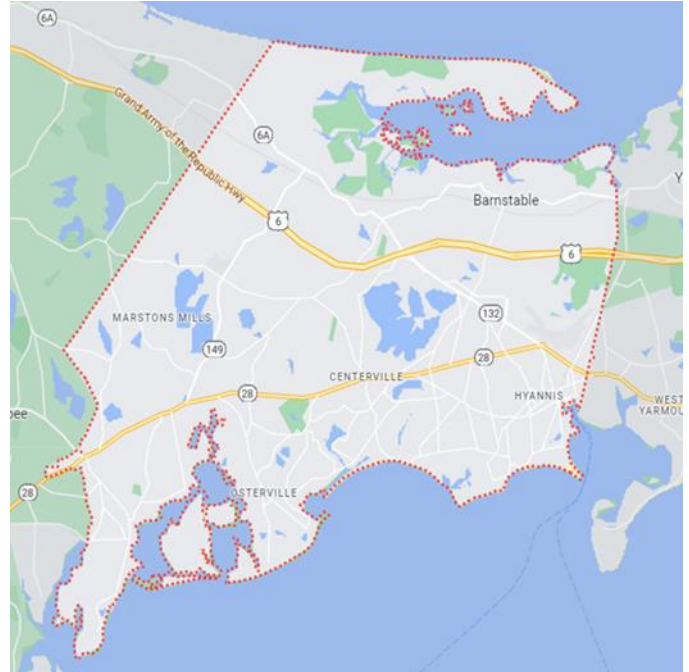
Project Working Title: Accessibility Upgrades

Project Location: All BPS Schools

Project Description: This project will target accessibility deficiencies throughout BPS Public Schools. This will range from ADA compliance ramps, code compliance walkways and toilet rooms. There are several wheel chair lifts that are needed throughout the district to ensure accessibility. The final aspect of this project will be appropriate ADA and IDEA signage.

Project Justification: There are many reasons why it is important to address accessibility throughout Barnstable public schools.

- Accessibility is a legal requirement. The Americans with Disabilities Act (ADA) and the Individuals with Disabilities Education Act (IDEA) both require schools to provide accommodations and modifications to students with disabilities so that they can have equal access to education.
- Accessibility is essential for equity and inclusion. All students, regardless of their abilities, deserve the opportunity to learn and thrive in school. By addressing accessibility, Barnstable public schools can create a more inclusive and equitable environment for all students.
- Accessibility benefits all students. Universal design features, such as ramps and accessible restrooms, benefit all students, including those with disabilities, those with temporary injuries, and those with young children. By taking these steps, Barnstable public schools can create a more inclusive and equitable learning environment for all students.



Impact of Denial/Postponement: BPS will continue to lack proper equitable access to all.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$100,000
Construction or Acquisition	-	\$1,059,600	
Project Management	-	-	
Project Contingency	-	-	
Total Project Cost	-	\$1,159,600	

Basis for Cost Estimates: 3rd Party Estimating Via our Facilities Condition Assessment.

Project Estimated Completion Date: 2027		Design & Permit (months)	6-12	Construction (months)	12-24
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$1,159,000	Design/Construction			
2027	-	-			

2028	-	-
2029	-	-

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue

Operating Budget Impact now or in future: N/A

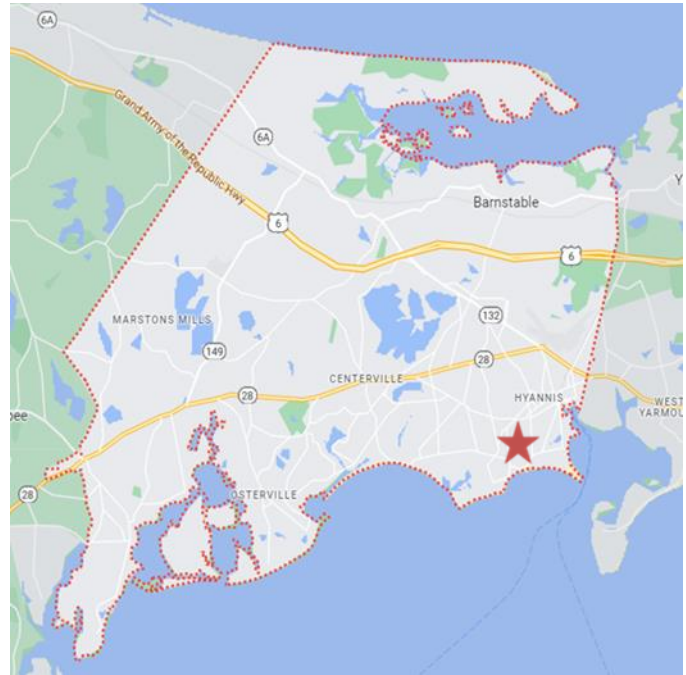
Project Working Title: Closed Walkway to Hyannis West

Project Location: Hyannis West Elementary School / Enoch Cobb Early Learning Center

Project Description: The goal of this project is to create a sheltered walkway between the two schools. There is currently a covered walkway that has chain link fencing for security walls. This puts our staff and students out into the elements when traveling between schools. The new shelter walkway will be completely enclosed. This will provide more security for staff and students as well as comfort.

Project Justification: Justification for enclosing the covered walkway connecting Hyannis West Elementary School and Enoch Cobb Early Learning Center:

- Student safety: The enclosed walkway would provide a safe and secure passage for students between the two schools, protecting them from the elements and from potential traffic hazards.
- Improved access: The enclosed walkway would make it easier for students and staff to travel between the two schools, especially during inclement weather.
- Increased comfort: The enclosed walkway would provide a more comfortable and inviting environment for students and staff to travel between the two schools. This would be especially beneficial during the hot summer months and the cold winter months.



Impact of Denial/Postponement: Potential security and safety risk to students and staff.

Project Cost Estimates:		FY 2025	Future FY
	Design	-	-
	Construction or Acquisition	-	\$195,000
	Total Project Cost	-	\$195,000

Basis for Cost Estimates: Budgetary costs based on previous projects and vendor estimates.

Project Estimated Completion Date: 2026		Design & Permit (months)	3	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$195,000	Design & Construction			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue

Operating Budget Impact now or in future: N/A

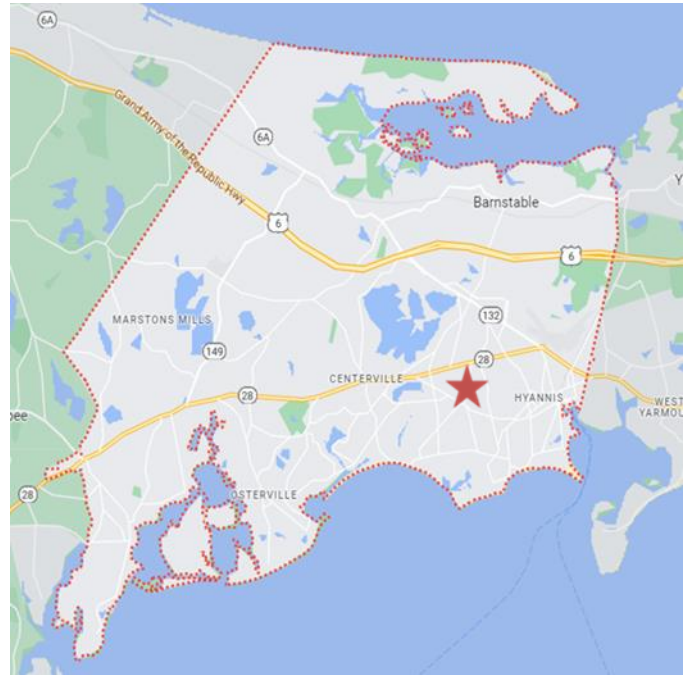
Project Working Title: BHS/BIS RTU Replacement Project Phase 5

Project Location: Barnstable High School / Barnstable Intermediate School

Project Description: The goal of this project is to replace the existing Roof Top Units (RTU) on both BHS and BIS. This will be phase 5 of an estimated 7. This phase will focus on finalizing the Barnstable Intermediate School. The

Project Justification: The existing units are greater than 20 years old, the air conditioning compressors have failed and replacement parts are becoming increasingly harder to find. This leaved sections of the building without ample cooling. Additionally, the chassis, frame, and cabinet components of the units are deteriorating allowing infiltration into the unit causing eventual leaks within the building. The existing units are inefficient and will be replaced by energy efficient units that are equipped with a energy recover wheel.

Impact of Denial/Postponement: The current conditions will continue leaving BIS without ample cooling and uneven heating.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$400,000
	Construction or Acquisition	-	\$5,025,000
	Construction Contingency	-	-
	Project Management	-	\$125,000
	Project Contingency	-	\$950,000
	All Other Costs	-	-
	Total Project Cost	-	\$6,500,000

Basis for Cost Estimates: In-house Estimate

Project Estimated Completion Date: 2026		Design & Permit (months)	9	Construction (months)	18
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2026	\$3,000,000	BIS RTU Replacement			
2027	\$2,000,000	BHS RTU Replacement Field House, Gym, 1400's			
2028	\$1,500,000	BHS RTU Replacement 1200's, 2200s, and 2700's			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue

Operating Budget Impact now or in future: Can expect a minimum of 10% energy savings attributed to motor, variable frequency drives (VFD's) and control upgrades, and a minimum annual maintenance savings cost of \$10,000. We will apply for any applicable utility rebates and incentives.



Project Working Title: Gym / Field House Windows Replacement

Project Location: Barnstable High School

Project Description: Work shall include the replacement of the existing glass block windows and retaining angles with a translucent insulated wall panel system in the main gym. The Field house existing translucent insulated wall panel system will be replaced as well.

Project Justification: There are several reasons why it is justified to replace the Kalwall window system in the Barnstable High School field house and the glass block window system with Kalwall translucent panels.

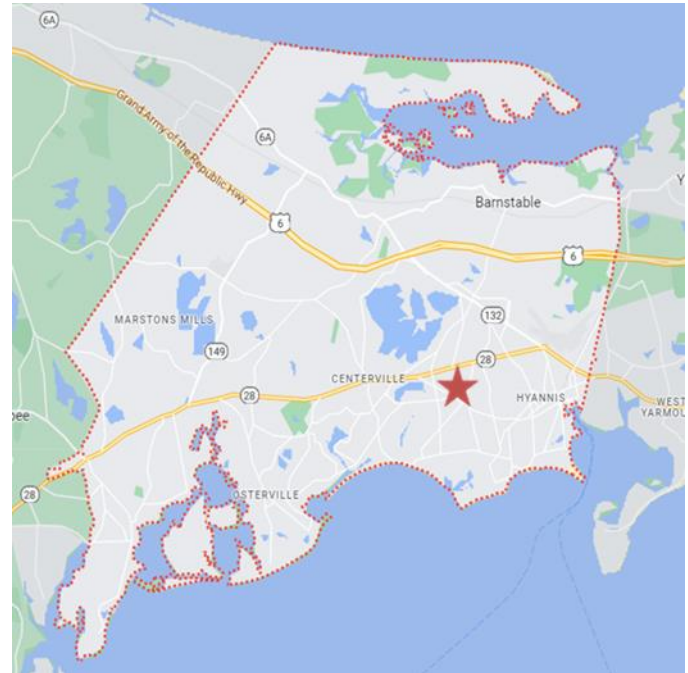
- **Waterproofing:** Kalwall translucent panels are known for their excellent waterproofing properties. They are designed to withstand even the most extreme weather conditions, including high winds, heavy rain, and snow. This is especially important for the Barnstable High School field house and gym, which is a large, open space that is susceptible to water damage.

- **Energy efficiency:** Kalwall translucent panels are very energy efficient. They have excellent insulation properties, which can help to reduce heating and cooling costs. This is important for both the field house and the school district as a whole.

- **Natural light:** Kalwall translucent panels allow natural light to enter the field house, which can create a more inviting and comfortable environment for students and athletes. Natural light has also been shown to have a number of health benefits, including improved mood, increased energy levels, and better sleep quality.

- **Aesthetics:** Kalwall translucent panels can be used to create a variety of architectural designs, including skylights, curtain walls, and facades. They can also be used to create custom signage and other decorative elements. This can help to improve the overall appearance of the Barnstable High School field house.

Both window systems have experienced holes causing the windows to leak. The existing glass block window system in the gym has begun to break. Water can enter and freeze causing pieces of this wall system to dislodge and potentially fall.



Impact of Denial/Postponement: Continued water infiltration during heavy rain events and further deterioration of the existing window systems.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$40,000
	Construction or Acquisition	-	\$442,800
	Construction Contingency	-	-
	Project Management	-	-
	Project Contingency	-	\$55,000
	All Other Costs	-	-
	Total Project Cost	-	\$537,800

Basis for Cost Estimates: 3rd Party Estimating Via BPS Facilities Condition Assessment.

Project Estimated Completion Date: FY 2025	Design & Permit (months)	6	Construction (months)	18
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Cost/Description FY 2025 and Follow-On Years:

Fiscal Year	Cost	Project Description/Components
2025	-	-
2026	\$537,800	Gym/Field House Windows
2027	-	-

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue

Operating Budget Impact now or in future: N/A





PROJECT: SCH-25

DEPARTMENT PRIORITY: 20 of 116

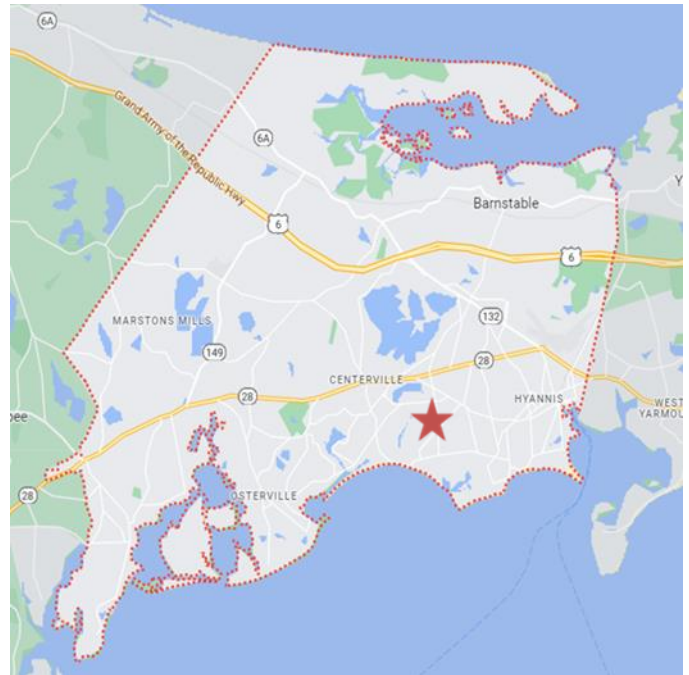
Project Working Title: Roof Replacement (Membrane and Shingle)

Project Location: Centerville Elementary School

Project Description: This project will replace the asphalt shingle roof as well as the Membrane roof at Centerville Elementary School.

Project Justification: This roof is > 25 years old and is nearing the end of life. Both the shingle and membrane roof have and will continue to need patching due age. Here are some specific examples of the damage that can be caused by a leaking roof:

- Mold and mildew growth: Mold and mildew can cause respiratory problems, allergies, and other health problems. They can also damage the interior of the school building.
- Electrical hazards: Leaks can cause electrical shorts, which can lead to fires.
- Water damage: Leaks can damage ceilings, walls, floors, and other furnishings. This can be costly to repair and can disrupt educational activities.
- Structural damage: Leaks can damage the structural integrity of the building, which can be dangerous and expensive to repair.



Impact of Denial/Postponement: Continues maintenance and repairs will be needed to minimize leaks into the building.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$100,000

	Construction or Acquisition	-	\$1,016,400
	Construction Contingency	-	\$100,000
	Project Management	-	-
	Project Contingency	-	\$140,000
	All Other Costs	-	-
	Total Project Cost	-	\$1,401,400

Basis for Cost Estimates: 3rd Party Estimating Via BPS Facilities Condition Assessment.

Project Estimated Completion Date: 2027		Design & Permit (months)	6	Construction (months)	18
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$1,401,400	Roof Replacement (Membrane and Shingle)			
2027	-	-			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue

Operating Budget Impact now or in future: N/A





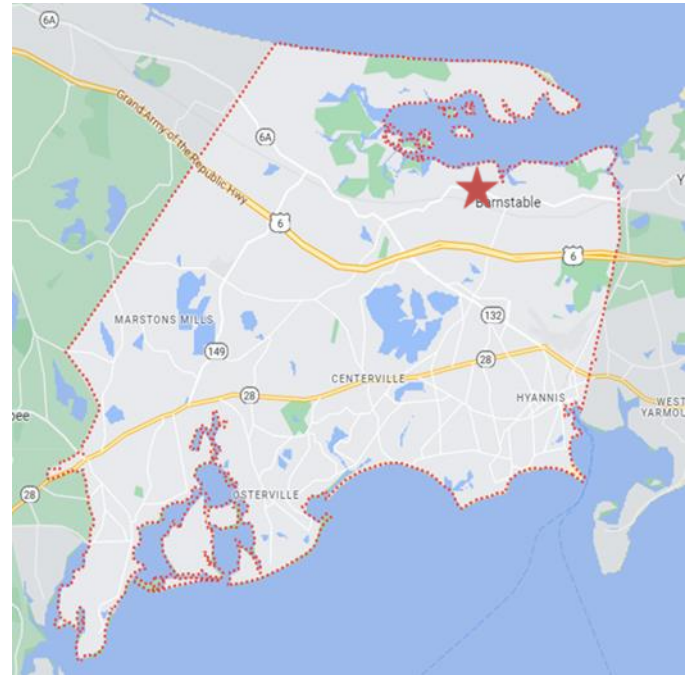
Project Working Title: Gym Floor Replacement

Project Location: Barnstable West Barnstable

Project Description: This project included removing and replacing the existing hardwood gym floor. This would include painting lines.

Project Justification: The existing floor is buckling causing tripping hazards. There is excessive wear in multiple locations on this floor. Prior repairs have resolved the problem temporarily however the buckling continues. There are several reasons to justify replacing an existing, original to the building, and greater than 60-year-old gym floor:

- **Safety:** A worn-out gym floor can be a safety hazard for athletes and students. Over time, wood floors can develop cracks, splinters, and unevenness. These can lead to slips, trips, and falls. A new gym floor would be safer and more durable.
 - **Appearance:** A new gym floor would improve the appearance of the gym. A worn-out floor can be unsightly and make the gym look dated. A new floor would make the gym look brighter and more inviting.
 - **Maintenance:** A new gym floor would be easier to maintain than an old floor. Old wood floors often require frequent sanding and refinishing. A new floor would be more durable and require less maintenance.
- This would improve safety, performance, appearance, maintenance, and cost-effectiveness. It would also improve the overall morale of the school community.



Impact of Denial/Postponement: The buckling will continue to worsen create more of a tripping hazard.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	-
	Construction or Acquisition	-	\$60,000
	Construction Contingency	-	-
	Project Management	-	-
	Project Contingency	-	\$10,000
	All Other Costs	-	-
	Total Project Cost	-	\$70,000

Basis for Cost Estimates: 3rd Party Estimating Via BPS Facilities Condition Assessment.

Project Estimated Completion Date: 2026		Design & Permit (months)	6	Construction (months)	12
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$70,000	Gym Floor Replacement			
2027	-	-			

Source of Funding: Capital Trust Fund Reserves

Operating Budget Impact now or in future: N/A



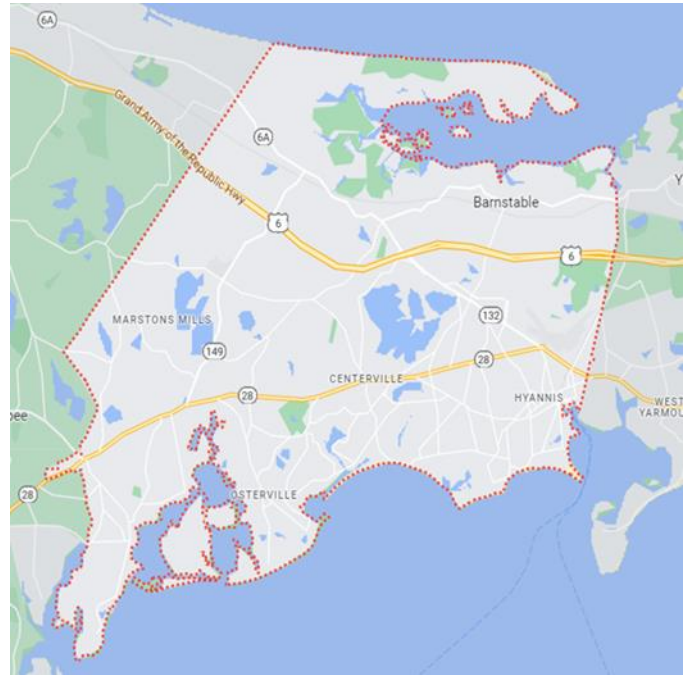
Project Working Title: Kitchen Hood / Make-up Air Units Replacement

Project Location: Barnstable United Elementary School

Project Description: This projects goal is to replace the existing kitchen exhaust hood and make-up air units. These units provide the proper ventilation for the Barnstable United Kitchen that has gas appliances.

Project Justification: There are several reasons to replace the Kitchen hood and Make-up Air units at Barnstable United Elementary School.

- The existing hood continues to becoming increasingly more difficult to maintain, with replacement parts becoming harder to find.
- The heat exchanger in the existing make-up air unit has cracked and therefore leaves no option to heat the make-up air being supplied to the space. This leaves the kitchen with inadequate ventilation.



Impact of Denial/Postponement: These units are required by code to supply the proper ventilation in a kitchen.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$5,000
	Construction or Acquisition	-	\$60,000
	Construction Contingency	-	-
	Project Management	-	-
	Project Contingency	-	-
	All Other Costs	-	-
	Total Project Cost	-	\$65,000

Basis for Cost Estimates: 3rd Party Estimating Via BPS Facilities Condition Assessment.

Project Estimated Completion Date: 2027		Design & Permit (months)	6	Construction (months)	18
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$65,000	Kitchen Hood / Make-Up Air Units Replacement			
2027	-	-			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue

Operating Budget Impact now or in future: N/A



Project Working Title: Library Carpet Remove and Replace

Project Location: Barnstable Intermediate School

Project Description: The goal of this project will be to remove the existing carpet in both BIS and BUE libraries. These carpets will be replaced with a resilient flooring that is low maintenance.

Project Justification: The existing carpet at both schools is stained, torn, and peeling in many locations. These carpets need to be commercially cleaned every year costing thousands of dollars in maintenance. The following reasons are why it is necessary to replace the library carpet at Barnstable Intermediate School with low-maintenance resilient flooring:

- **Hygiene:** Carpets can harbor dust mites, allergens, and other pollutants, which can be harmful to students with allergies and asthma. Resilient flooring is easier to clean and disinfect, making it a more hygienic choice for libraries.
- **Durability:** Carpets wear down quickly, especially in high-traffic areas like libraries. Resilient flooring is more durable and can withstand heavy foot traffic without showing signs of wear and tear.
- **Maintenance:** Carpets require regular vacuuming and cleaning to maintain their appearance and hygiene. Resilient flooring is much easier to maintain, requiring only occasional sweeping and mopping.
- **Cost savings:** Resilient flooring has a longer lifespan than carpet, so it will save the school money in the long run.

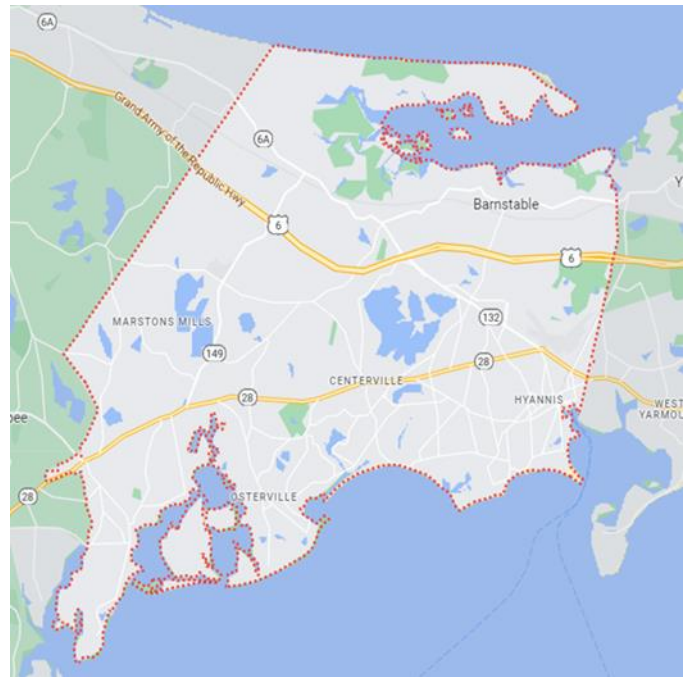
In addition to these practical benefits, low-maintenance resilient flooring can also improve the appearance of the library. A well-chosen flooring material can create a bright and inviting space that is conducive to learning.

Some specific examples of resilient flooring materials that would be well-suited for a school library:

- **Vinyl plank flooring:** Vinyl plank flooring is a durable and affordable option that is available in a wide variety of colors and styles. It is also easy to clean and maintain.
- **Rubber flooring:** Rubber flooring is another durable and easy-to-clean option. It is also slip-resistant, which is important for safety in a library environment.
- **Linoleum flooring:** Linoleum flooring is a natural and sustainable option that is also easy to clean and maintain. It is available in a variety of colors and patterns to suit any décor.

By replacing the library carpet with low-maintenance resilient flooring, Barnstable Intermediate School can create a more hygienic, durable, and attractive space for students to learn and explore.

Impact of Denial/Postponement: Continued increase in maintenance costs as well as further damage of the existing carpets.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting		-
Construction or Acquisition		-	\$62,700
Construction Contingency		-	-
Project Management		-	-
Project Contingency		-	-
All Other Costs		-	-

	Total Project Cost	-	\$62,700
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Basis for Cost Estimates: 3rd Party Estimating Via BPS Facilities Condition Assessment.

Project Estimated Completion Date: 2027		Design & Permit (months)	6	Construction (months)	18
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$62,700	Library Carpet Remove and Replace			
2027	-	-			

Source of Funding: Capital Trust Fund Reserves and/or Bond Issue

Operating Budget Impact now or in future: N/A

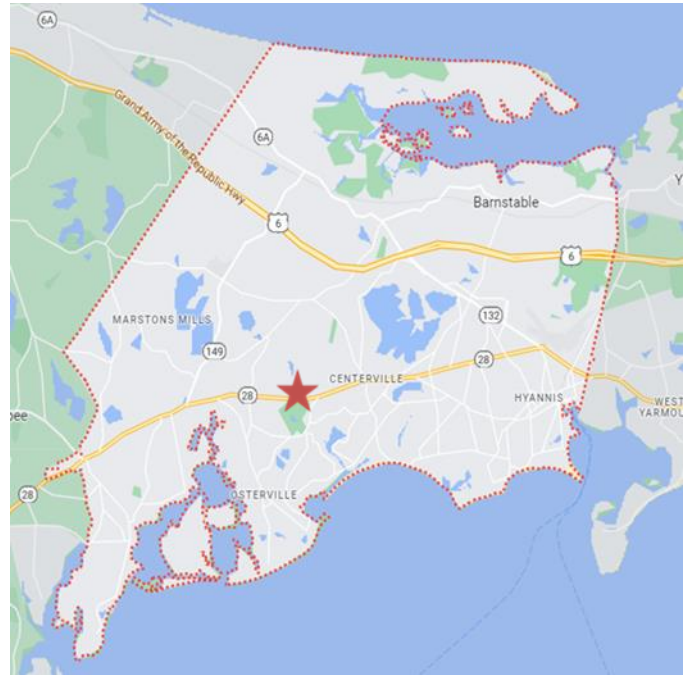
Project Working Title: Mill and Repave Playground Blacktop

Project Location: West Villages Elementary School

Project Description: This project will mill and repave the asphalt pavement at the West Village Elementary School Playground.

Project Justification: The existing pavement has cracks that continue to deteriorate. These cracks create a tripping hazard to staff and students. Asphalt play surfaces can become cracked, uneven, posing a safety hazard to students. Additionally, a new play surface would be more durable and require less maintenance, saving the school money in the long run.

Impact of Denial/Postponement: Continued increase in maintenance costs as well as further damage of the existing carpets.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$10,000
	Construction or Acquisition	-	\$86,000
	Construction Contingency	-	-
	Project Management	-	-
	Project Contingency	-	-
	All Other Costs	-	-
	Total Project Cost	-	\$96,000

Basis for Cost Estimates: 3rd Party Estimating Via BPS Facilities Condition Assessment.

Project Estimated Completion Date: 2026		Design & Permit (months)	3	Construction (months)	6
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$96,000	Mill and Repave Playground Blacktop			
2027	-	-			

Source of Funding: Capital Trust Fund Reserves

Operating Budget Impact now or in future: N/A



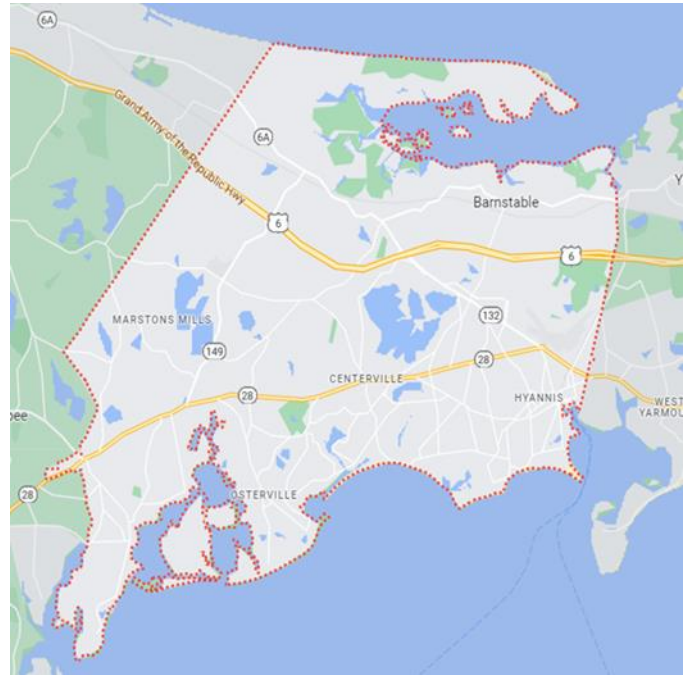
Project Working Title: Replace Membrane Roof

Project Location: Barnstable West Barnstable Elementary School

Project Description: This project intends to replace the white membrane roof over the gymnasium and cafeteria sections of BWB. This membrane roofing will be replaced with asphalt shingles.

Project Justification: There are many leaks in the existing membrane roof. The membrane roof is extremely slippery making repairs more difficult. During the winter months when there is snow or ice build up on this roof we have to close the day care entrance to BWB. This is because the snow will slide off the roof creating a large pile in front of the door. The day care entrance is closed out of caution.

Impact of Denial/Postponement: Continued leaks into the building causing water damage. Also, the continued risk of the snow piling in front of the door.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$50,000
	Construction or Acquisition	-	\$360,500
	Construction Contingency	-	\$40,000
	Project Management	-	-
	Project Contingency	-	\$50,000
	All Other Costs	-	-
	Total Project Cost	-	\$500,500

Basis for Cost Estimates: 3rd Party Estimating Via BPS Facilities Condition Assessment.

Project Estimated Completion Date: 2026		Design & Permit (months)	3	Construction (months)	6
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$96,000	Mill and Repave Playground Blacktop			
2027	-	-			

Source of Funding: Capital Trust Fund Reserves / Bond Issue

Operating Budget Impact now or in future: N/A



Project Working Title: Interior Door Replacement

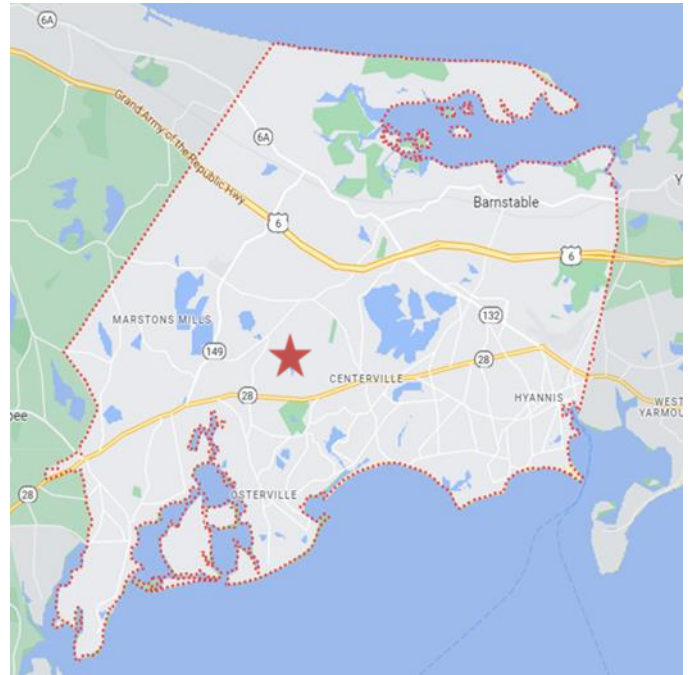
Project Location: Barnstable United Elementary School

Project Description: The goal of this project is to replace all interior doors at Barnstable United Elementary School. These are solid core wood doors and would be replaced similarly rated doors.

Project Justification: The existing doors throughout the school have begun to warp leading to difficulties latching. Warped doors create several problems that necessitate their replacement at Barnstable United Elementary School:

- **Safety:** Warped doors can be difficult to open and close, which can create a safety hazard for students and staff. For example, a warped door could jam and prevent someone from escaping a classroom in an emergency.
- **Appearance:** Warped doors can make the school look unprofessional and unwelcoming.
- **Energy efficiency:** Warped doors can let in drafts and moisture, which can waste energy and make the school more expensive to heat and cool.
- **Accessibility:** Warped doors can be difficult for students with disabilities to open and close.
- **Maintenance:** Warped doors are more likely to break down, which can lead to costly repairs.

Replacing the warped doors at Barnstable United Elementary School would improve safety, appearance, energy efficiency, accessibility, and maintenance.



Impact of Denial/Postponement: Potential security risk.

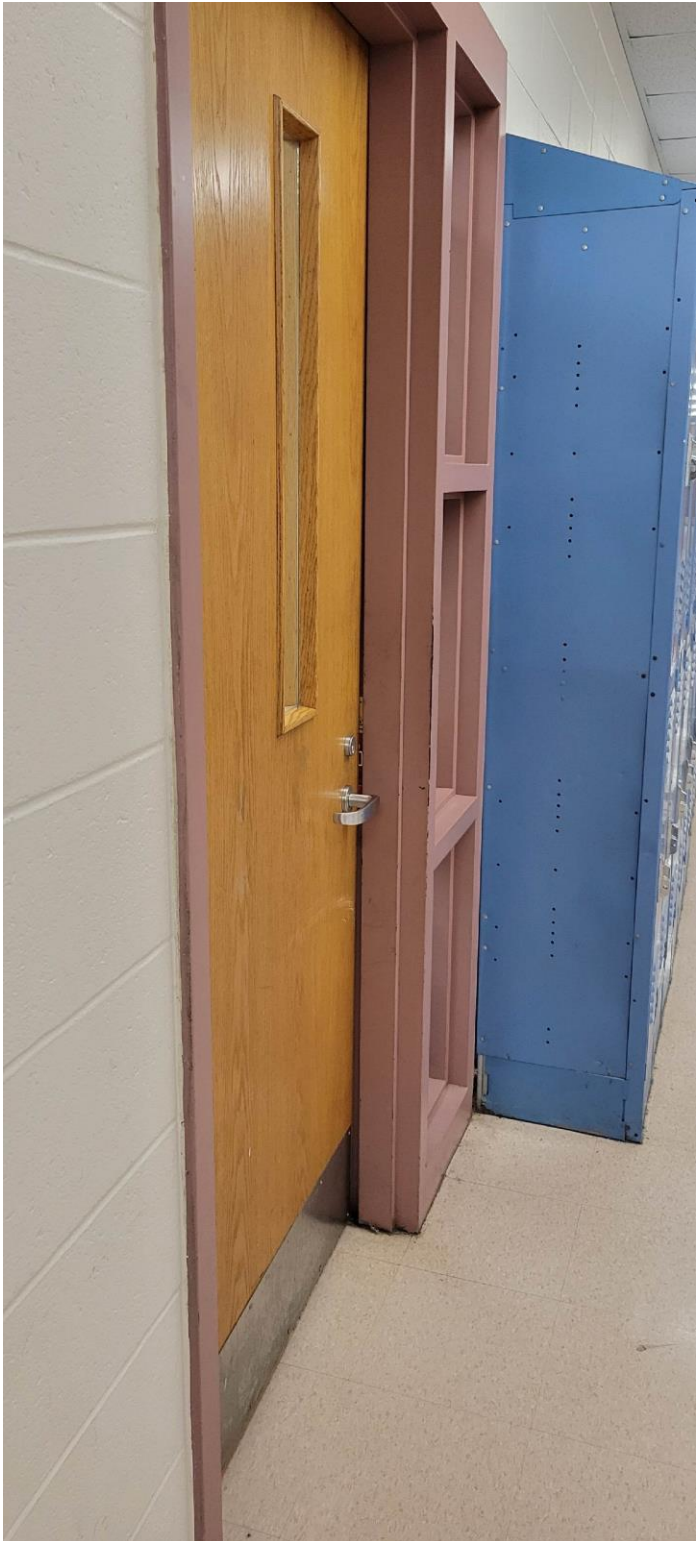
Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting		-
Construction or Acquisition		-	\$595,000
Construction Contingency		-	-
Project Management		-	-
Project Contingency		-	\$75,000
All Other Costs		-	-
Total Project Cost		-	\$720,000

Basis for Cost Estimates: 3rd Party Estimating Via BPS Facilities Condition Assessment.

Project Estimated Completion Date: 2026		Design & Permit (months)	3	Construction (months)	6
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$720,000	Door Replacement			
2027	-	-			

Source of Funding: Capital Trust Fund Reserves / Bond Issue

Operating Budget Impact now or in future: N/A



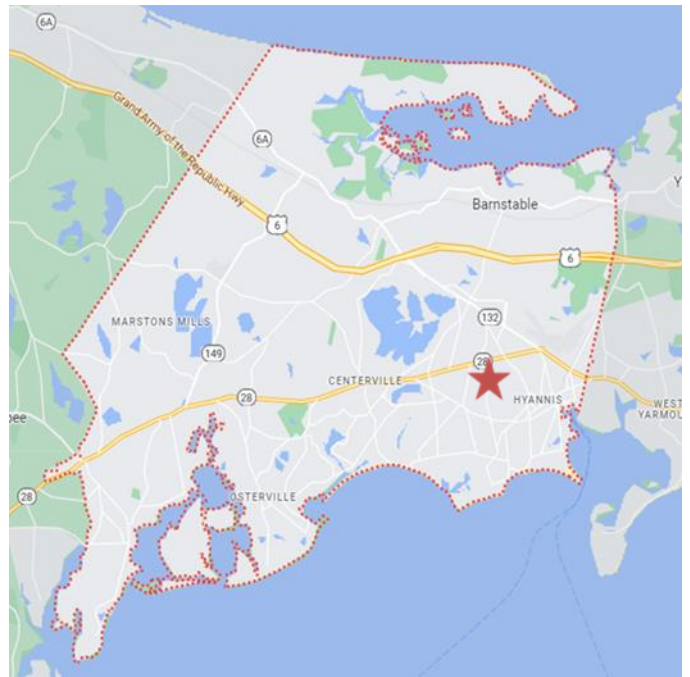
Project Working Title: Primary / Secondary Pump Replacement

Project Location: Barnstable Intermediate School

Project Description: The goal of this project is to replace / rebuild the primary and secondary heating pumps at Barnstable Intermediate School.

Project Justification: The present pumps have leaking seals or seized motors. These pumps are essential to the heating system in this school. If these pumps fail the potential for freeze ups can occur during the winter months. This would cause excessive water damage once the pipes thaw and potential down time.

Impact of Denial/Postponement: Denial of this project will leave the school vulnerable to the potential freeze up should these pumps fail due to deferred maintenance.



Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	-
	Construction or Acquisition	-	\$55,000
	Construction Contingency	-	-
	Project Management	-	-
	Project Contingency	-	\$7,400
	All Other Costs	-	-
	Total Project Cost	-	\$62,400

Basis for Cost Estimates: 3rd Party Estimating Via BPS Facilities Condition Assessment.

Project Estimated Completion Date: 2026		Design & Permit (months)	3	Construction (months)	6
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$62,400	Primary / Secondary Pump Replacement			
2027	-	-			

Source of Funding: Capital Trust Fund Reserves / Bond Issue

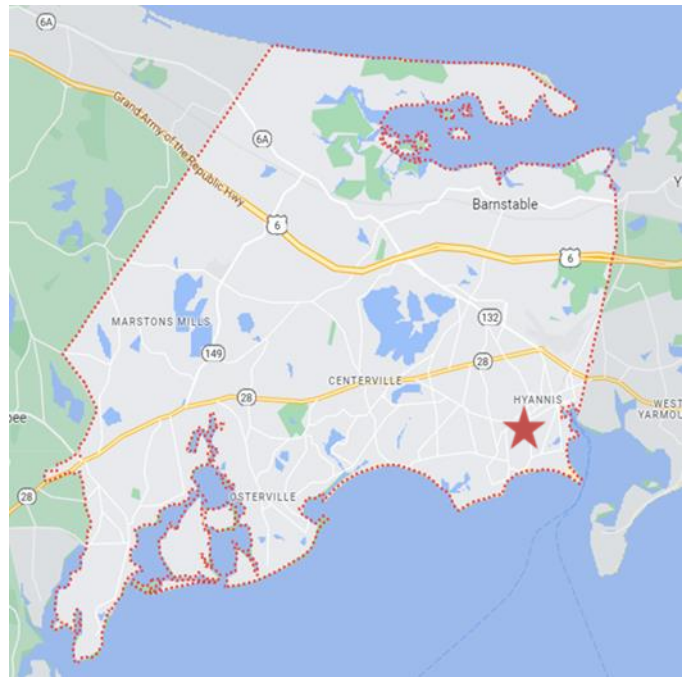
Operating Budget Impact now or in future: N/A

Project Working Title: Parking Lot Mill and Repave

Project Location: Hyannis West Elementary School

Project Description: The objective of this project will be to improve the failing parking surface at Hyannis West Elementary School by milling and repaving. Storm run offs will be assessed during this process and repaired as needed. This will include repainting the lines as well.

Project Justification: The parking lot and access drives at Hyannis West Elementary School are in poor condition and need to be milled and repaved. The asphalt is cracked and uneven, creating a safety hazard for drivers, pedestrians, and students. The cracks also allow water to seep into the pavement, which can cause further damage. The parking lot is also too small to accommodate the current number of staff and visitors, which leads to congestion and safety concerns. Milling and replacing the parking lot and access drives would improve safety, reduce congestion, and extend the lifespan of the pavement.



Impact of Denial/Postponement: Will lead to further deterioration of the parking surfaces.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$30,000
	Construction or Acquisition	-	\$190,700
	Construction Contingency	-	-
	Project Management	-	-
	Project Contingency	-	\$25,000
	All Other Costs	-	-
	Total Project Cost	-	\$245,700

Basis for Cost Estimates: 3rd Party Estimating Via BPS Facilities Condition Assessment.

Project Estimated Completion Date: 2027		Design & Permit (months)	6	Construction (months)	18
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$245,700	Parking Lot Mill and Repave			
2027	-	-			

Source of Funding: Capital Trust Fund Reserves / Bond Issue

Operating Budget Impact now or in future: N/A

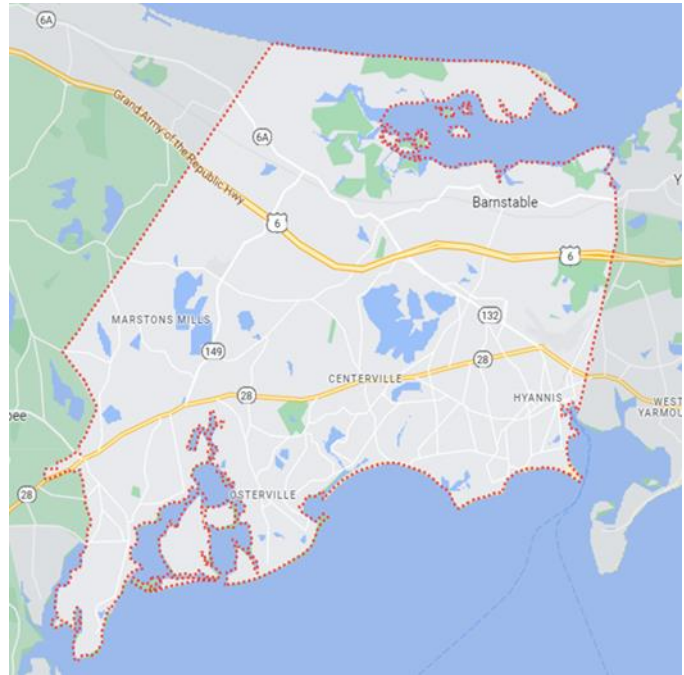
Project Working Title: Mechanical Upgrades

Project Location: All Barnstable Public Schools

Project Description: District Wide Boiler, Burners and Pump Upgrades.

Project Justification: These mechanical upgrades such a VFD or new efficient boilers and water heaters would be > 15% energy savings. Additionally, many of the mechanical systems in our schools past the typical useful life. These systems consist of large pumps, boilers, water heaters, air handlers, and general piping systems. This appropriate would assist with the replacement of some of these systems should there be an unexpected failure.

Impact of Denial/Postponement: Will need to fund unpredictable repairs from the general maintenance budget. Some of these repairs could be 30-50% of the entire maintenance budget leaving less for planned maintenance and repairs.



Project Cost Estimates:	FY 2025	Future FY
Design & Permitting	-	-
Construction or Acquisition	-	\$750,000
Construction Contingency	-	-
Project Management	-	-
Project Contingency	-	-
All Other Costs	-	-
Total Project Cost	-	\$750,000

Basis for Cost Estimates: 3rd Party Estimating Via BPS Facilities Condition Assessment.

Project Estimated Completion Date: 2027		Design & Permit (months)	6	Construction (months)	18
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$250,000	Mechanical Upgrades			
2027	\$250,000	Mechanical Upgrades			
2028	\$250,000	Mechanical Upgrades			

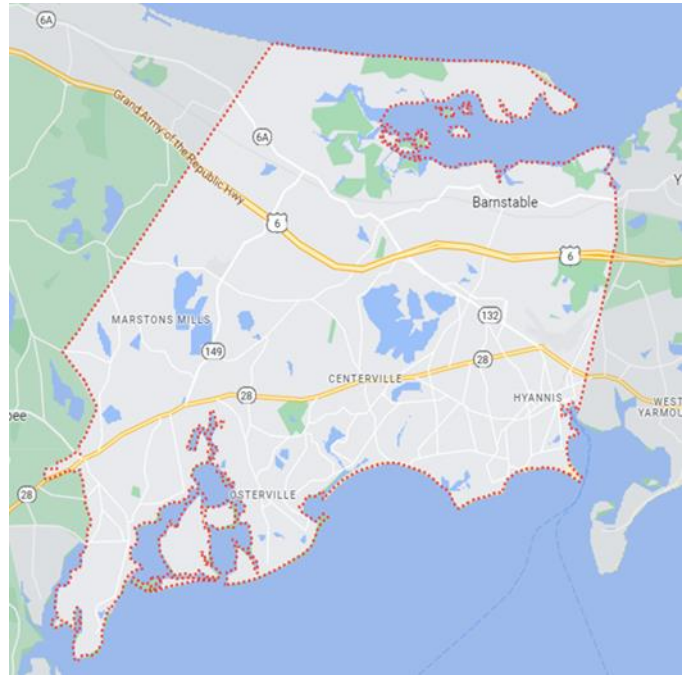
Source of Funding: Capital Trust Fund Reserves / Bond Issue

Operating Budget Impact now or in future: N/A

Project Working Title: Roadway Mill and Repave

Project Location: Hyannis West Elementary School

Project Description: The objective of this project will be to improve the failing parking surface at Hyannis West Elementary School by milling and repaving. Storm run offs will be assessed during this process and repaired as needed. This will include repainting the lines as well. The parking lot and access drives at Hyannis West Elementary School are in poor condition and need to be milled and repaved. The asphalt is cracked and uneven, creating a safety hazard for drivers, pedestrians, and students. The cracks also allow water to seep into the pavement, which can cause further damage. The parking lot is also too small to accommodate the current number of staff and visitors, which leads to congestion and safety concerns. Milling and replacing the parking lot and access drives would improve safety, reduce congestion, and extend the lifespan of the pavement.



Impact of Denial/Postponement: Will lead to further deterioration of the parking surfaces.

Project Cost Estimates:		FY 2025	Future FY
	Design & Permitting	-	\$30,000
	Construction or Acquisition	-	\$204,700
	Construction Contingency	-	-
	Project Management	-	-
	Project Contingency	-	\$25,000
	All Other Costs	-	-
Total Project Cost	-	\$259,700	

Basis for Cost Estimates: 3rd Party Estimating Via BPS Facilities Condition Assessment.

Project Estimated Completion Date: 2027		Design & Permit (months)	6	Construction (months)	18
Cost/Description FY 2025 and Follow-On Years:					
Fiscal Year	Cost	Project Description/Components			
2025	-	-			
2026	\$259,700	Roadway Mill and Repave			
2027	-	-			

Source of Funding: Capital Trust Fund Reserves / Bond Issue

As a result of a Facilities Conditions Assessment conducted in 2023, the Barnstable School District identified 116 projects that would fall within the 2025-2029 Capital Plan cycle. The first thirty projects, including those funded and deferred, have been presented in detail within the 2025-2029 Capital Plan. Projects 31-116 are consolidated below and will be expanded upon in future plans as scope and estimates are finalized.

Further information on the Facilities Conditions Assessment can be found on the Barnstable Public Schools website:

<https://www.barnstable.k12.ma.us/Domain/44>

GENERAL FUND

DEPT	PRIORITY	PROJECT TITLE	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTALS
SCH	31	BHS Locker Room Renovations	-	250,000	-	-	-	250,000
SCH	32	BHS Exhaust Fan Replacement / Upgrades	-	507,600	-	-	-	507,600
SCH	33	Hyannis West Masonry Repairs	-	142,000	-	-	-	142,000
SCH	34	BHS Patch Parking and Drives	-	703,000	-	-	-	703,000
SCH	35	Hy West Convert Heating System From Steam to Hot Water	-	2,633,400	-	-	-	2,633,400
SCH	36	Performing Arts Center Upgrades / Repairs	-	1,200,000	-	-	-	1,200,000
SCH	37	Generator Replacement / Co-Generator Installation	-	1,000,000	-	-	-	1,000,000
SCH	38	Window Replacement Osterville Campus	-	750,000	-	-	-	750,000
SCH	39	Maintenance Sprinkle Building	-	123,600	-	-	-	123,600
SCH	40	BHS Masonry Repair/Repoint	-	234,000	-	-	-	234,000
SCH	41	BHS Repaint/replace interior doors	-	150,000	-	-	-	150,000
SCH	42	Field House Improvements	-	273,000	-	-	-	273,000
SCH	43	BHS Replace DHW Mixing Valves	-	78,000	-	-	-	78,000
SCH	44	BIS Gym Floor	-	114,000	-	-	-	114,000
SCH	45	BIS Café VCT	-	66,000	-	-	-	66,000
SCH	46	BIS Exhaust Fans Replacement	-	96,000	-	-	-	96,000
SCH	47	BIS Paving Main Driveway Repair Cracks	-	61,000	-	-	-	61,000
SCH	48	BIS Replace Sidewalk	-	69,000	-	-	-	69,000
SCH	49	BUE Locker Rm Roof	-	112,000	-	-	-	112,000
SCH	50	BUE DDC Controls	-	878,000	-	-	-	878,000
SCH	51	BUE Data Cabling	-	183,000	-	-	-	183,000
SCH	52	Acoustical Ceiling in Classrooms	-	130,000	-	-	-	130,000
SCH	53	BWB Paving Repairs	-	55,000	-	-	-	55,000
SCH	54	Centerville Windows Rm 2,4,6,8	-	313,000	-	-	-	313,000
SCH	55	Centerville Windows New Wing	-	1,183,000	-	-	-	1,183,000
SCH	56	Centerville Sprinkler Building	-	588,000	-	-	-	588,000
SCH	57	BCIS Casework	-	100,000	-	-	-	100,000
SCH	58	BCIS Sprinkler Building	-	527,000	-	-	-	527,000
SCH	59	Replace finned tube radiation throughout	-	131,000	-	-	-	131,000
SCH	60	Hy West Classroom Casework on Exterior Wall	-	150,000	-	-	-	150,000

DEPT	PRIORITY	PROJECT TITLE	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTALS
SCH	61	WV Café AHU	-	97,000	-	-	-	97,000
SCH	62	Facility's Building Dust Collection	-	60,000	-	-	-	60,000
SCH	63	Hy West HVAC Energy Recover to Offices/Cooling	-	-	\$351,000	-	-	351,000
SCH	64	BHS Lintel Repair	-	-	78,000	-	-	78,000
SCH	65	BHS Acoustical Ceiling	-	-	1,734,000	-	-	1,734,000
SCH	66	BHS Kitchen Epoxy	-	-	97,000	-	-	97,000
SCH	67	BHS Gymnasium Floor and Painting	-	-	80,000	-	-	80,000
SCH	68	BHS Café Floor	-	-	107,000	-	-	107,000
SCH	69	BHS 1600s Floor	-	-	184,000	-	-	184,000
SCH	70	BHS 1300+2300 Floor	-	-	136,000	-	-	136,000
SCH	71	BHS 1500's Floor	-	-	92,000	-	-	92,000
SCH	72	BHS 1700's Floor	-	-	384,000	-	-	384,000
SCH	73	BHS Boiler Room Make up Air	-	-	71,000	-	-	71,000
SCH	74	BHS Security Hardware on Classroom Doors	-	-	243,000	-	-	243,000
SCH	75	BIS Roof Replacement	-	-	4,410,000	-	-	4,410,000
SCH	76	BIS Rubber Floor in Stairs	-	-	80,000	-	-	80,000
SCH	77	BIS Replace movable Partition in Classrooms	-	-	200,000	-	-	200,000
SCH	78	BIS Sprinklers under Exterior Overhangs	-	-	60,000	-	-	60,000
SCH	79	BUE Acoustical Ceiling Improvements	-	-	1,080,000	-	-	1,080,000
SCH	80	BUE Gym Floor Replacement	-	-	144,000	-	-	144,000
SCH	81	BUE Classroom Casework	-	-	370,000	-	-	370,000
SCH	82	BUE Power Distribution Upgrade	-	-	666,000	-	-	666,000
SCH	83	BUE Parking Mill Repave	-	-	470,000	-	-	470,000
SCH	84	BUE Roadways Mill Repave	-	-	424,000	-	-	424,000
SCH	85	BWB Bathroom Renovations	-	-	340,000	-	-	340,000
SCH	86	BWB Clock System	-	-	98,000	-	-	98,000
SCH	87	Centerville Ceiling Tiles throughout New Wing	-	-	149,000	-	-	149,000
SCH	88	Centerville Clock System	-	-	141,000	-	-	141,000
SCH	89	BCIS Ceiling tiles	-	-	98,000	-	-	98,000
SCH	90	Hy West Classroom Closets Refinish Wood	-	-	120,000	-	-	120,000
SCH	91	WV Ceiling	-	-	414,000	-	-	414,000
SCH	92	WV Paving/Restriping	-	-	423,000	-	-	423,000
SCH	93	BIS Locker Rm Reno	-	-	-	\$234,000	-	234,000
SCH	94	BIS Boiler/ Pump Room Efficiency Upgrades	-	-	-	\$550,000	-	550,000
SCH	95	BWB Closed Walkway to Modular	-	-	-	\$195,000	-	195,000
SCH	96	BWB Replace Flooring	-	-	-	\$240,000	-	240,000
SCH	97	BWB Install Sprinklers	-	-	-	\$383,000	-	383,000
SCH	98	BWB Fire Alarm Upgrade	-	-	-	\$151,000	-	151,000
SCH	99	Centerville Boiler Upgrade	-	-	-	\$455,000	-	455,000
SCH	100	Centerville Fire Alarm Upgrade	-	-	-	\$218,000	-	218,000

DEPT	PRIORITY	PROJECT TITLE	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	TOTALS
SCH	101	BCIS Bathroom Renovations	-	-	-	\$450,000	-	450,000
SCH	102	Hy West Roof Replacement	-	-	-	\$1,002,000	-	1,002,000
SCH	103	West Villages Gym AHU	-	-	-	\$97,000	-	97,000
SCH	104	West Villages Boiler Upgrade	-	-	-	\$390,000	-	390,000
SCH	105	ECELC Flooring Throughout	-	-	-	\$98,000	-	98,000
SCH	106	BHS Electrical Distribution Upgrade	-	-	-	-	\$4,104,000	4,104,000
SCH	107	BIS Power Distribution Upgrades	-	-	-	-	\$1,287,000	1,287,000
SCH	108	BWB Classroom Closets	-	-	-	-	\$72,000	72,000
SCH	109	BWB Café and Gym Air handlers	-	-	-	-	\$247,000	247,000
SCH	110	BWB Boiler Conversion Steam/HW	-	-	-	-	\$780,000	780,000
SCH	111	BWB Kitchen Exhaust Hood	-	-	-	-	\$71,000	71,000
SCH	112	BCIS Clock System	-	-	-	-	\$142,000	142,000
SCH	113	BCIS Piping Replacement/Repairs	-	-	-	-	\$219,000	219,000
SCH	114	Hy West Ceiling	-	-	-	-	\$262,000	262,000
SCH	115	Hy West Electrical Distribution Upgrade	-	-	-	-	\$1,053,000	1,053,000
SCH	116	West Villages Roof replacement	-	-	-	-	\$1,248,000	1,248,000
TOTAL SCHOOL			\$ 9,920,200	\$ 25,933,400	\$ 19,944,000	\$ 9,913,000	\$ 13,285,000	\$ 78,995,600

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APPENDIX A – FISCAL YEAR 2025 CAPITAL BUDGET APPROPRIATIONS ORDERS

2024-100 APPROPRIATION AND LOAN ORDER

Water Supply Enterprise Fund Capital Improvement Plan (Two-thirds Vote Full Council)

ORDERED: That the amount of **\$1,500,000** be appropriated for the purpose of funding the Pipe Replacement and Upgrade Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that the Town Treasurer, with the approval of the Town Manager, is authorized to borrow **\$1,500,000** under and pursuant to M.G.L. c. 44, §§7 or 8, M.G.L. c. 29C, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor; that the Town is authorized to borrow all or any portion of this appropriation from the Massachusetts Clean Water Trust (the “Trust”) and that the Town Manager or the Treasurer is authorized to sign any financing agreements or project regulatory agreements relating to such borrowing from the Trust; and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-101 APPROPRIATION ORDER

Water Supply Enterprise Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$200,000** be appropriated for the purpose of funding the Wells, Pump Stations, Treatment Plant Repair and Upgrade Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$200,000** be provided from the Water Supply Enterprise Fund reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-102 APPROPRIATION AND LOAN ORDER

Water Supply Enterprise Fund Capital Improvement Plan (Two-thirds Vote Full Council)

ORDERED: That the amount of **\$35,500,000** be appropriated for the purpose of funding the Straightway Filtration Plant Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that the Town Treasurer, with the approval of the Town Manager, is authorized to borrow **\$35,500,000** under and pursuant to M.G.L. c. 44, §§7 or 8, M.G.L. c. 29C, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor; that the Town is authorized to borrow all or any portion of this appropriation from the Massachusetts Clean Water Trust (the “Trust”) and that the Town Manager or the Treasurer is authorized to sign any financing agreements or project regulatory agreements relating to such borrowing from the Trust; and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-103 APPROPRIATION AND LOAN ORDER

Water Supply Enterprise Fund Capital Improvement Plan (Two-thirds Vote Full Council)

ORDERED: That the amount of **\$2,600,000** be appropriated for the purpose of funding the Mary Dunn Filtration Plant Design Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that the Town Treasurer, with the approval of the Town Manager, is authorized to borrow **\$2,600,000** under and pursuant to M.G.L. c. 44, §§7 or 8, M.G.L. c. 29C, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor; that the Town is authorized to borrow all or any portion of this appropriation from the Massachusetts Clean Water Trust (the “Trust”) and that the Town Manager or the

Treasurer is authorized to sign any financing agreements or project regulatory agreements relating to such borrowing from the Trust; and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-104 APPROPRIATION ORDER

Solid Waste Enterprise Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$90,000** be appropriated for the purpose of funding the Solid Waste Tractor Brush-Mower Replacement Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$90,000** be provided from the Solid Waste Enterprise Fund Reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-105 APPROPRIATION ORDER

Solid Waste Enterprise Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$50,000** be appropriated for the purpose of funding the Solid Waste Sweeper Replacement Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$50,000** be provided from the Solid Waste Enterprise Fund Reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-106 APPROPRIATION ORDER

Solid Waste Enterprise Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$125,000** be appropriated for the purpose of funding the Solid Waste Compactor Unit Replacement Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$125,000** be provided from the Solid Waste Enterprise Fund Reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-107 APPROPRIATION ORDER

Solid Waste Enterprise Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$50,000** be appropriated for the purpose of funding the Solid Waste Container Replacement Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$50,000** be provided from the Solid Waste Enterprise Fund Reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-108 APPROPRIATION AND LOAN ORDER

Water Pollution Control Enterprise Fund Capital Improvement Plan (Two-thirds Vote Full Council)

ORDERED: That the amount of **\$1,000,000** be appropriated for the purpose of funding Water Pollution Control Pump Station Rehabilitation Program as outlined in the FY 2025 - FY2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that the Town Treasurer, with the approval of the Town Manager, is authorized to borrow **\$1,000,000** under and pursuant to M.G.L. c. 44, §§7 or 8, M.G.L. c. 29C, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor; that the Town is authorized to borrow all or any portion of this appropriation from the Massachusetts Clean Water Trust (the "Trust") and that the Town Manager or the Treasurer is authorized to sign any financing agreements or project regulatory agreements relating to such borrowing from the Trust; and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-109 APPROPRIATION AND LOAN ORDER

Water Pollution Control Enterprise Fund Capital Improvement Plan (Two-thirds Vote Full Council)

ORDERED: That the amount of **\$600,000** be appropriated for the purpose of funding Water Pollution Control Effluent Sand Bed Valve Rehabilitation Program as outlined in the FY 2025 - FY2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that the Town Treasurer, with the approval of the Town Manager, is authorized to borrow **\$600,000** under and pursuant to M.G.L. c. 44, §§7 or 8, M.G.L. c. 29C, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor; that the Town is authorized to borrow all or any portion of this appropriation from the Massachusetts Clean Water Trust (the "Trust") and that the Town Manager or the Treasurer is authorized to sign any financing agreements or project regulatory agreements relating to such borrowing from the Trust; and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-110 APPROPRIATION ORDER

Water Pollution Control Enterprise Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$150,000** be appropriated for the purpose of funding the Water Pollution Control System Rehabilitation Evaluation and Design Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$150,000** be provided from the Water Pollution Control Enterprise Fund Reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-111 APPROPRIATION ORDER

Water Pollution Control Enterprise Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$115,000** be appropriated for the purpose of funding the Water Pollution Control Bypass Pump Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$115,000** be provided from the Water Pollution Control Enterprise Fund Reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-112 APPROPRIATION AND LOAN ORDER

Comprehensive Wastewater Management Plan (Two-thirds Vote Full Council)

That the amount of **\$109,330,000** be appropriated for the purpose of funding the Water Pollution Control Facility Upgrades Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that the Town Treasurer, with the approval of the Town Manager, is authorized to borrow **\$109,330,000** under and pursuant to M.G.L. c. 44, §§7 or 8, M.G.L. c. 29C, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor; that the Town is authorized to borrow all or any portion of this appropriation from the Massachusetts Clean Water Trust (the "Trust") and that the Town Manager or the Treasurer is authorized to sign any financing agreements or project regulatory agreements relating to such borrowing from the Trust; and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-113 APPROPRIATION AND LOAN ORDER

Comprehensive Wastewater Management Plan (Two-thirds Vote Full Council)

That the amount of **\$59,650,000** be appropriated for the purpose of funding the Rt. 28 West Sewer Expansion Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that the Town Treasurer, with the approval of the Town Manager, is authorized to borrow **\$59,650,000** under and pursuant to M.G.L. c. 44, §§7 or 8, M.G.L. c. 29C, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor; that the Town is authorized to borrow all or any portion of

this appropriation from the Massachusetts Clean Water Trust (the “Trust”) and that the Town Manager or the Treasurer is authorized to sign any financing agreements or project regulatory agreements relating to such borrowing from the Trust; and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-114 APPROPRIATION ORDER
Comprehensive Wastewater Management Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$750,000** be appropriated for the purpose of funding the Design of the Long Beach Sewer Expansion Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$750,000** be provided from the Sewer Construction and Private Way Improvement Fund reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-115 APPROPRIATION ORDER
Sewer Construction Private Way Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$1,520,000** be appropriated for the purpose of funding the Private Road Repairs to School Street and Old Mill Road Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$1,520,000** be provided from the Sewer Construction and Private Way Improvement Fund reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-116 APPROPRIATION ORDER
General Fund Capital Improvement Plan (Two-thirds Vote Full Council)

ORDERED: That the amount of **\$2,850,000** be appropriated for the purpose of funding the Public Roads Maintenance Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$2,850,000** be provided from the Capital Trust Fund Reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-117 APPROPRIATION ORDER
General Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$350,000** be appropriated for the purpose of funding the Curb Ramps and Sidewalk ADA Transition Plan Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$350,000** be provided from the General Fund Reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-118 APPROPRIATION ORDER
General Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$135,000** be appropriated for the purpose of funding the Monitoring and Management Plan for Fresh Water Ponds Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$135,000** be provided from the General Fund Reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-119 APPROPRIATION AND LOAN ORDER
General Fund Capital Improvement Plan (Two-thirds Vote Full Council)

ORDERED: That the amount of **\$685,000** be appropriated for the purpose of funding the Raised Crosswalks on Main St. Osterville Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that the Town Treasurer, with the approval of the Town Manager, is authorized to borrow **\$685,000** under and pursuant to M.G.L. c. 44, §§7 or 8, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor; and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-120 APPROPRIATION AND LOAN ORDER
General Fund Capital Improvement Plan (Two-thirds Vote Full Council)

ORDERED: That the amount of **\$1,750,000** be appropriated for the purpose of funding the Channel Dredging Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that the Town Treasurer, with the approval of the Town Manager, is authorized to borrow **\$1,750,000** under and pursuant to M.G.L. c. 44, §§7 or 8, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor; and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-121 APPROPRIATION AND LOAN ORDER
General Fund Capital Improvement Plan (Two-thirds Vote Full Council)

ORDERED: That the amount of **\$580,000** be appropriated for the purpose of funding the Bulkhead Improvements Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that the Town Treasurer, with the approval of the Town Manager, is authorized to borrow **\$580,000** under and pursuant to M.G.L. c. 44, §§7 or 8, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor; and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-122 APPROPRIATION ORDER
General Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$256,000** be appropriated for the purpose of funding the Bay Shore Boat Ramp Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$256,000** be provided from the General Fund Reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-123 APPROPRIATION ORDER
General Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$50,000** be appropriated for the purpose of funding the West Bay Breakwater Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$50,000** be provided from the General Fund Reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-124 APPROPRIATION ORDER
General Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$150,000** be appropriated for the purpose of funding the Blish Point Long Term Solution Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$150,000** be provided from the General Fund Reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-125 APPROPRIATION ORDER
General Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$240,000** be appropriated for the purpose of funding the Automatic Beach Gate Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$240,000** be provided from the General Fund Reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-126 APPROPRIATION ORDER
General Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$250,000** be appropriated for the purpose of funding the Town Hall Elevator Replacement Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$250,000** be provided from the General Fund Reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-127 APPROPRIATION AND LOAN ORDER
General Fund Capital Improvement Plan (Two-thirds Vote Full Council)

ORDERED: That the amount of **\$619,000** be appropriated for the purpose of funding the School Administration Building Mechanical Upgrades Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that the Town Treasurer, with the approval of the Town Manager, is authorized to borrow **\$619,000** under and pursuant to M.G.L. c. 44, §§7 or 8, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor; and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-128 APPROPRIATION ORDER
General Fund Capital improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$51,000** be appropriated for the purpose of funding the Marine and Environmental Affairs Building Mechanical Upgrades Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$51,000** be provided from the General Fund Reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-129 APPROPRIATION ORDER
General Fund Capital improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$72,000** be appropriated for the purpose of funding the Barnstable Adult Community Center Mechanical Upgrades Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$27,000** be provided from the General Fund Reserves and **\$45,000** be provided from Sale of Real Estate Special Revenue Fund, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-130 APPROPRIATION ORDER
General Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$89,000** be appropriated for the purpose of funding the Old Selectman's Building Handicap Ramp Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$89,000** be provided from the General Fund Reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-131 APPROPRIATION ORDER
General Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$90,300** be appropriated for the purpose of funding the Mosswood Cemetery Building Improvements Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$90,300** be provided from the General Fund Reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-132 APPROPRIATION AND LOAN ORDER
General Fund Capital Improvement Plan (Two-thirds Vote Full Council)

ORDERED: That the amount of **\$618,759** be appropriated for the purpose of funding the Town Office Relocation Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that the Town Treasurer, with the approval of the Town Manager, is authorized to borrow **\$618,759** under and pursuant to M.G.L. c. 44, §7 or 8, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor; and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-133 APPROPRIATION ORDER
General Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$370,000** be appropriated for the purpose of funding the Barnstable Police Facility Improvement Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$370,000** be provided from the General Fund Reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-134 APPROPRIATION ORDER
General Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$359,623** be appropriated for the purpose of funding the Marine and Environmental Affairs Exterior Restoration Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$359,623** be provided from the General Fund Reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-135 APPROPRIATION ORDER
General Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$48,000** be appropriated for the purpose of funding the Barnstable Adult Community Center Exterior Restoration Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$48,000** be provided from the Sale of Real Estate Special Revenue Fund, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-136 APPROPRIATION ORDER
Hyannis Youth and Community Center Enterprise Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$300,000** be appropriated for the purpose of funding the Hyannis Youth and Community Center Mechanical improvements Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$300,000** be provided from the

General Fund Reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-137 APPROPRIATION ORDER

Hyannis Youth and Community Center Enterprise Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$285,059** be appropriated for the purpose of funding the Hyannis Youth and Community Center Security System Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$285,059** be provided from the General Fund Reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-138 APPROPRIATION AND LOAN ORDER

Golf Enterprise Fund (Two-thirds Vote Full Council)

ORDERED: That the amount of **\$2,950,000** be appropriated for the purpose of funding the Hyannis Golf Course Club House Restoration Project as outlined in the FY 2025- FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that the Town Treasurer, with the approval of the Town Manager, is authorized to borrow **\$2,950,000** under and pursuant to M.G.L. c. 44, §7 or 8, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor; and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes, and further that the amount received from any insurance settlement reduce the appropriation and amount authorized to borrow under this order.

2024-139 APPROPRIATION ORDER

General Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$305,000** be appropriated for the purpose of funding the Joshua Pond Handicap Accessibility and Beach Improvement as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$305,000** be provided from the General Fund Reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-140 APPROPRIATION ORDER

General Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$243,000** be appropriated for the purpose of funding the Centerville Recreation Mechanical Improvements Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$243,000** be provided from the General Fund Reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-141 APPROPRIATION ORDER

General Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$175,000** be appropriated for the purpose of funding the Network Infrastructure Upgrade Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$175,000** be provided from the General Fund Reserves, and that the Town Manager is authorized to contract for and expend the appropriation made available for these purposes.

2024-142 APPROPRIATION AND LOAN ORDER

General Fund Capital Improvement Plan (Two-thirds Vote Full Council)

ORDERED: That the amount of **\$900,000** be appropriated for the purpose of funding the Barnstable Community Innovation School Elevator Installation Project as outlined in the FY 2024 - FY 2028 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that the Town Treasurer, with the approval of the Town Manager, is authorized to borrow **\$900,000** under and pursuant to M.G.L. c. 44, §§7 or 8, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor; and that the Barnstable School Committee is authorized to contract for and expend the appropriation made available for these purposes.

2024-143 APPROPRIATION ORDER
General Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$550,000** be appropriated for the purpose of funding the Playground Safety Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to fund this appropriation that **\$550,000** be provided from the General Fund Reserves; and that the Barnstable School Committee is authorized to contract for and expend the appropriation made available for these purposes.

2024-144 APPROPRIATION ORDER
General Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$85,000** be appropriated for the purpose of funding the Paging System Upgrade at Hyannis West Elementary School and Enoch Cobb Early Learning Center Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to fund this appropriation that **\$85,000** be provided from the General Fund Reserves; and that the Barnstable School Committee is authorized to contract for and expend the appropriation made available for these purposes.

2024-145 APPROPRIATION ORDER
General Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$344,000** be appropriated for the purpose of funding the Barnstable Intermediate School Exterior Door Replacement Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to fund this appropriation that **\$344,000** be provided from the General Fund Reserves; and that the Barnstable School Committee is authorized to contract for and expend the appropriation made available for these purposes.

2024-146 APPROPRIATION AND LOAN ORDER
General Fund Capital Improvement Plan (Two-thirds Vote Full Council)

ORDERED: That the amount of **\$3,353,700** be appropriated for the purpose of funding the Unit Ventilator Replacement Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that the Town Treasurer, with the approval of the Town Manager, is authorized to borrow **\$3,353,700** under and pursuant to M.G.L. c. 44, §§7 or 8, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor and that the Barnstable School Committee is authorized to contract for and expend the appropriation made available for these purposes.

2024-147 APPROPRIATION AND LOAN ORDER
General Fund Capital Improvement Plan (Two-thirds Vote Full Council)

ORDERED: That the amount of **\$650,000** be appropriated for the purpose of funding the Auditorium RTU Replacement Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that the Town Treasurer, with the approval of the Town Manager, is authorized to borrow **\$650,000** under and pursuant to M.G.L. c. 44, §§7 or 8, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor and that the Barnstable School Committee is authorized to contract for and expend the appropriation made available for these purposes.

2024-148 APPROPRIATION ORDER
General Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$78,000** be appropriated for the purpose of funding the Hyannis West Parking Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to fund this appropriation that **\$78,000** be provided from the General Fund Reserves; and that the Barnstable School Committee is authorized to contract for and expend the appropriation made available for these purposes.

2024-149 APPROPRIATION AND LOAN ORDER
General Fund Capital Improvement Plan (Two-thirds Vote Full Council)

ORDERED: That the amount of **\$757,700** be appropriated for the purpose of funding the Barnstable Intermediate School Network Based Public Address System Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that the Town Treasurer, with the approval of the Town Manager, is authorized to borrow **\$757,700** under and pursuant to M.G.L. c. 44, §7 or 8, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor and that the Barnstable School Committee is authorized to contract for and expend the appropriation made available for these purposes.

2024-150 APPROPRIATION ORDER
General Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$160,000** be appropriated for the purpose of funding the Hyannis West Locker Room Renovation Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$160,000** be provided from the General Fund Reserves; and that the Barnstable School Committee is authorized to contract for and expend the appropriation made available for these purposes.

2024-151 APPROPRIATION ORDER
General Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$200,000** be appropriated for the purpose of funding the Plumbing Fixture Replacement Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$200,000** be provided from the General Fund Reserves; and that the Barnstable School Committee is authorized to contract for and expend the appropriation made available for these purposes.

2024-152 APPROPRIATION AND LOAN ORDER
General Fund Capital Improvement Plan (Two-thirds Vote Full Council)

ORDERED: That the amount of **\$1,110,000** be appropriated for the purpose of funding the Barnstable high School Bathroom Renovation Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that the Town Treasurer, with the approval of the Town Manager, is authorized to borrow **\$1,110,000** under and pursuant to M.G.L. c. 44, §7 or 8, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor and that the Barnstable School Committee is authorized to contract for and expend the appropriation made available for these purposes.

2024-153 APPROPRIATION ORDER
General Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$350,000** be appropriated for the purpose of funding the Barnstable High School Roof Replacement Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$350,000** be provided from the General Fund

Reserves; and that the Barnstable School Committee is authorized to contract for and expend the appropriation made available for these purposes.

2024-154 APPROPRIATION ORDER
General Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$63,800** be appropriated for the purpose of funding the Barnstable United Elementary School Library Carpet Replacement Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$63,800** be provided from the General Fund Reserves; and that the Barnstable School Committee is authorized to contract for and expend the appropriation made available for these purposes.

2024-155 APPROPRIATION ORDER
General Fund Capital Improvement Plan (Majority Vote Full Council)

ORDERED: That the amount of **\$318,000** be appropriated for the purpose of funding the Hyannis West Bathroom Renovations Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$318,000** be provided from the General Fund Reserves; and that the Barnstable School Committee is authorized to contract for and expend the appropriation made available for these purposes.

2024-156 APPROPRIATION AND LOAN ORDER
General Fund Capital Improvement Plan (Two-thirds Vote Full Council)

ORDERED: That the amount of **\$1,000,000** be appropriated for the purpose of funding the HVAC Direct digital Control Replacement Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that the Town Treasurer, with the approval of the Town Manager, is authorized to borrow **\$1,000,000** under and pursuant to M.G.L. c. 44, §§7 or 8, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor and that the Barnstable School Committee is authorized to contract for and expend the appropriation made available for these purposes.

2024-157 APPROPRIATION AND LOAN ORDER
Airport Enterprise Fund (Two-thirds Vote Full Council)

ORDERED: That the amount of **\$2,082,400** be appropriated for the purpose of funding the HVAC Upgrades Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$104,120** be provided from the Airport Enterprise Fund surplus, and that the Town Treasurer, with the approval of the Town Manager, is authorized to borrow **\$1,978,280** under and pursuant to M.G.L. c. 44, §§7 or 8, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor; and that the Cape Cod Gateway Airport Commission is authorized to contract for and expend the appropriation made available for these purposes and to accept any gifts or grants in relation thereto.

2024-158 APPROPRIATION ORDER
Airport Enterprise Fund (Majority Vote Full Council)

ORDERED: That the amount of **\$1,500,000** be appropriated for the purpose of funding the Terminal Optimization Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$1,500,000** be provided from the Airport Enterprise Fund reserves; and that the Cape Cod Gateway Airport Commission is authorized to contract for and expend the appropriation made available for these purposes.

2024-159 APPROPRIATION AND LOAN ORDER
Airport Enterprise Fund (Two-thirds Vote Full Council)

ORDERED: That the amount of **\$550,000** be appropriated for the purpose of funding the Electric Aircraft Charging Facility Project as outlined in the FY 2025 - FY 2029 Capital Improvement Plan, including the payment of costs incidental or related thereto; and that to meet this appropriation, that **\$27,500** be provided from the Airport Enterprise Fund surplus, and that the Town Treasurer, with the approval of the Town Manager, is authorized to borrow **\$522,500** under and pursuant to M.G.L. c. 44, §§7 or 8, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor; and that the Cape Cod Gateway Airport Commission is authorized to contract for and expend the appropriation made available for these purposes and to accept any gifts or grants in relation thereto.

**APPENDIX B - DEBT AMORTIZATION SCHEDULES AS OF JUNE
30, 2023**

GENERAL FUND OUTSTANDING BONDS

SCHOOLS INTEREST & PRINCIPAL		Issue Date	Maturity Date	Original Amount	Pymts FY 2024	Pymts FY 2025	Pymts FY 2026	Pymts FY 2027	Pymts FY 2028	Pymts FY 2029	Pymts FY 2030	Pymts FY 2031	Pymts FY 2032	Pymts FY 2033
CTF Advance Refund 6/15/2003 School Remodel II	Inside	04/18/12	09/15/22	193,400	-	-	-	-	-	-	-	-	-	-
CTF Advance Refund 6/15/2003 School Remodel I	Inside	04/18/12	09/15/22	242,700	-	-	-	-	-	-	-	-	-	-
CTF School Roof Repairs	Inside	11/22/13	11/15/23	600,000	60,750	-	-	-	-	-	-	-	-	-
CTF HS Library AC Units	Inside	11/22/13	11/15/23	450,000	45,563	-	-	-	-	-	-	-	-	-
CTF School Fire & Communications System	Inside	11/22/13	11/15/23	200,000	20,250	-	-	-	-	-	-	-	-	-
CTF School Computer Network Infrastructure	Inside	11/22/13	11/15/23	189,000	15,188	-	-	-	-	-	-	-	-	-
CTF Early Learning Center Modular Facility	Inside	02/17/15	02/15/35	2,000,000	137,125	133,125	129,125	126,125	123,125	120,625	118,000	115,000	112,000	109,000
CTF School Health & Safety Improvements \$478,000 Refunded	Inside	02/17/15	02/15/26	193,400	19,980	19,260	18,540	-	-	-	-	-	-	-
CTF MME Roof Replacement (I) \$750,000 Refunded	Inside	02/17/15	02/15/26	329,800	40,720	34,240	32,960	-	-	-	-	-	-	-
CTF School Upgrades 2 (I) \$150,000 Refunded	Inside	02/17/15	02/15/27	47,400	5,620	4,920	4,240	4,120	-	-	-	-	-	-
CTF BHMCPs Roof (I) \$910,000 Refunded	Inside	02/17/15	02/15/27	426,900	48,890	46,170	44,490	42,230	-	-	-	-	-	-
CTF Elementary School Modular Classroom (#2015-115)	Inside	02/25/16	06/30/36	3,720,000	258,306	250,906	243,506	236,106	232,406	227,781	223,850	218,300	212,750	207,200
CTF BIS Façade & Roof Improvements (#2015-116)	Inside	02/25/16	06/30/36	3,353,000	235,981	229,181	222,381	210,581	207,281	203,156	199,650	194,700	189,750	184,800
CTF BCHMCPs Façade & Roof Improvements (#2015-117)	Inside	02/25/16	06/30/26	260,000	28,000	27,000	26,000	-	-	-	-	-	-	-
CTF High School & Middle School Boiler Upgrades (#2015-119)	Inside	02/25/16	06/30/26	350,000	39,200	37,800	36,400	-	-	-	-	-	-	-
CTF W Village Elementary A/C Replacement (#2015-120)	Inside	02/25/16	06/30/26	250,000	28,000	27,000	26,000	-	-	-	-	-	-	-
CTF School Facility Improvements 1 (I) \$916,600 Refunded	Inside	06/21/16	06/30/28	295,700	33,600	32,400	31,800	31,200	30,600	-	-	-	-	-
CTF School Parking Lot Light Pole Replacement (I) (#2016-082)	Inside	02/23/17	06/30/27	435,000	51,600	44,800	43,200	41,600	-	-	-	-	-	-
CTF School Unit Ventilator Upgrade (I) (#2016-083)	Inside	02/23/17	06/30/27	230,000	23,200	22,400	21,600	20,800	-	-	-	-	-	-
CTF Horace Mann Roof (I) (#2016-081)	Inside	02/27/18	06/30/38	2,350,000	187,519	181,519	175,519	169,519	163,519	152,519	147,919	143,319	139,869	136,419
CTF Barnstable Public Schools Unit Ventilator (I) (#2017-062)	Inside	02/27/18	06/30/28	225,000	25,000	24,000	23,000	22,000	21,000	-	-	-	-	-
CTF Barnstable High School Learning Center (I) (#2017-063)	Inside	02/27/18	06/30/38	2,968,500	235,356	227,856	220,356	212,856	205,356	197,856	191,856	185,856	176,356	172,006
CTF Barnstable Public Schools Asbestos Abatement (I) (#2017-066)	Inside	02/27/18	06/30/28	270,000	31,250	30,000	28,750	27,500	26,250	-	-	-	-	-
CTF Barnstable High School Stadium Bleachers (I) (#2017-067)	Inside	02/27/18	06/30/33	966,000	92,000	88,750	85,500	82,250	79,000	75,750	73,150	70,550	63,600	61,800
CTF Barnstable High School Cafeteria Window (I) (#2017-068)	Inside	02/27/18	06/30/38	400,000	31,525	30,525	29,525	28,525	27,525	26,525	25,725	24,925	24,325	23,725
CTF Hyannis West Elementary School Roof Truss System (2019-058)	Inside	02/26/19	06/30/39	850,000	71,550	69,300	67,050	64,800	62,550	60,300	53,050	51,050	49,850	48,650
CTF Barnstable High School Sports Field Upgrade (#2018-064)	Inside	02/26/19	06/30/34	4,600,000	453,600	433,100	417,850	402,600	387,350	372,100	356,850	341,600	332,450	323,300
CTF Barnstable High School Engineering Phase 2 Sports Field (#2019-093)	Inside	02/25/20	06/30/25	144,000	32,750	26,250	-	-	-	-	-	-	-	-
CTF Barnstable Public Schools Mechanical Upgrades (#2019-096)	Inside	02/25/20	06/30/40	250,000	22,475	21,725	20,975	20,225	19,475	18,725	17,975	12,375	12,075	11,775
CTF Barnstable Public Schools Environmental Lab (#2019-097)	Inside	02/25/20	06/30/40	222,000	21,025	15,275	14,775	14,275	13,775	13,275	12,775	12,375	12,075	11,775
CTF BPS & BIS Roof Top Ventilators (#2019-098)	Inside	02/25/20	06/30/40	1,500,000	118,313	114,563	110,813	107,063	103,313	99,563	95,813	92,813	90,563	88,313
CTF Centerville Elementary Ventilator (#2019-099)	Inside	02/25/20	06/30/40	500,000	39,438	38,188	36,938	35,688	34,438	33,188	31,938	30,938	30,188	29,438
CTF Hyannis West Elementary School Roof (#2019-101)	Inside	02/25/20	06/30/40	450,000	38,250	37,000	35,750	34,500	33,250	32,000	30,750	24,750	24,150	23,550
CTF Centerville Elementary Roof (#2019-102)	Inside	02/25/20	06/30/40	250,000	22,475	21,725	20,975	20,225	19,475	18,725	17,975	12,375	12,075	11,775
CTF Barnstable High School Sports Field Upgrades (#2019-211)	Inside	02/25/20	06/30/35	1,100,000	109,600	105,850	102,100	98,350	94,600	90,850	87,100	79,100	77,000	74,900
CTF School Building Improvements Refi 6/15/10	Inside	03/15/21	06/30/30	337,450	50,200	48,850	46,975	45,600	43,700	41,800	39,900	-	-	-
CTF School Improvement (I) Refi 6/15/11	Inside	03/15/21	06/30/26	133,250	30,500	29,175	28,350	-	-	-	-	-	-	-
CTF School Facilities Upgrades/Repairs II Refi 6/15/11	Inside	03/15/21	06/30/26	44,400	10,350	9,900	9,450	-	-	-	-	-	-	-
CTF School Facilities Upgrades/Repairs III Refi 6/15/11	Inside	03/15/21	06/30/26	44,400	10,350	9,900	9,450	-	-	-	-	-	-	-
CTF School Facilities Upgrades/Repairs V (I) Refi 6/15/11	Inside	03/15/21	06/30/31	358,750	50,840	49,490	48,115	46,215	39,315	37,665	36,515	34,840	-	-
CTF School District-Wide Communication, Surveillance, and Entry Improvements (#2020-	Inside	03/15/21	06/30/26	404,500	92,000	88,000	84,000	-	-	-	-	-	-	-
CTF Elementary School HVAC Chiller Replacement (#2020-084)	Inside	03/15/21	06/30/41	400,000	32,000	31,000	30,000	29,000	28,000	27,000	26,000	25,000	24,200	23,600
CTF BHS and BIS Rooftop Ventilator Replacement (I) (#2021-084)	Inside	03/15/22	03/15/42	3,205,000	278,400	270,400	262,400	256,000	248,000	240,000	232,000	224,000	216,000	209,600
CTF BHS and BIS Rooftop Ventilator Replacement (#2022-121)	Inside	03/15/23	03/15/43	4,156,984	403,188	394,950	384,450	373,950	363,450	352,950	342,450	331,950	321,450	310,950
School Window & Door Replacement (#2022-122)	Inside	03/15/23	03/15/38	1,000,000	95,956	94,500	92,000	89,500	87,000	84,500	82,000	79,500	77,000	74,500
BHS Tennis Court Replacement (2022-124)	Inside	03/15/23	03/15/38	1,039,516	124,701	117,600	114,100	110,600	107,100	103,600	100,100	96,600	93,100	89,600
Total Schools Interest & Principal					3,802,582	3,518,593	3,379,408	3,004,003	2,800,853	2,630,453	2,543,340	2,401,915	2,290,825	2,226,675

LAND ACQUISITION INTEREST & PRINCIPAL	-	Issue Date	Maturity Date	Original Amount	Pymts FY 2024	Pymts FY 2025	Pymts FY 2026	Pymts FY 2027	Pymts FY 2028	Pymts FY 2029	Pymts FY 2030	Pymts FY 2031	Pymts FY 2032	Pymts FY 2033
CTF Land Acquisition (I) - Hyannis Golf Course \$748,000 Refunded	Inside	02/17/15	02/15/26	325,200	35,520	34,240	32,960	-	-	-	-	-	-	-
CTF Land Acquisition - CAP \$365,200 Refunded	Inside	06/21/16	06/30/23	115,000	-	-	-	-	-	-	-	-	-	-
Total Land Acquisition Interest & Principal					35,520	34,240	32,960	-	-	-	-	-	-	-
PUBLIC WAYS INTEREST & PRINCIPAL	-	Issue Date	Maturity Date	Original Amount	Pymts FY 2024	Pymts FY 2025	Pymts FY 2026	Pymts FY 2027	Pymts FY 2028	Pymts FY 2029	Pymts FY 2030	Pymts FY 2031	Pymts FY 2032	Pymts FY 2033
CTF Advance Refund 6/15/2003 Drainage 1 (I)	Inside	04/18/12	09/15/22	193,200	-	-	-	-	-	-	-	-	-	-
CTF Private Road Repairs (I) \$633,000	Inside	11/22/13	11/15/23	633,000	60,750	-	-	-	-	-	-	-	-	-
CTF Sidewalk Overlays	Inside	11/22/13	11/15/23	190,000	15,188	-	-	-	-	-	-	-	-	-
CTF Bumps River Bridge Repair	Inside	11/22/13	11/15/23	120,000	10,125	-	-	-	-	-	-	-	-	-
CTF Guardrail Improvements (#2015-098)	Inside	02/25/16	06/30/36	170,000	16,800	16,200	15,600	-	-	-	-	-	-	-
CTF Sidewalk Improvements (#2015-098)	Inside	02/25/16	06/30/36	230,000	22,400	21,600	20,800	-	-	-	-	-	-	-
CTF Road Repairs (#2015-102)	Inside	02/25/16	06/30/31	518,000	43,319	41,919	40,519	39,119	38,419	37,544	31,800	30,900	-	-
CTF Road Repairs - Governor's Way (#2016-037)	Inside	02/25/16	06/30/31	304,000	24,925	24,125	23,325	22,525	22,125	21,625	21,200	20,600	-	-
CTF Private Road Repairs \$1,607,900	Inside	06/21/16	06/30/23	509,000	-	-	-	-	-	-	-	-	-	-
CTF Private Roads Repairs (I) \$167,300	Inside	02/23/17	06/30/31	167,300	13,000	12,600	12,200	11,800	11,400	11,000	10,600	10,300	-	-
CTF Guardrail & Sidewalk Improvement Program (I) (#2016-103)	Inside	02/23/17	06/30/32	680,750	59,850	58,050	56,250	54,450	52,650	50,850	49,050	47,700	46,350	-
CTF Guardrail & Sidewalk (I) (#2017-073)	Inside	02/27/18	06/30/33	287,000	27,950	26,950	25,950	24,950	23,950	22,950	22,150	16,350	15,900	15,450
CTF Sidewalk Improvements (#2019-125)	Inside	02/25/20	06/30/35	314,000	29,400	28,400	27,400	26,400	25,400	24,400	23,400	22,600	22,000	21,400
CTF Crosswalk Improvements (#2019-128)	Inside	02/25/20	06/30/35	113,100	13,350	12,850	12,350	11,850	6,350	6,100	5,850	5,650	5,500	5,350
CTF Baxter's Neck Road - Private Way Refi 6/15/11	Inside	03/15/21	06/30/26	138,338	20,175	19,800	18,900	-	-	-	-	-	-	-
CTF Bumps River Bridge Repair (#2019-124)	Inside	03/15/21	06/30/41	900,000	72,000	69,750	67,500	65,250	63,000	60,750	58,500	56,250	54,450	53,100
CTF Public Bridge Maintenance and Repairs (I) (#2021-111)	Inside	03/15/22	03/15/32	500,000	71,500	69,000	66,500	64,500	62,000	59,500	57,000	54,500	52,000	-
CTF Emergency Generator Implementation Plan (I) (#2021-112)	Inside	03/15/22	03/15/32	615,250	91,300	88,050	79,800	77,400	74,400	71,400	68,400	65,400	62,400	-
Ocean St. Sidewalks & Kalmus Beach Entrance (2022-103)	Inside	03/15/23	03/15/38	2,950,000	342,316	335,550	325,550	315,550	305,550	290,550	280,800	271,050	261,300	251,550
Total Public Ways Interest & Principal					934,347	824,844	792,644	713,794	685,244	656,669	628,750	601,300	519,900	346,850

WATERWAYS INTEREST & PRINCIPAL															
		Issue Date	Maturity Date	Original Amount	Pymts FY 2024	Pymts FY 2025	Pymts FY 2026	Pymts FY 2027	Pymts FY 2028	Pymts FY 2029	Pymts FY 2030	Pymts FY 2031	Pymts FY 2032	Pymts FY 2033	
CTF East Bay Dredging	Inside	11/22/13	11/15/23	600,000	60,750	-	-	-	-	-	-	-	-	-	
CTF Hyannis Harbor Bulkhead Construction	Inside	11/22/13	11/15/23	142,000	10,125	-	-	-	-	-	-	-	-	-	
CTF Millway Boat Ramp & Dock Upgrades	Inside	11/22/13	11/15/23	133,000	10,125	-	-	-	-	-	-	-	-	-	
CTF Marstons Mills Fish Run Reconstruction	Inside	02/17/15	02/15/30	326,000	24,425	23,625	22,825	22,225	21,625	21,125	20,600	-	-	-	
CTF Pleasant St. Dock - 1 \$350,000 Refunded	Inside	06/21/16	06/30/23	109,500	-	-	-	-	-	-	-	-	-	-	
CTF Pleasant St. Dock - 2 \$350,000 Refunded	Inside	06/21/16	06/30/23	110,000	-	-	-	-	-	-	-	-	-	-	
CTF Boat Ramps - CAP \$927,000 Refunded	Inside	06/21/16	06/30/23	290,000	-	-	-	-	-	-	-	-	-	-	
CTF Paving: Bay Street Boat Ramp (#2015-099)	Inside	02/25/16	06/30/26	142,000	16,400	10,800	10,400	-	-	-	-	-	-	-	
CTF Channel Dredging- Barnstable Harbor (#2016-035)	Inside	02/25/16	06/30/26	490,000	55,600	48,600	46,800	-	-	-	-	-	-	-	
CTF Blish Point Boat Access Channel Dredging (I) (#2016-111)	Inside	02/23/17	06/30/37	943,900	72,506	70,506	63,506	61,706	59,906	58,106	56,306	54,956	53,606	52,256	
CTF Dredging Refi 6/15/10	Inside	03/15/21	06/30/24	78,800	24,150	-	-	-	-	-	-	-	-	-	
CTF Prince Cove/Hayward Rd. Boat Ramp Refi 6/15/11	Inside	03/15/21	06/30/26	177,650	40,850	39,075	37,800	-	-	-	-	-	-	-	
CTF Channel Dredging - (#2019-119)	Inside	03/15/21	06/30/41	406,000	32,000	31,000	30,000	29,000	28,000	27,000	26,000	25,000	24,200	23,600	
CTF Patrol Vessel Replacement (I) (#2021-103)	Inside	03/15/22	03/15/32	310,000	48,150	41,400	39,900	38,700	37,200	35,700	34,200	32,700	31,200	-	
CTF Channel Dredging (2020-108)	Inside	03/15/23	03/15/38	1,057,000	127,991	118,300	114,800	111,300	107,800	104,300	100,800	97,300	93,800	90,300	
Total Waterways Interest & Principal					523,072	383,306	366,031	262,931	254,531	246,231	237,906	209,956	202,806	166,156	
WATER QUALITY INTEREST & PRINCIPAL															
		Issue Date	Maturity Date	Original Amount	Pymts FY 2024	Pymts FY 2025	Pymts FY 2026	Pymts FY 2027	Pymts FY 2028	Pymts FY 2029	Pymts FY 2030	Pymts FY 2031	Pymts FY 2032	Pymts FY 2033	
CTF Advance Refund 6/15/2003 Drainage 2 (I)	Inside	04/18/12	09/15/22	96,700	-	-	-	-	-	-	-	-	-	-	
CTF Water Quality Evaluation	Outside	11/22/13	11/15/23	230,000	20,250	-	-	-	-	-	-	-	-	-	
CTF Hamblin Pond Alum Treatment (#2015-112)	Inside	02/25/16	06/30/31	300,000	24,925	24,125	23,325	22,525	22,125	21,625	21,200	20,600	-	-	
CTF Lake Treatment Refi 6/15/10	Inside	03/15/21	06/30/25	54,350	14,875	14,700	-	-	-	-	-	-	-	-	
CTF Stormwater Improvements - Impaired Ponds (#2020-110)	Inside	03/15/21	06/30/41	300,000	24,000	23,250	22,500	21,750	21,000	20,250	19,500	18,750	18,150	17,700	
CTF Stormwater Improvements - Impaired Ponds (#2021-110)	Inside	03/15/22	03/15/32	325,000	48,850	47,100	45,350	43,950	37,200	35,700	34,200	32,700	31,200	-	
Total Water Quality Interest & Principal					132,900	109,175	91,175	88,225	80,325	77,575	74,900	72,050	49,350	17,700	

AIRPORT INTEREST & PRINCIPAL														
		Issue Date	Maturity Date	Original Amount	Pymts FY 2024	Pymts FY 2025	Pymts FY 2026	Pymts FY 2027	Pymts FY 2028	Pymts FY 2029	Pymts FY 2030	Pymts FY 2031	Pymts FY 2032	Pymts FY 2033
Airport Terminal Ramp Construction - Phase 2 (O) (#2013-0101)	Outside	02/23/17	06/30/37	428,000	31,613	30,813	30,013	29,213	28,413	32,613	31,613	30,863	30,113	29,363
Airport New Fuel Farm (I) (#2013-102)	Inside	02/23/17	06/30/36	634,500	46,675	45,475	44,275	48,075	46,675	45,275	43,875	47,825	46,625	45,425
Airport East Ramp Design & Construction (O) (#2014-053)	Outside	02/23/17	06/30/37	641,200	47,169	45,969	44,769	43,569	42,369	46,169	44,769	43,719	42,669	46,619
Runway Reconstruction & Generator Replacement	Outside	02/26/19	06/30/39	355,500	31,144	30,144	29,144	28,144	27,144	26,144	25,144	19,144	18,694	18,244
Airfield Improvements	Outside	02/26/19	06/30/31	59,700	6,900	6,650	6,400	6,150	5,900	5,650	5,400	5,150	-	-
Total Airport Fund Bonds					163,500	159,050	154,600	155,150	150,500	155,850	150,800	146,700	138,100	139,650
GOLF COURSE INTEREST & PRINCIPAL														
		Issue Date	Maturity Date	Original Amount	Pymts FY 2024	Pymts FY 2025	Pymts FY 2026	Pymts FY 2027	Pymts FY 2028	Pymts FY 2029	Pymts FY 2030	Pymts FY 2031	Pymts FY 2032	Pymts FY 2033
Hyannis Golf Course Acquisition \$3,900,000 Refunded	Inside	02/17/15	02/15/25	1,951,500	291,960	290,160	-	-	-	-	-	-	-	-
Olde Barnstable Building Improvements (#2015-105)	Inside	02/25/16	06/30/26	174,000	22,400	21,600	20,800	-	-	-	-	-	-	-
Hyannis Building Improvements (#2015-106)	Inside	02/25/16	06/30/26	140,000	16,800	16,200	15,600	-	-	-	-	-	-	-
Olde Barnstable Fairgrounds Golf Course (I) (#2016-107)	Inside	02/23/17	06/30/37	245,000	20,513	19,913	19,313	13,713	13,313	12,913	12,513	12,213	11,913	11,613
Hyannis Golf Course Improvements (I) (#2016-108)	Inside	02/23/17	06/30/37	292,700	21,875	21,275	20,675	20,075	19,475	18,875	18,275	17,825	17,375	16,925
Hyannis Golf Course Turf Maintenance (I) (#2017-085)	Inside	02/27/18	06/30/23	310,000	-	-	-	-	-	-	-	-	-	-
Olde Barnstable Turf Maintenance Equipment Replacement (I) (#2021-096)	Inside	03/15/22	03/15/32	467,179	65,150	52,900	51,150	49,750	68,000	65,250	62,500	59,750	52,000	-
Hyannis Golf Course Cart Path System (2019-118)	Inside	03/15/23	03/15/38	317,500	42,827	39,300	38,050	31,800	30,800	29,800	28,800	27,800	26,800	25,800
Total Golf Course					481,524	461,348	165,588	115,338	131,588	126,838	122,088	117,588	108,088	54,338
WATER POLLUTION CONTROL INTEREST & PRINCIPAL														
		Issue Date	Maturity Date	Original Amount	Pymts FY 2024	Pymts FY 2025	Pymts FY 2026	Pymts FY 2027	Pymts FY 2028	Pymts FY 2029	Pymts FY 2030	Pymts FY 2031	Pymts FY 2032	Pymts FY 2033
Shallow Well Injection - CW-00-60 - Pool 8	Inside	08/25/04	08/01/22	436,370	-	-	-	-	-	-	-	-	-	-
Shallow Well Injection - CW-00-60 - Pool 8 (Subsidy)	Inside	08/25/04	08/01/22	(subsidy)	-	-	-	-	-	-	-	-	-	-
Sewer 98-44A	Inside	07/14/06	08/01/23	1,582,178	115,000	-	-	-	-	-	-	-	-	-
Sewer 98-44A (Subsidy)	Inside	07/14/06	08/01/23	(subsidy)	(34,430)	-	-	-	-	-	-	-	-	-
Sewer 98-49A	Inside	12/14/06	08/01/23	556,458	40,000	-	-	-	-	-	-	-	-	-
Sewer 98-49A (Subsidy)	Inside	12/14/06	08/01/23	(subsidy)	(12,096)	-	-	-	-	-	-	-	-	-
MWPAT CW-04-35	Outside	12/15/09	07/15/27	4,938,114	326,668	326,668	326,668	326,668	326,668	-	-	-	-	-
Sewer 05-28 Restructured	Outside	03/15/11	07/15/28	629,403	41,637	41,637	41,637	41,637	41,637	41,636	-	-	-	-
Sewer CW-04-35A Pool 13	Inside	06/06/12	07/15/27	1,469,137	107,247	107,234	107,221	107,207	107,193	-	-	-	-	-
Rehab Clarifiers (#2015-091)	Inside	06/21/16	06/30/28	251,000	33,200	27,000	26,500	26,000	25,500	-	-	-	-	-
Pump Station/Sewer Main Const (#2009-132)	Outside	02/25/16	06/30/36	1,000,000	69,813	67,813	65,813	63,813	62,813	61,563	60,500	59,000	57,500	56,000
Wastewater Treatment Plant Clarifiers Rehab (O) (#2016-097)	Outside	02/23/17	06/30/37	1,146,000	87,619	85,219	82,819	75,419	73,219	71,019	68,819	67,169	65,519	63,869
Wastewater Treatment Plant Backup Generator (O) (#2016-098)	Outside	02/23/17	06/30/37	862,000	65,850	64,050	62,250	60,450	58,650	56,850	50,050	48,850	47,650	46,450
Sewer System Evaluation Surveys (#2019-131)	Inside	02/25/20	06/30/25	343,500	76,750	68,250	-	-	-	-	-	-	-	-
Rendezvous Lane Pump Station Replacement (#2019-132)	Outside	03/15/21	06/30/41	1,160,000	95,200	92,200	89,200	86,200	83,200	80,200	77,200	74,200	71,800	70,000
Pump Station Rehabilitation (#2020-175)	Outside	03/15/21	06/30/29	40,300	6,500	6,250	6,000	5,750	5,500	5,250	-	-	-	-
720 Main Street Sewer Pump Station Replacement (#2021-125)	Inside	03/15/22	03/15/26	23,500	5,700	5,450	5,200	-	-	-	-	-	-	-
Water Pollution Control Facility Improvements (2022-088)	Inside	03/15/23	03/15/43	240,000	31,147	25,400	24,650	23,900	23,150	22,400	21,650	15,900	15,400	14,900
Sewer System Rehab Infiltration & Inflow	Inside	03/15/23	03/15/43	760,000	75,102	73,900	71,900	69,900	67,900	65,900	63,900	61,900	59,900	57,900
Pump Station Improvements (2020-175) CWP-20-18	Inside	11/21/23	01/15/44	576,776	-	34,492	33,236	33,276	33,318	33,360	33,403	33,447	33,490	33,536
Solids Handling Upgrades (2021-009) CWP-20-43	Inside	11/21/23	01/15/54	7,346,134	-	328,493	310,069	310,385	310,705	311,032	311,366	311,704	312,051	312,402
Solids Handling Upgrades (2021-009) CWP-20-43-A	Inside	11/21/23	01/15/54	765,864	-	34,247	32,326	32,359	32,392	32,426	32,461	32,497	32,533	32,570
Total Water Pollution Control Enterprise Fund					1,130,905	1,388,301	1,285,488	1,262,963	1,251,844	781,636	719,348	704,667	695,842	687,627
SOLID WASTE INTEREST & PRINCIPAL														
		Issue Date	Maturity Date	Original Amount	Pymts FY 2024	Pymts FY 2025	Pymts FY 2026	Pymts FY 2027	Pymts FY 2028	Pymts FY 2029	Pymts FY 2030	Pymts FY 2031	Pymts FY 2032	Pymts FY 2033
Advance Refund 6/15/2003 Transfer Station Improvements	Outside	04/18/12	09/15/22	241,500	-	-	-	-	-	-	-	-	-	-
Solid Waste Facility (I) \$630,000 Refunded	Inside	02/17/15	02/15/27	284,900	31,920	30,800	29,680	28,840	-	-	-	-	-	-
Total Solid Waste Fund					31,920	30,800	29,680	28,840	-	-	-	-	-	-

WATER SUPPLY INTEREST & PRINCIPAL		Issue Date	Maturity Date	Original Amount	Pymts FY 2024	Pymts FY 2025	Pymts FY 2026	Pymts FY 2027	Pymts FY 2028	Pymts FY 2029	Pymts FY 2030	Pymts FY 2031	Pymts FY 2032	Pymts FY 2033
MWPAT DWS-09-02	Outside	07/08/10	07/15/30	2,788,911	169,184	169,185	169,184	169,184	169,184	169,184	169,184	169,184	-	-
DWP-11-10 Series 17A	Outside	05/22/13	01/15/33	560,761	34,332	34,382	34,431	34,482	34,534	34,587	34,641	34,698	34,754	34,812
Water Co. (Level Debt) (O) \$10,000,000 Refunded	Outside	02/17/15	02/15/27	5,704,800	691,870	689,750	692,750	692,160	-	-	-	-	-	-
Water Main Loop	Outside	02/17/15	02/15/35	540,000	39,338	38,138	36,938	36,038	35,138	34,388	23,600	23,000	22,400	21,800
DW-09-02 Series 16	Outside	05/14/15	07/15/32	533,117	35,256	35,300	35,346	35,391	35,439	35,487	35,536	35,586	35,637	35,689
DWP-11-09 Series 17A	Outside	05/14/15	01/15/33	793,438	52,904	52,980	53,057	53,135	53,215	53,298	53,381	53,466	53,553	53,643
Pipe Replacement Upgrade FY17 (#2015-085)	Outside	02/25/16	06/30/36	900,000	62,831	61,031	59,231	57,431	55,631	55,406	54,450	53,100	51,750	50,400
Hyannis Water System Pipe Replacement (O) (#2016-093)	Outside	02/23/17	06/30/37	858,400	65,650	63,850	62,050	60,250	58,450	51,650	50,050	48,850	47,650	46,450
DWP-14-09 Mass Clean Water Trust (#2014-071, 2013-085, 2013-088)	Outside	04/13/17	07/15/37	1,467,339	89,354	89,471	89,591	89,713	89,838	89,966	90,096	90,229	90,366	90,505
Well Reactivation (O) (#2017-080)	Outside	02/27/18	06/30/38	276,000	22,863	22,113	21,363	20,613	19,863	19,113	18,513	17,913	17,463	17,013
Water Pipe Replacement (O) (#2017-081)	Outside	02/27/18	06/30/38	468,000	38,325	37,075	35,825	34,575	33,325	32,075	31,075	30,075	29,325	28,725
Mary Dunn Water Storage Tank Site Work (O) (#2017-083)	Outside	02/27/18	06/30/38	600,500	47,288	45,788	44,288	42,788	41,288	39,788	38,588	37,388	36,488	35,588
Water Carbon Filter Units (O) (#2017-079)	Outside	02/27/18	06/30/38	440,000	55,750	53,500	51,250	49,000	47,000	42,000	-	-	-	-
Pipe Replacement Upgrade FY19 (#2018-081)	Outside	02/26/19	06/30/39	1,050,000	87,813	85,063	82,313	79,563	76,813	74,063	66,313	63,813	62,313	60,813
Carbon Treatment System Construction at Maher Wellfield (2017-099)	Outside	02/26/19	06/30/28	318,500	43,750	42,000	40,250	38,500	36,750	-	-	-	-	-
Well Exploration Program (2013-087)	Outside	02/26/19	06/30/28	489,500	68,250	65,500	62,750	55,000	52,500	-	-	-	-	-
MCWT Series 19 DWP-13-01 Reamortization	Outside	04/11/19	07/15/36	1,736,865	120,898	121,059	121,225	121,394	121,566	121,742	121,922	122,106	122,294	122,486
Water Pipe Replacement (#2019-135)	Outside	02/25/20	06/30/40	950,500	77,688	75,188	72,688	70,188	67,688	65,188	62,688	55,688	54,388	52,988
MCWT Bonds; Series 21 DWP-16-17 (#2014-073, 2016-146, 2016-163 & 2017-010)	Outside	09/25/20	06/30/39	2,428,471	159,479	159,656	159,837	160,021	160,209	160,403	160,599	160,800	161,006	161,216
New Well Exploration Program (#2018-083)	Outside	03/15/21	06/30/41	314,500	24,000	23,250	22,500	21,750	21,000	20,250	19,500	18,750	18,150	17,700
CTF 50% Water Infrastructure Construction (#2019-212)	Outside	03/15/21	06/30/41	1,000,000	80,000	77,500	75,000	72,500	70,000	67,500	65,000	62,500	60,500	59,000
Pipe Replacement & Upgrades (#2020-120)	Outside	03/15/21	06/30/41	750,000	62,950	60,950	58,950	56,950	54,950	52,950	50,950	48,950	42,350	41,300
MCWT DWP-18-10 (#2017-099, 2018-173)	Outside	05/11/21	01/15/46	9,754,852	201,689	195,000	188,151	181,139	173,960	166,611	159,087	151,384	143,498	135,424
MCWT DWP-19-28 (#2019-215)	Outside	05/11/21	01/15/41	2,642,303	-	-	-	-	-	-	-	-	-	-
Water Pipe Replacement and Upgrades (O) (#2021-119)	Outside	03/15/22	03/15/42	946,000	85,250	82,750	80,250	78,250	75,750	73,250	70,750	68,250	60,750	58,950
Water Pipe Replacement (2022-092)	Outside	03/15/23	03/15/43	1,000,000	103,400	101,750	99,000	96,250	93,500	90,750	88,000	85,250	82,500	79,750
Ocean St Water Main Looping (2022-094)	Outside	03/15/23	03/15/43	353,000	39,378	35,600	34,600	33,600	32,600	31,600	30,600	29,600	28,600	27,600
Total Water Enterprise Fund					2,559,490	2,517,825	2,482,815	2,434,863	1,706,089	1,539,246	1,494,521	1,460,577	1,250,681	1,226,849
MARINA INTEREST & PRINCIPAL		Issue Date	Maturity Date	Original Amount	Pymts FY 2024	Pymts FY 2025	Pymts FY 2026	Pymts FY 2027	Pymts FY 2028	Pymts FY 2029	Pymts FY 2030	Pymts FY 2031	Pymts FY 2032	Pymts FY 2033
Advance Refund 6/14/2004 Prince Cove Marina Acquisition	Inside	04/18/12	09/15/22	864,000	-	-	-	-	-	-	-	-	-	-
Gateway Marina Dredging (#2015-108)	Inside	02/25/16	06/30/26	280,000	28,000	27,000	26,000	-	-	-	-	-	-	-
Prince Cover Marina Bulkhead (#2015-109)	Inside	02/25/16	06/30/36	570,000	40,988	39,788	38,588	37,388	36,788	36,038	35,400	29,500	28,750	28,000
Gateway Marina Maintenance Dredging (I) (#2016-109)	Inside	02/23/17	06/30/37	476,500	36,475	35,475	34,475	33,475	32,475	31,475	30,475	29,275	28,975	23,225
CTF Marina Bulkhead Repair I Refi 6/15/11	Inside	03/15/21	06/30/30	271,950	38,725	37,800	36,350	35,400	33,925	32,450	30,975	-	-	-
Marina Bulkhead Repair II Refi 6/15/11	Inside	03/15/21	06/30/30	243,800	33,775	32,575	31,875	31,175	30,475	29,775	29,075	-	-	-
Marina Bismore Park Bulkhead Imp. Design (I) (#2021-101)	Inside	03/15/22	03/15/27	184,000	41,650	39,900	38,150	36,750	-	-	-	-	-	-
Total Marina Enterprise Fund					219,613	212,538	205,438	178,663	137,363	132,663	133,075	59,225	57,725	51,225
SANDY NECK INTEREST & PRINCIPAL		Issue Date	Maturity Date	Original Amount	Pymts FY 2024	Pymts FY 2025	Pymts FY 2026	Pymts FY 2027	Pymts FY 2028	Pymts FY 2029	Pymts FY 2030	Pymts FY 2031	Pymts FY 2032	Pymts FY 2033
Sandy Neck Beach House I Refi 6/15/11	Inside	03/15/21	06/30/31	470,600	58,690	56,190	55,715	64,665	62,065	58,965	59,890	55,640	-	-
Sandy Neck Beach House II Refi 6/15/11	Inside	03/15/21	06/30/26	26,250	4,900	5,200	9,975	-	-	-	-	-	-	-
Sandy Neck Beach House III Refi 6/15/11	Inside	03/15/21	06/30/31	98,350	11,495	11,120	10,745	10,870	15,470	14,820	14,170	13,520	-	-
Total Sandy Neck Enterprise Fund					75,085	72,510	76,435	75,535	77,535	73,785	74,060	69,160	-	-
HYCC INTEREST & PRINCIPAL		Issue Date	Maturity Date	Original Amount	Pymts FY 2024	Pymts FY 2025	Pymts FY 2026	Pymts FY 2027	Pymts FY 2028	Pymts FY 2029	Pymts FY 2030	Pymts FY 2031	Pymts FY 2032	Pymts FY 2033
CTF HYCC 1 (I) \$1,000,000 Refunded	Inside	02/17/15	02/15/27	474,900	53,550	51,670	49,790	47,380	-	-	-	-	-	-
CTF HYCC 2 (I) \$8,000,000 Refunded	Inside	02/17/15	02/15/27	3,794,400	430,450	413,330	396,290	380,070	-	-	-	-	-	-
CTF HYCC 3 (I) \$1,600,000 Refunded	Inside	02/17/15	02/15/27	759,000	86,510	82,470	79,470	76,220	-	-	-	-	-	-
CTF HYCC 4 (I) \$6,765,000 Refunded	Inside	06/21/16	06/30/28	3,320,000	374,200	360,800	344,100	332,600	316,200	-	-	-	-	-
CTF HYCC Roof, HVAC, and Parking & Security (#2019-115)	Inside	02/25/20	06/30/40	679,000	54,675	52,925	51,175	49,425	47,675	45,925	44,175	42,775	41,725	40,675
CTF HYCC Facility Improvements (#2020-103)	Inside	03/15/21	06/30/41	674,700	60,450	58,450	51,450	49,700	47,950	46,200	44,450	42,700	36,300	35,400
CTF HYCC Facility Improvements (I) (#2021-106)	Inside	03/15/22	03/15/42	1,484,000	129,900	126,150	122,400	119,400	115,650	111,900	108,150	104,400	100,650	97,650
CTF HYCC Mechanical Improvements (2022-111)	Inside	03/15/23	03/15/43	1,626,000	160,800	157,200	152,950	148,700	144,450	135,200	131,200	127,200	123,200	119,200
Total HYCC Enterprise Fund					1,350,535	1,302,995	1,247,625	1,203,495	671,925	339,225	327,975	317,075	301,875	292,925

ROAD BETTERMENT REVOLVING FUND INTEREST & PRINCIPAL															
		Issue Date	Maturity Date	Original Amount	Pymts FY 2024	Pymts FY 2025	Pymts FY 2026	Pymts FY 2027	Pymts FY 2028	Pymts FY 2029	Pymts FY 2030	Pymts FY 2031	Pymts FY 2032	Pymts FY 2033	
Gleneagle Drive Private Road Repairs (#2019-197)	Inside	02/25/20	06/30/30	675,000	92,600	89,100	80,600	77,350	74,100	70,850	67,600	-	-	-	
Crosby Circle Private Road Repairs (#2017-148)	Inside	02/25/21	06/30/30	44,000	5,700	5,600	5,500	5,400	5,300	5,200	5,100	-	-	-	
Pine Ridge & Waquoit Private Road (#2017-149)	Inside	02/25/21	06/30/33	113,200	11,720	11,520	11,320	11,120	10,920	10,720	10,520	10,320	10,200	5,070	
Woodland Avenue Private Road Repair (#2017-150)	Inside	02/25/21	06/30/33	71,900	5,895	5,795	5,695	5,595	5,495	5,395	5,295	5,195	5,135	5,070	
Bunker Hill Private Road Repair (#2017-168)	Inside	02/25/21	06/30/33	296,450	29,405	28,905	28,405	27,905	27,405	26,905	26,405	25,905	25,605	20,280	
Beach Plum & Smoke Valley Private Road (#2017-169)	Inside	02/25/21	06/30/33	447,600	46,665	45,865	45,065	44,265	43,465	42,665	41,865	41,065	40,265	35,490	
Ice Valley & Fox Island Private Road (#2017-170)	Inside	02/25/21	06/30/33	512,300	52,660	51,760	50,860	49,960	49,060	48,160	47,260	46,360	45,460	40,560	
Locust Lane Private Road (#2018-140)	Inside	02/25/21	06/30/29	38,750	5,600	5,500	5,400	5,300	5,200	5,100	-	-	-	-	
Multiple Temporary Private Road (#2018-151)	Inside	02/25/21	06/30/34	335,300	34,975	29,375	28,875	28,375	27,875	27,375	26,875	26,375	26,075	25,750	
Laura Road Private Road #2018-167	Inside	02/25/21	06/30/26	28,500	5,300	5,200	5,100	-	-	-	-	-	-	-	
Wheeler Road Private Road (#2020-045)	Inside	02/25/21	06/30/36	510,650	42,785	42,085	41,385	40,685	39,985	39,285	38,585	37,885	37,465	37,010	
Goodview Way Private Road (#2020-080)	Inside	02/25/21	06/30/36	218,850	18,325	18,025	17,725	17,425	17,125	16,825	16,525	16,225	16,045	15,850	
Nyes Neck Private Road (#2020-189)	Inside	02/25/21	06/30/36	127,500	11,895	11,695	11,495	11,295	11,095	10,895	10,695	10,495	5,375	5,310	
Total Road Betterment Revolving Fund					363,525	350,425	337,425	324,675	312,025	299,475	287,025	210,325	202,925	190,390	
COMMUNITY PRESERVATION FUND INTEREST & PRINCIPAL															
		Issue Date	Maturity Date	Original Amount	Pymts FY 2024	Pymts FY 2025	Pymts FY 2026	Pymts FY 2027	Pymts FY 2028	Pymts FY 2029	Pymts FY 2030	Pymts FY 2031	Pymts FY 2032	Pymts FY 2033	
Advance Refund 6/15/2003 Landbank Acquisitions	Inside	04/18/12	09/15/22	964,600	-	-	-	-	-	-	-	-	-	-	
Advance Refund 6/15/2004 Landbank Acquisitions 3	Inside	04/18/12	09/15/22	5,385,600	-	-	-	-	-	-	-	-	-	-	
Advance Refund 6/15/2004 Landbank Acquisitions 2	Inside	04/18/12	09/15/22	227,300	-	-	-	-	-	-	-	-	-	-	
Land Acquisition - 2004-105 Bone Hill \$200k Refunded	Inside	02/17/15	02/15/25	90,850	9,720	9,360	-	-	-	-	-	-	-	-	
Land Acquisition - 06-15-05 - 2004-106 \$180k Refunded	Inside	02/17/15	02/15/25	73,600	4,320	4,160	-	-	-	-	-	-	-	-	
Land Acquisition - Hyannis Golf \$5,500,000 Refunded	Inside	02/17/15	02/15/25	2,496,300	266,700	255,320	-	-	-	-	-	-	-	-	
Land Acquisition - Archibald \$500,000 Refunded	Inside	02/17/15	02/15/26	212,100	25,530	24,610	23,690	-	-	-	-	-	-	-	
Town Hall Renovations Ref 6/15/10	Inside	03/15/21	06/30/30	487,550	72,525	70,350	67,650	65,450	62,725	60,500	57,750	-	-	-	
Total Community Preservation Fund					378,795	363,800	91,340	65,450	62,725	60,500	57,750	-	-	-	
TITLE V FUND INTEREST & PRINCIPAL															
		Issue Date	Maturity Date	Original Amount	Pymts FY 2024	Pymts FY 2025	Pymts FY 2026	Pymts FY 2027	Pymts FY 2028	Pymts FY 2029	Pymts FY 2030	Pymts FY 2031	Pymts FY 2032	Pymts FY 2033	
Title V - Phase I - 97-1131 Series 6	Outside	07/01/04	08/01/22	190,580	-	-	-	-	-	-	-	-	-	-	
Title V - Phase I - 97-1131 Series 6 (Subsidy)	Outside	07/01/04	08/01/22	(subsidy)	-	-	-	-	-	-	-	-	-	-	
Title V - Phase III - Pool 11 T5-97-1131-2	Outside	10/31/05	07/15/25	200,000	10,000	10,000	10,000	-	-	-	-	-	-	-	
Title V - Phase IV - Pool 11 T5-97-1131-3	Outside	10/31/05	07/15/25	200,000	10,000	10,000	10,000	-	-	-	-	-	-	-	
Title V - Phase V - Pool 12 97-1131-4D	Outside	12/14/06	07/15/26	200,000	10,000	10,000	10,000	10,000	-	-	-	-	-	-	
Total Title V					30,000	30,000	30,000	10,000	-	-	-	-	-	-	
SEWER CONSTRUCTION & PRIVATE WAY MAINT. IMP. FUND INTEREST & PRINCIPAL															
		Issue Date	Maturity Date	Original Amount	Pymts FY 2024	Pymts FY 2025	Pymts FY 2026	Pymts FY 2027	Pymts FY 2028	Pymts FY 2029	Pymts FY 2030	Pymts FY 2031	Pymts FY 2032	Pymts FY 2033	
MWPAT CWS-09-07	Inside	07/08/10	07/15/30	3,285,646	199,318	199,318	199,318	199,318	199,318	199,318	199,318	199,318	-	-	
Sewer CWS-09-07-A Series 16	Inside	05/14/15	07/15/32	4,592,367	303,701	304,082	304,471	304,868	305,273	305,688	306,111	306,544	306,986	307,438	
310 Main Street, Barnstable (Centerville) Acquisition (#2020-025)	Inside	02/25/20	06/30/40	549,000	45,938	44,438	42,938	41,438	39,938	38,438	31,938	30,938	30,188	29,438	
1456 Falmouth Road, Route 28, Barnstable (Centerville) Acquisition (#2020-026)	Inside	02/25/20	06/30/40	283,900	23,225	22,475	21,725	20,975	20,225	19,475	18,725	18,125	17,675	17,225	
RT 28 East Sewer Expansion Pump Station, Roadway & Utility Work (#2020-030)	Outside	03/15/21	06/30/41	800,000	64,000	62,000	60,000	58,000	56,000	54,000	52,000	50,000	48,400	47,200	
Strawberry Hill Rd Sewer Expansion (2019-213) CWP-20-23	Inside	11/21/03	01/15/54	9,456,935	-	422,956	399,235	399,641	400,055	400,475	400,904	401,341	401,786	402,239	
Strawberry Hill Rd Sewer Expansion (2019-213) CWP-20-23-A	Inside	11/21/03	01/15/54	338,450	-	15,135	14,286	14,300	14,315	14,330	14,345	14,361	14,376	14,393	
Rt. 28/Yarmouth Rd. Intersection (2020-002) CWP-20-24	Inside	11/21/23	01/15/44	1,241,484	-	74,245	71,538	71,626	71,715	71,807	71,898	71,993	72,088	72,185	
Rt. 28 East Sewer Expansion (2021-180) CWP-21-49	Inside	11/21/23	01/15/54	12,236,623	-	547,178	516,490	517,015	517,550	518,094	518,649	519,214	519,789	520,375	
Rt. 28 East Sewer Expansion (2021-180) CWP-21-49-A	Inside	11/21/23	01/15/54	908,504	-	40,625	38,347	38,386	38,426	38,466	38,507	38,549	38,592	38,635	
Total Sewer Construction & Private Way Maintenance and Improvement Fund					636,182	1,732,452	1,668,347	1,665,567	1,662,814	1,660,090	1,652,395	1,650,382	1,449,880	1,449,127	
TOTAL ENTERPRISE FUND AND OTHER FUND BOND OBLIGATIONS					7,421,073	8,622,044	7,774,780	7,520,538	6,164,407	5,169,306	5,019,036	4,735,698	4,205,116	4,092,130	
GRAND TOTAL TOWN OF BARNSTABLE BOND OBLIGATIONS					14,645,960	14,871,554	13,753,175	12,853,408	11,036,772	9,761,821	9,438,595	8,877,857	8,075,185	7,625,249	

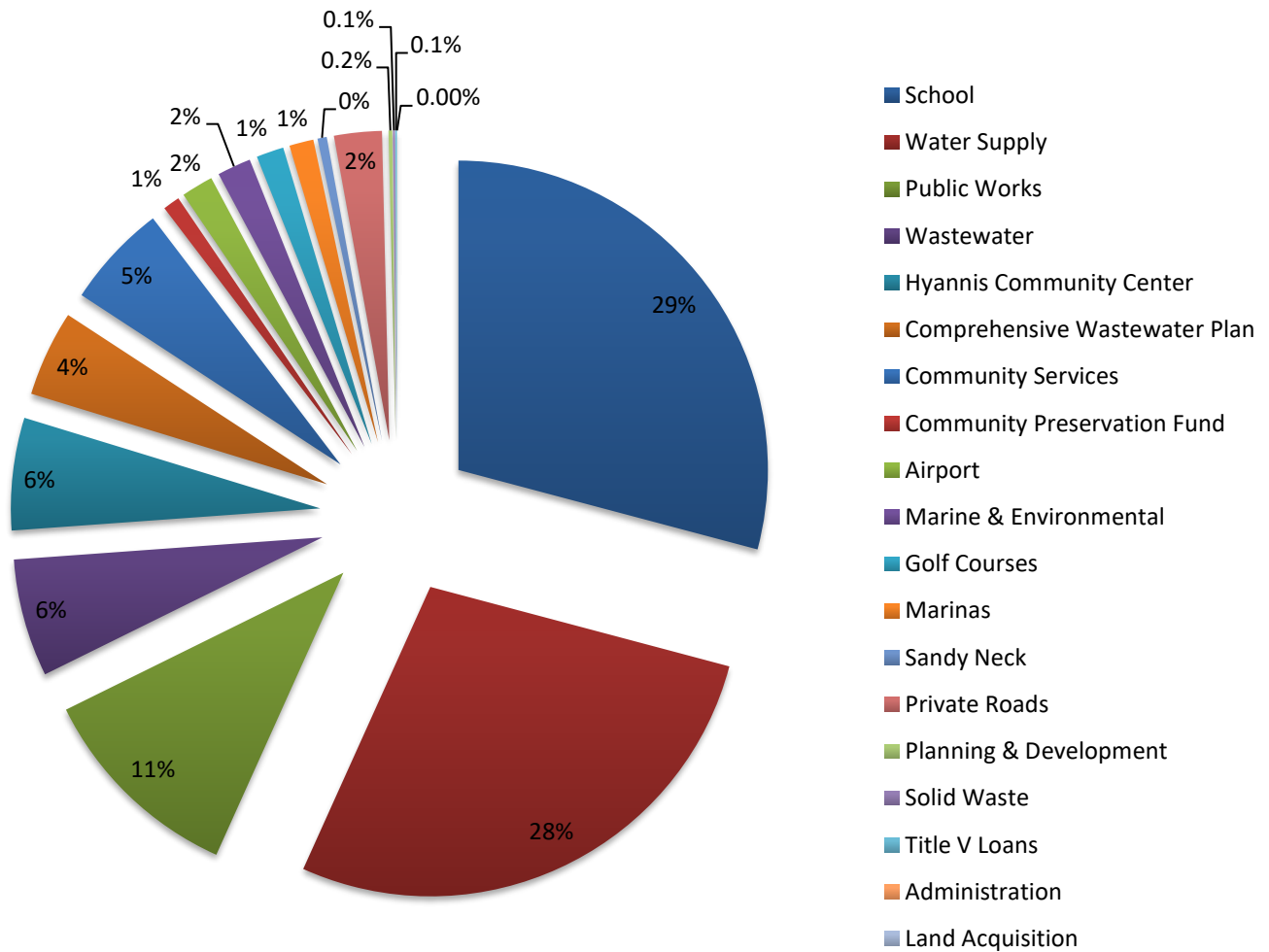
SCHOOLS INTEREST & PRINCIPAL		Issue Date	Maturity Date	Original Amount	Pymts FY 2034	Pymts FY 2035	Pymts FY 2036	Pymts FY 2037	Pymts FY 2038	Pymts FY 2039	Pymts FY 2040	Pymts FY 2041	Pymts FY 2042	Pymts FY 2043
CTF Early Learning Center Modular Facility	Inside	02/17/15	02/15/35	2,000,000	106,000	103,000	-	-	-	-	-	-	-	-
CTF Elementary School Modular Classroom (#2015-115)	Inside	02/25/16	06/30/36	3,720,000	201,650	196,100	190,550	-	-	-	-	-	-	-
CTF BIS Façade & Roof Improvements (#2015-116)	Inside	02/25/16	06/30/36	3,353,000	179,850	174,900	169,950	-	-	-	-	-	-	-
CTF Horace Mann Roof (I) (#2016-081)	Inside	02/27/18	06/30/38	2,350,000	132,969	129,519	126,069	122,475	118,738	-	-	-	-	-
CTF Barnstable High School Learning Center (I) (#2017-063)	Inside	02/27/18	06/30/38	2,968,500	167,656	163,306	158,956	154,425	149,713	-	-	-	-	-
CTF Barnstable High School Stadium Bleachers (I) (#2017-067)	Inside	02/27/18	06/30/33	966,000	-	-	-	-	-	-	-	-	-	-
CTF Barnstable High School Cafeteria Window (I) (#2017-068)	Inside	02/27/18	06/30/38	400,000	23,125	22,525	21,925	21,300	20,650	-	-	-	-	-
CTF Hyannis West Elementary School Roof Truss System (2019-058)	Inside	02/26/19	06/30/39	850,000	47,450	46,250	45,050	43,850	42,600	41,300	-	-	-	-
CTF Barnstable High School Sports Field Upgrade (#2018-064)	Inside	02/26/19	06/30/34	4,600,000	314,150	-	-	-	-	-	-	-	-	-
CTF Barnstable Public Schools Mechanical Upgrades (#2019-096)	Inside	02/25/20	06/30/40	250,000	11,475	11,275	11,075	10,875	10,663	10,450	10,225	-	-	-
CTF Barnstable Public Schools Environmental Lab (#2019-097)	Inside	02/25/20	06/30/40	222,000	11,475	11,275	11,075	10,875	10,663	10,450	10,225	-	-	-
CTF BPS & BIS Roof Top Ventilators (#2019-098)	Inside	02/25/20	06/30/40	1,500,000	86,063	84,563	83,063	81,563	79,969	78,375	76,688	-	-	-
CTF Centerville Elementary Ventilator (#2019-099)	Inside	02/25/20	06/30/40	500,000	28,688	28,188	27,688	27,188	26,656	26,125	25,563	-	-	-
CTF Hyannis West Elementary School Roof (#2019-101)	Inside	02/25/20	06/30/40	450,000	22,950	22,550	22,150	21,750	21,325	20,900	20,450	-	-	-
CTF Centerville Elementary Roof (#2019-102)	Inside	02/25/20	06/30/40	250,000	11,475	11,275	11,075	10,875	10,663	10,450	10,225	-	-	-
CTF Barnstable High School Sports Field Upgrades (#2019-211)	Inside	02/25/20	06/30/35	1,100,000	72,800	71,400	-	-	-	-	-	-	-	-
CTF Elementary School HVAC Chiller Replacement (#2020-084)	Inside	03/15/21	06/30/41	400,000	23,200	22,800	22,400	22,000	21,600	21,200	20,800	20,400	-	-
CTF BHS and BIS Rooftop Ventilator Replacement (I) (#2021-084)	Inside	03/15/22	03/15/42	3,205,000	203,200	198,400	193,600	188,800	184,000	179,200	174,400	169,600	164,800	-
Total Schools Interest & Principal					2,102,725	1,734,375	1,510,425	1,115,775	1,081,038	704,450	644,375	475,600	440,200	265,200
LAND ACQUISITION INTEREST & PRINCIPAL		Issue Date	Maturity Date	Original Amount	Pymts FY 2034	Pymts FY 2035	Pymts FY 2036	Pymts FY 2037	Pymts FY 2038	Pymts FY 2039	Pymts FY 2040	Pymts FY 2041	Pymts FY 2042	Pymts FY 2043
Total Land Acquisition Interest & Principal					-	-	-	-	-	-	-	-	-	-
PUBLIC WAYS INTEREST & PRINCIPAL		Issue Date	Maturity Date	Original Amount	Pymts FY 2034	Pymts FY 2035	Pymts FY 2036	Pymts FY 2037	Pymts FY 2038	Pymts FY 2039	Pymts FY 2040	Pymts FY 2041	Pymts FY 2042	Pymts FY 2043
CTF Guardrail Improvements (#2015-098)	Inside	02/25/16	06/30/36	170,000	-	-	-	-	-	-	-	-	-	-
CTF Sidewalk Improvements (#2015-098)	Inside	02/25/16	06/30/36	230,000	-	-	-	-	-	-	-	-	-	-
CTF Guardrail & Sidewalk (I) (#2017-073)	Inside	02/27/18	06/30/33	287,000	-	-	-	-	-	-	-	-	-	-
CTF Sidewalk Improvements (#2019-125)	Inside	02/25/20	06/30/35	314,000	20,800	20,400	-	-	-	-	-	-	-	-
CTF Crosswalk Improvements (#2019-128)	Inside	02/25/20	06/30/35	113,100	5,200	5,100	-	-	-	-	-	-	-	-
CTF Bumps River Bridge Repair (#2019-124)	Inside	03/15/21	06/30/41	900,000	52,200	51,300	50,400	49,500	48,600	47,700	46,800	45,900	-	-
Total Public Ways Interest & Principal					320,000	308,850	272,700	262,050	251,400	47,700	46,800	45,900	-	-

AIRPORT INTEREST & PRINCIPAL		-	Issue Date	Maturity Date	Original Amount	Pymts FY 2034	Pymts FY 2035	Pymts FY 2036	Pymts FY 2037	Pymts FY 2038	Pymts FY 2039	Pymts FY 2040	Pymts FY 2041	Pymts FY 2042	Pymts FY 2043
Airport Terminal Ramp Construction - Phase 2 (O) (#2013-0101)	Outside	02/23/17	06/30/37	428,000	28,613	27,800	31,988	31,013	-	-	-	-	-	-	-
Airport New Fuel Farm (I) (#2013-102)	Inside	02/23/17	06/30/36	634,500	44,225	47,925	46,463	-	-	-	-	-	-	-	-
Airport East Ramp Design & Construction (O) (#2014-053)	Outside	02/23/17	06/30/37	641,200	45,419	44,119	42,819	46,519	-	-	-	-	-	-	-
Runway Reconstruction & Generator Replacement	Outside	02/26/19	06/30/39	355,500	17,794	17,344	16,894	16,444	15,975	15,488	-	-	-	-	-
Total Airport Fund Bonds						136,050	137,188	138,163	93,975	15,975	15,488	-	-	-	-
GOLF COURSE INTEREST & PRINCIPAL		-	Issue Date	Maturity Date	Original Amount	Pymts FY 2034	Pymts FY 2035	Pymts FY 2036	Pymts FY 2037	Pymts FY 2038	Pymts FY 2039	Pymts FY 2040	Pymts FY 2041	Pymts FY 2042	Pymts FY 2043
Olde Barnstable Fairgrounds Golf Course (I) (#2016-107)	Inside	02/23/17	06/30/37	245,000	11,313	10,988	10,663	10,338	-	-	-	-	-	-	-
Hyannis Golf Course Improvements (I) (#2016-108)	Inside	02/23/17	06/30/37	292,700	16,475	10,988	10,663	10,338	-	-	-	-	-	-	-
Total Golf Course						52,588	45,775	44,125	42,475	20,800	-	-	-	-	-
WATER POLLUTION CONTROL INTEREST & PRINCIPAL		-	Issue Date	Maturity Date	Original Amount	Pymts FY 2034	Pymts FY 2035	Pymts FY 2036	Pymts FY 2037	Pymts FY 2038	Pymts FY 2039	Pymts FY 2040	Pymts FY 2041	Pymts FY 2042	Pymts FY 2043
Pump Station/Sewer Main Const (#2009-132)	Outside	02/25/16	06/30/36	1,000,000	54,500	53,000	51,500	-	-	-	-	-	-	-	-
Wastewater Treatment Plant Clarifiers Rehab (O) (#2016-097)	Outside	02/23/17	06/30/37	1,146,000	62,219	60,431	58,644	56,856	-	-	-	-	-	-	-
Wastewater Treatment Plant Backup Generator (O) (#2016-098)	Outside	02/23/17	06/30/37	862,000	45,250	43,950	42,650	41,350	-	-	-	-	-	-	-
Rendezvous Lane Pump Station Replacement (#2019-132)	Outside	03/15/21	06/30/41	1,160,000	63,800	62,700	61,600	60,500	59,400	58,300	57,200	56,100	-	-	-
Sewer System Rehab Infiltration & Inflow	Inside	03/15/23	03/15/43	760,000	55,900	53,900	46,900	45,150	43,400	42,000	40,600	39,200	37,800	36,400	35,000
Pump Station Improvements (2020-175) CWP-20-18	Inside	11/21/23	01/15/44	576,776	33,582	33,629	33,676	33,724	33,773	33,822	33,873	33,925	33,978	34,030	34,082
Total Water Pollution Control Enterprise Fund						675,018	667,281	654,551	597,081	496,000	493,583	491,177	488,780	431,391	430,111
SOLID WASTE INTEREST & PRINCIPAL		-	Issue Date	Maturity Date	Original Amount	Pymts FY 2034	Pymts FY 2035	Pymts FY 2036	Pymts FY 2037	Pymts FY 2038	Pymts FY 2039	Pymts FY 2040	Pymts FY 2041	Pymts FY 2042	Pymts FY 2043
Total Solid Waste Fund						-	-	-	-	-	-	-	-	-	-
WATER SUPPLY INTEREST & PRINCIPAL		-	Issue Date	Maturity Date	Original Amount	Pymts FY 2034	Pymts FY 2035	Pymts FY 2036	Pymts FY 2037	Pymts FY 2038	Pymts FY 2039	Pymts FY 2040	Pymts FY 2041	Pymts FY 2042	Pymts FY 2043
DWP-11-10 Series 17A	Outside	05/22/13	01/15/33	560,761	-	-	-	-	-	-	-	-	-	-	-
Water Main Loop	Outside	02/17/15	02/15/35	540,000	21,200	20,600	-	-	-	-	-	-	-	-	-
DWP-11-09 Series 17A	Outside	05/14/15	01/15/33	793,438	-	-	-	-	-	-	-	-	-	-	-
Pipe Replacement Upgrade FY17 (#2015-085)	Outside	02/25/16	06/30/36	900,000	49,050	47,700	46,350	-	-	-	-	-	-	-	-
Hyannis Water System Pipe Replacement (O) (#2016-093)	Outside	02/23/17	06/30/37	858,400	45,250	43,950	42,650	41,350	-	-	-	-	-	-	-
DWP-14-09 Mass Clean Water Trust (#2014-071, 2013-085, 2013-088)	Outside	04/13/17	07/15/37	1,467,339	90,647	90,791	90,939	91,091	-	-	-	-	-	-	-
Well Reactivation (O) (#2017-080)	Outside	02/27/18	06/30/38	276,000	11,563	11,263	10,963	10,650	10,325	-	-	-	-	-	-
Water Pipe Replacement (O) (#2017-081)	Outside	02/27/18	06/30/38	468,000	23,125	22,525	21,925	21,300	20,650	-	-	-	-	-	-
Mary Dunn Water Storage Tank Site Work (O) (#2017-083)	Outside	02/27/18	06/30/38	600,500	34,688	33,788	32,888	31,950	30,975	-	-	-	-	-	-
Pipe Replacement Upgrade FY19 (#2018-081)	Outside	02/26/19	06/30/39	1,050,000	59,313	57,813	56,313	54,813	53,250	51,625	-	-	-	-	-
MCWT Series 19 DWP-13-01 Reamortization	Outside	04/11/19	07/15/36	1,736,865	122,682	122,882	123,087	-	-	-	-	-	-	-	-
Water Pipe Replacement (#2019-135)	Outside	02/25/20	06/30/40	950,500	51,638	50,738	49,838	48,938	47,981	47,025	46,013	-	-	-	-
MCWT Bonds; Series 21 DWP-16-17 (#2014-073, 2016-146, 2016-163 & 2017-010)	Outside	09/25/20	06/30/39	2,428,471	161,430	161,649	161,873	162,103	162,336	162,575	-	-	-	-	-
New Well Exploration Program (#2018-083)	Outside	03/15/21	06/30/41	314,500	17,400	17,100	16,800	16,500	16,200	15,900	15,600	15,300	-	-	-
CTF 50% Water Infrastructure Construction (#2019-212)	Outside	03/15/21	06/30/41	1,000,000	58,000	57,000	56,000	55,000	54,000	53,000	52,000	51,000	-	-	-
Pipe Replacement & Upgrades (#2020-120)	Outside	03/15/21	06/30/41	750,000	40,600	39,900	39,200	38,500	37,800	37,100	36,400	35,700	-	-	-
MCWT DWP-18-10 (#2017-099, 2018-173)	Outside	05/11/21	01/15/46	9,754,852	127,158	118,696	110,033	101,163	92,083	82,786	73,269	63,525	53,550	43,337	33,174
MCWT DWP-19-28 (#2019-215)	Outside	05/11/21	01/15/41	2,642,303	-	-	-	-	-	-	-	-	-	-	-
Water Pipe Replacement and Upgrades (O) (#2021-119)	Outside	03/15/22	03/15/42	946,000	57,150	55,800	54,450	53,100	51,750	50,400	49,050	47,700	46,350	-	-
Total Water Enterprise Fund						1,064,492	1,042,543	1,000,407	810,307	657,950	578,411	347,731	286,025	170,100	110,937

MARINA INTEREST & PRINCIPAL		Issue Date	Maturity Date	Original Amount	Pymts FY 2034	Pymts FY 2035	Pymts FY 2036	Pymts FY 2037	Pymts FY 2038	Pymts FY 2039	Pymts FY 2040	Pymts FY 2041	Pymts FY 2042	Pymts FY 2043
Prince Cover Marina Bulkhead (#2015-109)	Inside	02/25/16	06/30/36	570,000	27,250	26,500	25,750	-	-	-	-	-	-	-
Gateway Marina Maintenance Dredging (I) (#2016-109)	Inside	02/23/17	06/30/37	476,500	22,625	21,975	21,325	20,675	-	-	-	-	-	-
Total Marina Enterprise Fund					49,875	48,475	47,075	20,675	-	-	-	-	-	-
SANDY NECK INTEREST & PRINCIPAL		Issue Date	Maturity Date	Original Amount	Pymts FY 2034	Pymts FY 2035	Pymts FY 2036	Pymts FY 2037	Pymts FY 2038	Pymts FY 2039	Pymts FY 2040	Pymts FY 2041	Pymts FY 2042	Pymts FY 2043
Total Sandy Neck Enterprise Fund					-	-	-	-	-	-	-	-	-	-
HYCC INTEREST & PRINCIPAL		Issue Date	Maturity Date	Original Amount	Pymts FY 2034	Pymts FY 2035	Pymts FY 2036	Pymts FY 2037	Pymts FY 2038	Pymts FY 2039	Pymts FY 2040	Pymts FY 2041	Pymts FY 2042	Pymts FY 2043
CTF HYCC Roof, HVAC, and Parking & Security (#2019-115)	Inside	02/25/20	06/30/40	679,000	39,625	38,925	33,225	32,625	31,988	31,350	30,675	-	-	-
CTF HYCC Facility Improvements (#2020-103)	Inside	03/15/21	06/30/41	674,700	34,800	34,200	33,600	33,000	32,400	31,800	31,200	30,600	-	-
CTF HYCC Facility Improvements (I) (#2021-106)	Inside	03/15/22	03/15/42	1,484,000	94,650	92,400	90,150	87,900	85,650	78,400	76,300	74,200	72,100	-
Total HYCC Enterprise Fund					284,275	276,725	264,175	256,725	249,238	237,550	230,975	194,400	158,500	83,200
ROAD BETTERMENT REVOLVING FUND INTEREST & PRINCIPAL		Issue Date	Maturity Date	Original Amount	Pymts FY 2034	Pymts FY 2035	Pymts FY 2036	Pymts FY 2037	Pymts FY 2038	Pymts FY 2039	Pymts FY 2040	Pymts FY 2041	Pymts FY 2042	Pymts FY 2043
Pine Ridge & Waquoit Private Road (#2017-149)	Inside	02/25/21	06/30/33	113,200	-	-	-	-	-	-	-	-	-	-
Woodland Avenue Private Road Repair (#2017-150)	Inside	02/25/21	06/30/33	71,900	-	-	-	-	-	-	-	-	-	-
Bunker Hill Private Road Repair (#2017-168)	Inside	02/25/21	06/30/33	296,450	-	-	-	-	-	-	-	-	-	-
Beach Plum & Smoke Valley Private Road (#2017-169)	Inside	02/25/21	06/30/33	447,600	-	-	-	-	-	-	-	-	-	-
Ice Valley & Fox Island Private Road (#2017-170)	Inside	02/25/21	06/30/33	512,300	-	-	-	-	-	-	-	-	-	-
Multiple Temporary Private Road (#2018-151)	Inside	02/25/21	06/30/34	335,300	25,400	-	-	-	-	-	-	-	-	-
Wheeler Road Private Road (#2020-045)	Inside	02/25/21	06/30/36	510,650	36,520	30,960	30,480	-	-	-	-	-	-	-
Goodview Way Private Road (#2020-080)	Inside	02/25/21	06/30/36	218,850	15,640	15,400	10,160	-	-	-	-	-	-	-
Nyes Neck Private Road (#2020-189)	Inside	02/25/21	06/30/36	127,500	5,240	5,160	5,080	-	-	-	-	-	-	-
Total Road Betterment Revolving Fund					82,800	51,520	45,720	-	-	-	-	-	-	-
COMMUNITY PRESERVATION FUND INTEREST & PRINCIPAL		Issue Date	Maturity Date	Original Amount	Pymts FY 2034	Pymts FY 2035	Pymts FY 2036	Pymts FY 2037	Pymts FY 2038	Pymts FY 2039	Pymts FY 2040	Pymts FY 2041	Pymts FY 2042	Pymts FY 2043
Total Community Preservation Fund					-	-	-	-	-	-	-	-	-	-
TITLE V FUND INTEREST & PRINCIPAL		Issue Date	Maturity Date	Original Amount	Pymts FY 2034	Pymts FY 2035	Pymts FY 2036	Pymts FY 2037	Pymts FY 2038	Pymts FY 2039	Pymts FY 2040	Pymts FY 2041	Pymts FY 2042	Pymts FY 2043
Total Title V					-	-	-	-	-	-	-	-	-	-
SEWER CONSTRUCTION & PRIVATE WAY MAINT. IMP. FUND INTEREST & PRINCIPAL		Issue Date	Maturity Date	Original Amount	Pymts FY 2034	Pymts FY 2035	Pymts FY 2036	Pymts FY 2037	Pymts FY 2038	Pymts FY 2039	Pymts FY 2040	Pymts FY 2041	Pymts FY 2042	Pymts FY 2043
310 Main Street, Barnstable (Centerville) Acquisition (#2020-025)	Inside	02/25/20	06/30/40	549,000	28,688	28,188	27,688	27,188	26,656	26,125	25,563	-	-	-
1456 Falmouth Road, Route 28, Barnstable (Centerville) Acquisition (#2020-026)	Inside	02/25/20	06/30/40	283,900	16,775	16,475	16,175	10,875	10,663	10,450	10,225	-	-	-
RT 28 East Sewer Expansion Pump Station, Roadway & Utility Work (#2020-030)	Outside	03/15/21	06/30/41	800,000	46,400	45,600	44,800	44,000	43,200	42,400	41,600	40,800	-	-
Strawberry Hill Rd Sewer Expansion (2019-213) CWP-20-23	Inside	11/21/03	01/15/54	9,456,935	402,700	403,171	403,650	404,138	404,635	405,142	405,657	406,183	406,718	407,264
Strawberry Hill Rd Sewer Expansion (2019-213) CWP-20-23-A	Inside	11/21/03	01/15/54	338,450	14,410	14,427	14,443	14,461	14,478	14,497	14,515	14,534	14,554	14,572
Rt. 28 East Sewer Expansion (2021-180) CWP-21-49-A	Inside	11/21/23	01/15/54	908,504	38,679	38,724	38,771	38,817	38,865	38,914	38,964	39,014	39,065	39,118
Total Sewer Construction & Private Way Maintenance and Improvement Fund					1,140,909	1,140,549	1,140,213	1,134,901	1,134,668	1,134,462	1,134,234	1,099,032	1,059,643	1,061,080
TOTAL ENTERPRISE FUND AND OTHER FUND BOND OBLIGATIONS					3,486,007	3,410,056	3,334,428	2,956,138	2,574,629	2,459,494	2,204,117	2,068,237	1,819,634	1,685,328
GRAND TOTAL TOWN OF BARNSTABLE BOND OBLIGATIONS					6,842,676	6,359,113	5,930,422	4,995,420	4,425,211	3,646,219	3,228,992	2,835,437	2,414,334	1,950,528

WATER SUPPLY INTEREST & PRINCIPAL		Issue Date	Maturity Date	Original Amount	Pymts FY 2044	Pymts FY 2045	Pymts FY 2046	Payments FY 2047	Payments FY 2048	Payments FY 2049	Payments FY 2050	Payments FY 2051	Payments FY 2052	Payments FY 2053	Payments FY 2054
MCWTP DWP-18-10 (#2017-099, 2018-173)	Outside	05/11/21	01/15/46	9,754,852	32,882	22,178	11,219	-	-	-	-	-	-	-	-
Total Water Enterprise Fund					32,882	22,178	11,219	-	-	-	-	-	-	-	-

Total Outstanding Bonds



FY 2025 Budget Action Calendar

DATE	ACTION
Monday, September 18, 2023	Town Manager issues instructions to Municipal Departments for FY25 Operating & Capital budgets
Friday, October 13, 2023	Municipal Departments submit preliminary listing of any proposed FY25 position changes with supporting justification to Human Resources (HR) with copy to Town Manager
Monday, October 16, 2023	Municipal Departments submit Calendar Year fee change requests to Town Manager
Thursday, October 19, 2023	Town Council conducts joint meeting with School Committee in accordance with Town Charter to review financial condition and financial policies of the Town
Monday, October 30, 2023	Town Manager & School Superintendent develop annual policy agreement on allocation of projected FY25 General Fund revenue growth
Monday, November 6, 2023	Departments (including School) submit Capital Improvements Project (CIP) data sheets <i>with supporting photos</i> and review of existing capital projects to Town Manager
Tuesday, November 14, 2023	Town Manager conducts public hearing on any proposed changes to <i>Calendar Year fees</i>
Wednesday, November 15, 2023	Human Resources submits position changes summary including comments to Town Manager
Wednesday November 15, 2023	School Committee Meeting – Strategic Plan and Priorities
Monday, November 27, 2023	CIP Task Force provided copy of CIP submissions
Monday, November 27, 2023	Superintendent issues Operating budget instructions for School Department
Thursday, December 7, 2023	Municipal Department Managers submit Operating Budget <i>Decision Packages</i>
Thursday, December 14, 2023	CIP Task Force conducts workshop on CIP submissions (Date Subject to Change)
Wednesday, December 20, 2023	School site/department submit Operating Budget requests
Thursday, December 21, 2023	Annual Organization of Town Council (TM must submit budget to Town Council within 170 days per M.G.L. 44 § 32) (Friday, June 7, 2024)
Friday, January 5, 2024	Municipal Department Managers submit Operating Budget <i>Narratives</i> including photos
Wednesday, January 24, 2024	School Committee Workshop (FY25 Budget Introduction/ Confirming Strategic Direction of Budget)
Wednesday, January 17, 2024	Municipal Departments submit Fiscal Year fee change requests to Town
Wednesday, February 7, 2024	School Committee Meeting – Initial Presentation of FY25 Budget
Wednesday, February 14, 2024	School Committee Workshop (Round Table Review of Budget)
Monday, March 4, 2024	Town Manager submits recommended FY25 Capital Budget to Town Council per Part VI, Section 6-5 (d) of the Charter (<i>TC must adopt plan BEFORE June 1, 2024</i>)
Wednesday, March 6, 2024	School Committee Meeting – FY25 Budget Review
Tuesday, March 19, 2024	Town Manager conducts public hearing on any proposed changes to <i>Fiscal Year fees</i>
Wednesday, March 20, 2024	FY25 School Operating Budget Public Hearing
Wednesday, April 3, 2024	School Committee meeting to adopt FY25 Operating budget
Thursday, April 4, 2024	School Department submits adopted FY25 School budget to Town Manager
Thursday, April 4, 2024	Town Council conducts first reading of FY25 Capital Budget Orders. Capital Budget presentation made to the Town Council
Monday, April 8, 2024	CFAC submits their review of recommended FY25 Capital Budget to Town Manager & Town Council
Thursday, April 25, 2024	Town Council conducts first public hearing on FY25 Capital Budget
Thursday, May 2, 2024	Town Council conducts second public hearing on FY25 Capital Budget
Wednesday, May 8, 2024	Town Manager submits recommended FY25 Operating Budget to the Town Council. Town Council must adopt budget within 45 days (by June 21, 2024) otherwise it becomes part of FY25 appropriations per Section 6-3 (b) of the Charter)
Monday May 13, 2024	CFAC submits their review of recommended FY25 Operating Budget to Town Manager & Town Council
Thursday, May 16, 2024	Last Town Council meeting to adopt FY25 proposed Capital Budget (Must be adopted by June 1, 2024)
Thursday, May 16, 2024	Town Council conducts first reading of the FY25 Operating Budget Orders. Operating Budget presentation made to Town Council.
Thursday, June 6, 2024	Town Council conducts first public hearing on FY25 Operating Budget
Thursday, June 20, 2024	Town Council conducts second public hearing on FY25 Operating Budget
Friday, June 21, 2024	Special Town Council meeting (if needed) to complete public hearings on FY25 proposed Operating Budget.

Town Council Action
School Committee Action
Town Manager Action
Municipal & School Dept./CFAC Action