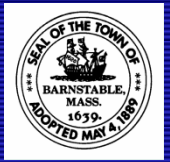


Department of Public Works

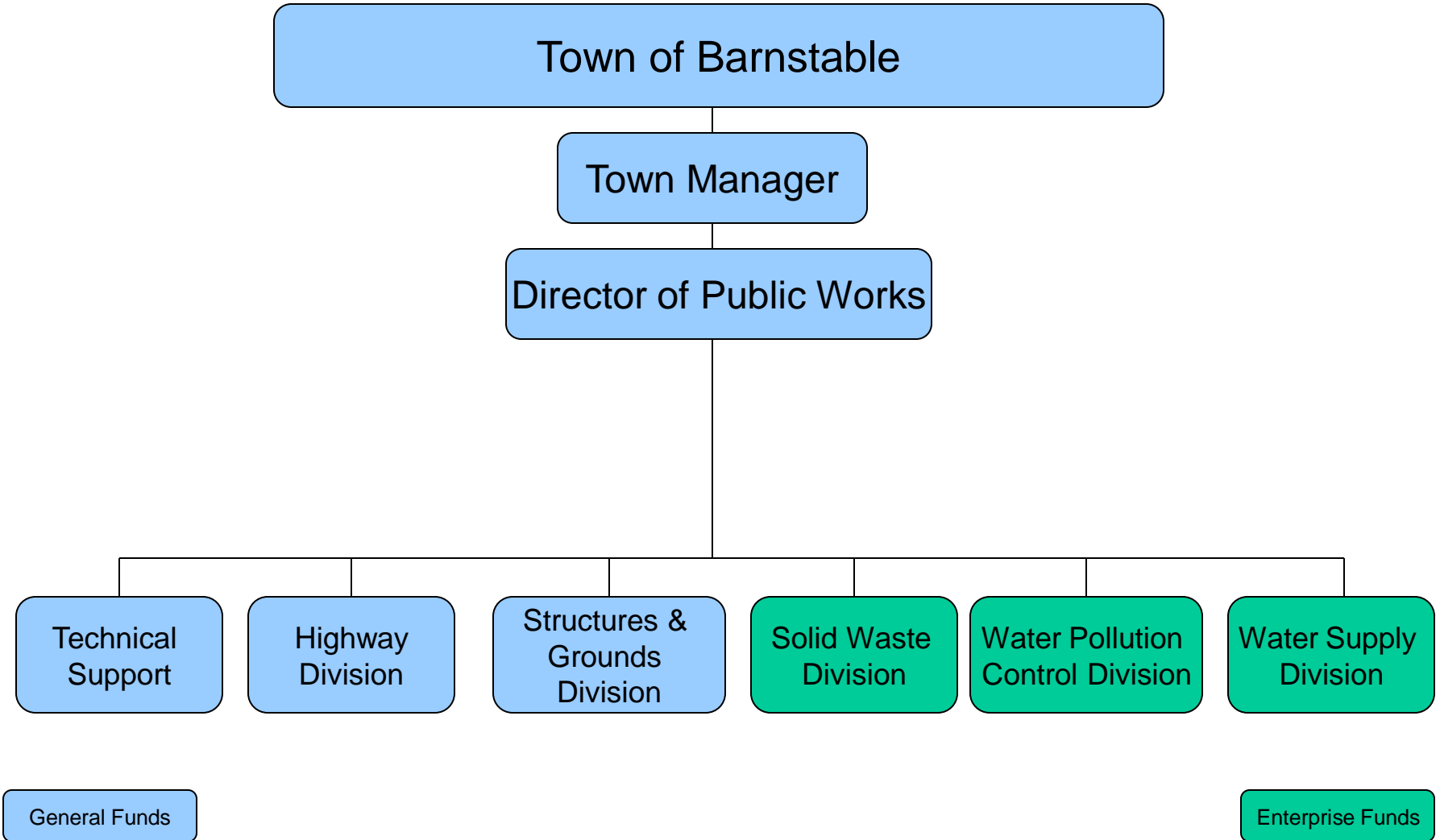
FY2022

Operating Budget

June 17, 2021

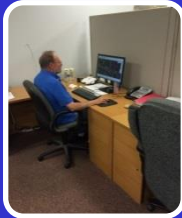


DPW Organization

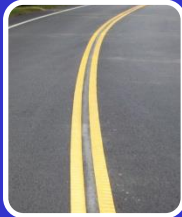




DPW FY 2022 General Fund Budget



**Administration & Technical
Support Division**



Highway Division



**Structures & Grounds
Division**



DPW FY 2022 General Fund Budget



Public Works Dept. Category	Actual FY 2020	Projected FY 2021	Approved FY 2021	Proposed FY 2022	Change FY21 - 22	Percent Change
Taxes	\$8,564,641	\$9,667,956	\$9,777,892	\$10,145,394	\$367,502	3.76%
Intergovernmental	79,216	-	-	-	-	0.00%
Fines, Forfeitures, Penalties	-	-	-	-	-	0.00%
Fees, Licenses, Permits	164,510	164,869	160,000	160,000	-	0.00%
Charges for Services	-	-	-	-	-	0.00%
Interest and Other	86,286	85,296	85,000	85,000	-	0.00%
Special Revenue Funds	70,570	80,360	80,360	79,640	(720)	-0.90%
Enterprise Funds	-	-	-	-	-	0.00%
Trust Funds	-	-	-	-	-	0.00%
Reserves	-	-	-	-	-	0.00%
Total Sources	\$8,965,223	\$9,998,481	\$10,103,252	\$10,470,034	\$366,782	3.63%

Expenditure Category						
Personnel	\$5,766,998	\$6,072,339	\$6,067,617	\$6,299,934	\$232,317	3.83%
Operating Expenses	2,718,374	3,317,742	3,359,635	3,520,100	160,465	4.78%
Capital Outlay	479,851	608,400	676,000	650,000	(26,000)	-3.85%
Total Appropriation	\$8,965,223	\$9,998,481	\$10,103,252	\$10,470,034	\$366,782	3.63%



Summary of Significant FY2022 General Fund Changes



Budget Reconciliation	Personnel	Operating	Capital Outlay	Totals	FTE
FY 2021 Approved Budget				\$10,103,252	
Contractual Obligations Net of Staff Turnover	191,173	-	-	191,173	-
One-Time Charges	-	-	(676,000)	(676,000)	-
FY 2022 Budget Changes					
1. Town Safety Officer	(51,239)	-	-	(51,239)	(0.55)
2. Municipal Solid Waste Removal Service	43,854	24,800	-	68,654	1.00
3. Transfer Custodian from Community Services	48,528	-	-	48,528	1.00
4. Estuaries, Ponds, and Lakes Water Sampling Equipment	-	5,000	-	5,000	-
5. School Field Maintenance	-	12,250	-	12,250	-
6. Anticipated Gasoline/Diesel Contract Increases	-	54,700	-	54,700	-
7. Water Increases	-	20,000	-	20,000	-
8. Cotuit Road Marston Mills	-	16,932	-	16,932	-
9. Main Street Barnstable Village	-	8,162	-	8,162	-
10. Sea Street Hyannis Maintenance	-	18,621	-	18,621	-
11. Vehicles & Equipment	-	-	500,000	500,000	-
12. Facilities Operating Capital – Buildings	-	-	150,000	150,000	-
FY 2022 Proposed Budget	\$232,317	\$160,465	(\$26,000)	\$10,470,034	1.45



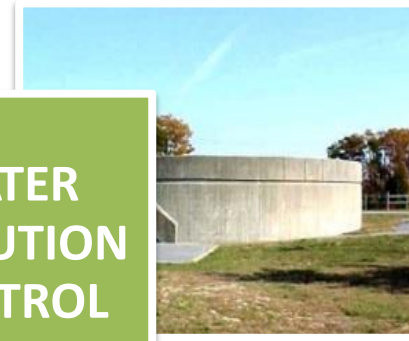
DPW FY2022 Enterprise Fund Budget



**SOLID
WASTE**



**WATER
POLLUTION
CONTROL**



**WATER
SUPPLY**





DPW FY2022

Solid Waste Division Budget



Solid Waste Enterprise Fund	Actual	Projected	Approved	Proposed	Change	Percent
Source of Funding	FY 2020	FY 2021	FY 2021	FY 2022	FY21 - 22	Change
Taxes	-	-	-	-	-	0.00%
Intergovernmental Aid	\$0	\$0	\$0	\$0	\$0	0.00%
Fines & Penalties	-	-	-	-	-	0.00%
Fees, Licenses, Permits	-	-	-	-	-	0.00%
Charges for Services	\$3,413,319	\$4,736,507	\$3,010,675	\$3,333,363	\$322,688	10.72%
Interest and Other	83,476	61,274	71,050	71,050	-	0.00%
Special Revenue Funds	-	-	-	-	-	0.00%
Enterprise Fund Reimbursements	-	-	-	-	-	0.00%
Trust Funds	-	-	-	-	-	0.00%
Total Operating Sources	\$3,496,795	\$4,797,781	\$3,081,725	\$3,404,413	\$322,688	10.47%

Intergovernmental Aid	-	-	-	-	-	0.00%
Borrowing Authorizations	-	-	-	-	-	0.00%
Total Capital Sources	\$0	\$0	\$0	\$0	\$0	0.00%

Total Sources of Funding	\$3,496,795	\$4,797,781	\$3,081,725	\$3,404,413	\$322,688	10.47%
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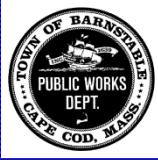
Direct Operating Expenses						
Personnel	\$1,177,276	\$1,161,540	\$1,162,388	\$1,187,435	\$25,047	2.15%
Benefits	136,013	148,744	144,166	153,308	9,142	6.34%
Operating Expenses	1,605,143	2,086,839	1,780,869	1,939,287	158,418	8.90%
Capital Outlay	-	-	-	70,000	70,000	0.00%
Debt Service	65,321	63,395	63,395	57,440	(5,955)	-9.39%
Transfers Out	-	-	-	(0)	(0)	0.00%
Total Direct Operating Expenses	\$2,983,753	\$3,460,518	\$3,150,818	\$3,407,469	\$256,651	8.15%



Summary of Significant FY2022 Solid Waste Division Changes



Budget Reconciliation	Personnel	Operating	Capital Outlay	Totals	FTE
FY 2021 Approved Budget				\$3,577,403	
Contractual Obligations Net of Staff Turnover	52,821	-	-	52,821	-
Change in Indirect Costs	(19)	(529)	-	(548)	-
One-Time Charges		-	-	-	-
Debt Service	-	(5,955)	-	(5,955)	-
FY 2022 Budget Changes					
1. Town Safety Officer	(18,632)	-	-	(18,632)	(0.20)
2. Increases to Recycling Material line item	-	50,000	-	50,000	-
3. Increase to Contract Waste Disposal line item	-	15,000	-	15,000	-
4. Charm Recycling Disposal Fee	-	10,000	-	10,000	-
5. Increase to Repairs & Maintenance – Vehicles	-	225	-	225	-
6. Increase to R&M Heavy Equipment	-	4,500	-	4,500	-
7. Increase to Buildings/Grounds line item	-	28,000	-	28,000	-
8. Increase to Parts/Accessories line item	-	8,500	-	8,500	-
9. Increase to Motor Oil Lubrication line item	-	1,500	-	1,500	-
10. Increase to Contract Services-Other	-	9,500	-	9,500	-
11. Increase to Office Supplies line item	-	3,000	-	3,000	-
12. Safety Equipment line item	-	3,000	-	3,000	-
13. Increase to Uniforms line item	-	3,000	-	3,000	-
14. Increase to Advertising Line Item	-	500	-	500	-
15. Increase to Postage/Delivery Line item	-	3,000	-	3,000	-
16. Increase to Tools/Equipment line item	-	2,000	-	2,000	-
17. Increase to General Building Supply's line item	-	3,000	-	3,000	-
18. Increase to Telephone Service Line item	-	2,500	-	2,500	-
19. Increase to Cellular Phone Service Line item	-	1,500	-	1,500	-
20. Anticipated Gasoline/Diesel Increases	-	9,693	-	9,693	-
21. Packer Container Replacement	-	-	40,000	40,000	-
22. Kubota RTV Replacement	-	-	30,000	30,000	-
FY 2022 Proposed Budget	\$34,170	\$151,934	\$70,000	\$3,833,507	(0.20)



DPW FY2022 WPCD Budget



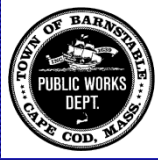
Water Pollution Control Enterprise Fund	Actual	Projected	Approved	Proposed	Change	Percent
Source of Funding	FY 2020	FY 2021	FY 2021	FY 2022	FY21 - 22	Change
Taxes	\$11,081	\$0	\$0	\$0	\$0	0.00%
Intergovernmental Aid	14,380	-	-	-	-	0.00%
Fines & Penalties	65,849	68,476	60,000	60,000	-	0.00%
Fees, Licenses, Permits	13,595	11,688	9,180	9,180	-	0.00%
Charges for Services	4,797,933	5,196,363	4,292,459	4,516,460	224,001	5.22%
Interest and Other	327,008	281,847	228,800	228,800	-	0.00%
Special Revenue Funds	-	-	-	-	-	0.00%
Trust Funds	-	-	-	-	-	0.00%
Total Operating Sources	\$5,229,845	\$5,558,374	\$4,590,439	\$4,814,440	\$224,001	4.88%
Intergovernmental Aid	119,450	-	-	-	-	0.00%
Trust Funds	2,209,000	-	-	-	-	0.00%
Borrowing Authorizations	1,212,900	-	9,700,000	2,465,000	(7,235,000)	-74.59%
Total Capital Sources	\$3,541,350	\$0	\$9,700,000	\$2,465,000	(\$7,235,000)	-74.59%
Total Sources of Funding	\$8,771,195	\$5,558,374	\$14,290,439	\$7,279,440	(\$7,010,999)	-49.06%
Direct Operating Expenses						
Personnel	\$1,063,458	\$1,100,214	\$1,206,773	\$1,234,336	\$27,563	2.28%
Benefits	113,204	121,156	134,626	126,582	(8,044)	-5.97%
Operating Expenses	1,380,795	1,356,428	1,486,620	1,626,970	140,350	9.44%
Capital Outlay	153,860	38,280	140,000	140,000	-	0.00%
Debt Service	1,112,535	1,074,387	1,104,580	1,171,242	66,662	6.04%
Transfers Out	-	-	-	-	-	0.00%
Total Direct Operating Expenses	\$3,823,852	\$3,690,465	\$4,072,599	\$4,299,130	\$226,531	5.56%



Summary of Significant FY2022 WPCD Changes



Budget Reconciliation	Personnel	Operating	Capital Outlay	Totals	FTE
FY 2021 Approved Budget				\$4,590,439	
Contractual Obligations Net of Staff Turnover	25,852	-	-	25,852	-
Change in Indirect Costs	34,779	8,685	-	43,464	
One-Time Charges	-	(1,340)	(140,000)	(141,340)	-
Debt Service	-	66,662	-	66,662	-
FY 2022 Budget Changes					
1. Town Safety Officer	(18,632)	-	-	(18,632)	(0.20)
2. Temporary Labor	12,300	-	-	12,300	-
3. Sludge Disposal	-	55,000	-	55,000	-
4. On-Call Mechanical and SCADA Contract	-	33,100	-	33,100	-
7. Chemicals	-	14,900	-	14,900	-
8. Laboratory Supplies	-	8,000	-	8,000	-
9. Repair & Maintenance Sewer Lines	-	10,000	-	10,000	-
10. Anticipated Gasoline/Diesel Increases	-	8,940	-	8,940	-
11. Computer Software - SCADA	-	4,000	-	4,000	-
12. Emergency Generators	-	4,750	-	4,750	-
13. Repair & Maintenance Vehicles	-	2,500	-	2,500	-
14. Alarms - Cape Cod 5 Pump Station	-	500	-	500	-
15. Operating Capital	-	-	90,000	90,000	-
16. Stewart's Creek Grinder Pump Purchases	-	-	50,000	50,000	-
FY 2022 Proposed Budget	\$54,298	\$215,697	\$0	\$4,860,434	(0.20)



DPW FY2022

Water Supply Division Budget



Water Supply Enterprise Fund	Actual	Projected	Approved	Proposed	Change	Percent
Source of Funding	FY 2020	FY 2021	FY 2021	FY 2022	FY21 - 22	Change
Taxes	-	-	-	-	-	0.00%
Intergovernmental Aid	\$173	\$0	\$0	\$0	\$0	0.00%
Fines & Penalties	18,461	16,964	36,900	18,833	(18,067)	-48.96%
Fees, Licenses, Permits	148,462	351,384	310,100	151,447	(158,653)	-51.16%
Charges for Services	5,806,323	6,377,771	6,047,195	6,462,583	415,388	6.87%
Interest and Other	469,922	439,446	487,500	601,843	114,343	23.45%
Special Revenue Funds	-	-	-	-	-	0.00%
Transfers In	-	500,000	500,000	360,000	(140,000)	-28.00%
Total Operating Sources	\$6,443,341	\$7,685,565	\$7,381,695	\$7,594,706	\$213,011	2.89%

Borrowing Authorizations	1,050,000	-	1,400,000	1,050,000	(350,000)	-25.00%
Total Capital Sources	\$1,050,000	\$0	\$1,400,000	\$1,050,000	(\$350,000)	-25.00%

Total Sources of Funding	\$7,493,341	\$7,685,565	\$8,781,695	\$8,644,706	(\$136,989)	-1.56%
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Direct Operating Expenses						
Personnel	\$264,435	\$218,432	\$218,444	\$228,078	\$9,634	4.41%
Benefits	21,980	20,735	23,376	21,835	(1,541)	-6.59%
Operating Expenses	4,089,675	3,673,804	4,774,797	4,030,957	(743,840)	-15.58%
Capital Outlay	146,216	110,000	166,000	166,000	-	0.00%
Debt Service	2,236,817	2,489,734	2,489,734	2,938,192	448,458	18.01%
Transfers Out	-	-	-	-	-	0.00%
Total Direct Operating Expenses	\$6,759,123	\$6,512,705	\$7,672,351	\$7,385,062	(\$287,289)	-3.74%



Summary of Significant FY2022 Water Supply Division Changes

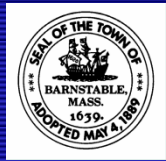


Budget Reconciliation	Personnel	Operating	Capital Outlay	Totals	FTE
FY 2021 Approved Budget				\$7,865,088	
Contractual Obligations Net of Staff Turnover	6,251	-	-	6,251	-
Change in Indirect Costs	8,031	8,876	-	16,907	
One-Time Charges	-	-	(166,000)	(166,000)	-
Debt Service	-	448,458	-	448,458	-
FY 2022 Budget Changes					
1. Town Safety Officer	(4,658)	-	-	(4,658)	(0.05)
2. FY 2021 COVID Overtime Reduction Returned	6,500	-	-	6,500	-
3. Suez Contract Increase	-	81,302	-	81,302	-
4. Water Purchases	-	(852,000)	-	(852,000)	-
5. Buildings & Grounds	-	7,750	-	7,750	-
6. Credit Card Fees	-	10,000	-	10,000	-
7. Tools & Equipment	-	7,000	-	7,000	-
8. Dues & Memberships	-	2,000	-	2,000	-
9. Anticipated Gasoline/Diesel Increase	-	108	-	108	-
10. Police Details	-	-	16,000	16,000	-
11. Emergency Repairs	-	-	150,000	150,000	-
FY 2022 Proposed Budget	\$ 16,124	\$ (286,506)	\$ -	\$ 7,594,706	(0.05)



DPW FY2022

Sewer Construction and Private Way Maintenance and Improvements Fund



Sewer Construction and Private Way Maintenance and Improvements Fund	Proposed
Source of Funding	FY 2022
Hotel/Motel Tax-Traditional Lodging	\$712,265
Meals Tax	1,134,509
Special Assessments	88,335
Interest and Other	167,537
Total Operating Sources	\$2,102,646

Total Sources of Funding	\$2,102,646
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Expense Category	
Personnel	\$385,765
Benefits	145,729
Operating Expenses	95,500
Debt Service	575,945
Total Operating Budget	\$1,202,939

Total Expenses	\$1,202,939
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Excess (Deficiency) Cash Basis	\$899,707
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Beginning Unrestricted Fund Balance \$ 16,753,731

-

Ending Projected Unrestricted Fund Balance \$ 17,653,438

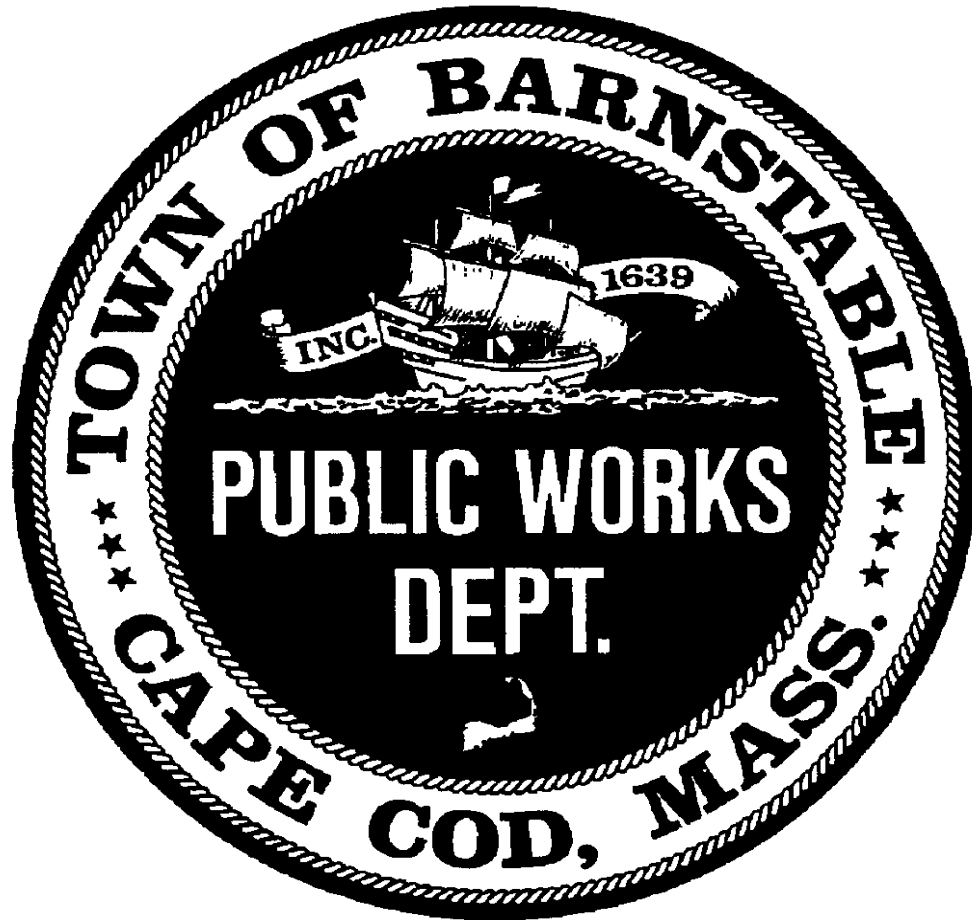
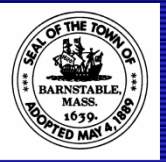
Budget Reconciliation	Personnel	Operating	Capital Outlay	Totals	FTE
				\$0	
Debt Service				-	-
				-	-
				-	-
				-	-

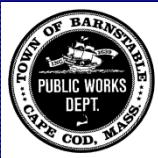
Sewer Construction and Private Way Maintenance and Improvements Fund	
Job Title	FY 2020
Construction Inspector I	-
Construction Inspector II	-
Engineering Designer	-
Lead Project Engineer	-
PE Design I	-
Full-time Equivalent Employees	-

	FY 2021	FY 2022	Change
	-	1.00	1.00
	-	1.00	1.00
	-	1.00	1.00
	-	0.75	0.75
	-	0.50	0.50
	-	4.75	4.75

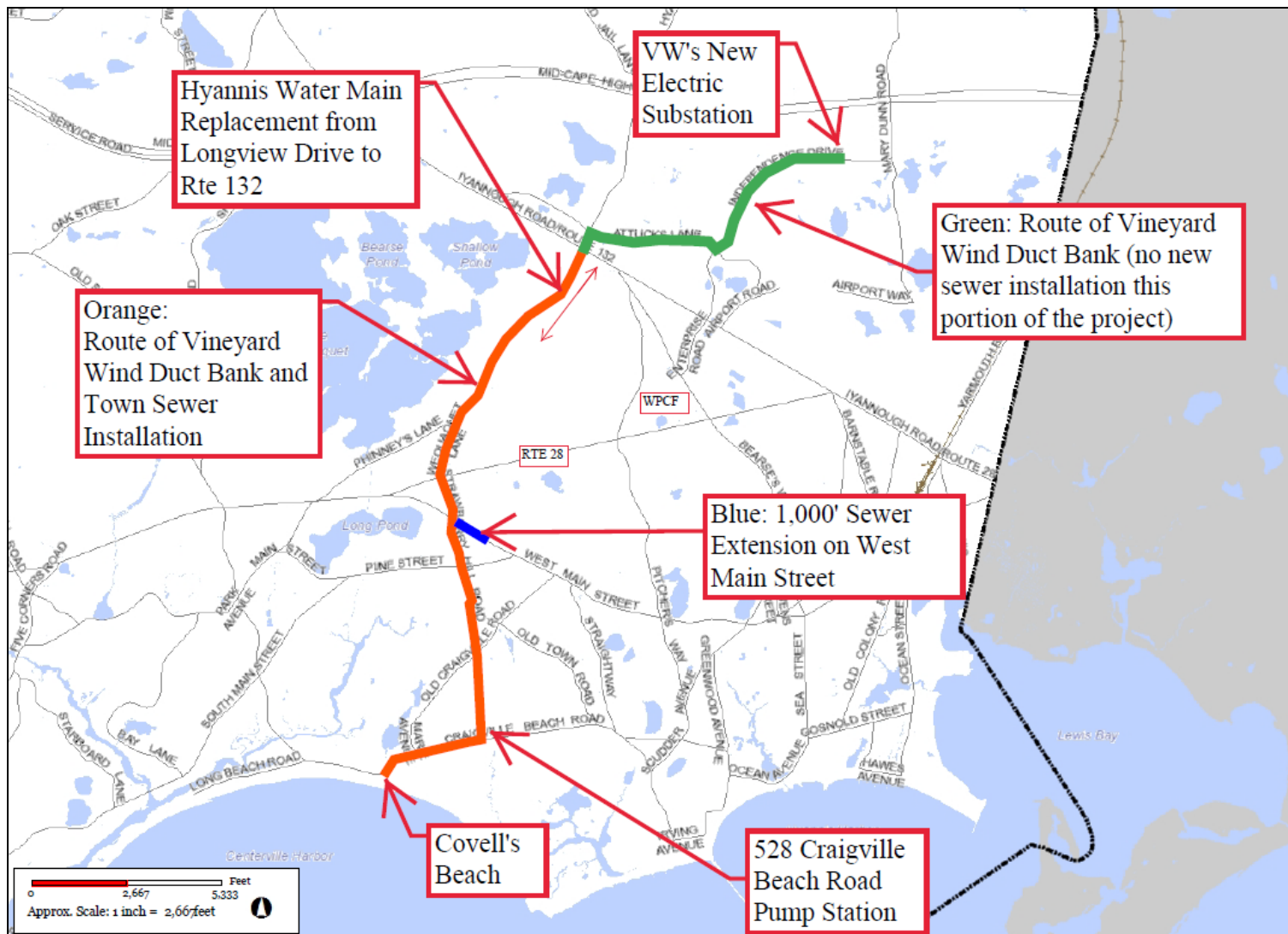
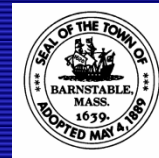


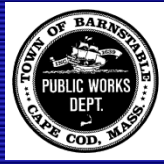
End





Strawberry Hill Road Sewer Expansion Project and Vineyard Wind Duct Banks





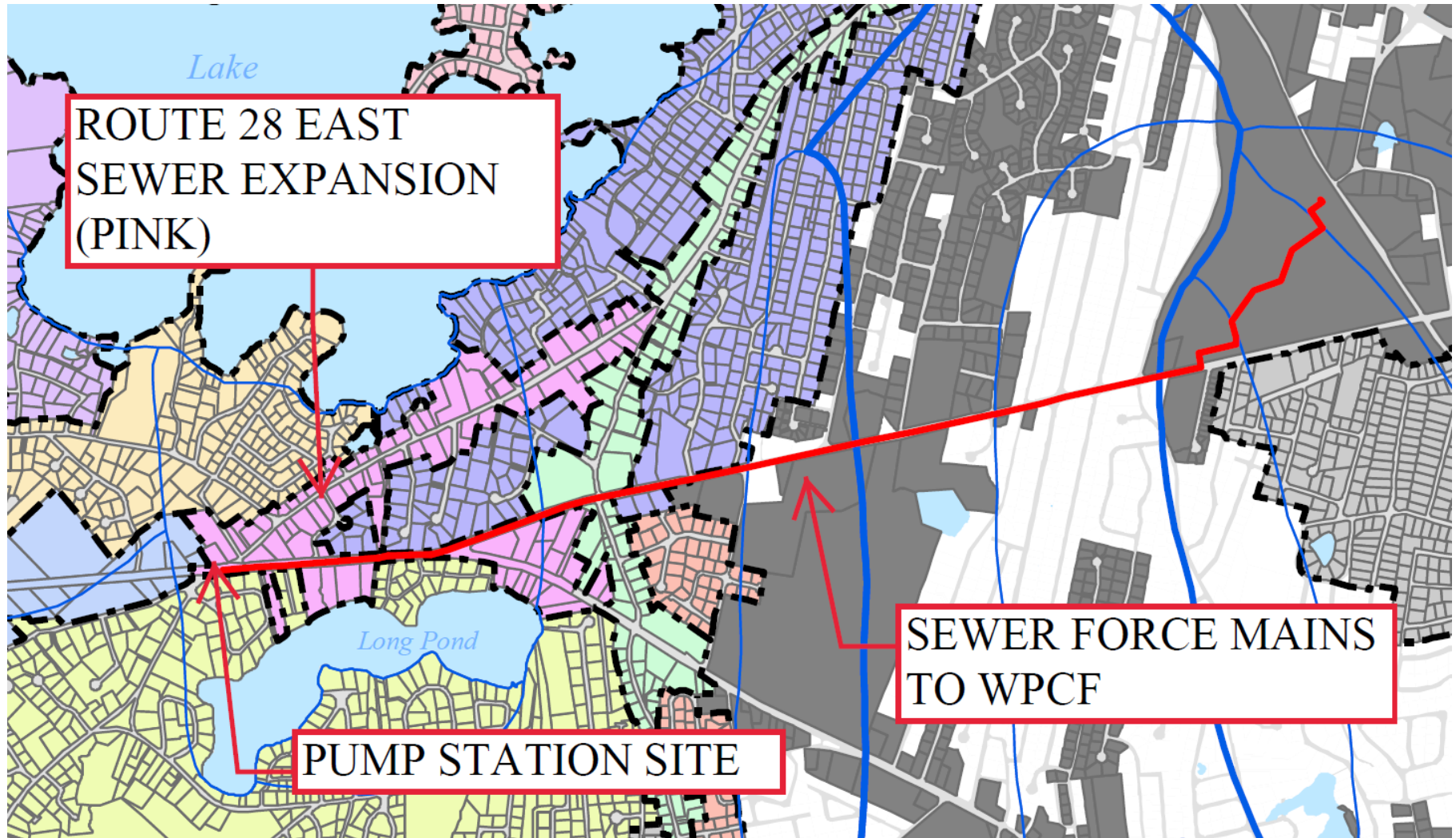
Strawberry Hill Road Sewer Expansion Project Schedule



- *End of July : Execute Construction Contract w/ CC Construction*
- *After Labor Day 2021: Commence Construction*
- *Spring 2023: Complete Construction*
 - *Note: No work between Memorial Day and Labor Day*



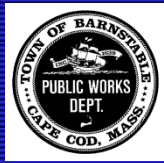
Route 28 East Sewer Expansion Project



ROUTE 28 EAST
SEWER EXPANSION
(PINK)

PUMP STATION SITE

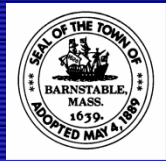
SEWER FORCE MAINS
TO WPCF



Route 28 East Sewer Expansion Project Schedule

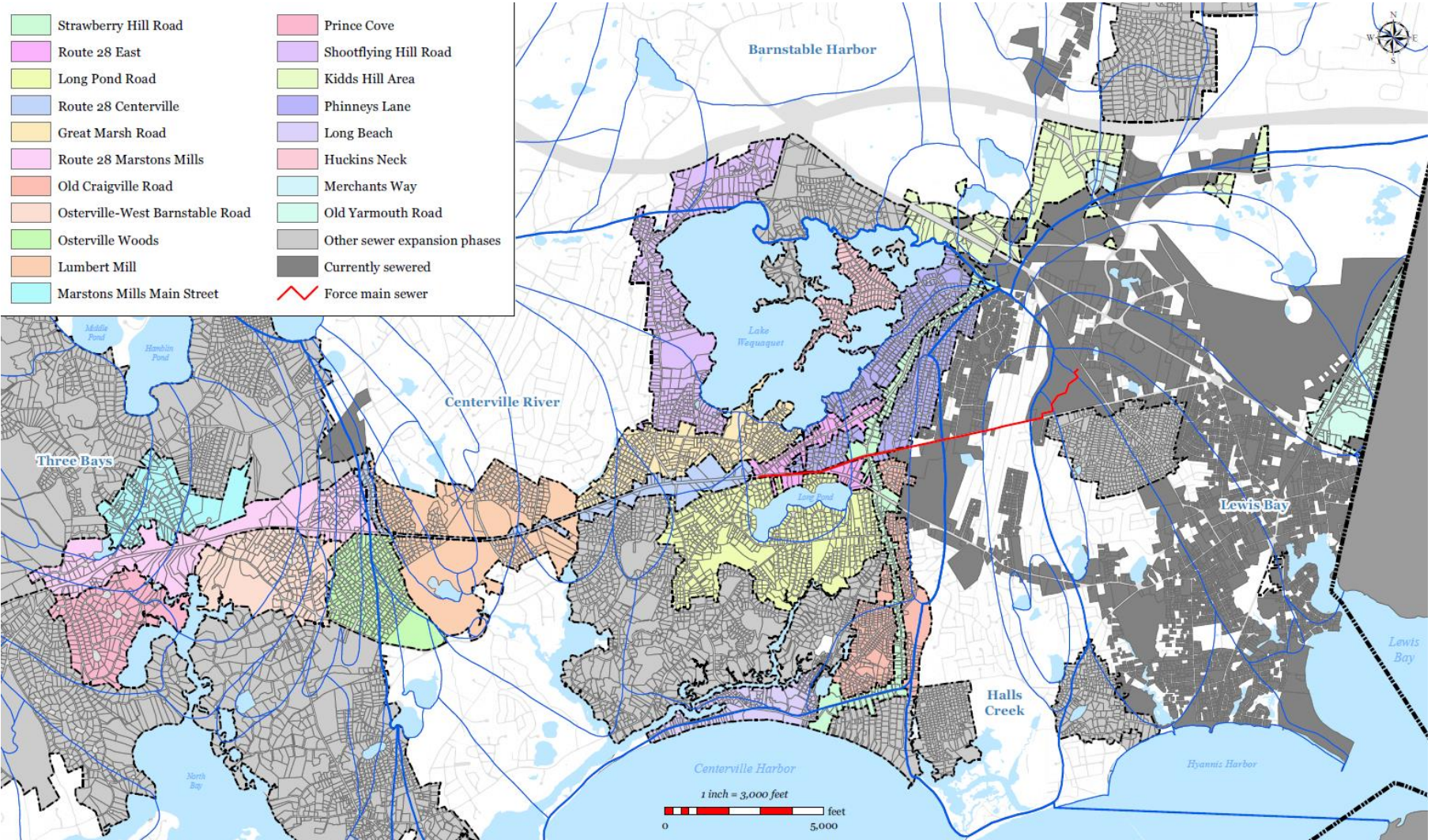


- *Fall 2021: Finalize design / public outreach*
- *Winter 2021/22: Bid Project*
- *Spring 2022: Commence Construction*
- *Spring 2024: Complete Construction*



Phase 1 Schedule

- | | |
|--|--|
|  Strawberry Hill Road |  Prince Cove |
|  Route 28 East |  Shootflying Hill Road |
|  Long Pond Road |  Kidds Hill Area |
|  Route 28 Centerville |  Pinneys Lane |
|  Great Marsh Road |  Long Beach |
|  Route 28 Marstons Mills |  Huckins Neck |
|  Old Craigville Road |  Merchants Way |
|  Osterville-West Barnstable Road |  Old Yarmouth Road |
|  Osterville Woods |  Other sewer expansion phases |
|  Lumbert Mill |  Currently sewered |
|  Marstons Mills Main Street |  Force main sewer |





Phase 1 Schedule



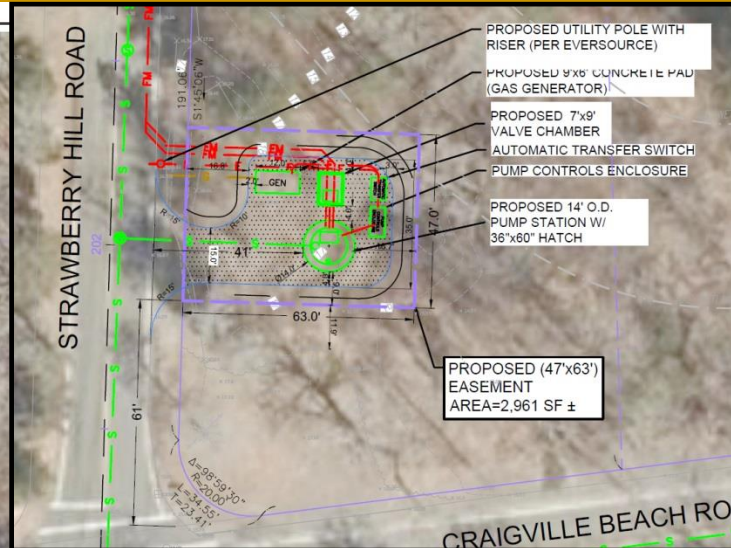
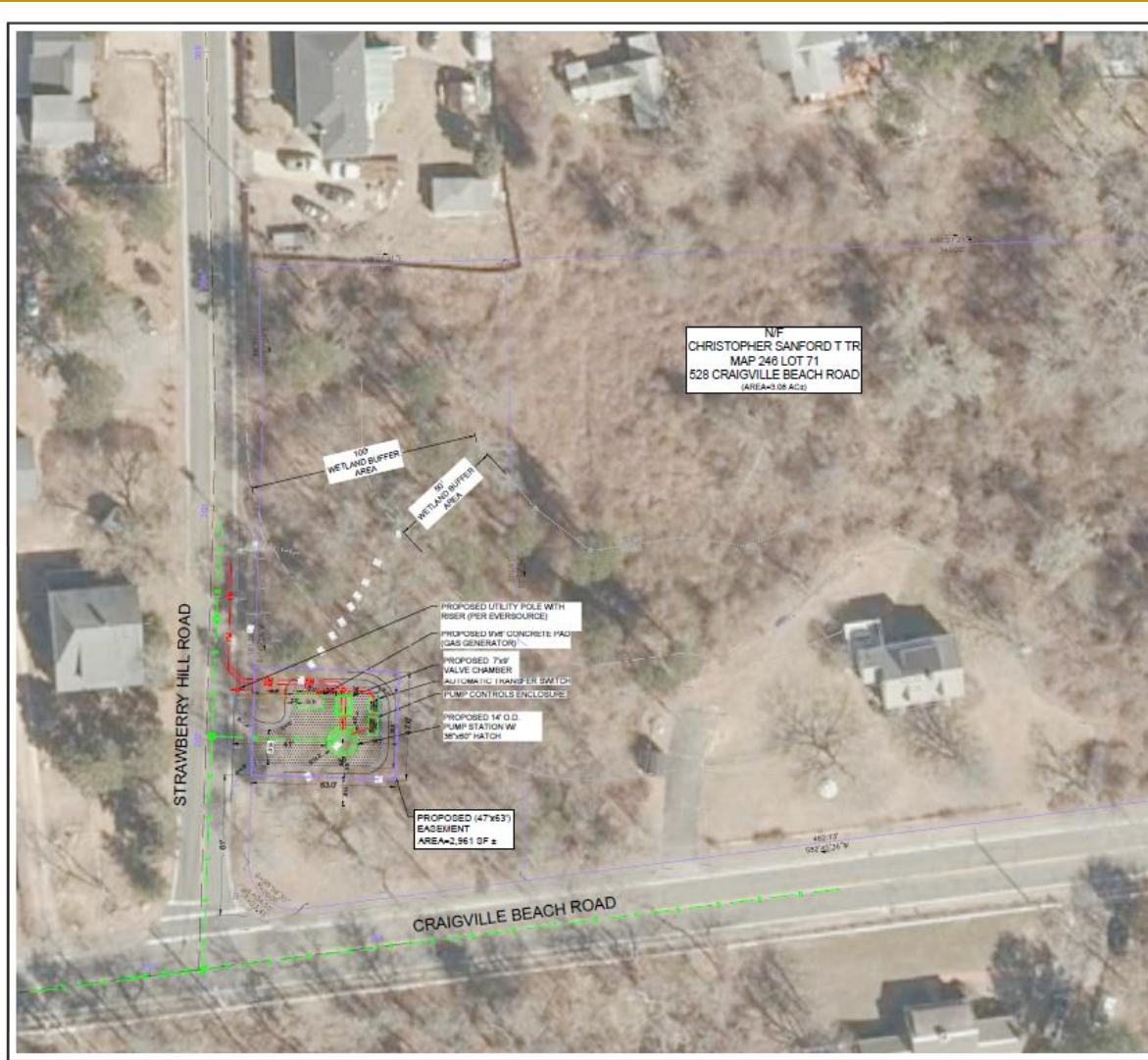
Sewer Expansion Collection System Projects - Phase 1															
Project	FY19	FY20	FY21	Phase 1										TOTAL	
				FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31		FY32
Merchants Way															\$0
Strawberry Hill Road															\$13,555,000
Route 28 East															\$14,540,000
Long Beach															\$9,800,000
Phinneys Lane															\$22,590,000
Old Yarmouth Road															\$7,970,000
Route 28 Centerville															\$11,300,000
Long Pond Area															\$33,245,000
Old Craigville Road															\$19,090,000
Great Marsh Road															\$15,380,000
Route 28 Marstons Mills															\$17,745,000
Osterville Woods															\$16,830,000
Huckins Neck															\$8,825,000
Lumbert Mill															\$13,385,000
Shootflying Hill Road															\$21,680,000
Osterville-West Barnstable Road & South County Road															\$9,975,000
Marstons Mills Main Street															\$7,360,000
Prince Cove															\$8,870,000
Attucks Lane / Kidds Hill Area															\$7,670,000
NEW PARCELS CONNECTED	0	7	0	0	237	120	203	722	80	0	1,425	637	887	399	4,717
COMBINED FLOW (GPD)	1,670,000	1,670,000	1,670,000	1,670,000	1,716,000	1,735,000	1,773,000	1,881,000	1,917,000	1,917,000	2,132,000	2,250,000	2,391,000	2,466,000	796,000

Legend	
Evaluation and/or Preliminary Design	
Final Design	
Construction	
Currently Funded Project	\$400,000
Currently Unfunded Project	\$500,000

Note: All Costs are in 2020 Dollars



Strawberry Hill Road Project Pump Station @ 528 SHR

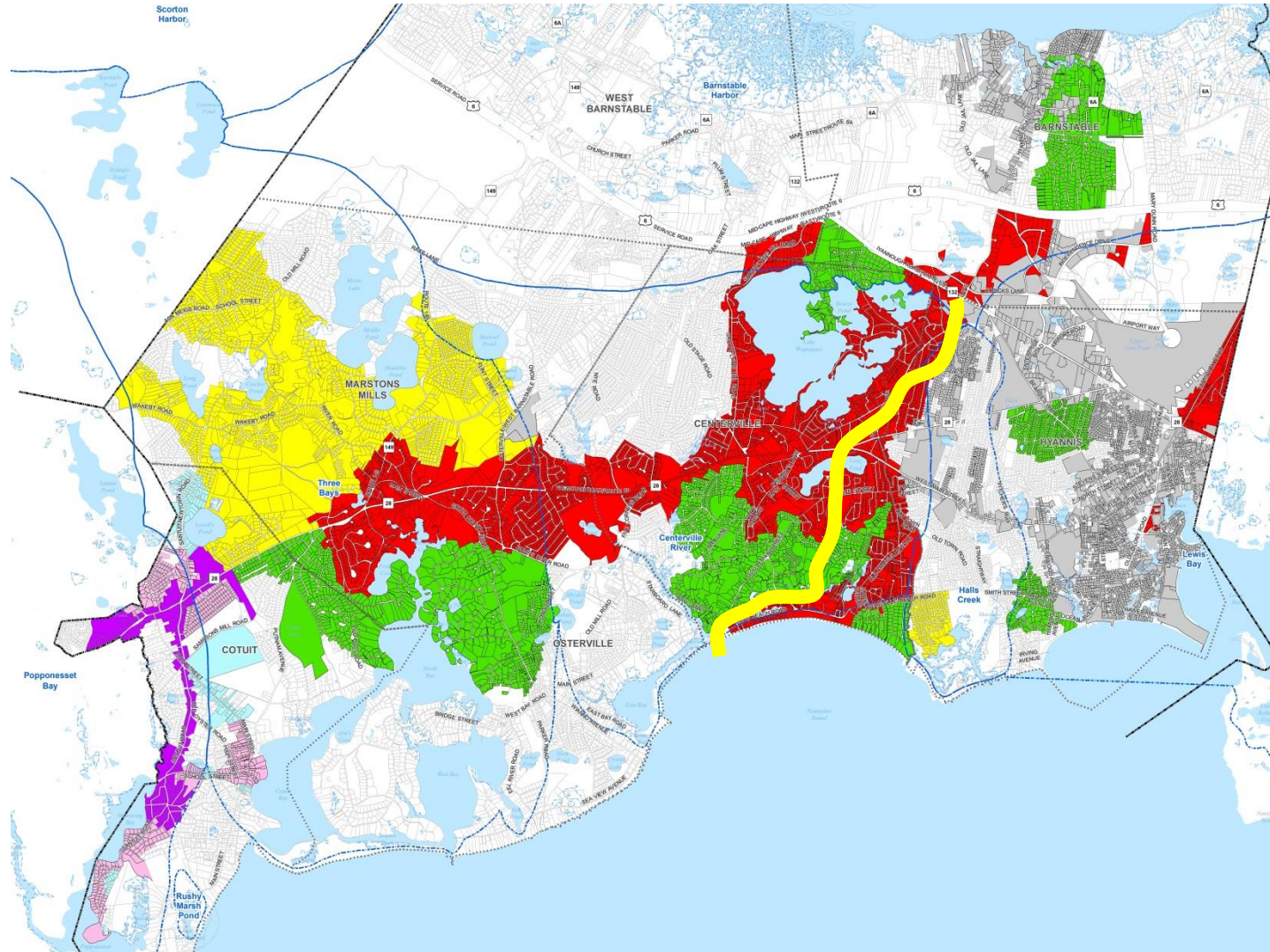




Route 28 East Sewer Expansion



Proposed pump station will convey all sewage from sewer expansion west of the yellow line.



Legend

- District Villages
- Watersheds
- Parcels

Sewer Phasing

- Phase 1: 0-10 Years
- Phase 2: 11-20 Years
- Phase 3: 21-30 Years
- Stage 1
- Stage 2
- Stage 3
- Existing Sewer