

Number *	Title *	Description	Justification	Department *	Project Type	Year Identified	Estimated Start FY	Amount
General Fund: All Municipal Departments except Water and Sewer								
DPW/Fleet/2020/V1	Replace #301 '06 15kGVW 4WD Truck	Replace 2006 15,000 GVW 4WD Cab and Chassis w/ Utility Body	Vehicle has reached the end of its reliable service life, and is scheduled for 12 year replacement in 2018	429 - C7-429 - Fleet Services	Public Works Rolling Equipment	2017	2020	\$ 138,872
DPW/Highway/2020/1	Annual Various Road Improvements - 2020	Ongoing roadway, curb, sidewalk and related infrastructure improvements to retain overall State of Good Repair.	Without substantial ongoing improvements, the roadway system will deteriorate rapidly, and cost more to raise back up to a State of Good Repair.	422 - C4-422 - Highway	Roadway Infrastructure	2016	2020	\$ 7,500,000
DPW/Highway/2020/10	Guild Road Drain - Design & Construct	Replace approximately 2600 LF of 10-inch and 18-inch diameter pipe with 12-inch and 24-inch pipe.	Necessary Infrastructure Improvements	411 - C4-411 - Engineering	Stormwater Improvement	2017	2020	\$ 460,000
DPW/Highway/2020/11	Henry St Area Drainage Construction	Southern extension of Union Ave corridor improvements	Necessary Infrastructure Improvements	422 - C4-422 - Highway	Stormwater Improvement	2017	2020	\$ 2,000,000
DPW/Highway/2020/12	Nobscot Fire Station Area Drainage Design & Construct	Nobscot Area	Necessary Infrastructure Improvements	422 - C4-422 - Highway	Stormwater Improvement	2017	2020	\$ 250,000
DPW/Highway/2020/13	School St Bridge Replacement - Design	Design and construct bridge improvements.	Necessary infrastructure improvements - Bridge Management Plan.	411 - C4-411 - Engineering	Roadway Infrastructure	2017	2020	\$ 360,000
DPW/Highway/2020/2	Annual Drainage System & Water Quality Projects - 2020	Annual Appropriation for DPW capital repairs to the stormwater conveyance system. Improvements include removal of debris and sedimentation restoration of channel bottoms. Includes repairs to side walls, banks and channel formed channel bases. Improvements will restore system capacity and mitigate flooding.	Necessary infrastructure improvements	411 - C4-411 - Engineering	Stormwater Improvement	2017	2020	\$ 250,000
DPW/Highway/2020/3	Annual MS4 Permit Implementation - 2020	This project will provide funds to comply with new National Pollutant Discharge Elimination System (NPDES) Phase II Municipal Separate Storm Sewer System (MS4) permit requirements. Specifically, this project will update GIS mapping of the separate storm sewer system in accordance with the new system mapping requirements for the Illicit Discharge Detection and Elimination program, including delineation of the watersheds served by each outfall. Additionally, this project will prepare studies and plans as required by the permit for Minimum Control Measure 6 – Good Housekeeping and Pollution Prevention for Permittee-Owned Operations and Non-Numeric Effluent Requirements for discharges to certain impaired waters.	The Environmental Protection Agency (EPA) issued a new NPDES Phase II MS4 General Permit which becomes effective July 1, 2017. The Town of Framingham is required to operate its storm sewer system under the MS4 General Permit. The new permit has increased unfunded mandates for compliance including, but not limited to: <ul style="list-style-type: none"> • All Town properties will be included in the permit, including but not limited to schools, parks, conservation areas, and Town facilities whereas previously permit compliance focused on the roadway drainage system; • Additional storm sewer system inspections and maintenance will be required annually; • Increased inspection and sampling for water quality and potential illicit discharges will be required; • Significant increases required for administration, mapping and reporting. • Increased stormwater management is required for new and re-development, which is more stringent than the current MassDEP Stormwater Standards and Town bylaws; and • Additional operations and capital investments will be required for drainage areas to impaired waterbodies which include: Lake Waushakum, Farm Pond, and Framingham Reservoir #2. 	422 - C4-422 - Highway	Stormwater Improvement	2017	2020	\$ 130,000
DPW/Highway/2020/4	Annual Traffic Calming - 2020	Annual Appropriation for Traffic Calming Improvements.	Necessary infrastructure improvements.	422 - C4-422 - Highway	Roadway Infrastructure	2017	2020	\$ 150,000

DPW/Highway/2 020/5	Central and Concord Saxonville Intersections - Construction	This project includes the design of intersection improvements for Concord Street/Elm Street/Central Street. Design includes preparation of plans, research regarding right-of-way, traffic simulation modeling, drainage improvements, and trenching for signalization. Improvements include roadway layout, curbing, pavement markings, traffic signaling, signage, crosswalks, sidewalks, and ADA ramps as appropriate.	The design of the intersection is needed to not only improve traffic flow but also to complete the utility and street improvements that have been made to this area over the last seven years.	411 - C4-411 - Engineering	Roadway Infrastructure	2017	2020	\$	3,400,000
DPW/Highway/2 020/6	Central/Edgell Intersection - Design	This project includes the design of improvements for the Edgell Road/Central Street intersection. Design includes preparation of plans, research regarding right-of-way, traffic simulation modeling to determine the optimal roadway layout and need for traffic signalization. Improvements include roadway layout, curbing, pavement markings, traffic signaling, signage, crosswalks, sidewalks, drainage improvements, and ADA ramps as appropriate.	As noted for the project "Intersection Improvements at Water/Edmands/Edgell", the Town is currently evaluating a complete street assessment of Edgell Road from Vernon Street to the intersection with Edmands Road and Water Street. As part of this study key intersections such as Central Street are being investigated and evaluated. The Central Street intersection is of special interest given the high volume of traffic into a densely populated section of Town. Because improvements at intersections such as Central Street are more complex than general roadway improvements, a longer lead time is required to design and construct improvements in these locations.	411 - C4-411 - Engineering	Roadway Infrastructure	2017	2020	\$	290,000
DPW/Highway/2 020/7	Concord St Roadway, Cherry-OCP - Construction	This project will provide funds for the restoration of approximately 1,000 feet of the Concord Street roadway from School Street to Cherry Street, and will provide the restoration of the roadway, as well as improvements to sidewalks, drainage, street lighting, ADA ramps, curbing, pavement and pavement markings.	The roadway has had pavement binder since utility work was completed in 2013.	422 - C4-422 - Highway	Roadway Infrastructure	2017	2020	\$	3,210,000
DPW/Highway/2 020/8	Fountain St Roadway & Related - Construction	Roadway and drainage surface improvements	Hydraulic and water quality improvements	411 - C4-411 - Engineering	Stormwater Improvement	2017	2020	\$	3,000,000
DPW/Highway/2 020/9	FSU Area Ped (RR) Crossings - Construction	These projects are for the design of safer sidewalks and pedestrian crossings, including at the railroad. Improvements include sidewalk, pavement and curbing, signage, and improved signage and signalization at the railroad crossing.	Both locations are heavily used paths for students and faculty at Framingham State University. The improved signalization and signage at the railroad crossing will increase pedestrian safety.	411 - C4-411 - Engineering	Roadway Infrastructure	2017	2020	\$	650,000
DPW/Highway/2 020/Eq1	Replace #447 '15 4-Wheel Sweeper	Replace 2015 Freightliner 4 Wheel Sweeper	Vehicle has reached the end of its reliable service life, and is scheduled for 5 year replacement in 2020	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2020	\$	257,640
DPW/Highway/2 020/Eq2	Replace #456 '03 Skidsteer Loader	Replace 2003 Bobcat Skidsteer Loader	Vehicle has reached the end of its reliable service life and is scheduled for 15 year replacement in 2018	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2020	\$	96,200
DPW/Highway/2 020/Eq3	Replace #465 '96 Sidewalk Tractor	Replace 1996 Trackless Sidewalk Tractor	Vehicle has reached the end of its reliable service life, and is scheduled for 15 year replacement in 2020	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2020	\$	191,055
DPW/Highway/2 020/Eq4	Replace #468 '04 Sidewalk Tractor	Replace 2004 Holder Sidewalk Tractor	Vehicle has reached the end of its reliable service life and is due for replacement	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2020	\$	192,420
DPW/Highway/2 020/Eq5	Replace #480 '01 Brush Chipper	Replace 2001 Morbark Brush Chipper	Equipment has reached the end of its reliable service life, and is scheduled for 10 year replacement in 2011	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2020	\$	67,124
DPW/Highway/2 020/Eq6	Replace #482 '05 Asphalt Paver	Replace 2005 Leeboy Asphalt Paver	Equipment has reached the end of its reliable service life, and is scheduled for 10 year replacement in 2015	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2020	\$	88,400
DPW/Highway/2 020/V1	Replace #408 '07 15kGVW 4WD Truck	Replace 2007 15,000 GVW 4WD Cab and Chassis w/ Rack Body and Plow	Vehicle has reached the end of its reliable service life, and is scheduled for 10 year replacement in 2017	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2020	\$	71,129
DPW/Highway/2 020/V2	Replace #417 '06 15kGVW 4WD Truck	Replace 2006 15,000 GVW 4WD Cab and Chassis w/ Rack Body and Plow	Vehicle has reached the end of its reliable service life, and is scheduled for 10 year replacement in 2016	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2020	\$	62,536
DPW/Highway/2 020/V3	Replace #428 '97 35kGVW Dump Truck	Replace 1997 Volvo 35,000 GVW Cab and Chassis with Dump Body and Snow Plow	Vehicle has reached the end of its reliable service life, and was scheduled for 20 year replacement in 2017	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2020	\$	194,438
DPW/Highway/2 020/V4	Replace #431 '98 65kGVW Dump Truck	Replace 1998 Autocar 65,000 GVW Cab and Chassis with Dump Body and Snow Plow	Vehicle has reached the end of its reliable service life, and was scheduled for 20 year replacement in 2018	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2020	\$	228,800

DPW/Highway/2020/V5	Replace #442 '04 35kGVW Dump Truck	Replace 1997 Sterling 35,000 GVW Cab and Chassis with Dump Body and Snow Plow	Vehicle has reached the end of its reliable service life, and was scheduled for 15 year replacement in 2019	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2020	\$	202,216
DPW/Sanitation/2020/V1	Replace #518 '99 72kGVW Rolloff Truck	Replace 1999 Volvo 72,000 GVW Chassis and Cab with Rolloff Frame and Plow	Vehicle will have reached the end of its reliable service life, and is scheduled for 20 year replacement in 2019	433 - C7-433 - Sanitation	Public Works Rolling Equipment	2017	2020	\$	235,000
DPW/Sanitation/2020/V2	Replace #532 '06 Refuse Rear Load Packer	Replace 2006 Mack 72,000 GVW Refuse Rear Load Packer, with Plow	Vehicle will have reached the end of its reliable service life, and is scheduled for 8 year replacement in 2014	433 - C7-433 - Sanitation	Public Works Rolling Equipment	2017	2020	\$	350,000
	F250 4x4 Extended Cab	F250 4x4 Extended Cab	These funds will be used to purchase a F250 4x4 Extended Cab that will replace e	Parks	Parks Rolling Equipment		2020	\$	48,062
	F350 4x4 Extended Cab 10,400 GVW	F350 4x4 Extended Cab 10,400 GVW	This vehicle is used to transport workers, materials, trailers and other pieces of e	Parks	Parks Rolling Equipment		2020	\$	44,898
	F250 4x4 Extended Cab Truck		This vehicle is used to transport workers, materials, trailers and other pieces of e	Parks	Parks Rolling Equipment		2020	\$	79,351
	Case M570 TX Loader	Case M570 XT Loader.	This vehicle is essential to our day to day operations. This loader is used to move and load materials daily, move heavy pieces of equipment, operate field maintenance attachments and perform snow removal. This replaces a 2005 Case M570 XT Loader with 5,896 operation hours.	Parks	Parks Rolling Equipment		2020	\$	500,000
	Walsh Athletic Fields Renovations - Phase II	This project continues the collaboration with the School Department to improve the Walsh Athletic Fields. Phase II encompasses the reduction and repaving of the existing track and improvement of the field conditions on the lower playing fields.	This project will consist of reduction and repaving of the existing track, redesign of existing field within the track area to maximize it usability and performance, redesign and installation of a proper drainage system, installation of an irrigation system at both athletic fields, and potential addition of an accessible parking area abutting the lower fields on the Walsh entrance side.	Parks	Parks Facilities		2020	\$	420,835
	Tennis and Basketball Court Resurfacing Phase 1	Resurfacing of the sport courts and installation of new fencing, tennis and basketball hardware.	Typically, tennis and basketball courts need to be resurfaced every 10-15 years. The Winch Basketball courts have not been resurfaced in over ten years and now will require additional maintenance in order to bring them back to safe playable condition. Without recommended maintenance, these courts will be closed due to safety issues. The Winch Tennis courts are beginning to display significant cracks in the surfacing. Attempts to resolve the cracking through repair has not yielded the desired results.	Parks	Parks Facilities		2020	\$	250,000
	Play. Equip \ Hand. Access., Phase III-Oakvale Park	The Parks and Recreation Department has a play structures list that is prioritized according to equipment in need of replacement or upgrade. Phase 3 of this replacement program will provide funding to significantly improve Oakvale Park. The budget estimate is based on a project currently under construction with associated pricing provided by Weston and Sampson Architectural Firm and includes accessibility improvements, play equipment, rubber safety mulch and poured in place rubber surfacing.	Many of the Parks playgrounds provide limited handicapped accessibility as well as outdated and potentially hazardous play equipment and safety surfacing. Studies have shown that two-thirds of playground injuries result from falls to inappropriate surfacing below the equipment. Other injuries often occur from protrusions, sharp edges, hot surfaces and pinch points. Current equipment at these locations has been in existence for many years and is far from being in compliance with current industry standards. The U.S. Consumer Product Safety Commission has established standards for playground equipment and safety surfacing. Traditionally play equipment was not designed with a high degree of regard for safety standards and handicap accessibility. New equipment and safety surfacing is designed in conjunction with the new CPS safety guidelines to eliminate these common problems. This appropriation will provide significantly improved handicapped accessibility, compliant play equipment and a combination of poured in place safety surfacing and rubber mulch.	Parks	Parks Facilities		2020	\$	77,050

Cushing Phase VI Feasibility Study	Cushing Phase 6 Feasibility Study.	A comprehensive Master Plan was completed in 2001 with significant cooperation and participation of Town Residents. Cushing has become the central park in Framingham and is used by hundreds of residents daily for passive recreation. We propose a feasibility study that will identify the requirements to install a pond, currently proposed for the southern area of the park near the Winter Street parking lot.	Parks	Parks Facilities	2020	\$	50,000
Park Signage Phase I	Installation of a signage program for Parks and Recreation properties throughout town. Proposed phase locations include Longs Athletic Complex, Arlington Street Park, Apple Street Park, Little League Complex at Longs, Mt. Wayte Park, Roosevelt Park, Anna Murphy Park and Bates Road Park.	Current signage throughout our Parks system is outdated and limited with regard to impact and aesthetics. Beautification of Parks properties lends to neighborhood stabilization and a sense of pride in community. The Board of Selectmen Vision Statement indicates "Our Town will foster a sense of pride by placing a high priority on quality education, neighborhood parks ... and promote a clean and beautiful Town." The "Choose Framingham" initiative identifies the fact that "the average distance to a playground or other recreation area from any single family parcel is approximately a quarter of a mile." Proposed signage will create a common theme for all Park properties, while improving the aesthetics and beautifying the neighborhoods and the Town. This signage program is a low cost way to advance both the Board of Selectmen Vision Statement and the "Choose Framingham" initiative.	Parks	Parks Facilities	2020	\$	36,677
Technology Upgrades Throughout the District FY20	Technology Upgrades Throughout the District	Technology Upgrades Throughout the District	School	School Technology Software	2020	\$	500,000
Furnish New and Replace Outdated Furniture multiple schools	The majority of schools have the same furniture that was purchased during their construction in the sixties. Although there are many pieces of relatively new furniture in the schools, there is no way to refurbish the 255 classrooms that still use outdated furniture. Current teaching methods and modern technology in the elementary and middle school grades require the use of laptop and other devices.	Continuation of furniture upgrades \$ 300,000	School	School Non-Rolling Equipment	2020	\$	300,000
Security Enhancement Throughout the District	Security Enhancement Throughout the District	The School Department has implemented increased security measures throughout the District and is mindful of past national school related security events. Continue to enhance security throughout the District \$25,000.00 per year.	School	School Building Mechanical	2020	\$	25,000

		To properly maintain school buildings so they are safe, efficient and sound, mechanical, electrical and plumbing upgrades on multiple systems need to be performed. All schools will require upgrades in the near future. Below is a prioritized list of pumps, drives, motors, lighting, burners and appurtenances.						
Mechanical, Electrical, Plumbing Upgrades - All Schools - Multiple Systems - FY20	Mechanical, electrical and plumbing upgrades in all schools in order to properly maintain buildings.		\$ 150,000	School	School Building Mechanical	2020	\$	150,000
		FY19-24:						
		Continue with mechanical, electrical and plumbing upgrades each year	\$ 150,000					
		* Please note that the majority of the mechanical, electrical and plumbing upgrades listed must be completed during the months of July and August when students are not in the schools. Requested amounts reflect the amount of construction and installation work that can be completed in this short time frame.						
		Numerous schools were cited for damaged curbs, sidewalks, curb cuts, handicap ramps and deteriorated pavement in the ADA Town-wide Transition Plan. These funds would be part of a phased repair and upgrade plan to repair or replace the noted deficiencies which includes removal of architectural barriers and replacing or adding ADA compliant signage.						
	Upgrades to Curbs, Sidewalks, Handicap Ramps/Lifts, Railings, Bathroom Parthitiions, Hardware, Signage and Removal of all Architectural Barriers and Design for Compliance	Town Unit Pricing Contracts will be utilized for sidewalk repairs at multiple schools.						
ADA Upgrades to for Compliance	<ul style="list-style-type: none"> • Partitions • Hardware • Signage • Bathrooms • Knobs • Door Handles • Design for Compliance 			School	School Building Structure	2020	\$	150,000
		FY21-FY25:						
		Continue with ADA upgrades at various schools. \$ 200,000 each year						
		Please note that ADA site upgrades must be completed during the months of July and August when students are not in the schools. Requested amounts reflect the amount of construction work that can be completed in this short time frame.						
Asbestos Abatement Floor Tile, Ceiling Tile, Pipe Insulation - Hemenway	Asbestos Abatement Floor Tile, Ceiling Tile, Pipe Insulation - Hemenway School	Asbestos Abatement Floor Tile, Ceiling Tile, Pipe Insulation - Hemenway Please note that the majority of ACM removal and replacement listed must be completed during the months of July and August when students are not in the schools. Requested amounts reflect the amount of construction and installation work that can be completed in this short time frame.		School	School Building Structure	2020	\$	450,000

		Continue to design storm water upgrades and paving replacement at schools listed below. Funding request includes design costs (\$600,000 per year), storm water upgrades and paving replacement. As in the past, the Town unit pricing contracts will be utilized.													
Paving Replacement/Storm Water All Schools -Walsh FY20	Multiphased project with ongoing work to preserve, repair, and maintain school parking lots, driveways and storm water systems. As in the past, the Town Unit Pricing Contracts will be utilized.	<ul style="list-style-type: none"> • Brophy Elementary School • Barbieri Elementary School • Hemenway Elementary School • Cameron Middle School • Thayer Building • McCarthy Elementary School <p>\$600,000 each year</p>	School	Stormwater Improvement	2020	\$	600,000								
Heating Ventilation Air Conditioning (HVAC) - Replace Rooftop Air Handling Units (AHU's) and Ventila	Continue upgrading Heating Ventilation Air Conditioning (HVAC) equipment at Multiple Schools.	<p>Continue upgrading Heating Ventilation Air Conditioning (HVAC) equipment at multiple schools. In addition, due to changes in building code requirements for snow and wind load, additional structural support is required for the ventilation and air handling roof top units.</p> <p>Please note that this HVAC work must be completed during the months of July and August when students are not in the schools. Requested amounts reflect the amount of construction and installation work that can be completed in this short time frame.</p>	School	School Building Mechanical	2020	\$	70,000								
Major Renovation/Replacement Resulting from MSBA Feasibility Study Recommendation - Phased Multiple	Anticipate major renovation/replacement of school building.	<p>Project of \$65,000,000 Hemenway School</p> <p>FY23: Project of \$26,000,000 anticipated.</p> <p>Note: Projects are a result of pre-feasibility and MSBA feasibility projects and process. Future schools to be determined by and approved by the School Committee.</p>	School	School Building Structure	2020	\$	65,000,000								
Theatrical Equipment Replacement - FHS - Deferred	The Theatrical Department at the Framingham High School is requesting to purchase 2 pianos to replace the ones in the poorest condition.	<p>Replacement of theatrical Equipment - Pianos To Replace: Baldwin Upright - 42 years old - Poor condition Baldwin Upright - 46 years old - Poor condition</p> <table border="0"> <tr> <td>Steinway and Sons (Ebony Polish Polyester 7')</td> <td>\$ 90,992</td> </tr> <tr> <td>Steinway and Sons (Ebony Polish Polyester 5'1")</td> <td>\$ 57,288</td> </tr> <tr> <td>Darnell Casters plus delivery (2)</td> <td>1,100</td> </tr> <tr> <td>Total</td> <td>\$149,380</td> </tr> </table>	Steinway and Sons (Ebony Polish Polyester 7')	\$ 90,992	Steinway and Sons (Ebony Polish Polyester 5'1")	\$ 57,288	Darnell Casters plus delivery (2)	1,100	Total	\$149,380	School	School Non-Rolling Equipment	2020	\$	149,380
Steinway and Sons (Ebony Polish Polyester 7')	\$ 90,992														
Steinway and Sons (Ebony Polish Polyester 5'1")	\$ 57,288														
Darnell Casters plus delivery (2)	1,100														
Total	\$149,380														
Fire Alarm Upgrades - Dunning, Hemenway, Woodrow Wilson	Scheduled fire alarm upgrades at the Dunning, Hemenway, Woodrow Wilson	<p>FY22: Potter Rd. and Cameron \$310,000</p> <p>FY23: Stapleton \$100,000</p> <p>FY25: Barbieri \$190,000</p>	School	School Building Mechanical	2020	\$	400,000								

		FY22 – Potter Elementary School:						
		Lighting upgrades to provide energy savings and maintain building	\$					
		65,000						
		FY23 – Walsh Middle School:						
Lighting Upgrades - Dunning, Hemenway	Lighting Upgrades - Dunning, Hemenway	Lighting upgrades to provide energy savings and maintain building	\$	School	School Building Mechanical	2020	\$	130,000
		215,000						
		FY24 – Stapleton Elementary School:						
		Lighting upgrades to provide energy savings and maintain building	\$					
		60,000						
		Please Note: Many of these projects may be eligible for NSTAR rebates and result in energy cost savings.						
		FY23: Brophy \$215,000						
		FY24: Potter Rd. \$215,000		School	School Building Mechanical	2020	\$	95,000
Electrical Service Upgrade - Juniper	Electrical Service Upgrade Juniper							
		FY25: Walsh \$725,000						
		FY26: Stapleton \$135,000						
Sewer Ejector - McCarthy School	Sewer Ejector - McCarthy School	FY20: Sewer Ejector - McCarthy School Scheduled replacement \$73,500		School	School Building Mechanical	2020	\$	73,500
		FY20: Cameron Middle School Replement of the Water Storage Tank						
		Scheduled replacement of the storage tanks						
Water Storage Tank Replacement - Cameron Middle School		FY23: Woodrow Wilson School / McCarthy Elementary School \$25,000		School	School Building Mechanical	2020	\$	15,600
		FY24: Walsh \$23,400						
Generator Replacement - Woodrow Wilson School - Deferred	Generator Replacement - Woodrow Wilson School	FY20: Replacement of 20 year old 1997 150kW Generator at Woodrow Wilson \$ 120,000		School	School Building Mechanical	2020	\$	120,000

Roof Replacements on a 20 year schedule

FY22:
Woodrow Wilson
\$1,652,132

FY23:
McCarthy
\$925,925

FY24:
Cameron
\$2,127,600

FY25:
Juniper Hill
\$1,299,144

Roof Replacements - Dunning, Hemeway, Potter Road
Roof Replacements at Dunning, Hemenway, Potter Road - 20 Year Replacement Schedule

School

School Building Structure

2020 \$ 3,232,156

Vehicles

School

School Rolling Equipment

2020 \$ 44,898

Axis Camera Station Replacement Upgrade our current VMS to a more robust and open platform \Our current VMS is hitting roadblocks due to the amount of viewers required by

Technology

Town Technology Hardware

2020 \$ 125,000

Emergency Response Pick-up H1 Fire Apparatus Asset Replacement

Fire Department

Public Safety Non-Rolling

2020 \$55,000

Replace SCBA - Self Contained Breathing Apparatus

Fire Department

Public Safety Non-Rolling

2020 \$400,000

Replace Headquarters Engine pumper #3.

Fire Department

Public Safety Rolling Equipment

2020 \$650,000

Grand Total General Fund Requests for FY2020

\$ 98,268,237

Enterprise Fund: Water and Sewer Departments

DPW/Sewer/2020/01	Annual Various Sewer Improvements - 2020	Funding for the DPW to respond to unanticipated sewer system failures	Necessary infrastructure improvements	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017	2020	\$ 150,000
	Sewer Defects Repairs Ph 3 – Design and Construction	This work will continue Phases 1 and 2 that implemented “No Dig” lining repairs (aka trenchless) south of Worcester Road/Route 9, and determination of how to best implement more expensive and disruptful “Dig” repairs in the Phases 1 and 2 areas, as well as both "Dig" and "No Dig" repairs elsewhere in the City.	Framingham has studied 50% of its sewer system focused on identifying high priority sewer repairs that would reduce infiltration, as well as extend the reliable service life of sewer system assets. Infiltration reduces the capacity for sewage flow, can result in back ups and overflows, and increases the billings from MWRA, which is based on total sewer flow from Framingham. Phase 1 repairs were implemented in late 2017 for defects at and south of Waverly Street, with only “No Dig” lining performed to date, since they could be implemented more rapidly, at less cost, and none of the surface disruptions with “Dig” repairs or replacements.	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017	2020	\$ 1,000,000
DPW/Sewer/2020/10	SSES Report, Area #6	Perform Sewer System Evaluation Study of a 6th area of the City	Necessary infrastructure improvements.	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017	2020	\$ 500,000
DPW/Sewer/2020/11	Annual Sewer Pump Stations Eqpt Replacements - 2020	This appropriation will provide for the replacement and upgrades of equipment at older wastewater pumping stations. The project includes the planned replacement of pumps, motors, controls and others, as well as emergency replacements.	The lifespan and reliability of these stations can be extended a decade or more through the replacement of component parts as they become worn and inefficient, thereby reducing the near-term need for significant capital funds. For example, underground controls and Supervisory Control and Data Acquisition (SCADA) systems may be considered to be raised above ground for reduction of corrosion and for safety purposes.	440 - C2-440 - Sewer Enterprise	Pump Station Mechanical	2017	2020	\$ 400,000

	Beaver Pk Area Sewer Mains - Design	The work includes the replacement and rehabilitation of the water and sewer system. A pipe assessment study will evaluate the approximately 19,000 linear feet of water mains and 15,000 linear feet of sewer in the area to determine the extent of deterioration and need for rehabilitation (note that, primarily due to parallel water lines on Beaver Street, the length of water line in the area is longer than the length of sewer).Due to the age of the water system it is anticipated that the water mains will require replacement. The project will also include the replacement of hydrants and water services within the right-of-way along the new water main. It is anticipated that the sewers, manholes, and building services within the right of way will also require replacement.	The project follows the principle of providing the renewal of aged sub-surface utilities in association with roadway improvements in order to reduce total capital cost, as well as reduce disruption of traffic and businesses.	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017	2020	\$	650,000	
DPW/Sewer/2020/3	Blackberry SPS Rehab/Replace - Construction	Rehab or replace	Aged and poor condition. Maintenance becoming more expensive and more needed.	440 - C2-440 - Sewer Enterprise	Pump Station Structure	2017	2020	\$	2,000,000	
DPW/Sewer/2020/5	Central St Corridor Sewer Mains - Construction	Relocate, replace and line	Necessary infrastructure improvements	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017	2020	\$	4,900,000	
	Interchange 12 Sewer - Construction	This sewer improvement is required for the undersized and aged line serving Tech Park, 9/90 and other areas, with increased capacity to allow planned growth in the Tech Park and 9/90 areas. Subsurface investigation and detailed design revealed that specialty construction methods are needed to provide the additional capacity and to reduce construction risks, particularly where it needs to cross under I-90 and the CSX railroad, as well as to reduce impacts to residents and businesses.	The original design was for installation of a 24-inch pipe to provide an additional 3 million gallons per day (MGD), with 5,000 linear feet (LF) of open cut mostly through residential neighborhoods, and two short sections of pipe jacking under the highway and railroad. The pipe size has been further increased to 30 inches, providing an additional 5 MGD of capacity, and was realigned to be mostly along the CSX line. To optimally manage risks during and after construction, with the soils and groundwater conditions found during subsurface investigation, the proposed methods of construction now includes approximately 2,500 LF of micro-tunneling and auger boring, and 2,500 LF of open cut. These changes increase the project cost by \$2.8 million, though value engineering reduced that by approximately \$0.75 million, and therefore, \$2.1 million is requested in additional funding.	The project follows the principle of providing the renewal of aged sub-surface utilities combined with planning for future commercial and industrial growth. The construction methods proposed are partially dictated by existing site conditions, but were also developed with a goal of minimizing disruption to residents and businesses.	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017	2020	\$	3,000,000
DPW/Sewer/2020/6	Garvey Rd Sewer Pump Station Replacement - Design	Replace pumping station and force main.	Necessary infrastructure improvements	440 - C2-440 - Sewer Enterprise	Pump Station Structure	2017	2020	\$	225,000	
DPW/Sewer/2020/9	Pearl St Area Sewer Mains Construction	Southern extension of Union Ave corridor improvements	Necessary Infrastructure Improvements	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017	2020	\$	2,000,000	
DPW/Sewer/2020/V1	Replace #74 '13 4WD Utility Vehicle	Replace 2013 4WD Utility Vehicle	Vehicle will have reached the end of its reliable service life, and is scheduled for 7 year replacement in 2020	440 - C2-440 - Sewer Enterprise	Sewer Rolling Equipment	2017	2020	\$	27,500	

Number *	Title *	Description	Justification	Department *	Project Type	Year Identified	Estimated Start FY	2021
General Fund: All Municipal Departments except Water and Sewer								
DPW/Highway/2 021/1	Annual Various Road Improvements - 2021	Ongoing roadway, curb, sidewalk and related infrastructure improvements to retain overall State of Good Repair.	Without substantial ongoing improvements, the roadway system will deteriorate rapidly, and cost more to raise back up to a State of Good Repair.	422 - C4-422 - Highway	Roadway Infrastructure	2016	2021	\$ 7,500,000
DPW/Highway/2 021/10	Union Avenue Contract 2 Construction	This project is for the capital repair and upgrading of the Town's drainage systems serving Union Avenue, which discharges runoff to the Sudbury River.	Improvements reduce the risk of flooding, extend roadway life, and reduce detrimental effects to downstream water resources, with the latter improving water quality that assists in the Town's compliance with the EPA's Municipal Separate Storm Sewer System (MS4) permit requirements.	422 - 41-422 - Highway	Roadway Infrastructure	2018	2021	\$ 3,700,000
DPW/Highway/2 021/11	Upgrade Waverly Street Drain	Replace approximately 1500 LF of 12-inch and 18-inch pipe with 24-inch	Necessary infrastructure improvements	411 - C4-411 - Engineering	Stormwater Improvement	2017	2021	\$ 402,500
DPW/Highway/2 021/2	Annual Drainage System & Water Quality Projects - 2021	Annual Appropriation for DPW capital repairs to the stormwater conveyance system. Improvements include removal of debris and sedimentation restoration of channel bottoms. Includes repairs to side walls, banks and channel formed channel bases. Improvements will restore system capacity and mitigate flooding.	Necessary infrastructure improvements	411 - C4-411 - Engineering	Stormwater Improvement	2017	2021	\$ 250,000
DPW/Highway/2 021/3	Annual Traffic Calming - 2021	Annual Appropriation for Traffic Calming Improvements.	Necessary infrastructure improvements.	422 - C4-422 - Highway	Roadway Infrastructure	2017	2021	\$ 150,000
DPW/Highway/2 021/4	Arlington St Area Drains & Roads Ph 1 Construction, Ph 1B Design	This funding request is for the first phase of construction, and design of a second phase	Most infrastructure in this neighborhood is in a state of disrepair or inadequacy, including many water mains that are over 100 years old and have fire flow concerns, frequent flooding due to very little drainage infrastructure, with many roads and sidewalks in very poor condition, and without disability accessibility. This project proposes to address these needs in an affordable multiphase implementation that will also reduce disruption to residents, businesses and through-traffic. In addition to addressing the condition of infrastructure, the repairs, replacements and improvements will enhance this residential and small businesses neighborhood immediately south of Downtown.	411 - C4-411 - Engineering	Roadway Infrastructure	2018	2021	\$ 2,000,000
DPW/Highway/2 021/4a	Annual MS4 Permit Implementation - 2021	This project will provide funds to comply with new National Pollutant Discharge Elimination System (NPDES) Phase II Municipal Separate Storm Sewer System (MS4) permit requirements. Specifically, this project will update GIS mapping of the separate storm sewer system in accordance with the new system mapping requirements for the Illicit Discharge Detection and Elimination program, including delineation of the watersheds served by each outfall. Additionally, this project will prepare studies and plans as required by the permit for Minimum Control Measure 6 - Good Housekeeping and Pollution Prevention for Permittee-Owned Operations and Non-Numeric Effluent Requirements for discharges to certain impaired waters.	The Environmental Protection Agency (EPA) issued a new NPDES Phase II MS4 General Permit which becomes effective July 1, 2017. The Town of Framingham is required to operate its storm sewer system under the MS4 General Permit. The new permit has increased unfunded mandates for compliance including, but not limited to: • All Town properties will be included in the permit, including but not limited to schools, parks, conservation areas, and Town facilities whereas previously permit compliance focused on the roadway drainage system; • Additional storm sewer system inspections and maintenance will be required annually; • Increased inspection and sampling for water quality and potential illicit discharges will be required; • Significant increases required for administration, mapping and reporting. • Increased stormwater management is required for new and re-development, which is more stringent than the current MassDEP Stormwater Standards and Town bylaws; and • Additional operations and capital investments will be required for drainage areas to impaired waterbodies which include: Lake Waushakum, Farm Pond, and Framingham Reservoir #2.	422 - C4-422 - Highway	Stormwater Improvement	2017	2021	\$ 130,000
DPW/Highway/2 021/5	Central/Edgell Intersection Construction	This project includes the design of improvements for the Edgell Road/Central Street intersection. Design includes preparation of plans, research regarding right-of-way, traffic simulation modeling to determine the optimal roadway layout and need for traffic signalization. Improvements include roadway layout, curbing, pavement markings, traffic signaling, signage, crosswalks, sidewalks, drainage improvements, and ADA ramps as appropriate.	As noted for the project "Intersection Improvements at Water/Edmands/Edgell", the Town is currently evaluating a complete street assessment of Edgell Road from Vernon Street to the intersection with Edmands Road and Water Street. As part of this study key intersections such as Central Street are being investigated and evaluated. The Central Street intersection is of special interest given the high volume of traffic into a densely populated section of Town. Because improvements at intersections such as Central Street are more complex than general roadway improvements, a longer lead time is required to design and construct improvements in these locations.	411 - C4-411 - Engineering	Roadway Infrastructure	2017	2021	\$ 1,000,000
DPW/Highway/2 021/6	Edgell Road TIP - Design	Roadway restoration after upgrades to water and sewer systems within Edgell Road	Necessary infrastructure improvements	422 - C4-422 - Highway	Roadway Infrastructure	2017	2021	\$ 435,000
DPW/Highway/2 021/7	Landham Pond Dam Removal Construction	This project will provide funds for the design and construction of the restoration of a section of Hop Brook west of the Hemenway Road and the CSX rail line. The project was originally identified through the Phase 3 Stormwater Master Plan and will include the removal of the Landham Pond Dam and related improvements in Hop Brook to support the removal of the dam. The proposed improvements include the removal of the dam, removal/adjustments to existing sediments and fill materials, and habitat restoration. The project is largely located within Town-owned areas, but access easement(s) may be required. Design activities will include survey and hydraulic modeling to assure that the improvements provide benefits.	The Landham Pond Dam is the only Town-owned dam, built as a private dam more than 70 years ago and donated as part of a land grant to the Town in 1973. It was identified through the Phase III Stormwater Master Plan, is believed to contribute to upstream hydraulic issues on the Hop Brook. Hydraulic modeling from the Stormwater Master Plan shows that removal of the dam will reduce the frequency and severity of flooding in upstream areas such as Hemenway Road, Sloane Drive, and Gregory Road. Restoration of the original stream will improve the habitat for native aquatic species. The design will be used to seek funding for grants for construction, which if successful, will reduce the construction costs.	422 - C4-422 - Highway	Stormwater Improvement	2017	2021	\$ 360,000
DPW/Highway/2 021/8	Townwide Headwall Rehabilitation	Repair headwalls (various locations) including Main Street Headwall at outfall #2012284.	Impacts to Town Infrastructure	411 - C4-411 - Engineering	Stormwater Improvement	2017	2021	\$ 150,000
DPW/Highway/2 021/9	Union Ave "Nonparticipating" Roadway Improvements Construction	This project will provide funds for the construction of improvements along Union Avenue from Proctor Street to Main Street that will not be funded by the state TIP.	The upgrades and improvements will be included with the restoration of the roadway as a result of the water and sewer improvements that were funded in FY2015. Such upgrades and improvements will be less costly when bundled with the restoration construction, and will improve the accessibility and aesthetics of Union Avenue, one of the major arterial north-south roads in the Town.	411 - C4-411 - Engineering	Roadway Infrastructure	2017	2021	\$ 3,000,000
DPW/Highway/2 021/Equ1	Replace #420A '06 6 CY Material Spreader	Replace 2006 Tarco 6 CY Material Spreader #420A	Vehicle is 15 years old and beyond its useful life.	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2021	\$ 47,356
DPW/Highway/2 021/Equ2	Replace #428A '06 6CY Material Spreader	Replace 2006 Tarco 6CY Material Spreader	The Vehicle is 15 years old and beyond its useful life	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2021	\$ 47,356
DPW/Highway/2 021/Equ3	Replace #446 '16 4-Wheel Sweeper	Replace 2016 Freightliner 4 Wheel Sweeper	Vehicle will have reached the end of its reliable service life, and is scheduled for 5 year replacement in 2021	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2021	\$ 267,946
DPW/Highway/2 021/Equ4	Replace #467 '06 Sidewalk Tractor	Replace 2006 Holder Sidewalk Tractor	Vehicle will have reached the end of its reliable service life, and is scheduled for 15 year replacement in 2021	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2021	\$ 197,301
DPW/Highway/2 021/Equ5	Replace #481 '11 Brush Chipper	Replace 2011 Vermeer Brush Chipper	Equipment will have reached the end of its reliable service life, and is scheduled for 10 year replacement in 2021	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2021	\$ 124,099
DPW/Highway/2 021/Equ6	Replace #486 '04 Static Asphalt Roller (6710)	This 1994 J/R unit is essential equipment used by pavement management and storm water crews on roadway, sidewalk, and driveway aprons repairs, and trench compacting.	This equipment has reached the end of its reliable service life, and is a concern for major mechanical repair/replace and/or others.	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2021	\$ 46,800
DPW/Highway/2 021/V1	Replace #420 '06 40kGVW Dump Truck	Replace 2006 Mack 40,000 GVW Cab and Chassis with Dump Body and Plow	Vehicle will have reached the end of its reliable service life, and is scheduled for 15 year replacement in 2021	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2021	\$ 210,305
DPW/Highway/2 021/V2	Replace #429 '01 65kGVW Dump Truck	Replace 2001 Volvo 65,000 GVW Cab and Chassis with Dump Body and Snow Plow	Vehicle will have reached the end of its reliable service life, and is scheduled for 20 year replacement in 2021	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2021	\$ 225,000
DPW/Highway/2 021/V3	Replace #430 '01 35kGVW Dump Truck	Replace 2001 Sterling 35,000 GVW Cab and Chassis with Dump Body and Snow Plow	Vehicle will have reached the end of its reliable service life, and is scheduled for 20 year replacement in 2021	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2021	\$ 210,305
DPW/Sanitation/ 2021/V1	Replace #533 '07 Refuse Rear Load Packer	Replace 2007 Mack 72,000 GVW Refuse Rear Load Packer, with Plow	Vehicle will have reached the end of its reliable service life, and is scheduled for 8 year replacement in 2015	433 - C7-433 - Sanitation	Public Works Rolling Equipment	2017	2021	\$ 364,000
DPW/Water/202 1/V2	Replace #644 '01 35kGVW Dump Truck	Replace 2001 Freightliner 35,000 GVW Cab and Chassis with Dump Body and Snow Plow	Vehicle will have reached the end of its reliable service life, and is scheduled for 10 year replacement in 2021	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2021	\$ 183,499
	Ford Explorer 4x4 4-Door Utility Vehicle	Ford Explorer 4x4 4-Door Utility	This is the Loring arena vehicle used for day-to-day operations. This vehicle replaces a 2004 4x4 4-Door Ford Explorer with 58,947 miles.	Parks	Parks Rolling Equipment	2021		\$ 37,176
	F750 J-Hook 26,000 GVW	Ford F750 J-Hook	This vehicle is an all-purpose vehicle used to transport park and maintenance workers, equipment, material and trailers to various job sites. In addition, this vehicle has multiple attachments that are able to be changed and transported as different projects arise. These attachments include: leaf vac, dump body, material container and water tank. This vehicle replaces a 2005 Ford F750 J-Hook with 28,076 miles.	Parks	Parks Rolling Equipment	2021		\$ 182,883

F450 Crew Cab Dump Truck	F450 Crew Cab Dump Truck	All purpose vehicle used to transport park and maintenance workers, equipment, material and trailers to various job sites. This vehicle replaces a 2006 F450 4x4 crew cab dump truck with 60,833 miles	Parks	Parks Rolling Equipment	2021	\$	77,758
John Deere Tractor Model 5425	John Deere Tractor model 5425	This vehicle is essential to day to day operations in all seasons. The tractor is used for material handling, turf maintenance attachments and snow removal. This vehicle is replacing a 1999 John Deere Tractor with 6,545 hours of operations.	Parks	Parks Rolling Equipment	2021	\$	52,542
(Open Space Acquisition) Expansion of Cushing Memorial Park	Acquisition of land adjacent to Cushing Memorial Park.	The Parks Department recently completed an update to the Cushing Memorial Park Master Plan. This update was conducted utilizing formal and informal input from the residents of Framingham as a means to determine how the community viewed this parcel of land and what future improvements to the site should be considered. The Cushing Master Plan Update identifies several priorities. Priority Number Two - Land Acquisition for Park Expansion calls for the acquisition of a large tract of privately owned land contiguous to the northern border of Cushing Memorial Park. This property is the last remaining large parcel of privately owned and undeveloped land in the area. The location of this parcel, adjacent to the park, creates a unique opportunity for the Town to potentially expand the current park, preserve additional open space and introduce new amenities to further enhance public enjoyment of the property. This privately owned parcel has been permitted for further development by the abutting Emeritus Facility, with approved plans already on file with the Planning Board. Completion of the approved plans by Emeritus includes the potential for several multi-story buildings to be built at the site, many adjacent to the Cushing Chapel. These new buildings will create a significantly degraded park experience compared to what patrons currently encounter within the park. Illustrations depicting this build out are excerpted from the Cushing Master Plan Update and included with the backup documentation for this project.	Parks	Park Land	2021	\$	2,500,000
Maintenance & Operations Facility Expansion	Maintenance & Operations Facility Expansion	This project would undertake the expansion of the current Maintenance & Operations Facility on Fountain Street.	Parks	City Building Structure	2021	\$	500,000
Beach Landscape & Design Improvements Phase I	Aesthetic improvements including new walkways, plantings, benches, picnic areas.	The Town Beaches are antiquated in appearance. Beautification of our Town owned properties creates a sense of pride in the community. These requested improvements are often mentioned by beach patrons. After visiting surrounding Town facilities, it was decided that these improvements are needed.	Parks	Parks Facilities	2021	\$	72,000
Portable Stage	Portable stage for Parks Concerts	This mobile stage will allow for versatility in presenting community events. Currently the Town of Framingham hosts several cultural and musical events annually that would benefit from this piece of equipment. These events include concerts on the common, graduations, Flag Day celebration and a community bonfire. In addition to these events, we receive requests from residents and local corporations to host fund raisers, registrations, cookouts and gatherings at Parks our parks. This equipment would be beneficial to those requests as well. Other municipalities have had success renting this equipment out to help offset the capital investment. This mobile stage is handicap accessible. This funding request includes a 20% contingency to allow for further customization as needed.		Parks Non-Rolling Equipment	2021	\$	166,633
Technology Upgrades Throughout the District FY21	Technology Upgrades Throughout the District	Technology Upgrades Throughout the District \$650,000 per year	School	School Technology Software	2021	\$	500,000
Pre-Feasibility	TBD		School	School Building Structure	2021	\$	100,000
Furnish New and Replace Outdated Furniture - multiple schools	The majority of schools have the same furniture that was purchased during their construction in the sixties. Although there are many pieces of relatively new furniture in the schools, there is no way to refurbish the 255 classrooms that still use outdated furniture. Current teaching methods and modern technology in the elementary and middle school grades require the use of laptop and other devices.	Continuation of furniture upgrades \$ 300,000	School	School Non-Rolling Equipment	2021	\$	300,000
Security Enhancement Throughout the District	Security Enhancement Throughout the District	The School Department has implemented increased security measures throughout the District and is mindful of past national school related security events. Continue to enhance security throughout the District \$25,000.00 per year.	School	School Building Mechanical	2021	\$	25,000
Mechanical, Electrical, Plumbing Upgrades - All Schools - Multiple Systems - FY21	Mechanical, electrical and plumbing upgrades in all schools in order to properly maintain buildings.	To properly maintain school buildings so they are safe, efficient and sound, mechanical, electrical and plumbing upgrades on multiple systems need to be performed. All schools will require upgrades in the near future. Below is a prioritized list of pumps, drives, motors, lighting, burners and appurtenances. FY20-24: Continue with mechanical, electrical and plumbing upgrades \$ 150,000 each year	School	School Building Mechanical	2021	\$	150,000
ADA Upgrades for Compliance	Upgrades to Curbs, Sidewalks, Handicap Ramps/Lifts, Railings, Bathroom Partitions, Hardware, Signage and Removal of all Architectural Barriers and Design for Compliance • Partitions • Hardware • Signage • Bathrooms • Knobs • Door Handles • Design for Compliance	Numerous schools were cited for damaged curbs, sidewalks, curb cuts, handicap ramps and deteriorated pavement in the ADA Town-wide Transition Plan. These funds would be part of a phased repair and upgrade plan to repair or replace the noted deficiencies which includes removal of architectural barriers and replacing or adding ADA compliant signage. Schools most in need of compliant signage and/or door hardware are as follows: FY21 - 24: Continue with ADA upgrades at various schools. \$ 200,000 each year	School	School Building Structure	2021	\$	200,000
Asbestos Abatement - Floor Tile, Ceiling Tile, Pipe Insulation - Thayer Campus	Asbestos Abatement - Floor Tile, Ceiling Tile, Pipe Insulation - Thayer Campus, King, Barbieri	Replace Deteriorated Asbestos Floor Tile in Main Areas and in Corridors -Thayer Campus FY21-27: Future projects may include ACM replacement of floor tile, ceiling tiles, pipe coverings and transom panels. (Note: Dependent upon quantity of ACM to be abated). \$ 450,000 each year	School	School Building Structure	2021	\$	450,000
Paving Replacement/Storm Water All Schools -Brophy/Hemenway FY21	Multiphased project with ongoing work to preserve, repair, and maintain school parking lots, driveways and storm water systems. As in the past, the Town Unit Pricing Contracts will be utilized.	Please note that ADA site upgrades must be completed during the months of July and August when students are not in the schools. Requested amounts reflect the amount of construction work that can be completed in this short time frame. Continue to design storm water upgrades and paving replacement at schools listed below. Funding request includes design costs (\$600,000 per year), storm water upgrades and paving replacement. As in the past, the Town unit pricing contracts will be utilized.	School	Stormwater Improvement	2021	\$	600,000

DPW/Sewer/2021/6	Hemenway Road Sewer Mains Design	The Hemenway Road Sewer Improvements is a project associated with the upgrade of the wastewater collection system. The Hemenway Road Sewer Improvements will provide funds for the design and construction of the replacement of 1,700 linear feet of gravity sewer on Hemenway Road.	The sewer on Hemenway Road is significantly deteriorated condition as a result of sulfide corrosion acting on the asbestos cement pipe and will be replaced.	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017	2021	\$	375,000
DPW/Sewer/2021/7	Lavelle Ln Sewer Pump Station Replacement - Design	Replace pump station and force main.	Necessary infrastructure improvements	440 - C2-440 - Sewer Enterprise	Pump Station Structure	2017	2021	\$	150,000
DPW/Sewer/2021/8	Lomas Dr Sewer Pump Station Replacement - Design	Replace pump station and force main.	Necessary infrastructure improvements	440 - C2-440 - Sewer Enterprise	Pump Station Structure	2017	2021	\$	150,000
DPW/Sewer/2021/9	Saxonville Force Main Abandonment Design & Construct	This project provides funds for the final design and implementation of a construction project to formally abandon the Saxonville wastewater pumping station force mains. The existing pipe lines are over 12,000 feet in length and composed of various materials including CI, DI, and AC. They range in diameter from 12-inch to 24-inch. They are located under rights-of-way and within easements located within Framingham. The routine abandonment process will include accessing the pipe at regular locations along the pipe and filling with a material that will prevent the pipe from collapsing due to corrosion. Other methods of abandonment will include bulk-heading the pipe at locations along the route to prevent the migration of groundwater and soil in the pipe. Easement work and coordination with Natick is required to complete this work. Limited surface restoration will be required along the pipe route.	The existing force mains are no longer required as other improvements in the sewer system have been constructed to replace them. The existing pipes are large diameter and a failure in the pipe would like result a collapse in the road surface (sinkhole), which could result in property damage or injury.	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017	2021	\$	1,650,000
DPW/Sewer/2021/Eq1	Replace #752 '09 Backhoe/Loader and Plow	Replace 2006 John Deere Backhoe/Loader and Plow	Vehicle will have reached the end of its reliable service life and is scheduled for 12 year replacement in 2021	440 - C2-440 - Sewer Enterprise	Sewer Rolling Equipment	2017	2021	\$	123,800
DPW/Water/2021/1	Annual Various Water Improvements - 2021	Funding for the DPW to respond to unanticipated water system failures.	Necessary Infrastructure Improvements	450 - C1-450 - Water Enterprise	Water Piping	2017	2021	\$	200,000
DPW/Water/2021/2	Annual Various Hydrant & Valve Improvements - 2021	For the timely repair of water system infrastructure	Necessary infrastructure improvements	450 - C1-450 - Water Enterprise	Water Piping	2017	2021	\$	200,000
DPW/Water/2021/3	Arlington St Area Water Mains Ph 1 Construction, Ph 1B Design	This funding request is for the first phase of construction, and design of a second phase	Most infrastructure in this neighborhood is in a state of disrepair or inadequacy, including many water mains that are over 100 years old and have fire flow concerns, frequent flooding due to very little drainage infrastructure, with many roads and sidewalks in very poor condition, and without disability accessibility. This project proposes to address these needs in an affordable multiphase implementation that will also reduce disruption to residents, businesses and through-traffic.	450 - C1-450 - Water Enterprise	Water Piping	2017	2021	\$	1,000,000
DPW/Water/2021/4	Merriam Hill Water Tank Replacement - Construction	Replace existing 3.5 million gallon water storage tank that is fed by the Pleasant Street Water Pump Station.	Necessary infrastructure improvements.	450 - C1-450 - Water Enterprise	Water Tank/Tower Structure	2017	2021	\$	12,000,000
DPW/Water/2021/5	Worcester Rd Water Mains (East of Concord St) - Ph II Construction	The overall project is to line or replace water and sewer mains between Concord Street and the Natick town line, as well as the cross-country sewer connector that runs north from Worcester Road through Natick, terminating near Cochituate Road. This work is to be designed and constructed in three sections (I - Rt 9 eastbound lanes, including the Pierce and Dinsmore neighborhoods; II - Westbound lanes; III - north-south sewer connector), with this request for the construction of Phase I, and the final design of II and III.	The need for this project are some undersized pipes, pipe age and materials, condition, and the consequences of their failure, with this investment increasing capacity, reliability and fire flow, and reducing maintenance costs. Most of this infrastructure is between 50 and 100 years old, and they serve major portions of Framingham's retail businesses, where emergency repairs and the disruption of service and traffic would be very costly. The cross-country connector traverses wetlands, which make maintenance access and emergency repairs extremely difficult, costly and damaging to the natural resources, especially during wet periods.	450 - C1-450 - Water Enterprise	Water Piping	2017	2021	\$	4,000,000
DPW/Water/2021/V1	Replace #622 '11 11KGVW 4WD Truck	This unit is used daily as a first response service truck. In addition to having the capability and equipment to respond to all emergency water calls, customer issues, and water leak investigations it is used for meter service appointments and system mapping updates. Additionally this vehicle assists crews in excavation, utility investigation, fire hydrant investigation, and flow testing. This truck is also equipped with a plow and is utilized in the winter maintenance program.	This 2011 vehicle will have reached the end of its useful life, and is scheduled for 10 year replacement in 2021. Replacement of this unit will allow for more efficient maintenance and care for the Town's infrastructure.	450 - C1-450 - Water Enterprise	Water Rolling Equipment	2017	2021	\$	62,987
								\$	29,836,787
								\$	60,682,631

Number *	Title *	Description	Justification	Department *	Project Type	Year Identified	Estimated Start FY	2022
General Fund: All Municipal Departments except Water and Sewer								
DPW/Fleet/2022/V1	Replace #304 '02 12,000# Fork Lift	Replace 2002 Cat 12,000# Fork Lift	Vehicle has reached the end of its reliable service life, and is scheduled for 20 year replacement in 2022	429 - C7-429 - Fleet Services	Public Works Rolling Equipment	2017	2022	\$ 75,000
DPW/Highway/2022/1	Annual Various Road Improvements - 2022	Ongoing roadway, curb, sidewalk and related infrastructure improvements to retain overall State of Good Repair.	Without substantial ongoing improvements, the roadway system will deteriorate rapidly, and cost more to raise back up to a State of Good Repair.	422 - C4-422 - Highway	Roadway Infrastructure	2016	2022	\$ 7,500,000
	Stormwater Master Plan - Phase IV	This project will provide funds for the continued study of the Town's stormwater system. Five of the Town's twenty-two sub-basins will be studied as part of this project. This project includes a study of the North and South Saxonville, Cherry Meadow Brook, Birch Meadow Brook and Baling Brook drainage sub-basins. The systems will receive condition assessment of the infrastructure, hydraulic modeling of known flooding areas, and review for water quality improvements, including sediment management and control. The project will then develop specific recommendations for improvements to the system.	This study represents the fourth phase of a Town-wide comprehensive stormwater study, which targets a prioritized list of drainage basins that require stormwater drainage systems improvements. The five sub-basins in this study represent medium priority areas in Town, based on infrastructure condition, water quality, population density, historical flooding, and vulnerability and hydraulic concerns of a failure of the major system conveyance infrastructure. Previously studied sub-basins included Beaver Dam Brook and Farm Pond sub-basins (Phase I) and Angelica Brook, Lokerville, Jacobs Brook, Cochituate, and Sucker Brook sub-basins (Phase II) and Hop Brook, 9/90 (West of Foss Reservoir), Old Town Center, and Dunsdell Brook (Phase III).	411 - C4-411 - Engineering	Stormwater Improvement	2017	2022	\$ 390,000
DPW/Highway/2022/10	Web-based Asset ID and Inspection System	Design and implement web-based system to identify drainage assets during cleaning operations and then document status and condition	Impacts to Town Infrastructure	411 - C4-411 - Engineering	Roadway Infrastructure	2017	2022	\$ 115,000
DPW/Highway/2022/5	Annual Drainage System & Water Quality Projects - 2022	Annual Appropriation for DPW capital repairs to the stormwater conveyance system. Improvements include removal of debris and sedimentation restoration of channel bottoms. Includes repairs to side walls, banks and channel formed channel bases. Improvements will restore system capacity and mitigate flooding.	Necessary infrastructure improvements	411 - C4-411 - Engineering	Stormwater Improvement	2017	2022	\$ 250,000
DPW/Highway/2022/3	Annual Traffic Calming - 2022	Annual Appropriation for Traffic Calming Improvements.	Necessary infrastructure improvements.	422 - C4-422 - Highway	Roadway Infrastructure	2017	2022	\$ 150,000
	Annual MS4 Permit Implementation - 2022	This project will provide funds to comply with new National Pollutant Discharge Elimination System (NPDES) Phase II Municipal Separate Storm Sewer System (MS4) permit requirements. Specifically, this project will update GIS mapping of the separate storm sewer system in accordance with the new system mapping requirements for the Illicit Discharge Detection and Elimination program, including delineation of the watersheds served by each outfall. Additionally, this project will prepare studies and plans as required by the permit for Minimum Control Measure 6 - Good Housekeeping and Pollution Prevention for Permittees-Owned Operations and Non-Numeric Effluent Requirements for discharges to certain impaired waters.	The Environmental Protection Agency (EPA) issued a new NPDES Phase II MS4 General Permit which becomes effective July 1, 2017. The Town of Framingham is required to operate its storm sewer system under the MS4 General Permit. The new permit has increased unfunded mandates for compliance including, but not limited to: <ul style="list-style-type: none"> All Town properties will be included in the permit, including but not limited to schools, parks, conservation areas, and Town facilities whereas previously permit compliance focused on the roadway drainage system; Additional storm sewer system inspections and maintenance will be required annually; Increased inspection and sampling for water quality and potential illicit discharges will be required; Significant increases required for administration, mapping and reporting. Increased stormwater management is required for new and re-development, which is more stringent than the current MassDEP Stormwater Standards and Town bylaws; and Additional operations and capital investments will be required for drainage areas to impaired waterbodies which include: Lake Waushakum, Farm Pond, and Framingham Reservoir #2. 	422 - C4-422 - Highway	Stormwater Improvement	2017	2022	\$ 130,000
DPW/Highway/2022/4	Butterworth Park Area Roadways - Design	This project will provide funds for design of roadway improvements to the Butterworth Park area. When constructed the project will provide roadway pavement rehabilitation (milling and/or reclamation) with the objective of reducing excess pavement width where possible; new and reset granite curbing, replacement of existing sidewalks and construction of new sidewalks and driveway aprons; and replacement or repair of existing drainage structures and piping as required. ADA-compliant sidewalks and wheelchair ramps will be constructed. In addition, streetscape and lighting improvements will be incorporated at the same time which would result in savings, as opposed to implementation at separate times.	This work will direct roadway investments so that they are coordinated with future land uses and redevelopment opportunities to improve the Butterworth Park area. To restore and enhance the safety and function of this area, we need to utilize the full right-of-way in a "complete streets" approach, balancing the needs for all users and modes. The improvements will serve as the foundation of a more cohesive and economically successful neighborhood. This community-based plan will address roadway, sidewalk, intersection, lighting, drainage, signing, crosswalk and landscape improvements for approximately six miles of town streets from Howard Street to Hartford Street, and from Concord Street (excluding Concord Street) to the Natick Town line.	411 - C4-411 - Engineering	Roadway Infrastructure	2017	2022	\$ 1,000,000
DPW/Highway/2022/5	Farm Pond Drain Line Replacement	Replace high risk drain components (pipes & structures).	Impacts to Town Infrastructure	411 - C4-411 - Engineering	Stormwater Improvement	2017	2022	\$ 336,950
DPW/Highway/2022/7	Potter Rd Bridge Repairs	This project will provide the funds for repairs to Potter Road Bridge. Repairs include sealing cracks on the underside of the slab, eliminating the deck joint over the pier, cleaning and painting the steel bearings and sealing the ends of the concrete beams, installing a new membrane waterproofing, and repaving the bridge.	These repairs are a component of necessary infrastructure improvements, identified in the 2013 Bridge Report.	411 - C4-411 - Engineering	Roadway Infrastructure	2017	2022	\$ 600,000
DPW/Highway/2022/8	Salem End/Badger/Gates Intersection Design	This project is the final design and construction of an improved intersection at Salem End Road, Badger Road, and Gates Street. The improved intersection will include a roundabout to serve Salem End Road and Badger Road, and a new intersection to serve Salem End Road and Gates Street.	The existing intersection has a history of accidents. Roundabouts have been constructed for similar intersections in other communities such as Norfolk, Duxbury, and Somerville, and have led to traffic calming and reductions in vehicular accidents. This design was selected as being the safest and most efficient after a review of three alternatives, the others being a) a four-way signalized intersection and b) two intersections, one of which would be signalized.	411 - C4-411 - Engineering	Roadway Infrastructure	2017	2022	\$ 1,200,000
DPW/Highway/2022/9	School St Bridge Replacement Construction	Replace bridge over Cochituate Brook.	Necessary infrastructure improvements.	411 - C4-411 - Engineering	Roadway Infrastructure	2017	2022	\$ 2,760,000
DPW/Highway/2022/eq1	Replace #457 '16 3-Wheel Sweeper	Replace 2017 Elgin 3-Wheel Sweeper	Vehicle will have reached the end of its reliable service life, and is scheduled for 5 year replacement in 2022	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2022	\$ 221,636
DPW/Highway/2022/eq2	Replace #499 '72 4-Wheel Snowblower	Replacement of 1972 Sicard 4 Wheel Snowblower	Vehicle has reached its useful life and is due for replacement	423 - C7-423 - Snow & Ice	Public Works Rolling Equipment	2017	2022	\$ 432,848
DPW/Highway/2022/V1	Replace #411 '12 11kGVW 4WD Truck	Replace 2012 11,000 GVW 4WD Cab and Chassis with Utility Body & Plow	Vehicle will have reached end of its reliable service life, and is scheduled for 10 year replacement in 2022	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2022	\$ 67,639
DPW/Highway/2022/V2	Replace #403 '12 11kGVW 4WD Truck	Replace 2012 11,000 GVW 4WD Cab and Chassis with Utility Body & Plow	Vehicle will have reached end of its reliable service life, and is scheduled for 10 year replacement in 2022	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2022	\$ 55,366
DPW/Highway/2022/V3	Replace #404 '12 11kGVW 4WD Truck	Replace 2012 11,000 GVW 4WD Cab and Chassis with Utility Body & Plow	Vehicle will have reached end of its reliable service life, and is scheduled for 10 year replacement in 2022	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2022	\$ 55,366
DPW/Highway/2022/V4	Replace #405 '12 11kGVW 4WD Truck	Replace 2012 11,000 GVW 4WD Cab and Chassis with Utility Body & Plow	Vehicle will have reached end of its reliable service life, and is scheduled for 10 year replacement in 2022	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2022	\$ 55,366
DPW/Highway/2022/V5	Replace #410 '12 15kGVW 4WD Dump Truck	Replace 2012 15,000 GVW 4Wheel Drive Cab and Chassis With Dump and Plow	Vehicle will have reached the end of its reliable service life, and is scheduled for 10 year replacement in 2022	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2022	\$ 81,162
DPW/Highway/2022/V6	Replace #415 '12 15kGVW 4WD Dump Truck	Replace 2012 15,000 GVW 4Wheel Drive Cab and Chassis With Dump and Plow	Vehicle will have reached the end of its reliable service life, and is scheduled for 10 year replacement in 2022	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2022	\$ 81,162
DPW/Highway/2022/V7	Replace #416 '12 15kGVW 4WD Dump Truck	Replace 2012 15,000 GVW 4Wheel Drive Cab and Chassis With Dump and Plow	Vehicle will have reached the end of its reliable service life, and is scheduled for 10 year replacement in 2022	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2022	\$ 81,162
DPW/Sanitation/2022/eq1	Replace #522 '02 Fork Lift Truck	Replace 2002 Komatsu Forklift Truck	Vehicle has reached the end of its reliable service life, and is scheduled for 20 year replacement in 2022	433 - C7-433 - Sanitation	Public Works Rolling Equipment	2017	2022	\$ 75,000
DPW/Sanitation/2022/V1	Replace #501 '12 8.8kGVW 4WD Pick-Up Truck	Replace 2012 8,800 GVW 4WD Pick-up Truck w/ Plow	Vehicle will have reached end of its reliable service life, and is scheduled for 10 year replacement in 2022	433 - C7-433 - Sanitation	Public Works Rolling Equipment	2017	2022	\$ 57,596
DPW/Sanitation/2022/V2	Replace #502 '12 8.8kGVW 4WD Pick-Up Truck	Replace 2012 8,800 GVW 4WD Pick-up Truck w/ Plow	Vehicle will have reached end of its reliable service life, and is scheduled for 10 year replacement in 2022	433 - C7-433 - Sanitation	Public Works Rolling Equipment	2017	2022	\$ 57,596
DPW/Street Lighting/2022/V1	Replace #20 '12 10kGVW 4WD Truck	2012 10,000GVW 4WD C&C With Utility Body & Plow	Vehicle will have reached the end of its reliable service life, and is scheduled for 10 year replacement in 2022	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2022	\$ 60,734

F550 4x4 Trash Compactor	F550 4x4 Trash Compactor	This vehicle is used to remove trash from Parks and Recreation properties and from events throughout the year. This vehicle is also used to remove trash from other Town owned properties and events. This vehicle replaces a 2007 F550 Trash Packer with 91,897 miles.	Parks	Parks Rolling Equipment	\$ 105,044
F350 4x4 Stake Body Dump	F350 4x4 Stake Body Dump Regular Cab	This vehicle is used to transport personnel, materials, trailers and other pieces of equipment to various sites throughout town. This vehicle is equipped with a plow and is used to maintain Park division facilities throughout the town during the winter. This vehicle replaces a 2009 F350 4x4 Stake Body Regular Cab with 31,427 miles.	Parks	Parks Rolling Equipment	\$ 68,796
Kubota Tractor L4740 GST 4x4	Kubota Tractor L4740 GST 4x4	This vehicle is essential to day to day operations in all seasons. The tractor is used for material handling, turf maintenance attachments and snow removal. This vehicle replaces a 2006 Kubota Tractor with 1,724 operation hours.	Parks	Parks Rolling Equipment	\$ 40,656
Synthetic Field and Lighting Renovations	Install Synthetic Field Turf and add lighting at site identified in feasibility study. This project contains a 15% construction contingency, 15% engineering contingency and 10% overhead and profit figure.	The Parks Department will be undertaking a Field Turf Feasibility Study that will analyze all existing facilities under the care of the Parks Department in an effort to identify the most beneficial location for this type of facility.	Parks	Parks Facilities	\$ 2,500,000
Longs/Loring Parking Reconstruction	Grind, grade, pave and restripe the parking areas shared by the Longs Athletic Complex and Loring Arena.	Parking surface conditions at the Longs Athletic Complex and Loring Arena are in disrepair. Current conditions include pot holes, puddling and pooling of water and worn parking lines. These conditions continue to deteriorate each season due to the freeze thaw cycle associated with New England weather. Current line striping is faded does not clearly delineate no parking zones.	Parks	Parks Facilities	\$ 200,000
Cushing Phase VI Feasibility Study	Cushing Phase 6 Feasibility Study.	A comprehensive Master Plan was completed in 2001 with significant cooperation and participation of Town Residents. Cushing has become the central park in Framingham and is used by hundreds of residents daily for passive recreation. We propose a feasibility study that will identify the requirements to install a pond, currently proposed for the southern area of the park near the Winter Street parking lot.	Parks	Parks Facilities	\$ 6,000,000
Technology Upgrades Throughout District FY23	Technology Upgrades Throughout District	Technology Upgrades Throughout District	School	School Technology Software	\$ 500,000
Furnish New and Replace Outdated Furniture multiple schools	The majority of schools have the same furniture that was purchased during their construction in the sixties. Although there are many pieces of relatively new furniture in the schools, there is no way to refurbish the 255 classrooms that still use outdated furniture. Current teaching methods and modern technology in the elementary and middle school grades require the use of laptop and other devices. \$300,000	Continuation of furniture upgrades \$ 300,000	School	School Non-Rolling Equipment	\$ 300,000
Security Enhancement Throughout the District	Security Enhancement Throughout the District	The School Department has implemented increased security measures throughout the District and is mindful of past national school related security events. Continue to enhance security throughout the District \$25,000.00 per year. To properly maintain school buildings so they are safe, efficient and sound, mechanical, electrical and plumbing upgrades on multiple systems need to be performed. All schools will require upgrades in the near future. Below is a prioritized list of pumps, drives, motors, lighting, burners and appurtenances.	School	School Building Mechanical	\$ 25,000
Mechanical, Electrical, Plumbing Upgrades - All Schools - Multiple Systems - FY22	Mechanical, electrical and plumbing upgrades in all schools in order to properly maintain buildings.	Continue with mechanical, electrical and plumbing upgrades \$ 150,000 each year * Please note that the majority of the mechanical, electrical and plumbing upgrades listed must be completed during the months of July and August when students are not in the schools. Requested amounts reflect the amount of construction and installation work that can be completed in this short time frame.	School	School Building Mechanical	\$ 150,000
ADA Upgrades for Compliance	Upgrades to Curbs, Sidewalks, Handicap Ramps/Lifts, Railings, Bathroom Partitions, Hardware, Signage and Removal of all Architectural Barriers and Design for Compliance <ul style="list-style-type: none"> Partitions Hardware Signage Bathrooms Knobs Door Handles Design for Compliance 	Numerous schools were cited for damaged curbs, sidewalks, curb cuts, handicap ramps and deteriorated pavement in the ADA Town-wide Transition Plan. These funds would be part of a phased repair and upgrade plan to repair or replace the noted deficiencies which includes removal of architectural barriers and replacing or adding ADA compliant signage. Please School note that ADA site upgrades must be completed during the months of July and August when students are not in the schools. Requested amounts reflect the amount of construction work that can be completed in this short time frame.	School	School Building Structure	\$ 200,000
Asbestos Abatement Floor Tile, Ceiling Tile, Pipe Insulation - Multiple Schools	Asbestos Abatement Floor Tile, Ceiling Tile, Pipe Insulation - Multiple Schools FY22	Replace Deteriorated Asbestos Floor Tile in Main Areas and in Corridors – Multiple Schools FY22-26: Future projects may include ACM replacement of floor tile, ceiling tiles, pipe coverings and transom panels. (Note: Dependent upon quantity of ACM to be abated). \$ 450,000 each year Please note that the majority of ACM removal and replacement listed must be completed during the months of July and August when students are not in the schools. Requested amounts reflect the amount of construction and installation work that can be completed in this short time frame.	School	School Building Structure	\$ 450,000
Paving Replacement/Storm Water All Schools - HemenwayFY22	Multiphased project with ongoing work to preserve, repair, and maintain school parking lots, driveways and storm water systems. As in the past, the Town Unit Pricing Contracts will be utilized.	Continue to design storm water upgrades and paving replacement at schools listed below. Funding request includes design costs (\$600,000 per year), storm water upgrades and paving replacement. As in the past, the Town unit pricing contracts will be utilized. <ul style="list-style-type: none"> Barbieri Elementary School Cameron Middle School Thayer Building McCarthy Elementary School 	School	Stormwater Improvement	\$ 600,000

		FY23: Barbieri \$156,000						
		FY24: Woodrow Wilson \$677,000						
		FY25: Cameron \$635,000						
Heating Ventilation Air Conditioning (HVAC) - Replace Rooftop Air Handling Units (AHU's) and Ventil	Continue upgrading Heating Ventilation Air Conditioning (HVAC) equipment at Juniper Hill/McCarthy	FY26: Stapleton \$630,000				School	School Building Mechanical	\$ 226,000
		Please note that this HVAC work must be completed during the months of July and August when students are not in the schools. Requested amounts reflect the amount of construction and installation work that can be completed in this short time frame						
Fire Alarm Upgrade - Potter Road and Cameron	Scheduled fire alarm upgrades at the Potter Road & Cameron					School	School Building Mechanical	\$ 310,000
Lighting Upgrades - Potter	Lighting Upgrades - Potter Road	Lighting upgrades to provide energy savings and maintain building				School	School Building Mechanical	\$ 65,000
		Please Note: Many of these projects may be eligible for NSTAR rebates and result in energy cost savings.						
		FY24: Potter Rd. \$215,000						
Electrical Service Upgrade - Dunning	Electrical Service Upgrade - Dunning	FY25: Walsh \$725,000				School	School Building Mechanical	\$ 180,000
		FY26: Stapleton \$135,000						
		Roof Replacements on a 20 year schedule						
		FY24: Cameron \$2,127,600				School	School Building Structure	\$ 1,055,600
		FY25: Juniper Hill \$1,299,144						
Continue Fiber Rollout	Continue City-owned fiber installation from Pleasant Street	This will strengthen our ability to remove our dependency on RCN to provide			Technology	Technology Infrastructure		\$ 250,000
Replace Engine 7					Fire Department	Public Safety Rolling Equipment		\$572,000
Replace Rescue Tools					Fire Department	Public Safety Non-Rolling Equipment		\$126,000
Total General Fund								\$ 29,813,679

Enterprise Fund: Water and Sewer Departments									
DPW/Sewer/2022/1	Annual Various Sewer Improvements - 2022	Funding for the DPW to respond to unanticipated sewer system failures.	Necessary infrastructure improvements	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017	2022	\$ 200,000	
DPW/Sewer/2022/10	SSES Report, Area #7	Perform Sewer System Evaluation Study of a 7th area of the City	Necessary infrastructure improvements.	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017	2022	\$ 500,000	
DPW/Sewer/2022/2	Annual Sewer Pump Stations Eqt Replacements - 2022	This appropriation will provide for the replacement and upgrades of equipment at older wastewater pumping stations. The project includes the planned replacement of pumps, motors, controls and others, as well as emergency replacements.	The lifespan and reliability of these stations can be extended a decade or more through the replacement of component parts as they become worn and inefficient, thereby reducing the near-term need for significant capital funds. For example, underground controls and Supervisory Control and Data Acquisition (SCADA) systems may be considered to be raised above ground for reduction of corrosion and for safety purposes.	440 - C2-440 - Sewer Enterprise	Pump Station Mechanical	2017	2022	\$ 400,000	
DPW/Sewer/2022/3	Decommission Watson Pl and Speen St Pump Stations - Construction	This appropriation will provide funds for the preliminary assessment of the facilities and provide for an engineering analysis of the facility characteristics and costs for final disposition. The facilities still contain equipment and likely contain materials that require assessment and abatement prior to final decommissioning. An analysis of the facilities, contents, equipment, and review of potential re-use by the Town or others will be conducted. A review of existing stored equipment will be conducted and a plan for the placement at other Town facilities will be completed. Further funding may be required depending upon the conceptual analysis completed during this phase.	The two facilities have been removed from service through the construction of newer facilities. They contain and equipment and materials that should be removed prior to final disposition of the properties and facilities.	440 - C2-440 - Sewer Enterprise	Pump Station Structure	2017	2022	\$ 675,000	
DPW/Sewer/2022/4	Edgell Rd Sewers - Design	This project includes the design of sewer improvements on Edgell Road from Central Street to the Edmonds/Water Intersection in advance of roadway improvements. The project includes rehabilitation or replacement of 8,200 feet of 8-inch asbestos cement pipe gravity main, and 1,200 feet of force main (the rest of which is being improved as part of the Woodland Force Main project). The project will also evaluate replacement of 5,500 feet of vitrified clay drain line, which is likely to be damaged during construction. The project will provide a survey, borings, and geotechnical analyses sufficient for roadway improvements. The project will also include all permitting and access requirements.	The 8 inch asbestos cement sewer pipe is close to 60 years old, and is in deteriorated shape. In addition, the 2003 MWRA settlement agreement calls for reduction in force mains to limit noxious sulfide production. The project will consider combining the southern section of gravity main with the Woodland Force Main, which would reduce the length of the force main by up to 1,400 feet, more than half the length of the force main. Combining this project with the Water project will result in reduced construction costs and prepare for future roadway improvements.	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017	2022	\$ 625,000	
DPW/Sewer/2022/5	Hemenway Rd Sewers Construction	The Hemenway Road Sewer Improvements is a project associated with the upgrade of the wastewater collection system. The Hemenway Road Sewer Improvements will provide funds for the design and construction of the replacement of 1,700 linear feet of gravity sewer on Hemenway Road.	The sewer on Hemenway Road is significantly deteriorated condition as a result of sulfide corrosion acting on the asbestos cement pipe and will be replaced.	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017	2022	\$ 2,000,000	
DPW/Sewer/2022/6	Lavelle Ln Sewer Pump Stn Replacement - Construction	Replace pump station and force main.	Necessary infrastructure improvements	440 - C2-440 - Sewer Enterprise	Pump Station Structure	2017	2022	\$ 600,000	
DPW/Sewer/2022/7	Lomas Dr Sewer Pump Station Replacement - Construction	Replace pump station and force main.	Necessary infrastructure improvements	440 - C2-440 - Sewer Enterprise	Pump Station Structure	2017	2022	\$ 600,000	
DPW/Sewer/2022/8	Pleasant St Area Sewers & Pump Stations - Construction	Replace Flanagan and McQuinn pump stations with deep gravity sewers, upgrade the Pleasant St station, and line or replace sewers to 190 bridge.	Necessary infrastructure improvements.	440 - C2-440 - Sewer Enterprise	Pump Station Structure	2017	2022	\$ 5,000,000	
DPW/Sewer/2022/9	Sewer Defects Repairs Ph 5 - Design and Construction	Address high priority defects from SSE Studies 1-5	Necessary infrastructure improvements.	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017	2022	\$ 1,000,000	
DPW/Sewer/2022/10	Replace #72 '12 7.7KGVW 4WD Pickup Truck	Replace 2012 7,700 GVW 4WD Pickup Truck with Plow	Vehicle will have reached the end of its reliable service life, and is scheduled for 10 year replacement in 2022	440 - C2-440 - Sewer Enterprise	Sewer Rolling Equipment	2017	2022	\$ 55,366	
DPW/Sewer/2022/11	Replace #702 '12 11kGVW 4WD Truck	Replace 2012 11,000 GVW 4WD Cab and Chassis with Utility Body & Plow	Vehicle will have reached end of its reliable service life, and is scheduled for 10 year replacement in 2022	440 - C2-440 - Sewer Enterprise	Sewer Rolling Equipment	2017	2022	\$ 73,686	
DPW/Sewer/2022/12	Replace #721 '12 11kGVW 4WD Truck	Replace 2012 11,000 GVW 4WD Cab and Chassis with Utility Body & Plow	Vehicle will have reached end of its reliable service life, and is scheduled for 10 year replacement in 2022	440 - C2-440 - Sewer Enterprise	Sewer Rolling Equipment	2017	2022	\$ 70,852	
DPW/Sewer/2022/13	Replace #722 '12 11kGVW 4WD Truck	Replace 2012 11,000 GVW 4WD Cab and Chassis with Utility Body & Plow	Vehicle will have reached end of its reliable service life, and is scheduled for 10 year replacement in 2022	440 - C2-440 - Sewer Enterprise	Water Rolling Equipment	2017	2022	\$ 70,852	
DPW/Sewer/2022/14	Replace #727 '12 15kGVW 4WD Truck	Replace 2012 15,000 GVW 4Wheel Drive Cab and Chassis With Gate Turner and Plow	Vehicle will have reached the end of its reliable service life, and is scheduled for 10 year replacement in 2022	440 - C2-440 - Sewer Enterprise	Water Rolling Equipment	2017	2022	\$ 91,834	

DPW/Water/202 2/1	Annual Various Water Improvements - 2022	Funding for the DPW to respond to unanticipated water system failures	Necessary Infrastructure Improvements	450 - C1-450 - Water Enterprise	Water Piping	2017	2022	\$	200,000
DPW/Water/202 2/2	Annual Various Hydrant & Valve Improvements - 2022	Funding for the timely repair of water system infrastructure	Necessary infrastructure improvements	450 - C1-450 - Water Enterprise	Water Piping	2017	2022	\$	200,000
DPW/Water/202 2/3	Edgell Rd Water Pump Stn Rehab/Replace - Construction	Rehabilitate Existing 9.4 MGD pumping station.	Necessary infrastructure improvements.	450 - C1-450 - Water Enterprise	Pump Station Structure	2017	2022	\$	6,400,000
	Edgell Rd Water Main - Design	This project includes the design to rehabilitate the water system on Edgell Road. The work is primarily located on Edgell Road between Central Street and Water Street. The project includes the replacement of approximately 9,300 linear feet of existing 8 inch cast iron pipe from 1917, upgrading to 12 inches based on the recommendations of the Water Master Plan. The project will also include the replacement of hydrants and water services within the right-of-way along the new water main. The project evaluation of a water transmission line and replacement of the vitrified clay drain line. The project will also include a detailed survey, borings, and geotechnical analyses sufficient for future roadway ...	The original Water Master Plan identified the Edgell Road corridor from Water Street to Central Street as one of the "first priority" corridors for water improvements, several other corridors having been upgraded including Water Street, Fay Road, Cove Avenue, Grant Street, Brigham Road, and Prospect Street. The first priority (highest) are water mains with poor or inadequate fire fighting protection capabilities. In addition, at 8 inches or nearly 100 years old, the water main along this corridor is undersized for current demands and has reached the end of its useful life. Design challenges include two aqueduct crossings and one rail crossing. This project is being coordinated with the Edgell Road Sewer Main improvements project, the Edgell Road Water Pumping Station Rehabilitation project, and area roadway upgrade projects.	450 - C1-450 - Water Enterprise	Water Piping	2017	2022	\$	730,000
DPW/Water/202 2/4									
	Pleasant St and Temple St Water Mains - Construction	This funding request is for design of the replacement of 14,000 feet of water mains, including surveyed base mapping.	The water mains along these streets require replacement due to their age, condition, size and materials, and will be less costly if constructed at the same time as the planned sewer repairs and replacements in Pleasant Street. All are more than 7 decades old, some are substandard 6-inch diameter, and some are asbestos cement, with the unlined cast iron water mains having interior tuberculation and corrosion that results in decreased capacity. Replacement will assure adequate flow and substantially increase reliability of the water system in this area.	450 - C1-450 - Water Enterprise	Water Piping	2017	2022	\$	5,000,000
DPW/Water/202 2/5									
DPW/Water/202 2/6	Salem End Rd Water Main Replacement- Design	Install approximately 400 l.f. of new 8-inch w.p.	Necessary Infrastructure Improvements	450 - C1-450 - Water Enterprise	Water Piping	2017	2022	\$	250,000
DPW/Water/202 2/V1	Replace #601 '12 11kGVW 4WD Truck	Replace 2012 11,000 GVW 4WD Cab and Chassis with Utility Body & Plow	Vehicle will have reached end of its reliable service life, and is scheduled for 10 year replacement in 2022	450 - C1-450 - Water Enterprise	Water Rolling Equipment	2017	2022	\$	62,987
DPW/Water/202 2/V2	Replace #608 '12 15kGVW 4WD Truck w/ Gate Turner	Replace 2012 15,000 GVW 4Wheel Drive Cab and Chassis With Gate Turner and Plow	Vehicle will have reached the end of its reliable service life, and is scheduled for 10 year replacement in 2022	450 - C1-450 - Water Enterprise	Water Rolling Equipment	2017	2022	\$	87,123
DPW/Water/202 2/V3	Replace #619 '12 11kGVW 4WD Truck	Replace 2012 11,000 GVW 4WD Cab and Chassis with Utility Body & Plow	Vehicle will have reached end of its reliable service life, and is scheduled for 10 year replacement in 2022	450 - C1-450 - Water Enterprise	Water Rolling Equipment	2017	2022	\$	65,506
DPW/Water/202 2/V4	Replace #624 '12 11kGVW 4WD Truck	Replace 2012 11,000 GVW 4WD Cab and Chassis with Utility Body & Plow	Vehicle will have reached end of its reliable service life, and is scheduled for 10 year replacement in 2022	450 - C1-450 - Water Enterprise	Water Rolling Equipment	2017	2022	\$	65,506
	Replace #635 '96 70kGVW Dump Truck	This 1996 dump truck is used in many of the functions performed by the Water Division, daily for the excavation of water main repairs, water service repairs, valve replacement, and trench pavement restoration, and for hauling material such as gravel, stone, asphalt and processed material required to maintain the water distribution system. The unit has the capability to tow large equipment trailers, generators, air compressors, and pumps to and from job sites. This vehicle is equipped with a plow and is utilized in the winter maintenance program.	This 1996 has reached the end of its useful life. Replacement of this unit will allow for more efficient maintenance and care for the Town's infrastructure.	450 - C1-450 - Water Enterprise	Water Rolling Equipment	2017	2022	\$	206,195
DPW/Water/202 2/V5									
Total Utility Enterprise Fund									\$ 25,229,907

Number *	Title *	Description	Justification	Department *	Project Type	Year Identified	Estimated Start FY	2023
General Fund: All Municipal Departments except Water and Sewer								
DPW/Highway/2 023/1	Annual Various Road Improvements - 2023	Ongoing roadway, curb, sidewalk and related infrastructure improvements to retain overall State of Good Repair.	Without substantial ongoing improvements, the roadway system will deteriorate rapidly, and cost more to raise back up to a State of Good Repair.	422 - C4-422 - Highway	Roadway Infrastructure	2016	2023	\$ 7,500,000
	Stormwater Master Plan - Phase V	This project will provide funds for the continued study of the Town's stormwater system. Five of the Town's twenty-two sub-basins will be studied as part of this project. This project includes a study of the North and South Saxonville, Cherry Meadow Brook, Birch Meadow Brook and Baiting Brook drainage sub-basins. The systems will receive condition assessments of the infrastructure, hydraulic modeling of known flooding areas, and review for water quality improvements, including sediment management and control. The project will then develop specific recommendations for improvements to the system.	This study represents the fifth phase of a Town-wide comprehensive stormwater study, which targets a prioritized list of drainage basins that require stormwater drainage systems improvements. The five sub-basins in this study represent medium priority areas in Town, based on infrastructure condition, water quality, population density, historical flooding, and vulnerability and hydraulic concerns of a failure of the major system conveyance infrastructure. Previously studied sub-basins included Beaver Dam Brook and Farm Pond sub-basins (Phase II) and Angelica Brook, Lokerville, Jacobs Brook, Cochituate, and Sucker Brook sub-basins (Phase II) and Hop Brook, 9/90 (west of Foss Reservoir), Old Town Center, and Dunsell Brook (Phase III).	411 - C4-411 - Engineering	Stormwater Improvement	2017	2023	\$ 350,000
DPW/Highway/2 023/10	Annual Drainage System & Water Quality Projects - 2023	Annual Appropriation for DPW capital repairs to the stormwater conveyance system. Improvements include removal of debris and sedimentation restoration of channel bottoms. Includes repairs to side walls, banks and channel formed channel bases. Improvements will restore system capacity and mitigate flooding.	Necessary infrastructure improvements	411 - C4-411 - Engineering	Stormwater Improvement	2017	2023	\$ 100,000
DPW/Highway/2 023/2	Annual Traffic Calming - 2023	Annual Appropriation for Traffic Calming Improvements.	Necessary infrastructure improvements	422 - C4-422 - Highway	Roadway Infrastructure	2017	2023	\$ 150,000
DPW/Highway/2 023/3	Annual MS4 Permit Implementation - 2023	This project will provide funds to comply with new National Pollutant Discharge Elimination System (NPDES) Phase II Municipal Separate Storm Sewer System (MS4) permit requirements. Specifically, this project will update GIS mapping of the separate storm sewer system in accordance with the new system mapping requirements for the illicit Discharge Detection and Elimination program, including delineation of the watersheds served by each outfall. Additionally, this project will prepare studies and plans as required by the permit for Minimum Control Measure 6 – Good Housekeeping and Pollution Prevention for Permittee-Owned Operations and Non-Numerics Effluent Requirements for discharges to certain impaired waters.	The Environmental Protection Agency (EPA) issued a new NPDES Phase II MS4 General Permit which becomes effective July 1, 2017. The Town of Framingham is required to operate its storm sewer system under the MS4 General Permit. The new permit has increased unfunded mandates for compliance including, but not limited to: • All Town properties will be included in the permit, including but not limited to schools, parks, conservation areas, and Town facilities whereas previously permit compliance focused on the roadway drainage system; • Additional storm sewer system inspections and maintenance will be required annually; • Increased inspection and sampling for water quality and potential illicit discharges will be required; • Significant increases required for administration, mapping and reporting. • Increased stormwater management is required for new and re-development, which is more stringent than the current MassDEP Stormwater Standards and Town bylaws; and • Additional operations and capital investments will be required for drainage areas to impaired waterbodies which include: Lake Waushakum, Farm Pond, and Framingham Reservoir #2.	422 - C4-422 - Highway	Stormwater Improvement	2017	2023	\$ 130,000
DPW/Highway/2 023/4	Arlington St Area Drains & Roads Ph 1B Construction & Ph 2 Design	This funding request is for construction of Ph 1B construction and design of Ph 2	Most infrastructure in this neighborhood is in a state of disrepair or inadequacy, including many water mains that are over 100 years old and have fire flow concerns, frequent flooding due to very little drainage infrastructure, with many roads and sidewalks in very poor condition, and without disability accessibility. This project proposes to address these needs in an affordable multiphase implementation that will also reduce disruption to residents, businesses and through-traffic. This project was deferred from the FY2018 request.	411 - C4-411 - Engineering	Stormwater Improvement	2017	2023	\$ 2,000,000
DPW/Highway/2 023/5	Butterworth Park Area Roadways - Construction	This project will provide funds for construction of roadway improvements to the Butterworth Park area. When constructed the project will provide roadway pavement rehabilitation (milling and/or reclamation) with the objective of reducing excess pavement width where possible; new and reset granite curbing; replacement of existing sidewalks and construction of new sidewalks and driveway aprons; and replacement or repair of existing drainage structures and piping as required. ADA-compliant sidewalks and wheelchair ramps will be constructed. In addition, streetscape and lighting improvements will be incorporated at the same time which would result in savings as opposed to implementation at separate times.	This work will direct roadway investments so that they are coordinated with future land uses and redevelopment opportunities to improve the Butterworth Park area. To restore and enhance the safety and function of this area, we need to utilize the full right-of-way in a "complete streets" approach, balancing the needs for all users and modes. The improvements will serve as the foundation of a more cohesive and economically successful neighborhood. This community-based plan will address roadway, sidewalk, intersection, lighting, drainage, signing, crosswalk and landscape improvements for approximately six miles of town streets from Howard Street to Hartford Street, and from Concord Street (excluding Concord Street) to the Natick Town line.	422 - C4-422 - Highway	Roadway Infrastructure	2017	2023	\$ 6,610,000
DPW/Highway/2 023/6	Sucker Pond Drain Replacement	Replace 115 LF of 12-inch pipe	Existing pipe is in very poor condition and function	411 - C4-411 - Engineering	Stormwater Improvement	2017	2023	\$ 50,000
DPW/Highway/2 023/7	Clean and TV Farm Pond Drains	Clean, TV inspection of 14,000 LF for high sediment and high risk lines. Clean/TV 500 LF of dual 48-inch culverts at Angelica Drive. Clear sediment from Outfall #2000155 at Walnut St. and TV lines, excavate sediment at outfall and place 25LF riprap.	Impacts to Town Infrastructure	411 - C4-411 - Engineering	Stormwater Improvement	2017	2023	\$ 64,400
DPW/Highway/2 023/8	Salem End/Badger/Gates Intersection Construction	This project is the final design and construction of an improved intersection at Salem End Road, Badger Road, and Gates Street. The improved intersection will include a roundabout to serve Salem End Road and Badger Road, and a new intersection to serve Salem End Road and Gates Street.	The existing intersection has a history of accidents. Roundabouts have been constructed for similar intersections in other communities such as North, Duxbury, and Somerville, and have led to traffic calming and reductions in vehicular accidents. This design was selected as being the safest and most efficient after a review of three alternatives, the others being a) a four-way signalized intersection and b) two intersections, one of which would be signalized.	411 - C4-411 - Engineering	Roadway Infrastructure	2017	2023	\$ 1,340,000
DPW/Highway/2 023/9	Replace #425A '08 6CY Material Spreader	Replace 2008 Tarco 6CY Material Spreader	This equipment will have reached the end of its reliable service life, and is scheduled for 15 year replacement in 2023	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2023	\$ 47,356
DPW/Highway/2 023/10	Replace #427A '08 6CY Material Spreader	Replace 2008 Tarco 6CY Material Spreader	This equipment will have reached the end of its reliable service life, and is scheduled for 15 year replacement in 2023	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2023	\$ 47,356
DPW/Highway/2 023/11	Replace #630A '95 6CY Material Spreader	Replace 2008 Tarco 6CY Material Spreader	This equipment has reached the end of its reliable service life, and is scheduled for 25 year replacement in 2018	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2023	\$ 48,250
DPW/Highway/2 023/12	Replace #469 '08 Sidewalk Tractor	Replace 2008 Bomabrdier Sidewalk Tractor	Vehicle will have reached the end of its reliable service life, and is scheduled for 15 year replacement in 2023	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2023	\$ 213,401
DPW/Highway/2 023/13	Replace #422 '08 40kGVW Dump Truck	Replace 2008 Mack 40,000 GVW Cab and Chassis with Dump Body and Plow	Vehicle will have reached the end of its reliable service life, and is scheduled for 15 year replacement in 2023	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2023	\$ 218,717
DPW/Highway/2 023/14	Replace #425 '08 40kGVW Dump Truck	Replace 2008 Mack 40,000 GVW Cab and Chassis with Dump Body and Plow	Vehicle will have reached the end of its reliable service life, and is scheduled for 15 year replacement in 2023	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2023	\$ 210,305
DPW/Highway/2 023/15	Replace #426 '08 40kGVW Dump Truck	Replace 2008 Mack 40,000 GVW Cab and Chassis with Dump Body and Plow	Vehicle will have reached the end of its reliable service life, and is scheduled for 15 year replacement in 2023	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2023	\$ 210,305
DPW/Highway/2 023/16	Replace #426 '08 40kGVW Dump Truck	Replace 2008 Mack 40,000 GVW Cab and Chassis with Dump Body and Plow	Vehicle will have reached the end of its reliable service life, and is scheduled for 15 year replacement in 2023	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2023	\$ 210,305
DPW/Highway/2 023/17	Replace #437 '08 70kGVW Dump Truck	Replace 2008 Mack 70,000 GVW Cab and Chassis w/ Dump	Vehicle will have reached its reliable service life, and is scheduled for 15 year replacement in 2023	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2023	\$ 227,465
DPW/Highway/2 023/18	Replace #440 '08 35kGVW Truck w/ Aerial Lift	Replace 2008 Mack 35,000 GVW Cab and Chassis with Aerial Lift	Vehicle will have reached the end of its reliable service life, and is scheduled for 15 year replacement in 2023	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2023	\$ 290,665
DPW/Sanitation 2023/V1-7	Replace 7, '15 Packers, #510, 511,512, 514, 515, 516 & 517, and Plows	Replace 7, 2015 Peterbilt packers, #510, 511,512, 514, 515, 516 & 517, and plows, at \$320,000 each	Existing 2015 packers will have reached the end of their reliable service lives, and are scheduled for 8 year replacement in 2023.	433 - C7-433 - Sanitation	Public Works Rolling Equipment	2016	2023	\$ 2,243,787
	Technology Upgrades Throughout District F23	Technology Upgrades Throughout District	Technology Upgrades Throughout District	School	School Technology Software			\$ 500,000
	Furnish New and Replace Outdated Furniture multiple schools	The majority of schools have the same furniture that was purchased during their construction in the	The majority of schools have the same furniture that was purchased during their construction in the sixties. Although there are many pieces	School	School Non-Rolling Equipment			\$ 300,000

Security Enhancement Throughout the District	Security Enhancement Throughout the District	The School Department has implemented increased security measures throughout the District and is mindful of past national school related	School	School Building Mechanical				\$ 25,000
Mechanical, Electrical, Plumbing Upgrades - All Schools - Multiple Systems - FY23	Mechanical, electrical and plumbing upgrades in all schools in order to properly maintain buildings.	To properly maintain school buildings so they are safe, efficient and sound, mechanical,	School	School Building Mechanical				\$ 150,000
ADA Upgrades for Compliance	Upgrades to Curbs, Sidewalks, Handicap Ramps/Lifts, Railings, Bathroom Partitions,	Numerous schools were cited for damaged curbs, sidewalks, curb cuts, handicap ramps and deteriorated pavement in the ADA Town-wide	School	School Building Structure				\$ 200,000
Asbestos Abatement - Floor Tile, Ceiling Tile, Pipe Insulation - Brophy Elementary School	Asbestos Abatement - Floor Tile, Ceiling Tile, Pipe Insulation - Brophy Elementary School	Replace Deteriorated Asbestos Floor Tile in Main Areas and in Corridors - Brophy Elementary School	School	School Building Structure				\$ 450,000
Paving Replacement/Storm Water All Schools - Fuller FY23	Multiphased project with ongoing work to preserve, repair, and maintain school parking lots, driveways	Continue to design storm water upgrades and paving replacement at schools listed below. Funding request includes design costs (\$600,000 per FY24:	School	Stormwater Improvement				\$ 600,000
Heating Ventilation Air Conditioning (HVAC) Replace Rooftop Air Handling Units (AHU's)	Continue upgrading Heating Ventilation Air Conditioning (HVAC) equipment at Barberi and MSBA Feasibility Study of School to be determined by FY20 Pre-Feasibility Study	Woodrow Wilson	School	School Building Mechanical				\$ 156,000
MSBA Feasibility Study	Anticipate \$26,000,000 MSBA Renovation Project	FY21 project for \$350,000 anticipated.	School	School Building Structure				\$ 350,000
Major Renovation/Replacement Resulting from MSBA Feasibility Study		Project of \$26,000,000 anticipated.	School	School Building Structure				\$ 26,000,000
Fire Alarms Upgrade - Stapleton		Fire Alarm Upgrades - ongoing phased	School	School Building Mechanical				\$ 100,000
Lighting Upgrades - Phased Project - Walsh	Lighting Upgrades - Walsh	Lighting Upgrades - ongoing	School	School Building Mechanical				\$ 215,000
Electrical Service Upgrades - Potter Road - DEFERRED	Electrical Service Upgrade FY24 Potter Road	FY25:	School	School Building Mechanical				\$ 215,000
Water Storage Tank Replacement - McCarthy Elementary	Water Storage Tank Replacement - McCarthy Elementary	Walsh \$725,000	School	School Building Mechanical				\$ 27,300
Roof Replacement - McCarthy	Roof Replacement at McCarthy School - 20 Year Replacement Schedule	Water Storage Tank Replacement - McCarthy Elementary School	School	School Building Mechanical				\$ 1,033,760
F650 4x4 Crew Cab Dump Truck 17,950 GVW	F650 4x4 Crew Cab 17,950 GVW	Roof Replacements on a 20 year schedule	School	School Building Structure				\$ 91,374
Ford Explorer 4x4 4-Door Utility Vehicle	Ford Explorer 4x4 4-Door Utility	This vehicle is used to haul heavier equipment, trailers and materials to Parks locations throughout the town. This vehicle is also used to This is the Loring arena vehicle used for day-to-day operations. This vehicle replaces a 2004 4x4 4-Door Ford Explorer with 58,947 miles. Used to maintain large acreage areas and municipal playing fields. This piece is critical for the mission to service the needs of the residents. This Well water will significantly reduce the cost of water related to the use of irrigation. In addition to allowing for irrigation to continue regardless of weather, typically tennis and basketball courts need to be resurfaced every 10-15 years. Industry studies have shown that two-thirds of all playground injuries result from falls to improper safety surfacing below play structures. The Town currently has regular wheel chins in most locations. These chins are used to maintain large acreage areas and municipal playing fields. There is no shelter for protection from the sun and rain. In addition to Demolition of the Winch Park Grandstands took place in the Fall of 2007. The previous grandstand structure housed restrooms for the adjacent Parking surface conditions at the Long's Athletic Complex and Loring are in disrepair. Current conditions include pot holes, puddles and standards for playground equipment. Traditionally play equipment was the town owned properties creates a sense of pride in the community. These requested improvements are often mentioned by beach patrons. This is phase 4 of an approved program with expected implementation by the Town. The department has completed Phase 1, 2 & 3 of this project.	Parks	Parks Rolling Equipment				\$ 37,176
Toro Groundmaster 580-D 4x4	Toro Groundmaster 580-D 4x4		Parks	Parks Rolling Equipment				\$ 97,900
Irrigation Wells- Miscellaneous Sites	Installation of irrigation wells at 12 playing fields- Bowditch, Galyani, Fuller, Buttenworth, Mary		Parks	Parks Non-Rolling Equipment				\$ 287,500
Tennis and Basketball Court Resurfacing Phase II	Resurfacing of the sport courts, installation of new fencing and installation of new tennis and basketball courts		Parks	Parks Facilities				\$ 310,649
Playground Fiber Mulch Safety Surfacing Replacement Phase 2	Playground Fiber Mulch Safety Surfacing Replacement Phase 2		Parks	Parks Facilities				\$ 27,660
Farm Pond Shelter and Public Toilet Construction	Shelter and Public Toilet construction at Farm Pond. This project will replace restroom and storage facilities that were previously housed under the old Grind, grade, pave and restripe the parking areas shared by the Long's Athletic Complex and Loring structures list that is prioritized according to improvement in need of replacement or upgrade		Parks	Parks Facilities				\$ 173,712
Winch Restrooms	Improvements to landscape, linkage to the bathroom from the parking and other amenities. Demolish and replace various size chain link fence, gates and guardrail at schools and parks. This quote		Parks	Parks Facilities				\$ 90,792
Long's/Loring Parking Reconstruction			Parks	Parks Facilities				\$ 752,359
Play Equip \ Hand. Access, Phase IV-Temple St. Park			Parks	Parks Facilities				\$ 77,050
Beach Landscape and Design Improvements Phase 2			Parks	Parks Facilities				\$ 72,000
Fence Replacement Phase IV			Parks	Parks Facilities				\$ 342,866
								\$ 54,945,410

Enterprise Fund: Water and Sewer Departments

DPW/Sewer/2023/1	Annual Various Sewer Improvements - 2023	Funding for the DPW to respond to unanticipated sewer system failures.	Necessary infrastructure improvements	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017	2023	\$ 300,000
	Annual Sewer Pump Stations Eqpt Replacements - 2023	This appropriation will provide for the replacement and upgrades of equipment at older wastewater pumping stations. The project includes the planned replacement of pumps, motors, controls and others, as well as emergency replacements.	The lifespan and reliability of these stations can be extended a decade or more through the replacement of component parts as they become worn and inefficient, thereby reducing the near-term need for significant capital funds. For example, underground controls and Supervisory Control and Data Acquisition (SCADA) systems may be considered to be raised above ground for reduction of corrosion and for safety purposes.	440 - C2-440 - Sewer Enterprise	Pump Station Mechanical	2017	2023	\$ 400,000
DPW/Sewer/2023/2	Arlington St Area Sewers Ph 1B Construction & Ph 2 Design	This funding request is for construction of Ph 1B construction and design of Ph 2	Most infrastructure in this neighborhood is in a state of disrepair or inadequacy, including many water mains that are over 100 years old and have fire flow concerns, frequent flooding due to very little drainage infrastructure, with many roads and sidewalks in very poor condition, and without disability accessibility. This project proposes to address these needs in an affordable multiphase implementation that will also reduce disruption to residents, businesses and through-traffic. This project was deferred from the FY2018 request.	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017	2023	\$ 2,000,000
DPW/Sewer/2023/3	Beaver Park Area Sewers - Design	This project will provide funds for design of sewer improvements to the Beaver Park area. This project would be centered along Beaver Park Road and included an area generally bounded by Beaver Street, Waverly Street and the open space corridor that lies behind the properties along Beaver Terrace Circle, Interfaith Terrace and segments of both 2nd and 3rd Streets.	The Beaver Park area is densely populated, and is almost totally non-compliant with ADA requirements. Future transportation and pedestrian access improvements in this area will enhance the safety and function of these through a complete streets approach, utilizing the full right-of-way and balancing the needs for all users and modes. The improvements will also serve as the foundation of a more cohesive and economically successful neighborhood. This community-based plan will address roadway, transportation and landscape improvements and consider the relationship to future public open space and private redevelopment.	411 - C4-411 - Engineering	Sewer Piping	2017	2023	\$ 500,000
DPW/Sewer/2023/4	Sewer Defects Repairs Ph 6 - Design and Construction	Address high priority defects from SSE Studies 1-5	Necessary infrastructure improvements.	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017	2023	\$ 1,000,000
DPW/Sewer/2023/5	Woodland Dr Sewer Pump Stn Design	Improvements to the pumping station.	Necessary infrastructure improvements.	440 - C2-440 - Sewer Enterprise	Pump Station Structure	2017	2023	\$ 300,000
DPW/Sewer/2023/6	Worcester Rd Sewer Main (Northeast of Concord St) - Ph III Construction	The overall project is to line or replace water and sewer mains between Concord Street and the Natick town line, as well as the cross-country sewer connector that runs north from Worcester Road through Natick, terminating near Cochichewick Road. This work is to be designed and constructed in three sections (I - Rt 9 eastbound lanes, including the Pierce and Dinsmore neighborhoods; II - Westbound lanes; III - north-south sewer connector), with this request for the construction of Phase I, and the final design of II and III.	The need for this project are some undersized pipes, pipe age and materials, condition, and the consequences of their failure, with this investment increasing capacity, reliability and fire flow, and reducing maintenance costs. Most of this infrastructure is between 50 and 100 years old, and they serve major portions of Framingham's retail businesses, where emergency repairs and the disruption of service and traffic would be very costly. The cross-country connector traverses wetlands, which make maintenance access and emergency repairs extremely difficult, costly and damaging to the natural resources, especially during wet periods.	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017	2023	\$ 6,000,000
DPW/Sewer/2023/7	Beacon St Sewers Rehabilitation - Design	Upgrade within the limits of the water project. SSES found significant deficiencies	Necessary infrastructure improvements	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017	2023	\$ 360,000
DPW/Water/2023/1	Annual Various Water Improvements - 2023	Funding for the DPW to respond to unanticipated water system failures	Necessary Infrastructure Improvements	450 - C1-450 - Water Enterprise	Water Piping	2017	2023	\$ 200,000
DPW/Water/2023/10	Worcester Rd Water Mains West of Concord Pre-design	Replace 1900s 8-inch water pipe in loop along Worcester Road eastbound from Main Street to Main Street back to Union Ave (approximately 5,100 l.f.).	Necessary infrastructure improvements	450 - C1-450 - Water Enterprise	Water Piping	2017	2023	\$ 1,000,000
DPW/Water/2023/2	Annual Various Hydrant & Valve Improvements - 2023	Funding for the timely repair of water system infrastructure	Necessary infrastructure improvements	450 - C1-450 - Water Enterprise	Water Non-Rolling Equipment	2017	2023	\$ 200,000
DPW/Water/2023/3	Arlington St Area Water Mains Ph 1B Construction & Ph 2 Design	This funding request is for construction of Ph 1B construction and design of Ph 2	Most infrastructure in this neighborhood is in a state of disrepair or inadequacy, including many water mains that are over 100 years old and have fire flow concerns, frequent flooding due to very little drainage infrastructure, with many roads and sidewalks in very poor condition, and without disability accessibility. This project proposes to address these needs in an affordable multiphase implementation that will also reduce disruption to residents, businesses and through-traffic. This project was deferred from the FY2018 request.	450 - C1-450 - Water Enterprise	Water Piping	2017	2023	\$ 2,000,000
DPW/Water/2023/4	Elm St Water Pump Stn - Design	Rehabilitate existing 5.4 MGD pumping station that draws water from MWRA water system.	Necessary Infrastructure Improvements	450 - C1-450 - Water Enterprise	Pump Station Structure	2017	2023	\$ 600,000
DPW/Water/2023/5	Beaver Park Area Water Mains - Design	This project will provide funds for design of water improvements to the Beaver Park area. This project would be centered along Beaver Park Road and included an area generally bounded by Beaver Street, Waverly Street and the open space corridor that lies behind the properties along Beaver Terrace Circle, Interfaith Terrace and segments of both 2nd and 3rd Streets.	The Beaver Park area is densely populated, and is almost totally non-compliant with ADA requirements. Future transportation and pedestrian access improvements in this area will enhance the safety and function of these through a complete streets approach, utilizing the full right-of-way and balancing the needs for all users and modes. The improvements will also serve as the foundation of a more cohesive and economically successful neighborhood. This community-based plan will address roadway, transportation and landscape improvements and consider the relationship to future public open space and private redevelopment.	411 - C4-411 - Engineering	Water Piping	2017	2023	\$ 500,000

Number *	Title *	Description	Justification	Department *	Project Type	Year Identified	Estimated Start FY	2024
General Fund: All Municipal Departments except Water and Sewer								
DPW/Highway/2 024/1	Annual Various Road Improvements - 2024	Ongoing roadway, curb, sidewalk and related infrastructure improvements to retain overall State of Good Repair.	Without substantial ongoing improvements, the roadway system will deteriorate rapidly, and cost more to raise back up to a State of Good Repair.	422 - C4-422 - Highway	Roadway Infrastructure	2016	2024	\$ 7,500,000
DPW/Highway/2 024/2	Annual Drainage System & Water Quality Projects - 2024	Annual Appropriation for DPW capital repairs to the stormwater conveyance system. Improvements include removal of debris and sedimentation restoration of channel bottoms. Includes repairs to side walls, banks and channel formed channel bases. Improvements will restore system capacity and mitigate flooding.	Necessary infrastructure improvements	411 - C4-411 - Engineering	Stormwater Improvement	2017	2024	\$ 100,000
DPW/Highway/2 024/3	Annual Traffic Calming - 2024	Annual Appropriation for Traffic Calming Improvements.	Necessary infrastructure improvements.	422 - C4-422 - Highway	Roadway Infrastructure	2017	2024	\$ 150,000
DPW/Highway/2 024/4	Annual MS4 Permit Implementation - 2024	This project will provide funds to comply with new National Pollutant Discharge Elimination System (NPDES) Phase II Municipal Separate Storm Sewer System (MS4) permit requirements. Specifically, this project will update GIS mapping of the separate storm sewer system in accordance with the new system mapping requirements for the Illicit Discharge Detection and Elimination program, including delineation of the watersheds served by each outfall. Additionally, this project will prepare studies and plans as required by the permit for Minimum Control Measure 6 - Good Housekeeping and Pollution Prevention for Permittee-Owned Operations and Non-Numeric Effluent Requirements for discharges to certain impaired waters.	The Environmental Protection Agency (EPA) issued a new NPDES Phase II MS4 General Permit which becomes effective July 1, 2017. The Town of Framingham is required to operate its storm sewer system under the MS4 General Permit. The new permit has increased unfunded mandates for compliance including, but not limited to: • All Town properties will be included in the permit, including but not limited to schools, parks, conservation areas, and Town facilities whereas previously permit compliance focused on the roadway drainage system; • Additional storm sewer system inspections and maintenance will be required annually; • Increased inspection and sampling for water quality and potential illicit discharges will be required; • Significant increases required for administration, mapping and reporting. • Increased stormwater management is required for new and re-development, which is more stringent than the current MassDEP Stormwater Standards and Town bylaws; and • Additional operations and capital investments will be required for drainage areas to impaired waterbodies which include: Lake Waushakum, Farm Pond, and Framingham Reservoir #2.	422 - C4-422 - Highway	Stormwater Improvement	2017	2024	\$ 130,000
DPW/Highway/2 024/5	Arlington St Area Drains & Roads Ph 2 Construction	This funding request is for construction of Ph 2	Most infrastructure in this neighborhood is in a state of disrepair or inadequacy, including many water mains that are over 100 years old and have fire flow concerns, frequent flooding due to very little drainage infrastructure, with many roads and sidewalks in very poor condition, and without disability accessibility. This project proposes to address these needs in an affordable multiphase implementation that will also reduce disruption to residents, businesses and through-traffic. This project was deferred from the FY2018 request.	422 - C4-422 - Highway	Roadway Infrastructure	2017	2024	\$ 2,000,000
DPW/Highway/2 024/6	Beaver Park Area Roadways - Design	This project will provide funds for construction of roadway improvements to the Beaver Park area. This project would be centered along Beaver Park Road and included an area generally bounded by Beaver Street, Waverly Street and the open space corridor that lies behind the properties along Beaver Terrace Circle, Interfaith Terrace and segments of both 2nd and 3rd Streets.	The Beaver Park area is densely populated, and is almost totally non-compliant with ADA requirements. Future transportation and pedestrian access improvements in this area will enhance the safety and function of these through a complete streets approach, utilizing the full right-of-way and balancing the needs for all users and modes. The improvements will also serve as the foundation of a more cohesive and economically successful neighborhood. This community-based plan will address roadway, transportation and landscape improvements and consider the relationship to future public open space and private redevelopment.	411 - C4-411 - Engineering	Roadway Infrastructure	2017	2024	\$ 1,500,000
DPW/Highway/2 024/V1	Replace #40 '16 7.7kGVW 4WD Pick-Up Truck	Replace 2016 8,800 GVW 4WD Pick-Up Truck	Vehicle will have reached end of its reliable service life, and is scheduled for 8 year replacement in 2024	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2024	\$ 57,887
DPW/Highway/2 024/V2	Replace #445 '04 65kGVW Tandem Axle Trailer	Replace 2004 Mack 65,000 GVW Tandem axle trailer	Equipment will have reached the end of its reliable service life, and is scheduled for 20 year replacement in 2024	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2024	\$ 186,000
DPW/Highway/2 024/V3	Replacement of a 3.5 CY Front End Loader with Plow #454	Replace 3.5 CY Front end loader and plow	Vehicle has reached its useful life and is due for replacement	422 - C7-422 - Highway	Public Works Rolling Equipment	2017	2024	\$ 215,000
DPW/Sanitation/ 2024/V1	Replace #513 '15 Packer, and Plow	Replace 2016 Peterbilt packer, and plow	2016 packer will have reached the end of its reliable service life, and is scheduled for 8 year replacement in 2024	433 - C7-433 - Sanitation	Public Works Rolling Equipment	2016	2024	\$ 333,363
DPW/Sanitation/ 2024/V2	Replace #50 '16 7.7kGVW 4WD Pickup Truck and Plow	Replace 2016 7,700 GVW 4WD Pickup Truck and Plow	Vehicle will have reached the end of its reliable service life, and is scheduled for 8 year replacement in 2024	433 - C7-433 - Sanitation	Public Works Rolling Equipment	2017	2024	\$ 57,887
	Technology Upgrades Throughout District FY23	Technology Upgrades Throughout District	Technology Upgrades Throughout District	School	School Technology Software			\$ 500,000
	Pre-Feasibility School Reno/Replace	Pre-Feasibility	School TBD	School	School Building Structure			\$ 100,000
	Furnish New and Replace Outdated Furniture multiple schools	The majority of schools have the same furniture that was purchased during their construction in the sixties. Although there are many pieces of relatively new furniture in the schools, there is no way to refurbish the 255 classrooms that still use outdated furniture. Current teaching methods and modern technology in the elementary and middle school grades require the use of laptop and other devices. The plan is to begin with one elementary school (25 classrooms) and 10 grade offices per year until all furniture has been replaced as necessary.	The majority of schools have the same furniture that was purchased during their construction in the sixties. Although there are many pieces of relatively new furniture in the schools, there is no way to refurbish the 255 classrooms that still use outdated furniture. Current teaching methods and modern technology in the elementary and middle school grades require the use of laptop and other devices. The plan is to begin with one elementary school (25 classrooms) and 10 grade offices per year until all furniture has been replaced as necessary.	School	School Non-Rolling Equipment			\$ 300,000
	Security Enhancement Throughout the District	Security Enhancement Throughout the District	The School Department has implemented increased security measures throughout the District and is mindful of past national school related security events. Continue to enhance security throughout the District \$25,000.00 per year.	School	School Building Mechanical			\$ 25,000
	Mechanical, Electrical, Plumbing Upgrades - All Schools - Multiple Systems - FY23	Mechanical, electrical and plumbing upgrades in all schools in order to properly maintain buildings.	To properly maintain school buildings so they are safe, efficient and sound, mechanical, electrical and plumbing upgrades on multiple systems need to be performed. All schools will require upgrades in the near future. Below is a prioritized list of pumps, drives, motors, lighting, burners and appurtenances. \$ 150,000	School	School Building Mechanical			\$ 150,000
			* Please note that the majority of the mechanical, electrical and plumbing upgrades listed must be completed during the months of July and August when students are not in the schools. Requested amounts reflect the amount of construction and installation work that can be completed in this short time frame.					

ADA Upgrades for Compliance	Upgrades to Curbs, Sidewalks, Handicap Ramps/Lifts, Railings, Bathroom Partitions, Hardware, Signage and Removal of all Architectural Barriers and Design for Compliance	Numerous schools were cited for damaged curbs, sidewalks, curb cuts, handicap ramps and deteriorated pavement in the ADA Town-wide Transition Plan. These funds would be part of a phased repair and upgrade plan to repair or replace the noted deficiencies which includes removal of architectural barriers and replacing or adding ADA compliant signage.	School	School Building Structure	\$	200,000
	<ul style="list-style-type: none"> Partitions Hardware Signage Bathrooms Knobs Door Handles Design for Compliance 					
Asbestos Abatement Floor Tile, Ceiling Tile, Pipe Insulation - Walsh School	Asbestos Abatement - Floor Tile, Ceiling Tile, Pipe Insulation- Walsh Middle School	Replace Deteriorated Asbestos Floor Tile in Main Areas and in Corridors – Walsh Middle School Please note that the majority of ACM removal and replacement listed must be completed during the months of July and August when students are not in the schools. Requested amounts reflect the amount of construction and installation work that can be completed in this short time frame.	School	School Building Structure	\$	450,000
Paving Replacement/Storm Water All Schools - Thayer FY23	Multiphased project with ongoing work to preserve, repair, and maintain school parking lots, driveways and storm water systems. As in the past, the Town Unit Pricing Contracts will be utilized.	Continue to design storm water upgrades and paving replacement at schools listed below. Funding request includes design costs (\$600,000 per year), storm water upgrades and paving replacement. As in the past, the Town unit pricing contracts will be utilized. <ul style="list-style-type: none"> Cameron Middle School McCarthy Elementary School \$600,000 each year	School	Stormwater Improvement	\$	600,000
Heating Ventilation Air Conditioning (HVAC) - Replace Rooftop Air Handling Units (AHU's) and Ventila	Continue upgrading Heating Ventilation Air Conditioning (HVAC) equipment at Woodrow Wilson	FY24: Woodrow Wilson \$677,000 FY25: Cameron \$635,000 FY26: Stapleton \$630,000	School	School Building Mechanical	\$	677,000
Lighting Upgrades - Phased Project - Stapleton Elementary School	Lighting Upgrades - Stapleton Elementary School	Lighting Upgrades - ongoing	School	School Building Mechanical	\$	60,000
Electrical Service Upgrades - Potter Road - DEFERRED	Electrical Service Upgrade FY24 Potter Road	FY25: Walsh \$725,000 FY26: Stapleton \$135,000	School	School Building Mechanical	\$	215,000
Generators - FHS J Wing	Generators	FHS J Wing Roof Replacements on a 20 year schedule	School	School Building Mechanical	\$	950,000
Roof Replacement - Cameron School - deferred	Roof Replacement at Cameron School - 20 Year Replacement Schedule	FY25: Juniper Hill \$1,299,144	School	School Building Structure	\$	1,274,000
Grounds Equipment Upgrade - Mower FY24	Replacement of 19 year old Toro Groundsmaster mower.	FY24: Replacement of 19 year old Toro Groundsmaster mower \$96,000	School	School Rolling Equipment	\$	96,000
Utility Truck	Vehicles		School	School Rolling Equipment	\$	50,000
Ford F350 4x4 Crew Cab Utility/Maintenance Body 10,400 GVW	Ford F350 4x4 Maintenance Body	This vehicle is primarily used by the division mechanic. The vehicle is used to store and transport tools, equipment and materials to all areas of Town as required to repair and maintain vehicles and equipment in the field. This vehicle replaces a 2012 Ford F350 4x4 utility maintenance body with 22,699 miles.	Parks	Parks Rolling Equipment	\$	60,899
F250 4x4 Regular Cab Pickup Truck	F250 4x4 Regular Cab Pickup Truck	These funds will be used to purchase a F250 4x4 Regular Cab Pickup Truck that will replace a 2012 F250 4x4 Regular Cab Pickup Truck with 28,752 miles.	Parks	Parks Rolling Equipment	\$	43,598
F350 4x4 Crew Cab Pickup 10,400 GVW	F350 4x4 Crew Cab Pickup 10,400 GVW.	F350 4x4 Crew Cab Pickup used to transport Park staff throughout Town. This replaces a 2014 F350 4x4 Crew Cab Pickup with 21,814 miles.	Parks	Parks Rolling Equipment	\$	50,349
Mary Dennison II Softball Field Lighting	Lighting Mary Dennison II softball field.	Increased programming in the Parks and Recreation Dept., School Dept. and community user groups results in an immediate need for additional space to schedule events. The most effective short term means of meeting these needs is extending the hours of use for various locations throughout the Town. Addition of lighting to this field will enable scheduling of events into the evening, increasing scheduling flexibility and field availability to meet increased user demand. In addition to scheduling flexibility, addition of lights to this field will allow for the entire men's softball league to run at the Mary Dennison location. This move eliminates the situation of young children playing baseball with adults playing softball on adjacent fields. Currently there is no lighting on this field.	Parks	Parks Facilities	\$	367,500
	Tennis & Basketball Resurfacing Phase III		Parks	Parks Facilities	\$	235,966
Relamping Baseball Fields	Relamp and Clean Lenses at four lighted ball fields: Bowditch, Ryan, Mary Dennison and Winch. Maintenance checks are also performed for failing hardware and cross arms. This project contains a 15% construction contingency.	The present lights are over 12 years old. After a certain number of hours in use, the output of the lamps reduces by approximately 40%-50% of original lighting capacity. Industry standards require specific lighting levels to ensure safe play. Routine replacement of lamps and maintenance of fixtures to provide accurate aiming and clean lenses improves performance. These locations are used extensively by Framingham High, Framingham State College, Keefe Tech, Framingham Legion, Senior Babe Ruth, Town Softball, corporate user groups and resident user groups. Quote provided by J. E. Guertin Co.	Parks	Parks Facilities	\$	59,400
Park Signage Phase II	Installation of phase 2 of a signage program for Parks and Recreation properties throughout Town.	Current signage throughout our Parks is outdated and limited in impact as well as aesthetics. Beautification of Parks properties lends to neighborhood stabilization and a sense of pride in community. Proposed signage will create a common theme for all Park owned properties, while improving the aesthetic qualities of the property. Signage will be placed in highly visible area.	Parks	Parks Facilities	\$	35,364
Merchant Road Soccer Field Restrooms and Storage	Installation of a building containing restrooms and storage at the Merchant Road soccer field.	Merchant Road soccer fields are used spring, summer and fall by town residents and visiting players. This remote location does not have sanitary facilities and requires the use of portable toilets. These portable toilets have health and safety issues in addition to aesthetic shortcomings. Installation of permanent facilities will significantly increase the user experience at this popular facility.	Parks	Parks Facilities	\$	87,550

Miscellaneous Building Roof Replacement Phase II	Replacement of roofs at various park locations. This phase will replace the roofs on buildings #1 and #2 at Centennial Park.	Building #1 houses various Recreation Programs in addition to a wood working shop and field painting supplies and equipment. Building #2 houses all of the fertilizers and turf treatment products for the Parks Maintenance operations. Parks' outbuilding roofs have begun to show wear due to New England weather. Proper planning dictates inclusion of these facilities in the capital budget plan. Buildings are showing wear at differing rates and proposed phases may be adjusted to reflect current conditions.	Parks	Town Building Structure	\$	106,940
Barbieri Athletic Fields Renovation & Irrigation	Complete renovation and irrigation of 5.29 acres of playing fields located at Barbieri School.	This is a continuation of a field improvement plan that was voted by Town Meeting when the School Fields were transferred to the Park Dept. Fields are getting intense use year round; acceptable field conditions cannot be achieved without irrigation. There has been a tremendous shift in society's interest and expectations toward recreation and athletic field conditions. Community organizations using public facilities have increased types of services and length of seasons. This plan was reviewed by Town Meeting with expectation toward implementation.	Parks	Parks Facilities	\$	350,000
Play Equip. / Hand. Access., Phase V-Mason Park	The Parks and Recreation Department has a play structures list that is prioritized according to equipment in need of replacement or upgrade. Phase 5 of this replacement program will provide funding to significantly improve the Temple Street Park. The budget estimate is based on a project currently under construction with associated pricing provided by Weston and Sampson Architectural Firm and includes accessibility improvements, play equipment, rubber safety mulch and poured in place rubber surfacing.	Many of the Parks playgrounds provide limited handicapped accessibility as well as outdated and potentially hazardous play equipment and safety surfacing. Studies have shown that two-thirds of playground injuries result from falls to inappropriate surfacing below the equipment. Other injuries often occur from protrusions, sharp edges, hot surfaces and pinch points. Current equipment at these locations has been in existence for many years and is far from being in compliance with current industry standards. The U.S. Consumer Product Safety Commission has established standards for playground equipment and safety surfacing. Traditionally, play equipment was not designed with a high degree of regard for safety standards and handicap accessibility. New equipment and safety surfacing is designed in conjunction with the new CPS safety guidelines to eliminate these common problems. This appropriation will provide significantly improved handicapped accessibility, compliant play equipment and a combination of poured in place safety surfacing and rubber mulch.	Parks	Parks Facilities	\$	77,050
Beach Dock Replacement Phase II	Replacement of 14 sections of beach dock and associated equipment. These docks will be rotated into the current inventory and replace the most worn sections.	Beach docks have begun to show significant wear. This wear is attributed to several factors including use, weather, transport and storage associated with beach opening and closing each year.	Parks	Parks Facilities	\$	65,007
UCS Refresh	Replace aging hardware that houses our virtual environment.	The original systems were installed in 2014 and will become end of life technology.			\$	130,000
Total General Fund					\$	19,546,460

Enterprise Fund: Water and Sewer Departments						
DPW/Sewer/2024/1	Annual Various Sewer Improvements - 2024	Funding for the DPW to respond to unanticipated sewer system failures.	Necessary infrastructure improvements.	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017 2024 \$ 300,000
DPW/Sewer/2024/10	Perry Henderson Dr Sewer Pump Stn Replacement - Design	Replace pump station and force main.	Necessary infrastructure improvements.	440 - C2-440 - Sewer Enterprise	Pump Station Structure	2017 2024 \$ 150,000
DPW/Sewer/2024/11	Shady Ln Sewer Pump Stn Replacement - Design	Replace pump station and force main.	Necessary infrastructure improvements.	440 - C2-440 - Sewer Enterprise	Pump Station Structure	2017 2024 \$ 150,000
DPW/Sewer/2024/12	Victor Rd Sewer Pump Stn Replacement - Design	Replace pump station and force main.	Necessary infrastructure improvements.	440 - C2-440 - Sewer Enterprise	Pump Station Structure	2017 2024 \$ 150,000
DPW/Sewer/2024/13	Weld St Sewer Pumping Stn Replacement - Design	Replace pumping station and force main.	Necessary infrastructure improvements	440 - C2-440 - Sewer Enterprise	Pump Station Structure	2017 2024 \$ 150,000
DPW/Sewer/2024/2	Annual Sewer Pump Stations Equip Replacements - 2024	This appropriation will provide for the replacement and upgrades of equipment at older wastewater pumping stations. The project includes the planned replacement of pumps, motors, controls and others, as well as emergency replacements.	The lifespan and reliability of these stations can be extended a decade or more through the replacement of component parts as they become worn and inefficient, thereby reducing the near-term need for significant capital funds. For example, underground controls and Supervisory Control and Data Acquisition (SCADA) systems may be considered to be raised above ground for reduction of corrosion and for safety purposes.	440 - C2-440 - Sewer Enterprise	Pump Station Mechanical	2017 2024 \$ 400,000
DPW/Sewer/2024/3	Sewer Defects Repairs Ph 7 - Design and Construction	Address high priority defects from SSE Studies 1-5	Necessary infrastructure improvements.	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017 2024 \$ 1,000,000
DPW/Sewer/2024/4	Flow Monitoring & Analysis	Perform physical monitoring to assess system flow trends, particularly reductions due to infiltration and inflow reductions. Envisioned in 2017 as a triennial effort, initiating in FY21 due to other urgent priorities, including the related next SSES reports, and (High Priority) Sewer Defects Repairs Phase 1-3, et al.	This will aid in showing the effectiveness of sewer defects repairs and similar, and how to improve the effectiveness.	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017 2024 \$ 100,000
DPW/Sewer/2024/5	SSES Report, Area #B	Perform Sewer System Evaluation Study of a 6th area of the City	Necessary infrastructure improvements.	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017 2024 \$ 500,000
DPW/Sewer/2024/6	Arlington St Area Sewers Ph 2 Construction	This funding request is for construction of Ph 2	Most infrastructure in this neighborhood is in a state of disrepair or inadequacy, including many water mains that are over 100 years old and have fire flow concerns, frequent flooding due to very little drainage infrastructure, with many roads and sidewalks in very poor condition, and without disability accessibility. This project proposes to address these needs in an affordable multiphase implementation that will also reduce disruption to residents, businesses and through-traffic. This project was deferred from the FY2018 request.	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017 2024 \$ 2,000,000
DPW/Sewer/2024/7	Edgell Rd Sewers - Construction	This project includes the design of sewer improvements on Edgell Road from Central Street to the Edmands/Water Intersection in advance of roadway improvements. The project includes rehabilitation or replacement of 8,200 feet of 8-inch asbestos cement pipe gravity main, and 1,200 feet of force main (the rest of which is being improved as part of the Woodland Force Main project). The project will also evaluate replacement of 5,500 feet of vitrified clay drain line, which is likely to be damaged during construction. The project will provide a survey, borings, and geotechnical analyses sufficient for roadway improvements. The project will also include all permitting and access requirements.	The 8 inch asbestos cement sewer pipe is close to 60 years old, and is in deteriorated shape. In addition, the 2003 MWRA settlement agreement calls for reduction in force mains to limit noxious sulfide production. The project will consider combining the southern section of gravity main with the Woodland Force Main, which would reduce the length of the force main by up to 1,400 feet, more than half the length of the force main. Combining this project with the Water project will result in reduced construction costs and prepare for future roadway improvements.	440 - C2-440 - Sewer Enterprise	Sewer Piping	2017 2024 \$ 4,500,000
DPW/Sewer/2024/8	Woodland Dr Sewer Pump Stn Construction	Improvements to the pumping station.	Necessary infrastructure improvements.	440 - C2-440 - Sewer Enterprise	Pump Station Structure	2017 2024 \$ 2,000,000
DPW/Sewer/2024/9	Larnis Rd Sewer Pump Stn Replacement - Design	Replace pump station and force main.	Necessary infrastructure improvements	440 - C2-440 - Sewer Enterprise	Pump Station Structure	2017 2024 \$ 150,000
DPW/Water/2024/1	Annual Various Water Improvements - 2024	Funding for the DPW to respond to unanticipated water system failures.	Necessary infrastructure improvements.	450 - C1-450 - Water Enterprise	Water Piping	2017 2024 \$ 200,000
DPW/Water/2024/2	Annual Various Hydrant & Valve Improvements - 2024	Funding for the timely repair of water system infrastructure	Necessary infrastructure improvements	450 - C1-450 - Water Enterprise	Water Non-Rolling Equipment	2017 2024 \$ 200,000
DPW/Water/2024/3	Arlington St Area Water Mains Ph 2 Construction	This funding request is for construction of Ph 2	Most infrastructure in this neighborhood is in a state of disrepair or inadequacy, including many water mains that are over 100 years old and have fire flow concerns, frequent flooding due to very little drainage infrastructure, with many roads and sidewalks in very poor condition, and without disability accessibility. This project proposes to address these needs in an affordable multiphase implementation that will also reduce disruption to residents, businesses and through-traffic. This project was deferred from the FY2018 request.	450 - C1-450 - Water Enterprise	Water Piping	2017 2024 \$ 2,000,000

DPW/Water/2024/4	Edgell Rd Water Main - Construction	<p>The work is primarily located on Edgell Road between Central Street and Water Street. The project includes the replacement of approximately 9,300 linear feet of existing 8 inch cast iron pipe from 1917, upgrading to 12 inches based on the recommendations of the Water Master Plan. The project will also include the replacement of hydrants and water services within the right-of-way along the new water main. The project evaluation of a water transmission line and replacement of the vitrified clay drain line. The project will also include a detailed survey, borings, and geotechnical analyses sufficient for future roadway improvements. Permitting and access requirements will be addressed.</p>	<p>The original Water Master Plan identified the Edgell Road corridor from Water Street to Central Street as one of the "first priority" corridors for water improvements, several other corridors having been upgraded including Water Street, Fay Road, Cove Avenue, Grant Street, Brigham Road, and Prospect Street. The first priority (highest) are water mains with poor or inadequate fire fighting protection capabilities. In addition, at 8 inches and nearly 100 years old, the water main along this corridor is undersized for current demands and has reached the end of its useful life. Design challenges include two aqueduct crossings and one rail crossing. This project is being coordinated with the Edgell Road Sewer Main improvements project, the Edgell Road Water Pumping Station Rehabilitation project, and area roadway upgrade projects.</p>	450 - C1-450 - Water Enterprise	Water Piping	2017	2024	\$	8,000,000
DPW/Water/2024/5	Mt Wayte Ave Water Mains - Design	Replace approximately 2,800 l.f. of existing 8/12-inch w.p. with new 12-inch w.p.	Necessary Infrastructure Improvements	450 - C1-450 - Water Enterprise	Water Piping	2017	2024	\$	250,000
DPW/Water/2024/Eq1	Replace #695 '03 6-inch Goodwin Pump	Replace 2003 6-inch Goodwin pump	Vehicle has reached the end of its reliable service life and is scheduled for 20 year replacement in 2023	450 - C1-450 - Water Enterprise	Water Rolling Equipment	2017	2023	\$	87,500
									\$ 22,287,500

Asset Type	FY19	FY20	FY21	FY22	FY23	FY24	Total by Type
City Building Structure	\$0	\$0	\$500,000			\$106,640	\$606,640
City Non-Rolling Equipment	\$182,618	\$0		\$0	\$0	\$0	\$182,618
City Technology Hardware	\$615,253	\$125,000	\$206,000	\$250,000	\$0	\$130,000	\$1,326,253
City Technology Software	\$186,000	\$0	\$0	\$0	\$0	\$0	\$186,000
Land/Open Space	\$0	\$0	\$2,500,000	\$0	\$0	\$0	\$2,500,000
Park Facilities	\$700,382	\$834,562	\$72,000	\$8,700,000	\$1,847,088	\$1,277,837	\$13,431,869
Parks Rolling Equipment	\$238,709	\$672,311	\$350,359	\$214,496	\$226,450	\$154,846	\$1,857,171
Parks Non-Rolling Equipment	\$0	\$0	\$166,633	\$0	\$287,500	\$0	\$454,133
Public Safety Rolling Equipment	\$795,201	\$650,000	\$600,000	\$572,000	\$0	\$0	\$2,617,201
Public Safety Non-Rolling Equipment	\$0	\$455,000	\$151,000	\$126,000	\$0	\$0	\$732,000
Public Works Rolling Equipment	\$605,621	\$2,375,830	\$1,923,967	\$1,457,633	\$3,967,912	\$850,137	\$11,181,100
Public Works Non-Rolling Equipment	\$3,990,000	\$0	\$0	\$0	\$0		\$3,990,000
Pump Station Mechanical	\$900,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,900,000
Pump Station Structure	\$0	\$2,225,000	\$4,425,000	\$13,275,000	\$300,000	\$2,750,000	\$22,975,000
Roadway Infrastructure	\$9,520,000	\$15,560,000	\$17,785,000	\$13,325,000	\$15,600,000	\$11,150,000	\$82,940,000
School Building Mechanical	\$2,100,000	\$1,079,100	\$1,052,000	\$956,000	\$888,300	\$2,077,000	\$8,152,400
School Building Structure	\$3,140,000	\$68,832,156	\$2,846,385	\$1,705,600	\$28,033,760	\$2,024,000	\$106,581,901
School Non-Rolling Equipment	\$470,000	\$449,380	\$300,000	\$300,000	\$300,000	\$300,000	\$2,119,380
School Rolling Equipment	\$125,000	\$44,898	\$0	\$0	\$0	\$146,000	\$315,898
School Technology Software	\$250,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,750,000
Sewer Piping	\$10,015,000	\$12,200,000	\$7,425,000	\$4,325,000	\$10,160,000	\$8,400,000	\$52,525,000
Sewer Rolling Equipment	\$618,214	\$276,806	\$123,800	\$362,590	\$0	\$0	\$1,381,410
Sewer Non-Rolling Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Stormwater Improvement	\$2,465,000	\$6,690,000	\$1,892,500	\$1,706,950	\$3,294,400	\$830,000	\$16,878,850
Water Non-Rolling Equipment	\$0	\$0	\$0	\$0	\$800,000	\$200,000	\$1,000,000
Water Rolling Equipment	\$312,677	\$501,574	\$62,987	\$487,317	\$0	\$87,500	\$1,452,055
Water Piping	\$8,585,000	\$10,232,000	\$5,400,000	\$6,380,000	\$6,755,000	\$10,450,000	\$47,802,000
Water Tank/Tower Structure	\$0	\$2,000,000	\$12,000,000	\$0	\$0	\$0	\$14,000,000
Total Investment	\$45,814,675	\$126,103,617	\$60,682,631	\$55,043,586	\$73,360,410	\$41,833,960	\$402,838,879

Pump Station Mechanical	\$900,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,900,000
Sewer Rolling Equipment	\$618,214	\$276,806	\$123,800	\$362,590	\$0	\$0	\$1,381,410
Sewer Non-Rolling Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water Non-Rolling Equipment	\$0	\$0	\$0	\$0	\$800,000	\$200,000	\$1,000,000
Water Rolling Equipment	\$312,677	\$501,574	\$62,987	\$487,317	\$0	\$87,500	\$1,452,055
Total Equipment Asset Group	\$11,389,293	\$7,529,899	\$5,836,746	\$5,626,036	\$7,370,162	\$4,845,483	\$42,597,619

\$45,814,675	\$126,103,617	\$60,682,631	\$55,043,586	\$73,360,410	\$41,833,960	\$402,838,879
\$0	\$0	\$0	\$0	\$0	\$0	\$0

Asset Grouping	FY19	FY20	FY21	FY22	FY23	FY24	Total by Type
Total Infrastructure Asset Group	\$31,285,382	\$47,516,562	\$47,074,500	\$34,436,950	\$37,656,488	\$32,107,837	\$230,077,719
Total Facilities/Buildings Asset Group	\$3,140,000	\$71,057,156	\$7,771,385	\$14,980,600	\$28,333,760	\$4,880,640	\$130,163,541
Total Equipment Asset Group	\$11,389,293	\$7,529,899	\$5,836,746	\$5,626,036	\$7,370,162	\$4,845,483	\$42,597,619
Total Investment, All Asset Groups	\$45,814,675	\$126,103,617	\$60,682,631	\$55,043,586	\$73,360,410	\$41,833,960	\$402,838,879

Department	FY19	FY20	FY21	FY22	FY23	FY24	Total by Dept
City Clerk	\$116,580	\$0	\$0	\$0	\$0	\$0	\$116,580
Fire	\$795,201	\$1,105,000	\$751,000	\$698,000	\$0	\$0	\$3,349,201
DPW-Fleet	\$0	\$138,872	\$0	\$75,000	\$0	\$0	\$213,872
DPW-Engineering	\$2,645,000	\$8,410,000	\$6,802,500	\$6,651,950	\$3,904,400	\$1,600,000	\$30,013,850
DPW-Highway	\$9,141,621	\$14,891,958	\$13,834,967	\$8,539,593	\$16,114,125	\$10,238,887	\$72,761,151
DPW-Sanitation	\$4,074,000	\$585,000	\$364,000	\$190,192	\$2,243,787	\$391,250	\$7,848,229
DPW-Snow & Ice	\$0	\$0	\$0	\$432,848	\$0	\$0	\$432,848
Library	\$136,970	\$0	\$0	\$0	\$0	\$0	\$136,970
Parks & Recreation	\$939,091	\$1,506,873	\$3,588,992	\$8,914,496	\$2,361,038	\$1,539,323	\$18,849,813
School Department	\$6,805,000	\$71,505,534	\$5,298,385	\$4,061,600	\$30,322,060	\$5,647,000	\$123,639,579
Technology Services	\$730,321	\$125,000	\$206,000	\$250,000	\$0	\$130,000	\$1,441,321
Water Dept	\$8,897,677	\$12,733,574	\$17,462,987	\$13,430,003	\$7,555,000	\$10,737,500	\$70,816,741
Sewer Dept	\$11,533,214	\$15,101,806	\$12,373,800	\$11,799,904	\$10,860,000	\$11,550,000	\$73,218,724
Fund	FY19	FY20	FY21	FY22	FY23	FY24	Total by Dept
Total General Fund	\$25,383,784	\$98,268,237	\$30,845,844	\$29,813,679	\$54,945,410	\$19,546,460	\$258,803,414
Total Utility Ent. Fund	\$20,430,891	\$27,835,380	\$29,836,787	\$25,229,907	\$18,415,000	\$22,287,500	\$144,035,465
Total All Depts	\$45,814,675	\$126,103,617	\$60,682,631	\$55,043,586	\$73,360,410	\$41,833,960	\$402,838,879

* denotes major school renovation included

