

# Capital Recommendations and Funding Sources

## Section Two

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**FY2023  
Capital Budget  
Funding Recommendations**

Title	Code*	Function	Cat *	2023 Department Request	Cash	Debt	Other	Note	Page
Bigbelly Trash Receptacles	N	Community	1	135,000	135,000			Recommended as Tier II.	3 -144
Center at the Heights Generator Installation Design	M	Community	2	27,000	27,000				3 -075
Center at the Heights Space Utilization Study	P	Community	2	75,000	75,000				3 -160
Centre Street Bridge Replacement	N	Transportation Network	3	1,650,000			1,650,000	The construction cost is estimated at \$10.82 million.	3 -105
Claxton Field Lighting Installation and Softball Field Skin Replacement	M	Community	3	817,000	817,000			Recommendation \$817,000 funded by the General Fund and \$1,008,000 funded by CPA Fund.	3 -140
Cricket Field Building Improvements	M	Community	2	50,000	50,000			Recommended as Tier II.	3 -170
Emery Grover Building Renovation	M	Schools	5	13,400,000		13,400,000		Recommendation \$13.4M funded within the levy and \$6.0M funded by CPA.	3 -046
Fleet - Brush Truck C6 (Fire)	LM	Public Safety	4	84,845	84,845				3 -221
Fleet - Heavy Duty Truck Class 8 Packer Unit 5 (Solid Waste)	LM	Public Works	4	291,255	291,255				3 -221
Fleet - School Bus Unit 2 (School)	LM	Schools	4	108,100	108,100				3 -221
Fleet - Sidewalk Tractor Plow Unit 108 (Highway)	LM	Public Works	4	298,670	298,670				3 -221
Fleet - Specialty Trailer Unit 59 (Solid Waste)	LM	Public Works	4	100,112	100,112				3 -221
Fleet - Utility Van Class 2 Unit 700 (Building Maintenance)	CM	Public Works	4	71,547	71,547				3 -221
Fleet - Work Truck Class 4 (Parks)	N	Public Works	4	83,638	83,638			This would be an additional vehicle for parks maintenance division.	3 -221
Fleet - Work Truck Class 4 Unit 713 (Building Maintenance)	LM	Public Works	4	86,168	86,168				3 -221
GIS Technology Systems	P	General	1	120,000	120,000				3 -004
High School Tennis Court Improvements	N	Community	3	50,000	50,000			The construction funding is estimated at \$550K.	3 -174

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Capital Budget  
Funding Recommendations**

Title	Code*	Function	Cat *	2023 Department Request	Cash	Debt	Other	Note	Page
Hillside School Boiler Installation	M	General	2	275,000	275,000			Based on design estimate.	3 -092
Library Space Planning Consultant	S	Community	2	60,000	60,000			Requested for FY2022 but was not funded. Recommended as Tier II.	3 -164
Library Technology	P	Community	1	26,280	26,280				3 -166
Open Space Acquisitions	PI	Community	5	1,000,000				A specific parcel for \$1M has not been presented.	3 -186
Personal Protective Equipment	MR	Public Safety	1	53,174	53,174				3 -017
Pollard School Locker Room Retrofit	M	Schools	2	1,068,500	1,068,500			Recommended as Tier II due to the increase in the estimated cost. The roof top unit replacement design request has been substituted as Tier I.	3 -099
Public Safety Mobile Devices	P	Public Safety	1	50,000	50,000				3 -005
Public Works Facilities Improvements	M	Public Works	5	60,000	60,000			Requested for FY2022 but was not funded. Recommended as Tier II.	3 -064
Public Works Infrastructure Program	MR	Transportation Network	3	3,951,000	3,951,000			\$2,655,000 recommended at Tier I; \$1,296,000 recommended as Tier II.	3 -127
Public Works Mobile Devices	P	Public Works	1	50,000	50,000				3 -006
Recycling and Transfer Station Property Improvements	M	Public Works	3	47,500	47,500				3 -146
Roof Top Unit Replacement (Broadmeadow & Eliot Schools)	N	Schools	2	817,750	817,750			New request but a high priority item. Estimated construction cost is \$5.25 million.	3 -070
School Copiers	MR	Schools	1	53,275	53,275				3 -024
School Furniture	R	Schools	1	25,000	25,000				3 -030
School Master Plan Financing & Scheduling Options	NBS	Schools	5	75,000	75,000			May not meet the definition of capital. Tier II.	3 -049
School Technology	R	Schools	1	437,000	437,000				3 -036
Town Offices Replacement Furniture	P	General	1	25,000	25,000				3 -001



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**FY2023  
Capital Budget  
Funding Recommendations**

Title	Code*	Function	Cat *	2023 Department Request	Cash	Debt	Other	Note	Page
Traffic Improvements	R	Transportation Network	3	50,000	50,000				3 -113
Walker Pond Improvements	P	Community	3	356,000	356,000			May be eligible for ARPA funding.	3 -119
<b>General Fund</b>				25,928,814	9,878,814	13,400,000	1,650,000		
Boat Launch Construction	P	Community	3	285,000	285,000				3 -102
Claxton Field Lighting Installation and Softball Field Skin Replacement	M	Community	3	1,008,000	1,008,000			Recommendation \$817,000 funded by the General Fund and \$1,008,000 funded by CPA Fund.	3 -140
Emery Grover Building Renovation	M	Schools	5	6,000,000		6,000,000		Recommendation \$13.4M funded within the levy and \$6.0M funded by CPA.	3 -046
<b>Community Preservation Fund</b>				7,293,000	1,293,000	6,000,000			
Fleet - Heavy Duty Truck Class 8 Large Dump Unit 19	L	Utilities	4	291,255	291,255			Funding request replaces Unit 37. Current vehicle will be retained as a back-up.	3 -221
Sewer Main Greendale/Rte. 128 (Cheney to GPA)	M	Utilities	3	1,110,000	610,000		500,000	Project may be eligible for funding in part by ARPA. The construction cost is estimated at \$9.3 million.	3 -202
<b>Sewer Enterprise Fund</b>				1,401,255	901,255		500,000		
No Requests									
<b>Water Enterprise Fund</b>									

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FY2023  
Capital Budget  
Funding Recommendations

Title	Code*	Function	Cat *	2023 Department Request	Cash	Debt	Other	Note	Page
<b>Grand Total</b>				34,623,069	12,073,069	19,400,000	2,150,000		

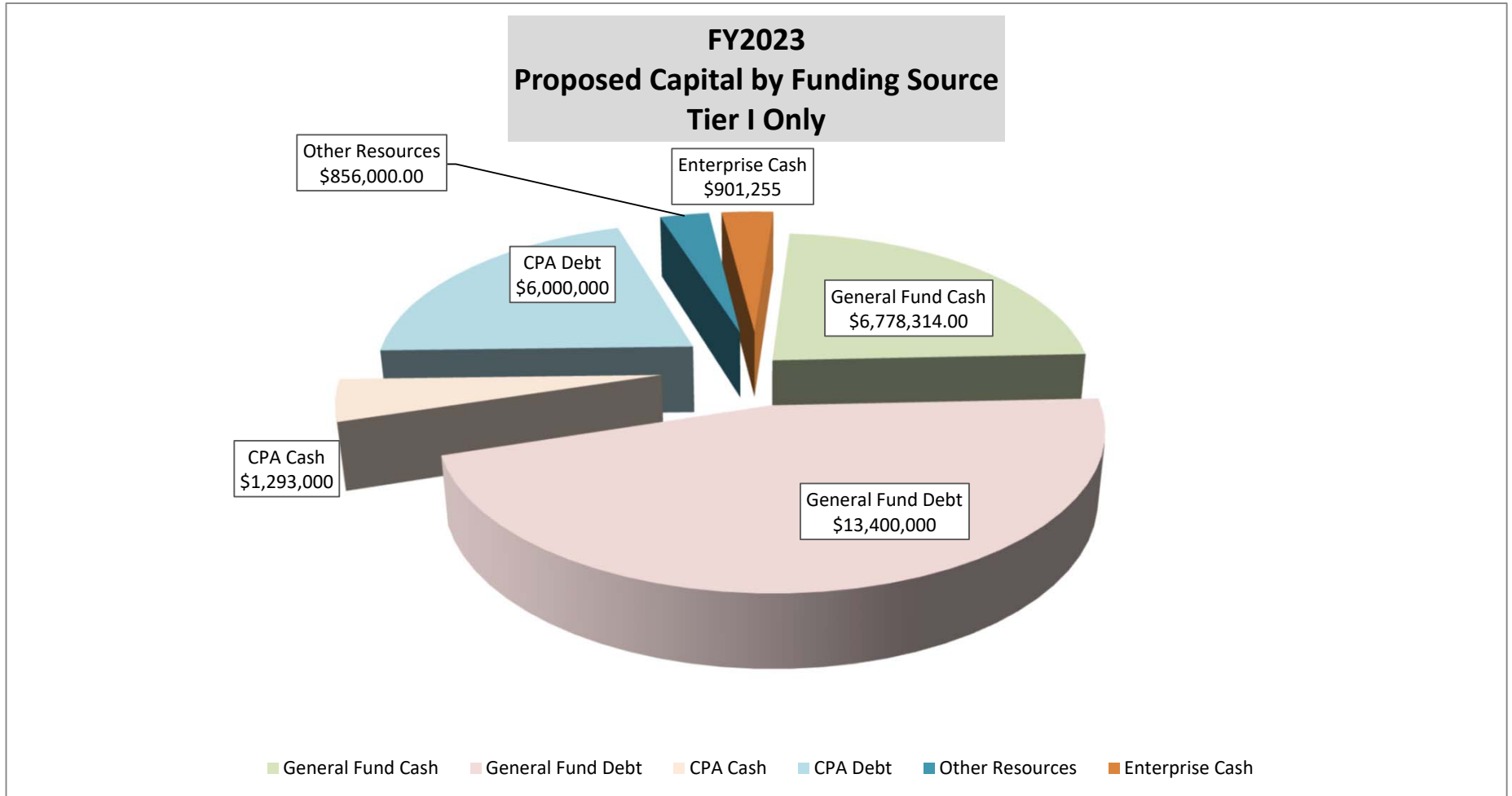
Code  
 B = Funding may be considered under the operating budget/special warrant article  
 C = Core Fleet  
 D = Recommendation is deferred or on hold pending other actions  
 E = Emergency approval  
 F = Funded appropriation outside the capital plan  
 G = Request may not qualify as capital submission  
 L = Specialized Fleet Equipment  
 I = Project submission is incomplete or waiting additional information  
 M = Submission has been modified from previous submission  
 N = New submission with this CIP  
 P = Project request has appeared in previous CIP's  
 Q = Request does not qualify as a capital submission  
 R = Request is a regularly occurring capital expense  
 S = No recommendation; under study  
 U = Urgent request based on identified conditions

Cat (Category)  
 1 = Equipment or Technology  
 2 = Building or Facility  
 3 = Infrastructure  
 4 = Fleet  
 5 = Extraordinary

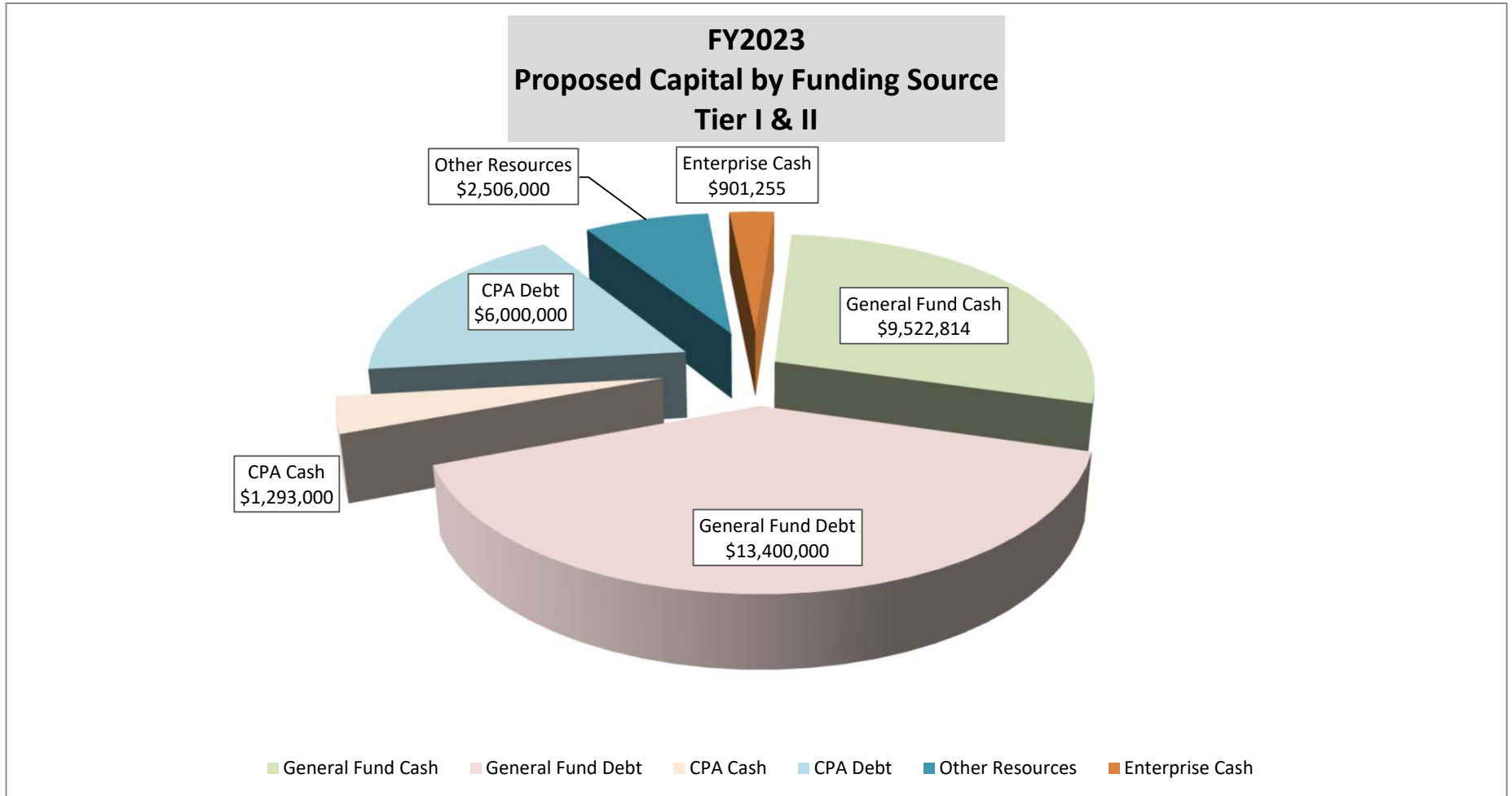
Truck Classification  
 Class 1 = Smallest Pick-up Trucks 6,000 lbs.  
 Class 2 = Full Size or 1/2 Ton Pick-up Trucks 6K to 10K lbs. (ex Ford F150/F  
 Class 3 = Heavy Duty Pick-up Trucks 10K to 14K lbs. (ex Ford F350)  
 Class 4 = Medium Size Work Trucks 14K to 16K lbs. (ex Ford F450)  
 Class 5 = Medium Job Trucks 16K to 19.5K lbs. (ex Ford F550)  
 Class 6 = Medium to Large Trucks 19.5K to 26K (ex Ford F650)  
 Class 7 = Heavy Duty Trucks 26K to 33K (ex Ford F750) Requires Class B C  
 Class 8 = Largest Heavy Duty Trucks 33K lbs. or more (specialized equipme

**Note: ARPA is the American Rescue Plan Act.**

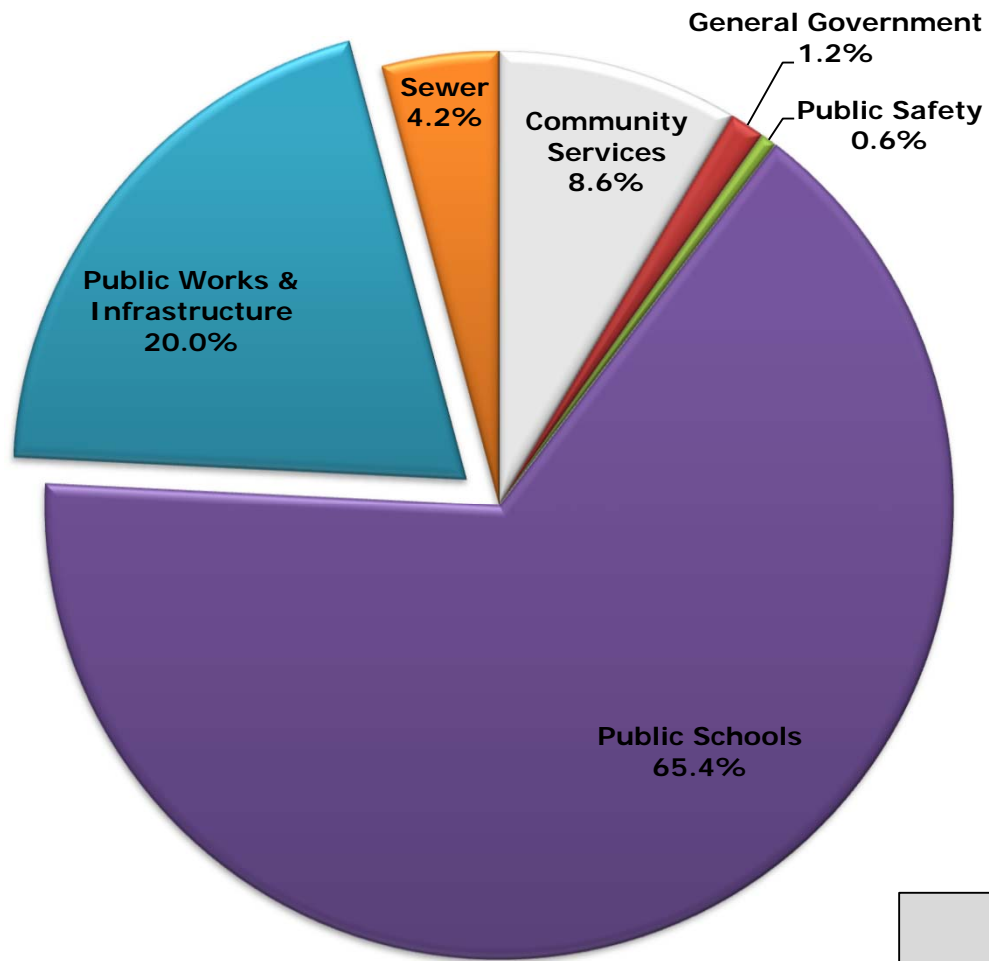
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**FY2023 Proposed Capital by Function  
Tier I & II**



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**FY2023**  
**Capital Project Requests**  
**Tier One Recommendations**

Title	Code*	Department	Function	Cat*	Department Request	Recommended Tier 1	Cash	Debt	TBD	Page
Bigbelly Trash Receptacles	N	Recreation	Community	1	135,000				135,000	<b>3-144</b>
Center at the Heights Generator Installation Design	M	HHS	Community	2	27,000	27,000	27,000			<b>3-075</b>
Center at the Heights Space Utilization Study	P	HHS	Community	2	75,000	75,000	75,000			<b>3-160</b>
Centre Street Bridge Replacement	N	Engineering	Transportation Network	3	1,650,000				1,650,000	<b>3-105</b>
Claxton Field Lighting Installation and Softball Field Skin Replacement	M	Recreation	Community	3	817,000	817,000	817,000			<b>3-140</b>
Cricket Field Building Improvements	M	Recreation	Community	2	50,000				50,000	<b>3-170</b>
Emery Grover Building Renovation	M	Schools	Schools	5	13,400,000	13,400,000		13,400,000		<b>3-046</b>
Fleet - Brush Truck C6 (Fire)	LM	Fire	Public Safety	4	84,845	84,845	84,845			<b>3-221</b>
Fleet - Heavy Duty Truck Class 8 Packer Unit 5 (Solid Waste)	LM	RTS	Public Works	4	291,255	291,255	291,255			<b>3-221</b>
Fleet - School Bus Unit 2 (School)	LM	Schools	Schools	4	108,100	108,100	108,100			<b>3-221</b>
Fleet - Sidewalk Tractor Plow Unit 108 (Highway)	LM	Highway	Public Works	4	298,670	298,670	298,670			<b>3-221</b>
Fleet - Specialty Trailer Unit 59 (Solid Waste)	LM	RTS	Public Works	4	100,112	100,112	100,112			<b>3-221</b>
Fleet - Utility Van Class 2 Unit 700 (Building Maintenance)	CM	Bldg. Maint	Public Works	4	71,547	71,547	71,547			<b>3-221</b>
Fleet - Work Truck Class 4 (Parks)	N	Parks	Public Works	4	83,638	83,638	83,638			<b>3-221</b>

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**FY2023**  
**Capital Project Requests**  
**Tier One Recommendations**

Title	Code*	Department	Function	Cat*	Department Request	Recommended Tier 1	Cash	Debt	TBD	Page
Fleet - Work Truck Class 4 Unit 713 (Building Maintenance)	LM	Bldg. Maint	Public Works	4	86,168	86,168	86,168			<b>3-221</b>
GIS Technology Systems	P	ITC	General	1	120,000	120,000	120,000			<b>3-004</b>
High School Tennis Court Improvements	N	Recreation	Community	3	50,000	50,000	50,000			<b>3-174</b>
Hillside School Boiler Installation	M	Bldg. Maint	General	2	275,000	275,000	275,000			<b>3-092</b>
Library Space Planning Consultant	S	Library	Community	2	60,000				60,000	<b>3-164</b>
Library Technology	P	Library	Community	1	26,280	26,280	26,280			<b>3-166</b>
Open Space Acquisitions	PI	Various	Community	5	1,000,000				1,000,000	<b>3-186</b>
Personal Protective Equipment	MR	Fire	Public Safety	1	53,174	53,174	53,174			<b>3-017</b>
Pollard School Locker Room Retrofit	M	Bldg. Maint	Schools	2	1,068,500				1,068,500	<b>3-099</b>
Public Safety Mobile Devices	P	ITC	Public Safety	1	50,000	50,000	50,000			<b>3-005</b>
Public Works Facilities Improvements	M	DPW	Public Works	5	60,000				60,000	<b>3-064</b>
Public Works Infrastructure Program	MR	Highway	Transportation Network	3	3,951,000	2,655,000	2,655,000		1,296,000	<b>3-127</b>
Public Works Mobile Devices	P	ITC	Public Works	1	50,000	50,000	50,000			<b>3-006</b>
Recycling and Transfer Station Property Improvements	M	RTS	Public Works	3	47,500	47,500	47,500			<b>3-146</b>
Roof Top Unit Replacement (Broadmeadow & Eliot Schools)	N	Bldg. Maint	Schools	2	817,750	817,750	817,750			<b>3-070</b>

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**FY2023**  
**Capital Project Requests**  
**Tier One Recommendations**

Title	Code*	Department	Function	Cat*	Department Request	Recommended Tier 1	Cash	Debt	TBD	Page
School Copiers	MR	Schools	Schools	1	53,275	53,275	53,275			<b>3-024</b>
School Furniture	R	Schools	Schools	1	25,000	25,000	25,000			<b>3-030</b>
School Master Plan Financing & Scheduling Options	NBS	Schools	Schools	5	75,000				75,000	<b>3-049</b>
School Technology	R	Schools	Schools	1	437,000	437,000	437,000			<b>3-036</b>
Town Offices Replacement Furniture	P	Town Manager	General	1	25,000	25,000	25,000			<b>3-001</b>
Traffic Improvements	R	Engineering	Transportation Network	3	50,000	50,000	50,000			<b>3-113</b>
Walker Pond Improvements	P	Engineering	Community	3	356,000	356,000			356,000	<b>3-119</b>
<b>TOTAL</b>					<b>25,928,814</b>	<b>20,534,314</b>	<b>6,778,314</b>	<b>13,400,000</b>	<b>5,750,500</b>	
<b>Community Preservation Fund</b>										
Boat Launch Construction	P	Engineering	Community	3	285,000	285,000	285,000			<b>3-102</b>
Claxton Field Lighting Installation and Softball Field Skin Replacement	M	Recreation	Community	3	1,008,000	1,008,000	1,008,000			<b>3-140</b>
Emery Grover Building Renovation	M	Schools	Schools	5	6,000,000	6,000,000		6,000,000		<b>3-046</b>
<b>TOTAL</b>					<b>7,293,000</b>	<b>7,293,000</b>	<b>1,293,000</b>	<b>6,000,000</b>		



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**FY2023  
Capital Project Requests  
Tier One Recommendations**

Title	Code*	Department	Function	Cat*	Department Request	Recommended Tier 1	Cash	Debt	TBD	Page
<b>Sewer Enterprise</b>										
Fleet - Heavy Duty Truck Class 8 Large Dump Unit 19	L	Sewer	Utilities	4	291,255	291,255	291,255			<b>3-221</b>
Sewer Main Greendale/Rte. 128 (Cheney to GPA)	M	Sewer	Utilities	3	1,110,000	1,110,000	610,000		500,000	<b>3-202</b>
TOTAL					1,401,255	1,401,255	901,255		500,000	
<b>Water Enterprise</b>										
TOTAL										
<b>FY2023 Grand Total</b>					34,623,069	29,228,569	8,972,569	19,400,000	6,250,500	

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**FY2024**  
**Capital Project Requests**  
**Tier One Recommendations**

Title	Code*	Department	Function	Cat*	Department Request	Recommended Tier 1	Cash	Debt	TBD	Page
Athletic Facility Improvements (Fencing)	PM	Parks	Community	3	228,000	228,000	228,000			<b>3-143</b>
Center at the Heights Generator Installation	PM	COA	Community	2	180,000	180,000	180,000			<b>3-076</b>
Central Ave/ Centre Street Bridge Replacement	N	Engineering	Transportation Network	3	10,820,000				10,820,000	<b>3-107</b>
Cricket Field Building Improvements Design	PM	Recreation	Community	2	250,000				250,000	<b>3-172</b>
Energy Efficiency Upgrade Improvements	P	Various	Utilities	2	100,000	100,000	100,000			<b>3-078</b>
Facility Assessment for Sustainable Building Management (Library)	P	Schools	Schools	2	50,000	50,000	50,000			<b>3-089</b>
Fleet - Unit 124 Addco Mini Specialty Trailer		Highway	Public Works	4	37,695					<b>3-223</b>
Fleet - Unit 453 2016 Ford Focus	C	Building	Public Safety	4	41,865	41,865	41,865			<b>3-223</b>
Fleet - Unit 454 2014 Ford Fusion	C	Building	Public Safety	4	41,865	41,865	41,865			<b>3-223</b>
Fleet - Unit 455 2016 Ford Focus	C	Building	Public Safety	4	41,865	41,865	41,865			<b>3-223</b>
Fleet - Unit 456 1014 Ford Fusion	C	Building	Public Safety	4	41,865	41,865	41,865			<b>3-223</b>
Fleet - Unit 458 2014 Ford Explorer	C	Building	Public Safety	4	41,865	41,865	41,865			<b>3-223</b>
Fleet - Unit 9 2012 INTERNATIONAL 7400 Dump Truck	L	Highway	Public Works	4	232,330	232,330	232,330			<b>3-223</b>
Fleet - Unit 90 2016 Steco Trailer		Solid Waste	Public Works	4	86,251					<b>3-223</b>

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**FY2024**  
**Capital Project Requests**  
**Tier One Recommendations**

Title	Code*	Department	Function	Cat*	Department Request	Recommended Tier 1	Cash	Debt	TBD	Page
Fleet - Unit Bus 1 2017 Blue Bird 202 School Bus	C	Schools	Schools	4	111,883	111,883	111,883			<b>3-223</b>
Fleet - Unit C01 2017 Ford Explorer	C	Fire	Public Safety	4	65,091	65,091	65,091			<b>3-223</b>
Fleet - Unit L-01 2004 Sutphen Quint Ladder Truck	L	Fire	Public Safety	4	1,642,298	1,642,298		1,642,298		<b>3-223</b>
Fleet - Unit R01 E450 Ambulance		Fire	Public Safety	4	375,698	375,698	375,698			<b>3-223</b>
Fleet Refurbishment	PM	Fleet	Public Works	1	150,000				150,000	<b>3-123</b>
High School Tennis Court Improvements Construction	M	Recreation	Community	3	550,000	550,000	550,000			<b>3-176</b>
Library Materials Handler	M	Library	Community	1	100,000				100,000	<b>3-162</b>
Library Technology	P	Library	Community	1	36,500	36,500	36,500			<b>3-167</b>
NPDES Support Projects	P	Engineering	Stormwater	3	712,000	712,000	712,000			<b>3-152</b>
Open Space Acquisitions	PI	Recreation	Community	5	1,000,000				1,000,000	<b>3-088</b>
Personal Protective Equipment	M	Fire	Public Safety	1	54,503	54,503	54,503			<b>3-018</b>
Pollard School Air Conditioning Upgrade	MI	Schools	Schools	2	111,000				111,000	<b>3-096</b>
Pool Beach Project Design	NI	Recreation	Community	2						<b>3-184</b>
Public Playgrounds	M	Recreation	Community	3	30,000	30,000	30,000			<b>3-181</b>
Public Works Infrastructure Program	M	Highway	Transportation Network	3	4,060,500	2,186,000	2,186,000		1,874,500	<b>3-130</b>

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**FY2024**  
**Capital Project Requests**  
**Tier One Recommendations**

Title	Code*	Department	Function	Cat*	Department Request	Recommended Tier 1	Cash	Debt	TBD	Page
Quiet Zone Safety Upgrades	N	Engineering	Transportation Network	3	1,340,000	1,340,000	1,340,000			<b>3-110</b>
Recycling and Transfer Station Property Improvements (Tipping Pit)	N	Solid Waste	Public Works	3	160,000	160,000	160,000			<b>3-147</b>
Recycling and Transfer Station Property Improvements (Ventilation Repairs)	N	Solid Waste	Public Works	3	130,000	130,000	130,000			<b>3-147</b>
Roof Top Unit Replacement (Broadmeadow & Eliot Schools)	N	Schools	Schools	2	5,250,000	5,250,000		5,250,000		<b>3-072</b>
School Copiers	RM	Schools	Schools	1	75,241	75,241	75,241			<b>3-025</b>
School Furniture	R	Schools	Schools	1	25,000	25,000	25,000			<b>3-031</b>
School Technology	RM	Schools	Schools	1	460,750	460,750	460,750			<b>3-038</b>
Town Building Switches	P	ITC	General	1	90,000	90,000	90,000			<b>3-007</b>
Traffic Improvements	P	Engineering	Transportation Network	3	50,000	50,000	50,000			<b>3-114</b>
Video Projection Equipment Rosemary Recreation Complex	P	HHS	Community	1	55,000	55,000	55,000			<b>3-008</b>
Wireless Hardware Infrastructure	P	ITC	General	1	175,000	175,000	175,000			<b>3-009</b>
<b>TOTAL</b>				<b>5</b>	<b>29,004,065</b>	<b>14,574,619</b>	<b>7,682,321</b>	<b>6,892,298</b>	<b>14,305,500</b>	

**Community Preservation Fund**

Capital Improvement Plan  
January 2022

**FY2024  
Capital Project Requests  
Tier One Recommendations**

Title	Code*	Department	Function	Cat*	Department Request	Recommended Tier 1	Cash	Debt	TBD	Page
Athletic Facility Improvements (Mcleod Field renovation construction)	M	Parks	Community	3	466,000	466,000	466,000			<b>3-142</b>
<b>TOTAL</b>					<b>466,000</b>	<b>466,000</b>	<b>466,000</b>			
<b>Sewer Enterprise</b>										
Cooks Bridge Sewer Pump Station Design	M	Sewer	Utilities	3	369,500				369,500	<b>3-196</b>
Drain System Improvements	M	Sewer	Stormwater	3	2,142,500				2,142,500	<b>3-199</b>
Fleet - Unit 103 2012 John Deere Backhoe	L	Sewer	Utilities	4	163,007	163,007	163,007			<b>3-223</b>
<b>TOTAL</b>					<b>2,675,007</b>	<b>163,007</b>	<b>163,007</b>		<b>2,512,000</b>	
<b>Water Enterprise</b>										
Charles River Water Treatment Plant HVAC Upgrades Design	N	Water	Utilities	2	34,000	34,000	34,000			<b>3-206</b>
Water Distribution System Improvements (South Street - CR to Chestnut)	M	Water	Utilities	3	3,000,000	3,000,000		3,000,000		<b>3-210</b>
Water Supply Development	I	Water	Utilities	3	480,500				480,500	<b>3-217</b>
<b>TOTAL</b>					<b>3,514,500</b>	<b>3,034,000</b>	<b>34,000</b>	<b>3,000,000</b>	<b>480,500</b>	
<b>FY2024 Grand Total</b>					<b>35,659,572</b>	<b>18,237,626</b>	<b>8,345,328</b>	<b>9,892,298</b>	<b>17,298,000</b>	

Capital Improvement Plan  
January 2022

**FY2025  
Capital Project Requests  
Tier One Recommendations**

Title	Code*	Department	Function	Cat*	Department Request	Recommended Tier 1	Cash	Debt	TBD	Page
Athletic Fields Master Plan	MN	Recreation	Community	3	30,000				30,000	<b>3-169</b>
Cricket Field Building Improvements Construction	PM	Recreation	Community	2	1,500,000				1,500,000	<b>3-173</b>
Data Center Servers	P	ITC	General	1	600,000	600,000	600,000			<b>3-012</b>
Energy Efficiency Upgrade Improvements	P	Various	Utilities	2	100,000	100,000	100,000			<b>3-080</b>
Facility Assessment for Sustainable Building Management (High Rock)	P	Schools	Schools	2	50,000	50,000	50,000			<b>3-090</b>
Fleet - Unit 111 2013 Trackless Sidewalk Plow Tractor	LX	Highway	Public Works	4	212,396	212,396	212,396			<b>3-225</b>
Fleet - Unit 186 2010 Giant Leaf Vac Trailer	L	Parks	Public Works	4	34,177	34,177	34,177			<b>3-225</b>
Fleet - Unit 253 2010 Vermeer Stump Grinder	L	Parks	Public Works	4	70,750	70,750	70,750			<b>3-225</b>
Fleet - Unit 350 2010 John Deere Loader	L	Parks	Public Works	4	34,164	34,164	34,164			<b>3-225</b>
Fleet - Unit 61 2013 Genie Forklift	L	Solid Waste	Public Works	4	110,054	110,054	110,054			<b>3-225</b>
Fleet - Unit 66 Ford F550	L	Highway	Public Works	4	121,826	121,826	121,826			<b>3-225</b>
Fleet - Unit 701 2014 Ford F250	C	Bldg. Maint	Public Works	4	44,541	44,541	44,541			<b>3-225</b>
Fleet - Unit 72 2015 Ford F550 Chip Box	L	Parks	Public Works	4	111,846	111,846	111,846			<b>3-225</b>
Fleet - Unit 89 2017 Warren Trailer	L	Solid Waste	Public Works	4	90,860	90,860	90,860			<b>3-225</b>

Capital Improvement Plan  
January 2022

**FY2025  
Capital Project Requests  
Tier One Recommendations**

Title	Code*	Department	Function	Cat*	Department Request	Recommended Tier 1	Cash	Debt	TBD	Page
Fleet - Unit 93 2015 McCloskey Brothers Trommel Screener	L	Solid Waste	Public Works	4	171,952	171,952	171,952			<b>3-225</b>
Fleet - Unit C-43 2017 Ford Escape	C	Fire	Public Safety	4	41,637	41,637	41,637			<b>3-225</b>
Fleet - Unit E-04 2005 E-One Cyclone II fire Truck	L	Fire	Public Safety	4	903,483	903,483		903,483		<b>3-225</b>
Fleet - Unit R-02 2017 Ford E450 Ambulance	L	Fire	Public Safety	4	388,847	388,847	388,847			<b>3-225</b>
Fleet - Unit Van 11 2018 Ford Transit Passenger Van	C	Schools	Schools	4	61,505	61,505	61,505			<b>3-225</b>
Fleet - Unit Van 12 2018 Ford Transit Passenger Van	C	Schools	Schools	4	61,505	61,505	61,505			<b>3-225</b>
NPDES Support Projects	P	Engineering	Stormwater	3	735,000	735,000	735,000			<b>3-154</b>
Open Space Acquisitions	PI	Recreation	Community	5	1,000,000				1,000,000	<b>3-189</b>
Personal Protective Equipment	M	Fire	Public Safety	1	55,865	55,865	55,865			<b>3-019</b>
Pollard School Air Conditioning Upgrade	MI	Schools	Schools	2	1,246,140				1,246,140	<b>3-097</b>
Pool Beach Project Construction	NI	Recreation	Community	2						<b>3-185</b>
Public Playgrounds	M	Recreation	Community	3	400,000				400,000	<b>3-182</b>
Public Works Infrastructure Program	M	Highway	Transportation Network	3	3,883,000	3,448,000	3,448,000		435,000	<b>3-132</b>
Quiet Zone Safety Upgrades	N	Engineering	Transportation Network	3	2,775,000	2,775,000		2,775,000		<b>3-111</b>
Roof Replacement (High School)	NI	Schools	Schools	2						<b>3-101</b>

Capital Improvement Plan  
January 2022

**FY2025  
Capital Project Requests  
Tier One Recommendations**

Title	Code*	Department	Function	Cat*	Department Request	Recommended Tier 1	Cash	Debt	TBD	Page
School Copiers	RM	Schools	Schools	1	60,783	60,783	60,783			<b>3-026</b>
School Furniture	R	Schools	Schools	1	25,000	25,000	25,000			<b>3-032</b>
School Technology	RM	Schools	Schools	1	581,150	581,150	581,150			<b>3-040</b>
Town Building Security and Traffic Cameras	PIS	Police	General	1	350,000				350,000	<b>3-010</b>
Town Offices Replacement Furniture	P	Manager	General	1	25,000	25,000	25,000			<b>3-003</b>
Traffic Improvements	P	Engineering	Transportation Network	3	50,000	50,000	50,000			<b>3-115</b>
<b>TOTAL</b>					<b>15,926,481</b>	<b>10,965,341</b>	<b>7,286,858</b>	<b>3,678,483</b>	<b>4,961,140</b>	
<b>Community Preservation Fund</b>										
<b>TOTAL</b>										
<b>Sewer Enterprise</b>										
Fleet - Unit 168 2010 Gorman Utility Trailer	L	Sewer	Utilities	4	46,566	46,566	46,566			<b>3-225</b>
Sewer Main Greendale/Rte. 128 (Cheney to GPA)	M	Sewer	Utilities	3	9,315,000	9,315,000	1,315,000	8,000,000		<b>3-204</b>
Sewer System Infiltration and Inflow	MI	Sewer	Utilities	3						<b>3-201</b>
<b>TOTAL</b>					<b>9,361,566</b>	<b>9,361,566</b>	<b>1,361,566</b>	<b>8,000,000</b>		



Capital Improvement Plan  
January 2022

**FY2025  
Capital Project Requests  
Tier One Recommendations**

Title	Code*	Department	Function	Cat*	Department Request	Recommended Tier 1	Cash	Debt	TBD	Page
<b>Water Enterprise</b>										
Charles River Water Treatment Plant HVAC Upgrades Construction	N	Water	Utilities	2	378,000	378,000	378,000			<b>3-209</b>
Water Distribution System Improvements (Mills/Sachem) (Mayo Ave - Harris Ave to GPA)	M	Water	Utilities	3	46,500	46,500	46,500			<b>3-211</b>
Water Supply Development	I	Water	Utilities	3	1,400,000				1,400,000	<b>3-219</b>
<b>TOTAL</b>					1,824,500	424,500	424,500		1,400,000	
<b>FY2025 Grand Total</b>					27,112,547	20,751,407	9,072,924	11,678,483	6,361,140	

Capital Improvement Plan  
January 2022

**FY2026**  
**Capital Project Requests**  
**Tier One Recommendations**

Title	Code*	Department	Function	Cat*	Department Request	Recommended Tier 1	Cash	Debt	TBD	Page
Data Center Servers	P	ITC	General	1	750,000	750,000	750,000			<b>3-014</b>
Energy Efficiency Upgrade Improvements	P	Various	Utilities	2	100,000	100,000	100,000			<b>3-082</b>
Fleet - Unit 116 2014 Prinoth Sidewalk Plow	LX	Highway	Public Works	4	252,953	252,953	252,953			<b>3-227</b>
Fleet - Unit 133 2001 John Deere Backhoe	L	Parks	Public Works	4	129,070	129,070	129,070			<b>3-227</b>
Fleet - Unit 41 2016 Ford F250 Truck	C	Parks	Public Works	4	54,092	54,092	54,092			<b>3-227</b>
Fleet - Unit 50 2016 Ford F250 Truck	C	Parks	Public Works	4	56,868	56,868	56,868			<b>3-227</b>
Fleet - Unit 63 2018 Steco Trailer	L	Solid Waste	Public Works	4	91,750	91,750	91,750			<b>3-227</b>
Fleet - Unit 703 2015 Ford Transit Van	C	Bldg. Maint	Public Works	4	39,688	39,688	39,688			<b>3-227</b>
Fleet - Unit 708 2016 Ford Transit Van	C	Bldg. Maint	Public Works	4	35,285	35,285	35,285			<b>3-227</b>
Fleet - Unit 73 2016 Ford F450 Truck	L	Parks	Public Works	4	94,428	94,428	94,428			<b>3-227</b>
Fleet - Unit 74 2016 Ford F450 Dump	L	Parks	Public Works	4	141,662	141,662	141,662			<b>3-227</b>
Fleet - Unit 75 2016 Ford F450 Truck	L	Parks	Public Works	4	94,428	94,428	94,428			<b>3-227</b>
Fleet - Unit 8 2014 International 7400	L	Highway	Public Works	4	246,304	246,304	246,304			<b>3-227</b>
Fleet - Unit Van 4 2019 Ford E150 Van	C	Schools	Schools	4	63,658	63,658	63,658			<b>3-227</b>
Fleet - Unit Van 5 2019 Ford E150 Van	C	Schools	Schools	4	63,658	63,658	63,658			<b>3-227</b>

Capital Improvement Plan  
January 2022

**FY2026  
Capital Project Requests  
Tier One Recommendations**

Title	Code*	Department	Function	Cat*	Department Request	Recommended Tier 1	Cash	Debt	TBD	Page
Fleet Refurbishment	N	Fleet	Public Works	1	150,000				150,000	<b>3-124</b>
NPDES Support Projects	P	Engineering	Stormwater	3	760,000	760,000	760,000			<b>3-156</b>
Open Space Acquisitions	PI	Recreation	Community	5	1,000,000				1,000,000	<b>3-190</b>
Outdoor Basketball Courts	M	Recreation	Community	3	50,000	50,000	50,000			<b>3-178</b>
Personal Protective Equipment	M	Fire	Public Safety	1	57,262	57,262	57,262			<b>3-020</b>
Public Works Infrastructure Program	M	Highway	Transportation Network	3	2,744,000	2,744,000	2,744,000			<b>3-135</b>
Recycling and Transfer Station Property Improvements (Building Roof Repairs)	M	Solid Waste	Public Works	3	275,000	275,000	275,000			<b>3-148</b>
Recycling and Transfer Station Property Improvements (Fabric Covered Storage for 100-Yard Trailers)	M	Solid Waste	Public Works	3	138,000	138,000	138,000			<b>3-148</b>
School Copiers	RM	Schools	Schools	1	69,773	69,773	69,773			<b>3-027</b>
School Furniture	R	Schools	Schools	1	25,000	25,000	25,000			<b>3-033</b>
School Technology	RM	Schools	Schools	1	577,875	577,875	577,875			<b>3-042</b>
Traffic Improvements	P	Engineering	Transportation Network	3	50,000	50,000	50,000			<b>3-116</b>
<b>TOTAL</b>					<b>8,110,754</b>	<b>6,960,754</b>	<b>6,960,754</b>		<b>1,150,000</b>	

Capital Improvement Plan  
January 2022

**FY2026  
Capital Project Requests  
Tier One Recommendations**

Title	Code*	Department	Function	Cat*	Department Request	Recommended Tier 1	Cash	Debt	TBD	Page
<b>Community Preservation Fund</b>										
TOTAL										
<b>Sewer Enterprise</b>										
Cooks Bridge Sewer Pump Station Construction	M	Sewer	Utilities	3	3,606,500				3,606,500	3-197
Fleet - Unit 16 2014 Freightliner Box Truck	L	Sewer	Utilities	4	286,952	286,952	286,952			3-227
TOTAL					3,893,452	286,952	286,952		3,606,500	
<b>Water Enterprise</b>										
Fleet - Unit 156 2011 Baker Robinson 10" Water Pump Trailer	L	Water	Utilities	4	140,872	140,872	140,872			3-227
Fleet - Unit 21 2016 Ford F250 Truck	C	Water	Utilities	4	52,541	52,541	52,541			3-227
Water Distribution System Improvements (Kingsbury Street - Oakland Ave to Webster)	M	Water	Utilities	3	116,500	116,500	116,500			3-213
Water Distribution System Improvements (Mills/Sachem) (Mayo Ave - Harris Ave to GPA)	M	Water	Utilities	3	450,000	450,000	450,000			3-212
TOTAL					759,913	759,913	759,913			
<b>FY2026 Grand Total</b>					12,764,119	8,007,619	8,007,619		4,756,500	

Capital Improvement Plan  
January 2022

**FY2027  
Capital Project Requests  
Tier One Recommendations**

Title	Code*	Department	Function	Cat*	Department Request	Recommended Tier 1	Cash	Debt	TBD	Page
Action Sports Park Design	NI	Recreation	Community	3						<b>3-193</b>
Broadmeadow Office Reconfiguration	N	Bldg. Maint	Schools	2						<b>3-068</b>
Crane Replacement	NI	Solid Waste	Public Works	1						<b>3-121</b>
Energy Efficiency Upgrade Improvements	N	Various	Utilities	2	100,000	100,000	100,000			<b>3-084</b>
Fleet - Unit 117 2015 Prinoth SW4S	LX	Highway	Public Works	4	252,413	252,413	252,413			<b>3-229</b>
Fleet - Unit 15 2017 Ford Explorer	C	Admin	Public Works	4	54,648	54,648	54,648			<b>3-229</b>
Fleet - Unit 336 2017 TORO Field mower	N	Parks	Public Works	4	154,438	154,438	154,438			<b>3-229</b>
Fleet - Unit 402 2017 Ford E350	N	X	Community	4	102,225	102,225	102,225			<b>3-229</b>
Fleet - Unit 457 2019 Nissan Rogue	C	Building	Public Safety	4	46,416	46,416	46,416			<b>3-229</b>
Fleet - Unit 58 2019 Spec Utility SW045	N	Solid Waste	Public Works	4	91,991	91,991	91,991			<b>3-229</b>
Fleet - Unit 6 2015 International 7400 Series	N	Highway	Public Works	4	293,968	293,968	293,968			<b>3-229</b>
Fleet - Unit 70 2017 FORD F550 DRWSUP	N	Parks	Public Works	4	94,042	94,042	94,042			<b>3-229</b>
Fleet - Unit 706 2017 Ford Econ T250	C	Bldg. Maint	Public Works	4	43,229	43,229	43,229			<b>3-229</b>
Fleet - Unit 71 2017 FORD F550 DRWSUP	N	Parks	Public Works	4	94,042	94,042	94,042			<b>3-229</b>
Fleet - Unit 80 2019 INTERNATIONAL 7300	N	Solid Waste	Public Works	4	250,969	250,969	250,969			<b>3-229</b>

Capital Improvement Plan  
January 2022

**FY2027**  
**Capital Project Requests**  
**Tier One Recommendations**

Title	Code*	Department	Function	Cat*	Department Request	Recommended Tier 1	Cash	Debt	TBD	Page
Fleet - Unit Bus 14 2020 BLUE BIRD 303	N	Schools	Schools	4	124,047	124,047	124,047			<b>3-229</b>
Fleet - Unit Van 01 2020 FORD TRANSIT 150 AWD	C	Schools	Schools	4	65,886	65,886	65,886			<b>3-229</b>
Fleet - Unit Van 02 2020 FORD TRANSIT 150 AWD	C	Schools	Schools	4	65,886	65,886	65,886			<b>3-229</b>
NPDES Support Projects	N	Engineering	Stormwater	3	787,250	787,250	787,250			<b>3-158</b>
Open Space Acquisitions	NI	Recreation	Community	5	1,000,000				1,000,000	<b>3-191</b>
Outdoor Basketball Courts	M	Recreation	Community	3	550,000	550,000	550,000			<b>3-179</b>
Personal Protective Equipment	N	Fire	Public Safety	1	58,693	58,693	58,693			<b>3-021</b>
Public Works Infrastructure Program	N	Highway	Transportation Network	3	3,057,500	3,057,500	3,057,500			<b>3-137</b>
Recycling and Transfer Station Property Improvements (Building Siding Repair)	PM	Solid Waste	Public Works	3	705,000	705,000	705,000			<b>3-150</b>
Recycling and Transfer Station Property Improvements (Scale Extension)	PM	Solid Waste	Public Works	3	143,000	143,000	143,000			<b>3-150</b>
School Copiers	RN	Schools	Schools	1	51,742	51,742	51,742			<b>3-028</b>
School Furniture	RN	Schools	Schools	1	25,000	25,000	25,000			<b>3-034</b>
School Technology	N	Schools	Schools	1	694,575	694,575	694,575			<b>3-044</b>
Traffic Improvements	N	Engineering	Transportation Network	3	50,000	50,000	50,000			<b>3-117</b>

Capital Improvement Plan  
January 2022

**FY2027**  
**Capital Project Requests**  
**Tier One Recommendations**

Title	Code*	Department	Function	Cat*	Department Request	Recommended Tier 1	Cash	Debt	TBD	Page
TOTAL					8,956,960	7,956,960	7,956,960		1,000,000	
<b>Community Preservation Fund</b>										
TOTAL										

Capital Improvement Plan  
January 2022

**FY2027  
Capital Project Requests  
Tier One Recommendations**

Title	Code*	Department	Function	Cat*	Department Request	Recommended Tier 1	Cash	Debt	TBD	Page
<b>Sewer Enterprise</b>										
TOTAL										
<b>Water Enterprise</b>										
Fleet - Unit 157 2012 PP&P 6" WATER PUMP Trailer	L	Water	Utilities	4	59,180	59,180	59,180			3-229
Fleet - Unit 159 2012 PUMP UTILITY Trailer	L	Water	Utilities	4	59,180	59,180	59,180			3-229
Fleet - Unit 165 2012 TAYLOR Generator Trailer	L	Water	Utilities	4	67,530	67,530	67,530			3-229
Fleet - Unit 260 2009 Felling	L	Water	Utilities	4	38,974	38,974	38,974			3-229
Water Distribution System Improvements (Kingsbury Street - Oakland Ave to Webster)	M	Water	Utilities	3	526,500	526,500	526,500			3-214
Water Distribution System Improvements (Oakland Ave - May Street to Highland)	M	Water	Utilities	3	362,500	362,500	362,500			3-214
TOTAL					1,113,864	1,113,864	1,113,864			
<b>FY2027 Grand Total</b>					10,070,824	9,070,824	9,070,824		1,000,000	
<b>Five Year Totals</b>					120,230,131	85,296,045	43,469,264	40,970,781	35,666,140	



## Capital Improvement Plan January 2022

### Code

B = Funding may be considered under the operating budget/special warrant article  
C = Core Fleet  
D = Recommendation is deferred or on hold pending other actions  
E = Emergency approval  
F = Funded appropriation outside the capital plan  
G = Request may not qualify as capital submission  
L = Specialized Fleet Equipment  
I = Project submission is incomplete or waiting additional information  
M = Submission has been modified from previous submission  
N = New submission with this CIP  
P = Project request has appeared in previous CIP's  
Q = Request does not qualify as a capital submission  
R = Request is a regularly occurring capital expense  
S = No recommendation; under study  
U = Urgent request based on identified conditions

### Cat (Category)

1 = Equipment or Technology  
2 = Building or Facility  
3 = Infrastructure  
4 = Fleet  
5 = Extraordinary

### Truck Classification

Class 1 = Smallest Pick-up Trucks 6,000 lbs.  
Class 2 = Full Size or 1/2 Ton Pick-up Trucks 6K to 10K lbs. (ex Ford F150 and F250)  
Class 3 = Heavy Duty Pick-up Trucks 10K to 14K lbs. (ex Ford F350)  
Class 4 = Medium Size Work Trucks 14K to 16K lbs. (ex Ford F450)  
Class 5 = Medium Job Trucks 16K to 19.5K lbs. (ex Ford F550)  
Class 6 = Medium to Large Trucks 19.5K to 26K (ex Ford F650)  
Class 7 = Heavy Duty Trucks 26K to 33K (ex Ford F750) Requires Class B Commercial  
Class 8 = Largest Heavy Duty Trucks 33K lbs. or more (specialized equipment)

# Capital Improvement Plan January 2022

## Tier One Recommendations FY2023 - FY2027

Title	Code*	Function	Cap*	FY2023 Department Request	FY2023 Recommended Tier 1	FY2024 Department Request	FY2024 Recommended Tier 1	FY2025 Department Request	FY2025 Recommended Tier 1	FY2026 Department Request	FY2026 Recommended Tier 1	FY2027 Department Request	FY2027 Recommended Tier 1	Recommended	Cash	Debt	Other	Page
Town Offices Replacement Furniture	P	General	1	25,000	25,000			25,000	25,000					50,000	50,000			3-001
GIS Technology Systems	P	General	1	120,000	120,000									120,000	120,000			3-004
Public Safety Mobile Devices	P	Public Safety	1	50,000	50,000									50,000	50,000			3-005
Public Works Mobile Devices	P	Public Works	1	50,000	50,000									50,000	50,000			3-006
Town Building Switches	P	General	1			90,000	90,000							90,000	90,000			3-007
Video Projection Equipment Rosemary Recreation Complex	P	Community	1			55,000	55,000							55,000	55,000			3-008
Wireless Hardware Infrastructure	P	General	1			175,000	175,000							175,000	175,000			3-009
Town Building Security and Traffic Cameras	PIS	General	1					350,000										3-010
Data Center Servers & Network Security	M	General	1					600,000	600,000	750,000	750,000			1,350,000	1,350,000			3-011
Personal Protective Equipment	M	Public Safety	1	53,174	53,174	54,503	54,503	55,865	55,865	57,262	57,262	58,693	58,693	279,497	279,497			3-016
School Copiers	M	Schools	1	53,275	53,275	75,241	75,241	60,783	60,783	69,773	69,773	51,742	51,742	310,814	310,814			3-023
School Furniture	P	Schools	1	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	125,000	125,000			3-029
School Technology	M	Schools	1	437,000	437,000	460,750	460,750	581,150	581,150	577,875	577,875	694,575	694,575	2,751,350	2,751,350			3-035
Crane Replacement	N	Public Works	1															3-121
Fleet Refurbishment	PB	Public Works	1			150,000				150,000								3-122
Bigbelly Trash Receptacles	N	Community	1	135,000														3-144
Library Technology	P	Community	1	26,280	26,280	36,500	36,500							62,780	62,780			3-165
<b>Equipment &amp; Technology</b>			<b>1</b>	<b>974,729</b>	<b>839,729</b>	<b>1,121,994</b>	<b>971,994</b>	<b>1,697,798</b>	<b>1,347,798</b>	<b>1,629,910</b>	<b>1,479,910</b>	<b>830,010</b>	<b>830,010</b>	<b>5,469,441</b>	<b>5,469,441</b>			
Broadmeadow Office Reconfiguration	N	Schools	2															3-068
Center at the Heights Generator Installation	M	Community	2	27,000	27,000	180,000	180,000							207,000	207,000			3-074
Center at the Heights Space Utilization Study	M	Community	2	75,000	75,000									75,000	75,000			3-160
Cricket Field Building Improvements	M	Community	2	50,000		250,000		1,500,000										3-170
Energy Efficiency Upgrade Improvements	P	Utilities	2			100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	400,000	400,000			3-077
Facility Assessment for Sustainable Building Management	P	Schools	2			50,000	50,000	50,000	50,000					100,000	100,000			3-088
Hillside Maintenance	N	General	2															3-093
Hillside School Boiler Installation	M	General	2	275,000	275,000									275,000	275,000			3-091
Library Materials Handler	S	Community	2			100,000												3-161

# Capital Improvement Plan January 2022

## Tier One Recommendations FY2023 - FY2027

Title	Code*	Function	Cap*	FY2023 Department Request	FY2023 Recommended Tier 1	FY2024 Department Request	FY2024 Recommended Tier 1	FY2025 Department Request	FY2025 Recommended Tier 1	FY2026 Department Request	FY2026 Recommended Tier 1	FY2027 Department Request	FY2027 Recommended Tier 1	Recommended	Cash	Debt	Other	Page
Library Phone Upgrades	N	Community	2															3-094
Library Space Planning	P	Community	2	60,000														3-163
Pollard School Air Conditioning Upgrade	IM	Schools	2			111,000		1,246,140										3-095
Pollard School Locker Room Retrofit	IM	Schools	2	1,068,500														3-098
Recycling and Transfer Station Property Improvements	MN	Public Works	2	47,500	47,500	290,000	290,000			413,000	413,000	848,000	848,000	1,598,500	1,598,500			3-145
Roof Replacement (High School)	N	Schools	2															3-100
Roof Top Unit Replacement (Broadmeadow & Eliot Schools)	N	Schools	2	817,750	817,750	5,250,000	5,250,000							6,067,750	817,750	5,250,000		3-069
School Master Plan Financing & Scheduling Options	BNS	Schools	2	75,000														3-049
<b>Buildings &amp; Facilities</b>			<b>2</b>	<b>2,495,750</b>	<b>1,242,250</b>	<b>6,331,000</b>	<b>5,870,000</b>	<b>2,896,140</b>	<b>150,000</b>	<b>513,000</b>	<b>513,000</b>	<b>948,000</b>	<b>948,000</b>	<b>8,723,250</b>	<b>3,473,250</b>	<b>5,250,000</b>		
Action Sports Park	N	Community	3															3-192
Athletic Facility Improvements (Asa Small Field Renovations)	M	Community	3															3-139
Athletic Facility Improvements (Broadmeadow & Eliot Fields)	M	Community	3															3-139
Athletic Facility Improvements (Claxton Field Lighting Installation and Softball Field Skin construction)	M	Community	3	1,825,000	1,825,000									1,825,000	817,000		1,008,000	3-140
Athletic Facility Improvements (Fencing)	M	Community	3			228,000	228,000							228,000	228,000			3-143
Athletic Facility Improvements (McLeod Field renovation)	M	Community	3			466,000	466,000							466,000			466,000	3-142
Athletic Fields Master Plan	M	Community	3					30,000										3-168
Boat Launch on Charles River	M	Community	3	285,000	285,000									285,000			285,000	3-102
Central Ave/Centre St Bridge	N	Transportation Network	3	1,650,000		10,820,000												3-104
High School Tennis Court Improvements	N	Community	3	50,000	50,000	550,000	550,000							600,000	600,000			3-174
NPDES Support Projects	P	Stormwater	3			712,000	712,000							712,000			712,000	3-152
NPDES Support Projects	P	Stormwater	3					735,000	735,000					735,000			735,000	3-154
NPDES Support Projects	P	Stormwater	3							760,000	760,000			760,000			760,000	3-156
NPDES Support Projects	N	Stormwater	3									787,250	787,250	787,250			787,250	3-158
Outdoor Basketball Courts	M	Community	3							50,000	50,000	550,000	550,000	600,000	600,000			3-199
Passive Recreation Improvements (Dwight Field/Charles River Center)	M	Community	3															3-139
Public Playgrounds	M	Community	3			30,000	30,000	400,000						30,000	30,000			3-180
Public Works Infrastructure Program	M	Transportation Network	3	3,951,000	2,655,000									2,655,000	2,655,000			3-127

# Capital Improvement Plan January 2022

## Tier One Recommendations FY2023 - FY2027

Title	Code*	Function	Cap*	FY2023 Department Request	FY2023 Recommended Tier 1	FY2024 Department Request	FY2024 Recommended Tier 1	FY2025 Department Request	FY2025 Recommended Tier 1	FY2026 Department Request	FY2026 Recommended Tier 1	FY2027 Department Request	FY2027 Recommended Tier 1	Recommended	Cash	Debt	Other	Page
Public Works Infrastructure Program	M	Transportation Network	3			4,060,500	2,186,000							2,186,000	2,186,000			3-130
Public Works Infrastructure Program	M	Transportation Network	3					3,883,000	3,448,000					3,448,000	3,448,000			3-132
Public Works Infrastructure Program	N	Transportation Network	3							2,744,000	2,744,000			2,744,000	2,744,000			3-135
Public Works Infrastructure Program	M	Transportation Network	3									3,057,500	3,057,500	3,057,500	3,057,500			3-137
Quiet Zone Safety Upgrades	N	Transportation Network	3			1,340,000	1,340,000	2,775,000	2,775,000					4,115,000	1,340,000	2,775,000		3-109
Rosemary Pool Beach Project	N	Community	3															3-183
Traffic Improvements	P	Transportation Network	3	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	250,000	250,000			3-112
Walker Pond Improvements	M	Community	3	356,000	356,000									356,000			356,000	3-118
<b>Infrastructure &amp; Land</b>			<b>3</b>	<b>8,167,000</b>	<b>5,221,000</b>	<b>18,256,500</b>	<b>5,562,000</b>	<b>7,873,000</b>	<b>7,008,000</b>	<b>3,604,000</b>	<b>3,604,000</b>	<b>4,444,750</b>	<b>4,444,750</b>	<b>25,839,750</b>	<b>17,955,500</b>	<b>2,775,000</b>	<b>5,109,250</b>	
Replace Unit 15 2017 Ford Explorer	C	Public Works	4									54,648	54,648	54,648	54,648			3-229
Replace Unit 453 2016 Ford Focus	C	Public Safety	4			41,865	41,865							41,865	41,865			3-223
Replace Unit 454 2014 Ford Fusion	C	Public Safety	4			41,865	41,865							41,865	41,865			3-223
Replace Unit 455 2016 Ford Focus	C	Public Safety	4			41,865	41,865							41,865	41,865			3-223
Replace Unit 456 2014 Ford Fusion	C	Public Safety	4			41,865	41,865							41,865	41,865			3-223
Replace Unit 458 2014 Ford Explorer	C	Public Safety	4			41,865	41,865							41,865	41,865			3-223
Replace Unit 457 2019 Nissan Rogue	C	Public Safety	4									46,416	46,416	46,416	46,416			3-229
Replace Unit 700 2012 Ford Econ Van E250	C	Public Works	4	71,547	71,547									71,547	71,547			3-221
Replace Unit 713 2012 Ford F450	L	Public Works	4	86,168	86,168									86,168	86,168			3-221
Replace Unit 701 2014 Ford F250	C	Public Works	4					44,541	44,541					44,541	44,541			3-225
Replace Unit 703 2015 Ford Transit	C	Public Works	4							39,688	39,688			39,688	39,688			3-227
Replace Unit 708 2016 Ford Transit S7E1	C	Public Works	4							35,285	35,285			35,285	35,285			3-227
Replace Unit 706 2017 Ford Econ T250	C	Public Works	4									43,229	43,229	43,229	43,229			3-229
Replace Unit C43 2017 Ford Escape	C	Public Safety	4					41,637	41,637					41,637	41,637			3-225
Replace Unit R02 2017 Ford E450	L	Public Safety	4					388,847	388,847					388,847	388,847			3-225
Replace Unit C06 2015 Ford F350	L	Public Safety	4	84,845	84,845									84,845	84,845			3-221
Replace Unit C01 2017 Ford Explorer	C	Public Safety	4			65,091	65,091							65,091	65,091			3-223
Replace Unit L01 2004 Sutphen Quint	L	Public Safety	4			1,642,298	1,642,298							1,642,298		1,642,298		3-223

# Capital Improvement Plan January 2022

## Tier One Recommendations FY2023 - FY2027

Title	Code*	Function	Cat*	FY2023 Department Request	FY2023 Recommended Tier 1	FY2024 Department Request	FY2024 Recommended Tier 1	FY2025 Department Request	FY2025 Recommended Tier 1	FY2026 Department Request	FY2026 Recommended Tier 1	FY2027 Department Request	FY2027 Recommended Tier 1	Recommended	Cash	Debt	Other	Page
Replace Unit R01 2016 Ford E450	L	Public Safety	4			375,698	375,698							375,698	375,698			3-223
Replace Unit E04 2005 E-One Cyclone II	L	Public Safety	4					903,483	903,483					903,483		903,483		3-225
Replace Unit 402 2017 Ford E350	C	Community	4									102,225	102,225	102,225	102,225			3-229
Replace Unit 108 2011 TRACKLESS TRACTOR	LX	Public Works	4	298,670	298,670									298,670	298,670			3-221
Replace Unit 9 2012 International 7400 Series	L	Public Works	4			232,330	232,330							232,330	232,330			3-223
Replace Unit 124 2009 ADDCO MINI	L	Public Works	4			37,695												3-223
Replace Unit 66 2015 Ford F550	L	Public Works	4					121,826	121,826					121,826	121,826			3-225
Replace Unit 111 2013 TRACKLESS TRACTOR	LX	Public Works	4					212,396	212,396					212,396	212,396			3-225
Replace Unit 8 2014 INTERNATIONAL 7400 Series	L	Public Works	4							246,304	246,304			246,304	246,304			3-227
Replace Unit 116 2014 Prinoth SW4S	LX	Public Works	4							252,953	252,953			252,953	252,953			3-227
Replace Unit 6 2015 International 7400 Series	L	Public Works	4									293,968	293,968	293,968	293,968			3-229
Replace Unit 117 2015 Prinoth SW4S	LX	Public Works	4									252,413	252,413	252,413	252,413			3-229
Replace Unit 67 Addition To Fleet	L	Public Works	4	83,638	83,638									83,638	83,638			3-221
Replace Unit 72 2015 Ford F550	L	Public Works	4					111,846	111,846					111,846	111,846			3-225
Replace Unit 186 2010 GIANT LEAF VAC TRAILER	L	Public Works	4					34,177	34,177					34,177	34,177			3-225
Replace Unit 253 2010 VERMEER STUMP CUTTER	L	Public Works	4					70,750	70,750					70,750	70,750			3-225
Replace Unit 350 2010 John Deere Loader 4720	L	Public Works	4					34,164	34,164					34,164	34,164			3-225
Replace Unit 41 2016 Ford F250	C	Public Works	4							54,092	54,092			54,092	54,092			3-227
Replace Unit 50 2016 Ford F250	C	Public Works	4							56,868	56,868			56,868	56,868			3-227
Replace Unit 73 2016 Ford F550	L	Public Works	4							94,428	94,428			94,428	94,428			3-227
Replace Unit 74 2016 Ford F550 DRWSUP	L	Public Works	4							141,662	141,662			141,662	141,662			3-227
Replace Unit 75 2016 Ford F550	L	Public Works	4							94,428	94,428			94,428	94,428			3-227
Replace Unit 133 2001 John Deere Backhoe Loader 310SG	L	Public Works	4							129,070	129,070			129,070	129,070			3-227
Replace Unit 70 2017 FORD F550 DRWSUP	L	Public Works	4									94,042	94,042	94,042	94,042			3-229
Replace Unit 71 2017 FORD F550 DRWSUP	L	Public Works	4									94,042	94,042	94,042	94,042			3-229
Replace Unit 336 2017 TORO Field mower	L	Public Works	4									154,438	154,438	154,438	154,438			3-229
Replace Unit 5 2011 International 7400 Series	L	Public Works	4	291,255	291,255									291,255	291,255			3-221
Replace Unit 59 2015 Steco	L	Public Works	4	100,112	100,112									100,112	100,112			3-221

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## Tier One Recommendations FY2023 - FY2027

Title	Code*	Function	Cap*	FY2023 Department Request	FY2023 Recommended Tier 1	FY2024 Department Request	FY2024 Recommended Tier 1	FY2025 Department Request	FY2025 Recommended Tier 1	FY2026 Department Request	FY2026 Recommended Tier 1	FY2027 Department Request	FY2027 Recommended Tier 1	Recommended	Cash	Debt	Other	Page
Replace Unit 90 2016 Steco	L	Public Works	4			86,251												3-223
Replace Unit 61 2013 GENIE Forklift	L	Public Works	4					110,054	110,054					110,054	110,054			3-225
Replace Unit 89 2017 Warren	L	Public Works	4					90,860	90,860					90,860	90,860			3-225
Replace Unit 93 2013 McCloskey Brothers TROMMEL SCREEN 512P	L	Public Works	4					171,952	171,952					171,952	171,952			3-225
Replace Unit 63 2018 Steco	L	Public Works	4							91,750	91,750			91,750	91,750			3-227
Replace Unit 58 2019 Spec Utility SW045	L	Public Works	4									91,991	91,991	91,991	91,991			3-229
Replace Unit 80 2019 INTERNATIONAL 7300	L	Public Works	4									250,969	250,969	250,969	250,969			3-229
Replace Unit Bus 02 2017 BLUE BIRD 303	L	School	4	108,100	108,100									108,100	108,100			3-221
Replace Unit Bus 01 2017 BLUE BIRD 303	L	School	4			111,883	111,883							111,883	111,883			3-223
Replace Unit Van 11 2018 Ford Transit	C	School	4					61,505	61,505					61,505	61,505			3-225
Replace Unit Van 12 2018 Ford Transit	C	School	4					61,505	61,505					61,505	61,505			3-225
Replace Unit Van 04 2019 Ford Transit	C	School	4							63,658	63,658			63,658	63,658			3-227
Replace Unit Van 05 2019 Ford Transit	C	School	4							63,658	63,658			63,658	63,658			3-227
Replace Unit Bus 14 2020 BLUE BIRD 303	L	School	4									124,047	124,047	124,047	124,047			3-229
Replace Unit Van 01 2020 FORD TRANSIT 150 AWD	C	School	4									65,886	65,886	65,886	65,886			3-229
Replace Unit Van 02 2020 FORD TRANSIT 150 AWD	C	School	4									65,886	65,886	65,886	65,886			3-229
<b>Fleet</b>			<b>4</b>	<b>1,124,335</b>	<b>1,124,335</b>	<b>2,760,571</b>	<b>2,636,625</b>	<b>2,459,543</b>	<b>2,459,543</b>	<b>1,363,844</b>	<b>1,363,844</b>	<b>1,734,200</b>	<b>1,734,200</b>	<b>9,318,547</b>	<b>6,772,766</b>	<b>2,545,781</b>		
Mitchell Elementary School (new building)	M	Schools	5															3-051
Pollard School Renovation/Expansion as 6-8 Middle School	M	Schools	5															3-056
Renovate/Reconstruct Emery Grover Building at Highland Avenue Location (Option #3)	M	Schools	5	19,400,000	19,400,000									19,400,000		19,400,000		3-046
High Rock Reconfigure as K-5 Elementary School	M	Schools	5															3-061
Public Works Facilities Improvements (Year 1)	M	Public Works	5	60,000														3-065
Public Works Facilities Improvements (Year 2)	M	Public Works	5															3-066
Public Works Facilities Improvements (Year 3)	M	Public Works	5															3-067
Open Space Acquisitions	PI	Community	5	1,000,000		1,000,000		1,000,000		1,000,000		1,000,000						3-186
<b>Other</b>			<b>5</b>	<b>20,460,000</b>	<b>19,400,000</b>	<b>1,000,000</b>		<b>1,000,000</b>		<b>1,000,000</b>		<b>1,000,000</b>		<b>19,400,000</b>		<b>19,400,000</b>		

# Capital Improvement Plan January 2022

## Tier One Recommendations FY2023 - FY2027

Title	Code*	Function	Cat*	FY2023 Department Request	FY2023 Recommended Tier 1	FY2024 Department Request	FY2024 Recommended Tier 1	FY2025 Department Request	FY2025 Recommended Tier 1	FY2026 Department Request	FY2026 Recommended Tier 1	FY2027 Department Request	FY2027 Recommended Tier 1	Recommended	Cash	Debt	Other	Page
<b>TOTAL</b>				33,221,814	27,827,314	29,470,065	15,040,619	15,926,481	10,965,341	8,110,754	6,960,754	8,956,960	7,956,960	68,750,988	33,670,957	29,970,781	5,109,250	
General Fund Cash					6,778,314		6,970,321		6,551,858		6,200,754		7,169,710		33,670,957			
Other Available Funds Including CPA					1,649,000		1,178,000		735,000		760,000		787,250		5,109,250			
Debt					19,400,000		6,892,298		3,678,483							29,970,781		
<b>TOTAL</b>					27,827,314		15,040,619		10,965,341		6,960,754		7,956,960		68,750,988			

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## Tier One Recommendations FY2023 - FY2027

Title	Code*	Function	Cat*	FY2023 Department Request	FY2023 Recommended Tier 1	FY2024 Department Request	FY2024 Recommended Tier 1	FY2025 Department Request	FY2025 Recommended Tier 1	FY2026 Department Request	FY2026 Recommended Tier 1	FY2027 Department Request	FY2027 Recommended Tier 1	Recommended	Cash	Debt	Other	Page
<b>Sewer Enterprise</b>																		
Drain System Improvements	M	Stormwater	3			2,142,500												3-198
Sewer Main Greendale/Rte. 128 (Cheney to GPA)	M	Utilities	3	1,110,000	1,110,000			9,315,000	9,315,000					10,425,000	2,425,000	8,000,000		3-202
Cooks Bridge Sewer Pump Station	M	Utilities	3			369,500				3,606,500								3-195
Sewer System Infiltration and Inflow	M	Utilities	3															3-200
<b>Infrastructure &amp; Land</b>			<b>3</b>	<b>1,110,000</b>	<b>1,110,000</b>	<b>2,512,000</b>		<b>9,315,000</b>	<b>9,315,000</b>	<b>3,606,500</b>				<b>10,425,000</b>	<b>2,425,000</b>	<b>8,000,000</b>		
Replace Unit 19 2010 International 7400 Series	L	Utilities	4	291,255	291,255									291,255	291,255			3-221
Replace Unit 103 2012 John Deere Backhoe Loader 310SJ	L	Utilities	4			163,007	163,007							163,007	163,007			3-223
Replace Unit 168 2010 GORMAN UTILITY TRAILER	L	Utilities	4					46,566	46,566					46,566	46,566			3-225
Replace Unit 16 2014 FREIGHTLINER Box Truck	L	Utilities	4							286,952	286,952			286,952	286,952			3-227
<b>Fleet</b>			<b>4</b>	<b>291,255</b>	<b>291,255</b>	<b>163,007</b>	<b>163,007</b>	<b>46,566</b>	<b>46,566</b>	<b>286,952</b>	<b>286,952</b>			<b>787,780</b>	<b>787,780</b>			
<b>TOTAL</b>				<b>1,401,255</b>	<b>1,401,255</b>	<b>2,675,007</b>	<b>163,007</b>	<b>9,361,566</b>	<b>9,361,566</b>	<b>3,893,452</b>	<b>286,952</b>			<b>11,212,780</b>	<b>3,212,780</b>	<b>8,000,000</b>		
Enterprise Fund Cash					901,255		163,007		1,361,566		286,952							2,712,780
Other Available Funds					500,000													500,000
Debt									8,000,000									8,000,000
<b>TOTAL</b>					<b>1,401,255</b>		<b>163,007</b>		<b>9,361,566</b>		<b>286,952</b>			<b>11,212,780</b>				



# Capital Improvement Plan January 2022

## Tier One Recommendations FY2023 - FY2027

Title	Code*	Function	Cap*	FY2023 Department Request	FY2023 Recommended Tier 1	FY2024 Department Request	FY2024 Recommended Tier 1	FY2025 Department Request	FY2025 Recommended Tier 1	FY2026 Department Request	FY2026 Recommended Tier 1	FY2027 Department Request	FY2027 Recommended Tier 1	Recommended	Cash	Debt	Other	Page
<b>Water Enterprise</b>																		
Charles River Water Treatment Plant HVAC Upgrades	N	Utilities	2			34,000	34,000	378,000	378,000					412,000	412,000			3-205
Buildings & Facilities			2			34,000	34,000	378,000	378,000					412,000	412,000			
PFAS Mitigation	N	Utilities	3															3-208
Water Distribution System Improvements (South Street (Charles River to Chestnut))	M	Utilities	3			3,000,000	3,000,000							3,000,000		3,000,000		3-210
Water Distribution System Improvements (Mills/Sachem) (Mayo Ave - Harris Ave to GPA)	M	Utilities	3					46,500	46,500					46,500	46,500			3-211
Water Distribution System Improvements (Mills/Sachem) (Mayo Ave - Harris Ave to GPA)	M	Utilities	3							450,000	450,000			450,000	450,000			3-212
Water Distribution System Improvements (Kingsbury Street - Oakland Avenue to Webster)	M	Utilities	3							116,500	116,500			116,500	116,500			3-213
Water Distribution System Improvements (Kingsbury Street - Oakland Ave to Webster)	M	Utilities	3									526,500	526,500	526,500	526,500			3-214
Water Distribution System Improvements (Oakland Ave - May Street to Highland)	M	Utilities	3									362,500	362,500	362,500	362,500			3-214
Water Supply Development	I	Utilities	3			480,500		1,400,000										3-216
Infrastructure & Land			3			3,480,500	3,000,000	1,446,500	46,500	566,500	566,500	889,000	889,000	4,502,000	1,502,000	3,000,000		
Replace Unit 21 2016 Ford F250	C	Utilities	4							52,541	52,541			52,541	52,541			3-227
Replace Unit 156 2011 Baker ROBINSON 10" Water Pump	L	Utilities	4							140,872	140,872			140,872	140,872			3-227
Replace Unit 157 2012 PP&P 6" WATER PUMP Trailer	L	Utilities	4									59,180	59,180	59,180	59,180			3-229
Replace Unit 159 2012 PUMP UTILITY Trailer	L	Utilities	4									59,180	59,180	59,180	59,180			3-229
Replace Unit 165 2012 TAYLOR Generator Trailer	L	Utilities	4									67,530	67,530	67,530	67,530			3-229
Replace Unit 260 2009 Felling	L	Utilities	4									38,974	38,974	38,974	38,974			3-229
Fleet			4							193,413	193,413	224,864	224,864	418,277	418,277			
<b>TOTAL</b>						3,514,500	3,034,000	1,824,500	424,500	759,913	759,913	1,113,864	1,113,864	5,332,277	2,332,277	3,000,000		
Enterprise Fund Cash						34,000		424,500		759,913		1,113,864		2,332,277				
Other Available Funds																		
Debt						3,000,000									3,000,000			
<b>TOTAL</b>						3,034,000		424,500		759,913		1,113,864		5,332,277				

# Capital Improvement Plan January 2022

## Tier One Recommendations FY2023 - FY2027

Title	Code*	Function	Cat*	FY2023 Department Request	FY2023 Recommended Tier 1	FY2024 Department Request	FY2024 Recommended Tier 1	FY2025 Department Request	FY2025 Recommended Tier 1	FY2026 Department Request	FY2026 Recommended Tier 1	FY2027 Department Request	FY2027 Recommended Tier 1	Recommended	Cash	Debt	Other	Page
Equipment & Technology			1	974,729	839,729	1,121,994	971,994	1,697,798	1,347,798	1,629,910	1,479,910	830,010	830,010	5,469,441	5,469,441			
Buildings & Facilities			2	2,495,750	1,242,250	6,365,000	5,904,000	3,274,140	528,000	513,000	513,000	948,000	948,000	9,135,250	3,885,250	5,250,000		
Infrastructure & Land			3	9,277,000	6,331,000	24,249,000	8,562,000	18,634,500	16,369,500	7,777,000	4,170,500	5,333,750	5,333,750	40,766,750	21,882,500	13,775,000	5,109,250	
Fleet			4	1,415,590	1,415,590	2,923,578	2,799,632	2,506,109	2,506,109	1,844,209	1,844,209	1,959,064	1,959,064	10,524,604	7,978,823	2,545,781		
Other			5	20,460,000	19,400,000	1,000,000		1,000,000		1,000,000		1,000,000		19,400,000		19,400,000		
<b>GRAND TOTAL</b>				<b>34,623,069</b>	<b>29,228,569</b>	<b>35,659,572</b>	<b>18,237,626</b>	<b>27,112,547</b>	<b>20,751,407</b>	<b>12,764,119</b>	<b>8,007,619</b>	<b>10,070,824</b>	<b>9,070,824</b>	<b>85,296,045</b>	<b>39,216,014</b>	<b>40,970,781</b>	<b>5,109,250</b>	
Equipment & Technology			1	974,729	839,729	1,121,994	971,994	1,697,798	1,347,798	1,629,910	1,479,910	830,010	830,010	5,469,441	5,469,441			
Buildings & Facilities			2	2,495,750	1,242,250	6,331,000	5,870,000	2,896,140	150,000	513,000	513,000	948,000	948,000	8,723,250	3,473,250	5,250,000		
Infrastructure & Land			3	8,167,000	5,221,000	18,256,500	5,562,000	7,873,000	7,008,000	3,604,000	3,604,000	4,444,750	4,444,750	25,839,750	17,955,500	2,775,000	5,109,250	
Fleet			4	1,124,335	1,124,335	2,760,571	2,636,625	2,459,543	2,459,543	1,363,844	1,363,844	1,734,200	1,734,200	9,318,547	6,772,766	2,545,781		
Other			5	20,460,000	19,400,000	1,000,000		1,000,000		1,000,000		1,000,000		19,400,000		19,400,000		
<b>General Fund</b>				<b>33,221,814</b>	<b>27,827,314</b>	<b>29,470,065</b>	<b>15,040,619</b>	<b>15,926,481</b>	<b>10,965,341</b>	<b>8,110,754</b>	<b>6,960,754</b>	<b>8,956,960</b>	<b>7,956,960</b>	<b>68,750,988</b>	<b>33,670,957</b>	<b>29,970,781</b>	<b>5,109,250</b>	
Equipment & Technology			1															
Buildings & Facilities			2															
Infrastructure & Land			3	1,110,000	1,110,000	2,512,000		9,315,000	9,315,000	3,606,500				10,425,000	2,425,000	8,000,000		
Fleet			4	291,255	291,255	163,007	163,007	46,566	46,566	286,952	286,952			787,780	787,780			
Other			5															
<b>Sewer Fund</b>				<b>1,401,255</b>	<b>1,401,255</b>	<b>2,675,007</b>	<b>163,007</b>	<b>9,361,566</b>	<b>9,361,566</b>	<b>3,893,452</b>	<b>286,952</b>			<b>11,212,780</b>	<b>3,212,780</b>	<b>8,000,000</b>		
Equipment & Technology			1															
Buildings & Facilities			2			34,000	34,000	378,000	378,000					412,000	412,000			
Infrastructure & Land			3			3,480,500	3,000,000	1,446,500	46,500	566,500	566,500	889,000	889,000	4,502,000	1,502,000	3,000,000		
Fleet			4							193,413	193,413	224,864	224,864	418,277	418,277			
Other			5															
<b>Water Fund</b>						<b>3,514,500</b>	<b>3,034,000</b>	<b>1,824,500</b>	<b>424,500</b>	<b>759,913</b>	<b>759,913</b>	<b>1,113,864</b>	<b>1,113,864</b>	<b>5,332,277</b>	<b>2,332,277</b>	<b>3,000,000</b>		
<b>Grand Total</b>				<b>34,623,069</b>	<b>29,228,569</b>	<b>35,659,572</b>	<b>18,237,626</b>	<b>27,112,547</b>	<b>20,751,407</b>	<b>12,764,119</b>	<b>8,007,619</b>	<b>10,070,824</b>	<b>9,070,824</b>	<b>85,296,045</b>	<b>39,216,014</b>	<b>40,970,781</b>	<b>5,109,250</b>	

# Capital Improvement Plan January 2022

## Tier One Recommendations FY2023 - FY2027

Title	Code*	Function	Cat*	FY2023 Department Request	FY2023 Recommended Tier 1	FY2024 Department Request	FY2024 Recommended Tier 1	FY2025 Department Request	FY2025 Recommended Tier 1	FY2026 Department Request	FY2026 Recommended Tier 1	FY2027 Department Request	FY2027 Recommended Tier 1	Recommended	Cash	Debt	Other	Page
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**Code**

- B = Funding may be considered under the operating budget/special warrant article
- C = Core Fleet
- D = Recommendation is deferred or on hold pending other actions
- E = Emergency approval
- F = Funded appropriation outside the capital plan
- G = Request may not qualify as capital submission
- L = Specialized Fleet Equipment
- I = Project submission is incomplete or waiting additional information
- M = Submission has been modified from previous submission
- N = New submission with this CIP
- P = Project request has appeared in previous CIP's
- Q = Request does not qualify as a capital submission
- R = This is a regularly reoccurring capital request
- S = No recommendation; under study
- U = Urgent request based on identified conditions

Orange highlighted amounts indicate that all or a portion of the funding recommendation may be funded by CPA funds

Pink highlighted amounts indicate that all or a portion of the funding recommendation may be funded by debt.

Capital Improvement Plan  
January 2022

**General Fund Capital  
Current and Prior  
Funding Sources**

Description	Funded FY2018	Funded FY2019	Funded FY2020	Funded FY2021	Funded FY2022	Requested FY2023	Proposed FY2023
							<b>Tier I &amp; II</b>
<b>Current Year Requests</b>						25,928,814	24,928,814
<b>Cash</b>							
Current Receipts & Free Cash	5,438,467	10,491,289	7,418,252	3,939,433	6,428,628		9,522,814
Other Available Funds	3,888,000	2,144,000	2,744,500		421,116		2,006,000
<b>Total - Cash</b>	9,326,467	12,635,289	10,162,752	3,939,433	6,849,744		11,528,814
<b>Debt</b>							
Within the Annual Levy Limit	15,075,000	6,671,000		676,700	2,875,000		13,400,000
Excluded from the Levy Limit	3,750,000	66,245,000					
<b>Total - Debt</b>	18,825,000	72,916,000		676,700	2,875,000		13,400,000
<b>Total</b>	28,151,467	85,551,289	10,162,752	4,616,133	9,724,744	25,928,814	24,928,814

Capital Improvement Plan  
January 2022

General Fund Capital  
Current and Prior  
Funding Sources

Description	Funded FY2018	Funded FY2019	Funded FY2020	Funded FY2021	Funded FY2022	Requested FY2023	Proposed FY2023	Tier I & II		
Automated External Defibrillators Replacement				32,885	G					
Bigbelly Trash Receptacles						135,000	135,000		G*	
Broadmeadow School Technology Room Conversion					213,100	G				
Building Management System Upgrade			392,000	G						
Center at the Heights Computer Lab			50,000	G						
Center at the Heights Generator Installation						27,000	27,000		G	
Center at the Heights Space Utilization Study						75,000	75,000		G	
Centre Street Bridge Replacement						1,650,000	1,650,000		F*	
Claxton Field Lighting & Softball Field Skin Replacement						817,000	817,000		G	
Cricket Field Building Renovations Feasibility						50,000	50,000		G*	
DPW Boiler Replacement 470 Dedham Avenue			50,000	A	460,000	G				
Eliot School Technology Room Conversion					179,300	G				
Emery Grover Building Reconstruction						1,475,000	D	13,400,000	13,400,000	D
Emery Grover Building Study		130,000	G							
Energy Efficiency Upgrade Improvements	57,000	G	71,000	G	57,000	A	100,000	G	100,000	G
Facility Assessment for Sustainable Building Management			100,000	G						

Capital Improvement Plan  
January 2022

General Fund Capital  
Current and Prior  
Funding Sources

Description	Funded FY2018	Funded FY2019	Funded FY2020	Funded FY2021	Funded FY2022	Requested FY2023	Proposed FY2023
							<b>Tier I &amp; II</b>
Firearm Replacement				33,000	G		
Fleet - Ambulance (Fire)	224,677	G		337,479	G		
Fleet - Ambulance Unit R3 (Fire)					353,843	G	
Fleet - Brush Truck C6 (Fire)						84,845	84,845 G
Fleet - Delivery Van (School)	33,861	G					
Fleet - Dump Truck Class 5 Unit 39 (Highway)					94,210	G	
Fleet - Dump Truck Class 8 Unit 10 (Highway)					284,119	G	
Fleet - Fire Engine E2 (Fire)		840,163	G				
Fleet - Fire Prevention Vehicle C-42 (Fire)			35,249	G			
Fleet - Fire Response Vehicle C-03 (Fire)				55,502	G		
Fleet - Heavy Duty Bucket Truck Class 8 Unit 35 (Parks)			274,434	G			
Fleet - Heavy Duty Truck Class 3 Unit 32 (Highway)					61,916	G	
Fleet - Heavy Duty Truck Class 8 Packer Unit 5 (Solid Waste)						291,255	291,255 G
Fleet - Heavy Duty Work Truck Class 8 Unit 34 (Solid Waste)				168,255	G		
Fleet - Hybrid SUV Unit 756 (Building Maintenance)					50,814	G	
Fleet - Large Tractor Unit 102 (Highway)			252,140	G			

Capital Improvement Plan  
January 2022

General Fund Capital  
Current and Prior  
Funding Sources

Description	Funded FY2018	Funded FY2019	Funded FY2020	Funded FY2021	Funded FY2022	Requested FY2023	Proposed FY2023
<b>Tier I &amp; II</b>							
Fleet - Passenger Vehicle Unit 1 (Admin)		33,616	G				
Fleet - Passenger Vehicle Unit 15 (Admin)	35,481	G					
Fleet - Passenger Vehicle Unit 44 (Engineering)		33,616	G				
Fleet - Passenger Vehicle Unit 46 (Engineering)		33,616	G				
Fleet - Passenger Vehicle Unit 52 (Highway)	34,729	G					
Fleet - Pickup Truck Unit 12 (Parks)	38,277	G					
Fleet - School Bus Unit 14 (School)			81,942	G			
Fleet - School Bus Unit 2 (School)						108,100	108,100 G
Fleet - Sidewalk Tractor Plow Unit 107 (Highway)			178,571	G			
Fleet - Sidewalk Tractor Plow Unit 108 (Highway)						298,670	298,670 G
Fleet - Sidewalk Tractor Plow Unit 113 (Highway)				178,163	G		
Fleet - Skid Steer Loader Unit 76 (Highway)		122,182	G				
Fleet - Small SUV replaces Unit 457 (Building)			33,085	G			
Fleet - Specialty Trailer Unit 59 (Solid Waste)						100,112	100,112 G
Fleet - Street Sweeper Unit 181 (Highway)				263,412	G		
Fleet - Street Sweeper Unit 182 (Highway)		264,101	G				

Capital Improvement Plan  
January 2022

General Fund Capital  
Current and Prior  
Funding Sources

Description	Funded FY2018	Funded FY2019	Funded FY2020	Funded FY2021	Funded FY2022	Requested FY2023	Proposed FY2023
<b>Tier I &amp; II</b>							
Fleet - SUV Emergency Response Unit C2 (Fire)					62,540	G	
Fleet - Tractor Mower Unit 336 (Parks)	98,747	G					
Fleet - Trailer Large Unit 183 (Parks)		25,722	G				
Fleet - Transport Van Unit 1 (School)			38,388	G			
Fleet - Transport Van Unit 10 (School)					51,419	G	
Fleet - Transport Van Unit 2 (School)			38,388	G			
Fleet - Transport Van Unit 3 (School)	32,875	G					
Fleet - Transport Van Unit 4 (School)		48,776	G				
Fleet - Transport Van Unit 5 (School)		48,776	G				
Fleet - Transport Van Unit 6 (School)	32,875	G					
Fleet - Transport Van Unit 9 (School)					51,419	G	
Fleet - Transport Van with Wheelchair Lift Van 7 (School)				52,374	G		
Fleet - Transport Van with Wheelchair Lift Van 8 (School)				52,374	G		
Fleet - Utility Trailer Chipper Unit 256 (Parks)			64,936	G			
Fleet - Utility Truck Unit 48 (Highway)	83,561	G					
Fleet - Utility Van Class 2 Unit 700 (Building Maintenance)						71,547	71,547 G



Capital Improvement Plan  
January 2022

General Fund Capital  
Current and Prior  
Funding Sources

Description	Funded FY2018	Funded FY2019	Funded FY2020	Funded FY2021	Funded FY2022	Requested FY2023	Proposed FY2023
<b>Tier I &amp; II</b>							
Fleet - Utility Van Class 2 Unit 712 (Building Maintenance)					69,831	G	
Fleet - Utility Van Unit 45 (Engineering)					54,973	G	
Fleet - Work Truck Class 1 Unit 720 (Building Maintenance)				43,002	G		
Fleet - Work Truck Class 2 Unit 2 (Fleet)			37,060	G			
Fleet - Work Truck Class 2 Unit 56 (Solid Waste)			50,332	G			
Fleet - Work Truck Class 2 Unit 57 (Highway)			63,804	G			
Fleet - Work Truck Class 2 Unit 702 (Building Maintenance)		45,765	G				
Fleet - Work Truck Class 2 Unit 705 (Building Maintenance)			37,060	G			
Fleet - Work Truck Class 3 Unit 4 (Fleet)		82,671	G				
Fleet - Work Truck Class 3 Unit 43 (Highway)					69,455	G	
Fleet - Work Truck Class 3 Unit 65 (Parks)		66,037	G				
Fleet - Work Truck Class 4 (Parks)						83,638	83,638 G
Fleet - Work Truck Class 4 Unit 713 (Building Maintenance)						86,168	86,168 G
Fleet - Work Truck Class 5 Unit 55 (Highway)		142,495	G				
Fleet - Work Van Class 2 Unit 707 (Building Maintenance)					48,713	G	
Fleet - Work Van Unit 301 (Parks)		34,069	G				

Capital Improvement Plan  
January 2022

General Fund Capital  
Current and Prior  
Funding Sources

Description	Funded FY2018	Funded FY2019	Funded FY2020	Funded FY2021	Funded FY2022	Requested FY2023	Proposed FY2023	
								<b>Tier I &amp; II</b>
Fleet - Work Van Unit 704 (Building Maintenance)	31,222	G						
Fleet - Work Van Unit 715 (Building Maintenance)			43,709	G				
Fleet - Work Van Unit 92 (Engineering)			41,550	G				
Fuel Island Relocation and Upgrade	1,056,000	G						
Geographic Information System						120,000	120,000	G
High School Chiller	125,000	O						
High School Classroom Expansion & Other Improvements	14,138,000	ADS	431,000	G				
High School Locker Reconfiguration & Addition					50,000	AG		
High School Tennis Court Improvements Design						50,000	50,000	G
Hillcrest Radio Repeater Building Replacement			136,000	G				
Hillside Boiler Replacement					16,000	G	275,000	275,000 G
Library Furniture			43,970	G	112,960	G		
Library Space Planning							60,000	60,000 G*
Library Technology					30,000	G	48,500	26,280 G
LIFEPAK 15 V4 Monitor/Defibrillator							30,577	G
McCloud Field Renovation Design							3,000	G

Capital Improvement Plan  
January 2022

General Fund Capital  
Current and Prior  
Funding Sources

Description	Funded FY2018		Funded FY2019		Funded FY2020		Funded FY2021		Funded FY2022		Requested FY2023	Proposed FY2023
<b>Tier I &amp; II</b>												
Memorial Park Buildings and Grounds Improvements	375,000	G	5,750,000	DSG								
Mitchell School Locker Replacement			70,000	A								
Mitchell School Modular Classrooms			1,560,000	AG	630,000	G						
Mitchell School Restroom Upgrades					67,000	G	676,700	D				
Multi-Function Printer Devices			35,000	G	35,600	G	35,600	G				
Needs Assessment of Pollard, Newman and NHS Auditorium Theatrical Sound and Lighting Systems									60,000	G		
Newman Preschool Playground Custom Shade Shelter					69,200	G						
Newman School Gym Floor					275,000	G						
Non-Public Safety Data Center Servers and Storage Units	145,000	G	180,000	G								
NPDES Support Projects							770,500	G				
Open Space Purchase											1,000,000	
Permanent Message Boards									56,000	G		
Personal Protective Equipment	167,872	G	43,424	G	43,424	G	43,424	G	43,358	G	53,174	53,174 G
Police and Fire Mobile and Portable Radios					617,550	G						
Police Use-Of-Force Training Simulator			47,000	G								
Pollard School Blue & Green Gym Upgrades	45,000	G	540,000	G	155,000	AG						

Capital Improvement Plan  
January 2022

General Fund Capital  
Current and Prior  
Funding Sources

Description	Funded FY2018		Funded FY2019		Funded FY2020		Funded FY2021		Funded FY2022		Requested FY2023	Proposed FY2023	
<b>Tier I &amp; II</b>													
Pollard School Locker Room Retrofit							60,000	G			1,068,500	1,068,500	G*
Pollard School Phased Improvements Feasibility Study			65,000	G									
Pollard School Restroom Upgrades	650,000	O											
Public Safety Complex/Station #2 Projects	4,000,000	OX	66,245,000	X					1,400,000	D			
Public Safety Data Center Servers and Storage Units			30,000	G									
Public Safety Desktops, Printers and Peripherals					200,000	G							
Public Safety Mobile Devices			35,000	G	35,000	G			50,000	G	50,000	50,000	G
Public Works Facilities Improvements											60,000	60,000	G*
Public Works Infrastructure Program	1,762,000	G	1,773,500	DG	2,169,550	G			2,639,000	G	3,951,000	3,951,000	G*
Public Works Mobile Devices											50,000	50,000	G
Public Works Storage Facility	150,000	G	4,885,000	DG									
Recycling and Transfer Station Property Improvements					295,000	G			480,000	G	47,500	47,500	G
Ridge Hill Building Demolition									603,091	A G			
Roof Top Unit Replacement (Broadmeadow & Eliot Schools)											817,750	817,750	G
Rosemary Complex	3,800,000	DO											
School Copier Replacement	46,790	G	84,190	G	52,470	G	62,420	G	61,264	G	53,275	53,275	G

Capital Improvement Plan  
January 2022

General Fund Capital  
Current and Prior  
Funding Sources

Description	Funded FY2018	Funded FY2019	Funded FY2020	Funded FY2021	Funded FY2022	Requested FY2023	Proposed FY2023
							<b>Tier I &amp; II</b>
School Furniture & Musical Equipment	45,000	60,500	35,000	35,000	25,000	25,000	
School Master Plan Financing & Scheduling Options						75,000	
School Master Plan Supplement			125,000				
School Phone System Replacement		319,000					
School Technology Replacement	463,500	303,600	632,350	586,575	479,650	437,000	
Self Contained Breathing Apparatus					192,120		
Specialty Equipment - Field Renovator (Parks)	30,000						
Specialty Equipment - Loader Mounted Snow Blower (Highway)				192,000			
Specialty Equipment - Unit 334 Specialty Mower (Parks)					38,000		
Specialty Equipment - Unit 344 Large Mower (Parks)		76,500					
Specialty Equipment - Unit 351 Tractor (Parks)			68,000				
Streetlight Conversion to LED		685,000					
Town Common Historic Redesign					364,000		
Town Hall Stair Modifications	200,000						
Town Offices Replacement Furniture		25,000	25,000			25,000	
Town Reservoir Sediment Removal (Design)					87,000		

Capital Improvement Plan  
January 2022

**General Fund Capital  
Current and Prior  
Funding Sources**

Description	Funded FY2018		Funded FY2019		Funded FY2020		Funded FY2021		Funded FY2022		Requested FY2023	Proposed FY2023	
<b>Tier I &amp; II</b>													
Traffic Improvements	249,000	G	50,000	G	50,000	G	50,000	G			50,000	50,000	G
Turf Field Replacement at DeFazio Field and Memorial Park			55,000	S	2,500,000	S							
Walker Pond Improvements									125,000	G	356,000	356,000	F

**Funding Source**

A = Transfer from another Financial Warrant Article	E = Enterprise Fund Cash	S = Stabilization Fund	3 = Open Space Reserve
B = Operating Budget	G = General Fund Cash	T = CPA General Reserve	4 = CPA Free Cash
C = CPA Fund Cash	O = Overlay Surplus	1 = Community Housing Reserve	X = Excluded Debt
D = Debt	R = Retained Earnings	2 = Historic Reserve	F = Federal Funds

Capital Improvement Plan  
January 2022

**Community Preservation Fund Capital  
Current and Prior  
Funding Sources**

Description	Funded FY2018	Funded FY2019	Funded FY2020	Funded FY2021	Funded FY2022	Requested FY2023	Proposed FY2023
<b>Current Year Requests</b>						7,293,000	7,293,000
<b>Cash</b>							
Current Receipts & State Match	1,030,000	500,000		101,500			
Other Available Funds	4,075,000	2,450,000	1,162,000		1,386,000		1,293,000
<b>Total - Cash</b>	5,105,000	2,950,000	1,162,000	101,500	1,386,000		1,293,000
<b>Debt</b>							
CPA Surcharge Supported		8,000,000					6,000,000
<b>Total - Debt</b>		8,000,000					6,000,000
<b>Total</b>	13,105,000	2,950,000	1,162,000	101,500	1,386,000	7,293,000	7,293,000

Capital Improvement Plan  
January 2022

Community Preservation Fund Capital  
Current and Prior  
Funding Sources

Description	Funded FY2018	Funded FY2019	Funded FY2020	Funded FY2021	Funded FY2022	Requested FY2023	Proposed FY2023	
Athletic Facility Improvements (Claxton Field Lighting & Softball Field Skin Replacement)+				101,500	C	1,008,000	1,008,000	4
Athletic Facility Improvements (DeFazio Synthetic Track)					166,000	T		
Athletic Facility Improvements (McCloud Field renovation design)					45,000	T		
Boat Launch +						285,000	285,000	4
Cricket Field Improvements	35,000	4	480,000	4				
Emery Grover Building Renovation+						6,000,000	6,000,000	D
Fisher Street Trailhead Design			15,000	T				
Memorial Park Buildings and Grounds Improvements		500,000	C					
Public Playgrounds			350,000	T				
Rosemary Complex	12,000,000	CD T4						
Rosemary Lake Camp and Trail		50,000	4	200,000	T			
Rosemary Lake Sediment Removal		2,400,000	T 3,4					
Town Common Historic Redesign			117,000	T				
Town Common Historic Redesign and Beautification					1,000,000	4		
Town Reservoir Sediment Removal (Design)					175,000	3		



Capital Improvement Plan  
January 2022

**Community Preservation Fund Capital  
Current and Prior  
Funding Sources**

Description	Funded FY2018	Funded FY2019	Funded FY2020	Funded FY2021	Funded FY2022	Requested FY2023	Proposed FY2023
Trail Improvement Project - Needham Reservoir	860,000	4					
Williams Elementary School Walking Trails	210,000	4					

Notes

+ Subject to approval by the Community Preservation Committee

**Funding Source**

A = Transfer from another Financial Warrant Article  
B = Operating Budget  
C = CPA Fund Cash  
D = Debt

S = Stabilization Fund  
T = CPA General Reserve  
1 = Community Housing Reserve  
2 = Historic Reserve

3 = Open Space Reserve  
4 = CPA Free Cash  
X = Excluded Debt

Capital Improvement Plan  
January 2022

**RTS Enterprise Fund Capital  
Prior  
Funding Sources**

Description	Funded FY2018	Funded FY2019	Funded FY2020	Funded FY2021	Funded FY2022	Requested FY2023	Proposed FY2023
<b>Current Year Requests</b>							
<b>Cash</b>							
Current Receipts & Retained Earnings	725,342	345,360					
Other Available Funds							
<b>Total - Cash</b>	725,342	345,360					
<b>Debt</b>							
Fee Supported^		645,000					
<b>Total - Debt</b>		645,000					
<b>Total</b>	725,342	990,360					

Capital Improvement Plan  
January 2022

**RTS Enterprise Fund Capital  
Prior  
Funding Sources**

Description	Funded FY2018	Funded FY2019	Funded FY2020	Funded FY2021	Funded FY2022	Requested FY2023	Proposed FY2023
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Big Belly Trash Cans 100,000 R

Fleet - Collection Packer Unit 80 211,256 R

Fleet - Front End Loader Unit 104

Fleet - Front End Loader Unit 143 245,360 R

Fleet - Grinder Unit 67 43,086 R

Fleet - Swap Loader Truck Unit 5

Fuel Island Relocation and Upgrade 15,000 R

RTS Property Improvements 290,000 R 645,000 D

RTS Stormwater Plan

Transfer Station Floor Replacement 166,000 R

**Funding Source**

A = Transfer from another Financial Warrant Article	E = Enterprise Fund Cash	S = Stabilization Fund	3 = Open Space Reserve
B = Operating Budget	G = General Fund Cash	T = CPA General Reserve	4 = CPA Free Cash
C = CPA Fund Cash	O = Overlay Surplus	1 = Community Housing Reserve	X = Excluded Debt
D = Debt	R = Retained Earnings	2 = Historic Reserve	

Capital Improvement Plan  
January 2022

Sewer Enterprise Fund Capital  
Current and Prior  
Funding Sources

Description	Funded FY2018	Funded FY2019	Funded FY2020	Funded FY2021	Funded FY2022	Requested FY2023	Proposed FY2023
<b>Current Year Requests</b>						1,401,255	1,401,255
<b>Cash</b>							
Current Receipts & Retained Earnings	87,000	2,301,111	1,631,487	488,088	332,531		901,255
Other Available Funds				100,000			500,000
<b>Total - Cash</b>	87,000	2,301,111	1,631,487	588,088	332,531		1,401,255
<b>Debt</b>							
Fee Supported	600,000		800,000		363,000		
<b>Total - Debt</b>	600,000		800,000		363,000		
<b>Total</b>	687,000	2,301,111	2,431,487	588,088	695,531	1,401,255	1,401,255

Capital Improvement Plan  
January 2022

Sewer Enterprise Fund Capital  
Current and Prior  
Funding Sources

Description	Funded FY2018	Funded FY2019	Funded FY2020	Funded FY2021	Funded FY2022	Requested FY2023	Proposed FY2023
Fleet - Dump Truck Class 8 Unit 29					332,531		E
Fleet - Front End Loader Unit 101				238,283	R		
Fleet - Heavy Duty Truck Class 8 Large Dump Unit 19						291,255	291,255 R
Fleet - Heavy Duty Work Truck Class 8 Unit 35 (with Catch Basin Cleaner)			201,487	R			
Fleet - Work Truck Class 2b Unit 94		67,864	R				
Fleet - Work Truck Class 3 Unit 23				79,805	R		
Fleet - Work Truck Class 3 Unit 28 (Rodder)		64,247	R				
Fuel Island Relocation and Upgrade	87,000	R					
Public Works Storage Facility		944,000	R				
Sewer Main Extension Walker Lane				270,000	EA		
Sewer Main Extension Zone I and II		690,000	R				
Sewer Main Project (Greendale/Rte 128)					363,000	D	1,110,000 1,110,000 FR
Sewer Main Replacements		330,000	R				
Sewer Pump Station Improvements (Alden Road)	600,000	D					
Sewer Pump Station Improvements (Lake Drive)			630,000	R			
Sewer System Infiltration & Inflow Removal Program		205,000	R	1,600,000	DR		

Capital Improvement Plan  
January 2022

**Sewer Enterprise Fund Capital  
Current and Prior  
Funding Sources**

Description	Funded FY2018	Funded FY2019	Funded FY2020	Funded FY2021	Funded FY2022	Requested FY2023	Proposed FY2023
-------------	------------------	------------------	------------------	------------------	------------------	---------------------	--------------------

**Funding Source**

A = Transfer from another Financial Warrant Article  
B = Operating Budget  
C = CPA Fund Cash  
D = Debt

S = Stabilization Fund  
T = CPA General Reserve  
1 = Community Housing Reserve  
2 = Historic Reserve

3 = Open Space Reserve  
4 = CPA Free Cash  
X = Excluded Debt  
F = Federal Funds

Capital Improvement Plan  
January 2022

**Water Enterprise Fund Capital  
Current and Prior  
Funding Sources**

Description	Funded FY2018	Funded FY2019	Funded FY2020	Funded FY2021	Funded FY2022	Requested FY2023	Proposed FY2023
<b>Current Year Requests</b>							
<b>Cash</b>							
Current Receipts & Retained Earnings	433,074	3,311,048	291,500	43,002	1,016,634		
Other Available Funds							
<b>Total - Cash</b>	433,074	3,311,048	291,500	43,002	1,016,634		
<b>Debt</b>							
Fee Supported	2,300,000		4,500,000		1,000,000		
<b>Total - Debt</b>	2,300,000		4,500,000		1,000,000		
<b>Total</b>	2,733,074	3,311,048	4,791,500	43,002	2,016,634		

Capital Improvement Plan  
January 2022

**Water Enterprise Fund Capital  
Current and Prior  
Funding Sources**

Description	Funded FY2018	Funded FY2019	Funded FY2020	Funded FY2021	Funded FY2022	Requested FY2023	Proposed FY2023
Birds Hill Water Tank		340,000	R				
Fleet - Dump Truck Class 5 Unit 30					135,452	R	
Fleet - Heavy Duty Truck Class 3 Unit 40					78,745	R	
Fleet - Heavy Duty Truck Class 7 Unit 14		239,404	R				
Fleet - Medium Work Truck Class 4 Unit 22		115,644	R				
Fleet - Pickup Truck Unit 31				43,002	R		
Fleet - SUV Hybrid Unit 20	34,729	R					
Fleet - Tractor Excavator Unit 115	132,000	R					
Fleet - Van Unit 24	29,345	R					
Fleet - Work Truck Class 4 Unit 25					92,437	R	
Fuel Island Relocation and Upgrade	162,000	R					
Public Works Storage Facility		1,786,000	R				
Trail Improvement Project - Needham Reservoir	75,000	R					
Water Distribution System Improvements		830,000	R	3,800,000	D		
Water Distribution System Improvements				430,000	D		
Water Distribution System Improvements				430,000	DR		



Capital Improvement Plan  
January 2022

**Water Enterprise Fund Capital  
Current and Prior  
Funding Sources**

Description	Funded FY2018	Funded FY2019	Funded FY2020	Funded FY2021	Funded FY2022	Requested FY2023	Proposed FY2023
Water Distribution System Improvements			82,000	R			
Water Distribution System Improvements			49,500	R			
Water Distribution System Improvements (Rosemary)					460,000	R	
Water Distribution System Improvements (South Street/Charles River to Chestnut)					250,000	R	
Water Service Connections	1,000,000	D			1,000,000	D	
Water System Rehabilitation Program	1,300,000	D					

**Funding Source**

A = Transfer from another Financial Warrant Article  
B = Operating Budget  
C = CPA Fund Cash  
D = Debt

S = Stabilization Fund  
T = CPA General Reserve  
1 = Community Housing Reserve  
2 = Historic Reserve

3 = Open Space Reserve  
4 = CPA Free Cash  
X = Excluded Debt

Capital Improvement Plan  
January 2022

All Capital Funds Funding Sources						
Description	Funded FY2018	Funded FY2019	Funded FY2020	Funded FY2021	Funded FY2022	Proposed FY2023
						<b>Tier I &amp; II</b>
<b>Current Year Requests</b>						<b>33,623,069</b>
<b>Cash</b>						
Cash	6,468,467	10,991,289	7,418,252	4,210,933	6,761,159	9,522,814
Retained Earnings	1,245,416	5,957,519	1,922,987	361,090	1,016,634	901,255
Other Available Funds	7,963,000	4,594,000	3,906,500	100,000	1,807,116	3,799,000
<b>Total - Cash</b>	<b>15,676,883</b>	<b>21,542,808</b>	<b>13,247,739</b>	<b>4,672,023</b>	<b>9,584,909</b>	<b>14,223,069</b>
<b>Debt</b>						
Operating Revenues	17,975,000	7,316,000	5,300,000	676,700	4,238,000	13,400,000
CPA Surcharge	8,000,000					6,000,000
Debt Excluded	3,750,000	66,245,000				
<b>Total - Debt</b>	<b>29,725,000</b>	<b>73,561,000</b>	<b>5,300,000</b>	<b>676,700</b>	<b>4,238,000</b>	<b>19,400,000</b>
<b>Total</b>	<b>45,401,883</b>	<b>95,103,808</b>	<b>18,547,739</b>	<b>5,348,723</b>	<b>13,822,909</b>	<b>33,623,069</b>

Capital Improvement Plan  
January 2022

Debt Service to Revenue  
Issued, Authorized and Proposed  
FY2022 - FY2027

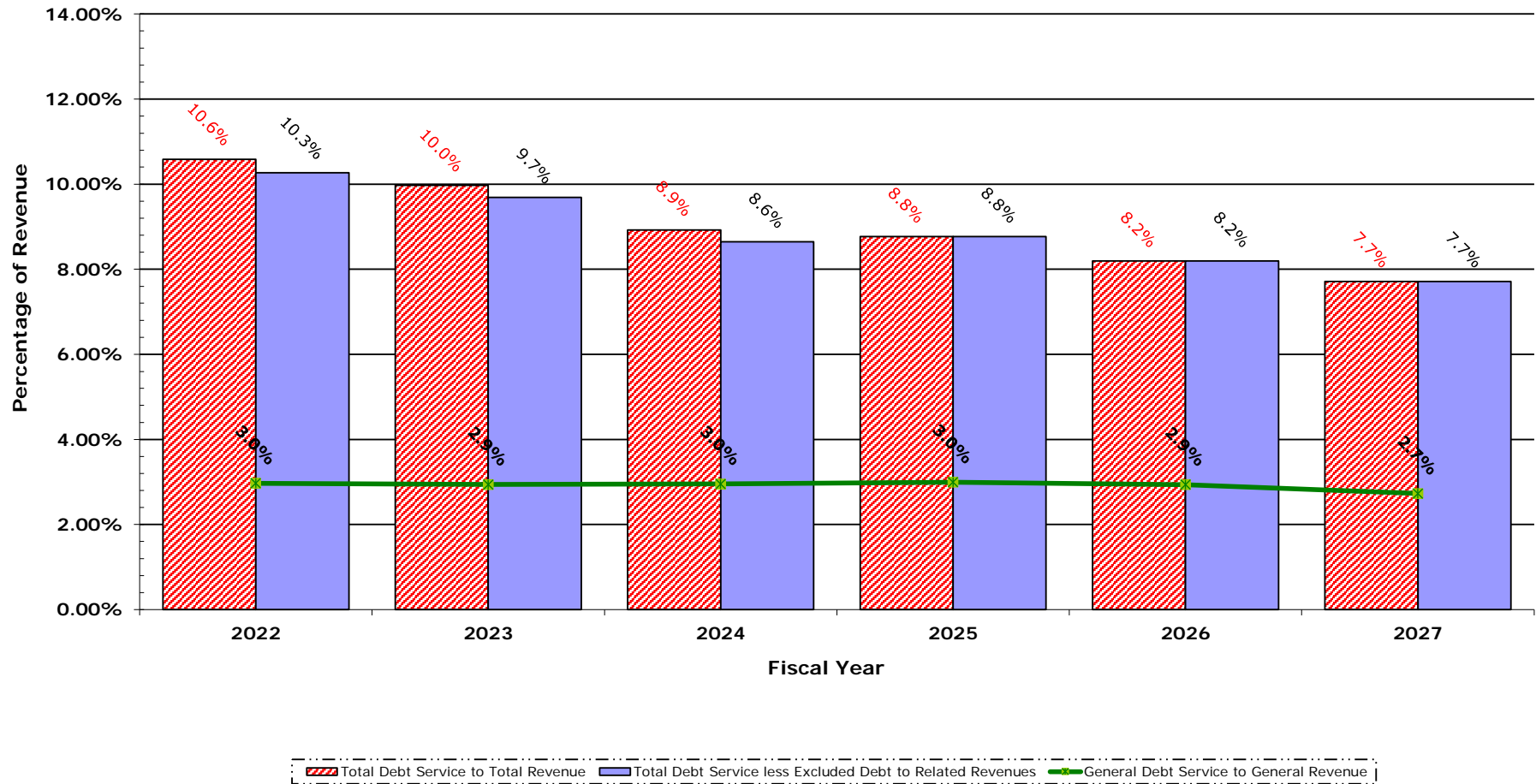
Description	2022	2023	2024	2025	2026	2027
<b>Revenue</b>						
<b>General Fund Within the Levy *</b>	<b>\$180,866,906</b>	<b>\$188,840,083</b>	<b>\$194,977,386</b>	<b>\$201,314,151</b>	<b>\$207,856,861</b>	<b>\$214,612,209</b>
General Fund Excluded from Levy **	\$13,608,677	\$12,981,108	\$10,570,853	\$10,282,766	\$9,232,441	\$8,498,406
CPA Revenue	\$4,067,652	\$3,340,628	\$3,449,198	\$3,561,297	\$3,677,039	\$3,796,543
Sewer Revenue	\$8,814,188	\$8,924,365	\$9,035,920	\$9,148,869	\$9,263,230	\$9,379,020
Water Revenue	\$6,337,945	\$6,417,169	\$6,497,384	\$6,578,601	\$6,660,834	\$6,744,094
<b>Total Revenue</b>	<b>\$213,695,368</b>	<b>\$221,198,501</b>	<b>\$225,225,889</b>	<b>\$230,885,684</b>	<b>\$236,690,405</b>	<b>\$243,030,272</b>
<b>Debt Service</b>						
<b>General Debt (Table I)</b>	<b>\$5,367,745</b>	<b>\$5,552,406</b>	<b>\$5,761,168</b>	<b>\$6,025,781</b>	<b>\$6,101,557</b>	<b>\$5,854,984</b>
Gross Excluded Debt (Table II)	\$14,375,000	\$13,676,256	\$11,266,001	\$10,282,766	\$9,232,441	\$8,498,406
CPA Debt (Table III)	\$1,021,397	\$969,632	\$1,148,631	\$1,628,081	\$1,581,956	\$1,530,656
Sewer Debt (Table IV)	\$610,000	\$610,000	\$675,000	\$750,000	\$923,502	\$1,316,077
Water Debt (Table V)	\$1,250,000	\$1,250,000	\$1,250,000	\$1,550,000	\$1,550,000	\$1,550,000
<b>Total Debt Service</b>	<b>\$22,624,142</b>	<b>\$22,058,294</b>	<b>\$20,100,800</b>	<b>\$20,236,628</b>	<b>\$19,389,457</b>	<b>\$18,750,124</b>
Total Debt Service to Total Revenue	10.6%	10.0%	8.9%	8.8%	8.2%	7.7%
Total Debt Service to Total Revenue (less MSBA) ***	10.3%	9.7%	8.6%	8.8%	8.2%	7.7%
Total Debt Service less Excluded Debt to Related Revenues	4.1%	4.0%	4.1%	4.5%	4.5%	4.4%
<b>General Debt Service to General Fund Revenue</b>	<b>3.0%</b>	<b>2.9%</b>	<b>3.0%</b>	<b>3.0%</b>	<b>2.9%</b>	<b>2.7%</b>

\* General Fund revenue is based on the FY2022 recap with a preliminary estimate increase for FY2023 of 4.4% and the out years are estimated at 3.25% annually.

\*\* Excludes Massachusetts School Building Assistance (MSBA) Revenue and offsets.

\*\*\* Uses net general fund debt excluded figure (or actual debt to be paid by Town after MSBA payment) see table II.

Projected Debt Service as a Percentage of Revenue



Capital Improvement Plan  
January 2022

**Table I**  
**General Fund Capital Projects**  
**Proposed Funding by Debt**  
**FY2023**

Project	Amount	Years +	Bond Rate	Budget					
				2022	2023	2024	2025	2026	2027
<b>General Fund Within the Levy</b>									
Emery Grover Building Renovation (FY2023)	13,400,000	20	7.00%			\$469,000	\$1,373,500	\$1,561,100	\$1,514,200
Roof Top Unit Replacements (Broadmeadow & Eliot) (FY2024)	5,250,000	15	7.00%				\$183,750	\$625,625	\$693,000
Quint Ladder Truck (FY2024)	1,642,298	4	7.00%				\$59,778	\$554,800	\$484,000
Fire Engine (FY2025)	903,483	3	7.00%					\$35,105	\$363,000
Quiet Zone Safety Upgrades (FY2025)	2,775,000	10	7.00%					\$122,125	\$467,500
<b>Estimated Debt Service for Recommended New Authorizations</b>	23,970,781					<b>\$469,000</b>	<b>\$1,617,028</b>	<b>\$2,898,755</b>	<b>\$3,521,700</b>
<b>General Fund Debt</b>									
Authorized & Issued (refer to schedule)				\$3,982,551	\$3,167,356	\$2,983,168	\$2,576,803	\$2,218,453	\$2,134,484
Authorized Not Yet Issued & Short Term Costs				\$1,385,194	\$2,385,050	\$2,309,000	\$1,831,950	\$984,350	\$198,800
Proposed Authorizations						\$469,000	\$1,617,028	\$2,898,755	\$3,521,700
<b>Total General Fund Debt Service Within the Levy</b>				<b>\$5,367,745</b>	<b>\$5,552,406</b>	<b>\$5,761,168</b>	<b>\$6,025,781</b>	<b>\$6,101,557</b>	<b>\$5,854,984</b>
<b>General Fund Within the Levy Revenue *</b>				<b>\$180,866,906</b>	<b>\$188,840,083</b>	<b>\$194,977,386</b>	<b>\$201,314,151</b>	<b>\$207,856,861</b>	<b>\$214,612,209</b>
<b>Debt Service % of General Fund Revenue</b>				<b>3.0%</b>	<b>2.9%</b>	<b>3.0%</b>	<b>3.0%</b>	<b>2.9%</b>	<b>2.7%</b>

\* Refer to the Debt Service to Revenue Table

Capital Improvement Plan  
January 2022

**Table II**  
**Capital Projects**  
**Proposed Funding by Debt Exclusion**  
**FY2023**

Project	Amount	Years +	Bond Rate	Budget					
				2022	2023	2024	2025	2026	2027
<b><u>General Fund Debt Excluded</u></b>									
Currently No Recommendations									
<b>Estimated Debt Service for Recommended New Authorizations</b>									
<b>General Fund Debt Excluded</b>									
Authorized & Issued (refer to schedule)				\$13,169,223	\$10,343,681	\$9,996,151	\$9,051,066	\$8,038,891	\$7,343,006
Authorized Not Yet Issued & Short Term Costs				\$1,205,777	\$3,332,575	\$1,269,850	\$1,231,700	\$1,193,550	\$1,155,400
Proposed Authorizations									
<b>Total General Fund Excluded Debt Service</b>				<b>\$14,375,000</b>	<b>\$13,676,256</b>	<b>\$11,266,001</b>	<b>\$10,282,766</b>	<b>\$9,232,441</b>	<b>\$8,498,406</b>
<b>Projected SBA Payments/Other Adjustments</b>				<b>\$766,323</b>	<b>\$695,148</b>	<b>\$695,148</b>			
<b>Net General Fund Excluded Debt Service</b>				<b>\$13,608,677</b>	<b>\$12,981,108</b>	<b>\$10,570,853</b>	<b>\$10,282,766</b>	<b>\$9,232,441</b>	<b>\$8,498,406</b>

Capital Improvement Plan  
January 2022

**Table III**  
**CPA Capital Projects**  
**Proposed Funding by Debt**  
**FY2023**

Project	Amount	Years +	Bond Rate <sup>^</sup>	Budget					
				2022	2023	2024	2025	2026	2027
<b>CPA Fund</b>									
Emery Grover Building Renovation (FY2023)	6,000,000	20	7.00%			\$210,000	\$720,000	\$699,000	\$678,000
<b>Estimated Debt Service for Recommended New Authorizations</b>	6,000,000					<b>\$210,000</b>	<b>\$720,000</b>	<b>\$699,000</b>	<b>\$678,000</b>
<b>CPA Fund Debt</b>									
Authorized & Issued (refer to schedule)				\$994,056	\$969,632	\$938,631	\$908,081	\$882,956	\$852,656
Authorized Not Yet Issued & Short Term Costs				\$27,341					
Proposed Authorizations						\$210,000	\$720,000	\$699,000	\$678,000
<b>Total CPA Fund Debt Service</b>				<b>\$1,021,397</b>	<b>\$969,632</b>	<b>\$1,148,631</b>	<b>\$1,628,081</b>	<b>\$1,581,956</b>	<b>\$1,530,656</b>

Capital Improvement Plan  
January 2022

**Table IV**  
**Sewer Fund Capital Projects**  
**Proposed Funding by Debt**  
**FY2023**

Project	Amount	Years +	Bond Rate <sup>^</sup>	Budget					
				2022	2023	2024	2025	2026	2027
<b><u>Sewer Enterprise</u></b>									
Sewer Main Greendale/Rte 128 (FY2025)	8,000,000	25	7.00%					\$460,000	\$857,600
<b>Estimated Debt Service for Recommended New Authorizations</b>	8,000,000							<b>\$460,000</b>	<b>\$857,600</b>
<b>Sewer Enterprise Fund Debt</b>									
Authorized & Issued (refer to schedule)				\$601,082	\$576,050	\$468,560	\$468,381	\$380,202	\$380,077
Authorized Not Yet Issued & Short Term Costs				\$8,918	\$33,950	\$206,441	\$281,619	\$83,300	\$78,400
Proposed Authorizations								\$460,000	\$857,600
<b>Total Sewer Debt Service</b>				<b>\$610,000</b>	<b>\$610,000</b>	<b>\$675,000</b>	<b>\$750,000</b>	<b>\$923,502</b>	<b>\$1,316,077</b>



Capital Improvement Plan  
January 2022

**Table V**  
**Water Fund Capital Projects**  
**Proposed Funding by Debt**  
**FY2023**

Project	Amount	Years +	Bond Rate <sup>^</sup>	Budget					
				2022	2023	2024	2025	2026	2027
<b><u>Water Enterprise</u></b>									
Water Distribution Improvements (FY2024)	3,000,000	10	7.00%				\$405,000	\$441,750	\$468,000
<b>Estimated Debt Service for Recommended New Authorizations</b>	3,000,000						<b>\$405,000</b>	<b>\$441,750</b>	<b>\$468,000</b>
<b>Water Enterprise Fund Debt</b>									
Authorized & Issued (refer to schedule)				\$699,495	\$682,530	\$557,965	\$550,197	\$503,229	\$497,059
Authorized Not Yet Issued & Short Term Costs				\$550,505	\$567,470	\$692,035	\$594,803	\$605,021	\$584,941
Proposed Authorizations							\$405,000	\$441,750	\$468,000
<b>Total Water Debt Service</b>				<b>\$1,250,000</b>	<b>\$1,250,000</b>	<b>\$1,250,000</b>	<b>\$1,550,000</b>	<b>\$1,550,000</b>	<b>\$1,550,000</b>

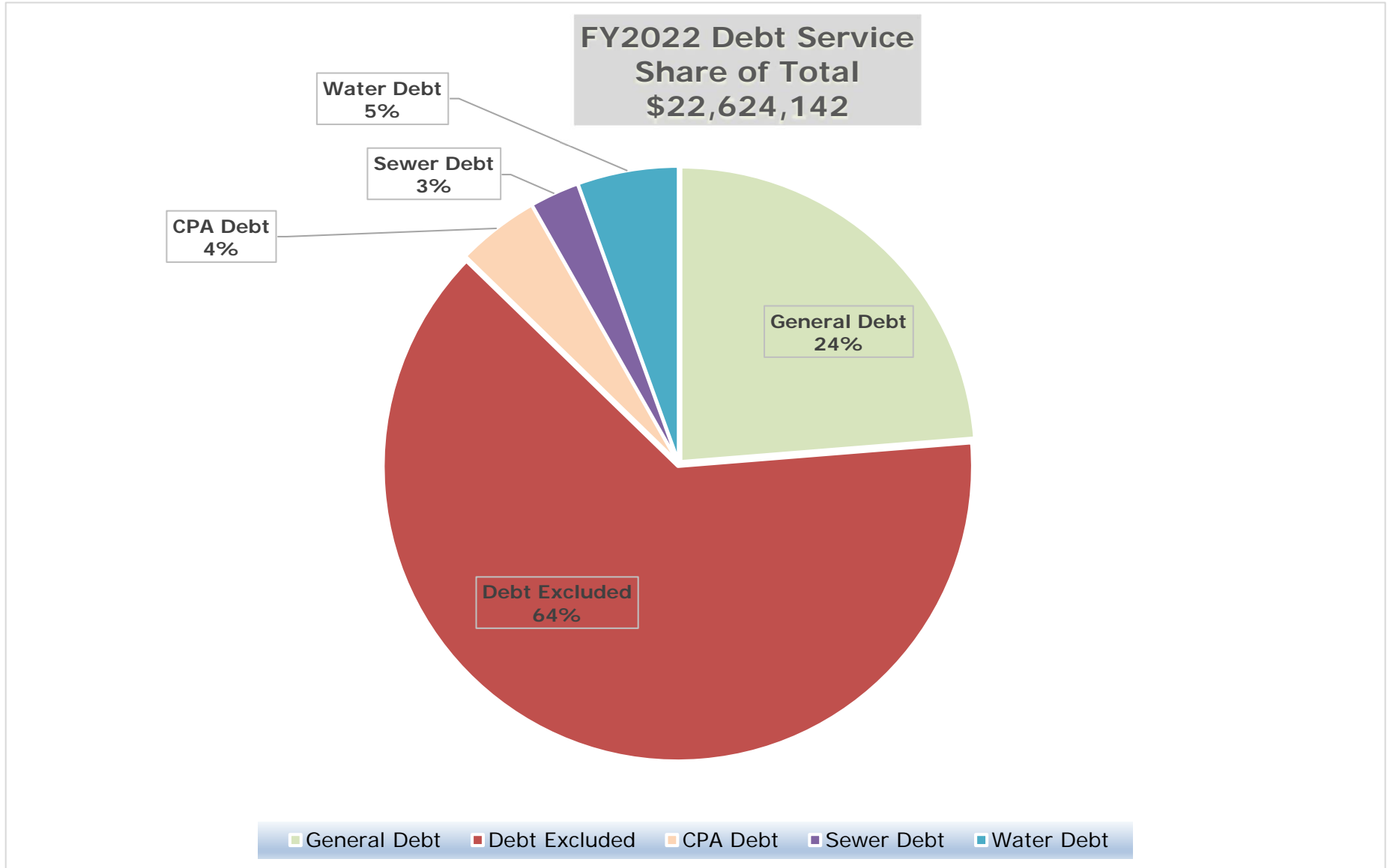
Capital Improvement Plan  
January 2022

**Previously Approved Debt Funded Capital  
Open Authorizations  
Balances Not Yet Issued**

Approved	Project	Town Meeting	Art	Authorized	Balance
2022	Emery Grover Renovation Design	25-Oct-21	7	\$1,475,000	\$1,475,000
2022	Sewer Main Replacement	01-May-21	39	\$363,000	\$363,000
2022	Water Service Connections	01-May-21	41	\$1,000,000	\$1,000,000
2022	Public Safety Buildings Construction	01-May-21	37	\$1,400,000	\$1,400,000
2021	Mitchell School Restroom Upgrades	08-Jun-20	23	\$676,700	\$660,000
2020	Water Distribution System Improvements	06-May-19	41	\$4,500,000	\$4,150,000
2019	Public Safety Buildings Construction	10-Oct-18	10	\$66,245,000	\$11,902,000
2019	Public Works Storage Facility (Jack Cogswell)	14-May-18	35	\$3,503,000	\$2,353,000
2019	Memorial Park Building Project	09-May-18	30	\$2,918,000	\$38,000
2019	RTS Property Improvements	07-May-18	37	\$645,000	\$535,000
2018	Rosemary Recreational Complex	08-May-17	33	\$8,000,000	\$87,500
2017	Central Avenue Elementary School (Williams)	05-Oct-16	2	\$57,542,500	\$879,605
<b>Total</b>				<b>\$148,268,200</b>	<b>\$24,843,105</b>

The above projects are in various stages of completion and therefore the amount and timing of each Note and Bond issue has not yet been determined. The debt retirement will be structured to fit within the proposed budget allocation shown in the debt tables.

Capital Improvement Plan  
January 2022



Capital Improvement Plan  
January 2022

**Town of Needham  
Current Long Term Debt Service Obligations  
Inclusive of the April 15, 2021 Bond Issue**

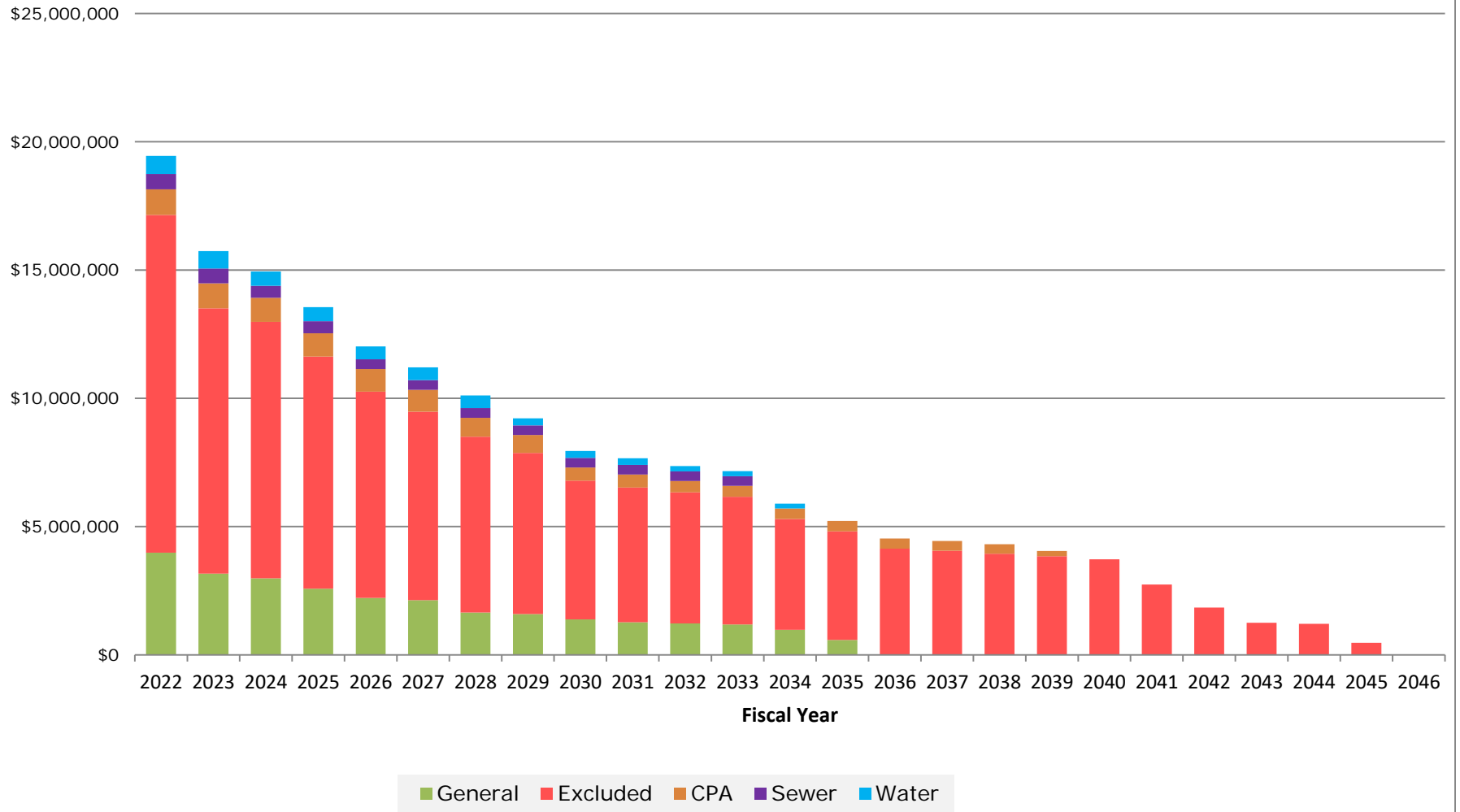
Fiscal Year	General	Excluded	CPA	Sewer	Water	Total
2022	\$3,982,551.27	\$13,169,223.06	\$994,055.57	\$601,082.43	\$699,495.06	\$19,446,407.39
2023	\$3,167,356.27	\$10,343,681.26	\$969,631.26	\$576,050.46	\$682,530.17	\$15,739,249.42
2024	\$2,983,167.52	\$9,996,151.26	\$938,631.26	\$468,559.50	\$557,964.58	\$14,944,474.12
2025	\$2,576,802.52	\$9,051,066.26	\$908,081.26	\$468,380.66	\$550,196.91	\$13,554,527.61
2026	\$2,218,452.52	\$8,038,891.26	\$882,956.26	\$380,202.39	\$503,228.76	\$12,023,731.19
2027	\$2,134,484.39	\$7,343,006.26	\$852,656.26	\$380,076.63	\$497,058.76	\$11,207,282.30
2028	\$1,651,051.26	\$6,851,198.76	\$738,543.76	\$379,952.24	\$491,411.50	\$10,112,157.52
2029	\$1,593,115.64	\$6,277,250.01	\$700,918.76	\$374,829.00	\$273,088.06	\$9,219,201.47
2030	\$1,381,686.27	\$5,408,413.76	\$514,668.76	\$374,907.65	\$267,663.04	\$7,947,339.48
2031	\$1,269,538.76	\$5,257,080.01	\$500,281.26	\$374,987.84	\$261,387.51	\$7,663,275.38
2032	\$1,224,827.50	\$5,114,128.76	\$437,256.26	\$375,070.14	\$206,775.00	\$7,358,057.66
2033	\$1,184,580.00	\$4,978,695.02	\$424,856.26	\$375,154.05	\$195,650.00	\$7,158,935.33
2034	\$977,268.75	\$4,316,878.14	\$413,556.26		\$184,600.00	\$5,892,303.15
2035	\$583,156.25	\$4,231,046.89	\$403,356.26			\$5,217,559.40
2036		\$4,144,362.51	\$393,056.26			\$4,537,418.77
2037		\$4,056,375.01	\$382,531.26			\$4,438,906.27
2038		\$3,945,940.63	\$366,853.13			\$4,312,793.76
2039		\$3,845,384.38	\$203,250.00			\$4,048,634.38
2040		\$3,720,753.13				\$3,720,753.13

Capital Improvement Plan  
January 2022

**Town of Needham**  
**Current Long Term Debt Service Obligations**  
**Inclusive of the April 15, 2021 Bond Issue**

Fiscal Year	General	Excluded	CPA	Sewer	Water	Total
2041		\$2,741,225.00				\$2,741,225.00
2042		\$1,845,650.00				\$1,845,650.00
2043		\$1,252,300.00				\$1,252,300.00
2044		\$1,213,300.00				\$1,213,300.00
2045		\$466,900.00				\$466,900.00
2046						

Current Total Annual Long Term Debt Service  
By Category  
FY2022 - FY2046



Capital Improvement Plan  
January 2022

**Town of Needham Schedule of Outstanding Long Term Debt Service**

			DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	
Project	Amount Issued	Final Maturity	2022	2023	2024	2025	2026	2027	2028 - 2032	After 2032
Town Hall (Series III)			25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00		
Interest			4,031.26	3,375.01	2,656.26	1,906.26	1,156.26	390.63		
Town Hall (Series III)	\$385,000	01-Aug-26	29,031.26	28,375.01	27,656.26	26,906.26	26,156.26	25,390.63		
Kendrick Street Bridge Repair			75,000.00							
Interest			937.50							
Kendrick Street Bridge Repair	\$750,000	01-Aug-21	75,937.50							
Public Services Administration Bldg.			10,000.00	10,000.00						
Interest			600.00	200.00						
Public Services Administration Bldg.	\$100,000	15-Jul-22	10,600.00	10,200.00						
59 Lincoln Street & 89 School Street			3,000.00	3,000.00	3,000.00	3,000.00	2,000.00	2,000.00	10,000.00	2,000.00
Interest			745.00	625.00	505.00	415.00	365.00	325.00	947.50	30.00
59 Lincoln Street & 89 School Street	\$52,500	15-Jul-32	3,745.00	3,625.00	3,505.00	3,415.00	2,365.00	2,325.00	10,947.50	2,030.00
Senior Center (Series I)			50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	235,000.00	45,000.00
Interest			18,256.26	16,756.26	15,256.26	13,756.26	12,256.26	10,756.26	29,584.41	900.00
Senior Center (Series I)	\$1,000,000	01-Nov-32	68,256.26	66,756.26	65,256.26	63,756.26	62,256.26	60,756.26	264,584.41	45,900.00
59 Lincoln Street & 89 School Street			50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	250,000.00	50,000.00
Interest			19,000.00	17,500.00	16,000.00	14,500.00	13,000.00	11,500.00	32,500.00	1,000.00
59 Lincoln Street & 89 School Street	\$1,005,000	01-Nov-32	69,000.00	67,500.00	66,000.00	64,500.00	63,000.00	61,500.00	282,500.00	51,000.00
37-39 Lincoln Street			30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	150,000.00	30,000.00
Interest			11,400.00	10,500.00	9,600.00	8,700.00	7,800.00	6,900.00	19,500.00	600.00
37-39 Lincoln Street	\$605,000	01-Nov-32	41,400.00	40,500.00	39,600.00	38,700.00	37,800.00	36,900.00	169,500.00	30,600.00
51 Lincoln Street			50,000.00	50,000.00	45,000.00	45,000.00	45,000.00	45,000.00	225,000.00	45,000.00
Interest			17,325.00	15,825.00	14,400.00	13,050.00	11,700.00	10,350.00	29,250.02	900.00
51 Lincoln Street	\$950,000	01-Nov-32	67,325.00	65,825.00	59,400.00	58,050.00	56,700.00	55,350.00	254,250.02	45,900.00

Capital Improvement Plan  
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**Town of Needham Schedule of Outstanding Long Term Debt Service**

			DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	
Project	Amount Issued	Final Maturity	2022	2023	2024	2025	2026	2027	2028 - 2032	After 2032
Senior Center (Series II)			255,000.00	255,000.00	255,000.00	250,000.00	250,000.00	250,000.00	1,250,000.00	500,000.00
Interest			110,425.00	102,775.00	93,850.00	85,000.00	77,500.00	69,687.50	217,812.50	20,000.00
Senior Center (Series II)	\$5,050,000	15-Jul-33	365,425.00	357,775.00	348,850.00	335,000.00	327,500.00	319,687.50	1,467,812.50	520,000.00
DPW Complex - Garage Bays			80,000.00	80,000.00	80,000.00					
Interest			5,200.00	3,600.00	2,000.00					
DPW Complex - Garage Bays	\$800,000	15-May-24	85,200.00	83,600.00	82,000.00					
Senior Center (Series III)			55,000.00	55,000.00	55,000.00	50,000.00	50,000.00	50,000.00	250,000.00	100,000.00
Interest			18,800.00	17,700.00	16,600.00	15,225.00	13,975.00	12,725.00	42,475.00	5,250.00
Senior Center (Series III)	\$1,050,500	15-May-34	73,800.00	72,700.00	71,600.00	65,225.00	63,975.00	62,725.00	292,475.00	105,250.00
66 - 70 Chestnut Street			70,000.00	70,000.00	70,000.00	70,000.00	70,000.00	70,000.00	350,000.00	140,000.00
Interest			29,750.00	26,950.00	24,150.00	21,350.00	18,550.00	15,750.00	47,075.00	4,200.00
66 - 70 Chestnut Street	\$1,330,000	15-Nov-33	99,750.00	96,950.00	94,150.00	91,350.00	88,550.00	85,750.00	397,075.00	144,200.00
Central Avenue/Elliott Street Bridge			50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00		
Interest			12,000.00	10,000.00	8,000.00	6,000.00	4,000.00	2,000.00		
Central Avenue/Elliott Street Bridge	\$500,000	15-Jan-27	62,000.00	60,000.00	58,000.00	56,000.00	54,000.00	52,000.00		
Central Avenue/Elliott Street Bridge			80,000.00							
Interest			2,000.00							
Central Avenue/Elliott Street Bridge	\$240,000	15-Jul-21	82,000.00							
Rosemary Recreational Complex			300,000.00	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00	300,000.00	
Interest			60,000.00	48,750.00	41,250.00	33,750.00	26,250.00	18,750.00	15,000.00	
Rosemary Recreational Complex	\$2,260,000	15-Jul-28	360,000.00	198,750.00	191,250.00	183,750.00	176,250.00	168,750.00	315,000.00	
Memorial Park Building			85,000.00	85,000.00	85,000.00	75,000.00	75,000.00	75,000.00	220,000.00	
Interest			32,875.00	28,625.00	24,375.00	20,375.00	16,625.00	12,875.00	16,250.00	
Memorial Park Building	\$970,000	01-Aug-29	117,875.00	113,625.00	109,375.00	95,375.00	91,625.00	87,875.00	236,250.00	



Capital Improvement Plan  
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**Town of Needham Schedule of Outstanding Long Term Debt Service**

			DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE
			2022	2023	2024	2025	2026	2027	2028 - 2032	After 2032
Project	Amount Issued	Final Maturity								
Public works Storage Facility			205,000.00	205,000.00	205,000.00	205,000.00				
Interest			41,000.00	30,750.00	20,500.00	10,250.00				
Public works Storage Facility	\$1,025,000	01-Feb-25	246,000.00	235,750.00	225,500.00	215,250.00				
Memorial Park Building			110,000.00	110,000.00	110,000.00					
Interest			16,500.00	11,000.00	5,500.00					
Memorial Park Building	\$440,000	01-Feb-24	126,500.00	121,000.00	115,500.00					
Public Services Administration Building (Refunding Bond)			206,000.00	210,000.00	215,000.00	190,000.00	195,000.00	185,000.00		
Interest			56,250.00	45,950.00	35,450.00	24,700.00	15,200.00	7,400.00		
Public Services Administration Building (Refunding Bond)	\$1,201,500	01-Feb-27	262,250.00	255,950.00	250,450.00	214,700.00	210,200.00	192,400.00		
Public Works Infrastructure Program			50,000.00	45,000.00	45,000.00					
Interest			4,019.44	3,375.00	1,125.00					
Public Works Infrastructure Program	\$140,000	15-Jul-23	54,019.44	48,375.00	46,125.00					
Public Works Storage Facility			25,000.00	25,000.00	25,000.00					
Interest			2,197.92	1,875.00	625.00					
Public Works Storage Facility	\$75,000	15-Jul-23	27,197.92	26,875.00	25,625.00					
Public Services Administration Building (Refunding Bond)			70,000.00	70,000.00	70,000.00	70,000.00				
Interest			8,788.89	8,750.00	5,250.00	1,750.00				
Public Services Administration Building (Refunding Bond)	\$280,000	15-Jul-24	78,788.89	78,750.00	75,250.00	71,750.00				
Pollard School Roof Replacement			70,000.00	70,000.00						
Interest			4,200.00	1,400.00						
Pollard School Roof Replacement	\$725,000	15-Jul-22	74,200.00	71,400.00						
Pollard School Boiler Replacement			70,000.00							
Interest			1,050.00							
Pollard School Boiler Replacement	\$565,000	15-Jul-21	71,050.00							

Capital Improvement Plan  
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**Town of Needham Schedule of Outstanding Long Term Debt Service**

			DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	
Project	Amount Issued	Final Maturity	2022	2023	2024	2025	2026	2027	2028 - 2032	After 2032
High School Cafeteria Construction			150,000.00	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00		
Interest			36,000.00	30,000.00	24,000.00	18,000.00	12,000.00	6,000.00		
High School Cafeteria Construction	\$1,500,000	15-Jan-27	186,000.00	180,000.00	174,000.00	168,000.00	162,000.00	156,000.00		
High School Expansion Construction			650,000.00	325,000.00	325,000.00	325,000.00	325,000.00	325,000.00	1,625,000.00	975,000.00
Interest			188,500.00	164,125.00	147,875.00	131,625.00	115,375.00	99,125.00	281,125.00	43,875.00
High School Expansion Construction	\$6,500,000	15-Jul-34	838,500.00	489,125.00	472,875.00	456,625.00	440,375.00	424,125.00	1,906,125.00	1,018,875.00
High School Expansion Construction			255,000.00	255,000.00	255,000.00	255,000.00	255,000.00	255,000.00	1,270,000.00	750,000.00
Interest			151,700.00	138,950.00	126,200.00	113,450.00	100,700.00	87,950.00	253,700.00	31,250.00
High School Expansion Construction	\$4,004,000	01-Aug-34	406,700.00	393,950.00	381,200.00	368,450.00	355,700.00	342,950.00	1,523,700.00	781,250.00
<b>Total General Fund Debt Service Within the Levy Limit</b>			3,982,551.27	3,167,356.27	2,983,167.52	2,576,802.52	2,218,452.52	2,134,484.39	7,120,219.43	2,745,005.00
Broadmeadow School (Refunding Bond)			645,000.00	640,000.00	630,000.00					
Interest			63,700.00	38,000.00	12,600.00					
Broadmeadow School (Refunding Bond)	\$8,400,000	01-Nov-23	708,700.00	678,000.00	642,600.00					
Newman School Extraordinary Repairs (Series IV)			452,000.00	452,000.00	452,000.00	452,000.00	448,000.00	448,000.00	2,235,000.00	443,000.00
Interest			140,180.00	122,100.00	104,020.00	90,460.00	81,460.00	72,500.00	210,815.00	6,645.00
Newman School Extraordinary Repairs (Series IV)	\$9,000,000	15-Jul-32	592,180.00	574,100.00	556,020.00	542,460.00	529,460.00	520,500.00	2,445,815.00	449,645.00
Newman School Extraordinary Repairs (Series V)			110,000.00	110,000.00	110,000.00	110,000.00	110,000.00	110,000.00	550,000.00	110,000.00
Interest			41,800.00	38,500.00	35,200.00	31,900.00	28,600.00	25,300.00	71,500.00	2,200.00
Newman School Extraordinary Repairs (Series V)	\$2,200,000	01-Nov-32	151,800.00	148,500.00	145,200.00	141,900.00	138,600.00	135,300.00	621,500.00	112,200.00
Eliot School (Refunding Bond)			250,000.00	245,000.00	245,000.00	245,000.00				
Interest			34,400.00	24,500.00	14,700.00	4,900.00				
Eliot School (Refunding Bond)	\$2,562,000	15-Nov-24	284,400.00	269,500.00	259,700.00	249,900.00				
High School Series 1 (Refunding Bond)			460,000.00	460,000.00	455,000.00	455,000.00	450,000.00			
Interest			82,000.00	63,600.00	45,300.00	27,100.00	9,000.00			
High School Series 1 (Refunding Bond)	\$4,775,000	15-Nov-25	542,000.00	523,600.00	500,300.00	482,100.00	459,000.00			

Capital Improvement Plan  
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**Town of Needham Schedule of Outstanding Long Term Debt Service**

			DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	
Project	Amount Issued	Final Maturity	2022	2023	2024	2025	2026	2027	2028 - 2032	After 2032
High Rock School Design (Refunding Bond)			25,000.00	25,000.00	25,000.00	20,000.00	20,000.00	18,500.00		
Interest			4,840.00	3,840.00	2,840.00	1,940.00	1,140.00	370.00		
High Rock School Design (Refunding Bond)	\$187,770	01-Aug-26	29,840.00	28,840.00	27,840.00	21,940.00	21,140.00	18,870.00		
High Rock & Pollard School Projects (Refunding Bond)			55,000.00	55,000.00	50,000.00	50,000.00	50,000.00	46,500.00		
Interest			11,160.00	8,960.00	6,860.00	4,860.00	2,860.00	930.00		
High Rock & Pollard School Projects (Refunding Bond)	\$429,470	01-Aug-26	66,160.00	63,960.00	56,860.00	54,860.00	52,860.00	47,430.00		
High School (Series IIA) (Refunding Bond)			490,000.00	490,000.00	485,000.00	485,000.00				
Interest			68,200.00	48,600.00	29,100.00	9,700.00				
High School (Series IIA) (Refunding Bond)	\$2,991,900	01-Aug-24	558,200.00	538,600.00	514,100.00	494,700.00				
High School (Series IIB) (Refunding Bond)			95,000.00	95,000.00	95,000.00	95,000.00	95,000.00	93,500.00		
Interest			20,840.00	17,040.00	13,240.00	9,440.00	5,640.00	1,870.00		
High School (Series IIB) (Refunding Bond)	\$782,850	01-Aug-26	115,840.00	112,040.00	108,240.00	104,440.00	100,640.00	95,370.00		
High Rock & Pollard School Projects (Series III) (Refunding Bond)			250,000.00	245,000.00	245,000.00	240,000.00	235,000.00	231,500.00	230,000.00	
Interest			62,060.00	52,160.00	42,360.00	32,660.00	23,160.00	13,830.00	4,600.00	
High Rock & Pollard School Projects (Series III) (Refunding Bond)	\$2,253,010	01-Aug-27	312,060.00	297,160.00	287,360.00	272,660.00	258,160.00	245,330.00	234,600.00	
Owens Farm Land Purchase			280,000.00	280,000.00	280,000.00	280,000.00	280,000.00	280,000.00	1,400,000.00	2,660,000.00
Interest			214,500.00	203,300.00	192,100.00	180,900.00	169,700.00	158,500.00	627,300.00	534,500.00
Owens Farm Land Purchase	\$7,000,000	15-Jan-42	494,500.00	483,300.00	472,100.00	460,900.00	449,700.00	438,500.00	2,027,300.00	3,194,500.00
609 Central Land Purchase			25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	125,000.00	175,000.00
Interest			16,750.00	15,750.00	14,750.00	13,750.00	12,750.00	11,750.00	44,000.00	25,593.78
609 Central Land Purchase	\$730,000	15-Jan-39	41,750.00	40,750.00	39,750.00	38,750.00	37,750.00	36,750.00	169,000.00	200,593.78
William School Construction Project			720,000.00	720,000.00	720,000.00	720,000.00	720,000.00	720,000.00	3,600,000.00	8,640,000.00
Interest			613,800.00	577,800.00	541,800.00	505,800.00	469,800.00	433,800.00	1,693,800.00	1,732,500.00
William School Construction Project	\$18,000,000	15-Jul-43	1,333,800.00	1,297,800.00	1,261,800.00	1,225,800.00	1,189,800.00	1,153,800.00	5,293,800.00	10,372,500.00

Capital Improvement Plan  
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**Town of Needham Schedule of Outstanding Long Term Debt Service**

			DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	
Project	Amount Issued	Final Maturity	2022	2023	2024	2025	2026	2027	2028 - 2032	After 2032
William School Construction Project			295,000.00	295,000.00	295,000.00	295,000.00	295,000.00	295,000.00	1,475,000.00	2,945,000.00
Interest			235,481.26	220,731.26	205,981.26	191,231.26	176,481.26	161,731.26	593,306.30	425,034.43
William School Construction Project	\$7,400,000	01-Aug-41	530,481.26	515,731.26	500,981.26	486,231.26	471,481.26	456,731.26	2,068,306.30	3,370,034.43
Public Safety Buildings Construction			475,000.00	470,000.00	465,000.00	465,000.00	465,000.00	465,000.00	2,300,000.00	5,980,000.00
Interest			410,700.00	387,075.00	363,700.00	340,450.00	317,200.00	293,950.00	1,133,325.00	1,141,087.50
Public Safety Buildings Construction	\$11,565,000	01-Aug-44	885,700.00	857,075.00	828,700.00	805,450.00	782,200.00	758,950.00	3,433,325.00	7,121,087.50
High Rock & Pollard School Projects (Refunding Bond)			463,000.00	470,000.00	475,000.00	475,000.00	480,000.00	480,000.00	945,000.00	
Interest			170,350.00	147,200.00	123,700.00	99,950.00	76,200.00	57,000.00	56,600.00	
High Rock & Pollard School Projects (Refunding Bond)	\$3,788,500	01-Feb-29	633,350.00	617,200.00	598,700.00	574,950.00	556,200.00	537,000.00	1,001,600.00	
Public Safety Buildings Construction			895,000.00	895,000.00	895,000.00	895,000.00	895,000.00	895,000.00	4,475,000.00	7,155,000.00
Interest			581,650.00	536,900.00	492,150.00	447,400.00	402,650.00	366,850.00	1,297,250.00	652,550.00
Public Safety Buildings Construction	\$18,540,000	01-Feb-40	1,476,650.00	1,431,900.00	1,387,150.00	1,342,400.00	1,297,650.00	1,261,850.00	5,772,250.00	7,807,550.00
Public Safety Buildings Construction			3,400,000.00	830,000.00	830,000.00	830,000.00	830,000.00	830,000.00	4,150,000.00	7,460,000.00
Interest			442,697.22	510,250.00	468,750.00	427,250.00	385,750.00	344,250.00	1,131,950.00	670,700.00
Public Safety Buildings Construction	\$19,160,000	15-Jul-40	3,842,697.22	1,340,250.00	1,298,750.00	1,257,250.00	1,215,750.00	1,174,250.00	5,281,950.00	8,130,700.00
Public Safety Building & Station 2 Design			32,000.00							
Interest			404.44							
Public Safety Building & Station 2 Design	\$32,000	15-Jul-21	32,404.44							
High School (Refunding Bond)			184,000.00	170,000.00	175,000.00	175,000.00	180,000.00	180,000.00	85,000.00	
Interest			38,647.08	44,000.00	35,375.00	26,625.00	17,750.00	8,750.00	2,125.00	
High School (Refunding Bond)	\$1,149,000	15-Jul-27	222,647.08	214,000.00	210,375.00	201,625.00	197,750.00	188,750.00	87,125.00	
Newman School Extraordinary Repairs (Refunding Bond)			249,000.00	235,000.00	235,000.00	240,000.00	240,000.00	245,000.00	450,000.00	
Interest			65,063.06	76,375.00	64,625.00	52,750.00	40,750.00	28,625.00	21,500.00	
Newman School Extraordinary Repairs (Refunding Bond)	\$1,894,000	15-Jul-28	314,063.06	311,375.00	299,625.00	292,750.00	280,750.00	273,625.00	471,500.00	
<b>Total General Fund Debt Service Excluded from the Levy Limit</b>			13,169,223.06	10,343,681.26	9,996,151.26	9,051,066.26	8,038,891.26	7,343,006.26	28,908,071.30	40,758,810.71

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**Town of Needham Schedule of Outstanding Long Term Debt Service**

			DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	
Project	Amount Issued	Final Maturity	2022	2023	2024	2025	2026	2027	2028 - 2032	After 2032
Town Hall (Series III)			80,000.00	80,000.00	80,000.00	80,000.00	80,000.00	80,000.00		
Interest			12,900.00	10,800.00	8,500.00	6,100.00	3,700.00	1,250.00		
Town Hall (Series III)	\$1,225,000	01-Aug-26	92,900.00	90,800.00	88,500.00	86,100.00	83,700.00	81,250.00		
Town Hall (Series IV)			55,000.00	55,000.00	55,000.00	55,000.00	55,000.00	55,000.00	200,000.00	
Interest			13,425.00	11,225.00	9,025.00	7,375.00	6,275.00	5,175.00	9,437.50	
Town Hall (Series IV)	\$970,000	15-Jul-30	68,425.00	66,225.00	64,025.00	62,375.00	61,275.00	60,175.00	209,437.50	
Rosemary Recreational Complex			200,000.00	200,000.00	200,000.00	200,000.00	200,000.00	200,000.00	1,000,000.00	1,400,000.00
Interest			136,000.00	126,000.00	116,000.00	106,000.00	96,000.00	86,000.00	298,000.00	152,750.00
Rosemary Recreational Complex	\$4,000,000	15-Jul-37	336,000.00	326,000.00	316,000.00	306,000.00	296,000.00	286,000.00	1,298,000.00	1,552,750.00
Rosemary Recreational Complex			170,000.00	165,000.00	165,000.00	165,000.00	165,000.00	165,000.00	800,000.00	955,000.00
Interest			110,356.26	101,981.26	93,731.26	85,481.26	77,231.26	68,981.26	227,481.30	79,709.43
Rosemary Recreational Complex	\$3,221,000	01-Aug-37	280,356.26	266,981.26	258,731.26	250,481.26	242,231.26	233,981.26	1,027,481.30	1,034,709.43
Town Hall (Refunding Bond)			170,000.00	165,000.00	165,000.00	165,000.00	170,000.00	170,000.00	340,000.00	
Interest			46,374.31	54,625.00	46,375.00	38,125.00	29,750.00	21,250.00	16,750.00	
Town Hall (Refunding Bond)	\$1,345,000	15-Jul-28	216,374.31	219,625.00	211,375.00	203,125.00	199,750.00	191,250.00	356,750.00	
<b>Total CPA Debt Service</b>			994,055.57	969,631.26	938,631.26	908,081.26	882,956.26	852,656.26	2,891,668.80	2,587,459.43

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**Town of Needham Schedule of Outstanding Long Term Debt Service**

			DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	
Project	Amount Issued	Final Maturity	2022	2023	2024	2025	2026	2027	2028 - 2032	After 2032
Sewer Pump Station Reservoir B - MWPAT			289,906.00	296,207.00	302,644.00	309,222.00	315,942.00	322,809.00	1,722,381.00	367,258.00
Interest			84,416.93	78,183.96	71,815.50	65,308.66	58,660.39	51,867.63	152,165.87	7,896.05
Sewer Pump Station Reservoir B - MWPAT	\$6,034,290	15-Jan-33	374,322.93	374,390.96	374,459.50	374,530.66	374,602.39	374,676.63	1,874,546.87	375,154.05
Sewer Rehabilitation - Rte 128 Area (Refunding Bond)			70,000.00	70,000.00						
Interest			4,200.00	1,400.00						
Sewer Rehabilitation - Rte 128 Area (Refunding Bond)	\$500,000	15-Nov-22	74,200.00	71,400.00						
MWRA Sewer System Rehab - I/I Work			35,909.50	35,909.50						
Interest										
MWRA Sewer System Rehab - I/I Work	\$179,548	15-May-23	35,909.50	35,909.50						
MWRA Sewer System Rehab - I/I Work			88,000.00	88,000.00	88,000.00	88,000.00				
Interest										
MWRA Sewer System Rehab - I/I Work	\$440,000	15-Nov-24	88,000.00	88,000.00	88,000.00	88,000.00				
Sewer Rehabilitation - Rte 128 Area (Refunding Bond)			6,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	
Interest			1,650.00	1,350.00	1,100.00	850.00	600.00	400.00	200.00	
Sewer Rehabilitation - Rte 128 Area (Refunding Bond)	\$36,000	01-Feb-28	7,650.00	6,350.00	6,100.00	5,850.00	5,600.00	5,400.00	5,200.00	
Wastewater System Rehabilitation			20,000.00							
Interest			1,000.00							
Wastewater System Rehabilitation	\$46,000	01-Feb-22	21,000.00							
<b>Total Sewer Fund Debt Service</b>			601,082.43	576,050.46	468,559.50	468,380.66	380,202.39	380,076.63	1,879,746.87	375,154.05

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**Town of Needham Schedule of Outstanding Long Term Debt Service**

Project	Amount Issued	Final Maturity	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE	DEBT SERVICE
			2022	2023	2024	2025	2026	2027	2028 - 2032	After 2032
MWPAT Water DWS-08-24			40,042.82	40,847.50	41,668.96	42,506.17	43,361.11	44,232.73	186,001.07	
			9,000.74	8,131.17	7,244.12	6,339.24	5,416.15	4,474.53	8,097.54	
MWPAT Water DWS-08-24	\$765,335	15-Jul-30	49,043.56	48,978.67	48,913.08	48,845.41	48,777.26	48,707.26	194,098.61	
St Mary's Pump Station			100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	500,000.00	195,000.00
Interest			36,775.00	34,775.00	32,775.00	30,275.00	27,775.00	25,275.00	84,075.00	10,150.00
St Mary's Pump Station	\$1,995,000	15-May-34	136,775.00	134,775.00	132,775.00	130,275.00	127,775.00	125,275.00	584,075.00	205,150.00
Water Main Improvements			40,000.00	40,000.00	40,000.00	40,000.00				
Interest			5,600.00	4,000.00	2,400.00	800.00				
Water Main Improvements	\$400,000	15-Nov-20	45,600.00	44,000.00	42,400.00	40,800.00				
St Mary's Pump Station			90,000.00	90,000.00	90,000.00	90,000.00	90,000.00	90,000.00	450,000.00	170,000.00
Interest			37,950.00	34,350.00	30,750.00	27,150.00	23,550.00	19,950.00	59,025.00	5,100.00
St Mary's Pump Station	\$1,700,000	15-Nov-33	127,950.00	124,350.00	120,750.00	117,150.00	113,550.00	109,950.00	509,025.00	175,100.00
Water System Rehabilitation - Rte 128 Area (Refunding Bond)			120,000.00	115,000.00						
Interest			7,000.00	2,300.00						
Water System Rehabilitation - Rte 128 Area (Refunding Bond)	\$638,000	15-Nov-22	127,000.00	117,300.00						
Water Service Connection Replacement (MWRA)			100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	
Interest										
Water Service Connection Replacement (MWRA)	\$1,000,000	15-May-28	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	
Water System Rehabilitation (MWRA)			113,126.50	113,126.50	113,126.50	113,126.50	113,126.50	113,126.50	113,126.50	
Interest										
Water System Rehabilitation (MWRA)	\$1,131,265	15-May-28	113,126.50	113,126.50	113,126.50	113,126.50	113,126.50	113,126.50	113,126.50	
<b>Total Water Fund Debt Service</b>			699,495.06	682,530.17	557,964.58	550,196.91	503,228.76	497,058.76	1,500,325.11	380,250.00
<b>Total Debt Service</b>			19,446,407.39	15,739,249.42	14,944,474.12	13,554,527.61	12,023,731.19	11,207,282.30	42,300,031.51	46,846,679.19