

# FY23 Enterprise Fund Budgets and CIP FY2023-FY2027

Board of Selectmen  
February 15, 2022





## Enterprise Budgets and CIP Meeting

- Definitions of Important Terms
- FY23 Enterprise Funds
  - Telemedia Enterprise Budget
  - Water Enterprise Budgets
  - Water Enterprise Capital
  - Recommendation Water Rates
  - Sewer Enterprise Budget
  - Sewer Enterprise Capital
  - Recommendation Sewer Rates
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  - Stormwater Enterprise Capital
  - Recommendation Stormwater Fee
- Capital Improvement Plan FY2023-FY2027

# Enterprise Budgets and CIP Meeting



## Definitions

- Enterprise Fund:
  - An enterprise fund, authorized by MGL Ch. 44 §53F½, is a separate accounting and financial reporting mechanism for municipal services for which a fee is charged in exchange for goods or services.
  - It allows a community to demonstrate to the public the portion of total costs of a service that is recovered through user charges and the portion that is subsidized by the tax levy, if any.
  - With an enterprise fund, all costs of service delivery--direct, indirect, and capital costs—are identified. This allows the community to recover total service costs through user fees if it chooses.
  - Enterprise accounting also enables communities to reserve the "surplus" or net assets unrestricted generated by the operation of the enterprise rather than closing it out to the general fund at year-end.
  - Services that may be treated as enterprises include, but are not limited to, water, sewer, hospital, and airport services.
- Why Adopt an Enterprise Fund:
  - Identifies a total Service cost
  - Those who use the service pay
  - Provides useful management information
  - Retains investment income and surplus within Fund
  - Prevents deficits from impacting General Fund
  - Maintains Department of Revenue oversight
  - Maintains Town Meeting oversight for budgeting
- Town Established Enterprise Funds:
  - Sewer Enterprise Fund Adopted 10/1/02, Water Enterprise Fund Adopted 5/2/05, Telemedia Enterprise Fund Adopted 5/2/16, Stormwater Enterprise Fund Adopted 10/1/19



# Enterprise Budgets and CIP Meeting

## Definitions (cont.):

- Property Tax Levy: Revenue a community can raise through real and personal property taxes. Proposition 2½ places constraints on the amount of the levy raised by a city or town and on how much the levy can be increased from year to year. A levy limit is a restriction on the amount of property taxes a community can levy. The maximum the levy can be in a given year is 2.5% on the previous year's limit plus certain allowable increases such as new growth, overrides and debt and capital exclusions.
- Capital Outlay Expenditure Exclusion: Temporary increase in the tax levy to fund a capital project or make a capital acquisition. Exclusions require two-thirds vote of the selectmen or city council (sometimes with the mayor's approval) and a majority vote in a community-wide referendum. The exclusion is added to the tax levy only during the year in which the project is being funded and may increase the tax levy above the levy ceiling.
- Debt Exclusion: An action taken by a community through a referendum vote to raise the funds necessary to pay debt service costs for a particular project from the property tax levy, but outside the limits under Proposition 2½. By approving a debt exclusion, a community calculates its annual levy limit under Proposition 2½, then adds the excluded debt service cost. The amount is added to the levy limit for the life of the debt only and may increase the levy above the levy ceiling.



# Enterprise Budgets and CIP Meeting

## Definitions (cont.):

- Capital Budget: An appropriation or spending plan that uses borrowing or direct outlay for capital or fixed asset improvements. Among other information, a capital budget should identify the method of financing each recommended expenditure, i.e., tax levy or rates, and identify those items that were not recommended.
- Capital Improvement Plan: An appropriation or spending plan that uses borrowing or direct outlay for capital or fixed asset improvements. Among other information, a capital budget should identify the method of financing each recommended expenditure, i.e., tax levy or rates, and identify those items that were not recommended.
- Stabilization Fund: A fund designed to accumulate amounts for capital and other future spending purposes, although it may be appropriated for any lawful purpose (MGL Ch. 40 §5B). Communities may establish one or more stabilization funds for different purposes and may appropriate into them in any year an amount not to exceed ten percent of the prior year's tax levy. The total of all stabilization fund balances shall not exceed ten percent of the community's equalized value, and any interest shall be added to and become a part of the funds. A two-thirds vote of town meeting or city council is required to establish, amend the purpose of, or appropriate money into or from the stabilization fund. The Town has a General Fund Stabilization with a balance of \$11,425,414, Water Stabilization Fund with a balance of \$1,918,932 Sewer Stabilization Fund with a balance of \$3,963,138.
- General Fund: The fund used to account for most financial resources and activities governed by the normal town meeting/city council appropriation process.

# Enterprise Budgets and CIP Meeting



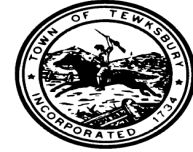
## Definitions (cont.):

- Raise and Appropriate (R&A): A phrase used to identify a funding source for an expenditure or expenditures, which refers to money generated by the tax levy or other local receipt.
- Indirect Cost (Allocations): Costs of a service not reflected in the operating budget of the entity providing the service. An example of an indirect cost of providing water service would be the value of time spent by non-water department employees processing water bills. A determination of these costs is necessary to analyze the total cost of service delivery. The matter of indirect costs arises most often in the context of enterprise funds.
- Free Cash: Remaining, unrestricted funds from operations of the previous fiscal year including unexpended free cash from the previous year, actual receipts in excess of revenue estimates shown on the tax recapitulation sheet, and unspent amounts in budget line-items. Unpaid property taxes and certain deficits reduce the amount that can be certified as free cash. The calculation of free cash is based on the balance sheet as of June 30, which is submitted by the community's auditor, accountant, or comptroller. Important: free cash is not available for appropriation until certified by the Director of Accounts. Current Certified Free Cash balance is \$600,000.
- Retained Earnings: An equity account reflecting the accumulated earnings of an enterprise fund that may be used to fund capital improvements, to reimburse the general fund for prior year subsidies, to reduce user charges and to provide for enterprise revenue deficits (operating loss). Water Retained Earning has a balance of \$2,271,795, Sewer Retained Earning has a balance of \$6,699,211, Cable Retained Earnings has a balance of \$2,244,348 and Stormwater Retained Earnings has a balance of \$132,686.

# Telemedia Enterprise Fund



# Telemedia Enterprise Fund Budget



## Telemedia Department Budget

<u>Direct Expenses</u>	<u>FY21 Expended</u>	<u>FY22 Approved</u>	<u>FY23 Recommended</u>	<u>Inc(Dec)</u>
Salaries	154,311	180,764	188,478	7,714
Expenses	52,003	102,550	96,750	(5,800)
Capital Outlay	144,151	-	-	-
Reserve Fund	-	50,000	25,000	-
Occupational Health	-	3,000	3,000	-
Other Post Employment Benefits	-	6,200	6,200	-
Debt	-	-	-	-
<b>Subtotal</b>	<b>350,466</b>	<b>342,514</b>	<b>319,428</b>	<b>(23,086)</b>
<u>Indirect Expenses</u>				
Group Insurance	15,443	15,443	16,176	733
Retirement	11,940	12,550	13,445	895
Medicare	2,069	2,521	2,683	162
Property and Liability Insurance	-	-	-	-
<b>Subtotal</b>	<b>29,452</b>	<b>30,514</b>	<b>32,304</b>	<b>1,790</b>
<u>Capital Expenses</u>	-	174,200	229,500	55,300
<b>Total Appropriation</b>	<b>379,918</b>	<b>547,228</b>	<b>581,232</b>	<b>34,004</b>
<u>Projected Cable TV Revenue</u>	<u>FY21 Collected</u>	<u>FY22 Projected</u>	<u>FY23 Projected</u>	<u>Inc(Dec)</u>
Cable Franchise Fees	615,068	600,000	600,000	
All Other Fees	-	-	-	-
<b>Total Revenue</b>	<b>615,068</b>	<b>600,000</b>	<b>600,000</b>	<b>-</b>
<i>Operating Deficit/Surplus</i>	<i>235,151</i>	<i>52,772</i>	<i>18,768</i>	<i>(34,004)</i>

### Major Budget Changes:

**Salaries:** Adjustment for 2.25% cost of living and step increases.

**Operating:** Fund will be used to address equipment maintenance and operations for programs and broadcasting needs. Operating expenses decreased \$5,800. Repairs and Maintenance \$5,000 specifically fuel for the Van. Communications decreased \$800 due to other means of Live Streaming.

**Capital Outlay:** No Capital Outlay Requests.

**Indirect Expenses:** Allocations increased 1,790. There is a 5% increase in health insurance premiums and Medicare Tax is based upon total payroll..

**Capital Expense:** \$229,500 Upgrade and replace Town Hall meeting cameras, switcher, enterprise room system and audio equipment.





## Telemedia Enterprise Fund Budget

- Future Capital Improvements Fiscal Year 2023 - Fiscal Year 2027: \$466,500
  - **FY23: \$229,500** - Town Hall Video and Sound Upgrade ( Raise and Appropriate Cable Franchise Fee)
  - **FY24: \$131,000** - TMHS Studio Upgrade ( Raise and Appropriate Cable Franchise Fee)
  - **FY25: \$50,000** - Custom Broadcast Flypack ( Raise and Appropriate Cable Franchise Fee)
  - **FY26: \$56,000** - Broadcast server ( Raise and Appropriate Cable Franchise Fee)

*Balance Cable Retained Earning : \$2,244,348*

*Comcast Franchise Fee and Capital Collected in FY21: \$298,435*

*Verizon Franchise Fee Collected in FY21: \$313,869*

*Total Cable TV Revenue FY21 : \$612,304*

# Water Enterprise Fund





## Water Enterprise Fund Budget

### Water Distribution Budget

	<u>FY21 Expended</u>	<u>FY22 Approved</u>	<u>FY23 Recommended</u>	<u>Inc(Dec)</u>
Salaries	600,850	685,391	665,308	(20,083)
Expenses	322,360	374,661	390,405	15,744
Capital Outlay	-	-	-	-
Subtotal	923,210	1,060,052	1,055,713	(4,339)

#### Major Budget Changes:

**Salaries:** Salary increases include cost of living increase of 2.25%, step increases and longevity changes. The decrease in Salaries is due to Terminal Leave that was funded in FY22 is not needed in FY23.

**Operating:.** Maintenance and Repairs increased \$10,230 based upon cost of supplies.

**Capital Outlay:** No appropriation FY23

# Water Enterprise Fund Budget



## Water Filtration Budget

	<u>FY21 Expended</u>	<u>FY22 Approved</u>	<u>FY23 Recommended</u>	<u>Inc(Dec)</u>
Salaries	937,121	1,065,069	1,076,932	11,863
Expenses	1,455,333	1,163,297	1,230,924	67,627
Capital Outlay	-	-	-	-
Subtotal	2,392,454	2,228,366	2,307,856	79,490

### Major Budget Changes:

**Salaries:** Salary increases include cost of living increase of 2.25%, step increases and longevity changes.

**Operating:** Repairs and Maintenance decreased (\$17,330) since we have upgraded most items in the plant. Communications decreased (\$5,900) due to less mailings. Computer Equipment increased \$5,300 to replace (5) computers as part of an on-going schedule of replacement. Chemicals increased \$30,667 due to plant usage and cost of chemicals. Residual Disposal cost increased \$52,290 based upon the cost to dispose of the treatment plant sludge and the need for a consultant to assist in proper disposal.

**Capital Outlay:** No appropriation FY23



# Water Enterprise Fund Budget

## Combined Water Enterprise Budgets

	<u>FY21 Expended</u>	<u>FY22 Approved</u>	<u>FY23 Recommended</u>	<u>Inc(Dec)</u>
Salaries	1,537,971	1,750,460	1,742,240	(8,220)
Expenses	1,777,693	1,512,958	1,596,329	83,371
Capital Outlay	-	-	-	-
Reserve Fund	-	25,000	25,000	-
Occupational Health	-	20,000	20,000	-
Other Post Employment Benefits	163,947	163,947	163,947	-
Debt	<u>2,501,081</u>	<u>2,676,771</u>	<u>2,573,702</u>	<u>(103,069)</u>
Subtotal	5,980,691	6,149,136	6,121,218	(27,919)
<b><u>Indirect Expenses</u></b>				
Town Manager	9,886	9,886	10,356	470
Accounting	9,880	10,049	10,597	548
Computer Services	1,810	1,828	2,588	760
Treasurer/Collector	33,468	32,846	35,150	2,304
Human Resources	1,683	1,909	2,085	176
Dept. of Public Works	388,042	392,701	410,516	17,815
Group Insurance	330,668	358,286	368,885	10,599
Retirement	453,004	433,124	464,408	31,284
Medicare	19,764	21,990	24,511	2,521
Property and Liability	<u>70,762</u>	<u>90,939</u>	<u>103,061</u>	<u>12,122</u>
Subtotal	1,318,967	1,353,558	1,432,157	78,599
<b><u>Capital Expenditures</u></b>				
	-	-	-	-
<b>Total Appropriation</b>	<b>7,299,658</b>	<b>7,502,694</b>	<b>7,553,375</b>	<b>50,680</b>
<b><u>Projected Water Revenue</u></b>				
	<b><u>FY21 Collected</u></b>	<b><u>FY22 Projected</u></b>	<b><u>FY23 Projected</u></b>	<b><u>Inc(Dec)</u></b>
User Fees	8,347,270	6,945,455	7,015,683	70,228
Water Liens	380,124	400,000	400,000	-
All Other Fees	340,523	150,000	150,000	-
Investment Income	-	10,000	10,000	-
<b>Total Revenue</b>	<b>9,067,916</b>	<b>7,505,455</b>	<b>7,575,683</b>	<b>70,228</b>
<b>Operating Deficit/Surplus</b>	<b>1,768,258</b>	<b>2,760</b>	<b>22,308</b>	<b>19,548</b>

**Indirect Expenses:** Allocations increased \$78,599. There is a 5% increase in health insurance premiums, 10% increase in Property and Liability Insurance, 7.2% in Retirement Assessment and Medicare Tax is based upon total payroll..



## Water Enterprise Fund Budget

- Future Capital Improvements

Fiscal Year 2023 - Fiscal Year 2027: \$18,214,231

- **\$13,261,981** - Water Distribution Design and Improvement
- **\$3,600,000** – Water Tank Maintenance/Upgrades
- **\$625,000** - Hydrants Replacement
- **\$727,250** - Vehicle Replacement

*Over the next Five Years the Plan is to spend retained earnings, Water Stabilization Fund and borrow funds to pay for Capital Projects.*

*Current Balance Retained Earnings: \$2,271,795*

*Balance Water Stabilization: \$1,918,932*

*In addition to the \$13,261,981 for FY23-FY27, another \$10,500,000 will be needed for water distribution upgrades from FY28-FY32 totaling \$23,761,981 over the next 10 years. In addition, included in the FY23-FY27 Water Distribution amount is an annual cost to upgrade and replace water meters, \$86,981 in FY23, \$50,000 in FY24 and \$75,000 each year there after.*



## Water Enterprise Fund Budget

- Capital Improvements Fiscal Year 2022: \$7,556,981
  - **\$3,686,981** - Water Distribution Improvement (ARPA Funds)
  - **\$125,000** - Hydrants Replacement (Water Retained Earnings)
  - **\$3,600,000** - Water Tank Maintenance and Upgrades(\$1,800,000 Borrowing and \$1,800,000 from Water Retained Earnings)
  - **\$145,000** - Vehicle Replacement (Water Retained Earnings)

*Use of Retained Earnings: FY23: \$2,070,000*



## Water Enterprise Fund Budget

Debt Service as percent of Water Budget:

<u>Fiscal Year</u>	<u>Debt Service</u>	<u>Debt as a Percent of Budget</u>
FY2022	2,676,771	36%
FY2023	2,573,702	34%
FY2024	2,513,372	33%
FY2025	2,592,292	33%
FY2026	2,623,442	33%
FY2027	2,797,577	33%
FY2028	2,576,103	31%
FY2029	2,780,168	32%
FY2030	2,805,923	32%
FY2031	2,888,418	32%
FY2032	3,368,253	35%
FY2033	3,104,087	32%





# Water Enterprise Fund Budget

## Projected Revenues

<b><u>Projected Water Revenue</u></b>	<b><u>FY21 Collected</u></b>	<b><u>FY22 Projected</u></b>	<b><u>FY23 Projected</u></b>	<b><u>Inc(Dec)</u></b>
User Fees	8,347,270	6,945,455	7,015,683	70,228
Water Liens	380,124	400,000	400,000	-
All Other Fees	340,523	150,000	150,000	-
Investment Income	-	10,000	10,000	-
<b>Total Revenue</b>	<b>9,067,916</b>	<b>7,505,455</b>	<b>7,575,683</b>	<b>70,228</b>
<i>Operating Deficit/Surplus</i>	<i>1,768,258</i>	<i>2,760</i>	<i>22,308</i>	<i>19,548</i>

*Footnote: All Other Fees includes Connection Fees, Water Meter Fees, Demand Fees and Application Fees. The surplus in FY21 closed at the end of Fiscal year and was part of Certified Retained Earnings.*



## Water Enterprise Fund Budget

### Water Budget/Revenue:

	<u>Budget</u>	<u>Revenue</u>
FY2012	5,805,016	7,079,266
FY2013	5,961,130	7,033,685
FY2014	5,913,590	7,429,011
FY2015	6,386,848	7,485,872
FY2016	6,675,586	8,162,431
FY2017	6,870,921	8,455,267
FY2018	7,037,637	8,162,431
FY2019	6,887,911	7,930,095
FY2020	7,162,649	7,341,522
FY2021	7,346,811	7,439,511
FY2022 (Projected)	7,502,694	7,505,455
FY2023 (Projected)	7,553,375	7,575,683

# Water Rates

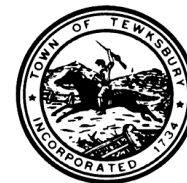




## Water Enterprise Fund: Water Rates

### Impacts and Assumptions FY23 Water Rates:

- Rates are not increasing.
- Water usage for revenue projections were based upon Actual usage in August 2021, December 2021 and April 2021 billing cycles.
- Annual water usage is projected to be 659,972,000 gallons, an increase from the previous Fiscal Year projection of 9,344,000 gallons.
- Collection Rate 95%
- Rate projections includes all Capital Improvements within the five (5) year CIP and annually funds for water distribution upgrades for 10 years, starting in FY25 (FY23 and FY24 uses ARPA Funding for Water Distribution).



## Water Enterprise Fund: Water Rates

Proposed Water Rates: 0% Increase

Tiers	Proposed Rate (\$)
0-12 gals	7.55 per 1000
13-24	10.67 per 1000
25-46	14.19 per 1000
47+	17.73 per 1000

Proposed Secondary Meter Rates are the same as above except

47+ 33.17 per 1000

*This tier and rate for secondary meters has a conservation charge added*



# Water Enterprise Fund Budget

Water FY23 Projected Annual Increase					
Usage	Current Annual Bill	Proposed Annual Bill	\$ Increase	% Increase	
10,000	75.50	75.50	-	0.0%	
15,000	113.25	113.25	-	0.0%	
20,000	151.00	151.00	-	0.0%	
25,000	188.75	188.75	-	0.0%	
35,000	264.25	264.25	-	0.0%	
45,000	367.83	367.83	-	0.0%	
50,000	421.18	421.18	-	0.0%	
55,000	474.53	474.53	-	0.0%	
60,000	527.88	527.88	-	0.0%	
70,000	634.58	634.58	-	0.0%	
75,000	698.49	698.49	-	0.0%	
80,000	769.44	769.44	-	0.0%	
90,000	911.34	911.34	-	0.0%	
100,000	1,053.24	1,053.24	-	0.0%	
140,000	1,627.92	1,627.92	-	0.0%	
150,000	1,805.22	1,805.22	-	0.0%	
200,000	2,691.72	2,691.72	-	0.0%	
300,000	4,464.72	4,464.72	-	0.0%	
400,000	6,237.72	6,237.72	-	0.0%	
500,000	8,010.72	8,010.72	-	0.0%	
700,000	11,556.72	11,556.72	-	0.0%	
1,000,000	16,875.72	16,875.72	-	0.0%	
1,500,000	25,740.72	25,740.72	-	0.0%	
2,000,000	34,605.72	34,605.72	-	0.0%	
3,000,000	52,335.72	52,335.72	-	0.0%	
4,000,000	70,065.72	70,065.72	-	0.0%	
5,000,000	87,795.72	87,795.72	-	0.0%	
6,000,000	105,525.72	105,525.72	-	0.0%	
7,100,000	125,028.72	125,028.72	-	0.0%	
7,500,000	132,120.72	132,120.72	-	0.0%	

*Approximately 50,000-55,000 gallons is the Town's average annual usage and approximately 90,000 gallons per year is the State's average use.*



## Water Enterprise Fund Budget

### Rate Comparison

- Based on 90,000 Gallons per year
- State Average 595 (2017)
- State Low and State High 123- 2,025 (2017)
- State Median 568 (2017)
- MWRA Average 687 (2021)
- Non MWRA Communities 584 (2021)
- Tewksbury (current) 911
- Tewksbury (proposed) 911

# Comments Water Enterprise Fund and Rates



- Impact of Water Distribution Improvements
- Water Usage
- Projection of future years
- Retained Earnings
- Capital Projects



# Sewer Enterprise Fund



# Sewer Enterprise Fund Budget



## Sewer Enterprise Budget

<u>Direct Expenses</u>	<u>FY21 Expended</u>	<u>FY22 Approved</u>	<u>FY23 Recommended</u>	<u>Inc(Dec)</u>
Salaries	381,879	423,487	408,686	(14,801)
Expenses	469,247	419,708	426,760	7,052
Capital Outlay	-	-	-	-
Lowell Sewer	1,350,000	1,453,000	1,483,650	30,650
Reserve Fund	-	60,000	60,000	-
Occupational Health	10,000	10,000	10,000	-
Other Post Employment Benefits	38,785	38,785	38,785	-
Debt	3,652,038	3,712,623	3,703,896	(8,727)
Subtotal	5,901,950	6,117,603	6,131,777	14,174
				-
<u>Indirect Expenses</u>				
Town Manager	9,886	9,886	10,356	470
Accounting	10,049	10,049	10,597	548
Computer Services	1,828	1,828	2,588	760
Treasurer/Collector	32,846	32,846	35,150	2,304
Human Resources	1,909	1,909	2,085	176
Dept. of Public Works	387,392	387,392	407,293	19,901
Group Insurance	132,241	132,241	127,887	(4,354)
Retirement	80,323	80,323	86,065	5,742
Medicare	6,126	6,126	8,660	2,534
Property and Liability Insurance	25,301	25,301	28,521	3,220
Subtotal	687,901	687,901	719,202	31,301
				-
<u>Capital Expenditures</u>	-	-	-	-
<b>Total Appropriation</b>	<b>6,589,851</b>	<b>6,805,504</b>	<b>6,850,979</b>	<b>45,475</b>

### Major Budget Changes:

**Salaries:** Salary increases include, cost of living increase of 2.25% step increases and longevity changes. Terminal Leave decreased \$34,478 due to employee retiring in FY22 and no retirements in FY23.

**Operating:** Utilities which increased \$3,000 includes gas for nine (9) generators and for electricity for the 47 pump stations based upon historic and projected usage; Lowell Sewer is increased \$30,650 since the allocable costs that Lowell uses to assess Tewksbury is estimated to be higher than FY22. Debt Service has decreased \$8,727.

**Capital Outlay:** No change

**Indirect Expenses:** Allocations: There is a 5% increase in health insurance premiums, 10% increase in Property and Liability Insurance, 7.2% in Retirement Assessment and Medicare Tax is based upon total payroll..



## Sewer Enterprise Fund Budget

- Future Capital Improvements  
Fiscal Year 2023 – Fiscal Year 2027: **\$4,117,250**
  - **\$1,650,000** - Inflow and Infiltration I/I control
  - **\$1,740,000** - Sewer Pump Station Improvements
  - **\$727,250** - Fleet/Equipment Replacement
- Capital Improvements Fiscal Year 2023: **\$985,000**
  - **\$250,000** - Inflow and Infiltration I/I control (Sewer Retained Earnings)
  - **\$590,000** - Sewer Pump Station Improvements (Sewer Retained Earnings)
  - **\$145,000** – Fleet/Equipment Replacement (Sewer Retained Earnings)

*All Capital from 2023-2027 is Projected to be funded by the Sewer Retained Earnings. In FY27 Capital is projected to be funded from the Sewer Stabilization Fund*

*Sewer Retained Earnings Balance is \$6,699,211 and will be utilized over the next five years to implement Sewer Capital and offset Debt Service costs.*

*Balance Sewer Stabilization Fund \$3,963,138*



## Sewer Enterprise Fund Budget

### Debt Service as percent of Sewer Budget:

Fiscal Year	Debt Service	Debt as a Percent of Budget
FY2022	3,712,622.56	55%
FY2023	3,703,895.77	54%
FY2024	3,724,770.76	54%
FY2025	3,695,020.76	52%
FY2026	3,486,727.01	50%
FY2027	3,431,302.01	49%
FY2028	2,551,577.01	40%
FY2029	1,678,827.01	30%
FY2030	1,020,202.01	20%
FY2031	358,455.13	8%
FY2032	337,905.13	7%
FY2033	330,092.63	7%



# Sewer Enterprise Fund Budget

## Projected Revenues

<u>Projected Sewer Revenue</u>	<u>FY21 Collected</u>	<u>FY22 Projected</u>	<u>FY23 Projected</u>	<u>Inc(Dec)</u>
User Fees	6,539,401	5,527,583	5,736,581	208,998
All Sewer Liens/Interest/Fees	295,382	8,409	8,494	85
Connection Fees	127,500	250,000	250,000	-
All Other	112,029	125,000	125,000	-
Retained Earnings	795,439	900,000	750,000	(150,000)
Transfer From General Fund	-	-	-	-
<b>Total Revenue</b>	<b>7,869,751</b>	<b>6,810,992</b>	<b>6,870,075</b>	<b>59,083</b>
<i>Operating Deficit/Surplus</i>	<i>1,279,901</i>	<i>5,488</i>	<i>19,096</i>	<i>13,608</i>

*Footnote: All Other Fees includes Demand Fees and Application Fees. The surplus in FY21 closed at the end of Fiscal year and was part of Certified Retained Earnings.*



## Sewer Enterprise Fund Budget

### Sewer Budget/Revenue:

	<u>Budget</u>	<u>Revenue</u>
FY12	5,801,543	8,197,199
FY13	6,086,796	6,760,895
FY14	6,103,578	7,294,650
FY15	5,541,476	6,921,874
FY16	6,111,090	7,434,103
FY17	5,800,318	7,618,667
FY18	5,240,451	7,106,197
FY19	5,913,497	7,049,859
FY20	6,703,563	7,729,660
FY21	6,623,932	6,643,875
FY22 (Projected)	6,805,504	6,810,992
FY23 (Projected)	6,850,979	6,870,075

*Sewer Retained Earnings will be utilized over the next five years to offset Debt Service. Previously in FY19 \$253,244, FY20 \$1,026,790, FY21 \$795,439, FY22 \$900,000 was used to offset Debt Service and in FY23 \$750,000 in retained earnings will be utilized.*

# Sewer Rates





## Sewer Enterprise Fund: Sewer Rates

### Impacts and Assumptions FY23 Sewer Rates:

- Rates are not increasing
- Sewer usage for revenue projections were based upon Actual usage in, August 2021, December 2021 and April 2021 billing cycles
- Projected sewer usage for FY23 is 528,702,600 gallons an increase of 17,709,600 gallons
- Collection Rate 95%





# Sewer Enterprise Fund Budget

## Proposed Sewer Rate - In-Town: 0% Increase

Tiers	Proposed Rate (\$)
0-12 gals	7.23 per 1000
13-24	9.31 per 1000
47+	13.20 per 1000
25-46	15.44 per 1000

## Proposed Sewer Rate - Out of Town and Exempt Property: 0% Increase

Tiers	Proposed Rate (\$)
0-12 gals	15.24 per 1000
13-24	19.62 per 1000
47+	26.84 per 1000
25-46	31.40 per 1000



# Sewer Enterprise Fund Budget

## Sewer FY23 Projected Annual Increase

Usage	Current Annual Bill	Proposed Annual Bill	\$ Increase	% Increase
10,000	72.30	72.30	-	0%
15,000	108.45	108.45	-	0%
20,000	144.60	144.60	-	0%
25,000	180.75	180.75	-	0%
35,000	253.05	253.05	-	0%
45,000	344.07	344.07	-	0%
50,000	390.62	390.62	-	0%
55,000	437.17	437.17	-	0%
60,000	483.72	483.72	-	0%
70,000	576.82	576.82	-	0%
75,000	635.04	635.04	-	0%
80,000	701.04	701.04	-	0%
90,000	833.04	833.04	-	0%
100,000	965.04	965.04	-	0%
140,000	1,497.52	1,497.52	-	0%
150,000	1,651.92	1,651.92	-	0%
200,000	2,423.92	2,423.92	-	0%
300,000	3,967.92	3,967.92	-	0%
400,000	5,511.92	5,511.92	-	0%
500,000	7,055.92	7,055.92	-	0%
700,000	10,143.92	10,143.92	-	0%
1,000,000	14,775.92	14,775.92	-	0%
1,500,000	22,495.92	22,495.92	-	0%
2,000,000	30,215.92	30,215.92	-	0%
3,000,000	45,655.92	45,655.92	-	0%
4,000,000	61,095.92	61,095.92	-	0%
5,000,000	76,535.92	76,535.92	-	0%
6,000,000	91,975.92	91,975.92	-	0%
7,100,000	108,959.92	108,959.92	-	0%
7,500,000	115,135.92	115,135.92	-	0%

*Approximately 50,000 -55,000 gallons is the Town average use and approximately 90,000 gallons per year is the State average use.*



## Sewer Enterprise Fund Budget

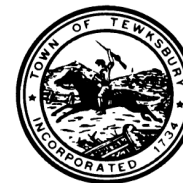
- Comparison Other Communities
  - Based on 90,000 Gallons per year
    - State Average 862 (2017)
    - State Low and State High 229-2,316 (2017)
    - State Median 838 (2017)
    - MWRA Average 1,071 (2021)
    - Non MWRA Communities 843 (2021)
    - Tewksbury (current) 833
    - Tewksbury (proposed) 833

## Comments Sewer Rates

- 74% of the potential users are connected (FY11 there were 62%)
- Future Debt Service
- Projection of future years
- Retained Earnings
- Out of Town users
- State Hospital use

# Stormwater Enterprise Fund





# Stormwater Enterprise Fund Budget

## Stormwater Budget and Revenue

<u>Direct Expenses</u>	<u>FY21 Expended</u>	<u>FY22 Approved</u>	<u>FY23 Recommended</u>	<u>Inc(Dec)</u>
Salaries	-	-	-	-
Expenses	596,616	637,410	593,910	(43,500)
Capital Outlay	-	-	-	-
Reserve Fund	-	25,000	25,000	-
<b>Subtotal</b>	<b>596,616</b>	<b>662,410</b>	<b>618,910</b>	<b>(43,500)</b>
<u>Indirect Expenses</u>				
Subtotal	-	-	-	-
<b>Capital Expenditures</b>	<b>500,000</b>	<b>515,000</b>	<b>500,000</b>	<b>(15,000)</b>
<b>Total Appropriation</b>	<b>1,096,616</b>	<b>1,177,410</b>	<b>1,118,910</b>	<b>(58,500)</b>
<u>Projected Stormwater Revenue</u>	<u>FY21 Collected</u>	<u>FY22 Projected</u>	<u>FY23 Projected</u>	<u>Inc(Dec)</u>
User Fees	1,131,436	1,190,700	1,139,307	(51,393)
<b>Total Revenue</b>	<b>1,131,436</b>	<b>1,190,700</b>	<b>1,139,307</b>	<b>(51,393)</b>
<i>Operating Deficit/Surplus</i>	<i>34,820</i>	<i>13,290</i>	<i>20,397</i>	<i>7,107</i>

The Stormwater Budget will continue to address Stormwater Permit compliance and maintenance and repairs.

Stormwater Fee will remain at \$75 per residential equivalent unit. The surplus in FY21 closed at the end of Fiscal year and was part of Certified Retained Earnings.



## Stormwater Enterprise Fund Budget

- Tewksbury charges a flat fee for residential parcels with three or fewer units. Stormwater fee is based upon a billing metric known as an Equivalent Residential Unit (ERU).
- An ERU is used to compare impact to the stormwater system across different land use types.
- In Tewksbury, the ERU would equal the median impervious surface of a residential parcel with three units or less.
- The ERU in Tewksbury is 4,443SF which the Fee is based upon.
- The current annual flat fee/ERU is \$75 per year and will remain the same in FY23.
- Residential ERUs which is projected to generate an estimated \$693,900 in revenue.
- Large Residential and Commercial ERUs which is projected to generate and estimated \$415,407 in revenue.
- Additional revenue is projected to come from Previous Years Rates - \$15,000, Interest- \$5,000 Liens - \$10,000 for a total of \$30,000



# Stormwater Enterprise Fund Budget

## Future Capital Improvements

- Fiscal Year 2023 - Fiscal Year 2027: **\$3,110,000**
  - **\$2,730,000** - Drains (Stormwater Fee)
  - **\$380,000** - Project Development (Stormwater Fee)
- Capital Improvements Fiscal Year 2023: **\$1,000,000**
  - **\$950,000** - Drains: Bayberry Lane Culvert (\$450,000 from Stormwater Enterprise Fee and \$500,000 from MassDOT grant)
  - **\$50,000** – Project Development: Conduct a Town wide assessment prioritized culverts

*All Capital is Projected to be funded by the Stormwater Fee, Retained Earnings and Grants*

*Stormwater Retained Earnings: \$132,686*



# Capital Improvement Plan FY2023-FY2027



**TOWN OF TEWKSBURY  
CAPITAL PLANNING PROGRAM  
FISCAL YEARS 2023-2027**

**SUMMARY**

DEPARTMENT	PROJECT/PROGRAM	FUNDING SOURCE	FY2023	FY2024	FY2025	FY2026	FY2027	Total
<b>Facilities and Grounds</b>								
	Police Station	R&A/Stab. Fund/CPA Funds/Free Cash	135,000	-	-	-	-	<b>135,000</b>
	Library	R&A/Stab. Fund/CPA Funds/Free Cash	100,000	-	-	400,000	-	<b>500,000</b>
	Town Hall and Town Hall Annex	R&A/Stab. Fund/CPA Funds/Free Cash	25,000	-	-	-	-	<b>25,000</b>
	Senior Center	R&A/Stab. Fund/CPA Funds/Free Cash	-	-	-	-	-	-
	Facilities and Grounds Vehicles and Equipment	R&A/Stab. Fund/CPA Funds/Free Cash	110,000	-	-	-	-	<b>110,000</b>
	Recreation Fields and Facilities Improvements	R&A/Stab. Fund/CPA Funds/Free Cash	157,000	150,000	150,000	150,000	-	<b>607,000</b>
<b>Total Facilities and Grounds</b>			<b>527,000</b>	<b>150,000</b>	<b>150,000</b>	<b>550,000</b>	-	<b>1,377,000</b>
<b>Fire Department</b>								
	New Ambulance and Equipment	R&A/Stab. Fund/Free Cash	-	270,000	-	270,000	-	<b>540,000</b>
	North Fire Station Renovation	R&A/Stab. Fund/Free Cash	-	-	1,250,000	-	-	<b>1,250,000</b>
	New Fire Engine	R&A/Stab. Fund/Free Cash	770,000	-	-	790,000	-	<b>1,560,000</b>
	South Fire Station Renovations	R&A/Stab. Fund/Free Cash	25,000	-	-	-	-	<b>25,000</b>
<b>Total Fire Department</b>			<b>795,000</b>	<b>270,000</b>	<b>1,250,000</b>	<b>1,060,000</b>	-	<b>3,375,000</b>
<b>Public Works Department</b>								
<b>Transportation</b>								
Public Works (General Fund)	Pavement Management Preventative Maintenance	R&A/Stab. Fund/FC/Borrowing/CH90	200,000	200,000	200,000	200,000	200,000	<b>1,000,000</b>
Public Works (General Fund)	Pavement Management Reconstruction/Resurfacing	R&A/Stab. Fund/FC/Borrowing/CH90	575,000	445,000	445,000	445,000	445,000	<b>2,355,000</b>
Public Works (General Fund)	Sidewalks	R&A/Stab. Fund/FC/Borrowing/CH90	650,000	250,000	250,000	250,000	650,000	<b>2,050,000</b>
Public Works (General Fund)	Improvement Projects	R&A/Stab. Fund/FC/Borrowing/CH90	50,000	130,000	65,000	65,000	200,000	<b>510,000</b>
Public Works (General Fund)	Project Development	R&A/Stab. Fund/FC/Borrowing/CH90	-	65,000	100,000	65,000	65,000	<b>295,000</b>
<b>Total Transportation</b>			<b>1,475,000</b>	<b>1,090,000</b>	<b>1,060,000</b>	<b>1,025,000</b>	<b>1,560,000</b>	<b>6,210,000</b>
<b>DPW Facilities/Misc.</b>								
Public Works (General Fund)	DPW/School Maintenance Facility	R&A/Stab. Fund/FC/Borrowing	30,000,000	-	-	-	-	<b>30,000,000</b>
<b>Total DPW Facilities/Misc.</b>			<b>30,000,000</b>	-	-	-	-	<b>30,000,000</b>
<b>Public Works Department</b>								
<b>Fleet and Equipment</b>								
Public Works (General Fund)	Vehicles and Equipment	R&A/Stab. Fund/Free Cash	575,000	345,000	423,000	785,000	415,000	<b>2,543,000</b>
<b>Total Fleet and Equipment</b>			<b>575,000</b>	<b>345,000</b>	<b>423,000</b>	<b>785,000</b>	<b>415,000</b>	<b>2,543,000</b>
<b>Grand Total DPW</b>			<b>32,050,000</b>	<b>1,435,000</b>	<b>1,483,000</b>	<b>1,810,000</b>	<b>1,975,000</b>	<b>38,753,000</b>
<b>Grand Total General Fund</b>			<b>33,372,000</b>	<b>1,855,000</b>	<b>2,883,000</b>	<b>3,420,000</b>	<b>1,975,000</b>	<b>43,505,000</b>

**TOWN OF TEWKSBURY  
CAPITAL PLANNING PROGRAM  
FISCAL YEARS 2023-2027  
SUMMARY**

DEPARTMENT	PROJECT/PROGRAM	FUNDING SOURCE	FY2023	FY2024	FY2025	FY2026	FY2027	Total
<b>Public Works Department</b>								
<b>Sewer Enterprise Fund</b>								
Public Works (Sewer)	Inflow and Infiltration I/I Control	Borrowing/R&A/Retained Earnings	250,000	350,000	350,000	350,000	350,000	<b>1,650,000</b>
Public Works (Sewer)	Sewer Pump Station Improvements	Borrowing/R&A/Retained Earnings	590,000	400,000	250,000	250,000	250,000	<b>1,740,000</b>
Public Works (Sewer)	Collections System Upgrades	Borrowing/R&A/Retained Earnings	-	-	-	-	-	-
Public Works (Sewer)	Fleet and Equipment Replacement Program	R&A/Ent. Fund	145,000	200,000	113,500	43,750	225,000	<b>727,250</b>
<b>Total Sewer Enterprise Fund</b>			<b>985,000</b>	<b>950,000</b>	<b>713,500</b>	<b>643,750</b>	<b>825,000</b>	<b>4,117,250</b>
<b>Public Works Department</b>								
<b>Water Enterprise Fund</b>								
Public Works (Water)	Hydrant Replacement Program	R&A Ent. Fund/Retained Earnings	125,000	125,000	125,000	125,000	125,000	<b>625,000</b>
Public Works (Water)	Water Distribution System Improvements	Borrowing/R&A/Retained Earnings	3,686,981	2,900,000	2,325,000	2,175,000	2,175,000	<b>13,261,981</b>
Public Works (Water)	Water Tank Maint./Upgrades	Borrowing/R&A/Retained Earnings	3,600,000	-	-	-	-	<b>3,600,000</b>
Public Works (Water)	Fleet and Equipment Replacement Program	R&A Ent. Fund/Retained Earnings	145,000	200,000	113,500	43,750	225,000	<b>727,250</b>
<b>Total Water Enterprise Fund</b>			<b>7,556,981</b>	<b>3,225,000</b>	<b>2,563,500</b>	<b>2,343,750</b>	<b>2,525,000</b>	<b>18,214,231</b>
<b>Public Works Department</b>								
<b>Stormwater Enterprise Fund</b>								
Public Works (Stormwater)	Drains	R&A Ent. Fund/Retained Earnings	950,000	480,000	250,000	650,000	400,000	<b>2,730,000</b>
Public Works (Stormwater)	Stormwater Compliance	R&A Ent. Fund/Retained Earnings	-	-	-	-	-	-
Public Works (Stormwater)	Project Development	R&A Ent. Fund/Retained Earnings	50,000	55,000	165,000	55,000	55,000	<b>380,000</b>
<b>Total Stormwater Enterprise Fund</b>			<b>1,000,000</b>	<b>535,000</b>	<b>415,000</b>	<b>705,000</b>	<b>455,000</b>	<b>3,110,000</b>
<b>Telemedia Department</b>								
<b>Telemedia Enterprise Fund</b>								
Telemedia Department	Town Hall Video Upgrade	R&A Ent. Fund/Retained Earnings	229,500	-	-	-	-	<b>229,500</b>
Telemedia Department	TMHS Studio Upgrade	R&A Ent. Fund/Retained Earnings	-	131,000	-	-	-	<b>131,000</b>
Telemedia Department	Custom Broadcast Flypack	R&A Ent. Fund/Retained Earnings	-	-	50,000	-	-	<b>50,000</b>
Telemedia Department	Broadcast Server Replacement	R&A Ent. Fund/Retained Earnings	-	-	-	56,000	-	<b>56,000</b>
<b>Total Telemedia Enterprise Fund</b>			<b>229,500</b>	<b>131,000</b>	<b>50,000</b>	<b>56,000</b>	-	<b>466,500</b>
<b>Grand Total All Capital Projects Per Year</b>			<b>43,143,481</b>	<b>6,696,000</b>	<b>6,625,000</b>	<b>7,168,500</b>	<b>5,780,000</b>	
<b>Grand Total All Projects All Years</b>								<b>69,412,981</b>

**TOWN OF TEWKSBURY  
CAPITAL PLANNING PROGRAM**

**FISCAL YEARS 2023-2027**

**GENERAL FUND PROJECTS THAT WILL BE FUNDED BY RAISE AND APPROPRIATE TRANSFER FROM STABILIZATION FUND, CPA FUNDS OR FREE CASH**

<b>DEPARTMENT</b>	<b>PROJECT/PROGRAM</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
<b>Facilities and Grounds</b>							
	Police Station	135,000	-	-	-	-	135,000
	Library	100,000			400,000	-	500,000
	Town Hall and Town Hall Annex	25,000		-	-	-	25,000
	Senior Center	-	-	-	-	-	-
	Facilities and Grounds Vehicles and Equipment	110,000	-	-	-	-	110,000
	Recreation Fields and Facilities Improvements	157,000	150,000	150,000	150,000	-	607,000
<b>Total Facilities and Grounds</b>		<b>527,000</b>	<b>150,000</b>	<b>150,000</b>	<b>550,000</b>	<b>-</b>	<b>1,377,000</b>
<b>Fire Department</b>							
	New Ambulance and Equipment		270,000		270,000		540,000
	North Fire Station Renovation			1,250,000			1,250,000
	New Fire Engine	770,000			790,000	-	1,560,000
	South Fire Station Renovations	25,000					25,000
<b>Total Fire Department</b>		<b>795,000</b>	<b>270,000</b>	<b>1,250,000</b>	<b>1,060,000</b>	<b>-</b>	<b>3,375,000</b>
<b>Public Works Department</b>							
<b>Transportation</b>							
Public Works (General Fund)	Pavement Management Preventative Maintenance	-	-	-	-	-	-
Public Works (General Fund)	Pavement Management Reconstruction/Resurfacing	-	-	-	-	-	-
Public Works (General Fund)	Sidewalks	250,000	250,000	250,000	250,000	250,000	1,250,000
Public Works (General Fund)	Improvement Projects	-	-	-	-	-	-
Public Works (General Fund)	Project Development	-	-	-	-	-	-
<b>Total Transportation</b>		<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>1,250,000</b>
<b>DPW Facilities/Misc.</b>							
Public Works (General Fund)	DPW/School Maintenance Facility	5,000,000		-	-	-	5,000,000
<b>Total DPW Facilities/Misc.</b>		<b>5,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,000,000</b>
<b>Public Works Department</b>							
<b>Fleet and Equipment</b>							
Public Works (General Fund)	Vehicles and Equipment	575,000	345,000	423,000	785,000	415,000	2,543,000
<b>Total Fleet and Equipment</b>		<b>575,000</b>	<b>345,000</b>	<b>423,000</b>	<b>785,000</b>	<b>415,000</b>	<b>2,543,000</b>
<b>Total DPW</b>		<b>825,000</b>	<b>595,000</b>	<b>673,000</b>	<b>1,035,000</b>	<b>665,000</b>	<b>3,793,000</b>
<b>Grand Total General Fund</b>		<b>2,147,000</b>	<b>1,015,000</b>	<b>2,073,000</b>	<b>2,645,000</b>	<b>665,000</b>	<b>8,545,000</b>

**TOWN OF TEWKSBURY**  
**CAPITAL PLANNING PROGRAM**  
**FISCAL YEARS 2023-2027**

**PROJECTS FUNDED BY CHAPTER 90, OTHER MA HIGHWAY PROGRAMS AND VARIOUS STATE AND PRIVATE GRANTS**

<b>DEPARTMENT</b>	<b>PROJECT/PROGRAM</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
<b>Public Works Department</b>							
<b>Transportation</b>							
Public Works (General Fund)	Pavement Management Preventative Maintenance	200,000	200,000	200,000	200,000	200,000	<b>1,000,000</b>
Public Works (General Fund)	Pavement Management Reconstruction/Resurfacing	575,000	445,000	445,000	445,000	445,000	<b>2,355,000</b>
Public Works (General Fund)	Sidewalks	400,000	-	-	-	400,000	<b>800,000</b>
Public Works (General Fund)	Improvement Projects	50,000	130,000	65,000	65,000	200,000	<b>510,000</b>
Public Works (General Fund)	Project Development	-	65,000	100,000	65,000	65,000	<b>295,000</b>
<b>Total Transportation</b>		<b>1,225,000</b>	<b>840,000</b>	<b>810,000</b>	<b>775,000</b>	<b>1,310,000</b>	<b>4,960,000</b>

**TOWN OF TEWKSBURY  
CAPITAL PLANNING PROGRAM  
FISCAL YEARS 2023-2027**

**ENTERPRISE FUND PROJECTS THAT WILL BE FUNDED BY RAISE AND APPROPRIATE, RETAINED EARNINGS OR ENTERPRISE STABILIZATION FUND**

<b>DEPARTMENT</b>	<b>PROJECT/PROGRAM</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
<b>Public Works Department</b>							
<b>Sewer Enterprise Fund</b>							
Public Works (Sewer)	Inflow and Infiltration I/I Control	250,000	350,000	350,000	350,000	350,000	<b>1,650,000</b>
Public Works (Sewer)	Sewer Pump Station Improvements	590,000	400,000	250,000	250,000	250,000	<b>1,740,000</b>
Public Works (Sewer)	Collections System Upgrades	-	-	-	-	-	-
Public Works (Sewer)	Fleet and Equipment Replacement Program	145,000	200,000	113,500	43,750	225,000	<b>727,250</b>
<b>Total Sewer Enterprise Fund</b>		<b>985,000</b>	<b>950,000</b>	<b>713,500</b>	<b>643,750</b>	<b>825,000</b>	<b>4,117,250</b>
<b>Public Works Department</b>							
<b>Water Enterprise Fund</b>							
Public Works (Water)	Hydrant Replacement Program	125,000	125,000	125,000	125,000	125,000	<b>625,000</b>
Public Works (Water)	Water Distribution System Improvements	<b>3,686,981</b>	<b>2,900,000</b>	75,000	75,000	75,000	<b>6,811,981</b>
Public Works (Water)	Water Tank Maint./Upgrades	1,800,000	-	-	-	-	<b>1,800,000</b>
Public Works (Water)	Fleet and Equipment Replacement Program	145,000	200,000	113,500	43,750	225,000	<b>727,250</b>
<b>Total Water Enterprise Fund</b>		<b>5,756,981</b>	<b>3,225,000</b>	<b>313,500</b>	<b>243,750</b>	<b>425,000</b>	<b>9,964,231</b>
<b>Public Works Department</b>							
<b>Stormwater Enterprise Fund</b>							
Public Works (Stormwater)	Drains	<i>950,000</i>	480,000	250,000	650,000	400,000	<b>2,730,000</b>
Public Works (Stormwater)	Stormwater Compliance	-	-	-	-	-	-
Public Works (Stormwater)	Project Development	50,000	55,000	165,000	55,000	55,000	<b>380,000</b>
<b>Total Stormwater and Drainage</b>		<b>1,000,000</b>	<b>535,000</b>	<b>415,000</b>	<b>705,000</b>	<b>455,000</b>	<b>3,110,000</b>
<b>Telemedia Department</b>							
<b>Telemedia Enterprise Fund</b>							
Telemedia Department	Town Hall Video Upgrade	229,500	-	-	-	-	<b>229,500</b>
Telemedia Department	TMHS Studio Upgrade	-	131,000	-	-	-	<b>131,000</b>
Telemedia Department	Custom Broadcast Flypack	-	-	50,000	-	-	<b>50,000</b>
Telemedia Department	Broadcast Server Replacement	-	-	-	56,000	-	<b>56,000</b>
<b>Total Telemedia Enterprise Fund</b>		<b>229,500</b>	<b>131,000</b>	<b>50,000</b>	<b>56,000</b>	<b>-</b>	<b>466,500</b>
<b>Grand Total Per Year</b>		<b>7,971,481</b>	<b>4,841,000</b>	<b>1,492,000</b>	<b>1,648,500</b>	<b>1,705,000</b>	
<b>Grand Total All Projects All Years</b>							<b>17,657,981</b>
<i>Bold and Italics in Water is ARPA funded Projects and existing funds for Water Meters.</i>							
<i>Bold and Italics in Stormwater includes 500,000 in a MassDOT Grant for Bayberry Lane Culvert.</i>							

<b>GENERAL FUND DEBT</b>										
<b>GENERAL FUND CAPITAL PROJECTS TO BE APPROPRIATED THROUGH BORROWING</b>										
<b>FISCAL YEARS 2023-2027</b>										
	Amount	Debt Term	Interest Rate	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	
<b>FISCAL YEAR 2023 CAPITAL PROJECTS</b>										
DPW/School Maintenance Facility	25,000,000	20	3.1%	1,589,178	2,093,750	2,031,250	1,968,750	1,906,250	1,843,750	
<b>TOTAL FY23 Debt</b>				<b>1,589,178</b>	<b>2,093,750</b>	<b>2,031,250</b>	<b>1,968,750</b>	<b>1,906,250</b>	<b>1,843,750</b>	
<b>FISCAL YEAR 2024 CAPITAL PROJECTS</b>										
<b>TOTAL FY24 Debt</b>				-						
<b>FISCAL YEAR 2025 CAPITAL PROJECTS</b>										
<b>TOTAL FY25 Debt</b>	-			-	-	-	-	-	-	-
<b>FISCAL YEAR 2026 CAPITAL PROJECTS</b>										
<b>TOTAL FY26 Debt</b>	-			-						
<b>FISCAL YEAR 2027 CAPITAL PROJECTS</b>										
<b>TOTAL FY27 Debt</b>	-			-	-	-	-	-	-	-
Total New Exempt Debt				-	-	-	-	-	-	-
Total Existing Exempt Debt				12,042,522	11,524,944	11,304,069	11,036,819	10,475,863	10,107,188	
<b>Total All Exempt Debt</b>				<b>12,042,522</b>	<b>11,524,944</b>	<b>11,304,069</b>	<b>11,036,819</b>	<b>10,475,863</b>	<b>10,107,188</b>	
Increase Over Previous Fiscal Year Debt Service					(517,578)	(220,875)	(267,250)	(560,956)	(368,675)	
Total New Non-Exempt Debt				1,589,178	2,093,750	2,031,250	1,968,750	1,906,250	1,843,750	
Total Existing Non Exempt Debt				308,731	288,281	278,031	267,781	259,581	253,431	
<b>Total All Non-Exempt Debt</b>				<b>1,897,909</b>	<b>2,382,031</b>	<b>2,309,281</b>	<b>2,236,531</b>	<b>2,165,831</b>	<b>2,097,181</b>	
Increase Over Previous Fiscal Year Debt Service					2,073,300	2,000,550	1,948,250	1,887,800	1,829,400	
Total New CPA Existing Debt				-	-	-	-	-	-	
Total CPA Existing Debt				340,400	328,900	317,400	305,900	300,438	294,688	
<b>Total All CPA Debt</b>				<b>340,400</b>	<b>328,900</b>	<b>317,400</b>	<b>305,900</b>	<b>300,438</b>	<b>294,688</b>	
Increase Over Previous Fiscal Year Debt Service				340,400	(11,500)	(23,000)	(23,000)	(16,963)	(11,213)	
<b>Grand Total All Debt</b>				<b>14,280,830</b>	<b>14,235,875</b>	<b>13,930,750</b>	<b>13,579,250</b>	<b>12,942,131</b>	<b>12,499,056</b>	
Increase Over Previous Fiscal Year Debt Service				14,280,830	(44,955)	(305,125)	(351,500)	(637,119)	(443,075)	

**WATER ENTERPRISE FUND DEBT**

<b>CAPITAL PROJECT WATER ENTERPRISE FUNDS TO BE APPROPRIATED THROUGH BORROWING</b>									
<b>FISCAL YEARS 2023-2027</b>									
		<b>Amount</b>	<b>Debt Term</b>	<b>Interest Rate</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>
<b>FISCAL YEAR 2023 CAPITAL PROJECTS</b>									
	Water Tank Maintenance and Upgrades	1,800,000	10	3.1%	235,800	230,220	224,640	219,060	213,480
	DPW/School Maintenance Facility	Water share of 25,000,000			146,877	146,877	146,877	146,877	146,877
<b>TOTAL FY23 Debt</b>		<b>1,800,000</b>			<b>382,677</b>	<b>377,097</b>	<b>371,517</b>	<b>365,937</b>	<b>360,357</b>
<b>FISCAL YEAR 2024 CAPITAL PROJECTS</b>									
<b>TOTAL FY24 Debt</b>									
<b>FISCAL YEAR 2025 CAPITAL PROJECTS</b>									
	Water Distribution System Improvements	2,250,000	10	3.1%			294,750	287,775	280,800
<b>TOTAL FY25 Debt</b>		<b>2,250,000</b>			<b>-</b>	<b>-</b>	<b>294,750</b>	<b>287,775</b>	<b>280,800</b>
<b>FISCAL YEAR 2026 CAPITAL PROJECTS</b>									
	Water Distribution System Improvements	2,100,000	10	3.1%				275,100	268,590
<b>TOTAL FY26 Debt</b>		<b>2,100,000</b>						<b>275,100</b>	<b>268,590</b>
<b>FISCAL YEAR 2027 CAPITAL PROJECTS</b>									
	Water Distribution System Improvements	2,100,000	10	3.1%		-			275,100
<b>TOTAL FY27 Debt</b>		<b>2,100,000</b>			<b>-</b>	<b>-</b>			<b>275,100</b>

TOTAL ALL NEW DEBT	<b>8,250,000</b>				382,677	377,097	666,267	928,812	1,184,847
TOTAL EXISTING DEBT WATER			<b>FY22</b>	2,364,357	2,191,025	2,136,275	1,926,025	1,694,630	1,612,730
GRAND TOTAL EXISTING AND NEW DEBT SERVICE					2,573,702	2,513,372	2,592,292	2,623,442	2,797,577
INCREASE OVER PREVIOUS FISCAL YEAR'S DEBT SERVICE					209,345	(60,330)	78,920	31,150	174,135



**TOWN OF TEWKSBURY**  
**CAPITAL PLANNING PROGRAM**  
**FISCAL YEARS 2023-2027**  
**SUMMARY**

<b>Capital Plan Summary</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>Total</b>
General Fund	33,372,000	1,855,000	2,883,000	3,420,000	1,975,000	43,505,000
Sewer Enterprise Fund	985,000	950,000	713,500	643,750	825,000	4,117,250
Water Enterprise Fund	7,556,981	3,225,000	2,563,500	2,343,750	2,525,000	18,214,231
Stormwater Enterprise Fund	1,000,000	535,000	415,000	705,000	455,000	3,110,000
Telemedia Enterprise Fund	229,500	131,000	50,000	56,000	-	466,500
<b>Total Capital Plan Funded</b>	<b>43,143,481</b>	<b>6,696,000</b>	<b>6,625,000</b>	<b>7,168,500</b>	<b>5,780,000</b>	<b>69,412,981</b>
<b>Annual Capital Improvement Plan Cost</b>						
R&A or Transfer from Stabilization Fund or Free Cash	2,147,000	1,015,000	2,073,000	2,645,000	665,000	8,545,000
Chapter 90, Other MA Highway Programs and Grants	1,225,000	840,000	810,000	775,000	1,310,000	4,960,000
General Fund Debt Service	1,589,178	2,093,750	2,031,250	1,968,750	1,906,250	9,589,178
R&A or Transfer from Sewer Enterprise Fund	985,000	950,000	713,500	643,750	825,000	4,117,250
R&A or Transfer from Water Enterprise Fund	5,756,981	3,225,000	313,500	243,750	425,000	9,964,231
R&A or Transfer from Stormwater Enterprise Fund	1,000,000	535,000	415,000	705,000	455,000	3,110,000
R&A or Transfer from Telemedia Enterprise Fund	229,500	131,000	50,000	56,000	-	466,500
Water Enterprise Funds Debt Service	382,677	377,097	666,267	928,812	1,184,847	3,539,700
<b>Total Fiscal Year Cost</b>	<b>13,315,336</b>	<b>9,166,847</b>	<b>7,072,517</b>	<b>7,966,062</b>	<b>6,771,097</b>	<b>44,291,859</b>



# Capital Plan FY23: Proposed Expenditures

## Projects and Equipment to be funded from the Stabilization Fund and CPA Funds

<b>Stabilization Fund Balance</b>	<b>11,425,414</b>
<b>DPW</b>	
Replace F-550 w/plow package	110,000
6 Wheel Dump w/plow package	230,000
6-8 Yard sander (slide-in)	20,000
Aerial Lift Bucket Truck	215,000
<b>Total DPW</b>	<b>575,000</b>
<b>Fire</b>	
Replacement of 2008 Pierce Fire engine	760,000
Renovation of South Fire Station living quarters	25,000
<b>Total Fire</b>	<b>785,000</b>
<b>Facilities and Grounds</b>	
F-350 w/plow package	100,000
Police Department Upgrades	130,000
<b>Total Facilities and Grounds</b>	<b>230,000</b>
<b>Total</b>	<b>1,590,000</b>
<b>Balance Stabilization Fund After Transfer</b>	<b>9,835,414</b>
<b>Community Preservation Funds Undesignated Fund</b>	<b>1,201,881</b>
<b>Facilities and Grounds</b>	
Skate Park Upgrades	157,000
Town Common Park Benches	37,000
<b>Total Facilities and Grounds</b>	<b>194,000</b>
<b>Balance CPA Undesignated Fund Fund After Transfer</b>	<b>1,007,881</b>

# Capital Plan FY23: Proposed Expenditures



## Projects and Equipment Enterprise Funds

### Water Enterprise Fund

**Water Retained Earning Balance** 2,271,795

### Transfer Retained Earnings

Ford F-150	30,000	Split 50% with Sewer
6-Wheel Dump Truck with plow package	115,000	Split 50% with Sewer
Hydrant Replacement/Install	125,000	
Water Tank Upgrades	<u>1,800,000</u>	
<b>Total</b>	<b>2,070,000</b>	

**Balance Retained Earnings** 201,795

### Sewer Enterprise Fund

**Sewer Retained Earning Balance** 6,699,211

### Transfer Sewer Retained Earnings

Ford F-150	30,000	Split 50% with Water
6-Wheel Dump Truck with plow package	115,000	Split 50% with Water
Inflow and Infiltration Control	250,000	
Pump Station Improvements	<u>590,000</u>	
<b>Total</b>	<b>985,000</b>	

**Balance Retained Earnings** 5,714,211

### Stormwater Enterprise Budget Fee/Grant

Drains	<u>1,000,000</u>
<b>Total</b>	<b>1,000,000</b>

### Telemedia Enterprise Budget Cable TV Franchise Fee

Town Hall Video and sound Upgrade	<u>229,500</u>
<b>Total</b>	<b>229,500</b>

## Comments on Capital Plan

- DPW Equipment
- Pavement Management
- Stormwater Permit Compliance
- Sidewalks
- Town and School Facilities

## Future needs to be addressed at October Special Town Meeting

Use of Free Cash and other available funds or new revenue

- Address FY23 Town and School operating budget needs/priorities that were not funded during the budget process or that may occur after May Town Meetings. Areas include School staffing and operating, Public Safety staffing and overtime, DPW staffing, ongoing infrastructure and facility maintenance.
- Fund Capital Equipment and Improvements not addressed in Facilities and Grounds projects which include Library Carpet-\$100,000, Sidewalks-\$250,000 and upgrades to Town Hall Annex-\$25,000. All will be addressed in the October.
- Set aside \$600,000 from Free Cash for possible FY23 snow ice deficit
- After Free Cash is certified July 1, the plan will be to use that Free Cash to replenish the Stabilization Fund with the \$1,590,000 used for Capital Items at May Annual Town Meeting and as always, the priority will be to transfer more than that amount.
- DPW/School Facility and Improvements.
- Use available funds to address Town and School Facilities, Equipment and Infrastructure needs that may occur or identified after May Town Meetings.