

City of Framingham 5 Year Capital Improvement Program FY2027-FY2031
Capital Project Request Form for FY2027 Projects

FY2027 Project requests must meet the definition of a Capital Project

A capital project is a major, nonrecurring expenditure that meets one or more of the following criteria:

The capital improvement is a tangible asset or project estimated to cost over \$25,000 and to have or to extend five or more years of useful life.

The community would legally be allowed to borrow for the expense under M.G.L. c. 44, § 7 and M.G.L. c.44, § 8.

The expenditure is for real property acquisitions, construction, and long-life capital equipment.

The project is for improvements to physical infrastructure (e.g., streets, sidewalks, and stormwater drains) and renovations of existing capital items that extend their useful lifespans.

The purchase or long-term capital lease is for vehicles or heavy equipment that have an expected useful life of 5 or more years.

The expenditure is to pay for the planning, engineering, or design services required for a construction or renewal project that itself qualifies as a capital expenditure.

The purchase is for bulk purchases of similar items, like software, furniture, or radios with an expected useful life of three or more years that, when aggregated, have total costs exceeding \$25,000.

Project Name Western Star 47X w. Chadwick Baross Vac Truck (Replaces Sewer No. 738, Vactor)

Project Status Resubmission

Department Sewer

Project Lead Name Jeffrey Rousseau

Email address jrousseau@framinghamma.gov Phone 6073

Project Fiscal Year FY27 Department Priority # 1

Priority - Select the appropriate priority level based on the definitions below:

Urgent - addresses an imminent risk to the safety of the public or municipal personnel, and/or prevents the imminent destruction or collapse of public infrastructure or loss of assets.

High - necessary to ensure consistent, level service for the upcoming fiscal year. This priority type includes systems that a likely to fail, e.g., replacement of old or worn-out equipment, dramatically rehabilitate aging facilities, or facilitate a department's ability to meet increased service demands.

Moderate - either replaces assets that have outlived their useful life, enhances a benefit to the community over and above the existing level of service, results in costs savings or other efficiencies, or directly supports community's economic base by increasing property values.

Low - provides additions or improvements to services or programs having social, cultural, historic, economic, or aesthetic value, but does not require immediate approval and implementation.

Physical location/address of project/equipment

N/A

Project Status - Select the appropriate priority level based on the definitions below:

New - first time submission

Recurring - a routine project that must be completed annually or periodically, such as upgrading a pumping station's infrastructure or rehabilitating athletic fields.

Resubmission - a project was submitted in a previous year but not approved.

Revision/Upgrade to Previous Project - the scope of this project has changed or requires additional resources.

Project Financing

Estimated Project Cost –Enter the estimated cost of the project or asset. You are required to attach any quotes or other documentation to support the cost.

Amount Requested \$ 838,000

Life Expectancy - provide the number of years the asset is expected to last 10

Estimated timeframe to complete project or to receive asset - in months or years, estimate the duration of the project or the timeframe for delivery of equipment or asset. For example, if a new ambulance requires a build out and delivery time of 1 year, enter 1 year.

Estimated date for completion or delivery 18 Months

Timeframe - Additional Explanation

Proposed Funding Sources - Provide (if applicable) any potential grants, donations, or other available funds to supplement the regular financing of capital projects and assets. Attach documentation of possible grant opportunities, along with the community's funding requirements for acceptance. Describe and provide documentation for available discounts or cost reductions, such as trade in value.

Bond General Fund

Bond Enterprise Fund

Free Cash/Retained Earnings

____ CPA

____ Grant

____ Other Type of Loan

____ Other

____ Matching Requirements

Additional explanation/information related to funding source(s)

Project Description

Provide a basic description of the proposed project or equipment purchase, including:

- Location (if a building)
- Type of building
- Intended use(s)
- Whether land acquisition will be necessary (if a building)
- Discussion of primary cost drivers
- Stakeholders involved
- Narrative of qualification for specific funding source (e.g., grants, CPA)

This appropriation will fund replacement the purchase of a new Western Star 47X for the replacement of the existing Vactor vacuum truck that is used extensively for operations, construction, and emergency events. It is used for excavation, maintenance of the sewer system, and assisting other departments with emergencies such as a trench collapse.

Project Justification

Provide justification for the project. Highlight the specific benefits that will directly result from completing the project. These details may depend on the chosen priority level and purpose. For instance, if the priority level is “Moderate” and purpose is “Service Enhancement,” describe any and all new benefits the project offers, including any cost savings or efficiencies. Additionally, state how the project will benefit community and administrative stakeholders and explain any negative impacts or potential consequences of not approving the project. This information is particularly important for projects classified as “Urgent/Compliance with Law” and

The existing Vactor is a 2015 model with over 32,162 miles and 7,324 hours logged. It is in fair condition overall. It is critical to the Sewer Department and is used to pump out sewers and manholes, as well as to excavate around areas of buried utilities to avoid damaging them. It is a high-maintenance vehicle, and its body has been patched numerous times. Metal wears thin from handling abrasive material.

If project is phased over several years indicate how many phases are complete N/A

Which phase of project is requested? N/A

Purpose of Project - check all that apply and include detail on what is being replaced or requested as new

Replace existing infrastructure

Replace existing capital asset

Replace existing vehicle

Replace existing equipment

New infrastructure

New capital asset

New vehicle

New equipment

Strategic/Comprehensive/Master Plan

Project Type - check all that apply

Land acquisition

Planning/Feasibility Study

Design

Construction

Equipment

Vehicle

Contingency

Other

Asset Type

Land

Municipal Building

School Building

Water/Sewer Infrastructure

Roadway Infrastructure

Traffic/Streetlight Infrastructure

Waterway/Beach

Recreation Trail

Bridge

Park/Playground/Athletic Field

Vehicle

Equipment

Software/Technology

Refuge/Recycling Center

Other _____

Project Community Impact

Health & Safety

Education

Aesthetics/Historic preservation

Environmental sustainability

Economic development

Cultural/Recreational opportunity

Service Improvement

Level Service Maintenance

Impact to Operating/Enterprise Budgets - explain the project's temporary and/or long-term impact on the operating budget. For example, capital construction projects can result in increased operating costs. Costs may increase during the project's duration (e.g., increased use of one building while another is demolished and reconstructed) or be longer lasting, such as new a building resulting in increased utility costs or the hiring of additional maintenance personnel.

Increase/Decrease to Personnel \$ -

Explanation

Increase/Decrease to Operating \$ -

Explanation

Additional Information

Checklist for completion

X FY2027 Project Request PDF file includes form, updated vendor memos/quote/pricing, photos.

X Save each FY2027 project request as separate PDF file (Department name/Project Name) to T Drive/Finance/CIP 27-31/Department Folder

Requested Vehicle / Equipment			
DPW Fund	FY	Department	FY First Requested
Sewer	2027	Sewer	FY25
Vehicle / Equipment Name			
Western Star 47X w. Chadwick Baross Vac Truck (Replaces Sewer No. 738, Vactor)			
Life Expectancy of New Vehicle/Equipment (Yrs.)		Quote for Replacement	Date of Quote
10		\$ 745,000	August 25, 2025
Escalation (Years)		Replacement Needed By	Months to Procure
3		2027	18
Escalation Percentage		Request Amount with Escalation	
12.5%		\$838,000	

Vehicle Being Replaced			
Vehicle / Equipment Name	Year	Miles	Hours
Vactor Sewer No. 738	2015	32,162	7,324
Condition		Maintenance Frequency	Parts Availability
Fair		Monthly	Some delay issues
Primary Function(s) - Check if Applicable			
Emergency Vehicle / Equipment	X	Frequency of Use	
Sanitation		When needed - special use	
Operations	X	Other Comments	
Construction Inspection	X	This vehicle is critical to the Sewer Department and is used to pump out sewers and manholes, as well as to excavate around areas of buried utilities to avoid damaging them. It is a high-maintenance vehicle, and its body has been patched numerous times. Metal wears thin from handling abrasive material.	
Snow & Ice	X		
Construction	X		
Other Uses (Description Below)	X		
Used for excavation, maintenance of the sewer system, and assisting other departments with emergencies such as a trench collapse.			



Tri State Truck Center LLC
An Advantage Truck Group Company

08/25/2025

Mr. Jeff Rouseau
City of Framingham
100 Western Ave.
Framingham, MA 01702

Dear Mr. Rouseau:

The budget number for a 2027 Western Star 47X with a DD13, 66,000 lb. GVW. equipped with the 900 ECO Vac by Chadwick Baross is **\$745,000.00**

- 12 Yard Debris Tank
- 1500 gallons of water
- Single Piston Water Pump, 80 Gallons per minute @ 2500 PSI
- Hydro Excavation Package
- Debris Body Pump Off
- Wireless Remote
- Special Paint?

Thank you,

Rich Coutu
Truck Sales
508-735-2835
rcoutu@advantagetruckne.com





City of Framingham 5 Year Capital Improvement Program FY2027-FY2031
Capital Project Request Form for FY2027 Projects

FY2027 Project requests must meet the definition of a Capital Project

A capital project is a major, nonrecurring expenditure that meets one or more of the following criteria:

The capital improvement is a tangible asset or project estimated to cost over \$25,000 and to have or to extend five or more years of useful life.

The community would legally be allowed to borrow for the expense under M.G.L. c. 44, § 7 and M.G.L. c.44, § 8.

The expenditure is for real property acquisitions, construction, and long-life capital equipment.

The project is for improvements to physical infrastructure (e.g., streets, sidewalks, and stormwater drains) and renovations of existing capital items that extend their useful lifespans.

The purchase or long-term capital lease is for vehicles or heavy equipment that have an expected useful life of 5 or more years.

The expenditure is to pay for the planning, engineering, or design services required for a construction or renewal project that itself qualifies as a capital expenditure.

The purchase is for bulk purchases of similar items, like software, furniture, or radios with an expected useful life of three or more years that, when aggregated, have total costs exceeding \$25,000.

Project Name Ford F550 Switch-N-Go Body Pickup w. Plow (Replaces Sewer No. 720, F550 Switch-N-Go)

Project Status Resubmission

Department Sewer

Project Lead Name Jeffrey Rousseau

Email address jrousseau@framinghamma.gov Phone 6073

Project Fiscal Year FY27 Department Priority # 2

Priority - Select the appropriate priority level based on the definitions below:

Urgent - addresses an imminent risk to the safety of the public or municipal personnel, and/or prevents the imminent destruction or collapse of public infrastructure or loss of assets.

High - necessary to ensure consistent, level service for the upcoming fiscal year. This priority type includes systems that a likely to fail, e.g., replacement of old or worn-out equipment, dramatically rehabilitate aging facilities, or facilitate a department's ability to meet increased service demands.

Moderate - either replaces assets that have outlived their useful life, enhances a benefit to the community over and above the existing level of service, results in costs savings or other efficiencies, or directly supports community's economic base by increasing property values.

Low - provides additions or improvements to services or programs having social, cultural, historic, economic, or aesthetic value, but does not require immediate approval and implementation.

Physical location/address of project/equipment

N/A

Project Status - Select the appropriate priority level based on the definitions below:

New - first time submission

Recurring - a routine project that must be completed annually or periodically, such as upgrading a pumping station's infrastructure or rehabilitating athletic fields.

Resubmission - a project was submitted in a previous year but not approved.

Revision/Upgrade to Previous Project - the scope of this project has changed or requires additional resources.

Project Financing

Estimated Project Cost –Enter the estimated cost of the project or asset. You are required to attach any quotes or other documentation to support the cost.

Amount Requested \$ 167,000

Life Expectancy - provide the number of years the asset is expected to last 10

Estimated timeframe to complete project or to receive asset - in months or years, estimate the duration of the project or the timeframe for delivery of equipment or asset. For example, if a new ambulance requires a build out and delivery time of 1 year, enter 1 year.

Estimated date for completion or delivery 9 Months

Timeframe - Additional Explanation

Proposed Funding Sources - Provide (if applicable) any potential grants, donations, or other available funds to supplement the regular financing of capital projects and assets. Attach documentation of possible grant opportunities, along with the community's funding requirements for acceptance. Describe and provide documentation for available discounts or cost reductions, such as trade in value.

Bond General Fund

Bond Enterprise Fund

Free Cash/Retained Earnings

____ CPA

____ Grant

____ Other Type of Loan

____ Other

____ Matching Requirements

Additional explanation/information related to funding source(s)

Project Description

Provide a basic description of the proposed project or equipment purchase, including:

- Location (if a building)
- Type of building
- Intended use(s)
- Whether land acquisition will be necessary (if a building)
- Discussion of primary cost drivers
- Stakeholders involved
- Narrative of qualification for specific funding source (e.g., grants, CPA)

This appropriation will fund the replacement vehicle for the existing 2006 Ford F550 with Switch-N-Go body and plow (No. 720).

Project Justification

Provide justification for the project. Highlight the specific benefits that will directly result from completing the project. These details may depend on the chosen priority level and purpose. For instance, if the priority level is “Moderate” and purpose is “Service Enhancement,” describe any and all new benefits the project offers, including any cost savings or efficiencies. Additionally, state how the project will benefit community and administrative stakeholders and explain any negative impacts or potential consequences of not approving the project. This information is particularly important for projects classified as “Urgent/Compliance with Law” and

The existing F550 is a 2006 model in poor condition, with 45,707 miles and 5,498 hours logged. It is a multi-purpose vehicle and can be adapted for use as a rodder (sewer system), a dump truck, a flat bed, and a sander. It requires frequent maintenance, including work by a third party, and some spare parts are not readily available.

If project is phased over several years indicate how many phases are complete _____ N/A

Which phase of project is requested? _____ N/A

Purpose of Project - check all that apply and include detail on what is being replaced or requested as new

____ Replace existing infrastructure _____

____ Replace existing capital asset _____

Replace existing vehicle _____

____ Replace existing equipment _____

____ New infrastructure _____

____ New capital asset _____

____ New vehicle _____

____ New equipment _____

____ Strategic/Comprehensive/Master Plan _____

Project Type - check all that apply

____ Land acquisition _____

____ Planning/Feasibility Study _____

____ Design _____

____ Construction _____

____ Equipment _____

Vehicle _____

____ Contingency _____

____ Other _____

Asset Type

____ Land

____ Municipal Building

____ School Building

____ Water/Sewer Infrastructure

Roadway Infrastructure

Traffic/Streetlight Infrastructure

Waterway/Beach

Recreation Trail

Bridge

Park/Playground/Athletic Field

Vehicle

Equipment

Software/Technology

Refuge/Recycling Center

Other _____

Project Community Impact

Health & Safety

Education

Aesthetics/Historic preservation

Environmental sustainability

Economic development

Cultural/Recreational opportunity

Service Improvement

Level Service Maintenance

Impact to Operating/Enterprise Budgets - explain the project's temporary and/or long-term impact on the operating budget. For example, capital construction projects can result in increased operating costs. Costs may increase during the project's duration (e.g., increased use of one building while another is demolished and reconstructed) or be longer lasting, such as new a building resulting in increased utility costs or the hiring of additional maintenance personnel.

Increase/Decrease to Personnel \$ -

Explanation

Increase/Decrease to Operating \$ -

Explanation

Additional Information

Checklist for completion

X FY2027 Project Request PDF file includes form, updated vendor memos/quote/pricing, photos.

X Save each FY2027 project request as separate PDF file (Department name/Project Name) to T Drive/Finance/CIP 27-31/Department Folder

Requested Vehicle / Equipment			
DPW Fund	FY	Department	FY First Requested
Sewer	2027	Sewer	FY26
Vehicle / Equipment Name		New Manufacturer	New Model
Ford F550 Switch-N-Go Body Pickup w. Plow (Replaces Sewer No. 720, F550 Switch-N-Go)		Ford	F550
Life Expectancy of New Vehicle/Equipment (Yrs.)		Quote for Replacement	Date of Quote
10		\$ 154,230	September 8, 2025
Escalation (Years)		Replacement Needed By	Months to Procure
2		2026	9
Escalation Percentage		Request Amount with Escalation	
8.2%		\$167,000	

Vehicle Being Replaced			
Vehicle / Equipment Name	Year	Miles	Hours
Ford F550 Switch-N-Go Body Plow Sewer No. 720	2006	45,707	5,498
Condition	Maintenance Frequency	Parts Availability	
Poor - not reliable	At least every two months	Some delay issues	
Primary Function(s) - Check if Applicable		Frequency of Use	
Emergency Vehicle / Equipment			
Sanitation		Other Comments	
Operations	X	Needs transmission work. Out for third-party repairs.	
Construction Inspection			
Snow & Ice	X		
Construction	X		
Other Uses (Description Below)			
Has the ability to switch bodies between rodder (sewer system), dump body, a flat bed, and a sander.			



Quote

Company/Dept:	City of Framingham - Public Works Department	Date:	September 8, 2025
Contact:	Jeff Rousseau	Quote #:	#720
Street Address:	100 Western Ave.	Revision #:	BUDGETARY
City, State, Zip:	Framingham, MA 01702	Customer ID:	
Phone:	508-532-6073	Sales Rep:	Greg Keith
E-Mail:	jrousseau@framinghamma.gov		508-954-2225
Job Description:	<u>Ford F550 Hook Loader</u>	Contract:	GBPC/BAPERN

QTY	Item #	VEHICLE LINE DESCRIPTION	UNIT PRICE	Ext Line Total
1	F5H	2026 Ford F550 XL RC 169" WB 84" CA Chassis	\$56,606.00	\$56,606.00
1	660A	Order Code 660A		
1	AT	Safety Yellow	\$660.00	\$660.00
1	AS	Medium Dark Slate, HD Vinyl 40/20/40 Bench Seat		
1	99N	7.3L V8 Gas Engine		
1	44G	10-Speed TorqShift Automatic Transmission		
1	TGM	225/70R19 Traction Tires	\$190.00	\$190.00
1	X8L	4.88 Limited Slip Axle	\$395.00	\$395.00
1	473	Snow Plow Prep Package	\$350.00	\$350.00
1	512/61J	Spare Tire, Wheel and 6-Ton Jack	\$350.00	\$350.00
1	61L	Front Wheel Well Liners	\$180.00	\$180.00
1	67B	410 Amp Dual Alternators	\$215.00	\$215.00
1	68H	Payload Upgrade Package 19,550# GVWR	\$1,155.00	\$1,155.00
1	76C	Exterior Backup Alarm	\$230.00	\$230.00
1	86M	Dual Batteries		
1	872	Rear View Camera and Prep Kit	\$515.00	\$515.00
1	18B	Platform Running Boards	\$320.00	\$320.00
1	96V	XL Chrome Package	\$425.00	\$425.00
1	43C	120V/400W Outlet	\$225.00	\$225.00
1	52B	Integrated Trailer Brake Controller	\$300.00	\$300.00
			Vehicle Total:	\$62,116.00
QTY	Item #	EQUIPMENT LINE DESCRIPTION	UNIT PRICE	Ext Line Total
1		Vent Visor Rain Guards	\$95.00	\$95.00
1		Weathertech Floor Liners	\$146.00	\$146.00
1		Remount OEM Supplied Backup Camera	\$310.00	\$310.00
1		Undercoat 1-Ton Truck	\$1,860.00	\$1,860.00
1		Stellar 84-10FLEX Hook Loader for Containers up to 12' - 8-Ton Capacity - 36" Hook Height	\$29,650.00	\$29,650.00
1		Central Hydraulic System for Hook Loader Operation	\$10,333.00	\$10,333.00

1		Stainless Steel Boxes with LED STT/BU & Amber Flashers	\$2,041.00	\$2,041.00
3		36" Hook Height Skid for Customer Installation of Existing Sander and Bodies	\$4,030.00	\$12,090.00
1	TRI38POLY	Poly Sheet for Spreader Installation to Skid	\$872.00	\$872.00
1		1/2" Plate Mounted Combo Hook, D-Rings & Light Plug	\$1,105.63	\$1,105.63
1		Manual Loadcover	\$608.10	\$608.10
1		Poly Rear Fenders	\$1,271.48	\$1,271.48
1		2" x 8" Oak Side Boards (1 Pair)	\$627.00	\$627.00
2		30" Stainless Steel Underbody Toolbox	\$1,111.00	\$2,222.00
1	ENNLB0125V-35W	SoundOff Signal 54" NXT Lightbar with Front Takedowns, Alley Lights and Rear S/T/T	\$2,800.00	\$2,800.00
2	EMPSA05C1-A	Sound Off 4" Amber LED Flashers in Grill	\$250.00	\$500.00
4	EMPSA05BSA	Sound Off 4" Amber LED Flashers ON Front and Sides of Cabshield	\$250.00	\$1,000.00
2	ED3060AW	ECCO LED STT/BU/AMBER FLASHER IN REAR CORNER POSTS	\$175.00	\$350.00
1	SS	Shop Supplies	\$225.00	\$225.00
1		9' Boss Trip Edge Plow	\$10,422.00	\$10,422.00
Contract Equipment Total:				\$78,528.21
QTY	Item #	NON-CONTRACT EQUIPMENT LINE DESCRIPTION	UNIT PRICE	Ext Line Total
1	Delivery	Deliver Truck to Framingham, MA	\$74.00	\$74.00
1		Potential 10% 2027 Model Year Increase	\$5,660.00	\$5,660.00
1		Potential 10% Equipment Increase	\$7,852.00	\$7,852.00
		FORD FACTORY VEHICLE WARRANTY:		
		3 YEARS/36,000 MILES BUMPER TO BUMPER		
		5 YEARS/60,000 MILES POWERTRAIN		
		5 YEARS/UNLIMITED MILES CORROSION		
		5 YEARS/60,000 MILES ROADSIDE ASSISTANCE		
Non-Contract Equipment Total:				\$13,586.00
Vehicle and Equipment Total:				\$154,230.21
Vehicle Quantity:				1
Sub total:				\$154,230.21
Trade Description	Trade VIN	Trade Miles	Trade Value	
Trade Vehicle/s Total:				\$0.00
Quote Grand Total:				\$154,230.21

TERMS AND CONDITIONS

*Custom or Special Orders are Non-Refundable
 This Quote is for Budgetary Purposes and is Not a Guarantee of Cost for Services
 Quote is Based on Current Information From Client About the Project Requirements
 Actual Cost May Change Once Project Elements are Finalized
 Trade value is subject to change based on time, mileage and condition of vehicle at turn-in*

ORDER ACKNOWLEDGEMENT

By signing this document you are agreeing to the above terms and conditions of this order from McGovern MHQ, Inc.

x

PRINT NAME

x

TITLE

x

SIGNATURE





RECOMMEND

City of Framingham 5 Year Capital Improvement Program FY2027-FY2031
Capital Project Request Form for FY2027 Projects

FY2027 Project requests must meet the definition of a Capital Project

A capital project is a major, nonrecurring expenditure that meets one or more of the following criteria:

The capital improvement is a tangible asset or project estimated to cost over \$25,000 and to have or to extend five or more years of useful life.

The community would legally be allowed to borrow for the expense under M.G.L. c. 44, § 7 and M.G.L. c.44, § 8.

The expenditure is for real property acquisitions, construction, and long-life capital equipment.

The project is for improvements to physical infrastructure (e.g., streets, sidewalks, and stormwater drains) and renovations of existing capital items that extend their useful lifespans.

The purchase or long-term capital lease is for vehicles or heavy equipment that have an expected useful life of 5 or more years.

The expenditure is to pay for the planning, engineering, or design services required for a construction or renewal project that itself qualifies as a capital expenditure.

The purchase is for bulk purchases of similar items, like software, furniture, or radios with an expected useful life of three or more years that, when aggregated, have total costs exceeding \$25,000.

Project Name Sewer Collection System Improvements & Repairs - FY27

Project Status Recurring

Department Sewer

Project Lead Name Stephen Leone

Email address sjl@framinghamma.gov Phone 6061

Project Fiscal Year 2027 Department Priority # 3

Priority - Select the appropriate priority level based on the definitions below:

Urgent - addresses an imminent risk to the safety of the public or municipal personnel, and/or prevents the imminent destruction or collapse of public infrastructure or loss of assets.

High - necessary to ensure consistent, level service for the upcoming fiscal year. This priority type includes systems that a likely to fail, e.g., replacement of old or worn-out equipment, dramatically rehabilitate aging facilities, or facilitate a department's ability to meet increased service demands.

Moderate - either replaces assets that have outlived their useful life, enhances a benefit to the community over and above the existing level of service, results in costs savings or other efficiencies, or directly supports community's economic base by increasing property values.

Low - provides additions or improvements to services or programs having social, cultural, historic, economic, or aesthetic value, but does not require immediate approval and implementation.

Physical location/address of project/equipment

0

Project Status - Select the appropriate priority level based on the definitions below:

New - first time submission

Recurring - a routine project that must be completed annually or periodically, such as upgrading a pumping station's infrastructure or rehabilitating athletic fields.

Resubmission - a project was submitted in a previous year but not approved.

Revision/Upgrade to Previous Project - the scope of this project has changed or requires additional resources.

Project Financing

Estimated Project Cost –Enter the estimated cost of the project or asset. You are required to attach any quotes or other documentation to support the cost.

Amount Requested \$ 800,000

Life Expectancy - provide the number of years the asset is expected to last 50

Estimated timeframe to complete project or to receive asset - in months or years, estimate the duration of the project or the timeframe for delivery of equipment or asset. For example, if a new ambulance requires a build out and delivery time of 1 year, enter 1 year.

Estimated date for completion or delivery 24 Months

Timeframe - Additional Explanation

Proposed Funding Sources - Provide (if applicable) any potential grants, donations, or other available funds to supplement the regular financing of capital projects and assets. Attach documentation of possible grant opportunities, along with the community's funding requirements for acceptance. Describe and provide documentation for available discounts or cost reductions, such as trade in value.

Bond General Fund

Bond Enterprise Fund

Free Cash/Retained Earnings

CPA

Grant

Other Type of Loan

Other

Matching Requirements

Additional explanation/information related to funding source(s)

Candidate for MWRA Funding

Project Description

Provide a basic description of the proposed project or equipment purchase, including:

- Location (if a building)
- Type of building
- Intended use(s)
- Whether land acquisition will be necessary (if a building)
- Discussion of primary cost drivers
- Stakeholders involved
- Narrative of qualification for specific funding source (e.g., grants, CPA)

During daily infrastructure inspections, operators use robotic cameras to perform CCTV inspection of the City's sewer system to identify defects in the collection system. Common sewer collection system defects include holes, cracks, sags, offset joints, tree roots, and frequent blockages, which lead to more significant failures if not addressed. This appropriation will provide funds for repair and replacement to correct larger-scale defects of the City's sewer collection system. The work includes but is not necessarily limited to: removing existing sewer mains and replacement with new pipe, lining sewer pipe, repairing or replacing sewer manholes, repairing or replacing existing sewer force mains, repairing or replacing sewer siphons, and all other associated work to eliminate identified sewer defects. These repairs may require designing, planning, procuring, and constructing with in-house staff or sometimes with the services of a contractor or consultant. This appropriation will be utilized to address identified, prioritized defects as well as emergent defects that develop and require immediate attention.

Project Justification

Provide justification for the project. Highlight the specific benefits that will directly result from completing the project. These details may depend on the chosen priority level and purpose. For instance, if the priority level is "Moderate" and purpose is "Service Enhancement," describe any and all new benefits the project offers, including any cost savings or efficiencies. Additionally, state how the project will benefit community and administrative stakeholders and explain any negative impacts or potential consequences of not approving the project. This information is particularly important for projects classified as "Urgent/Compliance with Law" and

Sewer Collection System Improvements & Repairs are necessary for continued compliance with sewer regulations, to ensure continued sewer service to ratepayers, to address emergency repairs, and to reduce and delay the need for major costly capital investments. Removal of defects from the sewer system decreases risks of future failures, sewer backups, and property damage. Addressing sewer defects in the City's system reduces inflow and infiltration (I&I) - which impacts sewer capacity, improves system reliability, reduces maintenance costs and demands on DPW resources, and reduces wear and tear on the city's infrastructure. Elimination of infiltration and inflow also leads to reduced cost to the city for wastewater transportation and treatment by decreasing unnecessary flows to the MWRA of non-sewer flows through the sewer system.

If project is phased over several years indicate how many phases are complete _____ 1 _____

Which phase of project is requested? _____ 1 _____

Purpose of Project - check all that apply and include detail on what is being replaced or requested as new

Replace existing infrastructure _____

Replace existing capital asset _____

Replace existing vehicle _____

Replace existing equipment _____

New infrastructure _____

New capital asset _____

New vehicle _____

New equipment _____

Strategic/Comprehensive/Master Plan _____

Project Type - check all that apply

Land acquisition _____

Planning/Feasibility Study _____

Design _____

Construction _____

Equipment _____

Vehicle _____

Contingency _____

Other _____

Asset Type

Land

Municipal Building

School Building

Water/Sewer Infrastructure

Roadway Infrastructure

Traffic/Streetlight Infrastructure

Waterway/Beach

Recreation Trail

Bridge

Park/Playground/Athletic Field

Vehicle

Equipment

Software/Technology

Refuge/Recycling Center

Other _____

Project Community Impact

Health & Safety

Education

Aesthetics/Historic preservation

Environmental sustainability

Economic development

Cultural/Recreational opportunity

Service Improvement

Level Service Maintenance

Impact to Operating/Enterprise Budgets - explain the project's temporary and/or long-term impact on the operating budget. For example, capital construction projects can result in increased operating costs. Costs may increase during the project's duration (e.g., increased use of one building while another is demolished and reconstructed) or be longer lasting, such as new a building resulting in increased utility costs or the hiring of additional maintenance personnel.

Increase/Decrease to Personnel \$ -

Explanation

Increase/Decrease to Operating \$ -

Explanation

Additional Information

Checklist for completion

X FY2027 Project Request PDF file includes form, updated vendor memos/quote/pricing, photos.

X Save each FY2027 project request as separate PDF file (Department name/Project Name) to T Drive/Finance/CIP 27-31/Department Folder



CITY OF FRAMINGHAM

DEPARTMENT OF PUBLIC WORKS | OPERATIONS

OPERATIONS CENTER
100 Western Avenue
Framingham, MA 01702

508-532-6060
wastewater@framinghamma.gov
www.framinghamma.gov

MEMORANDUM

DATE: 8/20/2025

TO: Steve Leone
Director of Water and Wastewater

FROM: Brian McCarthy
Wastewater Operations Manager

RE: **FY2027 Sewer Collection System Improvements and Repairs**

In 2025 Wastewater staff continued to conduct routine daily inspections of sewer collection system infrastructure. The Division utilizes a closed-circuit television video (CCTV) inspection method with a robotic camera to capture video and photographic footage of underground sewer pipes. This investigative technology enables the City to locate sewer system defects. The work includes but is not necessarily limited to: removing existing sewer mains and replacement with new pipe, lining sewer pipe, repairing or replacing sewer manholes, repairing or replacing existing sewer force mains, repairing or replacing sewer siphons, and all other associated work to eliminate identified sewer defects. The following summarizes the Division's top priorities for work to be performed.

Identified defects to be addressed with FY2027 funding if approved:

- Murray road 225' 6" Vitrified clay from 1927
- Lohnes road 242' 8" Vitrified clay from 1956
- Donna road 325' 8" Vitrified clay from 1956
- Summer lane 230' 8" Vitrified Clay from 1954
- Sloane drive 300' 8" Asbestos from 1959
- Berkley road 355' 8" Asbestos from 1958

Please Note: Anticipated priorities listed above are subject to change.

We are requesting funding in the sum of **\$800,000 for FY2027 Sewer Collection System Improvements and Repairs** to address these defects and any emergent defect repairs that are required, that have yet to be identified. These repairs may require designing, planning, procuring, and constructing with in house staff or sometimes with the services of a contractor or consultant. Common sewer collection system defects include holes, cracks, sags, offset joints, tree roots, and frequent blockages, which lead to more significant failures if not addressed.

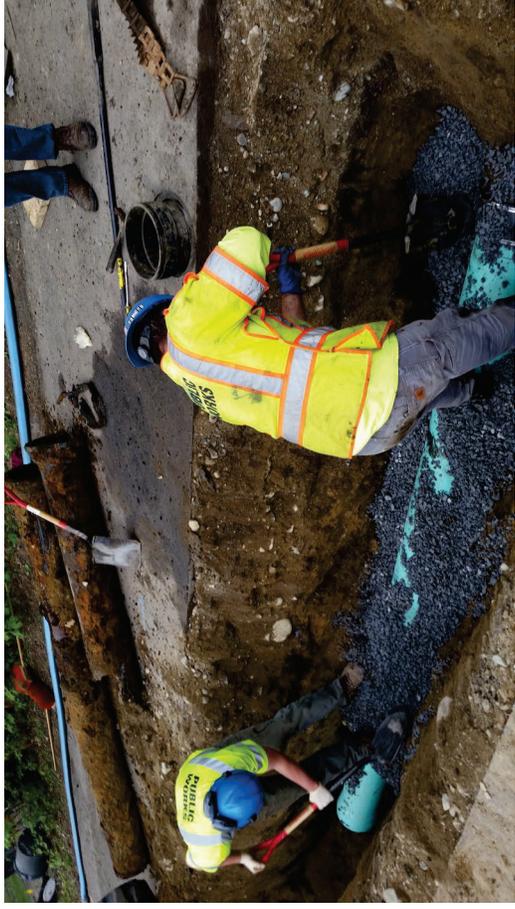
FY2027 Sewer Collection System Improvements and Repairs



Removing aged, broken and defective sewer mains



Replacing manhole frames, covers, and risers



Installing new sewer mains



Installing new manholes

RECOMMEND

City of Framingham 5 Year Capital Improvement Program FY2027-FY2031
Capital Project Request Form for FY2027 Projects

FY2027 Project requests must meet the definition of a Capital Project

A capital project is a major, nonrecurring expenditure that meets one or more of the following criteria:

The capital improvement is a tangible asset or project estimated to cost over \$25,000 and to have or to extend five or more years of useful life.

The community would legally be allowed to borrow for the expense under M.G.L. c. 44, § 7 and M.G.L. c.44, § 8.

The expenditure is for real property acquisitions, construction, and long-life capital equipment.

The project is for improvements to physical infrastructure (e.g., streets, sidewalks, and stormwater drains) and renovations of existing capital items that extend their useful lifespans.

The purchase or long-term capital lease is for vehicles or heavy equipment that have an expected useful life of 5 or more years.

The expenditure is to pay for the planning, engineering, or design services required for a construction or renewal project that itself qualifies as a capital expenditure.

The purchase is for bulk purchases of similar items, like software, furniture, or radios with an expected useful life of three or more years that, when aggregated, have total costs exceeding \$25,000.

Project Name Hybrid Ford Explorer (Replaces Sewer No. 7, Ford Explorer)

Project Status New

Department Sewer

Project Lead Name Jeffrey Rousseau

Email address jrousseau@framinghamma.gov Phone 6073

Project Fiscal Year FY27 Department Priority # 4

Priority - Select the appropriate priority level based on the definitions below:

Urgent - addresses an imminent risk to the safety of the public or municipal personnel, and/or prevents the imminent destruction or collapse of public infrastructure or loss of assets.

High - necessary to ensure consistent, level service for the upcoming fiscal year. This priority type includes systems that a likely to fail, e.g., replacement of old or worn-out equipment, dramatically rehabilitate aging facilities, or facilitate a department's ability to meet increased service demands.

Moderate - either replaces assets that have outlived their useful life, enhances a benefit to the community over and above the existing level of service, results in costs savings or other efficiencies, or directly supports community's economic base by increasing property values.

Low - provides additions or improvements to services or programs having social, cultural, historic, economic, or aesthetic value, but does not require immediate approval and implementation.

Physical location/address of project/equipment

N/A

Project Status - Select the appropriate priority level based on the definitions below:

New - first time submission

Recurring - a routine project that must be completed annually or periodically, such as upgrading a pumping station's infrastructure or rehabilitating athletic fields.

Resubmission - a project was submitted in a previous year but not approved.

Revision/Upgrade to Previous Project - the scope of this project has changed or requires additional resources.

Project Financing

Estimated Project Cost –Enter the estimated cost of the project or asset. You are required to attach any quotes or other documentation to support the cost.

Amount Requested \$ 48,000

Life Expectancy - provide the number of years the asset is expected to last 12

Estimated timeframe to complete project or to receive asset - in months or years, estimate the duration of the project or the timeframe for delivery of equipment or asset. For example, if a new ambulance requires a build out and delivery time of 1 year, enter 1 year.

Estimated date for completion or delivery 12 Months

Timeframe - Additional Explanation

Based on most recent experience

Proposed Funding Sources - Provide (if applicable) any potential grants, donations, or other available funds to supplement the regular financing of capital projects and assets. Attach documentation of possible grant opportunities, along with the community's funding requirements for acceptance. Describe and provide documentation for available discounts or cost reductions, such as trade in value.

Bond General Fund

Bond Enterprise Fund

Free Cash/Retained Earnings

____ CPA

____ Grant

____ Other Type of Loan

____ Other

____ Matching Requirements

Additional explanation/information related to funding source(s)

Project Description

Provide a basic description of the proposed project or equipment purchase, including:

- Location (if a building)
- Type of building
- Intended use(s)
- Whether land acquisition will be necessary (if a building)
- Discussion of primary cost drivers
- Stakeholders involved
- Narrative of qualification for specific funding source (e.g., grants, CPA)

This appropriation will fund the replacement of a 2014 Ford Explorer (No. 7)

Project Justification

Provide justification for the project. Highlight the specific benefits that will directly result from completing the project. These details may depend on the chosen priority level and purpose. For instance, if the priority level is “Moderate” and purpose is “Service Enhancement,” describe any and all new benefits the project offers, including any cost savings or efficiencies. Additionally, state how the project will benefit community and administrative stakeholders and explain any negative impacts or potential consequences of not approving the project. This information is particularly important for projects classified as “Urgent/Compliance with Law” and

This vehicle is used in all aspects of sewer enterprise management. The existing Explorer is a 2014 model with 148,659 miles logged and is in fair condition.

If project is phased over several years indicate how many phases are complete N/A

Which phase of project is requested? N/A

Purpose of Project - check all that apply and include detail on what is being replaced or requested as new

Replace existing infrastructure

Replace existing capital asset

Replace existing vehicle

Replace existing equipment

New infrastructure

New capital asset

New vehicle

New equipment

Strategic/Comprehensive/Master Plan

Project Type - check all that apply

Land acquisition

Planning/Feasibility Study

Design

Construction

Equipment

Vehicle

Contingency

Other

Asset Type

Land

Municipal Building

School Building

Water/Sewer Infrastructure

Roadway Infrastructure

Traffic/Streetlight Infrastructure

Waterway/Beach

Recreation Trail

Bridge

Park/Playground/Athletic Field

Vehicle

Equipment

Software/Technology

Refuge/Recycling Center

Other _____

Project Community Impact

Health & Safety

Education

Aesthetics/Historic preservation

Environmental sustainability

Economic development

Cultural/Recreational opportunity

Service Improvement

Level Service Maintenance

Impact to Operating/Enterprise Budgets - explain the project's temporary and/or long-term impact on the operating budget. For example, capital construction projects can result in increased operating costs. Costs may increase during the project's duration (e.g., increased use of one building while another is demolished and reconstructed) or be longer lasting, such as new a building resulting in increased utility costs or the hiring of additional maintenance personnel.

Increase/Decrease to Personnel \$ -

Explanation

Increase/Decrease to Operating \$ -

Explanation

Additional Information

Checklist for completion

X FY2027 Project Request PDF file includes form, updated vendor memos/quote/pricing, photos.

X Save each FY2027 project request as separate PDF file (Department name/Project Name) to T Drive/Finance/CIP 27-31/Department Folder

Requested Vehicle / Equipment			
DPW Fund Sewer	FY 2027	Department Sewer	FY First Requested
Vehicle / Equipment Name		New Manufacturer	New Model
Hybrid Ford Explorer (Replaces Sewer No. 7, Ford Explorer)		Ford	Explorer
Life Expectancy of New Vehicle/Equipment (Yrs.)		Quote for Replacement \$ 43,997	Date of Quote September 4, 2025
12		Replacement Needed By 2027	Months to Procure 12
Escalation (Years)		Request Amount with Escalation	
2		\$48,000	
Escalation Percentage		8.2%	

Vehicle Being Replaced			
Vehicle / Equipment Name	Year	Miles	Hours
Ford Explorer Sewer No.7	2014	148,659	
Condition		Maintenance Frequency	Parts Availability
Fair		At least every two months	Readily available
Primary Function(s) - Check if Applicable		Frequency of Use	
Emergency Vehicle / Equipment	X	Daily	
Sanitation		Other Comments	
Operations	X	High mileage constant use	
Construction Inspection	X		
Snow & Ice			
Construction	X		
Other Uses (Description Below)			
Supervisory vehicle used in all aspects of Enterprise management.			



Quote

Company/Dept: City of Framingham - Public Works Department
 Contact: Jeff Rousseau
 Street Address: 100 Western Ave.
 City, State, Zip: Framingham, MA 01702
 Phone: 508-532-6073
 E-Mail: jrousseau@framinghamma.gov
 Job Description:

Date: September 4, 2025
 Quote #:
 Revision #:
 Customer ID:
 Sales Rep: Greg Keith
 508-954-2225
 Contract: MAPC
gkeith@mcgovernauto.com

QTY	Item #	VEHICLE LINE DESCRIPTION	UNIT PRICE	Ext Line Total
1	K8D	2026 Ford Explorer Active 4WD	\$39,936.00	\$39,936.00
1	200A	Equipment group 200A - Standard Package	\$2,120.00	\$2,056.40
1	M7	Carbonized Gray metallic		
1	8H	Dark Space Gray cloth heated captain's chairs		
1	99H	2.3L EcoBoost I-4 gasoline engine		
1	44T	10-speed automatic transmission		
1	16A	Front and second row floor liners	\$160.00	\$155.20
1	76U	18" spare tire, wheel and jack kit	\$400.00	\$388.00
1	942	Daytime running lamps	\$45.00	\$43.65
1		Splash guards	\$230.00	\$223.10

Vehicle Total: \$42,802.35

QTY	Item #	EQUIPMENT LINE DESCRIPTION	UNIT PRICE	Ext Line Total
1	94332	AVS Rain Guard/Vent Visors - 4 Doors	\$121.00	\$121.00
2	TLIA	Whelen amber led flashers in grill	\$250.00	\$500.00
2	TLIA	Whelen amber led flashers on rear gate	\$250.00	\$500.00

Contract Equipment Total: \$1,121.00

QTY	Item #	NON-CONTRACT EQUIPMENT LINE DESCRIPTION	UNIT PRICE	Ext Line Total
1	Delivery	Deliver vehicle to Framingham DPW garage	\$74.00	\$74.00
		Factory Warranty		
		3 Years/ 36,000 Miles Bumper to Bumper		
		5 Years/ 60,000 Miles Drivetrain		
		5 Years/ Unlimited Miles Corrosion		
		5 Years/ 60,000 Miles Roadside Assistance		

Non-Contract Equipment Total: \$74.00

Vehicle and Equipment Total: \$43,997.35

Vehicle Quantity:			1
Sub total:			\$43,997.35
Trade Description	Trade VIN	Trade Miles	Trade Value
Trade Vehicle/s Total:			\$0.00
Quote Grand Total:			\$43,997.35

TERMS AND CONDITIONS

*Custom or Special Orders are Non-Refundable
 This Quote is for Budgetary Purposes and is Not a Guarantee of Cost for Services
 Quote is Based on Current Information From Client About the Project Requirements
 Actual Cost May Change Once Project Elements are Finalized
 Trade value is subject to change based on time, mileage and condition of vehicle at turn-in*

ORDER ACKNOWLEDGEMENT

By signing this document you are agreeing to the above terms and conditions of this order from McGovern MHQ, Inc.

x _____

PRINT NAME

x _____

TITLE

x _____

SIGNATURE



RECOMMEND

City of Framingham 5 Year Capital Improvement Program FY2027-FY2031
Capital Project Request Form for FY2027 Projects

FY2027 Project requests must meet the definition of a Capital Project

A capital project is a major, nonrecurring expenditure that meets one or more of the following criteria:

The capital improvement is a tangible asset or project estimated to cost over \$25,000 and to have or to extend five or more years of useful life.

The community would legally be allowed to borrow for the expense under M.G.L. c. 44, § 7 and M.G.L. c.44, § 8.

The expenditure is for real property acquisitions, construction, and long-life capital equipment.

The project is for improvements to physical infrastructure (e.g., streets, sidewalks, and stormwater drains) and renovations of existing capital items that extend their useful lifespans.

The purchase or long-term capital lease is for vehicles or heavy equipment that have an expected useful life of 5 or more years.

The expenditure is to pay for the planning, engineering, or design services required for a construction or renewal project that itself qualifies as a capital expenditure.

The purchase is for bulk purchases of similar items, like software, furniture, or radios with an expected useful life of three or more years that, when aggregated, have total costs exceeding \$25,000.

Project Name Maynard Road Sewer Improvements

Project Status New

Department Sewer

Project Lead Name Stephen Leone

Email address sjl@framinghamma.gov Phone 6061

Project Fiscal Year 2027 Department Priority # 5

Priority - Select the appropriate priority level based on the definitions below:

Urgent - addresses an imminent risk to the safety of the public or municipal personnel, and/or prevents the imminent destruction or collapse of public infrastructure or loss of assets.

High - necessary to ensure consistent, level service for the upcoming fiscal year. This priority type includes systems that a likely to fail, e.g., replacement of old or worn-out equipment, dramatically rehabilitate aging facilities, or facilitate a department's ability to meet increased service demands.

Moderate - either replaces assets that have outlived their useful life, enhances a benefit to the community over and above the existing level of service, results in costs savings or other efficiencies, or directly supports community's economic base by increasing property values.

Low - provides additions or improvements to services or programs having social, cultural, historic, economic, or aesthetic value, but does not require immediate approval and implementation.

Physical location/address of project/equipment

0

Project Status - Select the appropriate priority level based on the definitions below:

New - first time submission

Recurring - a routine project that must be completed annually or periodically, such as upgrading a pumping station's infrastructure or rehabilitating athletic fields.

Resubmission - a project was submitted in a previous year but not approved.

Revision/Upgrade to Previous Project - the scope of this project has changed or requires additional resources.

Project Financing

Estimated Project Cost –Enter the estimated cost of the project or asset. You are required to attach any quotes or other documentation to support the cost.

Amount Requested \$ 900,000

Life Expectancy - provide the number of years the asset is expected to last 50

Estimated timeframe to complete project or to receive asset - in months or years, estimate the duration of the project or the timeframe for delivery of equipment or asset. For example, if a new ambulance requires a build out and delivery time of 1 year, enter 1 year.

Estimated date for completion or delivery 12 Months

Timeframe - Additional Explanation

Proposed Funding Sources - Provide (if applicable) any potential grants, donations, or other available funds to supplement the regular financing of capital projects and assets. Attach documentation of possible grant opportunities, along with the community's funding requirements for acceptance. Describe and provide documentation for available discounts or cost reductions, such as trade in value.

Bond General Fund

Bond Enterprise Fund

Free Cash/Retained Earnings

____ CPA

____ Grant

____ Other Type of Loan

____ Other

____ Matching Requirements

Additional explanation/information related to funding source(s)

Project Description

Provide a basic description of the proposed project or equipment purchase, including:

- Location (if a building)
- Type of building
- Intended use(s)
- Whether land acquisition will be necessary (if a building)
- Discussion of primary cost drivers
- Stakeholders involved
- Narrative of qualification for specific funding source (e.g., grants, CPA)

This appropriation will provide funds for the replacement of undersized sewer mains from 1926 and the rehabilitation of properly sized sewer mains from 1926. It will also fund manhole rehabilitation and new castings for the manholes on Maynard Road. Engineering of new invert heights and pipe size, determination of replacement versus rehabilitation, as well as as-built drawings by a consultant will be funded out of this appropriation.

Project Justification

Provide justification for the project. Highlight the specific benefits that will directly result from completing the project. These details may depend on the chosen priority level and purpose. For instance, if the priority level is “Moderate” and purpose is “Service Enhancement,” describe any and all new benefits the project offers, including any cost savings or efficiencies. Additionally, state how the project will benefit community and administrative stakeholders and explain any negative impacts or potential consequences of not approving the project. This information is particularly important for projects classified as “Urgent/Compliance with Law” and

The water main will be replaced on Maynard Road which is one of the oldest water mains remaining in Framingham's water system. Due to the age and sub-standard size of the sewer mains along Maynard Road, it is advantageous to perform the sewer work at the same time and incorporate the neighborhood disruption and final paving restoration all together.

If project is phased over several years indicate how many phases are complete 1

Which phase of project is requested? 1

Purpose of Project - check all that apply and include detail on what is being replaced or requested as new

Replace existing infrastructure

Replace existing capital asset

Replace existing vehicle

Replace existing equipment

New infrastructure

New capital asset

New vehicle

New equipment

Strategic/Comprehensive/Master Plan

Project Type - check all that apply

Land acquisition

Planning/Feasibility Study

Design

Construction

Equipment

Vehicle

Contingency

Other

Asset Type

Land

Municipal Building

School Building

Water/Sewer Infrastructure

Roadway Infrastructure

Traffic/Streetlight Infrastructure

Waterway/Beach

Recreation Trail

Bridge

Park/Playground/Athletic Field

Vehicle

Equipment

Software/Technology

Refuge/Recycling Center

Other _____

Project Community Impact

Health & Safety

Education

Aesthetics/Historic preservation

Environmental sustainability

Economic development

Cultural/Recreational opportunity

Service Improvement

Level Service Maintenance



CITY OF FRAMINGHAM

DEPARTMENT OF PUBLIC WORKS | OPERATIONS

OPERATIONS CENTER
100 Western Avenue
Framingham, MA 01702

508-532-6050
water@framinghamma.gov
www.framinghamma.gov

MEMORANDUM

DATE: 8/10/2025

TO: Robert Lewis
Director Department of Public Works

FROM: Steve Leone
Director Water & Wastewater

RE: Maynard Road Water and Sewer Improvements

Maynard Road Water main dates back to 1888, the oldest currently remaining in the City. The Maynard Road sewer main dates back to 1926. They are both undersized 6-inch diameter mains. Due to the age and size, it is recommended to replace the water main and appurtenances the entire length of Maynard Road from State Street to Grove Street. The size will be increased to a 12-inch diameter main between Worcester Road (Route 9) and State Street completing a 12-inch loop and providing more available flow with the increase in development at Framingham State University. Between Route 9 and Grove Street the water main will be increased to an 8-inch diameter main.

The sewer mains will be evaluated. The 6-inch diameter sewer mains will be replaced with an 8-inch diameter sewer main and the rest of the sewer will be evaluated through CCTV and determined if it can be lined or needs replacement. Manholes will also be evaluated to see if they can be lined or replacement is needed.

This funding request will also include the replacement of water mains on Adams Road and Salem End Road between Maynard Road and State Street. Sewer main will be evaluated on Adams Road to determine replacement or rehabilitation liner. The funding request for the **Maynard Road Water Improvements is \$3,480,000**, including \$131,720 for water engineering (see engineering quote attached) and for the **Maynard Road Sewer is \$900,000**, including \$197,600 for sewer. Both requests include a 20% contingency.



September 4, 2025

Mr. Stephen Leone
Water and Wastewater Director
Department of Public Works
100 Western Avenue
Framingham, MA 01702

RE: Framingham: Capital Project Planning
Maynard Road Water and Sewer Improvements
Cost Estimate

Dear Mr. Leone,

As requested, Apex has developed a cost estimate for Engineering Services for this project. The detailed cost estimate is attached, and assumes design in 2026 and construction in 2027. Apex understands that construction will be performed by the City's on-call Contractor.

Engineering services included in the cost estimate includes MassDOT permitting, sewer condition assessment and hydraulic analysis, limited sewer replacement design, resident engineering and compaction testing for work with the State Highway Layout, and development of as-builts and service tie cards. The total project funding needed for engineering services is currently estimated at \$329,320. Approximately 40% of this cost is water main replacement (\$131,720), and approximately 60% of this cost is sewer work (\$197,600). The total project funding needed for engineering services is currently estimated at \$329,320.

Water Improvements Engineering Services:	\$131,720
Sewer Improvements Engineering Services:	\$197,600
Maynard Road Improvements Engineering Services Recommended Budget:	\$329,320

Please feel free to contact me if you have any questions or would like to discuss this project further.

Sincerely,

A handwritten signature in blue ink that reads 'Ryan Allgrove'.

Apex Companies, LLC
Ryan J. Allgrove, P.E.
Principal
O: 617.657.0281
E: ryan.allgrove@apexcos.com

Maynard Road Utility Improvements
 Engineering Services
 September 2025

Project Principal (Hours)	Senior Engineer (Hours)	Engineer (Hours)	Intern (Hours)	Engineer (Hours)	Project Manager (Hours)	Traffic Proj. Man. (Hours)	Traffic Sr. Proj. Man. (Hours)	Direct Expenses (\$)
R. Allgrove	S. Castaneda	L. Howe-Januzzi	Technician	R. Kloiber	B. Mangan	J Davis	Jim F	

Task 1 - Design & Permitting

1	Project Management / Meetings	8	8	8			8	\$300.00	Travel-Mileage
2	Survey		4	12			4	\$60,000.00	Survey Sub
3	Worcester Road Crossing Design	2	16	24	8		12		
4	TMPs					60	4		
5	MassDOT Permit	1	12	24			4		30 16
6	Surface Manhole Inspections (40)		4	8			2	\$5,000.00	MH Inspection Sub
7	Review CCTV		4	16			4		
8	Hydraulic Analysis and Memo	1	12	32	16		8		
9	Sewer Condition Assessment Memo	1	12		8		8		
10	Sewer Replacement Plan/Profiles (800 LF)	2	16	40	40		8		
11	Technical Specifications	1	8	12			4		
12	QA/QC and cleanup	6	8	8	8		4		

Subtotal Hours	22	104	184	80	60	70	30	16	
Hourly Rate	\$295	\$220	\$190	\$120	\$122	\$248	\$206	\$270	
Total Labor	\$6,490	\$22,880	\$34,960	\$9,600	\$7,320	\$17,360	\$6,180	\$4,320	
Direct Expenses									\$65,300.00

Subtotal Task 1 \$ 177,620

Task 2 - Construction Phase Services

1	Coordination	4	16	8		8	8		\$200.00	Travel-Mileage
2	Compaction Testing								\$10,000.00	Materials Testing / Lab - 5
3	Resident Engineering			150					\$750.00	Travel-Mileage

Subtotal Hours	4	16	158	0	8	8	0	0	
Hourly Rate	\$295	\$220	\$190	\$120	\$185	\$248	\$260	\$270	
Total Labor	\$1,180	\$3,520	\$30,020	\$0	\$1,480	\$1,984	\$0	\$0	
Direct Expenses									\$10,950.00

Subtotal Task 2 \$ 49,600

Task 3 - As-Builts & Tie Cards

1	As-Builts Field Work		16	16					\$200.00	Travel-Mileage
2	As-Builts (5,300 LF)		4	40	120		8		\$250.00	Printing
3	Tie Cards (50)		4	16	100		8			
4	QA/QC	8								

Subtotal Hours	8	24	72	220	0	16	0	0	
Hourly Rate	\$295	\$220	\$190	\$120	\$185	\$248	\$260	\$270	
Total Labor	\$2,360	\$5,280	\$13,680	\$26,400	\$0	\$3,968	\$0	\$0	
Direct Expenses									\$450.00

Subtotal Task 3 \$ 52,200

Resident engineering based on 1 FTE for 3 weeks.

1x50x3 = 150 hours
 50 hrs/week

Task 1 \$ 177,620
 Task2 \$ 49,600
 Task 3 \$ 52,200
 Total: \$ 279,420



Maynard Road Water and Sewer Improvements Project FY2027 Capital Improvement Plan



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

City of Framingham 5 Year Capital Improvement Program FY2027-FY2031
Capital Project Request Form for FY2027 Projects

FY2027 Project requests must meet the definition of a Capital Project

A capital project is a major, nonrecurring expenditure that meets one or more of the following criteria:

The capital improvement is a tangible asset or project estimated to cost over \$25,000 and to have or to extend five or more years of useful life.

The community would legally be allowed to borrow for the expense under M.G.L. c. 44, § 7 and M.G.L. c.44, § 8.

The expenditure is for real property acquisitions, construction, and long-life capital equipment.

The project is for improvements to physical infrastructure (e.g., streets, sidewalks, and stormwater drains) and renovations of existing capital items that extend their useful lifespans.

The purchase or long-term capital lease is for vehicles or heavy equipment that have an expected useful life of 5 or more years.

The expenditure is to pay for the planning, engineering, or design services required for a construction or renewal project that itself qualifies as a capital expenditure.

The purchase is for bulk purchases of similar items, like software, furniture, or radios with an expected useful life of three or more years that, when aggregated, have total costs exceeding \$25,000.

Project Name Sanitary Sewer Evaluation Study (SSES) Defect Repairs Phase 5

Project Status Recurring

Department Sewer

Project Lead Name Stephen Leone

Email address sjl@framinghamma.gov Phone 6061

Project Fiscal Year 2027 Department Priority # 6

Priority - Select the appropriate priority level based on the definitions below:

Urgent - addresses an imminent risk to the safety of the public or municipal personnel, and/or prevents the imminent destruction or collapse of public infrastructure or loss of assets.

High - necessary to ensure consistent, level service for the upcoming fiscal year. This priority type includes systems that a likely to fail, e.g., replacement of old or worn-out equipment, dramatically rehabilitate aging facilities, or facilitate a department's ability to meet increased service demands.

Moderate - either replaces assets that have outlived their useful life, enhances a benefit to the community over and above the existing level of service, results in costs savings or other efficiencies, or directly supports community's economic base by increasing property values.

Low - provides additions or improvements to services or programs having social, cultural, historic, economic, or aesthetic value, but does not require immediate approval and implementation.

Physical location/address of project/equipment

0

Project Status - Select the appropriate priority level based on the definitions below:

New - first time submission

Recurring - a routine project that must be completed annually or periodically, such as upgrading a pumping station's infrastructure or rehabilitating athletic fields.

Resubmission - a project was submitted in a previous year but not approved.

Revision/Upgrade to Previous Project - the scope of this project has changed or requires additional resources.

Project Financing

Estimated Project Cost –Enter the estimated cost of the project or asset. You are required to attach any quotes or other documentation to support the cost.

Amount Requested \$ 2,000,000

Life Expectancy - provide the number of years the asset is expected to last 50

Estimated timeframe to complete project or to receive asset - in months or years, estimate the duration of the project or the timeframe for delivery of equipment or asset. For example, if a new ambulance requires a build out and delivery time of 1 year, enter 1 year.

Estimated date for completion or delivery 12 Months

Timeframe - Additional Explanation

Proposed Funding Sources - Provide (if applicable) any potential grants, donations, or other available funds to supplement the regular financing of capital projects and assets. Attach documentation of possible grant opportunities, along with the community's funding requirements for acceptance. Describe and provide documentation for available discounts or cost reductions, such as trade in value.

Bond General Fund

Bond Enterprise Fund

Free Cash/Retained Earnings

CPA

Grant

Other Type of Loan

Other

Matching Requirements

Additional explanation/information related to funding source(s)

Candidate for MWRA Funding

Project Description

Provide a basic description of the proposed project or equipment purchase, including:

- Location (if a building)
- Type of building
- Intended use(s)
- Whether land acquisition will be necessary (if a building)
- Discussion of primary cost drivers
- Stakeholders involved
- Narrative of qualification for specific funding source (e.g., grants, CPA)

The Sewer System Evaluation Study (SSES) Phase 7, completed in 2024 identified 332,647 gallons per day of groundwater infiltration into the city's sanitary sewer. This appropriation would fund repairs to High-Priority and Medium-Priority defects identified during the SSES Phase 7 and remaining defects from Phases 1-6. The High-Priority and Medium-Priority defect repairs aim to eliminate sources of clean water infiltration (typically groundwater) into the sewer collection system, which reduces pipe capacity for wastewater flow. In addition, this appropriation would be used to eliminate illicit connections to the sewer collection system (e.g., drain cross connections or sump pump connections) that direct non-wastewater flows into the City of Framingham's collection system (inflow).

Project Justification

Provide justification for the project. Highlight the specific benefits that will directly result from completing the project. These details may depend on the chosen priority level and purpose. For instance, if the priority level is "Moderate" and purpose is "Service Enhancement," describe any and all new benefits the project offers, including any cost savings or efficiencies. Additionally, state how the project will benefit community and administrative stakeholders and explain any negative impacts or potential consequences of not approving the project. This information is particularly important for projects classified as "Urgent/Compliance with Law" and

Elimination of clean water and non-sewage flows into the sewer collection system results in cost savings to the City by reducing the pumped volume at our sewer pump stations – which translates into energy savings and reduced wear and tear at the City’s pump stations – and decreasing the overall flow from Framingham to the MWRA’s system. High Priority and Medium Priority sewer defect repairs extend the reliable service life of sewer infrastructure by deferring the need to replace sewer pipes for lack of capacity, and reinforcing the integrity of the system.

If project is phased over several years indicate how many phases are complete _____ 1 _____

Which phase of project is requested? _____ 1 _____

Purpose of Project - check all that apply and include detail on what is being replaced or requested as new

Replace existing infrastructure _____

Replace existing capital asset _____

Replace existing vehicle _____

Replace existing equipment _____

New infrastructure _____

New capital asset _____

New vehicle _____

New equipment _____

Strategic/Comprehensive/Master Plan _____

Project Type - check all that apply

Land acquisition _____

Planning/Feasibility Study _____

Design _____

Construction _____

Equipment _____

Vehicle _____

Contingency _____

Other _____

Asset Type

Land _____

Municipal Building _____

School Building _____

Water/Sewer Infrastructure _____

Roadway Infrastructure

Traffic/Streetlight Infrastructure

Waterway/Beach

Recreation Trail

Bridge

Park/Playground/Athletic Field

Vehicle

Equipment

Software/Technology

Refuge/Recycling Center

Other _____

Project Community Impact

Health & Safety

Education

Aesthetics/Historic preservation

Environmental sustainability

Economic development

Cultural/Recreational opportunity

Service Improvement

Level Service Maintenance

Impact to Operating/Enterprise Budgets - explain the project's temporary and/or long-term impact on the operating budget. For example, capital construction projects can result in increased operating costs. Costs may increase during the project's duration (e.g., increased use of one building while another is demolished and reconstructed) or be longer lasting, such as new a building resulting in increased utility costs or the hiring of additional maintenance personnel.

Increase/Decrease to Personnel \$ -

Explanation

Increase/Decrease to Operating \$ -

Explanation

Additional Information

Checklist for completion

X FY2027 Project Request PDF file includes form, updated vendor memos/quote/pricing, photos.

X Save each FY2027 project request as separate PDF file (Department name/Project Name) to T Drive/Finance/CIP 27-31/Department Folder



CITY OF FRAMINGHAM

DEPARTMENT OF PUBLIC WORKS | OPERATIONS

OPERATIONS CENTER
100 Western Avenue
Framingham, MA 01702

508-532-6060
wastewater@framinghamma.gov
www.framinghamma.gov

MEMORANDUM

DATE: 8/20/2025

TO: Steve Leone
Director of Water & Wastewater

FROM: Brian McCarthy
Wastewater Operations Manager

RE: **Sanitary Sewer Evaluation Study (SSES) Defect Repairs Phase 5**

SSES – High Priority and Medium Priority Identified Defects

SSES Phase 7

Phase 7 of the SSES was initiated in January 2023. The areas of study included sub-areas J and R, which are located in the southern and central portions of the City. Phase 7 includes manhole inspections, flow isolation, closed circuit television inspection, smoke testing, and dye testing.

305 manhole inspections were completed in March 2023. An estimated 9,072 GPD of infiltration and 2,000 GPD of inflow were identified during manhole inspections.

Flow isolation of approximately 63,360 linear feet was completed in March 2023. Approximately 400,000 GPD of infiltration was measured during flow isolation. Television inspection of approximately 63,460 was completed in March and April 2023. Flow isolation and smoke testing for Phase 7 SSES was performed in late summer 2023.

A total of 332,647 GPD of infiltration was identified during Phase 7, which was reported in the Phase 7 SSES report, prepared for the city by our consultant in May 2024. The recommended improvements from Phase 7 were integrated into the prioritized list of remaining recommended improvements from Phases 1-6, and this comprehensive list was delivered to the city along with the Phase 7 SSES report, to close out the work of Phase 7. This High-Priority and Medium-Priority Sewer Defect list identifies recommended repairs to the sewer collection system.

SSES Defect Repairs – Phase 5

FY2027 Sewer Defect Repairs Appropriation Request

In Fiscal Year 2027 we are requesting funding in the sum of **\$2,000,000 for Sanitary Sewer Evaluation Study Defect Repairs Phase 5** to continue addressing recommended High Priority and Medium Priority sewer system repairs as identified through the Division's SSES program. Included herewith is our list of assets requiring repair and each associated cost based on current contract pricing. Whenever possible, pipes will be rehabilitated using cured-in-place pipe (CIPP) or lining techniques, which is more cost-effective and does not

require roadway excavation. Where lining is not possible, pipe will be replaced. In many cases manholes will be repaired and lined, but will be replaced when necessary.

The High Priority and Medium Priority defect repairs aim to eliminate sources of clean water infiltration (typically groundwater) into the sewer collection system, which reduces pipe capacity for wastewater flow. In addition, this appropriation would be used to eliminate illicit connections to the sewer collection system (e.g., drain cross connections or sump pump connections) that direct non-wastewater flows into the City of Framingham's collection system. Elimination of clean water and non-sewage flows into the collection system results in cost savings to the City by reducing the pumped volume at our sewer pump stations – which translates into energy savings and reduced wear and tear at the City's pump stations – and decreasing the overall flow from Framingham to the MWRA's system. High Priority and Medium Priority sewer defect repairs extend the reliable service life of sewer infrastructure by deferring the need to replace sewer pipes for lack of capacity, and reinforcing the integrity of the system. We recommend that funding for this appropriation, in part, be sought through the MWRA's Infiltration and Inflow (I&I) Local Financial Assistance program. The work itemized on the recommended High Priority and Medium Priority defect repair list is eligible for the MWRA's Infiltration and Inflow (I&I) Local Financial Assistance program, and funding from this program is already available for use by the City for this purpose.

HIGH & MEDIUM PRIORITY SEWER PIPES I&I CIPP (prices under current contract 2025) - yellow high priority

ALTERN. OPP. - I/LOCATIONS														
LOCATION	LENGTH	EST GPM	PIPE SIZE	DEPTH	NOTES	Total Est. Costs	CIPSR	CPP	Lat. Re-Instate	GROUT T&S	Lat. Grout	Clean & TV/Day	Manhole Lining	WORK REMAINING
upper jockyn (whole st)	1300	2-brk	8	8	vcp main-8 pipe segments-17 lats-10 m.h.s.-from 100767 to 100771	\$ 78,500.00	\$	\$ 68,000.00	\$ 10,500.00				\$ 19,000.00	\$ 19,000.00
jockyn rd- easment to merlin	1000	5-brk	8	7	vcp main-5 pipe segments-16 lats-5 m.h.s.-from 100773 to 100785	\$ 52,000.00		\$ 36,000.00	\$ 8,000.00				\$ 8,000.00	\$ 8,000.00
scott dr to brook(easment)	1300	5+ro	10	6	ACP main-6 pipe segments-no lats-7 m.h.s.-from 1005885 to 1002362	\$ 63,500.00		\$ 54,000.00	\$ 1,000.00				\$ 9,500.00	\$ 63,500.00
singleary rd (easment)	1900	4+ro	8	5	ACP main-8 pipe segments-3 lats-9 m.h.s.-from 1001792 TO 1001786	\$ 93,000.00		\$ 75,000.00	\$ 1,000.00				\$ 17,000.00	\$ 93,000.00
hodder rd (easment)	1200	7-brks	8	6	ACP main-5 pipe segments-7 lats-6 m.h.s.-from 1001833 TO 1001796	\$ 56,500.00		\$ 44,000.00	\$ 3,500.00				\$ 9,000.00	\$ 56,500.00
griffin rd (easment aqueduct)	400	5-brks	10	6	vcp main-2 pipe segments-2 lats-3 m.h.s.-from 1008288 to 1008278	\$ 18,500.00		\$ 15,500.00	\$ 500.00				\$ 2,500.00	\$ 18,500.00
griffin to joseph (easment)	600	8+ brks	10	8	vcp main-3 pipe segments-4 lats-4 m.h.s.-from 1003313 to 1003654	\$ 30,500.00		\$ 23,000.00	\$ 1,000.00				\$ 6,500.00	\$ 30,500.00
hirum (easment #5- #29)	1700	4+ro	8	7	ACP main-7 pipe segments-3 lats-8 m.h.s.-from 1002200 to 1005831	\$ 79,000.00		\$ 66,000.00	\$ 1,000.00				\$ 12,000.00	\$ 79,000.00
hirum (easment culdesac to woods)	300	4+brks	8	8	ACP main-2 pipe segments-lats-na-m.h.s.-3 from 1006827 to 1005831	\$ 16,500.00		\$ 12,000.00					\$ 4,500.00	\$ 16,500.00
janebar to hemingway p/s	1200	8+	8	7	ACP main-6 pipe segments-1 lat-7 m.h.s.-from 1001828 to 1007330	\$ 56,000.00		\$ 45,000.00	\$ 500.00				\$ 10,500.00	\$ 56,000.00
mAdas to westview	700	4+ro	8	7	ACP main-2 pipe segments-2 lats-3 m.h.s.-from 1001989 to 1001600	\$ 32,500.00		\$ 27,000.00	\$ 500.00				\$ 5,000.00	\$ 32,500.00
westview to lyman(easment)	950	4-brks	8	8	ACP main-5 pipe segments-1 lat-6 m.h.s.-from 1001600 to 1001582 to 1001577	\$ 53,000.00		\$ 40,000.00	\$ 500.00				\$ 12,500.00	\$ 53,000.00
ruthellen to edgell(easment)	1100	4-brks	10	6	ACP main-5 pipe segments-3 lats-6 m.h.s.-from 1001313 to 100588	\$ 52,000.00		\$ 42,000.00	\$ 1,000.00				\$ 9,000.00	\$ 52,000.00
sunvalley @pike to b/cavatorata	1300	4-brks	12	8	vcp main-7 pipe segments-8 lats-8 m.h.s.-from 1005193 to 1001297	\$ 62,500.00		\$ 50,000.00	\$ 1,500.00				\$ 11,000.00	\$ 62,500.00
downon dr (easment)	1500	6-brks	12	8	ACP main-7 pipe segments-2 lats-9 m.h.s.-from 1007213 to 1001829	\$ 76,000.00		\$ 60,000.00	\$ 1,000.00				\$ 15,000.00	\$ 76,000.00
whiting ave (easment)	600	8-brks	8	7	ACP main-2 pipe segments-2 lats-3 m.h.s.-from 1002287 to 1003831	\$ 22,800.00		\$ 20,000.00	\$ 300.00				\$ 2,500.00	\$ 22,800.00
pliasantview to bosworth(esmt)	550	2-brks	8	6	ACP main-3 pipe segments-3 lats-4 m.h.s.-from 1001069 to 1000808	\$ 30,000.00		\$ 22,000.00	\$ 1,000.00				\$ 7,000.00	\$ 30,000.00
union ave terr-(whole st)	450	brks	15	8	vcp main-3 pipe segments-9 lats-3 m.h.s.-from 1008342 to 1001117	\$ 39,500.00		\$ 30,000.00	\$ 4,000.00				\$ 5,500.00	\$ 39,500.00
rte 9 (natchik line crossover)	140	2-brks	10	7	vcp main-1 pipe segment-no lats-2 m.h.s.-from 1005268 to 1005427	\$ 8,000.00		\$ 5,000.00	na				\$ 3,000.00	\$ 8,000.00
beaver st island to bridge	1300	3-brks	10	8	vcp main-7 pipe segments-10 lats-10m.h.s.-from 1005813 to 1005953	\$ 92,000.00		\$ 53,000.00	\$ 19,000.00				\$ 20,000.00	\$ 92,000.00
beaver st @ bridge to park lot	400	2-brks	10	7	castrom main-2 pipe segments-4 lats-3 m.h.s.-from 1006208 to 1006205	\$ 22,500.00		\$ 16,000.00	\$ 1,500.00				\$ 5,000.00	\$ 22,500.00
hartford st (top section)	240	3-brks	8	7	vcp main-2 pipe segments 6 lats-4 m.h.s.- from 1004720 to 1007890	\$ 19,000.00		\$ 10,000.00	\$ 3,000.00				\$ 6,000.00	\$ 19,000.00
hartford st (middle section)	350	3-brks	8	7	vcp main-2pipe segments-7 lats-4 m.h.s.-from 1004711 to 1004713	\$ 24,500.00		\$ 14,000.00	\$ 3,500.00				\$ 7,000.00	\$ 24,500.00
hartford st (bottom section)	700	3-brks	8	8	vcp main-5 pipe segments-18 lats-7 m.h.s.-from 1004711 to 1005921	\$ 52,000.00		\$ 30,000.00	\$ 10,000.00				\$ 12,000.00	\$ 52,000.00
rte 9 @lockland to frazer(esmnt)	1100	3-brks	8	9	vcp main-5 pipe segments-3 lats-5 m.h.s.-from 1005466 to 1003925	\$ 56,000.00		\$ 43,000.00	\$ 2,000.00				\$ 11,000.00	\$ 56,000.00
lockland @ d/e m.h to rte 9w/b	1500	3-brks	8	8	vcp main-5 pipe segments-30 lats-6 m.h.s.-from 1001187 to 1005466	\$ 82,000.00		\$ 57,000.00	\$ 15,000.00				\$ 10,000.00	\$ 82,000.00
st brigids access rd to rte 9 bridge	1100	5-brks	12	8	vcp main-4 pipe segments-9 lats-5 m.h.s.-from 1005564 -1005563 +1001136 to 1001137	\$ 64,000.00		\$ 42,000.00	\$ 10,000.00				\$ 12,000.00	\$ 64,000.00
rte 9@rte-30 w/b to beacon st	1600	3-brks	8	7	vcp main-8 pipe segments-20 lats-9 m.h.s.-from 1004656 to 1005447	\$ 88,000.00		\$ 64,000.00	\$ 10,000.00				\$ 14,000.00	\$ 88,000.00
rte 30@ 126 d/e m.h to target lot	2200	5-brks	8	7	ACP main-8 pipe segments-11 lats-9 m.h.s.-from 1006359 to 1006375	\$ 104,000.00		\$ 83,000.00	\$ 8,000.00				\$ 13,000.00	\$ 104,000.00

HIGH & MEDIUM PRIORITY SEWER PIPES I&I CIPP (prices under current contract 2025) - yellow high priority

ALNEW OPP - I/LOCATIONS														
LOCATION	LENGTH	EST GPM	PIPE SIZE	DEPTH	NOTES	Total Est. Costs	CIPSR	CIPP	Lat. Re-Instate	GROUT T&S	Lat. Grout	Clean & TV/Day	Manhole Lining	WORK REMAINING
ree 30 @target to masspiple trunk	2700	5+brks	12	8	ACP main-12 pipe segents-4 lats-3m.s.from 1001006375 to 10007076	\$ 138,000.00		\$ 115,000.00	\$ 2,000.00				\$ 21,000.00	\$ 138,000.00
arlene rd(only to ocp)	1100	3+brks	8	6	ACP main-5 pipe segents-14 lats-6 m.h.s.from 1006164 to 1005927	\$ 58,000.00		\$ 42,000.00	\$ 7,000.00				\$ 9,000.00	\$ 58,000.00
green leaf cr+easment to burr	1900	3+brks	8	8	ACP main-8 pipe segents-22 lats-5 m.h.s.1004625 to 1005281(burr st)	\$ 79,500.00		\$ 64,000.00	\$ 4,500.00				\$ 11,000.00	\$ 79,500.00
ree9 @easnt 12 legates p/(easment	2500	4+brks	10	8	ACP main-11 pipe segents-2 lats-13 m.h.s.from 1005161 to 1007532	\$ 119,000.00		\$ 97,000.00	\$ 1,000.00				\$ 21,000.00	\$ 119,000.00
phlips st to rr track(easment)	900	3+brks	10	6	cpv+vcv main-4 pipe segents-8 lats-5 m.h.s.from 1004287 to 1004298	\$ 46,000.00		\$ 35,000.00	\$ 4,000.00				\$ 7,000.00	\$ 46,000.00
rossbare to bhnes(easment)	520	4+brks	10	7	vcv main-3 pipe segents-0 lats-5 m.h.s.from 1000931 to 1000916	\$ 27,000.00		\$ 20,000.00	\$ -				\$ 7,000.00	\$ 27,000.00
waverly st (wilson to palmco)	1200	4+brks	8	15	vcv+scimain-6 pipe segents-10 lats-10 m.h.s.from 1005913 to 1004809	\$ 67,500.00		\$ 48,000.00	\$ 4,500.00				\$ 15,000.00	\$ 67,500.00
waverly st #866 to att easent	400	4+brks	8	15	vcv main-2 pipe segents-9 lats-3 m.h.s.from 1004921 to 1004810	\$ 24,500.00		\$ 15,000.00	\$ 4,000.00				\$ 5,500.00	\$ 24,500.00
waverly st @#790 to daytoma)	700	3+brks	8	7	vcv main-4 pipe segents-11 lats-5 m.h.s.from 1006842 to 1004810	\$ 38,500.00		\$ 25,000.00	\$ 4,500.00				\$ 9,000.00	\$ 38,500.00
waverly st at@t easment	200	3+brks	10	8	vcv main-2 pipe segents-no lats-3 m.h.s.from 1004383 to 1004388	\$ 11,600.00		\$ 7,600.00	na				\$ 4,000.00	\$ 11,600.00
larabee to waverly st (whole st)	700	4+brks	8	6	vcv main-3 pipe segents-16 lats-4 m.h.s.from 1002472 to 1004923	\$ 43,500.00		\$ 28,000.00	\$ 8,000.00				\$ 7,500.00	\$ 43,500.00
waverly st @wintrop to bethany	370	3+brks	8	10	vcv main-1 pipe segents-10 lats-2 m.h.s. fro 1002477 to 1004811	\$ 25,000.00		\$ 15,000.00	\$ 5,000.00				\$ 5,000.00	\$ 25,000.00
waverly st to bethany to mellon	500	3+brks	10	10	vcv main-3 pipe segents-5 lats-4 m.h.s.from 1004932 to 1008518	\$ 30,000.00		\$ 20,000.00	\$ 2,000.00				\$ 8,000.00	\$ 30,000.00
waverly st to bethany to mellon	950	4+brks	12	8	vcv main-5 pipe segents-14 lats-6 m.h.s from 1005795 to 1007721	\$ 56,000.00		\$ 38,000.00	\$ 8,000.00				\$ 10,000.00	\$ 56,000.00
waverly st(mellon to casey cr)	1100	4+brks	15	8	vcv+scimain-4 pipe segents-22 lats-5 m.h.s. from 1007721 to 1005366	\$ 90,000.00		\$ 71,000.00	\$ 12,000.00				\$ 7,000.00	\$ 90,000.00
CEDAR ST	150	3+brks	6+8	3 to 10	vcv main-1 pipe segents-7 lats-2 m.h.s. 1002527 to 1002528	\$ 11,700.00		\$ 5,700.00	\$ 3,500.00				\$ 2,500.00	\$ 11,700.00
LIVOLI RD	1300	4+brks	8	9	ACP main-6 pipe segentsfrom 1002006 to 1001810-16 lats-7 m.h.s	\$ 58,000.00		\$ 44,000.00	\$ 4,000.00				\$ 10,000.00	\$ 58,000.00
HIGGINS RD	1050	2+brks	8	9	vcv main-5 pipe segents 1002310 to 1002676-29 lats 6 m.h.s	\$ 72,000.00		\$ 47,000.00	\$ 16,000.00				\$ 9,000.00	\$ 72,000.00
WATER ST edgel rd to homenway	1550	2+ brks	8	8	ACP MAIN-7 pipe segents-14 lats-7 m.h.s.60 v f- 1005127 to 1005131	\$ 79,000.00		\$ 59,000.00	\$ 7,500.00				\$ 10,500.00	\$ 77,000.00
MAYNARD RD	500	3+ brks	8	10	VCP MAIN-3 PIPE SEGMENTS-5 LATS-4 M.H.S 50 V.F.from 1004775 to 1001291	\$ 34,000.00		\$ 20,000.00	\$ 4,000.00				\$ 9,000.00	\$ 33,000.00
CENTRAL ST masspiple to p/s	1100	7+ brks	10	9	VCP MAIN-4 PIPE SEGMENTS-2 LATS-5 M.H.S -50 V.F.from 1005198 to 1007326	\$ 63,000.00		\$ 45,000.00	\$ 7,000.00				\$ 9,000.00	\$ 61,000.00
PLEASANT ST- page 1 of 4	1050	4+ brks	8	10	VCP main-4 pipe segents-7 lats-5 m.h.-50 v f from 1006728 to 1000202	\$ 58,000.00		\$ 44,000.00	\$ 4,000.00				\$ 9,500.00	\$ 57,500.00
PLEASANT ST- page 1A of 4	950	2+brks	8	10	ACP main-4 pipe segents-8 lats-5 m.h.s.50 v f from 1006729 to 1004964	\$ 52,000.00		\$ 38,000.00	\$ 4,000.00				\$ 9,000.00	\$ 51,000.00
PLEASANT ST- page 2 of 4	1200	4+brks	8	10	VCP main-6 pipe segents-10 lats-7 m.h.s- 70 v f from 1004966 to 1006742	\$ 65,000.00		\$ 47,000.00	\$ 6,000.00				\$ 11,000.00	\$ 64,000.00
PURCHASE ST (central to siphon)	650	3+ brks	8	8	VCP main-6 pipe segents-9 lats-7 m.h.s -70 v f from 1006339 to 1002788	\$ 50,000.00		\$ 26,000.00	\$ 6,500.00				\$ 14,000.00	\$ 44,000.00
FREEMAN ST	450	3+brks	8	8	VCP main -4 pipe segents-10 lats-5 m.h.s-50 v f from 1002819 to 1000950	\$ 35,000.00		\$ 19,000.00	\$ 5,000.00				\$ 9,500.00	\$ 33,500.00
WASHAKIN ST @hollis st)	400	3+ brks	10	12	CASTIRON +VCP main-2 pipe segents-6 lats-3 m.h.s from 1006255 to 1004271	\$ 26,000.00		\$ 16,500.00	\$ 3,000.00				\$ 6,500.00	\$ 6,500.00
HAMILTON ST	1200	3+brks	8	8	VCP+CAST main 6 pipes segents-20 lats-7 m.h.s from 1003554 to 1005888	\$ 70,000.00		\$ 45,000.00	\$ 11,000.00				\$ 12,500.00	\$ 68,500.00
LOVERING AVE (easment)	515	3+ brks	8	8	VCP main-2 pipe segents-2 lats-2 m.h.s-20 v f from 1003546 to 1003553	\$ 29,000.00		\$ 24,000.00	\$ 1,000.00				\$ 3,500.00	\$ 28,500.00
JACKSON PL	240	2+brks	8	7	VCP main-1 pipe segment 2 lats-1 m.h. 8 from 1001837 to 1003549	\$ 12,000.00		\$ 9,200.00	\$ 1,000.00				\$ 1,400.00	\$ 11,600.00
LONG AVE TO DUDLEY easmt	1800	7+ brks	8	6	ACP main-8 pipe segents-3 lats-10 m.h.s.70 v f from 1006256 to 1004998	\$ 82,000.00		\$ 65,000.00	\$ 1,500.00				\$ 14,000.00	\$ 14,000.00
BROOK ST. of 6 m.h.#577	155	3+brks	6	5	ACP main-1 pipe segment-no lats in pipe-2 m.h.s-12 of from 1002360 to 1008539	\$ 8,500.00		\$ 6,000.00	\$ -				\$ 2,500.00	\$ 2,500.00
KINGS COURT	175	5+brks	15	7	VCP main-1 pipe segment 2 lats-2 m.h.s.18 v f from 1008387 to 1008184	\$ 16,000.00		\$ 12,000.00	\$ 1,000.00				\$ 3,500.00	\$ 16,500.00

HIGH & MEDIUM PRIORITY SEWER PIPES I&I CIPP (prices under current contract 2025) - yellow high priority

ALBANY CIP - I/LOCATIONS														
LOCATION	LENGTH	EST GPM	PIPE SIZE	DEPTH	NOTES	Total Est. Costs	CIPSR	CIPP	Lat. Re-Instate	Grout T&S	Lat. Grout	Clean & TV/Day	Manhole Lining	WORK REMAINING
BELKNAP rd to woodmere	1200	3+ spalling	8	7	ACP main-7/pipe segments 12 lats-9 m.h.s-90'vf from 1005829 to 1004991	\$ 70,000.00	\$	\$ 49,000.00	\$ 7,000.00		\$		\$ 15,000.00	\$ 15,000.00
BISHOP ST (group 1) of 3	950	5+ brks	8	6	VCP main-5 pipe segments-18 lats-6 m.h.s-60'vf from 1002804 to 1003153	\$ 60,000.00	\$	\$ 40,000.00	\$ 9,000.00				\$ 10,000.00	\$ 59,000.00
BISHOP ST (group 2) of 3	1200	5+ brks	10+12	10	VCP main-6 pipe segments-11 lats-8 m.h.s-90'vf from 1003154 to 1003163	\$ 68,000.00	\$	\$ 44,000.00	\$ 6,000.00				\$ 16,000.00	\$ 16,000.00
BANTRY @ Hastings + easment	1100	10+ brks	10	7	VCP main-6 pipe segments-6 lats-8 m.h.s-80'vf from 1000801 to 1000916	\$ 79,000.00	\$	\$ 45,000.00	\$ 18,000.00				\$ 14,000.00	\$ 14,000.00
ELM ST @40 to @central	400	3+ brks	8	7	VCP main-3 pipe segments-3 lats-4 m.h.s-40'vf from 1006716 to 1007422	\$ 26,000.00	\$	\$ 16,000.00	\$ 2,000.00				\$ 8,000.00	\$ 8,000.00
EDWARDS STAPELTON EASMENT	210	3+ brks	6+8	7	ACP-CAST main-4 pipe segments-0 lats-6 m.h.s-50'vf from 1003577 to 1008116	\$ 19,000.00	\$	\$ 9,500.00	\$ -				\$ 9,000.00	\$ 9,000.00
CHESTNUT ST #19 to #37	310	3+ brks	8	7	VCP main-2 pipe segments-2 lats-4 m.h.s-40'vf from 1003573 to 1007293	\$ 26,000.00	\$	\$ 14,000.00	\$ 1,000.00				\$ 8,000.00	\$ 8,000.00
HIGHGATE easment (summer)	215	8+brks	10	12	VCP main-1 pipe segment-1 lats-2 m.h.s-22'vf from 1000885 to 1005622	\$ 15,500.00	\$	\$ 8,500.00	\$ 1,700.00				\$ 3,850.00	\$ 3,850.00
SUMMER (@highgate tod.E)	1020	8+brks	12+8	12	VCP main-3 pipe segments-10 lats-3 m.h.s-30'vf from 1005622 to 1004703	\$ 57,000.00	\$	\$ 41,000.00	\$ 8,800.00				\$ 5,300.00	\$ 5,300.00
FENWICK (@summer to hayes)	355	5+brks	12	12	VCP main-4 pipe segments-4 lats-1 m.h.s-13'vf from 1004704 to 1006334	\$ 22,000.00	\$	\$ 14,000.00	\$ 4,000.00				\$ 2,300.00	\$ 2,300.00
HEATHER DR. whole st	840	3+brks	8	7	VCP main-3 pipe segments-16 lats-4 m.h.s-40'vf from 1000862 to 1004684	\$ 49,000.00	\$	\$ 33,000.00	\$ 9,000.00				\$ 7,000.00	\$ 7,000.00
BROOK ST. GROUP 1 OF 3	620	3+brks	8	8	VCP main-2 pipe segments-9 lats-3 m.h.s-30'vf from 1002803 to 1002969	\$ 35,500.00	\$	\$ 24,500.00	\$ 5,500.00				\$ 5,500.00	\$ 5,500.00
BROOK ST. GROUP 2 OF 3	425	2+brks	8	8	VCP main-2 pipe segments-4 lats-3 m.h.s-30'vf from 1006029 to 1005827	\$ 26,500.00	\$	\$ 18,300.00	\$ 2,600.00				\$ 5,500.00	\$ 5,500.00
BROOK ST. GROUP 3 OF 3	600	15+brks	6+8	8	VCP main-4 pipe segments-7 lats-5 m.h.s-50'vf from 1006024 to 1005827	\$ 44,000.00	\$	\$ 25,000.00	\$ 10,000.00				\$ 8,500.00	\$ 43,500.00
ELEN RD +EASMENT	440	3+brks	8	7	VCP main-3 pipe segments-2 lats-4 m.h.s-35'vf from 1001745 to 1006275	\$ 25,000.00	\$	\$ 17,200.00	\$ 1,200.00				\$ 6,500.00	\$ 24,900.00
INDIAN HEAD D/E #78 TO #72	290	2+brks	6	11	VCP main-1 pipe segment 4 lats-3 m.h.s-34'vf from 1001158 to 1000815	\$ 27,000.00	\$	\$ 14,900.00	\$ 2,900.00				\$ 9,000.00	\$ 26,400.00
LOCKLAND RD #134 TO #118	310	2+ brks	8	10	VCP main-1 pipe segment -5 lats -2 m.h.s.vf=22' from 1001182 to 1001184	\$ 19,200.00	\$	\$ 22,000.00	\$ 3,000.00				\$ 20,000.00	\$ 20,000.00
WINTER ST-winterpk to long	1600	10+brks	8	7	ACP main-8 pipe segments-21 lats-9 m.h.s-90'vf from 1006575 to 1005973	\$ 105,000.00	\$	\$ 67,000.00	\$ 19,500.00				\$ 17,500.00	\$ 104,000.00
HASTINGS ST @#44 tobaccon	625	3+brks	8	7	VCP main-3 pipe segments-15 lats-4 m.h.s-40'vf from 1000955 to 1004329	\$ 34,000.00	\$	\$ 18,300.00	\$ 9,000.00				\$ 7,000.00	\$ 34,300.00
HASTINGS ST @woodlrd to been	700	5+brks	8	7	ACP main-2 pipe segments-5 lats-2 m.h.s-20'vf from 1001266 to 1004329	\$ 40,000.00	\$	\$ 27,200.00	\$ 3,600.00				\$ 3,500.00	\$ 34,300.00
HIGHGATE ST ale to easmt	1550	15+brks	8	8	ACP+VCP main-7 pipe segments-18 lats-8 m.h.s-80'vf from 1000891 to 1000885	\$ 90,000.00	\$	\$ 60,000.00	\$ 16,000.00				\$ 14,000.00	\$ 90,000.00
FRANKLIN ST (@ d/e bridge	650	2+brks	6	7	VCP-CAST-PVC-DIP-main-3 pipe segments-1 lat-4 m.h.s-50'vf from 1004504 to 1005845	\$ 36,500.00	\$	\$ 36,000.00	\$ 500.00				\$ -	\$ -
WAVERLY ST @ const to #716	365	5+BRKS	10	9	VCP main-1 pipe segment-8 lats-2 m.h.s-25'vf from 1002477 to 1004811	\$ 33,000.00	\$	\$ 18,500.00	\$ 5,000.00		\$ 3,000.00		\$ 6,500.00	\$ 6,500.00
WAVERLY st @#790 to const	520	3+brks	6	8	VCP main-2 pipe segments-up to 12 lats-2 m.h.s-15'vf from 1006926 to 1002477	\$ 37,000.00	\$	\$ 27,000.00	\$ 6,000.00				\$ 4,000.00	\$ 37,000.00
CURTIS rd @41 to kendall ave	805	3+roots	10	11	VCP main-4 pipe segments-9 lats-4 m.h.s-40'vf from 1002620 to 1006523	\$ 57,000.00	\$	\$ 42,000.00	\$ 5,000.00				\$ 10,000.00	\$ 33,500.00

TOTAL ESTIMATED CONSTRUCTION COST \$ 4,123,805.00
FY2027 APPROPRIATION REQUEST \$ 2,000,000.00

Sewer Defect Repairs: Phase 5 – FY27 Capital Project Submission



Sewer defect: Sewer main with root intrusion

Why repair sewer defects?

- *Infiltration & inflow of clean water causes increased bills to customers.*
- *Defects allow debris to gather in pipes causing backups and sewer system overflows.*
- *Defect repairs extend life of sewers saving the City from costly sewer replacements.*



Sewer defect: Cracked sewer main



Sewer defect: misaligned pipe joint

Sewer Defect Repairs: Phase 5 – FY27 Capital Project Submission



Sewer defect: eroded surface



Sewer defect: eroded manhole table and inverts



Repaired sewer manhole



Crew performing sewer lining

City of Framingham 5 Year Capital Improvement Program FY2027-FY2031
Capital Project Request Form for FY2027 Projects

FY2027 Project requests must meet the definition of a Capital Project

A capital project is a major, nonrecurring expenditure that meets one or more of the following criteria:

The capital improvement is a tangible asset or project estimated to cost over \$25,000 and to have or to extend five or more years of useful life.

The community would legally be allowed to borrow for the expense under M.G.L. c. 44, § 7 and M.G.L. c.44, § 8.

The expenditure is for real property acquisitions, construction, and long-life capital equipment.

The project is for improvements to physical infrastructure (e.g., streets, sidewalks, and stormwater drains) and renovations of existing capital items that extend their useful lifespans.

The purchase or long-term capital lease is for vehicles or heavy equipment that have an expected useful life of 5 or more years.

The expenditure is to pay for the planning, engineering, or design services required for a construction or renewal project that itself qualifies as a capital expenditure.

The purchase is for bulk purchases of similar items, like software, furniture, or radios with an expected useful life of three or more years that, when aggregated, have total costs exceeding \$25,000.

Project Name Pleasant Street Area Sewer Improvements - Phase I

Project Status New

Department Sewer

Project Lead Name Robert Marchesseault

Email address rpm@framinghamma.gov Phone 6086

Project Fiscal Year 2027 Department Priority # 7

Priority - Select the appropriate priority level based on the definitions below:

Urgent - addresses an imminent risk to the safety of the public or municipal personnel, and/or prevents the imminent destruction or collapse of public infrastructure or loss of assets.

High - necessary to ensure consistent, level service for the upcoming fiscal year. This priority type includes systems that a likely to fail, e.g., replacement of old or worn-out equipment, dramatically rehabilitate aging facilities, or facilitate a department's ability to meet increased service demands.

Moderate - either replaces assets that have outlived their useful life, enhances a benefit to the community over and above the existing level of service, results in costs savings or other efficiencies, or directly supports community's economic base by increasing property values.

Low - provides additions or improvements to services or programs having social, cultural, historic, economic, or aesthetic value, but does not require immediate approval and implementation.

Physical location/address of project/equipment

Pleasant Street

Project Status - Select the appropriate priority level based on the definitions below:

New - first time submission

Recurring - a routine project that must be completed annually or periodically, such as upgrading a pumping station's infrastructure or rehabilitating athletic fields.

Resubmission - a project was submitted in a previous year but not approved.

Revision/Upgrade to Previous Project - the scope of this project has changed or requires additional resources.

Project Financing

Estimated Project Cost –Enter the estimated cost of the project or asset. You are required to attach any quotes or other documentation to support the cost.

Amount Requested \$ 7,900,000

Life Expectancy - provide the number of years the asset is expected to last 50

Estimated timeframe to complete project or to receive asset - in months or years, estimate the duration of the project or the timeframe for delivery of equipment or asset. For example, if a new ambulance requires a build out and delivery time of 1 year, enter 1 year.

Estimated date for completion or delivery 24 Months

Timeframe - Additional Explanation

Proposed Funding Sources - Provide (if applicable) any potential grants, donations, or other available funds to supplement the regular financing of capital projects and assets. Attach documentation of possible grant opportunities, along with the community's funding requirements for acceptance. Describe and provide documentation for available discounts or cost reductions, such as trade in value.

Bond General Fund

Bond Enterprise Fund

Free Cash/Retained Earnings

CPA

Grant

Other Type of Loan

Other

Matching Requirements

Additional explanation/information related to funding source(s)

Possible candidate for MWRA Funding

Project Description

Provide a basic description of the proposed project or equipment purchase, including:

- Location (if a building)
- Type of building
- Intended use(s)
- Whether land acquisition will be necessary (if a building)
- Discussion of primary cost drivers
- Stakeholders involved
- Narrative of qualification for specific funding source (e.g., grants, CPA)

The Pleasant Street Area Water & Sewer Improvements - Phase I project is the first phase of a multi-phase project to replace the water and sewer utilities on Pleasant Street and Temple Street area. This phase of the project will replace approximately 3,700 feet of gravity sewers on Pleasant Street and Temple Street and about 1,600 feet of sewer force main (pressure sewer) on Pleasant Street. This project will address capacity issues that have led to past sanitary sewer overflows and surcharging manholes. The gravity sewer replacement on Pleasant Street extends just west of Belknap Road, from the Pleasant Street Sewer Pump Station to the intersection of Pleasant Street and Temple Street, and also includes replacement of the sewer main on Temple Street to the I-90 underpass. The existing gravity sewer is primarily comprised of vitrified clay pipe installed in 1929. The force main is made of cast iron pipe from 1955. Cast iron pipe produced in the 1950s and 1960s (post WWII cast iron) is of a lesser quality than previous cast iron pipe, and prone to breaking. The sewer replacement will include sewer laterals and services to the property lines and all gravity sewer manholes. This project will also provide rehabilitation to the aging, under-sized, 10-inch diameter, cast iron sewer that crosses I-90 (MassPike) at Temple Street through pipe lining. Limited capacity at this location will be addressed by providing a surge-connection to the adjacent 18-inch diameter Upper 9/90 Sewer Interceptor, which will reduce risk of sanitary sewer system overflows, and provide additional working capacity for the Pleasant Street area sewers without the added complexity and significant expense of tunneling under the MassPike with a new sewer pipe. These improvements are planned to be undertaken as part of a construction contract that would also include water main improvements in the same area.

Project Justification

Provide justification for the project. Highlight the specific benefits that will directly result from completing the project. These details may depend on the chosen priority level and purpose. For instance, if the priority level is “Moderate” and purpose is “Service Enhancement,” describe any and all new benefits the project offers, including any cost savings or efficiencies. Additionally, state how the project will benefit community and administrative stakeholders and explain any negative impacts or potential consequences of not approving the project. This information is particularly important for projects classified as “Urgent/Compliance with Law” and

Replacement of the gravity sewers on Pleasant Street is recommended due to age, condition, size, slope, and pipe materials, as well as history of maintenance, and capacity concerns. The gravity sewer on Pleasant Street is 95 years and older, and is beyond its service life. The Pleasant Street Sewer Pump Station's force main is a 70-year old, 8-inch diameter cast iron pipe, which is prone to corrosion and degradation over time, especially when corrosive sewage is in direct contact with unlined cast iron. The Pleasant Street sewers have experienced capacity issues, including SSOs and manhole surcharging in past years and are in need of replacement with larger-diameter pipes. This project is intended to precede a future Pleasant Street Sewer Pump Station Upgrade project, and it is important that the downstream sewers and force main work is completed prior to the pump station. The water main in the area is also in need of replacement, so combining the improvements into one project will provide an opportunity to reduce the construction cost of two critical projects, compared to constructing each separately. Funding this project, along with the Pleasant Street Area Water Main Improvements - Phase I project, provides an opportunity to address water and sewer needs together as part of a single construction package, resulting in reduced impacts to the residents and in the area and those who travel on this thoroughfare.

If project is phased over several years indicate how many phases are complete _____ 2 _____

Which phase of project is requested? _____ 1 _____

Purpose of Project - check all that apply and include detail on what is being replaced or requested as new

Replace existing infrastructure _____

Replace existing capital asset _____

Replace existing vehicle _____

Replace existing equipment _____

New infrastructure _____

New capital asset _____

New vehicle _____

New equipment _____

Strategic/Comprehensive/Master Plan _____

Project Type - check all that apply

Land acquisition _____

Planning/Feasibility Study _____

Design _____

Construction _____

Equipment _____

Vehicle _____

Contingency _____

Other _____

Asset Type

Land

Municipal Building

School Building

Water/Sewer Infrastructure

Roadway Infrastructure

Traffic/Streetlight Infrastructure

Waterway/Beach

Recreation Trail

Bridge

Park/Playground/Athletic Field

Vehicle

Equipment

Software/Technology

Refuge/Recycling Center

Other _____

Project Community Impact

Health & Safety

Education

Aesthetics/Historic preservation

Environmental sustainability

Economic development

Cultural/Recreational opportunity

Service Improvement

Level Service Maintenance

Impact to Operating/Enterprise Budgets - explain the project's temporary and/or long-term impact on the operating budget. For example, capital construction projects can result in increased operating costs. Costs may increase during the project's duration (e.g., increased use of one building while another is demolished and reconstructed) or be longer lasting, such as new a building resulting in increased utility costs or the hiring of additional maintenance personnel.

Increase/Decrease to Personnel \$ -

Explanation

Increase/Decrease to Operating \$ -

Explanation

Additional Information

Checklist for completion

X FY2027 Project Request PDF file includes form, updated vendor memos/quote/pricing, photos.

X Save each FY2027 project request as separate PDF file (Department name/Project Name) to T Drive/Finance/CIP 27-31/Department Folder



August 21, 2025

Mr. Robert Marchesseault, PE
Senior Project Manager
Department of Public Works
Capital Improvement Program
110 Western Avenue
Framingham, MA 01702

RE: Framingham: Capital Project Planning
Pleasant Street Water and Sewer Replacement
Updated Cost Estimate for FY27 Design and Permitting and FY28 Construction

Dear Mr. Marchesseault,

As requested, Apex has updated the cost estimate for this project. The detailed cost estimate is attached, and assumes construction in 2027 - 2028.

The Pleasant Street Water and Sewer Replacement design documents were completed to 90% design level by Apex (formerly Environmental Partners) in 2022. Additional design services are required to update the project design to 100% design level. Additionally, permits obtained in 2022 are required to be updated. These design and permitting costs are included in the attached cost estimate and are approximately \$350,000.

Construction service costs are estimated to be \$1.83M. The construction cost including contingency is estimated at \$10.55M. Approximately 40% of this cost is water main replacement (\$4.72M), and approximately 60% of this cost is sewer work (\$7.66M). The total project funding needed for design and construction is currently estimated at \$12.73M.

Water Main Design Completion & Bidding:	\$140,000
Water Main Construction (including 20% Engineering & 15% Contingency):	\$4,721,086.44
Pleasant Street Water Main Replacement Recommended Budget:	\$4,861,086.44
Sewer Main Design Completion & Bidding:	\$210,000
Sewer Main Construction (including 20% Engineering & 15 % Contingency):	\$7,662,082.49
Pleasant Street Sewer Main Replacement Recommended Budget:	\$7,872,082.49

Pleasant Street Water and Sewer Replacement: Total Anticipated Project Cost:	\$12,733,168.93
---	------------------------

Please feel free to contact me if you have any questions or would like to discuss this project further.

Sincerely,


Apex Companies, LLC
Paul C. Millett, P.E.,
Senior Principal
O: 617.657.0276

Attachments:

- Attachment A – Design and Permitting Estimate
- Attachment B – Construction Cost Estimate
- Attachment C – Project Area Locus Map

ATTACHMENT A

Design and Permitting Estimate

Project Principal (Hours)	Senior Engineer (Hours)	Engineer (Hours)	Intern (Hours)	Project Scientist (Hours)	Project Manager (Hours)	Project Principal (Hours)	Project Proj. Man. (Hours)	Traffic ir. Proj. Man (Hours)	Traffic SPE (Hours)	Geotech Proj. Eng (Hours)	Admin (Hours)	Subs	Direct Expenses (k)
P. Millett	S. Castaneda	L. Howe-Januzzi	Technician	M. Franck	B. Mangano	Z. Kary	AM. Petricca	Jim F	Jason	J. Lambie			

Hours are estimated allowances

Task 1 Permitting

1 DOT	12	50	45	16		32								\$400.00	Travel-Mileage
2 MWRA 8 M	8	32	24	6		32									
3 Con Comm; NOI/SW report	6	20	32	12		24								\$800.00	mailing
Subtotal Hours	26	102	101	34	0	88	0	0	24	40	0	0			
Hourly Rate	\$295	\$220	\$190	\$120	\$185	\$248	\$295	\$260	\$270	\$220	\$190	\$105			
Total Labor	\$7,670	\$22,440	\$19,190	\$4,080	\$0	\$21,824	\$0	\$0	\$6,480	\$8,800	\$0	\$0			
Direct Expenses															\$1,200.00

Subtotal Task 1 \$ 91,740

Task 2 100% P,S,E

1 Client Meetings	24	24	16		0	24	0	0	0	0	0				\$1,600.00	Travel-Mileage
2 Update Drawings	12	100	160	80	12	80										
3 Prepare Specifications	8	44	80	32	16	32		12								
4 Basis of Design Report	8	24	40	12	6	24										
5 Cost Estimate	8	20	24	8	0	0										
6 QA/QC and cleanup	8	16	24	24	0	8	12	0	0	0	0					
Subtotal Hours	68	228	344	156	34	168	12	12	0	0	0	0				
Hourly Rate	\$295	\$220	\$190	\$120	\$185	\$248	\$295	\$260	\$270	\$220	\$190	\$105				
Total Labor	\$20,060	\$50,160	\$65,360	\$18,720	\$6,290	\$41,664	\$3,540	\$3,120	\$0	\$0	\$0	\$0				
Direct Expenses															\$1,600.00	

Subtotal Task 2 \$ 210,580

Task 3 Bidding Assistance

1 Prep Bid-ready Docs	2	20	20	16	4	8									\$200.00	Travel-Mileage
2 Attend Pre-Bid Meeting		6	0	0	0	6										
3 Issue (3) Addenda	2	12		12	0	12										
4 Review Bids/Recommend Award	2	12	0	12	0											
5 Assist w/contract	1		12		0	8										
Subtotal Hours	7	50	32	40	4	34	0	0	0	0	0	0				
Hourly Rate	\$295	\$220	\$190	\$120	\$185	\$248	\$295	\$260	\$270	\$220	\$190	\$105				
Total Labor	\$2,065	\$11,000	\$6,080	\$4,800	\$740	\$8,432	\$0	\$0	\$0	\$0	\$0	\$0				
Direct Expenses															\$200.00	

Subtotal Task 3 \$ 33,400

Task 1 \$ 91,740
Task 2 \$ 210,580
Task 3 \$ 33,400

TOTAL \$ 335,720

1 year escalation
say 4%

Task 4 Construction Phase Services

1 Client Meetings	40	40													\$400.00	Travel-Mileage
2 Bi weekly meetings		240				240									\$5,400	
3 Pay Reqs		120	160	60												
4 Shops drgs/RFI/field Orders		160	180	60	60	100	60	40	60							
5 Change Orders	24	120	80			60										
6 Site Visits		40	60			40										
7 Public Outreach/Community mtgs		20	40			40										
8 Resident Engineering		120	6500												\$22,400.00	
9 Record Drgs		120	80	120		16									\$500.00	
10 Closeout	8	16	24	24	0	12		0	0	0						
Subtotal Hours	92	1016	7084	264	60	508	0	60	40	60	0	0				
Hourly Rate	\$295	\$220	\$190	\$120	\$185	\$248	\$295	\$260	\$270	\$220	\$190	\$105				
Total Labor	\$27,140	\$223,520	\$1,345,960	\$31,680	\$11,100	\$125,984	\$0	\$15,600	\$10,800	\$13,200	\$0	\$0				
Direct Expenses															\$28,700.00	

Subtotal Task 4 \$ 1,834,900

Resident engineering based on 1.25 FTE for 2 years (104 weeks).
1.25x50x104 = 6500 hours
50 hrs/week



ATTACHMENT B
Construction Cost Estimate

Pleasant Street Pump Station Downstream Utility Replacement
City of Framingham, MA
254-2001
90% Design Opinion of Probable Construction Cost

WATER CONSTRUCTION					
Item No.	Description	Units	Bid Quantities	Unit Price	Extended Amount
1	Mobilization and Demobilization (5%)	LS	1	\$166,528.62	\$166,528.62
2	WATER MAINS				
2a	12-Inch DI Water Main	LF	5,020	\$310.00	\$1,556,200.00
2b	10-Inch DI Water Main	LF	10	\$285.20	\$2,852.00
2c	8-Inch DI Water Main	LF	260	\$248.00	\$64,480.00
2d	6-Inch DI Water Main	LF	130	\$248.00	\$32,240.00
2e	Additional Fittings	LB	2,000	\$6.20	\$12,400.00
3	VALVES AND HYDRANTS				
3a	12-Inch Gate Valves and Boxes	EA	26	\$6,200.00	\$161,200.00
3d	6-Inch Gate Valves and Boxes	EA	11	\$2,232.00	\$24,552.00
3e	Hydrant Assemblies	EA	11	\$9,300.00	\$102,300.00
4	WATER SERVICE TAPS AND CURB BOXES				
4a	1-Inch Water Service Taps and Curb Boxes	EA	30	\$1,240.00	\$37,200.00
4b	1.5-Inch Water Service Taps and Curb Boxes	EA	2	\$1,488.00	\$2,976.00
4c	2-Inch Water Service Taps and Curb Boxes	EA	1	\$1,736.00	\$1,736.00
5	WATER SERVICES				
5a	1-Inch Water Services	LF	600	\$124.00	\$74,400.00
5b	1.5-Inch Water Services	LF	70	\$148.80	\$10,416.00
5c	2-Inch Water Services	LF	40	\$173.60	\$6,944.00
6	TEMPORARY WATER BYPASS SYSTEM				
6	6-Inch Temporary Water Bypass Piping	LF	440	\$186.00	\$81,840.00
13	CONTAMINATED MATERIAL MANAGEMENT				
13a	AC Pipe Removal and Disposal	LF	170	\$68.20	\$11,594.00
13b	Management and Disposal of Crushed AC Pipe and AC Impacted Soils	CY	50	\$396.80	\$19,840.00
13c	Removal and Disposal of Unforeseen Asbestos	ALLOW	0.5	\$93,000.00	\$46,500.00
13d	Soil Management Plans	LS	0.5	\$93,000.00	\$46,500.00
13e	Removal and Disposal of Background or Unregulated Soil Materials	TON	50	\$24.80	\$1,240.00
13f	Removal and Disposal of Impacted Materials	TON	250	\$31.00	\$7,750.00
13g	Removal and Disposal of Unlined Landfill Materials	TON	375	\$55.80	\$20,925.00
13h	Removal and Disposal of Lined Landfill Materials	TON	50	\$62.00	\$3,100.00
14	REMOVAL/INSPECTION/ABANDONMENT OF UTILITIES				
14e	Remove and Dispose of Existing Cast Iron Water Main	LF	190	\$62.00	\$11,780.00
15	EARTHWORK				
15a	Exploratory Excavation	CY	125	\$42.16	\$5,270.00
15b	Excavation of Unsuitable Materials Below Trench Grade	CY	125	\$9.92	\$1,240.00
15c	Rock Excavation	CY	50	\$79.36	\$3,968.00
15d	Select Fill	CY	250	\$9.30	\$2,325.00
16	PAVEMENT (Water)				
16a	4-Inch Temporary Trench Pavement	SY	2,250	\$43.40	\$97,650.00
16b	6-Inch Intermediate Trench Pavement	SY	2,250	\$74.40	\$167,400.00
16c	2-Inch Milling	SY	8,250	\$9.92	\$81,840.00
16d	2-Inch Overlay	SY	8,250	\$24.80	\$204,600.00
16e	Miscellaneous Bituminous Concrete	TONS	125	\$71.92	\$8,990.00
17	RESTORATION (Water)				
17a	Bituminous Concrete Sidewalk	SY	40	\$18.60	\$744.00
17b	Bituminous Concrete Curb	LF	90	\$31.00	\$2,790.00
17d	Remove and Reset Granite Curb	LF	180	\$86.80	\$15,624.00
17e	Restoration of Growth	SY	109	\$131.44	\$14,316.44
17f	Remove and Replace Guardrail	LF	10	\$248.00	\$2,480.00
17g	Remove and Replace Chain Link Fence	LF	10	\$124.00	\$1,240.00
18	TRAFFIC MANAGEMENT				
18a	Uniformed Police Officer Allowance	ALLOW	0.4	\$471,200.00	\$188,480.00
18b	Traffic Management	LS	0.5	\$186,000.00	\$93,000.00
18c	Variable Message Boards	BOARD-WEEKS	50	\$279.00	\$13,950.00
19	MISCELLANEOUS				
19b	Utility Support and Coordination	ALLOW	0.5	\$62,000.00	\$31,000.00
19c	Abutter Relocation	ALLOW	0.5	\$12,400.00	\$6,200.00
19d	For Furnishing and Placing Environmental Protection	LS	0.5	\$31,000.00	\$15,500.00
19e	Miscellaneous Work and Cleanup	LS	0.5	\$62,000.00	\$31,000.00
Water Subtotal					\$3,497,101.07
Contingency (15%)					\$524,565.16
Engineering Services (20%)					\$699,420.21
Water Total (August 2025)					\$4,721,086.44



SEWER CONSTRUCTION					
Item No.	Description	Units	Bid Quantities	Unit Price	Extended Amount
1	Mobilization and Demobilization (5%)	LS	1	\$3,676.62	\$270,267.46
3	VALVES AND HYDRANTS				
3b	10-Inch Gate Valves and Boxes	EA	1	\$5,580.00	\$5,580.00
3c	8-Inch Gate Valves and Boxes	EA	12	\$4,340.00	\$52,080.00
7	GRAVITY SEWER MAINS				
7a	18-Inch SDR 35 PVC Gravity Sewer Pipe (0-ft to 12-ft Deep)	LF	1,030	\$291.40	\$300,142.00
7b	18-Inch SDR 35 PVC Gravity Sewer Pipe (12-ft to 18-ft Deep)	LF	20	\$310.00	\$6,200.00
7c	15-Inch SDR 35 PVC Gravity Sewer Pipe	LF	2,530	\$279.00	\$705,870.00
7d	8-Inch SDR 35 PVC Gravity Sewer Pipe	LF	50	\$217.00	\$10,850.00
8	SEWER FORCE MAINS				
8a	10-inch SDR 21 PVC Sewer Force Main	LF	1,530	\$179.80	\$275,094.00
8b	8-inch SDR 21 PVC Sewer Force Main	LF	75	\$148.80	\$11,160.00
8c	10-inch Epoxy Lined DI Sewer Force Main	LF	190	\$248.00	\$47,120.00
9	SEWER SERVICE CONNECTIONS				
9a	6-Inch PVC Gravity Sewer Service	LF	510	\$130.20	\$66,402.00
10	SEWER MANHOLES				
10a	4-foot Diameter Sewer Manhole	VF	170	\$1,240.00	\$210,800.00
10b	5-foot Diameter Sewer Manhole	VF	40	\$1,860.00	\$74,400.00
10c	4-foot Diameter Cleanout Manhole	EA	1	\$12,400.00	\$12,400.00
10d	4-foot Diameter Air Release Valve Manhole	EA	1	\$14,880.00	\$14,880.00
10e	6-foot Diameter Overflow Manhole	EA	1	\$37,200.00	\$37,200.00
10f	4-foot Diameter Doghouse Manhole	EA	1	\$24,800.00	\$24,800.00
10g	Sewer Manhole Frame and Cover	EA	25	\$1,178.00	\$29,450.00
10h	Remove and Dispose of Existing Sewer Manhole	EA	4	\$706.80	\$2,827.20
11	SEWER REHABILITATION				
11a	10-inch Cast Iron Gravity Sewer Cleaning, Cement Lining and Access Pits	LF	310	\$198.40	\$61,504.00
12	STORMWATER				
12a	4-foot Diameter Deep Sump Catch Basin	EA	2	\$7,440.00	\$14,880.00
12b	12-inch HDPE Drain Pipe	LF	30	\$198.40	\$5,952.00
12c	Removal and Replacement of Storm Water Utilities	IN-FT	900	\$18.60	\$16,740.00
13	CONTAMINATED MATERIAL MANAGEMENT				
13a	AC Pipe Removal and Disposal	LF	170	\$68.20	\$11,594.00
13b	Management and Disposal of Crushed AC Pipe and AC Impacted Soils	CY	50	\$396.80	\$19,840.00
13c	Removal and Disposal of Unforeseen Asbestos	ALLOW	0.5	\$93,000.00	\$46,500.00
13d	Soil Management Plans	LS	0.5	\$93,000.00	\$46,500.00
13e	Removal and Disposal of Background or Unregulated Soil Materials	TON	50	\$24.80	\$1,240.00
13f	Removal and Disposal of Impacted Materials	TON	250	\$31.00	\$7,750.00
13g	Removal and Disposal of Unlined Landfill Materials	TON	375	\$55.80	\$20,925.00
13h	Removal and Disposal of Lined Landfill Materials	TON	50	\$62.00	\$3,100.00
14	REMOVAL/INSPECTION/ABANDONMENT OF UTILITIES				
14a	Abandon Existing Sewer, Force Main and Water Main with LDCC	CY	550	\$3,720.00	\$2,046,000.00
14b	Abandon Existing Structure in Place with CDF	VF	140	\$186.00	\$26,040.00
14c	Cleaning and CCTV Inspection of Existing Sewer Lateral	EA	2	\$2,480.00	\$4,960.00
14d	Cleaning and CCTV Inspection of Existing Gravity Sewer	LF	340	\$12.40	\$4,216.00
15	EARTHWORK				
15a	Exploratory Excavation	CY	125	\$42.16	\$5,270.00
15b	Excavation of Unsuitable Materials Below Trench Grade	CY	125	\$9.92	\$1,240.00
15c	Rock Excavation	CY	50	\$79.36	\$3,968.00
15d	Select Fill	CY	250	\$9.30	\$2,325.00
16	PAVEMENT (Sewer)				
16a	4-Inch Temporary Trench Pavement	SY	2,845	\$43.40	\$123,469.72
16b	6-Inch Intermediate Trench Pavement	SY	2,845	\$74.40	\$211,662.38
16c	2-Inch Milling	SY	8,250	\$9.92	\$81,840.00
16d	2-Inch Overlay	SY	8,250	\$24.80	\$204,600.00
16e	Miscellaneous Bituminous Concrete	TONS	125	\$71.92	\$8,990.00
17	RESTORATION (Sewer)				
17a	Bituminous Concrete Sidewalk	SY	30	\$18.60	\$558.00
17b	Bituminous Concrete Curb	LF	25	\$31.00	\$775.00
17c	Cement Concrete Wheelchair Ramp	SY	20	\$124.00	\$2,480.00
17b	Remove and Reset Granite Curb	LF	150	\$86.80	\$13,020.00
17c	Restoration of Growth	SY	139	\$131.44	\$18,264.90
17d	Remove and Replace Guardrail	LF	10	\$248.00	\$2,480.00
17e	Remove and Replace Chain Link Fence	LF	10	\$124.00	\$1,240.00

18 TRAFFIC MANAGEMENT					
18a	Uniformed Police Officer Allowance	ALLOW	0.6	\$471,200.00	\$282,720.00
18b	Traffic Management	LS	0.5	\$186,000.00	\$93,000.00
18c	Variable Message Boards	DARD-WEE	50	\$279.00	\$13,950.00
19 MISCELLANEOUS					
19a	Clearing for Overflow Sewer	LS	1.0	\$24,800.00	\$24,800.00
19b	Utility Support and Coordination	ALLOW	0.5	\$62,000.00	\$31,000.00
19c	Abutter Relocation	ALLOW	0.5	\$12,400.00	\$6,200.00
19d	For Furnishing and Placing Environmental Protection	LS	0.5	\$31,000.00	\$15,500.00
19e	Miscellaneous Work and Cleanup	LS	0.5	\$62,000.00	\$31,000.00
Sewer Subtotal					\$5,675,616.66
Contingency (15%)					\$851,342.50
Engineering Services (20%)					\$1,135,123.33
Sewer Total (August 2025)					\$7,662,082.49

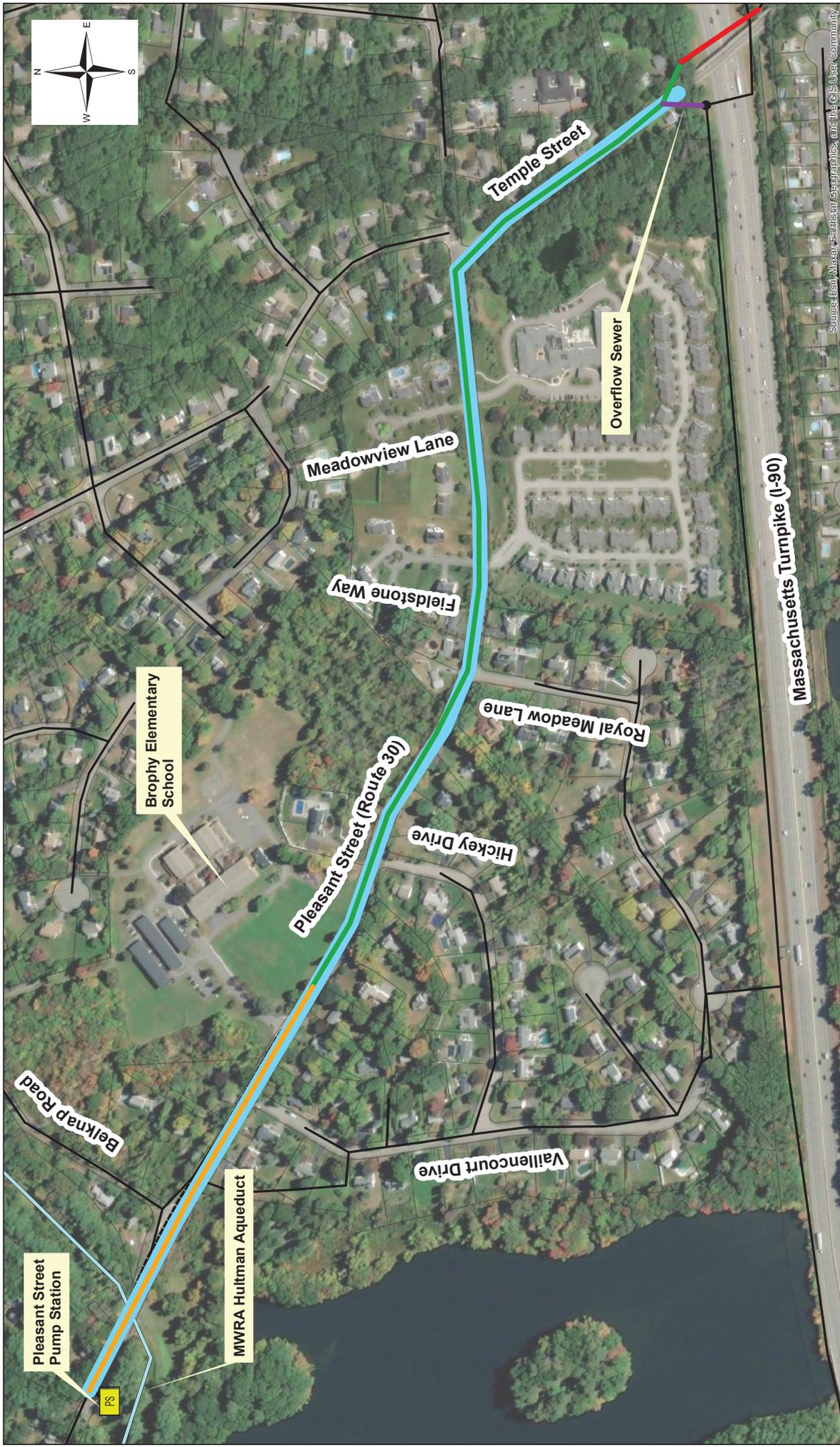
Pleasant Street Pump Station Downstream Utility Replacement
City of Framingham, MA
254-2001
90% Design Opinion of Probable Construction Cost - Combined Water and Sewer Construction

Item No.	Description	Units	Bid Quantities	Unit Price	Unit Price	Extended Amount
1	Mobilization and Demobilization (5%)	LS	1	\$59,083.86	\$436,796.08	\$436,796.08
2	WATER MAINS					
2a	12-Inch DI Water Main	LF	5,020	\$250.00	\$310.00	\$1,556,200.00
2b	10-Inch DI Water Main	LF	10	\$230.00	\$285.20	\$2,852.00
2c	8-Inch DI Water Main	LF	260	\$200.00	\$248.00	\$64,480.00
2d	6-Inch DI Water Main	LF	130	\$200.00	\$248.00	\$32,240.00
2e	Additional Fittings ⁽¹⁾	LB	2,000	\$5.00	\$6.20	\$12,400.00
3	VALVES AND HYDRANTS					
3a	12-Inch Gate Valves and Boxes	EA	26	\$5,000.00	\$6,200.00	\$161,200.00
3b	10-Inch Gate Valves and Boxes	EA	1	\$4,500.00	\$5,580.00	\$5,580.00
3c	8-Inch Gate Valves and Boxes	EA	12	\$3,500.00	\$4,340.00	\$52,080.00
3d	6-Inch Gate Valves and Boxes	EA	11	\$1,800.00	\$2,232.00	\$24,552.00
3e	Hydrant Assemblies	EA	11	\$7,500.00	\$9,300.00	\$102,300.00
4	WATER SERVICE TAPS AND CURB BOXES					
4a	1-Inch Water Service Taps and Curb Boxes	EA	30	\$1,000.00	\$1,240.00	\$37,200.00
4b	1.5-Inch Water Service Taps and Curb Boxes	EA	2	\$1,200.00	\$1,488.00	\$2,976.00
4c	2-Inch Water Service Taps and Curb Boxes	EA	1	\$1,400.00	\$1,736.00	\$1,736.00
5	WATER SERVICES					
5a	1-Inch Water Services	LF	600	\$100.00	\$124.00	\$74,400.00
5b	1.5-Inch Water Services	LF	70	\$120.00	\$148.80	\$10,416.00
5c	2-Inch Water Services	LF	40	\$140.00	\$173.60	\$6,944.00
6	TEMPORARY WATER BYPASS SYSTEM					
6	6-Inch Temporary Water Bypass Piping	LF	440	\$150.00	\$186.00	\$81,840.00
7	GRAVITY SEWER MAINS					
7a	18-Inch SDR 35 PVC Gravity Sewer Pipe (0-ft to 12-ft Deep)	LF	1,030	\$235.00	\$291.40	\$300,142.00
7b	18-Inch SDR 35 PVC Gravity Sewer Pipe (12-ft to 18-ft Deep)	LF	20	\$250.00	\$310.00	\$6,200.00
7c	15-Inch SDR 35 PVC Gravity Sewer Pipe	LF	2,530	\$225.00	\$279.00	\$705,870.00
7d	8-Inch SDR 35 PVC Gravity Sewer Pipe	LF	50	\$175.00	\$217.00	\$10,850.00
8	SEWER FORCE MAINS					
8a	10-inch SDR 21 PVC Sewer Force Main	LF	1,530	\$145.00	\$179.80	\$275,094.00
8b	8-inch SDR 21 PVC Sewer Force Main	LF	75	\$120.00	\$148.80	\$11,160.00
8c	10-inch Epoxy Lined DI Sewer Force Main	LF	190	\$200.00	\$248.00	\$47,120.00
9	SEWER SERVICE CONNECTIONS					
9a	6-Inch PVC Gravity Sewer Service	LF	510	\$105.00	\$130.20	\$66,402.00
10	SEWER MANHOLES					
10a	4-foot Diameter Sewer Manhole	VF	170	\$1,000.00	\$1,240.00	\$210,800.00
10b	5-foot Diameter Sewer Manhole	VF	40	\$1,500.00	\$1,860.00	\$74,400.00
10c	4-foot Diameter Cleanout Manhole	EA	1	\$10,000.00	\$12,400.00	\$12,400.00
10d	4-foot Diameter Air Release Valve Manhole	EA	1	\$12,000.00	\$14,880.00	\$14,880.00
10e	6-foot Diameter Overflow Manhole	EA	1	\$30,000.00	\$37,200.00	\$37,200.00
10f	4-foot Diameter Doghouse Manhole	EA	1	\$20,000.00	\$24,800.00	\$24,800.00
10g	Sewer Manhole Frame and Cover	EA	25	\$950.00	\$1,178.00	\$29,450.00
10h	Remove and Dispose of Existing Sewer Manhole	EA	4	\$570.00	\$706.80	\$2,827.20
11	SEWER REHABILITATION					
11a	Cleaning and Structural CIPP Lining - 10-inch Sewer	LF	310	\$160.00	\$198.40	\$61,504.00
12	STORMWATER					
12a	4-foot Diameter Deep Sump Catch Basin	EA	2	\$6,000.00	\$7,440.00	\$14,880.00
12b	12-inch HDPE Drain Pipe	LF	30	\$160.00	\$198.40	\$5,952.00
12c	Removal and Replacement of Storm Water Utilities ⁽¹⁾	IN-FT	900	\$15.00	\$18.60	\$16,740.00
13	CONTAMINATED MATERIAL MANAGEMENT					
13a	AC Pipe Removal and Disposal	LF	340	\$55.00	\$68.20	\$23,188.00
13b	Management and Disposal of Crushed AC Pipe and AC Impacted Soils ⁽¹⁾	CY	100	\$320.00	\$396.80	\$39,680.00
13c	Removal and Disposal of Unforeseen Asbestos ⁽¹⁾	ALLOW	1	\$75,000.00	\$93,000.00	\$93,000.00
13d	Soil Management Plans	LS	1	\$75,000.00	\$93,000.00	\$93,000.00
13e	Removal and Disposal of Background or Unregulated Soil Materials ⁽¹⁾	TON	100	\$20.00	\$24.80	\$2,480.00
13f	Removal and Disposal of Impacted Materials ⁽¹⁾	TON	500	\$25.00	\$31.00	\$15,500.00
13g	Removal and Disposal of Unlined Landfill Materials ⁽¹⁾	TON	750	\$45.00	\$55.80	\$41,850.00
13h	Removal and Disposal of Lined Landfill Materials ⁽¹⁾	TON	100	\$50.00	\$62.00	\$6,200.00

Pleasant Street Pump Station Downstream Utility Replacement
City of Framingham, MA
254-2001
90% Design Opinion of Probable Construction Cost - Combined Water and Sewer Construction

Item No.	Description	Units	Bid Quantities	Unit Price	Unit Price	Extended Amount
14 REMOVAL/INSPECTION/ABANDONMENT OF UTILITIES						
14a	Abandon Existing Sewer, Force Main and Water Main with LDCC	CY	550	\$3,000.00	\$3,720.00	\$2,046,000.00
14b	Abandon Existing Structure in Place with CDF	VF	140	\$150.00	\$186.00	\$26,040.00
14c	Cleaning and CCTV Inspection of Existing Sewer Lateral	EA	2	\$2,000.00	\$2,480.00	\$4,960.00
14d	Cleaning and CCTV Inspection of Existing Gravity Sewer	LF	340	\$10.00	\$12.40	\$4,216.00
14e	Remove and Dispose of Existing Cast Iron Water Main	LF	190	\$50.00	\$62.00	\$11,780.00
15 EARTHWORK						
15a	Exploratory Excavation	CY	250	\$34.00	\$42.16	\$10,540.00
15b	Excavation of Unsuitable Materials Below Trench Grade ⁽¹⁾	CY	250	\$8.00	\$9.92	\$2,480.00
15c	Rock Excavation ⁽¹⁾	CY	100	\$64.00	\$79.36	\$7,936.00
15d	Select Fill ⁽¹⁾	CY	500	\$7.50	\$9.30	\$4,650.00
16 PAVEMENT						
16a	4-Inch Temporary Trench Pavement	SY	5,095	\$35.00	\$43.40	\$221,119.72
16b	6-Inch Intermediate Trench Pavement	SY	5,095	\$60.00	\$74.40	\$379,062.38
16c	2-Inch Milling	SY	16,500	\$8.00	\$9.92	\$163,680.00
16d	2-Inch Overlay	SY	16,500	\$20.00	\$24.80	\$409,200.00
16e	Miscellaneous Bituminous Concrete ⁽¹⁾	TONS	250	\$58.00	\$71.92	\$17,980.00
17 RESTORATION						
17a	Bituminous Concrete Sidewalk	SY	70	\$15.00	\$18.60	\$1,302.00
17b	Bituminous Concrete Curb	LF	115	\$25.00	\$31.00	\$3,565.00
17c	Cement Concrete Wheelchair Ramp	SY	20	\$100.00	\$124.00	\$2,480.00
17d	Remove and Reset Granite Curb	LF	330	\$70.00	\$86.80	\$28,644.00
17e	Restoration of Growth	SY	248	\$106.00	\$131.44	\$32,581.35
17f	Remove and Replace Guardrail	LF	20	\$200.00	\$248.00	\$4,960.00
17g	Remove and Replace Chain Link Fence	LF	20	\$100.00	\$124.00	\$2,480.00
18 TRAFFIC MANAGEMENT						
18a	Uniformed Police Officer Allowance ⁽²⁾	ALLOW	1	\$380,000.00	\$471,200.00	\$471,200.00
18b	Traffic Management	LS	1	\$150,000.00	\$186,000.00	\$186,000.00
18c	Variable Message Boards	BOARD-WEEKS	100	\$225.00	\$279.00	\$27,900.00
19 MISCELLANEOUS						
19a	Clearing for Overflow Sewer	LS	1	\$20,000.00	\$24,800.00	\$24,800.00
19b	Utility Support and Coordination	ALLOW	1	\$50,000.00	\$62,000.00	\$62,000.00
19c	Abutter Relocation	ALLOW	1	\$10,000.00	\$12,400.00	\$12,400.00
19d	For Furnishing and Placing Environmental Protection	LS	1	\$25,000.00	\$31,000.00	\$31,000.00
19e	Miscellaneous Work and Cleanup	LS	1	\$50,000.00	\$62,000.00	\$62,000.00
				Subtotal	Subtotal	\$9,172,717.73
				Contingency (15%)	Contingency (15%)	\$1,375,907.66
				Engineering Services (20%)	Engineering Services (20%)	\$1,834,543.55
				Total (April 2022)	Total (August 2025)	\$12,383,168.93
				Total (October 2023)³		

ATTACHMENT C
Project Area Locus Map



Pleasant Street Water and Sewer Replacement - Phase I
Project Area Locus Map
Framingham, MA
August 2025

- Legend**
- Pump Station
 - Parcels
 - Existing Sewer
 - Force Main Replacement Limits
 - Water Main Replacement Limits
 - Gravity Replacement Sewer Limits
 - New Gravity Sewer Limits
 - Gravity Sewer Rehabilitation Limits



Source: Esri, Maxar, Earthstar, GeoGraphics, and the GIS User Community

City of Framingham 5 Year Capital Improvement Program FY2027-FY2031
Capital Project Request Form for FY2027 Projects

FY2027 Project requests must meet the definition of a Capital Project

A capital project is a major, nonrecurring expenditure that meets one or more of the following criteria:

The capital improvement is a tangible asset or project estimated to cost over \$25,000 and to have or to extend five or more years of useful life.

The community would legally be allowed to borrow for the expense under M.G.L. c. 44, § 7 and M.G.L. c.44, § 8.

The expenditure is for real property acquisitions, construction, and long-life capital equipment.

The project is for improvements to physical infrastructure (e.g., streets, sidewalks, and stormwater drains) and renovations of existing capital items that extend their useful lifespans.

The purchase or long-term capital lease is for vehicles or heavy equipment that have an expected useful life of 5 or more years.

The expenditure is to pay for the planning, engineering, or design services required for a construction or renewal project that itself qualifies as a capital expenditure.

The purchase is for bulk purchases of similar items, like software, furniture, or radios with an expected useful life of three or more years that, when aggregated, have total costs exceeding \$25,000.

Project Name Worcester Rd Sewer Improvements - Phase II

Project Status Resubmission

Department Sewer

Project Lead Name Robert Marchesseault

Email address rpm@framinghamma.gov Phone 6086

Project Fiscal Year 2027 Department Priority # 8

Priority - Select the appropriate priority level based on the definitions below:

Urgent - addresses an imminent risk to the safety of the public or municipal personnel, and/or prevents the imminent destruction or collapse of public infrastructure or loss of assets.

High - necessary to ensure consistent, level service for the upcoming fiscal year. This priority type includes systems that a likely to fail, e.g., replacement of old or worn-out equipment, dramatically rehabilitate aging facilities, or facilitate a department's ability to meet increased service demands.

Moderate - either replaces assets that have outlived their useful life, enhances a benefit to the community over and above the existing level of service, results in costs savings or other efficiencies, or directly supports community's economic base by increasing property values.

Low - provides additions or improvements to services or programs having social, cultural, historic, economic, or aesthetic value, but does not require immediate approval and implementation.

Physical location/address of project/equipment

0

Project Status - Select the appropriate priority level based on the definitions below:

New - first time submission

Recurring - a routine project that must be completed annually or periodically, such as upgrading a pumping station's infrastructure or rehabilitating athletic fields.

Resubmission - a project was submitted in a previous year but not approved.

Revision/Upgrade to Previous Project - the scope of this project has changed or requires additional resources.

Project Financing

Estimated Project Cost –Enter the estimated cost of the project or asset. You are required to attach any quotes or other documentation to support the cost.

Amount Requested \$ 4,920,000

Life Expectancy - provide the number of years the asset is expected to last 50

Estimated timeframe to complete project or to receive asset - in months or years, estimate the duration of the project or the timeframe for delivery of equipment or asset. For example, if a new ambulance requires a build out and delivery time of 1 year, enter 1 year.

Estimated date for completion or delivery 24 Months

Timeframe - Additional Explanation

Proposed Funding Sources - Provide (if applicable) any potential grants, donations, or other available funds to supplement the regular financing of capital projects and assets. Attach documentation of possible grant opportunities, along with the community's funding requirements for acceptance. Describe and provide documentation for available discounts or cost reductions, such as trade in value.

Bond General Fund

Bond Enterprise Fund

Free Cash/Retained Earnings

CPA

Grant

Other Type of Loan

Other

Matching Requirements

Additional explanation/information related to funding source(s)

Possible candidate for MWRA Funding

Project Description

Provide a basic description of the proposed project or equipment purchase, including:

- Location (if a building)
- Type of building
- Intended use(s)
- Whether land acquisition will be necessary (if a building)
- Discussion of primary cost drivers
- Stakeholders involved
- Narrative of qualification for specific funding source (e.g., grants, CPA)

The Worcester Road Water & Sewer Improvements - Phase II project is the second phase of a two-phase replacement and upgrade of the water and sewer utilities on Worcester Road. Phase I of the water and sewer utility upgrades were completed in 2020, and addressed the utilities on the Eastbound side of Worcester Road in this area. This companion design has been awaiting construction and will include replacement of approximately 1,600 feet of 8-inch diameter vitrified clay gravity sewer constructed in 1924 & 1949 on the Westbound side of Worcester Road (Route 9), between Concord Street and Caldor Road. The sewer replacement work will include construction of upsized gravity sewer pipe to manage increased future flows, and replacement of manholes and service pipes to the property line. Sewer upgrades including 325 feet of epoxy lining of existing unlined 8-inch and 10-inch ductile iron gravity sewer pipe, from Route 9 at Concord Street towards Sturges Road will also be included as part of this project. If funded, it will allow these water and sewer utility replacements and upgrades to be completed prior to MassDOT's planned paving of Worcester Road, currently scheduled to begin in FY2030.

Project Justification

Provide justification for the project. Highlight the specific benefits that will directly result from completing the project. These details may depend on the chosen priority level and purpose. For instance, if the priority level is "Moderate" and purpose is "Service Enhancement," describe any and all new benefits the project offers, including any cost savings or efficiencies. Additionally, state how the project will benefit community and administrative stakeholders and explain any negative impacts or potential consequences of not approving the project. This information is particularly important for projects classified as "Urgent/Compliance with Law" and

This sewer infrastructure, most of which is over 75 and 100 years old, serves major portions of Framingham's Golden Triangle retail and commercial center. The existing infrastructure is in poor condition and has exceeded its service life. Due to its age, this sewer main poses a significant risk of failure. Its location within Route 9, a MassDOT roadway, means emergency repairs are particularly challenging and result in major traffic disruptions. These sewers also require increased DPW resources to maintain due to their age and condition. New sewer pipes and manholes will reduce unwanted inflow and infiltration, improve reliability, reduce maintenance costs and demands on DPW resources, and reduce the potential and frequency of sewer service backups. The water main in the area is also in need of replacement, so combining the improvements into one project will provide an opportunity to reduce the construction cost of two critical projects, compared to constructing each separately. Funding this project, along with the Worcester Road Water Improvements Phase II project, is an opportunity to address sewer and water needs together as part of a single construction package, resulting in reduced impacts to the businesses in the area and those who travel on this busy roadway.

If project is phased over several years indicate how many phases are complete _____ 2 _____

Which phase of project is requested? _____ 2 _____

Purpose of Project - check all that apply and include detail on what is being replaced or requested as new

Replace existing infrastructure _____

Replace existing capital asset _____

Replace existing vehicle _____

Replace existing equipment _____

New infrastructure _____

New capital asset _____

New vehicle _____

New equipment _____

Strategic/Comprehensive/Master Plan _____

Project Type - check all that apply

Land acquisition _____

Planning/Feasibility Study _____

Design _____

Construction _____

Equipment _____

Vehicle _____

Contingency _____

Other _____

Asset Type

Land

Municipal Building

School Building

Water/Sewer Infrastructure

Roadway Infrastructure

Traffic/Streetlight Infrastructure

Waterway/Beach

Recreation Trail

Bridge

Park/Playground/Athletic Field

Vehicle

Equipment

Software/Technology

Refuge/Recycling Center

Other _____

Project Community Impact

Health & Safety

Education

Aesthetics/Historic preservation

Environmental sustainability

Economic development

Cultural/Recreational opportunity

Service Improvement

Level Service Maintenance

Impact to Operating/Enterprise Budgets - explain the project's temporary and/or long-term impact on the operating budget. For example, capital construction projects can result in increased operating costs. Costs may increase during the project's duration (e.g., increased use of one building while another is demolished and reconstructed) or be longer lasting, such as new a building resulting in increased utility costs or the hiring of additional maintenance personnel.

Increase/Decrease to Personnel \$ -

Explanation

Increase/Decrease to Operating \$ -

Explanation

Additional Information

Checklist for completion

X FY2027 Project Request PDF file includes form, updated vendor memos/quote/pricing, photos.

X Save each FY2027 project request as separate PDF file (Department name/Project Name) to T Drive/Finance/CIP 27-31/Department Folder



August 22, 2025

Mr. Robert Marchesseault, PE
Senior Project Manager
Department of Public Works
Capital Improvement Program
110 Western Avenue
Framingham, MA 01702

RE: Framingham: Capital Project Planning
Worcester Road Water and Sewer Improvements (WRWSI) Phase 2 - Westbound
Updated Cost Estimate

Dear Mr. Marchesseault,

As requested, Apex has updated the cost estimate for this project. The detailed cost estimate is attached, and assumes construction in 2027.

Construction of WRWSI Phase 1 – Eastbound was completed in 2020 and included improvements on the eastbound side of Worcester Road between Concord Street and the Natick town line. To coordinate with roadway construction work performed by the Massachusetts Department of Transportation, several sections of the WRWSI Phase 2 – Westbound Project were completed by the City in 2021 and 2022. The remaining Phase 2 – Westbound work is included in the attached cost estimate and includes replacement of approximately 2,600 linear feet of cast iron water mains and 1,600 linear feet of clay sewer mains between Caldor Road and Concord Street. All water and sewer services, manholes, hydrants, valves, and appurtenances will be replaced as part of the work.

The Phase 2 – Westbound design documents were completed by Apex (formerly Environmental Partners) in 2020. Additional design services totaling \$109,100 are required to incorporate updated utility information and City construction standards. Construction service costs are estimated to be \$1.01M. The construction cost, including contingency is estimated at \$11.25M. Approximately 57% of this cost is water main replacement (\$6.38M), and approximately 43% of this cost is sewer work (\$4.87M). The total project funding needed for design and construction is currently estimated at \$11.36M.

Water Main Design Completion & Bidding:	\$60,000
Water Main Construction (including Engineering & Contingency):	\$6,380,000
Worcester Road Water Improvements Recommended Budget:	\$6,440,000
Sewer Main Design Completion & Bidding:	\$49,100
Sewer Main Construction (including Engineering & Contingency):	\$4,870,900
Worcester Road Sewer Improvements Recommended Budget:	\$4,920,000
Worcester Road Water and Sewer Improvements: Total Anticipated Project Cost:	\$11,360,000

Please feel free to contact me if you have any questions or would like to discuss this project further.

Sincerely,

Apex Companies, LLC
Ryan J. Allgrove, P.E.
Principal
O: 617.657.0281
E: ryan.allgrove@apexcos.com

Worcester Road Water and Sewer Improvements Phase 2 - Westbound
City of Framingham, MA
254-1904
Opinion of Probable Construction Cost - Water and Sewer
Construction Mid-Point July 2027

Item No.	Description	Units	Bid Quantities	Unit Price	Extended Amount
1	Mobilization and Demobilization (5%)	LS	1	\$545,000.00	\$545,000.00
2	Preconstruction Video and Photographs	LS	1	\$45,000.00	\$45,000.00
3	WATER MAINS				
3a	12-Inch DI Water Main	LF	15	\$530.00	\$7,950.00
3b	8-Inch DI Water Main	LF	2630	\$470.00	\$1,236,100.00
3c	6-Inch DI Water Main	LF	100	\$450.00	\$45,000.00
4	GATE VALVES AND BOXES				
4a	8-Inch Gate Valves and Boxes	EA	19	\$4,500.00	\$85,500.00
4b	6-Inch Gate Valves and Boxes	EA	6	\$2,600.00	\$15,600.00
5	Hydrant Assemblies	EA	5	\$18,600.00	\$93,000.00
6	WATER SERVICE TAPS AND CURB BOXES				
6a	1-Inch Water Service Taps and Curb Boxes	EA	4	\$1,750.00	\$7,000.00
6b	1.5-Inch Water Service Taps and Curb Boxes	EA	2	\$2,350.00	\$4,700.00
6c	2-Inch Water Service Taps and Curb Boxes	EA	4	\$2,400.00	\$9,600.00
7	WATER SERVICES				
7a	1-Inch Water Services	LF	75	\$195.00	\$14,625.00
7b	1.5-Inch Water Services	LF	40	\$210.00	\$8,400.00
7c	2-Inch Water Services	LF	75	\$225.00	\$16,875.00
8	FIRE SERVICES				
8a	4-Inch Fire Service Connection	LF	25	\$350.00	\$8,750.00
8b	6-Inch Fire Service Connection	LF	65	\$240.00	\$15,600.00
8c	8-Inch Fire Service Connection	LF	20	\$415.00	\$8,300.00
9	TEMPORARY BYPASS SYSTEMS				
9a	6-Inch Temporary Bypass Piping	LF	1220	\$225.00	\$274,500.00
9b	8-Inch Temporary Bypass Piping	LF	2340	\$235.00	\$549,900.00
10	Additional Fittings	LB	1500	\$7.50	\$11,250.00
11	GRAVITY SEWERS				
11a	8-Inch SDR 35 PVC Gravity Sewer Pipe	LF	1070	\$645.00	\$690,150.00
11b	8-Inch SDR 21 PVC Gravity Sewer Pipe	LF	195	\$660.00	\$128,700.00
11c	10-Inch Epoxy Lined DI Gravity Sewer Pipe	LF	185	\$435.00	\$80,475.00
11d	8-Inch Epoxy Lined DI Gravity Sewer Pipe	LF	140	\$420.00	\$58,800.00
12	SEWER SERVICE CONNECTIONS				
12a	8-Inch PVC Gravity Sewer Service	LF	30	\$870.00	\$26,100.00
12b	6-Inch PVC Gravity Sewer Service (Westbound Side)	LF	205	\$845.00	\$173,225.00
12c	6-Inch Epoxy Lined DI Sewer Service (Westbound Side)	LF	65	\$845.00	\$54,925.00
13	SEWER MANHOLES				
13a	4-foot Diameter Sewer Manhole	VF	50	\$1,500.00	\$75,000.00
13b	5-foot Diameter Sewer Manhole	VF	24	\$1,750.00	\$42,000.00
13c	Sewer Manhole Frame and Cover	EA	9	\$1,350.00	\$12,150.00
13d	Rebuild Existing Sewer Manhole Invert	EA	1	\$3,100.00	\$3,100.00
13e	Remove and Dispose of Existing Sewer Manhole	EA	1	\$850.00	\$850.00
13f	Epoxy Line Sewer Manhole	VF	10	\$875.00	\$8,750.00
13g	Cement Line Existing Sewer Manhole	VF	5	\$450.00	\$2,250.00

Worcester Road Water and Sewer Improvements Phase 2 - Westbound
City of Framingham, MA
254-1904
Opinion of Probable Construction Cost - Water and Sewer
Construction Mid-Point July 2027

Item No.	Description	Units	Bid Quantities	Unit Price	Extended Amount
14	STORMWATER				
14a	Removal and Replacement of Storm Drain Utilities	IN-FT	2000	\$15.00	\$30,000.00
15	CONTAMINATED MATERIAL MANAGEMENT				
15a	AC Pipe Removal and Disposal	LF	20	\$90.00	\$1,800.00
15b	Management and Disposal of Crushed AC Pipe and AC Impacted soils	CY	100	\$335.00	\$33,500.00
15c	Removal and Disposal of Unforeseen Asbestos	ALLOW	1	\$180,000.00	\$180,000.00
15d	Soil Management Plans	LS	1	\$180,000.00	\$180,000.00
15e	Removal and Disposal of Background or Unregulated Soil Materials	TON	4000	\$100.00	\$400,000.00
15f	Removal and Disposal of Impacted Materials	TON	1500	\$125.00	\$187,500.00
15g	Removal and Disposal of Unlined Landfill Materials	TON	500	\$200.00	\$100,000.00
15h	Removal and Disposal of Lined Landfill Materials	TON	500	\$330.00	\$165,000.00
15i	Treatment of Contaminated Groundwater	ALLOW	1	\$75,000.00	\$75,000.00
16	REMOVAL/ABANDONMENT OF UTILITIES				
16a	Abandon Existing Sewer/Water Main with LDCC	CY	10	\$4,300.00	\$43,000.00
16b	Abandon Existing Structure in Place with CDF	CY	150	\$175.00	\$26,250.00
16c	Cleaning and CCTV Inspection of Existing Sewer Lateral	EA	15	\$2,900.00	\$43,500.00
16d	Cut, Cap, Abandon Sewer Lateral in Place	EA	26	\$1,500.00	\$39,000.00
17	EARTH EXCAVATION				
17a	Exploratory Excavation	CY	265	\$50.00	\$13,250.00
17b	Excavation of Unsuitable Materials Below Trench Grade	CY	500	\$12.00	\$6,000.00
17c	For Performing Soil Compaction Tests, as Specified	1/2 Day	330	\$475.00	\$156,750.00
17d	Rock Excavation	CY	250	\$100.00	\$25,000.00
18	ADDITIONAL MATERIALS				
18a	Select Fill	CY	800	\$11.00	\$8,800.00
18b	Special Borrow M1.02.0	CY	5000	\$15.00	\$75,000.00
18c	1500 PSI Concrete	CY	200	\$45.00	\$9,000.00
19	PAVEMENT				
19a	4-Inch Temporary Trench Pavement	SY	2800	\$85.00	\$238,000.00
19b	12-Inch Intermediate Trench Pavement	SY	5000	\$165.00	\$825,000.00
19c	2-Inch Milling	SY	7250	\$12.00	\$87,000.00
19d	2-Inch Overlay	SY	7250	\$35.00	\$253,750.00
20	RESTORATION				
20a	Bituminous Concrete Sidewalk	SY	135	\$22.00	\$2,970.00
20b	Portland Cement Concrete Sidewalk	SY	235	\$93.00	\$21,855.00
20c	Guard Rail	LF	325	\$290.00	\$94,250.00
20d	Miscellaneous Bituminous Concrete	TONS	500	\$90.00	\$45,000.00
20e	Remove and Reset Granite Curb	LF	640	\$105.00	\$67,200.00
20f	Restoration of Growth	SY	100	\$155.00	\$15,500.00
21	Uniformed Police Officer Allowance	ALLOW	1	\$744,000.00	\$744,000.00
22	Traffic Management	LS	1	\$248,000.00	\$248,000.00
23	Variable Message Boards as Shown and Specified	BOARD-WEEKS	80	\$330.00	\$26,400.00
24	Utility Support and Coordination	ALLOW	1	\$290,000.00	\$290,000.00
25	Abutter Relocation	ALLOW	1	\$15,000.00	\$15,000.00
26	For Furnishing and Placing Environmental Protection	LS	1	\$37,000.00	\$37,000.00
27	Miscellaneous Work and Cleanup	LS	1	\$145,000.00	\$145,000.00
				Subtotal	\$9,313,400.00
				Contingency (10%)	\$931,340.00
				Engineering Services (12%)	\$1,117,600.00
				Total (Rounded)	\$11,360,000.00

Worcester Road Water and Sewer Improvements Phase 2 - Westbound
City of Framingham, MA
254-1904
100% Design Revised Opinion of Probable Construction Cost - Water
Construction Mid-Point July 2027

Item No.	Description	Units	Water Quantities	Unit Price	Extended Amount
1	Mobilization and Demobilization (5%)	LS	1	\$308,000.00	\$308,000.00
2	Preconstruction Video and Photographs	LS	0.5	\$45,000.00	\$22,500.00
3	WATER MAINS				
3a	12-Inch DI Water Main	LF	15	\$530.00	\$7,950.00
3b	8-Inch DI Water Main	LF	2630	\$470.00	\$1,236,100.00
3c	6-Inch DI Water Main	LF	100	\$450.00	\$45,000.00
4	GATE VALVES AND BOXES				
4a	8-Inch Gate Valves and Boxes	EA	19	\$4,500.00	\$85,500.00
4b	6-Inch Gate Valves and Boxes	EA	6	\$2,600.00	\$15,600.00
5	Hydrant Assemblies	EA	5	\$18,600.00	\$93,000.00
6	WATER SERVICE TAPS AND CURB BOXES				
6a	1-Inch Water Service Taps and Curb Boxes	EA	4	\$1,750.00	\$7,000.00
6b	1.5-Inch Water Service Taps and Curb Boxes	EA	2	\$2,350.00	\$4,700.00
6c	2-Inch Water Service Taps and Curb Boxes	EA	4	\$2,400.00	\$9,600.00
7	WATER SERVICES				
7a	1-Inch Water Services	LF	75	\$195.00	\$14,625.00
7b	1.5-Inch Water Services	LF	40	\$210.00	\$8,400.00
7c	2-Inch Water Services	LF	75	\$225.00	\$16,875.00
8	FIRE SERVICES				
8a	4-Inch Fire Service Connection	LF	25	\$350.00	\$8,750.00
8b	6-Inch Fire Service Connection	LF	65	\$240.00	\$15,600.00
8c	8-Inch Fire Service Connection	LF	20	\$415.00	\$8,300.00
9	TEMPORARY BYPASS SYSTEMS				
9a	6-Inch Temporary Bypass Piping	LF	1220	\$225.00	\$274,500.00
9b	8-Inch Temporary Bypass Piping	LF	2340	\$235.00	\$549,900.00
10	Additional Fittings	LB	1500	\$7.50	\$11,250.00
14	STORMWATER				
14a	Removal and Replacement of Storm Drain Utilities	IN-FT	1000	\$15.00	\$15,000.00
15	CONTAMINATED MATERIAL MANAGEMENT				
15c	Removal and Disposal of Unforeseen Asbestos	ALLOW	0.5	\$180,000.00	\$90,000.00
15d	Soil Management Plans	LS	0.5	\$180,000.00	\$90,000.00
15e	Removal and Disposal of Background or Unregulated Soil Materials	TON	2000	\$100.00	\$200,000.00
15f	Removal and Disposal of Impacted Materials	TON	750	\$125.00	\$93,750.00
15g	Removal and Disposal of Unlined Landfill Materials	TON	250	\$200.00	\$50,000.00
15h	Removal and Disposal of Lined Landfill Materials	TON	250	\$330.00	\$82,500.00
15i	Treatment of Contaminated Groundwater	ALLOW	0.5	\$75,000.00	\$37,500.00
16	REMOVAL/ABANDONMENT OF UTILITIES				
16a	Abandon Existing Sewer/Water Main with LDCC	CY	10	\$4,300.00	\$43,000.00
17	EARTH EXCAVATION				
17a	Exploratory Excavation	CY	132.5	\$50.00	\$6,625.00
17b	Excavation of Unsuitable Materials Below Trench Grade	CY	250	\$12.00	\$3,000.00
17c	For Performing Soil Compaction Tests, as Specified	1/2 Day	165	\$475.00	\$78,375.00
17d	Rock Excavation	CY	125	\$100.00	\$12,500.00
18	ADDITIONAL MATERIALS				
18a	Select Fill	CY	400	\$11.00	\$4,400.00
18b	Special Borrow M1.02.0	CY	2500	\$15.00	\$37,500.00
18c	1500 PSI Concrete	CY	100	\$45.00	\$4,500.00
19	PAVEMENT				
19a	4-Inch Temporary Trench Pavement	SY	1340	\$85.00	\$113,900.00
19b	12-Inch Intermediate Trench Pavement	SY	2675	\$165.00	\$441,375.00
19c	2-Inch Milling	SY	3625	\$12.00	\$43,500.00
19d	2-Inch Overlay	SY	3625	\$35.00	\$126,875.00
20	RESTORATION				
20a	Bituminous Concrete Sidewalk	SY	67.5	\$22.00	\$1,485.00
20b	Portland Cement Concrete Sidewalk	SY	235	\$93.00	\$21,855.00
20c	Guard Rail	LF	325	\$290.00	\$94,250.00
20d	Miscellaneous Bituminous Concrete	TONS	250	\$90.00	\$22,500.00
20e	Remove and Reset Granite Curb	LF	585	\$105.00	\$61,425.00
20f	Restoration of Growth	SY	50	\$155.00	\$7,750.00
21	Uniformed Police Officer Allowance	ALLOW	0.5	\$744,000.00	\$372,000.00
22	Traffic Management	LS	0.5	\$248,000.00	\$124,000.00
23	Variable Message Boards as Shown and Specified	BOARD-WEEKS	40	\$330.00	\$13,200.00
24	Utility Support and Coordination	ALLOW	0.5	\$290,000.00	\$145,000.00
25	Abutter Relocation	ALLOW	0.5	\$15,000.00	\$7,500.00
26	For Furnishing and Placing Environmental Protection	LS	0.5	\$37,000.00	\$18,500.00

Worcester Road Water and Sewer Improvements Phase 2 - Westbound
 City of Framingham, MA
 254-1904
 100% Design Revised Opinion of Probable Construction Cost - Water
 Construction Mid-Point July 2027

Item No.	Description	Units	Water Quantities	Unit Price	Extended Amount
27	Miscellaneous Work and Cleanup	LS	0.5	\$145,000.00	\$72,500.00
	Subtotal				\$5,279,415.00
	Contingency (10%)				\$527,941.50
	Engineering Services (12%)				\$633,600.00
	Total (Rounded)				\$6,440,000.00

Worcester Road Water and Sewer Improvements Phase 2 - Westbound
City of Framingham, MA
254-1904
100% Design Revised Opinion of Probable Construction Cost - Sewer
Construction Mid-Point July 2027

Item No.	Description	Units	Sewer Quantities	Unit Price	Extended Amount	
1	Mobilization and Demobilization (5%)	LS	1	\$237,000.00	\$237,000.00	
2	Preconstruction Video and Photographs	LS	0.5	\$45,000.00	\$22,500.00	
11	GRAVITY SEWERS					
11a	8-Inch SDR 35 PVC Gravity Sewer Pipe	LF	1070	\$645.00	\$690,150.00	
11b	8-Inch SDR 21 PVC Gravity Sewer Pipe	LF	195	\$660.00	\$128,700.00	
11c	10-Inch Epoxy Lined DI Gravity Sewer Pipe	LF	185	\$435.00	\$80,475.00	
11d	8-Inch Epoxy Lined DI Gravity Sewer Pipe	LF	140	\$420.00	\$58,800.00	
12	SEWER SERVICE CONNECTIONS					
12a	8-inch PVC Gravity Sewer Service	LF	30	\$870.00	\$26,100.00	
12b	6-Inch PVC Gravity Sewer Service (Westbound Side)	LF	205	\$845.00	\$173,225.00	
12c	6-Inch Epoxy Lined DI Sewer Service (Westbound Side)	LF	65	\$845.00	\$54,925.00	
13	SEWER MANHOLES					
13a	4-foot Diameter Sewer Manhole	VF	50	\$1,500.00	\$75,000.00	
13b	5-foot Diameter Sewer Manhole	VF	24	\$1,750.00	\$42,000.00	
13c	Sewer Manhole Frame and Cover	EA	9	\$1,350.00	\$12,150.00	
13d	Rebuild Existing Sewer Manhole Invert	EA	1	\$3,100.00	\$3,100.00	
13e	Remove and Dispose of Existing Sewer Manhole	EA	1	\$850.00	\$850.00	
13f	Epoxy Line Sewer Manhole	VF	10	\$875.00	\$8,750.00	
13g	Cement Line Existing Sewer Manhole	VF	5	\$450.00	\$2,250.00	
14	STORMWATER					
14a	Removal and Replacement of Storm Drain Utilities	IN-FT	1000	\$15.00	\$15,000.00	
15	CONTAMINATED MATERIAL MANAGEMENT					
15a	AC Pipe Removal and Disposal	LF	20	\$90.00	\$1,800.00	
15b	Management and Disposal of Crushed AC Pipe and AC Impacted soils	CY	100	\$335.00	\$33,500.00	
15c	Removal and Disposal of Unforeseen Asbestos	ALLOW	0.5	\$180,000.00	\$90,000.00	
15d	Soil Management Plans	LS	0.5	\$180,000.00	\$90,000.00	
15e	Removal and Disposal of Background or Unregulated Soil Materials	TON	2000	\$100.00	\$200,000.00	
15f	Removal and Disposal of Impacted Materials	TON	750	\$125.00	\$93,750.00	
15g	Removal and Disposal of Unlined Landfill Materials	TON	250	\$200.00	\$50,000.00	
15h	Removal and Disposal of Lined Landfill Materials	TON	250	\$330.00	\$82,500.00	
15i	Treatment of Contaminated Groundwater	ALLOW	0.5	\$75,000.00	\$37,500.00	
16	REMOVAL/ABANDONMENT OF UTILITIES					
16b	Abandon Existing Structure in Place with CDF	CY	150	\$175.00	\$26,250.00	
16c	Cleaning and CCTV Inspection of Existing Sewer Lateral	EA	15	\$2,900.00	\$43,500.00	
16d	Cut, Cap, Abandon Sewer Lateral in Place	EA	26	\$1,500.00	\$39,000.00	
17	EARTH EXCAVATION					
17a	Exploratory Excavation	CY	132.5	\$50.00	\$6,625.00	
17b	Excavation of Unsuitable Materials Below Trench Grade	CY	250	\$12.00	\$3,000.00	
17c	For Performing Soil Compaction Tests, as Specified	1/2 Day	165	\$475.00	\$78,375.00	
17d	Rock Excavation	CY	125	\$100.00	\$12,500.00	
18	ADDITIONAL MATERIALS					
18a	Select Fill	CY	400	\$11.00	\$4,400.00	
18b	Special Borrow M1.02.0	CY	2500	\$15.00	\$37,500.00	
18c	1500 PSI Concrete	CY	100	\$45.00	\$4,500.00	
19	PAVEMENT					
19a	4-Inch Temporary Trench Pavement	SY	1460	\$85.00	\$124,100.00	
19b	12-Inch Intermediate Trench Pavement	SY	2325	\$165.00	\$383,625.00	
19c	2-Inch Milling	SY	3625	\$12.00	\$43,500.00	
19d	2-Inch Overlay	SY	3625	\$35.00	\$126,875.00	
20	RESTORATION					
20a	Bituminous Concrete Sidewalk	SY	67.5	\$22.00	\$1,485.00	
20d	Miscellaneous Bituminous Concrete	TONS	250	\$90.00	\$22,500.00	
20e	Remove and Reset Granite Curb	LF	55	\$105.00	\$5,775.00	
20f	Restoration of Growth	SY	50	\$155.00	\$7,750.00	
21	Uniformed Police Officer Allowance	ALLOW	0.5	\$744,000.00	\$372,000.00	
22	Traffic Management	LS	0.5	\$248,000.00	\$124,000.00	
23	Variable Message Boards as Shown and Specified	BOARD-WEEKS	40	\$330.00	\$13,200.00	
24	Utility Support and Coordination	ALLOW	0.5	\$290,000.00	\$145,000.00	
25	Abutter Relocation	ALLOW	0.5	\$15,000.00	\$7,500.00	
26	For Furnishing and Placing Environmental Protection	LS	0.5	\$37,000.00	\$18,500.00	
27	Miscellaneous Work and Cleanup	LS	0.5	\$145,000.00	\$72,500.00	
					Subtotal	\$4,033,985.00
					Contingency (10%)	\$403,398.50
					Engineering Services (12%)	\$484,000.00
					Total (Rounded)	\$4,920,000.00

Worcester Road Utilities Phase II - Westbound
Engineering Services
Updated August 2025

	Project Principal (Hours)	Senior Engineer (Hours)	Engineer (Hours)	Intern (Hours)	Project Scientist (Hours)	Project Manager (Hours)	Project Principal (Hours)	Project Proj. Man. (Hours)	Traffic Jr. Proj. Man (Hours)	Traffic SPE (Hours)	Direct Expenses (\$)
	R. Allgrove	S. Castaneda	L. Howe-Januzzi	Technician	M. Franck	B. Mangan	Z. Kary	AM. Petrica	Jim F	Jason	

Task 1 - 100% P,S,E

1	Client Meetings	18	18	12			18				\$1,600.00	Travel-Mileage
2	Update Drawings	6	20	16	8	3	16					
3	Field Checks	6	18	8	8							
4	Prepare Specifications	8	12	16	8	8	16	12				
5	QA/QC and cleanup	12	16	16	16		8	12				

Subtotal Hours		50	84	68	40	11	58	12	12	0	0	
Hourly Rate		\$295	\$220	\$190	\$120	\$185	\$248	\$295	\$260	\$270	\$220	
Total Labor		\$14,750	\$18,480	\$12,920	\$4,800	\$2,035	\$14,384	\$3,540	\$3,120	\$0	\$0	
Direct Expenses												\$1,600.00

Subtotal Task 1 \$ 75,700

Task 2 - Bidding Assistance

1	Prep Bid-ready Docs	2	20	20	16	4	8					\$200.00	Travel-Mileage
2	Attend Pre-Bid Meeting		6	0	0	0	6						
3	Issue (3) Addenda	2	12		12	0	12						
4	Review Bids/Recommend Award	2	12	0	12	0							
5	Assist w/contract	1		12		0	8						

Subtotal Hours		7	50	32	40	4	34	0	0	0	0	
Hourly Rate		\$295	\$220	\$190	\$120	\$185	\$248	\$295	\$260	\$270	\$220	
Total Labor		\$2,065	\$11,000	\$6,080	\$4,800	\$740	\$8,432	\$0	\$0	\$0	\$0	
Direct Expenses												\$200.00

Subtotal Task 2 \$ 33,400

Task 3 - Construction Phase Services

1	Client Meetings	24	24									\$400.00	Travel-Mileage
2	Bi weekly meetings		75				75					\$5,400	Travel-Mileage
3	Pay Reqs		80	85	40								
4	Shops drgs/RFI/field Orders		100	140	50	50	80	50	30	50			
5	Change Orders	24	80	60			40						
6	Site Visits		30	46			30						
7	Public Outreach/Community mtgs	20	36				36						
8	Resident Engineering		80	3250								\$14,000	Travel-Mileage
9	Record Drgs		80	60	80		16					\$500	Travel-Mileage
10	Closeout	8	16	24	24		12						

Subtotal Hours		76	601	3665	194	50	289	0	50	30	50	
Hourly Rate		\$295	\$220	\$190	\$120	\$185	\$248	\$295	\$260	\$270	\$220	
Total Labor		\$22,420	\$132,220	\$696,350	\$23,280	\$9,250	\$71,672	\$0	\$13,000	\$8,100	\$11,000	
Direct Expenses												\$20,300.00

Subtotal Task 3 \$ 1,008,500

Resident engineering based on 1.25 FTE for 1 year (52 weeks).
 1.25x50x52 = 3250 hours
 50 hrs/week

Task 1 \$ 75,700
 Task2 \$ 33,400
 Task 3 \$ 1,008,500
 Total: \$ 1,117,600



City of Framingham 5 Year Capital Improvement Program FY2027-FY2031
Capital Project Request Form for FY2027 Projects

FY2027 Project requests must meet the definition of a Capital Project

A capital project is a major, nonrecurring expenditure that meets one or more of the following criteria:

The capital improvement is a tangible asset or project estimated to cost over \$25,000 and to have or to extend five or more years of useful life.

The community would legally be allowed to borrow for the expense under M.G.L. c. 44, § 7 and M.G.L. c.44, § 8.

The expenditure is for real property acquisitions, construction, and long-life capital equipment.

The project is for improvements to physical infrastructure (e.g., streets, sidewalks, and stormwater drains) and renovations of existing capital items that extend their useful lifespans.

The purchase or long-term capital lease is for vehicles or heavy equipment that have an expected useful life of 5 or more years.

The expenditure is to pay for the planning, engineering, or design services required for a construction or renewal project that itself qualifies as a capital expenditure.

The purchase is for bulk purchases of similar items, like software, furniture, or radios with an expected useful life of three or more years that, when aggregated, have total costs exceeding \$25,000.

Project Name Worcester Road - Temple Street West Sewer Main Replacement - Design

Project Status New

Department Sewer

Project Lead Name William Sedewitz

Email address wrs@framinghamma.gov Phone 6012

Project Fiscal Year 2027 Department Priority # 9

Priority - Select the appropriate priority level based on the definitions below:

Urgent - addresses an imminent risk to the safety of the public or municipal personnel, and/or prevents the imminent destruction or collapse of public infrastructure or loss of assets.

High - necessary to ensure consistent, level service for the upcoming fiscal year. This priority type includes systems that a likely to fail, e.g., replacement of old or worn-out equipment, dramatically rehabilitate aging facilities, or facilitate a department's ability to meet increased service demands.

Moderate - either replaces assets that have outlived their useful life, enhances a benefit to the community over and above the existing level of service, results in costs savings or other efficiencies, or directly supports community's economic base by increasing property values.

Low - provides additions or improvements to services or programs having social, cultural, historic, economic, or aesthetic value, but does not require immediate approval and implementation.

Physical location/address of project/equipment

Worcester Road west of Temple Street

Project Status - Select the appropriate priority level based on the definitions below:

New - first time submission

Recurring - a routine project that must be completed annually or periodically, such as upgrading a pumping station's infrastructure or rehabilitating athletic fields.

Resubmission - a project was submitted in a previous year but not approved.

Revision/Upgrade to Previous Project - the scope of this project has changed or requires additional resources.

Project Financing

Estimated Project Cost –Enter the estimated cost of the project or asset. You are required to attach any quotes or other documentation to support the cost.

Amount Requested \$ 230,000

Life Expectancy - provide the number of years the asset is expected to last 50

Estimated timeframe to complete project or to receive asset - in months or years, estimate the duration of the project or the timeframe for delivery of equipment or asset. For example, if a new ambulance requires a build out and delivery time of 1 year, enter 1 year.

Estimated date for completion or delivery 12 Months

Timeframe - Additional Explanation

Proposed Funding Sources - Provide (if applicable) any potential grants, donations, or other available funds to supplement the regular financing of capital projects and assets. Attach documentation of possible grant opportunities, along with the community's funding requirements for acceptance. Describe and provide documentation for available discounts or cost reductions, such as trade in value.

Bond General Fund

Bond Enterprise Fund

Free Cash/Retained Earnings

____ CPA

____ Grant

____ Other Type of Loan

____ Other

____ Matching Requirements

Additional explanation/information related to funding source(s)

Project Description

Provide a basic description of the proposed project or equipment purchase, including:

- Location (if a building)
- Type of building
- Intended use(s)
- Whether land acquisition will be necessary (if a building)
- Discussion of primary cost drivers
- Stakeholders involved
- Narrative of qualification for specific funding source (e.g., grants, CPA)

This appropriation will provide design funding for sewer main lining, rehabilitation, and replacement on Worcester Road (Route 9) from California Avenue to Temple Street, to be completed in advance of roadway paving by MassDOT planned for FY2030. The sewers to be addressed include 6-inch, 8-inch and 10-inch diameter asbestos from 1960 and 8-inch and 10-inch diameter vitrified clay from 1946. The anticipated length of sewer to upgraded is approximately 3,700 linear feet.

Project Justification

Provide justification for the project. Highlight the specific benefits that will directly result from completing the project. These details may depend on the chosen priority level and purpose. For instance, if the priority level is “Moderate” and purpose is “Service Enhancement,” describe any and all new benefits the project offers, including any cost savings or efficiencies. Additionally, state how the project will benefit community and administrative stakeholders and explain any negative impacts or potential consequences of not approving the project. This information is particularly important for projects classified as “Urgent/Compliance with Law” and

The existing sewer mains require rehabilitation or replacement due to their age, condition, size, and materials. Completing this work in advance of MassDOT Project 613639, which is scheduled to start in the spring of 2030, will result in lower costs to the city as MassDOT won't require as stringent pavement restoration requirements. Improvements to the sewer will also reduce the likelihood of sewer failures within MassDOT's roadway following restoration work, which would require the city to disturb the newly paved surface.

If project is phased over several years indicate how many phases are complete N/A

Which phase of project is requested? N/A

Purpose of Project - check all that apply and include detail on what is being replaced or requested as new

Replace existing infrastructure

Replace existing capital asset

Replace existing vehicle

Replace existing equipment

New infrastructure

New capital asset

New vehicle

New equipment

Strategic/Comprehensive/Master Plan

Project Type - check all that apply

Land acquisition

Planning/Feasibility Study

Design

Construction

Equipment

Vehicle

Contingency

Other

Asset Type

Land

Municipal Building

School Building

Water/Sewer Infrastructure

Roadway Infrastructure

Traffic/Streetlight Infrastructure

Waterway/Beach

Recreation Trail

Bridge

Park/Playground/Athletic Field

Vehicle

Equipment

Software/Technology

Refuge/Recycling Center

Other _____

Project Community Impact

Health & Safety

Education

Aesthetics/Historic preservation

Environmental sustainability

Economic development

Cultural/Recreational opportunity

Service Improvement

Level Service Maintenance

Impact to Operating/Enterprise Budgets - explain the project's temporary and/or long-term impact on the operating budget. For example, capital construction projects can result in increased operating costs. Costs may increase during the project's duration (e.g., increased use of one building while another is demolished and reconstructed) or be longer lasting, such as new a building resulting in increased utility costs or the hiring of additional maintenance personnel.

Increase/Decrease to Personnel \$ -

Explanation

Increase/Decrease to Operating \$ -

Explanation

Additional Information

Checklist for completion

X FY2027 Project Request PDF file includes form, updated vendor memos/quote/pricing, photos.

X Save each FY2027 project request as separate PDF file (Department name/Project Name) to T Drive/Finance/CIP 27-31/Department Folder



CITY OF FRAMINGHAM

DEPARTMENT OF PUBLIC WORKS | OPERATIONS

OPERATIONS CENTER
100 Western Avenue
Framingham, MA 01702

508-532-6050
water@framinghamma.gov
www.framinghamma.gov

MEMORANDUM

DATE: 9/4/25

TO: Steve Leone
Director Water & Wastewater

FROM: William Sedewitz, P.E.
Senior Project Manager

RE: FY2027 Worcester Road - Temple Street West Water & Sewer Main Replacement - Design

The existing water infrastructure on the western portion of Worcester Road (Route 9) includes 8" and 12" cast iron pipe. The majority of this piping was installed in 1900, with some sections installed in the 1960s and 1970s. Given its age and material, this piping should be replaced. In addition, the city's water transmission network, particularly between the Pleasant Street pump station and the Merriam Hill tank is constrained between California Avenue and Gates Street. It is recommended that this section of water piping be upsized to 16" diameter to enhance system redundancy and resiliency. The existing sewer infrastructure along this same section of Worcester Road includes 6", 8" and 10" asbestos cement pipe from the 1960s and 8" and 10" vitrified clay pipe from 1946. Given their age and material, if these pipes cannot be rehabilitated using a cured-in-place pipe (CIPP) liner, they should be replaced.

MassDOT Project 613639 will resurface a portion of Worcester Road from the east side of the MassPike overpass to a point east of Edgell Road starting in 2030. If the City can complete the water and sewer improvements noted above prior to the MassDOT project, the cost to the city to restore the utility excavations will be lower and the possibility of excavating a newly resurfaced road to address a water or sewer system failure will be greatly reduced.

These capital requests are to design water and sewer improvements for the portion of Worcester Road west of Temple Street. This work would include surveying, geotechnical investigations, design, and permitting including MassDOT and the Framingham Conservation Commission. Based on other recent design projects, the requested funding amounts are: **FY2027 Worcester Road – Temple West Water Replacement – Design \$680,000** and **FY2027 Worcester Road – Temple West Sewer Replacement – Design \$230,000**.

**Worcester Road West of Temple StreetWater and Sewer Project
FY2027 Capital Improvement Plan**



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

RECOMMEND

City of Framingham 5 Year Capital Improvement Program FY2027-FY2031
Capital Project Request Form for FY2027 Projects

FY2027 Project requests must meet the definition of a Capital Project

A capital project is a major, nonrecurring expenditure that meets one or more of the following criteria:

The capital improvement is a tangible asset or project estimated to cost over \$25,000 and to have or to extend five or more years of useful life.

The community would legally be allowed to borrow for the expense under M.G.L. c. 44, § 7 and M.G.L. c.44, § 8.

The expenditure is for real property acquisitions, construction, and long-life capital equipment.

The project is for improvements to physical infrastructure (e.g., streets, sidewalks, and stormwater drains) and renovations of existing capital items that extend their useful lifespans.

The purchase or long-term capital lease is for vehicles or heavy equipment that have an expected useful life of 5 or more years.

The expenditure is to pay for the planning, engineering, or design services required for a construction or renewal project that itself qualifies as a capital expenditure.

The purchase is for bulk purchases of similar items, like software, furniture, or radios with an expected useful life of three or more years that, when aggregated, have total costs exceeding \$25,000.

Project Name Ford F550 Aerial Lift (Replaces Sewer No. 73, F550 Aerial Lift)

Project Status Resubmission

Department Sewer

Project Lead Name Jeffrey Rousseau

Email address jrousseau@framinghamma.gov Phone 6073

Project Fiscal Year FY27 Department Priority # 10

Priority - Select the appropriate priority level based on the definitions below:

Urgent - addresses an imminent risk to the safety of the public or municipal personnel, and/or prevents the imminent destruction or collapse of public infrastructure or loss of assets.

High - necessary to ensure consistent, level service for the upcoming fiscal year. This priority type includes systems that a likely to fail, e.g., replacement of old or worn-out equipment, dramatically rehabilitate aging facilities, or facilitate a department's ability to meet increased service demands.

Moderate - either replaces assets that have outlived their useful life, enhances a benefit to the community over and above the existing level of service, results in costs savings or other efficiencies, or directly supports community's economic base by increasing property values.

Low - provides additions or improvements to services or programs having social, cultural, historic, economic, or aesthetic value, but does not require immediate approval and implementation.

Physical location/address of project/equipment

N/A

Project Status - Select the appropriate priority level based on the definitions below:

New - first time submission

Recurring - a routine project that must be completed annually or periodically, such as upgrading a pumping station's infrastructure or rehabilitating athletic fields.

Resubmission - a project was submitted in a previous year but not approved.

Revision/Upgrade to Previous Project - the scope of this project has changed or requires additional resources.

Project Financing

Estimated Project Cost –Enter the estimated cost of the project or asset. You are required to attach any quotes or other documentation to support the cost.

Amount Requested \$ 226,000

Life Expectancy - provide the number of years the asset is expected to last 15

Estimated timeframe to complete project or to receive asset - in months or years, estimate the duration of the project or the timeframe for delivery of equipment or asset. For example, if a new ambulance requires a build out and delivery time of 1 year, enter 1 year.

Estimated date for completion or delivery 18 Months

Timeframe - Additional Explanation

Proposed Funding Sources - Provide (if applicable) any potential grants, donations, or other available funds to supplement the regular financing of capital projects and assets. Attach documentation of possible grant opportunities, along with the community's funding requirements for acceptance. Describe and provide documentation for available discounts or cost reductions, such as trade in value.

Bond General Fund

Bond Enterprise Fund

Free Cash/Retained Earnings

____ CPA

____ Grant

____ Other Type of Loan

____ Other

____ Matching Requirements

Additional explanation/information related to funding source(s)

Project Description

Provide a basic description of the proposed project or equipment purchase, including:

- Location (if a building)
- Type of building
- Intended use(s)
- Whether land acquisition will be necessary (if a building)
- Discussion of primary cost drivers
- Stakeholders involved
- Narrative of qualification for specific funding source (e.g., grants, CPA)

This appropriation will fund the replacment of a 2010 aerial bucket truck used for department staff to work at heights on radio antennas, station roofs, security cameras, and other safe work at heights.

Project Justification

Provide justification for the project. Highlight the specific benefits that will directly result from completing the project. These details may depend on the chosen priority level and purpose. For instance, if the priority level is “Moderate” and purpose is “Service Enhancement,” describe any and all new benefits the project offers, including any cost savings or efficiencies. Additionally, state how the project will benefit community and administrative stakeholders and explain any negative impacts or potential consequences of not approving the project. This information is particularly important for projects classified as “Urgent/Compliance with Law” and

The existing truck is totally inoperable. The aerial lift no longer meets minimum safety standards so this vehicle has been taken out of service. This vehicle is currently being assessed for third-party repairs, quoted \$20,000/ to repair. The truck is used at SCADA sites and doubles as a service vehicle for DPW's electrician. It has 75,475 miles and 9,588 logged. This request was deferred from the FY26 CIP.

If project is phased over several years indicate how many phases are complete N/A

Which phase of project is requested? N/A

Purpose of Project - check all that apply and include detail on what is being replaced or requested as new

Replace existing infrastructure

Replace existing capital asset

Replace existing vehicle

Replace existing equipment

New infrastructure

New capital asset

New vehicle

New equipment

Strategic/Comprehensive/Master Plan

Project Type - check all that apply

Land acquisition

Planning/Feasibility Study

Design

Construction

Equipment

Vehicle

Contingency

Other

Asset Type

Land

Municipal Building

School Building

Water/Sewer Infrastructure

Roadway Infrastructure

Traffic/Streetlight Infrastructure

Waterway/Beach

Recreation Trail

Bridge

Park/Playground/Athletic Field

Vehicle

Equipment

Software/Technology

Refuge/Recycling Center

Other _____

Project Community Impact

Health & Safety

Education

Aesthetics/Historic preservation

Environmental sustainability

Economic development

Cultural/Recreational opportunity

Service Improvement

Level Service Maintenance

Requested Vehicle / Equipment			
DPW Fund Sewer	FY 2027	Department Sewer	FY First Requested FY26
Vehicle / Equipment Name		New Manufacturer Ford	New Model F550
Ford F550 Aerial Lift (Replaces Sewer No. 73, F550 Aerial Lift)			
Life Expectancy of New Vehicle/Equipment (Yrs.)		Quote for Replacement \$ 209,213	Date of Quote September 4, 2025
15		Replacement Needed By 2025	Months to Procure 18
Escalation (Years)		Request Amount with Escalation \$226,000	
2			
Escalation Percentage		8.2%	

Vehicle Being Replaced			
Vehicle / Equipment Name	Year	Miles	Hours
Ford F550 Aerial Lift Sewer No. 73	2010	75,475	Approx. 9,600
Condition		Maintenance Frequency	Parts Availability
Totally inoperable		Daily or inoperable	Some delay issues
Primary Function(s) - Check if Applicable		Frequency of Use	
Emergency Vehicle / Equipment		When needed - special use	
Sanitation		Other Comments	
Operations		Aerial lift no longer meets minimum safety standards so this vehicle has been taken out of service. This vehicle is currently being assessed for third-party repairs, quoted \$20,000/ to repair.	
Construction Inspection			
Snow & Ice			
Construction			
Other Uses (Description Below)			
Used for work on radio antennas, station roof, cameras, and for safe work at heights.			



Quote

Company/Dept:	City of Framingham - Public Works Department	Date:	September 4, 2025
Contact:	Jeff Rousseau	Quote #:	#73
Street Address:	100 Western Ave.	Revision #:	BUDGETARY
City, State, Zip:	Framingham, MA 01702	Customer ID:	
Phone:	508-532-6073	Sales Rep:	Greg Keith
E-Mail:	jrousseau@framinghamma.gov		508-954-2225
Job Description:	<u>Ford F550 Aerial w/ Fiberglass Body</u>	Contract:	GBPC/BAPERB

QTY	Item #	VEHICLE LINE DESCRIPTION	UNIT PRICE	Ext Line Total
1	F5H	2026 Ford F550 XL RC 169" WB 84" CA Chassis	\$56,606.00	\$56,606.00
1	660A	Order Code 660A		
1	AT	Safety Yellow	\$660.00	\$640.20
1	AS	Meduin Dark Slate HD Vinyl 40/20/40 Seat		
1	99N	7.3L V8 Gas Engine		
1	44G	10-Speed TorqShift Automatic Transmission		
1	TGM	225/70R19 Traction Tires	\$190.00	\$184.30
1	X8L	4.88 Limited Slip Axle	\$395.00	\$383.15
1	473	Snow Plow Prep Package	\$350.00	\$339.50
1	512	Spare Tire & Wheel	\$350.00	\$339.50
1	52B	Integrated Trailer Brake Controller	\$300.00	\$291.00
1	61L	Front Wheel Well Liners	\$180.00	\$174.60
1	67B	410 Amp Dual Alternators	\$215.00	\$208.55
1	68H	Payload Upgrade Package 19,550# GVWR	\$1,155.00	\$1,120.35
1	76C	Exterior Backup Alarm	\$230.00	\$223.10
1	86M	Dual Batteries	\$210.00	\$203.70
1	872	Rear View Camera and Prep Kit	\$515.00	\$499.55
1	18B	Platform Running Boards	\$320.00	\$310.40
1	96V	XL Chrome Package	\$425.00	\$412.25
Vehicle Total:				\$61,936.15

QTY	Item #	EQUIPMENT LINE DESCRIPTION	UNIT PRICE	Ext Line Total
1	DTAX2-39	DUR-A-LIFT Aerial Unit Installed Including:	\$131,660.00	\$131,660.00
		Telescopic, Articulating, Single Person Lift		
		Working Height 44'		
		38' to Bottom of Platform		
		Side Reach 28'		
		24" x 30" x 42" Insulated Fiberglass Basket		
		11' Brand FX Fiberglass Service Body		
		30" Deep Tailshelf		
		Amber lighting on the grill and rear of body		
		Amber beacons on front of body		

1		Vent Visor Rain Guards	\$95.00	\$95.00
1		Weathertech Floor Liners	\$146.00	\$146.00
1		Remount OEM Supplied Backup Camera	\$310.00	\$310.00
1		Undercoat 1-Ton Truck	\$1,860.00	\$1,860.00
1	SS	Wiring & Shop Supplies	\$225.00	\$225.00
Contract Equipment Total:				\$134,296.00
QTY	Item #	NON-CONTRACT EQUIPMENT LINE DESCRIPTION	UNIT PRICE	Ext Line Total
1	Delivery	Deliver Truck to Framingham, MA	\$74.00	\$74.00
1		Estimated 10% 2027 Model Year Increase	\$6,193.00	\$6,193.00
1		Potential 5% 2027 Equipment Increase	\$6,714.00	\$6,714.00
THIS QUOTE IS INTENDED FOR BUDGETARY PURPOSES ONLY				
FORD FACTORY VEHICLE WARRANTY:				
3 YEARS/36,000 MILES BUMPER TO BUMPER				
5 YEARS/60,000 MILES POWERTRAIN				
5 YEARS/UNLIMITED MILES CORROSION				
5 YEARS/60,000 MILES ROADSIDE ASSISTANCE				
Non-Contract Equipment Total:				\$12,981.00
Vehicle and Equipment Total:				\$209,213.15
Vehicle Quantity:				1
Sub total:				\$209,213.15
Trade Description	Trade VIN	Trade Miles	Trade Value	
Trade Vehicle/s Total:				\$0.00
Quote Grand Total:				\$209,213.15

TERMS AND CONDITIONS

*Custom or Special Orders are Non-Refundable
This Quote is for Budgetary Purposes and is Not a Guarantee of Cost for Services
Quote is Based on Current Information From Client About the Project Requirements
Actual Cost May Change Once Project Elements are Finalized
Trade value is subject to change based on time, mileage and condition of vehicle at turn-in*

ORDER ACKNOWLEDGEMENT

By signing this document you are agreeing to the above terms and conditions of this order from McGovern MHQ, Inc.

x

PRINT NAME

x

TITLE

x

SIGNATURE



DANGER
ELECTROCUTION HAZARD
KEEP CLEAR

PUBLIC WORKS

73

F-350

TEREX

102-5310



City of Framingham 5 Year Capital Improvement Program FY2027-FY2031
Capital Project Request Form for FY2027 Projects

FY2027 Project requests must meet the definition of a Capital Project

A capital project is a major, nonrecurring expenditure that meets one or more of the following criteria:

The capital improvement is a tangible asset or project estimated to cost over \$25,000 and to have or to extend five or more years of useful life.

The community would legally be allowed to borrow for the expense under M.G.L. c. 44, § 7 and M.G.L. c.44, § 8.

The expenditure is for real property acquisitions, construction, and long-life capital equipment.

The project is for improvements to physical infrastructure (e.g., streets, sidewalks, and stormwater drains) and renovations of existing capital items that extend their useful lifespans.

The purchase or long-term capital lease is for vehicles or heavy equipment that have an expected useful life of 5 or more years.

The expenditure is to pay for the planning, engineering, or design services required for a construction or renewal project that itself qualifies as a capital expenditure.

The purchase is for bulk purchases of similar items, like software, furniture, or radios with an expected useful life of three or more years that, when aggregated, have total costs exceeding \$25,000.

Project Name Kohler 60 KW A/C Generator (Replaces Sewer No. 797, Generator A/C)

Project Status Resubmission

Department Sewer

Project Lead Name Jeffrey Rousseau

Email address jrousseau@framinghamma.gov Phone 6073

Project Fiscal Year FY27 Department Priority # 11

Priority - Select the appropriate priority level based on the definitions below:

Urgent - addresses an imminent risk to the safety of the public or municipal personnel, and/or prevents the imminent destruction or collapse of public infrastructure or loss of assets.

High - necessary to ensure consistent, level service for the upcoming fiscal year. This priority type includes systems that a likely to fail, e.g., replacement of old or worn-out equipment, dramatically rehabilitate aging facilities, or facilitate a department's ability to meet increased service demands.

Moderate - either replaces assets that have outlived their useful life, enhances a benefit to the community over and above the existing level of service, results in costs savings or other efficiencies, or directly supports community's economic base by increasing property values.

Low - provides additions or improvements to services or programs having social, cultural, historic, economic, or aesthetic value, but does not require immediate approval and implementation.

Physical location/address of project/equipment

N/A

Project Status - Select the appropriate priority level based on the definitions below:

New - first time submission

Recurring - a routine project that must be completed annually or periodically, such as upgrading a pumping station's infrastructure or rehabilitating athletic fields.

Resubmission - a project was submitted in a previous year but not approved.

Revision/Upgrade to Previous Project - the scope of this project has changed or requires additional resources.

Project Financing

Estimated Project Cost –Enter the estimated cost of the project or asset. You are required to attach any quotes or other documentation to support the cost.

Amount Requested \$ 162,000

Life Expectancy - provide the number of years the asset is expected to last 20

Estimated timeframe to complete project or to receive asset - in months or years, estimate the duration of the project or the timeframe for delivery of equipment or asset. For example, if a new ambulance requires a build out and delivery time of 1 year, enter 1 year.

Estimated date for completion or delivery 12 Months

Timeframe - Additional Explanation

Proposed Funding Sources - Provide (if applicable) any potential grants, donations, or other available funds to supplement the regular financing of capital projects and assets. Attach documentation of possible grant opportunities, along with the community's funding requirements for acceptance. Describe and provide documentation for available discounts or cost reductions, such as trade in value.

Bond General Fund

Bond Enterprise Fund

Free Cash/Retained Earnings

____ CPA

____ Grant

____ Other Type of Loan

____ Other

____ Matching Requirements

Additional explanation/information related to funding source(s)

Project Description

Provide a basic description of the proposed project or equipment purchase, including:

- Location (if a building)
- Type of building
- Intended use(s)
- Whether land acquisition will be necessary (if a building)
- Discussion of primary cost drivers
- Stakeholders involved
- Narrative of qualification for specific funding source (e.g., grants, CPA)

This appropriation will fund the replacement of a 2003 Caterpillar A/C generator (No. 797).

Project Justification

Provide justification for the project. Highlight the specific benefits that will directly result from completing the project. These details may depend on the chosen priority level and purpose. For instance, if the priority level is “Moderate” and purpose is “Service Enhancement,” describe any and all new benefits the project offers, including any cost savings or efficiencies. Additionally, state how the project will benefit community and administrative stakeholders and explain any negative impacts or potential consequences of not approving the project. This information is particularly important for projects classified as “Urgent/Compliance with Law” and

The 20-year-old generator is depended upon for use during pump station power outages and scheduled maintenance. Reliability is a concern as the unit ages. This request was deferred from the FY26 CIP.

If project is phased over several years indicate how many phases are complete _____ N/A

Which phase of project is requested? _____ N/A

Purpose of Project - check all that apply and include detail on what is being replaced or requested as new

____ Replace existing infrastructure _____

____ Replace existing capital asset _____

____ Replace existing vehicle _____

Replace existing equipment _____

____ New infrastructure _____

____ New capital asset _____

____ New vehicle _____

____ New equipment _____

____ Strategic/Comprehensive/Master Plan

Project Type - check all that apply

____ Land acquisition _____

____ Planning/Feasibility Study _____

____ Design _____

____ Construction _____

Equipment _____

____ Vehicle _____

____ Contingency _____

____ Other _____

Asset Type

____ Land

____ Municipal Building

____ School Building

____ Water/Sewer Infrastructure

Roadway Infrastructure

Traffic/Streetlight Infrastructure

Waterway/Beach

Recreation Trail

Bridge

Park/Playground/Athletic Field

Vehicle

Equipment

Software/Technology

Refuge/Recycling Center

Other _____

Project Community Impact

Health & Safety

Education

Aesthetics/Historic preservation

Environmental sustainability

Economic development

Cultural/Recreational opportunity

Service Improvement

Level Service Maintenance

Impact to Operating/Enterprise Budgets - explain the project's temporary and/or long-term impact on the operating budget. For example, capital construction projects can result in increased operating costs. Costs may increase during the project's duration (e.g., increased use of one building while another is demolished and reconstructed) or be longer lasting, such as new a building resulting in increased utility costs or the hiring of additional maintenance personnel.

Increase/Decrease to Personnel \$ -

Explanation

Increase/Decrease to Operating \$ -

Explanation

Additional Information

Checklist for completion

X FY2027 Project Request PDF file includes form, updated vendor memos/quote/pricing, photos.

X Save each FY2027 project request as separate PDF file (Department name/Project Name) to T Drive/Finance/CIP 27-31/Department Folder

Requested Vehicle / Equipment			
DPW Fund Sewer	FY 2027	Department Sewer	FY First Requested FY23
Vehicle / Equipment Name		New Manufacturer	New Model
Kohler 60 KW A/C Generator (Replaces Sewer No. 797, Generator A/C)			
Life Expectancy of New Vehicle/Equipment (Yrs.)		Quote for Replacement \$ 150,000	Date of Quote (Estimate)
Escalation (Years)		Replacement Needed By	Months to Procure
Escalation Percentage		Request Amount with Escalation	\$162,000

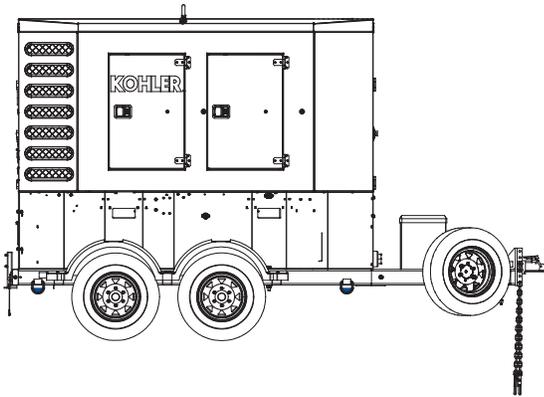
Vehicle Being Replaced			
Vehicle / Equipment Name	Year	Miles	Hours
Generator A/C Sewer No. 797	2003		
Condition		Maintenance Frequency	Parts Availability
Primary Function(s) - Check if Applicable		Frequency of Use	
Emergency Vehicle / Equipment	X		
Sanitation		Other Comments	
Operations			
Construction Inspection			
Snow & Ice			
Construction			
Other Uses (Description Below)			



**Tier 4 Final
EPA-Certified for
Nonroad Applications**

Ratings Range

Standby:	kW	60 Hz	78- 85
	kVA		78- 106
Prime:	kW		70- 76
	kVA		70- 95



Standard Skid Model with Available Options

Mobile Generator Set

- Kohler Co. provides one-source responsibility for the generating system and accessories.
- Approved for use with certified renewable Hydrotreated Vegetable Oil (HVO) / Renewable Diesel (RD) fuels compliant with EN15940/ ASTM D975.
- The generator set and its components are prototype-tested, factory-built, and production-tested.
- A three-year, 3000-hour limited warranty covers all generator set systems and components. The trailer has a one-year limited warranty.

Generator set features:

- Unit-mounted radiator with 50°C (122°F) ambient air capability at the prime rating.
- The unique Fast-Response™ X excitation system delivers excellent voltage response and short-circuit capability using a rare-earth, permanent magnet (PM)-excited alternator.
- The brushless, rotating-field alternator has broadrange reconnectability when ordered without a selector switch.

Engine features:

- Heavy-duty air cleaner with air restrictor indicator.
- The generator set engine is certified by the Environmental Protection Agency (EPA) to conform to Tier 4 Final nonroad emissions regulations.
- Lockable battery disconnect switch.

Enclosure/tank features:

- Durable steel, sound-attenuating housing with quiet operation of 69 dB(A) log average @ 7 m (23 ft.) with full load at the prime rating.
- Stainless steel hinges and lockable latches on doors.
- 125% environmental containment basin for oil and coolant.
- 110% secondary containment tank for fuel.
- Single-point lifting eye and four-point tie down system.
- Subbase fuel tank for 24-hour run time with full load at prime rating (minimum).
- Fuel fill and Diesel Exhaust Fluid (DEF) fill with lockable caps.

Customer connection panel features:

- Decision-Maker® 3500 controller with potted circuitry for protection from vibration and debris.
- Externally mounted, recessed emergency stop switch.
- Adjustable trip main line circuit breaker.
- 1 load lug per phase #6- 350MCM, 400 amp.
- Remote start/stop capabilities.
- Shore power connection points to front of junction box for block heater, battery chargers, and battery heater.

Generator Set Ratings

Alternator	Voltage	Ph	Hz	150°C Rise		125°C Rise		Ordering Options*
				Standby Rating kW/kVA	Amps	Prime Rating kW/kVA	Amps	
4R9X	120/208	3	60	85/106	294	76/95	264	A
	120/240	3	60	85/106	255	76/95	228	B
	120/240	1	60	78/78	325	70/70	291	A
	277/480	3	60	85/106	127	76/95	114	A
	347/600	3	60	85/106	102	76/95	91	C

* Ordering Options: A- Reconnectable or selector switch, B- Reconnectable, C- Stand alone

RATINGS: All three-phase units are rated at 0.8 power factor. All single-phase units are rated at 1.0 power factor. *Standby Ratings:* The standby rating is applicable to varying loads for the duration of a power outage. There is no overload capability for this rating. *Prime Power Ratings:* At varying load, the number of generator set operating hours is unlimited. A 10% overload capacity is available for one hour in twelve. Ratings are in accordance with ISO-8528-1 and ISO-3046-1. For limited running time ratings, consult the factory. Obtain technical information bulletin (TIB-101) for ratings guidelines, complete ratings definitions, and site condition derates. The generator set manufacturer reserves the right to change the design or specifications without notice and without any obligation or liability whatsoever.

Alternator Specifications

Specifications	Alternator
Manufacturer	Kohler
Type	4-Pole, Rotating-Field
Exciter type	Brushless, Rare-Earth Permanent Magnet
Leads: quantity, type	12, Reconnectable 6, 600 Volt
Voltage regulator	Solid State, Volts/Hz
Insulation:	NEMA MG1
Material	Class H
Temperature rise	150°C, Standby
Bearing: quantity, type	1, Sealed
Coupling	Flexible Disc
Amortisseur windings	Full
Voltage regulation, no-load to full-load	±0.5%
One-step load acceptance	100% of Rating
Unbalanced load capability	100% of Rated Standby Current
Peak motor starting kVA:	(35% dip for voltages below)
480 V	4R9X (12 lead)
	385

- NEMA MG1, IEEE, and ANSI standards compliance for temperature rise and motor starting.
- Sustained short-circuit current of up to 300% of the rated current for up to 10 seconds.
- Sustained short-circuit current enabling downstream circuit breakers to trip without collapsing the alternator field.
- Self-ventilated and dripproof construction.
- Windings are vacuum-impregnated with epoxy varnish for dependability and long life.
- Superior voltage waveform from a two-thirds pitch stator and skewed rotor.
- The unique Fast-Response® X excitation system delivers excellent voltage response and short-circuit capability using a rare-earth, permanent magnet (PM)-excited alternator.

Application Data

Engine

Engine Specifications	
Manufacturer	John Deere
Engine: model, type	4045HFG04 4-Cycle Turbocharged, Charge Air-Cooled
Cylinder arrangement	4 Inline
Displacement, L (cu. in.)	4.5 (275)
Bore and stroke, mm (in.)	106 x 127 (4.2 x 5.0)
Compression ratio	17.0:1
Piston speed, m/min. (ft./min.)	457.2 (1500)
Rated rpm	1800
Max. power at rated rpm, kW (HP)	99 (133)
Valve (exhaust) material	Silicon-Chrome stem with Inconel head (NiCr)
Valve (intake) material	CrMo Alloy
Governor type	Electronic
Frequency regulation, no-load to full-load	Isochronous
Frequency regulation, steady state	±0.5%
Air cleaner type, all models	Dry

Exhaust

Exhaust System	
Exhaust manifold type	Dry
Exhaust flow at rated kW, m ³ /min. (cfm)	15.1 (533)
Exhaust temperature at rated kW, dry exhaust, °C (°F)	488 (910)
Maximum allowable back pressure, kPa (in. Hg)	14.2 (4.2)
Back pressure available after losses due to exhaust aftertreatment system, kPa (in. Hg)	3.2 (1.0)

Engine Electrical

Engine Electrical System	
Battery charging alternator:	
Ground (negative/positive)	Negative
Volts (DC)	14
Ampere rating	90
Starter motor rated voltage (DC)	12
Battery, recommended cold cranking amps (CCA):	
Qty., rating for 0°C (32°F)	One, 450
Battery voltage (DC)	12

Fuel

Fuel System	
Fuel supply line, min. ID, mm (in.)	8 (0.31)
Fuel return line, min. ID, mm (in.)	5 (0.19)
Max. lift, fuel pump: type, m (ft.)	Electronic, 4 (13.1)
Max. fuel flow, Lph (gph)	53.3 (14.1)
Max. return line restriction, kPa (in. Hg)	20 (5.9)
Fuel prime pump	Automatic
Fuel filter	
Primary	2 Microns
Recommended fuel	ASTM D975 or EN 590 Ultra Low Sulfur Diesel (ULSD) with sulfur content <15 mg/kg (15 ppm) / RD / HVO

Lubrication

Lubricating System	
Type	Full Pressure
Oil pan capacity, L (qt.) §	20.5 (21.7)
Oil pan capacity with filter, L (qt.) §	21.0 (22.2)
Oil filter: quantity, type §	One, Cartridge
Oil type §	API CJ-4 or ACEA E6- E9
§ Kohler recommends the use of Kohler Genuine oil and filters.	

Cooling

Radiator System	
Radiator system capacity, including engine, L (gal.)	26.1 (6.9)

Operation Requirements

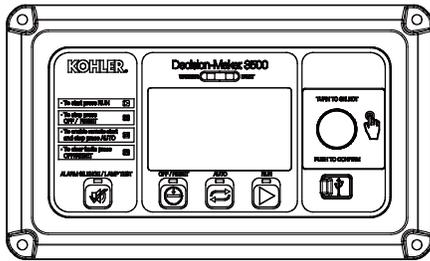
Air Requirements	
Radiator-cooled cooling air, m ³ /min. (scfm) †	170 (6000)
Combustion air, m ³ /min. (cfm)	6.4 (226)
Heat rejected to ambient air:	
Engine, kW (Btu/min.)	11.0 (626)
Alternator, kW (Btu/min.)	11.6 (660)
† Air density = 1.20 kg/m ³ (0.075 lbm/ft ³)	

Fuel Consumption**

Diesel, Lph (gph) at % load	Standby Ratings	Prime Ratings
100%	24.4 (6.4)	22.1 (5.8)
75%	18.2 (4.8)	16.6 (4.4)
50%	12.7 (3.4)	11.7 (3.1)
25%	7.4 (1.9)	7.0 (1.0)
0%	1.5 (0.4)	1.5 (0.4)

** Volumetric Fuel consumption is up to 4% higher when using HVO/RD than #2 ULSD.

Controller



Decision-Maker® 3500 Paralleling Controller

Provides advanced control, system monitoring, and system diagnostics for optimum performance and compatibility.

- Paralleling capability with bus sensing, first-on logic, synchronizer, and (isochronous, droop, and external controlled) load sharing
- Digital display with adjustable contrast and menu control provide easy local data access
- Measurements are selectable in metric or English units
- Remote communication thru a PC via network or serial configuration
- Controller supports Modbus® protocol
- Integrated hybrid voltage regulator with $\pm 0.5\%$ regulation
- Potted circuitry for protection from vibration and debris
- Built-in alternator thermal overload protection
- NFPA 110 Level 1 capability

Fuel and DEF Tanks

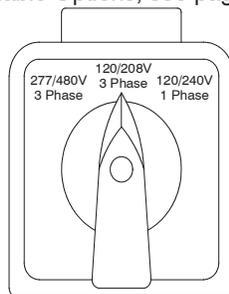
- Subbase fuel tank for 24-hour run time with full load at prime rating (minimum).
- Fuel tank includes the fuel level gauge, fuel fill with lockable cap, and an atmospheric vent.
- The secondary containment tank's construction protects against fuel leaks or ruptures. The inner (primary) tank is sealed inside the outer (secondary) tank. The outer tank contains the fuel if the inner tank leaks or ruptures.
- DEF tank with DEF quality sensor.

Tank Specifications

Diesel tank capacity	727 L (192 gal.)
DEF tank capacity	30.1 L (8.0 gal.)
Recommended DEF	AUS 32 according to ISO 22241-1

Available Voltage Selector Switch

(Available Options, see page 4)

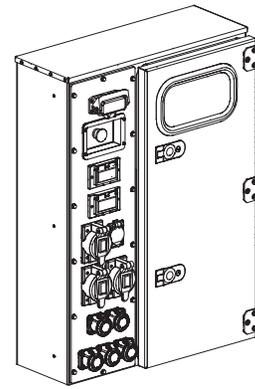


3-Position

- Voltage selector switch, 3-position lockable, wired for:
 - 120/240 volt, 1 phase
 - 120/208 volt, 3 phase
 - 277/480 volt, 3 phase

Modbus® is a registered trademark of Schneider Electric.

Customer Connection Panel



- Viewable generator set controller with security cover
- Emergency stop switch
- Shore power connector, 120 V, 15 amp (for battery charger, battery heater, block heater, and one extra customer outlet)
- Remote start connection
- Mobile paralleling box connection
- Main line circuit breaker
 - Reconnectable and selector switch models: Rating 400 amps, field adjustable based on voltage selected
 - 600 volt models: Rating 150 amps, field adjustable
- Available Options, see page 4
 - Two 15-amp 120 V, 1 phase, GFCI duplex receptacles (includes circuit breakers)
 - Three 50-amp 240 V twistlock receptacles (includes circuit breakers)
 - Color-coded camlock connectors

Available Trailer

(Available Options, see page 4)

- Dual-axle trailer with electric brake system on both axles with battery back-up breakaway system.
- DOT and TC (Transport Canada) compliant per current specifications published by both agencies, at the time of trailer manufacture.
- 2 5/16 in. ball hitch coupler with adaptability for an optional Lunette eye.
- Running lights with 7-wire harness and connector.
- Front tongue jack.

Trailer Specifications

Axle Rating	Dual, 2721 kg (6000 lb.) per axle
Tires	ST225/75R15 LRE with 1284 kg (2830 lb.) load rating
Wheels	Steel, 15 x 6, 6-bolt

Available Draggable Fuel Tank

(Available Options, see page 4)

- Heavy gauge steel skid with integrated drains and pull bars.

Standard Features

- Alternator Protection
- Battery, Battery Rack, and Battery Cables
- Engine Oil and Coolant Added
- Integral Vibration Isolation
- Local Emergency Stop Switch
- Oil and Coolant Drain Extension
- Operation Literature

Tier 4 Final Technologies Applied

- Diesel Oxidation Catalyst (DOC)
- High Pressure Common Rail (HPCR)
- Selective Catalytic Reduction (SCR)

Approvals and Listings

- CSA Certified

Controller

- 15-Relay Dry Contact

Electrical System

- Battery Charger
- Cold Weather Package
(includes block heater and battery heater)
- Voltage Selector Switch and Convenience Receptacles
(3-240 volt, 2-120 volt)
- Camlock Style Load Connectors, Color Coded

Fuel System

- Two-Way Fuel Valve
(for connection of a user-supplied external fuel tank)

Paralleling System

- Mobile Paralleling Box

Skid

- Fuel Tank
- Draggable Fuel Tank
(heavy gauge steel skid with integrated drains and pull bars)

Trailer and Options

- Trailer
- Lunette Eye (for pintle hitch tow vehicles)
- Spare Tire
- Wheel Chock Blocks
- Lockable Utility Box with Fire Extinguisher
(same common key as enclosure)

Literature

- General Maintenance
- NFPA 110
- Overhaul
- Production

Other Options

- _____
- _____
- _____
- _____
- _____
- _____
- _____

Dimensions and Weights (Off Trailer)

Overall Size, L x W x H, mm (in.): 2951 x 1119 x 2156
 Fuel Tank (116.2 x 44.1 x 84.9)
 Weight with engine fluids and no fuel in tank kg (lb.): 2542 (5605)

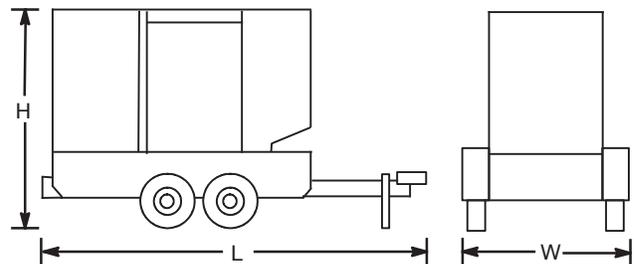
Overall Size, L x W x H, mm (in.): 3191 x 1119 x 2156
 Draggable Fuel Tank (125.6 x 44.1 x 84.9)
 Weight with engine fluids and no fuel in tank kg (lb.): 2621 (5780)



Note: This drawing is provided for reference only and should not be used for planning. Contact your local distributor for more detailed information.

Dimensions and Weights (On Trailer)

Overall Size, L x W x H, mm (in.): 4422.1 x 1950.8 x 2736.5
 Fuel Tank (174.1 x 76.8 x 107.7)
 Weight with engine fluids and no fuel in tank kg (lb.): 3162 (6970)



Note: This drawing is provided for reference only and should not be used for planning. Contact your local distributor for more detailed information.

DISTRIBUTED BY:



797

"Committed to Excellence in Public Service"



WHISPERWATT DIESEL POWERED AC GENERATOR

MODEL **DCA-85USJ**

SERIAL NO. **8400024**

AC GENERATOR

MODEL **DB-1001J2**

ARMATURE CONNECTION

Star with Neutral Zigzag

PHASE 3 Single

FREQUENCY 60 Hz 60 Hz

RATED OUTPUT 82 KVA 60 KW

RATED VOLTAGE 240v 480v 240v 120v

RATED CURRENT 197A 98.6A 250A

POWER FACTOR 0.8 1.0

Class F Insulation System

ENGINE

MODEL **JOHN DEERE 4045TF275**

TYPE **4 CYL. 4 CYCLE**

RATED OUTPUT 102HP 1800RPM

DISPLACEMENT 4.5 L

FUEL TANK CAP. 126 GAL

Made for MQ Power Corp. by Denyo Manufacturing Co., Ltd.
Made in USA



MQ POWER CORP.
A division of Multiquip Inc.
CARSON, CALIFORNIA

M21040000

City of Framingham 5 Year Capital Improvement Program FY2027-FY2031
Capital Project Request Form for FY2027 Projects

FY2027 Project requests must meet the definition of a Capital Project

A capital project is a major, nonrecurring expenditure that meets one or more of the following criteria:

The capital improvement is a tangible asset or project estimated to cost over \$25,000 and to have or to extend five or more years of useful life.

The community would legally be allowed to borrow for the expense under M.G.L. c. 44, § 7 and M.G.L. c.44, § 8.

The expenditure is for real property acquisitions, construction, and long-life capital equipment.

The project is for improvements to physical infrastructure (e.g., streets, sidewalks, and stormwater drains) and renovations of existing capital items that extend their useful lifespans.

The purchase or long-term capital lease is for vehicles or heavy equipment that have an expected useful life of 5 or more years.

The expenditure is to pay for the planning, engineering, or design services required for a construction or renewal project that itself qualifies as a capital expenditure.

The purchase is for bulk purchases of similar items, like software, furniture, or radios with an expected useful life of three or more years that, when aggregated, have total costs exceeding \$25,000.

Project Name Ford F250 Pickup (Replaces Sewer No. 70, F150 Pickup)

Project Status Resubmission

Department Sewer

Project Lead Name Jeffrey Rousseau

Email address jrousseau@framinghamma.gov Phone 6073

Project Fiscal Year FY27 Department Priority # 12

Priority - Select the appropriate priority level based on the definitions below:

Urgent - addresses an imminent risk to the safety of the public or municipal personnel, and/or prevents the imminent destruction or collapse of public infrastructure or loss of assets.

High - necessary to ensure consistent, level service for the upcoming fiscal year. This priority type includes systems that a likely to fail, e.g., replacement of old or worn-out equipment, dramatically rehabilitate aging facilities, or facilitate a department's ability to meet increased service demands.

Moderate - either replaces assets that have outlived their useful life, enhances a benefit to the community over and above the existing level of service, results in costs savings or other efficiencies, or directly supports community's economic base by increasing property values.

Low - provides additions or improvements to services or programs having social, cultural, historic, economic, or aesthetic value, but does not require immediate approval and implementation.

Physical location/address of project/equipment

N/A

Project Status - Select the appropriate priority level based on the definitions below:

New - first time submission

Recurring - a routine project that must be completed annually or periodically, such as upgrading a pumping station's infrastructure or rehabilitating athletic fields.

Resubmission - a project was submitted in a previous year but not approved.

Revision/Upgrade to Previous Project - the scope of this project has changed or requires additional resources.

Project Financing

Estimated Project Cost –Enter the estimated cost of the project or asset. You are required to attach any quotes or other documentation to support the cost.

Amount Requested \$ 82,000

Life Expectancy - provide the number of years the asset is expected to last 10

Estimated timeframe to complete project or to receive asset - in months or years, estimate the duration of the project or the timeframe for delivery of equipment or asset. For example, if a new ambulance requires a build out and delivery time of 1 year, enter 1 year.

Estimated date for completion or delivery 9 Months

Timeframe - Additional Explanation

Proposed Funding Sources - Provide (if applicable) any potential grants, donations, or other available funds to supplement the regular financing of capital projects and assets. Attach documentation of possible grant opportunities, along with the community's funding requirements for acceptance. Describe and provide documentation for available discounts or cost reductions, such as trade in value.

Bond General Fund

Bond Enterprise Fund

Free Cash/Retained Earnings

____ CPA

____ Grant

____ Other Type of Loan

____ Other

____ Matching Requirements

Additional explanation/information related to funding source(s)

Project Description

Provide a basic description of the proposed project or equipment purchase, including:

- Location (if a building)
- Type of building
- Intended use(s)
- Whether land acquisition will be necessary (if a building)
- Discussion of primary cost drivers
- Stakeholders involved
- Narrative of qualification for specific funding source (e.g., grants, CPA)

This appropriation will fund the replacement of a 2016 Ford F150 pickup with plow (No. 70) with Ford F250.

Project Justification

Provide justification for the project. Highlight the specific benefits that will directly result from completing the project. These details may depend on the chosen priority level and purpose. For instance, if the priority level is “Moderate” and purpose is “Service Enhancement,” describe any and all new benefits the project offers, including any cost savings or efficiencies. Additionally, state how the project will benefit community and administrative stakeholders and explain any negative impacts or potential consequences of not approving the project. This information is particularly important for projects classified as “Urgent/Compliance with Law” and

This is a Sewer Department operations manager's truck. It is used daily for both operations and construction related purposes. It is in fair condition and showing its age. This request was deferred from the FY26 CIP.

If project is phased over several years indicate how many phases are complete _____ N/A

Which phase of project is requested? _____ N/A

Purpose of Project - check all that apply and include detail on what is being replaced or requested as new

____ Replace existing infrastructure _____

____ Replace existing capital asset _____

Replace existing vehicle _____

____ Replace existing equipment _____

____ New infrastructure _____

____ New capital asset _____

____ New vehicle _____

____ New equipment _____

____ Strategic/Comprehensive/Master Plan _____

Project Type - check all that apply

____ Land acquisition _____

____ Planning/Feasibility Study _____

____ Design _____

____ Construction _____

____ Equipment _____

Vehicle _____

____ Contingency _____

____ Other _____

Asset Type

____ Land

____ Municipal Building

____ School Building

____ Water/Sewer Infrastructure

Roadway Infrastructure

Traffic/Streetlight Infrastructure

Waterway/Beach

Recreation Trail

Bridge

Park/Playground/Athletic Field

Vehicle

Equipment

Software/Technology

Refuge/Recycling Center

Other _____

Project Community Impact

Health & Safety

Education

Aesthetics/Historic preservation

Environmental sustainability

Economic development

Cultural/Recreational opportunity

Service Improvement

Level Service Maintenance

Impact to Operating/Enterprise Budgets - explain the project's temporary and/or long-term impact on the operating budget. For example, capital construction projects can result in increased operating costs. Costs may increase during the project's duration (e.g., increased use of one building while another is demolished and reconstructed) or be longer lasting, such as new a building resulting in increased utility costs or the hiring of additional maintenance personnel.

Increase/Decrease to Personnel \$ -

Explanation

Increase/Decrease to Operating \$ -

Explanation

Additional Information

Checklist for completion

X FY2027 Project Request PDF file includes form, updated vendor memos/quote/pricing, photos.

X Save each FY2027 project request as separate PDF file (Department name/Project Name) to T Drive/Finance/CIP 27-31/Department Folder

Requested Vehicle / Equipment			
DPW Fund	FY	Department	FY First Requested
Sewer	2027	Sewer	FY26
Vehicle / Equipment Name		New Manufacturer	New Model
Ford F250 Pickup (Replaces Sewer No. 70, F150 Pickup)		Ford	F250
Life Expectancy of New Vehicle/Equipment (Yrs.)		Quote for Replacement	Date of Quote
10		\$ 76,185	August 13, 2025
Escalation (Years)		Replacement Needed By	Months to Procure
2		2027	9
Escalation Percentage		Request Amount with Escalation	
8.2%		\$82,000	

Vehicle Being Replaced			
Vehicle / Equipment Name	Year	Miles	Hours
Ford F150 Pickup Sewer No. 70	2016	72,641	
Condition	Maintenance Frequency	Parts Availability	
Fair	Monthly	Readily available	
Primary Function(s) - Check if Applicable		Frequency of Use	
Emergency Vehicle / Equipment		Daily	
Sanitation		Other Comments	
Operations	X	This is a Sewer Department Operations Manager's truck. It is used daily for both operations and construction related purposes.	
Construction Inspection	X		
Snow & Ice	X		
Construction			
Other Uses (Description Below)			



Quote

#QUO4302

8/13/2025

McGovern MHQ Inc

420-2 BOSTON TURNPIKE
SHREWSBURY MA 01545
United States

Bill To

FRAMINGHAM DPW
100 WESTERN AVE
FRAMINGHAM MA 01702
United States

Ship To

FRAMINGHAM DPW
100 WESTERN AVE
FRAMINGHAM MA 01702
United States

Sales Rep	PO #	Memo	Expected Ready Date
Gregory Keith		2026 F250 Super Cab Pickup #70	

VIN	Make	Model	Color
-----	------	-------	-------

Quantity	Item	Description	Contract ID	Rate	Amount
1	Vehicle Group				
	Description				
	VEHICLE				
1	X2B	2026 FORD SUPER DUTY F250 SRW (X2B) XL 4WD SUPERCAB 6.75' BOX	MAPC	\$46,996.00	\$46,996.00
1	M7	Carbonized Gray metallic Paint	MAPC	\$0.00	\$0.00
1	AS	Interior Vinyl / Gray Slate / 40/20/40 Split Bench	MAPC	\$0.00	\$0.00
1	99A	Engine 6.8L V8 Gas	MAPC	\$0.00	\$0.00
1	44F	Transmission 10 Speed Automatic TorqShift	MAPC	\$0.00	\$0.00
1	X3E	Electronic Locking Axle 3.73 Axle	MAPC	\$430.00	\$417.00
1	TBM	LT245/75R17E BSW ALL TERRAIN	MAPC	\$165.00	\$160.00
1	600A	Order Code 600A	MAPC	\$0.00	\$0.00
1	18B	Back Platform Running Boards	MAPC	\$445.00	\$436.10
1	473	Snow Plow Prep Package	MAPC	\$350.00	\$339.00
1	52B	Trailer Brake Controller	MAPC	\$300.00	\$291.00
1	61N	Front & Rear Wheel Well Liners	MAPC	\$325.00	\$318.50
1	61S	SPLASH GUARDS -FRONT	MAPC	\$130.00	\$127.40
1	62S	PLASH GUARDS - REAR	MAPC	\$0.00	\$0.00
1	64A	Wheels: 17" Argent Painted Steel -inc: painted hub covers/center ornaments (STD)	MAPC	\$0.00	\$0.00



QUO4302



Quote

#QUO4302

8/13/2025

Quantity	Item	Description	Contract ID	Rate	Amount
1	66L	LED Box Lighting	MAPC	\$160.00	\$155.00
1	66S	Upfitter Switches (6)	MAPC	\$250.00	\$242.00
1	67B	410 Dual Amp Alternators (250amp + 160amp)	MAPC	\$215.00	\$208.00
1	68U	PAY LOAD PACKAGE UPGRADE	MAPC	\$100.00	\$98.00
1	76C	Exterior Backup Alarm	MAPC	\$230.00	\$223.00
1	86M	Dual 68 AH/65 AGM Battery	MAPC	\$210.00	\$205.80
1	96V	XL Chrome Package	MAPC	\$425.00	\$412.00
VEHICLE SUB					\$50,628.80
CONTRACT EQUIP					
1	SUBLET SERIALIZED-1	SUBLET BOSS 8' STEEL TRIP EDGE SNOWPLOW INSTALL TO NEW ENGLAND TRUCK DESIGN	MAPC		\$9,886.43
1	RUBBERSNOW FOILPARTS	RUBBER SNOW DEFLECTOR	MAPC	\$657.00	\$657.00
1	SPRAY IN BEDLINER	SPRAY IN BEDLINER	MAPC	\$810.00	\$810.00
1	CONTRACT ITEM	CUSTOM ALUMINUM CABGUARD WITH DOUBLE CROSSBAR AND LIGHT BAR MOUNT	MAPC	\$1,200.00	\$1,200.00
1	4410511V	WEATHERTECH FLOOR LINER FRONT ROW FORD F250-F550 SUPER CAB	MAPC	\$146.00	\$146.00
1	94974	VENT SHADES - F250/350-SUPER DUTY - TAPE ON STYLE	MAPC	\$111.00	\$111.00
1	ENNLB0125V3 5W	nFORCE 54" LIGHTBAR - MOUNTED ON CAB GUARD	MAPC	\$2,800.00	\$2,800.00
2	EMPS2STS4F	FASCIA LIGHT MNT 12 LED DUAL AMB/WHT - INSTALLED IN GRILL	MAPC	\$250.00	\$500.00
2	EMPS2QMS4F	MPOWER 4" FASCIA LIGHT 12-LED - AMB/WHT - INSTALLED UNDER TAILGATE	MAPC	\$250.00	\$500.00
1	TBS-72-BLK	CROSSOVER TOOLBOX DIAMOND PLATE ALUMINUM BLACK 72"	MAPC	\$775.00	\$775.00
1	SHOP SUPPLIES	WIRING AND SHOP SUPPLIES	MAPC	\$120.00	\$120.00
1	DELIVERY FEE	DELIVERY FEE	MAPC	\$74.00	\$74.00
1	SUBLET	UNDERCOAT PICKUP	MAPC	\$1,382.00	\$1,382.00



QUO4302



Quote

#QUO4302

8/13/2025

Quantity	Item	Description	Contract ID	Rate	Amount
	CONTRACT EQUIP SUB				\$18,961.43
					\$69,590.23
	Description	WARRANTY: 3 YEARS/36,000 MILES BUMPER TO BUMPER 5 YEARS/60,000 MILES POWERTRAIN 5 YEARS/UNLIMITED MILES CORROSION 5 YEARS/60,000 MILES ROADSIDE ASSISTANCE			
	NON CONTRACT EQUIP				
1	ESTIMATED MODEL YEAR INCREASE	ESTIMATED 10% 2027 MODEL YEAR INCREASE	MAPC	\$4,699.00	\$4,699.00
1	Estimated Materials Increase	Estimated 10% Materials Increase	MAPC	\$1,896.00	\$1,896.00
				Subtotal	\$76,185.23
				Tax (0%)	\$0.00
				Total	\$76,185.23

TERMS AND CONDITIONS

Custom or Special Orders are Non-Refundable. This Quote is for Budgetary Purposes and is Not a Guarantee of Cost for Services. Quote is based on Current Information from the Client about the Project Requirements. Actual Cost may change once Project Elements are finalized. Trade value is subject to change based on time, mileage, and condition of the Vehicle at turn-in

ORDER ACKNOWLEDGEMENT

By signing this document you are agreeing to the above terms and conditions of this order from McGovern MHQ, Inc.

Print Name

Title

Signature





City of Framingham 5 Year Capital Improvement Program FY2027-FY2031
Capital Project Request Form for FY2027 Projects

FY2027 Project requests must meet the definition of a Capital Project

A capital project is a major, nonrecurring expenditure that meets one or more of the following criteria:

The capital improvement is a tangible asset or project estimated to cost over \$25,000 and to have or to extend five or more years of useful life.

The community would legally be allowed to borrow for the expense under M.G.L. c. 44, § 7 and M.G.L. c.44, § 8.

The expenditure is for real property acquisitions, construction, and long-life capital equipment.

The project is for improvements to physical infrastructure (e.g., streets, sidewalks, and stormwater drains) and renovations of existing capital items that extend their useful lifespans.

The purchase or long-term capital lease is for vehicles or heavy equipment that have an expected useful life of 5 or more years.

The expenditure is to pay for the planning, engineering, or design services required for a construction or renewal project that itself qualifies as a capital expenditure.

The purchase is for bulk purchases of similar items, like software, furniture, or radios with an expected useful life of three or more years that, when aggregated, have total costs exceeding \$25,000.

Project Name Ford F350 Utility Body Pick up w. Plow (Replaces Sewer No. 76, F350 Utility Plow)

Project Status Resubmission

Department Sewer

Project Lead Name Jeffrey Rousseau

Email address jrousseau@framinghamma.gov Phone 6073

Project Fiscal Year FY27 Department Priority # 13

Priority - Select the appropriate priority level based on the definitions below:

Urgent - addresses an imminent risk to the safety of the public or municipal personnel, and/or prevents the imminent destruction or collapse of public infrastructure or loss of assets.

High - necessary to ensure consistent, level service for the upcoming fiscal year. This priority type includes systems that a likely to fail, e.g., replacement of old or worn-out equipment, dramatically rehabilitate aging facilities, or facilitate a department's ability to meet increased service demands.

Moderate - either replaces assets that have outlived their useful life, enhances a benefit to the community over and above the existing level of service, results in costs savings or other efficiencies, or directly supports community's economic base by increasing property values.

Low - provides additions or improvements to services or programs having social, cultural, historic, economic, or aesthetic value, but does not require immediate approval and implementation.

Physical location/address of project/equipment

N/A

Project Status - Select the appropriate priority level based on the definitions below:

New - first time submission

Recurring - a routine project that must be completed annually or periodically, such as upgrading a pumping station's infrastructure or rehabilitating athletic fields.

Resubmission - a project was submitted in a previous year but not approved.

Revision/Upgrade to Previous Project - the scope of this project has changed or requires additional resources.

Project Financing

Estimated Project Cost –Enter the estimated cost of the project or asset. You are required to attach any quotes or other documentation to support the cost.

Amount Requested \$ 140,000

Life Expectancy - provide the number of years the asset is expected to last 10

Estimated timeframe to complete project or to receive asset - in months or years, estimate the duration of the project or the timeframe for delivery of equipment or asset. For example, if a new ambulance requires a build out and delivery time of 1 year, enter 1 year.

Estimated date for completion or delivery 12 Months

Timeframe - Additional Explanation

Based on most recent experience

Proposed Funding Sources - Provide (if applicable) any potential grants, donations, or other available funds to supplement the regular financing of capital projects and assets. Attach documentation of possible grant opportunities, along with the community's funding requirements for acceptance. Describe and provide documentation for available discounts or cost reductions, such as trade in value.

Bond General Fund

Bond Enterprise Fund

Free Cash/Retained Earnings

____ CPA

____ Grant

____ Other Type of Loan

____ Other

____ Matching Requirements

Additional explanation/information related to funding source(s)

Project Description

Provide a basic description of the proposed project or equipment purchase, including:

- Location (if a building)
- Type of building
- Intended use(s)
- Whether land acquisition will be necessary (if a building)
- Discussion of primary cost drivers
- Stakeholders involved
- Narrative of qualification for specific funding source (e.g., grants, CPA)

This appropriation will fund the replacement of a 2016 Ford F350 utility truck with plow (No. 76).

Project Justification

Provide justification for the project. Highlight the specific benefits that will directly result from completing the project. These details may depend on the chosen priority level and purpose. For instance, if the priority level is “Moderate” and purpose is “Service Enhancement,” describe any and all new benefits the project offers, including any cost savings or efficiencies. Additionally, state how the project will benefit community and administrative stakeholders and explain any negative impacts or potential consequences of not approving the project. This information is particularly important for projects classified as “Urgent/Compliance with Law” and

This truck replaces a 2016 F350 with 54,325 miles and 12,077 hours logged. It is in fair condition and requires frequent maintenance. It is critical to the operation of the department through its daily usage. It will come equipped with power tailgate, plow, and inverter.

If project is phased over several years indicate how many phases are complete _____ N/A

Which phase of project is requested? _____ N/A

Purpose of Project - check all that apply and include detail on what is being replaced or requested as new

____ Replace existing infrastructure _____

____ Replace existing capital asset _____

Replace existing vehicle _____

____ Replace existing equipment _____

____ New infrastructure _____

____ New capital asset _____

____ New vehicle _____

____ New equipment _____

____ Strategic/Comprehensive/Master Plan _____

Project Type - check all that apply

____ Land acquisition _____

____ Planning/Feasibility Study _____

____ Design _____

____ Construction _____

____ Equipment _____

Vehicle _____

____ Contingency _____

____ Other _____

Asset Type

____ Land

____ Municipal Building

____ School Building

____ Water/Sewer Infrastructure

Roadway Infrastructure

Traffic/Streetlight Infrastructure

Waterway/Beach

Recreation Trail

Bridge

Park/Playground/Athletic Field

Vehicle

Equipment

Software/Technology

Refuge/Recycling Center

Other _____

Project Community Impact

Health & Safety

Education

Aesthetics/Historic preservation

Environmental sustainability

Economic development

Cultural/Recreational opportunity

Service Improvement

Level Service Maintenance

Impact to Operating/Enterprise Budgets - explain the project's temporary and/or long-term impact on the operating budget. For example, capital construction projects can result in increased operating costs. Costs may increase during the project's duration (e.g., increased use of one building while another is demolished and reconstructed) or be longer lasting, such as new a building resulting in increased utility costs or the hiring of additional maintenance personnel.

Increase/Decrease to Personnel \$ -

Explanation

Increase/Decrease to Operating \$ -

Explanation

Additional Information

Checklist for completion

 X FY2027 Project Request PDF file includes form, updated vendor memos/quote/pricing, photos.

 X Save each FY2027 project request as separate PDF file (Department name/Project Name) to T Drive/Finance/CIP 27-31/Department Folder

Requested Vehicle / Equipment			
DPW Fund	FY	Department	FY First Requested
Sewer	2027	Sewer	FY26
Vehicle / Equipment Name		New Manufacturer	New Model
Ford F350 Utility Body Pick up w. Plow (Replaces Sewer No. 76, F350 Utility Plow)		Ford	F350
Life Expectancy of New Vehicle/Equipment (Yrs.)		Quote for Replacement	Date of Quote
10		\$ 129,373	August 14, 2025
Escalation (Years)		Replacement Needed By	Months to Procure
2		2027	12
Escalation Percentage		Request Amount with Escalation	
8.2%		\$140,000	

Vehicle Being Replaced			
Vehicle / Equipment Name	Year	Miles	Hours
F350 Utility Plow Sewer No. 76	2016	54,325	12,077
Condition	Maintenance Frequency	Parts Availability	
Fair	At least every two months	Readily available	
Primary Function(s) - Check if Applicable		Frequency of Use	
Emergency Vehicle / Equipment		Daily	
Sanitation		Other Comments	
Operations	X	This is a sewer supervisor's truck and includes power tailgate,	
Construction Inspection	X	plow, and inverter.	
Snow & Ice	X		
Construction			
Other Uses (Description Below)			



Quote

Company/Dept:	City of Framingham - Public Works Department	Date:	August 14, 2025
Contact:	Jeff Rousseau	Quote #:	
Street Address:	100 Western Ave.	Revision #:	TRUCK #76
City, State, Zip:	Framingham, MA 01702	Customer ID:	
Phone:	508-532-6073	Sales Rep:	Greg Keith
E-Mail:	jrousseau@framinghamma.gov		508-954-2225
Job Description:	<u>Ford F350 Service Body</u>	Contract:	MAPC

QTY	Item #	VEHICLE LINE DESCRIPTION	UNIT PRICE	Ext Line Total
1	F3F	2026 FORD F350 XL RC 145" WB 60" CA SRW CHASSIS	\$ 50,846.00	\$50,846.00
1	AT	SAFETY YELLOW	\$ 660.00	\$653.40
1	99N	Engine: 7.3 V8		
1	44G	10 SPEED AUTOMATIC TRANSMISSION		
1	X4M	ELECTRONIC LOCKING 4.30 AXLE RATIO		
1	TDX	LT275/70R _x 18E BSW AT TIRES	\$ 265.00	\$262.35
1	AS	MEDIUM DARK SLATE 40/20/40 VINYL SEATS		
1	96V	XL CHROME PACKAGE	\$ 425.00	\$420.75
1	512	SPARE TIRE & WHEEL	\$ 350.00	\$346.50
1	18B	PLATFORM RUNNINGBOARD	\$ 320.00	\$316.80
1	473	SNOW PLOW PREP	\$ 350.00	\$346.50
1	61L	WHEEL WELL LINER	\$ 180.00	\$178.20
1	61S	FRONT SPLASH GUARDS	\$ 75.00	\$74.25
1	67B	410 AMP ALTERNATOR	\$ 215.00	\$212.85
1	76C	EXTERIOR BACKUP ALARM	\$ 230.00	\$227.70
1	86M	DUAL BATTERY	\$ 210.00	\$207.90
1	872	REAR VIEW CAMERA & PREP KIT	\$ 515.00	\$509.85
1	52B	INTEGRATED TRAILER BRAKE CONTROLLER	\$ 300.00	\$297.00
Vehicle Total:				\$54,900.05
QTY	Item #	EQUIPMENT LINE DESCRIPTION	UNIT PRICE	Ext Line Total
				\$0.00
1		9' STEEL SERVICE BODY	\$ 18,242.91	\$18,242.91
1		PPG Paint Upgrade Level #1	\$ 1,326.76	\$1,326.76
1		VENTVISOR RAIN GUARDS	\$ 95.00	\$95.00
1		FRAME MOUNTED RECEIVER & LIGHT PLUG	\$ 829.22	\$829.22
6		LED INTERIOR LIGHTS - PER COMPARTMENT	\$ 138.20	\$829.20
1		STAINLESS ROCK GUARDS	\$ 276.41	\$276.41
1		(4) CARGO TIEDOWNS	\$ 442.25	\$442.25
1		CUSTOM ALUMINUM HEADACHE RACK - UTILITY	\$ 939.79	\$939.79
1		UPGRADE: ADD DOUBLE BAR & LIGHT BAR BRACKET FOR HEADACHE RACK	\$ 400.00	\$400.00

1		SURFACE MOUNT LED S/T	\$ 386.97	\$386.97
1		SPRAY LINE PACKAGE 9' UTILITY CARGO AREA AND TAILGATE	\$ 1,713.73	\$1,713.73
1		UPGRADE: SPRAY LINE TOPS ON UTILITY	\$ 193.49	\$193.49
1		UPGRADE: SPRAY LINE BUMPER	\$ 304.05	\$304.05
1		TOMMYGATE/MAXON LIFT GATE - STD PICK UP CAPACITY 1,300 LBS	\$ 6,080.97	\$6,080.97
1		UPGRADE LIFTGATE STD PICKUP: ALUMINUM PLATFORM	\$ 1,105.63	\$1,105.63
1		GATE KEY HOLDER	\$ 552.82	\$552.82
1		INVERTER: 3000 WATT CONTINUOUS	\$ 2,487.67	\$2,487.67
1		AUXILIARY OUTLET FOR INVERTER - EACH	\$ 442.25	\$442.25
1		AUXILIARY BATTERY FOR INVERTER	\$ 1,050.35	\$1,050.35
1		REMOUNT OEM SUPPLIED BACK UP CAMERA	\$ 331.69	\$331.69
1		UNDERCOATING 1-TON TRUCK	\$ 1,990.14	\$1,990.14
1	ENNLB0125V-35W	SoundOff Signal 54" NXT Lightbar with Front Takedowns, Alley Lights and Rear S/T/T	\$ 2,800.00	\$2,800.00
2	EMPS2STS4F	SoundOff Signal 4" mpower Amber LED Flasher Mounted on the Grille	\$ 250.00	\$500.00
2	EMPS2STS4F	SoundOff Signal 4" mpower Amber/White LED Flasher Mounted One Above Each Rear Wheel on Body	\$ 250.00	\$500.00
2	PCH1P1	Single Panel Pioneer Scene lights pole mounted on rear of body	\$ 1,177.00	\$2,354.00
2	PBAPEDD	Pedestal Mount Kit for Pioneer™ with Pole/Pedestal Mount Adapter	\$ 335.00	\$670.00
1	PLOW	Boss 8' Trip Edge Super Duty snow plow package with cutting edge	\$ 9,886.43	\$9,886.43
1	NC	SHOP SUPPLIES	\$ 225.00	\$225.00
1		C TECH PULL OUT DRAWER SET IN CURB SIDE FRONT COMPARTMENT	\$ 2,211.00	\$2,211.00
1		CROSS OVER MIRROR	\$1,000.00	\$1,000.00
Contract Equipment Total:				\$60,167.73
QTY	Item #	NON-CONTRACT EQUIPMENT LINE DESCRIPTION	UNIT PRICE	Ext Line Total
1	Delivery	Deliver Truck to Framingham, MA	\$74.00	\$74.00
1		Potential 10% 2027 Model Year Increase	\$5,215.00	\$5,215.00
1		Potential 10% Equipment Increase	\$6,016.00	\$6,016.00
1		Potential Tariff Surcharge	\$3,000.00	\$3,000.00
		FORD FACTORY VEHICLE WARRANTY:		
		3 YEARS/36,000 MILES BUMPER TO BUMPER		
		5 YEARS/60,000 MILES POWERTRAIN		
		5 YEARS/UNLIMITED MILES CORROSION		
		5 YEARS/60,000 MILES ROADSIDE ASSISTANCE		
Non-Contract Equipment Total:				\$14,305.00
Vehicle and Equipment Total:				\$129,372.78

Vehicle Quantity:			1
Sub total:			\$129,372.78
Trade Description	Trade VIN	Trade Miles	Trade Value
Trade Vehicle/s Total:			\$0.00
Quote Grand Total:			\$129,372.78

TERMS AND CONDITIONS

*Custom or Special Orders are Non-Refundable
 This Quote is for Budgetary Purposes and is Not a Guarantee of Cost for Services
 Quote is Based on Current Information From Client About the Project Requirements
 Actual Cost May Change Once Project Elements are Finalized
 Trade value is subject to change based on time, mileage and condition of vehicle at turn-in*

ORDER ACKNOWLEDGEMENT

By signing this document you are agreeing to the above terms and conditions of this order from McGovern MHQ, Inc.

x

PRINT NAME

x

TITLE

x

SIGNATURE





City of Framingham 5 Year Capital Improvement Program FY2027-FY2031
Capital Project Request Form for FY2027 Projects

FY2027 Project requests must meet the definition of a Capital Project

A capital project is a major, nonrecurring expenditure that meets one or more of the following criteria:

The capital improvement is a tangible asset or project estimated to cost over \$25,000 and to have or to extend five or more years of useful life.

The community would legally be allowed to borrow for the expense under M.G.L. c. 44, § 7 and M.G.L. c.44, § 8.

The expenditure is for real property acquisitions, construction, and long-life capital equipment.

The project is for improvements to physical infrastructure (e.g., streets, sidewalks, and stormwater drains) and renovations of existing capital items that extend their useful lifespans.

The purchase or long-term capital lease is for vehicles or heavy equipment that have an expected useful life of 5 or more years.

The expenditure is to pay for the planning, engineering, or design services required for a construction or renewal project that itself qualifies as a capital expenditure.

The purchase is for bulk purchases of similar items, like software, furniture, or radios with an expected useful life of three or more years that, when aggregated, have total costs exceeding \$25,000.

Project Name Ford F350 Utility Body Pick up w. Plow (Replaces Sewer No. 77, F350 Utility Plow)

Project Status Resubmission

Department Sewer

Project Lead Name Jeffrey Rousseau

Email address jrousseau@framinghamma.gov Phone 6073

Project Fiscal Year FY27 Department Priority # 14

Priority - Select the appropriate priority level based on the definitions below:

Urgent - addresses an imminent risk to the safety of the public or municipal personnel, and/or prevents the imminent destruction or collapse of public infrastructure or loss of assets.

High - necessary to ensure consistent, level service for the upcoming fiscal year. This priority type includes systems that a likely to fail, e.g., replacement of old or worn-out equipment, dramatically rehabilitate aging facilities, or facilitate a department's ability to meet increased service demands.

Moderate - either replaces assets that have outlived their useful life, enhances a benefit to the community over and above the existing level of service, results in costs savings or other efficiencies, or directly supports community's economic base by increasing property values.

Low - provides additions or improvements to services or programs having social, cultural, historic, economic, or aesthetic value, but does not require immediate approval and implementation.

Physical location/address of project/equipment

N/A

Project Status - Select the appropriate priority level based on the definitions below:

New - first time submission

Recurring - a routine project that must be completed annually or periodically, such as upgrading a pumping station's infrastructure or rehabilitating athletic fields.

Resubmission - a project was submitted in a previous year but not approved.

Revision/Upgrade to Previous Project - the scope of this project has changed or requires additional resources.

Project Financing

Estimated Project Cost –Enter the estimated cost of the project or asset. You are required to attach any quotes or other documentation to support the cost.

Amount Requested \$ 140,000

Life Expectancy - provide the number of years the asset is expected to last 10

Estimated timeframe to complete project or to receive asset - in months or years, estimate the duration of the project or the timeframe for delivery of equipment or asset. For example, if a new ambulance requires a build out and delivery time of 1 year, enter 1 year.

Estimated date for completion or delivery 12 Months

Timeframe - Additional Explanation

Based on most recent experience

Proposed Funding Sources - Provide (if applicable) any potential grants, donations, or other available funds to supplement the regular financing of capital projects and assets. Attach documentation of possible grant opportunities, along with the community's funding requirements for acceptance. Describe and provide documentation for available discounts or cost reductions, such as trade in value.

Bond General Fund

Bond Enterprise Fund

Free Cash/Retained Earnings

____ CPA

____ Grant

____ Other Type of Loan

____ Other

____ Matching Requirements

Additional explanation/information related to funding source(s)

Project Description

Provide a basic description of the proposed project or equipment purchase, including:

- Location (if a building)
- Type of building
- Intended use(s)
- Whether land acquisition will be necessary (if a building)
- Discussion of primary cost drivers
- Stakeholders involved
- Narrative of qualification for specific funding source (e.g., grants, CPA)

This appropriation will fund the replacement of a 2016 Ford F350 utility truck with plow (No. 77).

Project Justification

Provide justification for the project. Highlight the specific benefits that will directly result from completing the project. These details may depend on the chosen priority level and purpose. For instance, if the priority level is “Moderate” and purpose is “Service Enhancement,” describe any and all new benefits the project offers, including any cost savings or efficiencies. Additionally, state how the project will benefit community and administrative stakeholders and explain any negative impacts or potential consequences of not approving the project. This information is particularly important for projects classified as “Urgent/Compliance with Law” and

This 10-year-old utility vehicle is in fair condition and is used for operations, construction inspection and snow/ice. It is equipped with a power tailgate, plow, and inverter. This request was deferred from the FY26 CIP.

If project is phased over several years indicate how many phases are complete _____ N/A

Which phase of project is requested? _____ N/A

Purpose of Project - check all that apply and include detail on what is being replaced or requested as new

____ Replace existing infrastructure _____

____ Replace existing capital asset _____

Replace existing vehicle _____

____ Replace existing equipment _____

____ New infrastructure _____

____ New capital asset _____

____ New vehicle _____

____ New equipment _____

____ Strategic/Comprehensive/Master Plan _____

Project Type - check all that apply

____ Land acquisition _____

____ Planning/Feasibility Study _____

____ Design _____

____ Construction _____

____ Equipment _____

Vehicle _____

____ Contingency _____

____ Other _____

Asset Type

____ Land

____ Municipal Building

____ School Building

____ Water/Sewer Infrastructure

Roadway Infrastructure

Traffic/Streetlight Infrastructure

Waterway/Beach

Recreation Trail

Bridge

Park/Playground/Athletic Field

Vehicle

Equipment

Software/Technology

Refuge/Recycling Center

Other _____

Project Community Impact

Health & Safety

Education

Aesthetics/Historic preservation

Environmental sustainability

Economic development

Cultural/Recreational opportunity

Service Improvement

Level Service Maintenance

Impact to Operating/Enterprise Budgets - explain the project's temporary and/or long-term impact on the operating budget. For example, capital construction projects can result in increased operating costs. Costs may increase during the project's duration (e.g., increased use of one building while another is demolished and reconstructed) or be longer lasting, such as new a building resulting in increased utility costs or the hiring of additional maintenance personnel.

Increase/Decrease to Personnel \$ -

Explanation

Increase/Decrease to Operating \$ -

Explanation

Additional Information

Checklist for completion

X FY2027 Project Request PDF file includes form, updated vendor memos/quote/pricing, photos.

X Save each FY2027 project request as separate PDF file (Department name/Project Name) to T Drive/Finance/CIP 27-31/Department Folder

Requested Vehicle / Equipment

DPW Fund Sewer	FY 2027	Department Sewer	FY First Requested FY26
Vehicle / Equipment Name		New Manufacturer Ford	New Model F350
Ford F350 Utility Body Pick up w. Plow (Replaces Sewer No. 77, F350 Utility Plow)			
Life Expectancy of New Vehicle/Equipment (Yrs.) 10		Quote for Replacement \$ 129,373	Date of Quote August 14, 2025
Escalation (Years) 2		Replacement Needed By 2027	Months to Procure 12
Escalation Percentage 8.2%		Request Amount with Escalation \$140,000	

Vehicle Being Replaced

Vehicle / Equipment Name Ford F350 Utility Plow Sewer No. 77	Year 2016	Miles	Hours
Condition		Maintenance Frequency At least every two months	Parts Availability Readily available
Primary Function(s) - Check if Applicable			
Emergency Vehicle / Equipment		Frequency of Use Daily	
Sanitation		Other Comments	
Operations	X	Utility, power tailgate, plow, inverter	
Construction Inspection	X		
Snow & Ice	X		
Construction			
Other Uses (Description Below)			



Quote

Company/Dept:	City of Framingham - Public Works Department	Date:	August 14, 2025
Contact:	Jeff Rousseau	Quote #:	
Street Address:	100 Western Ave.	Revision #:	TRUCK #77
City, State, Zip:	Framingham, MA 01702	Customer ID:	
Phone:	508-532-6073	Sales Rep:	Greg Keith
E-Mail:	jrousseau@framinghamma.gov		508-954-2225
Job Description:	<u>Ford F350 Service Body</u>	Contract:	MAPC

QTY	Item #	VEHICLE LINE DESCRIPTION	UNIT PRICE	Ext Line Total
1	F3F	2026 FORD F350 XL RC 145" WB 60" CA SRW CHASSIS	\$ 50,846.00	\$50,846.00
1	AT	SAFETY YELLOW	\$ 660.00	\$653.40
1	99N	Engine: 7.3 V8		
1	44G	10 SPEED AUTOMATIC TRANSMISSION		
1	X4M	ELECTRONIC LOCKING 4.30 AXLE RATIO		
1	TDX	LT275/70Rx18E BSW AT TIRES	\$ 265.00	\$262.35
1	AS	MEDIUM DARK SLATE 40/20/40 VINYL SEATS		
1	96V	XL CHROME PACKAGE	\$ 425.00	\$420.75
1	512	SPARE TIRE & WHEEL	\$ 350.00	\$346.50
1	18B	PLATFORM RUNNINGBOARD	\$ 320.00	\$316.80
1	473	SNOW PLOW PREP	\$ 350.00	\$346.50
1	61L	WHEEL WELL LINER	\$ 180.00	\$178.20
1	61S	FRONT SPLASH GUARDS	\$ 75.00	\$74.25
1	67B	410 AMP ALTERNATOR	\$ 215.00	\$212.85
1	76C	EXTERIOR BACKUP ALARM	\$ 230.00	\$227.70
1	86M	DUAL BATTERY	\$ 210.00	\$207.90
1	872	REAR VIEW CAMERA & PREP KIT	\$ 515.00	\$509.85
1	52B	INTEGRATED TRAILER BRAKE CONTROLLER	\$ 300.00	\$297.00
Vehicle Total:				\$54,900.05
QTY	Item #	EQUIPMENT LINE DESCRIPTION	UNIT PRICE	Ext Line Total
				\$0.00
1		9' STEEL SERVICE BODY	\$ 18,242.91	\$18,242.91
1		PPG Paint Upgrade Level #1	\$ 1,326.76	\$1,326.76
1		VENTVISOR RAIN GUARDS	\$ 95.00	\$95.00
1		FRAME MOUNTED RECEIVER & LIGHT PLUG	\$ 829.22	\$829.22
6		LED INTERIOR LIGHTS - PER COMPARTMENT	\$ 138.20	\$829.20
1		STAINLESS ROCK GUARDS	\$ 276.41	\$276.41
1		(4) CARGO TIEDOWNS	\$ 442.25	\$442.25
1		CUSTOM ALUMINUM HEADACHE RACK - UTILITY	\$ 939.79	\$939.79
1		UPGRADE: ADD DOUBLE BAR & LIGHT BAR BRACKET FOR HEADACHE RACK	\$ 400.00	\$400.00

1		SURFACE MOUNT LED S/T	\$ 386.97	\$386.97
1		SPRAY LINE PACKAGE 9' UTILITY CARGO AREA AND TAILGATE	\$ 1,713.73	\$1,713.73
1		UPGRADE: SPRAY LINE TOPS ON UTILITY	\$ 193.49	\$193.49
1		UPGRADE: SPRAY LINE BUMPER	\$ 304.05	\$304.05
1		TOMMYGATE/MAXON LIFT GATE - STD PICK UP CAPACITY 1,300 LBS	\$ 6,080.97	\$6,080.97
1		UPGRADE LIFTGATE STD PICKUP: ALUMINUM PLATFORM	\$ 1,105.63	\$1,105.63
1		GATE KEY HOLDER	\$ 552.82	\$552.82
1		INVERTER: 3000 WATT CONTINUOUS	\$ 2,487.67	\$2,487.67
1		AUXILIARY OUTLET FOR INVERTER - EACH	\$ 442.25	\$442.25
1		AUXILIARY BATTERY FOR INVERTER	\$ 1,050.35	\$1,050.35
1		REMOUNT OEM SUPPLIED BACK UP CAMERA	\$ 331.69	\$331.69
1		UNDERCOATING 1-TON TRUCK	\$ 1,990.14	\$1,990.14
1	ENNLB0125V-35W	SoundOff Signal 54" NXT Lightbar with Front Takedowns, Alley Lights and Rear S/T/T	\$ 2,800.00	\$2,800.00
2	EMPS2STS4F	SoundOff Signal 4" mpower Amber LED Flasher Mounted on the Grille	\$ 250.00	\$500.00
2	EMPS2STS4F	SoundOff Signal 4" mpower Amber/White LED Flasher Mounted One Above Each Rear Wheel on Body	\$ 250.00	\$500.00
2	PCH1P1	Single Panel Pioneer Scene lights pole mounted on rear of body	\$ 1,177.00	\$2,354.00
2	PBAPEDD	Pedestal Mount Kit for Pioneer™ with Pole/Pedestal Mount Adapter	\$ 335.00	\$670.00
1	PLOW	Boss 8' Trip Edge Super Duty snow plow package with cutting edge	\$ 9,886.43	\$9,886.43
1	NC	SHOP SUPPLIES	\$ 225.00	\$225.00
1		C TECH PULL OUT DRAWER SET IN CURB SIDE FRONT COMPARTMENT	\$ 2,211.00	\$2,211.00
1		CROSS OVER MIRROR	\$1,000.00	\$1,000.00
Contract Equipment Total:				\$60,167.73
QTY	Item #	NON-CONTRACT EQUIPMENT LINE DESCRIPTION	UNIT PRICE	Ext Line Total
1	Delivery	Deliver Truck to Framingham, MA	\$74.00	\$74.00
1		Potential 10% 2027 Model Year Increase	\$5,215.00	\$5,215.00
1		Potential 10% Equipment Increase	\$6,016.00	\$6,016.00
1		Potential Tariff Surcharge	\$3,000.00	\$3,000.00
		FORD FACTORY VEHICLE WARRANTY:		
		3 YEARS/36,000 MILES BUMPER TO BUMPER		
		5 YEARS/60,000 MILES POWERTRAIN		
		5 YEARS/UNLIMITED MILES CORROSION		
		5 YEARS/60,000 MILES ROADSIDE ASSISTANCE		
Non-Contract Equipment Total:				\$14,305.00
Vehicle and Equipment Total:				\$129,372.78

Vehicle Quantity:			1
Sub total:			\$129,372.78
Trade Description	Trade VIN	Trade Miles	Trade Value
Trade Vehicle/s Total:			\$0.00
Quote Grand Total:			\$129,372.78

TERMS AND CONDITIONS

*Custom or Special Orders are Non-Refundable
This Quote is for Budgetary Purposes and is Not a Guarantee of Cost for Services
Quote is Based on Current Information From Client About the Project Requirements
Actual Cost May Change Once Project Elements are Finalized
Trade value is subject to change based on time, mileage and condition of vehicle at turn-in*

ORDER ACKNOWLEDGEMENT

By signing this document you are agreeing to the above terms and conditions of this order from McGovern MHQ, Inc.

x

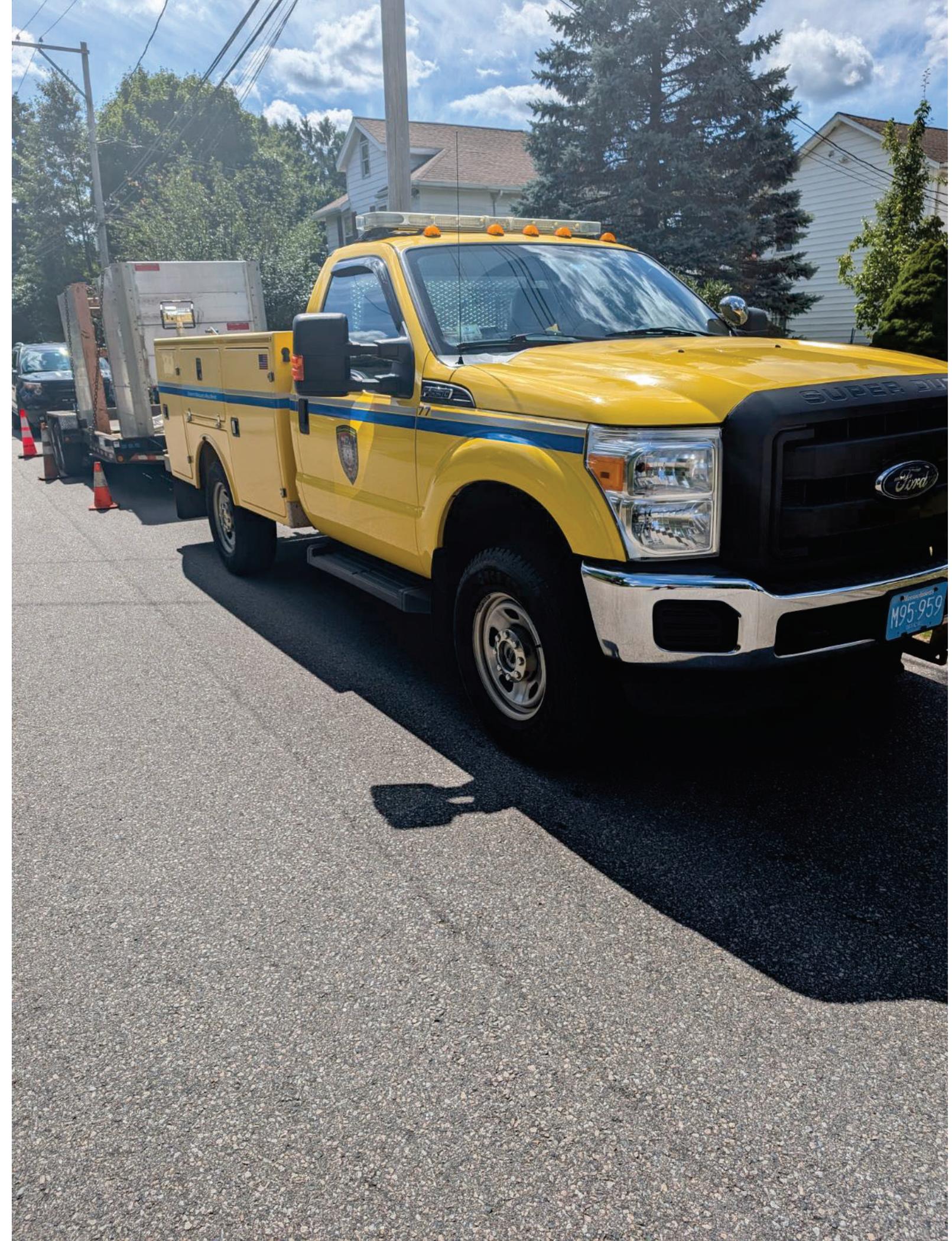
PRINT NAME

x

TITLE

x

SIGNATURE



City of Framingham 5 Year Capital Improvement Program FY2027-FY2031
Capital Project Request Form for FY2027 Projects

FY2027 Project requests must meet the definition of a Capital Project

A capital project is a major, nonrecurring expenditure that meets one or more of the following criteria:

The capital improvement is a tangible asset or project estimated to cost over \$25,000 and to have or to extend five or more years of useful life.

The community would legally be allowed to borrow for the expense under M.G.L. c. 44, § 7 and M.G.L. c.44, § 8.

The expenditure is for real property acquisitions, construction, and long-life capital equipment.

The project is for improvements to physical infrastructure (e.g., streets, sidewalks, and stormwater drains) and renovations of existing capital items that extend their useful lifespans.

The purchase or long-term capital lease is for vehicles or heavy equipment that have an expected useful life of 5 or more years.

The expenditure is to pay for the planning, engineering, or design services required for a construction or renewal project that itself qualifies as a capital expenditure.

The purchase is for bulk purchases of similar items, like software, furniture, or radios with an expected useful life of three or more years that, when aggregated, have total costs exceeding \$25,000.

Project Name CAT XQ330 Generator (Replaces Sewer No. 796, CAT 300KW Generator)

Project Status New

Department Sewer

Project Lead Name Jeffrey Rousseau

Email address jrousseau@framinghamma.gov Phone 6073

Project Fiscal Year FY27 Department Priority # 15

Priority - Select the appropriate priority level based on the definitions below:

Urgent - addresses an imminent risk to the safety of the public or municipal personnel, and/or prevents the imminent destruction or collapse of public infrastructure or loss of assets.

High - necessary to ensure consistent, level service for the upcoming fiscal year. This priority type includes systems that a likely to fail, e.g., replacement of old or worn-out equipment, dramatically rehabilitate aging facilities, or facilitate a department's ability to meet increased service demands.

Moderate - either replaces assets that have outlived their useful life, enhances a benefit to the community over and above the existing level of service, results in costs savings or other efficiencies, or directly supports community's economic base by increasing property values.

Low - provides additions or improvements to services or programs having social, cultural, historic, economic, or aesthetic value, but does not require immediate approval and implementation.

Physical location/address of project/equipment

N/A

Project Status - Select the appropriate priority level based on the definitions below:

New - first time submission

Recurring - a routine project that must be completed annually or periodically, such as upgrading a pumping station's infrastructure or rehabilitating athletic fields.

Resubmission - a project was submitted in a previous year but not approved.

Revision/Upgrade to Previous Project - the scope of this project has changed or requires additional resources.

Project Financing

Estimated Project Cost –Enter the estimated cost of the project or asset. You are required to attach any quotes or other documentation to support the cost.

Amount Requested \$ 226,000

Life Expectancy - provide the number of years the asset is expected to last 15

Estimated timeframe to complete project or to receive asset - in months or years, estimate the duration of the project or the timeframe for delivery of equipment or asset. For example, if a new ambulance requires a build out and delivery time of 1 year, enter 1 year.

Estimated date for completion or delivery 6 Months

Timeframe - Additional Explanation

Proposed Funding Sources - Provide (if applicable) any potential grants, donations, or other available funds to supplement the regular financing of capital projects and assets. Attach documentation of possible grant opportunities, along with the community's funding requirements for acceptance. Describe and provide documentation for available discounts or cost reductions, such as trade in value.

Bond General Fund

Bond Enterprise Fund

Free Cash/Retained Earnings

____ CPA

____ Grant

____ Other Type of Loan

____ Other

____ Matching Requirements

Additional explanation/information related to funding source(s)

Project Description

Provide a basic description of the proposed project or equipment purchase, including:

- Location (if a building)
- Type of building
- Intended use(s)
- Whether land acquisition will be necessary (if a building)
- Discussion of primary cost drivers
- Stakeholders involved
- Narrative of qualification for specific funding source (e.g., grants, CPA)

This appropriation will fund the replacement of a 2003 Caterpillar 300 KW generator (No. 796).

Project Justification

Provide justification for the project. Highlight the specific benefits that will directly result from completing the project. These details may depend on the chosen priority level and purpose. For instance, if the priority level is “Moderate” and purpose is “Service Enhancement,” describe any and all new benefits the project offers, including any cost savings or efficiencies. Additionally, state how the project will benefit community and administrative stakeholders and explain any negative impacts or potential consequences of not approving the project. This information is particularly important for projects classified as “Urgent/Compliance with Law” and

The 20-year-old generator is depended upon for use during pump station power outages and scheduled maintenance. Reliability is a concern as the unit ages. This request was deferred from the FY26 CIP.

If project is phased over several years indicate how many phases are complete N/A

Which phase of project is requested? N/A

Purpose of Project - check all that apply and include detail on what is being replaced or requested as new

Replace existing infrastructure

Replace existing capital asset

Replace existing vehicle

Replace existing equipment

New infrastructure

New capital asset

New vehicle

New equipment

Strategic/Comprehensive/Master Plan

Project Type - check all that apply

Land acquisition

Planning/Feasibility Study

Design

Construction

Equipment

Vehicle

Contingency

Other

Asset Type

Land

Municipal Building

School Building

Water/Sewer Infrastructure

Roadway Infrastructure

Traffic/Streetlight Infrastructure

Waterway/Beach

Recreation Trail

Bridge

Park/Playground/Athletic Field

Vehicle

Equipment

Software/Technology

Refuge/Recycling Center

Other _____

Project Community Impact

Health & Safety

Education

Aesthetics/Historic preservation

Environmental sustainability

Economic development

Cultural/Recreational opportunity

Service Improvement

Level Service Maintenance

Impact to Operating/Enterprise Budgets - explain the project's temporary and/or long-term impact on the operating budget. For example, capital construction projects can result in increased operating costs. Costs may increase during the project's duration (e.g., increased use of one building while another is demolished and reconstructed) or be longer lasting, such as new a building resulting in increased utility costs or the hiring of additional maintenance personnel.

Increase/Decrease to Personnel \$ -

Explanation

Increase/Decrease to Operating \$ -

Explanation

Additional Information

Checklist for completion

 X FY2027 Project Request PDF file includes form, updated vendor memos/quote/pricing, photos.

 X Save each FY2027 project request as separate PDF file (Department name/Project Name) to T Drive/Finance/CIP 27-31/Department Folder

Requested Vehicle / Equipment			
DPW Fund Sewer	FY 2027	Department Sewer	FY First Requested FY26
Vehicle / Equipment Name		New Manufacturer	New Model
CAT XQ330 Generator (Replaces Sewer No. 796, CAT 300KW Generator)		CAT	XQ330
Life Expectancy of New Vehicle/Equipment (Yrs.)		Quote for Replacement	Date of Quote
15		\$ 209,290	September 12, 2025
Escalation (Years)		Replacement Needed By	Months to Procure
2		2026	6
Escalation Percentage		Request Amount with Escalation	
8.2%		\$226,000	

Vehicle Being Replaced			
Vehicle / Equipment Name	Year	Miles	Hours
CAT XQ300, 300KW Generator Sewer No. 796	2005		
Condition		Maintenance Frequency	Parts Availability
Fair		At least every two months	Some delay issues
Primary Function(s) - Check if Applicable		Frequency of Use	
Emergency Vehicle / Equipment		When needed - special use	
Sanitation		Other Comments	
Operations			
Construction Inspection			
Snow & Ice			
Construction			
Other Uses (Description Below)			
Used to operate pump stations during power outages or scheduled maintenance.			



Milford, MA
 Batavia, NY
 North Reading, MA

Londonderry, NH
 Binghamton, NY
 Richmond, VT

Clifton Park, NY
 Brewer, ME
 Wareham, MA

Syracuse, NY
 Scarborough, ME
 Cranston, RI

TO:

Scott Wright
 City of Framingham MA
 Fleet, Facilities, and Communications Division
 Operations Manager Fleet
 Phone: 508-532-6072
srw@framinghamma.gov

Sourcewell Account # 42269

QUOTE NO: 91225 XQ330
DATE: 09/12/2025

PROJECT
City of Framingham, MA XQ330 Towable Generator Replacement Project

We are pleased to offer the following equipment for consideration:

XQ330 Generator Set

Standby 288 kW, 360 kVA

Prime 264 kW, 330 kVA

U.S. EPA Tier 4 Final

60/50 Hz

1800/1500 RPM

Part Number Qty Description

XQ330BM 1 XQ330BM
 LS5900 1 XQ330 TIER 4 FINAL 60HZ 480V

Product Information

Caterpillar: Confidential Yellow
 6218426 1 GENERAL AR
 6137668 1 GENERATOR AR-PWR
 6014903 1 CAPTIVE: 6014903-C9.3B-PG380
 5N9597 1 VOLTAGE INDICATOR 480V, 60HZ
 0V1065 1 END USE: EPG RETAIL
 5281459 1 MODULE AR-DEF
 PP7354 1 396 BHP 264 GEN KW W/F 60Hz PRIME
 LS7210 1 BUS CONNECTION PANEL GP
 LS5901 1 TRAILER OPTION XQ330
 3611818 1 CERTIFICATION AR
 6606129 1 INSTALLATION GP-PL444

Standard Equipment

Engine

- Cat C9.3B four stroke diesel engine



- Turbocharged air-to-air cooled
- Meets U.S. EPA Tier4 Final, CARB & EU-V emission regulation requirements at 60Hz & 50Hz
- Requires Ultra Low Sulfur Diesel (ULSD) fuel

Generator and Voltage Regulation

- LC5134N frame; 3-phase random wound, 12 lead, self-excited, 2/3 pitch
- Coastal insulation protection (CIP)
- PMG Excitation
- EMCP 4.4 mounted digital controller
- 60/50 Hz frequency switch (via link board)
- Panel & enclosure mounted emergency stop
- Anti-condensation heater

Aftertreatment System

- Engine mounted clean emission module (CEM) with Selective Catalytic Reduction (SCR), Diesel Oxidation catalyst (DOC) & Diesel Particulate Filter (DPF)
- Diesel Exhaust Fluid (DEF) Tank located in discharge box

Air Filtration System

- Efficient air cleaner with service indicator
- Full life efficiency of 99.9%.

Cooling System

- Variable speed fan with hydraulic clutch drive
- Package mounted radiator with vertical discharge
- Good ambient performance
- Fully guarded pusher fan
- Low coolant level shutdown
- Coolant heater
- Coolant drain valve easily accessible

Fuel System

- Bunded fuel tank with 21hr runtime (based on 75% Prime load), meets UL142 & transport Canada certified
- Internal fuel fill
- Engine mounted primary and secondary fuel filter
- Automatic onboard priming pump
- Mechanical fuel gauge

Control Panel

- EMCP 4.4 set mounted digital controller
- 50/60Hz frequency switch (via terminal link)
- IVR with EM10A excitation module
- Panel & enclosure mounted emergency stop
- PLG641

Electrical System

- 24V, DC electrical system
- 2 x 1000 CCA, maintenance-free, wet batteries
- Battery disconnect switch, lockable
- Solar battery charger with solar array
- Resettable, switch-style circuit breakers (DC circuit)
- Battery charger 24V (10A for two isolated batteries: 5A for two batteries linked in series) constant voltage, UL Listed



Distribution System

- Multiple options for distribution
 - o California twist lock
 - o NEMA 3Ph
 - o Camlock
- All customer connections are easily accessible through rear door
- Distribution door protected with 24V DC shunt trip safety switch
- 3 pole, 1000A main circuit breaker
- Two-wire remote start/stop terminals and AC aux power connection for rapid start

Charging System

- Charging alternator; 24V, heavy duty with integral regulator and belt guards

Starting System

- Single 24V electric starting motor
- Unaided start -10°C (14°F) to + 50°C (122°F)
- Aided start -20°C (-4°F) to 50°C (122°F) with Jacket Water Heater

Exhaust System

- Outlet box mounted with vertical discharge

Lube Oil System

- On-engine primary and secondary oil filters, dipstick, and oil filler
- Closed crankcase breather
- 500-hour oil change interval

Trailer Options

- Vehicle Identification Number (VIN) plate, including serial number and supplier information to meet Department of Transportation (DOT) road requirements & Periodic Commercial Motor Vehicle Inspections Regulations (Canada)

General

- Factory Tested standard set
- Canadian Standards Authority (CSA) certified
- Full manufacturer's warranty, O&M manual



Sourcewell Quote

Sourcewell Contract #092222-CAT

Total Quote **\$209,290**

Cat Generator	C15
Generator List Price	\$ 248,482
Sourcewell Member Discount %	21%
Sourcewell Member Discount \$	\$ 52,181
Sub-Total	\$ 196,301
Net Priced items*	\$ 773.00
Sub-Total	\$ 197,074

*CAT ATS	
List Price	\$ -
SW Member Discount (20%)	\$ -
Total	\$ -

**Net Priced Items are subject to no further discounts (see Price Lists).*

Services / Source Goods	List Price
Freight	\$ 8,971
Delivery	\$ 1,017
Start Up	\$ 2,871
Sub Total	\$ 12,859
Sourcewell Member Discount %	5%
Sourcewell Member Discount \$	\$ 643
Services Total	\$ 12,216

Net Price, F.O.B. Job Site/Tailgate **\$209,290.00***

***If applicable, fees associated with the use of invoicing portals will be added to invoice amount.**

***If local regulations require the use of a portable generator set to test a docking station and downstream equipment, Milton CAT can provide a separate quotation for your consideration.**

Customer Value Agreement:

We are pleased to offer a Customer Value Agreement (CVA) which provides for routine maintenance of your new Caterpillar generator set for the first year. At the end of the first year of operation, Milton CAT will complete a comprehensive system inspection, oil, and filter replacement, submit engine oil and coolant samples for laboratory analysis, and fuel filter replacement (diesel models). You will be provided with complete documentation of all results and services performed.

Net Price: **\$00.00**

Note:

1. The quoted CVA price is an estimate and is subject based on-site conditions and date of acceptance.
2. Includes remote monitoring through Caterpillar.
3. Prices reflect single generator.
4. CVA programs can be customized to suit your specific needs, such as semi-annual and quarterly programs.
5. CVA Pricing may vary based on installation location and accessibility (geographically, rooftop, etc.)



6. Pricing for extended warranties is available upon request.
7. Pricing reflects grade level installations within 50 miles of your local Milton CAT branch. Additional travel time and mileage fees may apply.

Options:

1.	Net Price Adder/Deduct:	\$.00
2.	Net Price Adder/Deduct:	\$.00

This quotation is valid for 30 days. Due to the fluctuating costs associated with key materials such as steel, aluminum, and copper, Milton CAT reserves the right to review quotation pricing at the time of order and again at time of equipment release. If material costs increase by greater than 2%, Milton CAT will update our quotation accordingly. We appreciate your understanding during this volatile time and look forward to partnering with you as we work through it together.

Payment Terms:

With Credit Department Approval – Net 30 Days and 100% Paid Prior To Start Up.
 Sales tax is not included.
 Credit card payments are not accepted.

This is a quotation on the goods named above and subject to the conditions noted herein:

Scope:

1. This proposal is offered in accordance with specification sections , drawings numbers , and addenda
2. The equipment, services and testing defined in this proposal constitute the entire offer. No other items are included or implied.
3. Any changes to the scope of work contained herein and/or additional terms and conditions added by the Purchaser may void pricing and terms of this agreement. If such a situation arises, Seller may provide a revised agreement to reflect pricing and terms as changed or as required by the Purchaser.

System Check Test and Start up:

1. All installation and customer connections must be completed prior to start up technician arrival on site. The Milton CAT startup checklist must be completed and returned to Milton CAT at least one week prior to scheduled startup date. Additional charges may apply for incomplete or inaccurate checklist.
2. Startup and load test cost estimates are based on the site being complete and ready upon arrival. Startup is to be performed during normal business hours. Additional charges may apply for installations that are incomplete and/or inaccessible.
3. Return visits unrelated to Milton CAT’s efforts will result in additional charges.
4. Block heaters, battery chargers, exhaust systems, exhaust lagging, vibration isolators, breaker connections, fuel tanks filled, etc. must be performed by the installing contractor.

Gaseous Fuel System Requirements:

1. It is the contractor’s responsibility to ensure that adequate pressure and volume are available at the generator set inlet per Caterpillar installation guidelines (Model specific data available upon request).

Testing – Load Testing:

1. Milton Cat will provide a service technician to perform load bank testing. Load banks will be provided by Milton Cat.
2. Milton Cat Temporary Low Voltage Cables will be delivered to site by Milton Cat to connect the load banks to the generators. All off loading/rigging required to lay the cables and all loading/rigging required to return the cables to the original delivery point will be the responsibility of the installing contractor.
3. Any medium voltage cables to be provided and installed by the electrical contractor.



Clarifications:

1. Exceptions:
 - A. Spec Section :
 - B. Spec Section :
2. Deviations:
 - A. Spec Section :
 - B. Spec Section :
3. Delivery to the first destination is included. All offloading of equipment is excluded unless specifically noted above. Site accessibility, traffic control, etc. are the responsibility of others. Lift gate trucks are not available. If special accommodations are required, additional pricing will be provided.
4. All attempts will be made to avoid scuffing and marring of over width / permitted generator loads. Please note that Milton CAT is not responsible if said defects are the result of overgrown vegetation along the permitted route.
5. If a WCR rating other than that proposed is required because of a system coordination study (by others), a revised quotation will be provided.
6. In order to meet NEC requirements to monitor life safety start circuits, redundant start wiring to each ATS may be required. This should be reviewed by the Electrical Engineer of record and confirmed before installation.
7. All Caterpillar control panel protective device default settings will remain unless direction is provided by the engineer of record.
8. Unless noted above, day tank controls / pumps are not included.
9. For applications that require interface with BMS, Modbus Register tables will be provided. All programming and mapping of data points is by others.
10. Items marked as ships loose on the Bill of Material to be installed by others.
11. All NETA testing is excluded.
12. All Third-Party testing and commissioning are excluded.
13. All Coordination Studies are excluded.
14. All programming, settings, and testing of relays and protective devices is excluded.
15. All Ground Fault testing is excluded.
16. All Arc Flash Studies are excluded.
17. All fuel is excluded.
18. All installation of equipment is by others.
19. Items marked as ships loose on the Bill of Material to be installed by others.
20. Assembly of enclosure (if applicable) is not included in this proposal (i.e. exterior lighting, exhaust elbow, hoods, vents, etc.).
21. If any disassembly and reassembly of the generator set or enclosure is required for rigging purposes, please contact Milton CAT for revised pricing.
22. All permits, registrations, inspections, etc. are excluded.
23. Milton Cat reserves the right to correct errors and omissions.
24. Videotaping of training performed by Milton CAT Technicians is strictly prohibited.
25. Federal, State, and local code compliance is strictly the responsibility of the owner and/or the owner's representatives.
26. Title and risk of loss will pass to Buyer upon delivery of the equipment to project site or designated delivery address.
27. Buyer may not cancel a purchase order or return equipment without Milton Cat's written consent. Any cancellation or return is subject to additional charges.

This price is firm and valid for 30 days. Please see attached Terms and Conditions. Please note sales tax, if applicable, is not included in our price. We appreciate this opportunity to quote you on your equipment requirements and hope to be favored with your valued order.

We look forward to serving your future purchase and/or rental needs.

Sincerely,

Calvin Leung / Power Rental and Sales / Cell: (508) 622-9238 / Email: calvin_leung@miltoncat.com

MILTON CAT POWER SYSTEMS STANDARD TERMS & CONDITIONS



- A. Customer is responsible for all installation of the equipment supplied by **Milton Cat Power Systems**, unless otherwise specified in writing.
- B. All equipment needed to perform any loading or unloading of the equipment supplied by **Milton Cat Power Systems** is the responsibility of the buyer.
- C. All permits, fees and regulatory requirements are the responsibility of the buyer.
- D. **Milton Cat Power Systems** limits the scope of supply for this quotation to the equipment and services listed in our bill of material. Unless specifically listed in our bill of material, equipment not indicated is assumed to be supplied by others. We have detailed the equipment proposed in the bill of material. Please check it to be certain that it meets your requirements.
- E. **Milton Cat Power Systems** reserves the right to correct any errors or omissions.
- F. **Milton Cat Power Systems** offers no warranty as part of this agreement other than that which is passed on to the owner by the original equipment manufacturer.
- G. **Milton Cat Power Systems** assumes no liability of losses or delays arising from Acts of God, fires, weather conditions, labor controversies, delays in supplies, or other causes beyond the control of **Milton Cat Power Systems**.
- H. Any changes to the scope of work contained herein and/or additional terms and conditions added by the customer may void pricing and terms of this agreement. If such a situation arises, **Milton Cat Power Systems** may provide a revised agreement to reflect pricing and terms as changed or required by the customer.
- I. The Price of any equipment scheduled for shipment on a date beyond a period of twelve (12) months from date of purchase order is subject to increase by seller, unless otherwise agreed to in writing.
- J. Contracts which include penalty or liquidated damage clauses, waivers of subrogation, or naming a third party additionally insured are not acceptable or binding on **Milton Cat Power Systems**, unless accepted and confirmed in writing by an officer of **Milton Cat Power Systems**.
- K. **Successors and Assigns.** Customer shall not assign or transfer any of its obligations, responsibilities, rights or interests under this Agreement without the advance written consent of **Milton Cat Power Systems**. Any assignment or transfer by the customer in violation hereof shall be void and without force or effect.
- L. There will be a cancellation fee for any orders cancelled, once placed and accepted by **Milton Cat Power Systems**. Cancellation fees will be addressed and negotiated at time of cancellation.
- M. **Milton Cat Power Systems** will not be responsible for any labor or material charges by others associated with the start-up and installation of this equipment unless previously agreed upon, in writing by **Milton Cat Power Systems**.
- N. **Customer Acceptance:** This proposal is accepted at the price and per the terms indicated. (Please provide the entire proposal form to **Milton Cat Power Systems** with signature). **Milton Cat Power Systems** requires a purchase order to proceed with the order.
- O. **Force Majeure:** Neither Party shall be liable to the other Party, or be deemed to be in breach of the above-referenced Purchase Order/Contract, for any delay or failure to perform its obligations (other than payment obligations), if such delay or failure is due to any cause beyond the control of such Party, which includes but is not limited to acts of God, unavailability or shortages of materials or energy, fire, flood, unusually severe weather, epidemics, quarantine restrictions, war, terrorism, embargo, strikes, labor disputes, explosions, riots, laws, rules, regulations, restrictions, orders or acts of any governmental authority or any cause beyond the reasonable control of such Party or its suppliers. In the event that performance of this Purchase Order is hindered, delayed or adversely affected by causes of the type described above ("Force Majeure"), then the Party whose performance is so affected shall promptly notify the other Party's authorized representative in writing and this Purchase Order or Contract may be completed with such adjustments to delivery schedule as may reasonably be required by the existence of Force Majeure.
- P. Transactions that utilize any national purchasing agreements such as Sourcwell are governed by the terms and conditions of that national agreement. Any terms and conditions that are inconsistent or contradict those terms and conditions will not be accepted by **Milton Cat Power Systems**.
- Q. The contract price does not include any additional costs passed to **Milton Cat Power Systems** as a result of conditions external to **Milton Cat Power Systems** over which **Milton Cat Power Systems** has no control, including, but not limited to, supply chain shortages, war, pandemics, and tariffs.

Name (print)

Signature

Title

Date



XQ 300



796

Dedicated to Excellence in Public Service



City of Framingham 5 Year Capital Improvement Program FY2027-FY2031
Capital Project Request Form for FY2027 Projects

FY2027 Project requests must meet the definition of a Capital Project

A capital project is a major, nonrecurring expenditure that meets one or more of the following criteria:

The capital improvement is a tangible asset or project estimated to cost over \$25,000 and to have or to extend five or more years of useful life.

The community would legally be allowed to borrow for the expense under M.G.L. c. 44, § 7 and M.G.L. c.44, § 8.

The expenditure is for real property acquisitions, construction, and long-life capital equipment.

The project is for improvements to physical infrastructure (e.g., streets, sidewalks, and stormwater drains) and renovations of existing capital items that extend their useful lifespans.

The purchase or long-term capital lease is for vehicles or heavy equipment that have an expected useful life of 5 or more years.

The expenditure is to pay for the planning, engineering, or design services required for a construction or renewal project that itself qualifies as a capital expenditure.

The purchase is for bulk purchases of similar items, like software, furniture, or radios with an expected useful life of three or more years that, when aggregated, have total costs exceeding \$25,000.

Project Name Godwin Pump (Replaces Sewer No. 795, Godwin Pump)

Project Status Resubmission

Department Sewer

Project Lead Name Jeffrey Rousseau

Email address jrousseau@framinghamma.gov Phone 6073

Project Fiscal Year FY27 Department Priority # 16

Priority - Select the appropriate priority level based on the definitions below:

Urgent - addresses an imminent risk to the safety of the public or municipal personnel, and/or prevents the imminent destruction or collapse of public infrastructure or loss of assets.

High - necessary to ensure consistent, level service for the upcoming fiscal year. This priority type includes systems that a likely to fail, e.g., replacement of old or worn-out equipment, dramatically rehabilitate aging facilities, or facilitate a department's ability to meet increased service demands.

Moderate - either replaces assets that have outlived their useful life, enhances a benefit to the community over and above the existing level of service, results in costs savings or other efficiencies, or directly supports community's economic base by increasing property values.

Low - provides additions or improvements to services or programs having social, cultural, historic, economic, or aesthetic value, but does not require immediate approval and implementation.

Physical location/address of project/equipment

N/A

Project Status - Select the appropriate priority level based on the definitions below:

New - first time submission

Recurring - a routine project that must be completed annually or periodically, such as upgrading a pumping station's infrastructure or rehabilitating athletic fields.

Resubmission - a project was submitted in a previous year but not approved.

Revision/Upgrade to Previous Project - the scope of this project has changed or requires additional resources.

Project Financing

Estimated Project Cost –Enter the estimated cost of the project or asset. You are required to attach any quotes or other documentation to support the cost.

Amount Requested \$ 54,000

Life Expectancy - provide the number of years the asset is expected to last 20

Estimated timeframe to complete project or to receive asset - in months or years, estimate the duration of the project or the timeframe for delivery of equipment or asset. For example, if a new ambulance requires a build out and delivery time of 1 year, enter 1 year.

Estimated date for completion or delivery 8 Months

Timeframe - Additional Explanation

Proposed Funding Sources - Provide (if applicable) any potential grants, donations, or other available funds to supplement the regular financing of capital projects and assets. Attach documentation of possible grant opportunities, along with the community's funding requirements for acceptance. Describe and provide documentation for available discounts or cost reductions, such as trade in value.

Bond General Fund

Bond Enterprise Fund

Free Cash/Retained Earnings

____ CPA

____ Grant

____ Other Type of Loan

____ Other

____ Matching Requirements

Additional explanation/information related to funding source(s)

Project Description

Provide a basic description of the proposed project or equipment purchase, including:

- Location (if a building)
- Type of building
- Intended use(s)
- Whether land acquisition will be necessary (if a building)
- Discussion of primary cost drivers
- Stakeholders involved
- Narrative of qualification for specific funding source (e.g., grants, CPA)

This appropriation will fund the replacment of a 2006 Godwin pump (No. 795).

Project Justification

Provide justification for the project. Highlight the specific benefits that will directly result from completing the project. These details may depend on the chosen priority level and purpose. For instance, if the priority level is “Moderate” and purpose is “Service Enhancement,” describe any and all new benefits the project offers, including any cost savings or efficiencies. Additionally, state how the project will benefit community and administrative stakeholders and explain any negative impacts or potential consequences of not approving the project. This information is particularly important for projects classified as “Urgent/Compliance with Law” and

This is a 20-year-old trailer-mounted pump that is utilized as a backup for pump stations during failures and to provide bypass pumping during pump station repairs. Reliability is a concern as it ages. This request was deferred from the FY26 CIP.

If project is phased over several years indicate how many phases are complete N/A

Which phase of project is requested? N/A

Purpose of Project - check all that apply and include detail on what is being replaced or requested as new

Replace existing infrastructure

Replace existing capital asset

Replace existing vehicle

Replace existing equipment

New infrastructure

New capital asset

New vehicle

New equipment

Strategic/Comprehensive/Master Plan

Project Type - check all that apply

Land acquisition

Planning/Feasibility Study

Design

Construction

Equipment

Vehicle

Contingency

Other

Asset Type

Land

Municipal Building

School Building

Water/Sewer Infrastructure

Roadway Infrastructure

Traffic/Streetlight Infrastructure

Waterway/Beach

Recreation Trail

Bridge

Park/Playground/Athletic Field

Vehicle

Equipment

Software/Technology

Refuge/Recycling Center

Other _____

Project Community Impact

Health & Safety

Education

Aesthetics/Historic preservation

Environmental sustainability

Economic development

Cultural/Recreational opportunity

Service Improvement

Level Service Maintenance

Impact to Operating/Enterprise Budgets - explain the project's temporary and/or long-term impact on the operating budget. For example, capital construction projects can result in increased operating costs. Costs may increase during the project's duration (e.g., increased use of one building while another is demolished and reconstructed) or be longer lasting, such as new a building resulting in increased utility costs or the hiring of additional maintenance personnel.

Increase/Decrease to Personnel \$ -

Explanation

Increase/Decrease to Operating \$ -

Explanation

Additional Information

Checklist for completion

X FY2027 Project Request PDF file includes form, updated vendor memos/quote/pricing, photos.

X Save each FY2027 project request as separate PDF file (Department name/Project Name) to T Drive/Finance/CIP 27-31/Department Folder

Requested Vehicle / Equipment

DPW Fund Sewer	FY 2027	Department Sewer	FY First Requested FY23
Vehicle / Equipment Name		New Manufacturer Godwin	New Model
Godwin Pump (Replaces Sewer No. 795, Godwin Pump)			
Life Expectancy of New Vehicle/Equipment (Yrs.)		Quote for Replacement \$ 50,000	Date of Quote (Estimate)
		Replacement Needed By	Months to Procure 6
Escalation (Years)	2	Request Amount with Escalation	
Escalation Percentage	8.2%	\$54,000	

Vehicle Being Replaced

Vehicle / Equipment Name	Year	Miles	Hours
Godwin Pump Sewer No. 795	2006		
Condition		Maintenance Frequency	Parts Availability
Primary Function(s) - Check if Applicable			
Emergency Vehicle / Equipment	<input checked="" type="checkbox"/>	Frequency of Use	
Sanitation	<input type="checkbox"/>	Other Comments	
Operations	<input checked="" type="checkbox"/>		
Construction Inspection	<input type="checkbox"/>		
Snow & Ice	<input type="checkbox"/>		
Construction	<input checked="" type="checkbox"/>		
Other Uses (Description Below)	<input type="checkbox"/>		



gedwin pumps

FIRE EXTINGUISHERS



795

Jackson
PROFESSIONAL TOOLS

HWY