DEFER

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:

__X__ 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.

__X__ 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.

__X__ 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 Case CX145 Excavator (Replaces Water No. 653, CAT 315C 18-Ton Excavator)

Project Status Resubmission

Department Water

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.

__X__ 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.

__X__ 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 $ 227,000

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

__X__ Bond Enterprise Fund

__X__ 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 2005 Caterpillar 18-ton excavator (No. 653).

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 excavator is a 2005 model with 6,362 hours of use. It is in poor condition and its cab is very corroded. It is a critical piece of equipment, used for emergency-response digs and pipe construction.The tracked excavator is used for sewer digs and is therefore critical for big emergencies, such as the Worcester Road Pump Station force main break in July 2024. It is needed on a more routine basis to load dirt spoils at DPW's facility at Western Avenue. 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

X 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

X 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

__X__ 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

__X__ 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
Water	2027	Water	FY25

Vehicle / Equipment Name	New Manufacturer	New Model
Case CX145 Excavator (Replaces Water No. 653, CAT 315C 18-Ton Excavator)	Case	CX145
	Quote for Replacement	**Date of Quote**
	$ 209,900	August 28, 2025

Life Expectancy of New Vehicle/Equipment (Yrs.)	Replacement Needed By	Months to Procure
20	2026	12

Escalation (Years)	2	**Request Amount with Escalation**
Escalation Percentage	8.2%	**$227,000**

Vehicle Being Replaced

Vehicle / Equipment Name	Year	Miles	Hours
CAT 315C 18-Ton Excavator Water No. 653	2005	N/A	6,362

Condition	Maintenance Frequency	Parts Availability
Poor - not reliable	Monthly	

Primary Function(s) - Check if Applicable	
Emergency Vehicle / Equipment	X
Sanitation	
Operations	X
Construction Inspection	
Snow & Ice	
Construction	X
Other Uses (Description Below)	

Frequency of Use

When needed - special use

Other Comments

The excavator is used for emergency-response digs and pipe construction. It is in poor condition and not considered reliable. Its cab very corroded.

Purchase Agreement

MONROE TRACTOR
we keep you working

Order date: 8/28/2025 **Acct no.** FRAM001 **Phone:** 508-532-5601

Sold to: Framingham Dept Public Works **Email:** jrousseau@framinghamma.gov

Address: 100 Western Ave, Framingham, MA, 01702

Store info: Westborough - 97 Turnpike Road Westborough, Massachusetts 01581 • 508-845-4343

New/Used/Rental	Stock number	Description (make and model)	Serial number	Price
New		Case CX145D MSR		$209,900.00
		36' Digging Bucket		
		Hydraulic Thumb		
		Hydraulic Coupler		
		Standard Ditching Bucket		

S&H	
Subtotal	$209,900.00

Trade-in equipment

Year	Make	Model	Serial #	Hours	Trade allowance	Loan pay off	Net trade equity
							$0.00
							$0.00
							$0.00
							$0.00
							$0.00
			Subtotal	$0.00	$0.00		$0.00

Sale price	$209,900.00
Net trade equity	$0.00
Net balance	$209,900.00
Sales tax	
Total	$209,900.00
Down payment	
Net due	$209,900.00

☐ Sold as is, no warranty of any kind have been given by dealer or its agent. ■ Sold with new manufactures warranty 3 year/3000 hr

Special agreements:

Financing terms:

THERE ARE NO OTHER WARRANTIES MADE BY THE DEALER, EXPRESS OR IMPLIED, OR TO MERCHANT ABILITY OR FITNESS FOR A PARTICULAR PURPOSE. DEALER SHALL NOT BE RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES WHETHER OR NOT ANY WARRANTIES ARE EXTENDED TO BUYER BY DEALER OR MANUFACTURER. ALL WARRANTY REPAIRS MADE UNDER THIS AGREEMENT MUST BE MADE IN DEALER'S SHOP AND BUYER IS RESPONSIBLE FOR HAULING EQUIPMENT FOR REPAIR. NO WARRANTY IS GIVEN BY THE DEALER FOR TIRES, BATTERIES, OR ACCESSORIES. BUYER IS FULLY RESPONSIBLE FOR REPAIRS NECESSITATED BY ACCIDENT, MISUSE, OR NEGLECT. ANY WARRANTY GIVEN BY DEALER UNDER THIS AGREEMENT IS NOT TRANSFERABLE.

Seller: Monroe Tractor & Implement CO., INC. **Purchaser:** _____

Salesperson: Teddy McDonald **Print name:** _____

Approved: _____ **Signature:** _____


CAT
CAT
315


CATERPILLAR
CAT
653
CAT 315C
DANGER
CAT

RECOMMEND

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_____ 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.

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Project Name Fire Flow Restoration and Water Quality Improvement Program - FY27

Project Status Recurring

Department Water

Project Lead Name Stephen Leone

Email address sjl@framinghamma.gov Phone 6061

Project Fiscal Year 2027 Department Priority # 2

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

__X__ 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

City-wide

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

_____ New - first time submission

__X__ 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 $ 5,566,000

Life Expectancy - provide the number of years the asset is expected to last 75

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

__X__ Bond Enterprise Fund

_____ Free Cash/Retained Earnings

_____ CPA

X Grant

X 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)

This appropriation will provide funds for the design and replacement of water mains and appurtenances at locations in the water system identified as having restricted volume and pressure. The work includes replacement of insufficiently performing water mains by in-house staff and the City's on-call utility contractor. Additionally, removal of unlined cast iron mains subject to internal corrosion known as tuberculation, serves to improve domestic drinking water quality. The FY2027 appropriation will continue to fund the Fire Flow Restoration and Improvement Plan previously funded by the Annual Various Water Improvements.

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 significant pressure and flow restrictions in the water distribution system is needed to ensure the Fire Department can provide adequate fire protection to properties throughout the City, and to improve pressure and volume for domestic water service to ratepayers. Removal of aged unlined cast iron pipe and tuberculated water services from the city's distribution system also aids in maintaining drinking water quality from the source to our customers' taps.

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

X 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

X Construction

____ Equipment

____ Vehicle

____ Contingency

____ Other

Asset Type

____ Land

____ Municipal Building

____ School Building

X 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

__X__ 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

M E M O R A N D U M

DATE: 7/27/25

TO: Robert Lewis
Director Department of Public Works

FROM: Steve Leone
Director Water & Wastewater

RE: **FY2027 Fire Flow and Water Quality Improvements**

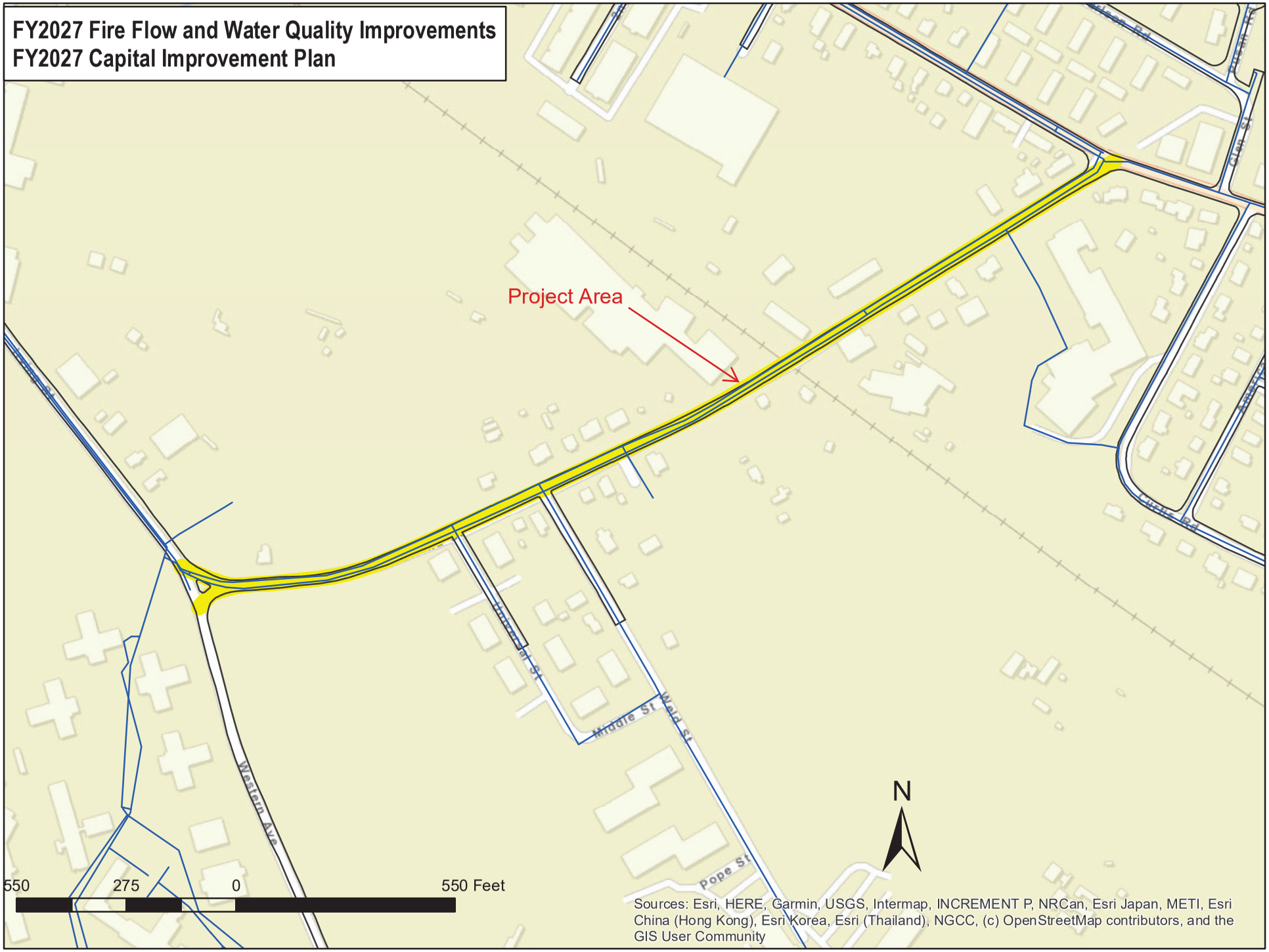
Fire flow funding has historically been used to replace water mains that do not have adequate fire flow due to age and tuberculation build up inside the pipe restricting the flow. This request will fund replacement of the water main and appurtenances on Old Connecticut Path between School Street and the Wayland town line. It also includes water main replacement on Birch Road, Brossi Circle, and Summit Path, all of which are on the low flow list. The 16-inch diameter water transmission main will be abandoned from Riverpath Drive to School Street and the new water main on Old Connecticut Path will be increase to a 12-inch main between School Street and Riverpath Drive. This funding will also include site cleanup and the demolition of the old well buildings at the Birch Road wellsite, which are a hazard. Roadway restoration on Old Connecticut Path will include milling and paving a few feet wider than the water trench after there has been sufficient settlement time. The three side roads will be milled and paved half the width of the road since they are much narrower in width.

In advance of the Weld Street pumping station construction, it is recommended that the City abandon the 8-inch diameter cast iron water main on Leland Street from 1929 and tie over all of the services, side streets, and fire hydrants to the 12-inch ductile iron water main from 1991. This will abandon an old unreliable water main and improve water quality in this area of the city by removing an unlined cast iron main from the water system. It will also eliminate the unnecessary volume of water from these redundant mains as there is not enough demand for two mains. The abandonment of the 8-inch water main will reduce the overall volume of water. The 12-inch water main is sufficient for the daily demand and fire flow. This will also replace many old services and valves that are prone to leaking.

Another advantage to performing the work on Leland Street is that the abandoned 8-inch water main may be able to be repurposed as a bypass sewer force main while the

actual force main for the Weld Street pumping station is being replaced or rehabilitated during construction. This would limit disturbance to the roadway, as well as be a cost savings to the City if actual bypass piping does not have to be installed. The funding request to perform both of these projects under this request is $4,323,000 for the fire flow improvements on Old Connecticut Path and $1,243,000 for the water quality improvements on Leland Street for a total **FY2027 Fire Flow and Water Quality Improvements request of $5,566,000,** including a 20% contingency.


FY2027 Fire Flow and Water Quality Improvements
FY2027 Capital Improvement Plan
Project Area
Riverpath Dr
Brigati Ter
Danforth St
Summit Path
Cochituate State Park
Lake Cochituate
Lake Cochituate
Lake Cochituate
N
500
250
0
500 Feet
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


FY2027 Fire Flow and Water Quality Improvements
FY2027 Capital Improvement Plan
Project Area
Western Ave
Middle St
Pope St
N
550
275
0
550 Feet
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

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__X__ 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.

__X__ 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.

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_____ 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.

__X__ 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 Water Meter Collection System End Point Replacement Plan

Project Status New

Department Water

Project Lead Name Alex MacKenzie

Email address ajm@framinghamma.gov Phone 6058

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.

__X__ 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

City-wide

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

X 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 $ 3,700,000

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 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

X 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)

The Water Meter Collection System End Point Replacement Program is the second phase of a 3-phase project to transition to a new metering system, install new data collector units, and replace all of the city's water meter end points. Water meter end points are data transmitter units installed at residences and businesses used to send water use information to the billing office so that billing is accurately performed. In 2023 the Department initiated switching to a new system, which is more reliable compared to the City's old system. This new system not only has a greater product availability and technical support but offers three ways of reading meters that the old system did not. In the new system, when standard radios cannot get a signal to the billing office due to poor signal strength, the option of a cellular end point is available, similar to a cell phone signal. In the event a collector became unavailable in the new system (e.g., taken out of service for maintenance), overlapping collector areas have been implemented for much of the city, and the new meter end points also offer a back-up drive-by reading feature, leading to greater overall reliability of the system. A customer portal is now available to accounts that have been transitioned to new system. In FY2027, the target is to replace all of the meter end points that are remaining to be replaced after phase 1 is completed (approx. 11,000 units). Once all endpoints are replaced, all customers will be able to view their water use information on the portal. Additionally, under this appropriation the Department will target replacing older large meters for high-use customers. This will include meters sized 3-inches and above.

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 Meter Collection System End Point Replacement Program aims to remove water metering equipment from the water distribution system that has reached or exceeded end-of-life. The water meter end points have a 20-year battery life and most were installed between 2007 and 2009. The Water Department has been informed by the manufacturer of the existing units that batteries are only intended to last into 2027, so replacements will be critical to avoid increasing numbers of equipment failures in the system. Replacing these end points is critical in capturing all of the water usage for revenue and accurately billing residents and business owners. Removing inaccurate, inefficient, or failed units from the water system improves the accuracy of water meter readings, thereby decreasing underbilling or overbilling customers and water loss to the city. Replacing outdated equipment and implementing newer technology will increase the reliability of data collection, offer the City more streamlined customer invoicing, and enhance the overall reliability of the City's water and sewer billing system. Large meter replacement captures more accurate flows resulting in more revenue for the City. Aged meter tend to lose accuracy and under-read the flow of water. This project is critical to improve billing accuracy and increase revenue collection for the Enterprise Fund within the City.

If project is phased over several years indicate how many phases are complete 3

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 _____

X 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 _____

X 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

__X__ Equipment

_____ Software/Technology

_____ Refuge/Recycling Center

_____ Other _____

Project Community Impact

_____ Health & Safety

_____ Education

_____ Aesthetics/Historic preservation

_____ Environmental sustainability

_____ Economic development

_____ Cultural/Recreational opportunity

__X__ 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: 8/29/2025

TO: Stephen Leone
Director of Water & Wastewater

FROM: Alex MacKenzie
Assistant Director of Water & Wastewater

RE: **Cost Estimate for FY2027**
Water Meter Collection System Endpoint Replacement Plan

As part of our program to enhance the City's Water & Sewer Billing, our aim is to improve the reliability and dependability of the City's data collection system. As you are aware, in FY2025 the Water Department began the Water Meter Collection System Endpoint Replacement Plan, wherein the work to replace over 80% of the meter transceiver units (MXUs) that were approaching end of life was projected to require three phases of capital investment to accomplish. In FY2027 the Water Department will be prepared to begin Phase 2 after having completed Phase 1 of the plan previously presented.

As you know, as end-of-life approaches, these MXUs begin to fail and become increasingly unreliable. When these units fail to transmit data from water meters to the data collection system, customer water usage information is not received by the Water & Sewer Billing office. In FY2025 the Water Department initiated the first year of the three-phase replacement plan to eliminate aged and unresponsive MXUs from our system, and transition to a new more robust, reliable, adaptable, and customer-friendly system. This first phase of this plan included the replacement of approximately 8,000 devices and will be close to completion by the end of FY2026. The second phase of this plan includes 11,000 devices as well as large meter replacements (3-inches and larger) on the oldest large meters that are still in the system. Large meters are generally used in high-volume user locations and it is important that these are updated to accurately capture the water usage of our highest water users.

The Water & Wastewater Department has committed to transitioning our data collection system from a 100% radio-based system to a hybrid radio and cellular-based system. This decision was made largely as a response to the lack of available equipment for the foreseeable future to replace the City's existing end-of life equipment. As a fully radio-based system, the old collection system has limitations that the new system will not have, and the equipment cost per unit to replace the end-of-life units would have been greater.

The collection system conversion has required the Department to invest in the installation of new radio collectors located at carefully mapped locations within the city, which was completed in 2023. For those areas where communication with a radio collector was previously not reliable or not possible, the Department has

begun to roll out cellular-based data transmitters to capture those data, which has been quite successful. The system we are implementing supports drive-by data collection if there is a failure to receive data by radio or cellular, which is a feature the City's previous system does not have.

An FY2027 appropriation for the *Water Meter Collection System End Point Replacement Plan* will provide the funds necessary to procure the equipment needed to perform approximately 11,000 unit conversions to the new collection system. Our objective first and foremost will be to eliminate units that are not providing reliable water usage data to Water & Sewer Billing office – which in turn will reduce the number of customer accounts requiring Department personnel to access properties to manually read usage data and/or requiring estimated usage invoices to be generated. The following describes the funding required over the next three fiscal years to complete the collection system conversion.

Water Meter Collection System
End Point Replacement Plan

Description	FY27
11,000 Meter end points purchase	*$1,660,000*
11,000 Meter end points install	*$968,000*
74 Large meter purchase (3" – 10")	*$327,165*
74 Large meter install (3"-10")	*$129,030*
2 collectors install	*$66,000*
Consultant project management, implementation with billing system, work orders	*$500,000*
Total Estimated Cost	*$3,650,195*
FY2027 WATER METER REPLACEMENT REQUEST	**$3,700,000**

We are requesting funding in the sum of **$3,700,000 in FY2027 for the Water Meter Collection System Endpoint Replacement Plan**. The *Water Meter Collection System Endpoint Replacement Plan* is a critical project with financial implications for the Water & Wastewater Department that cannot be resolved without funding to perform the work described.

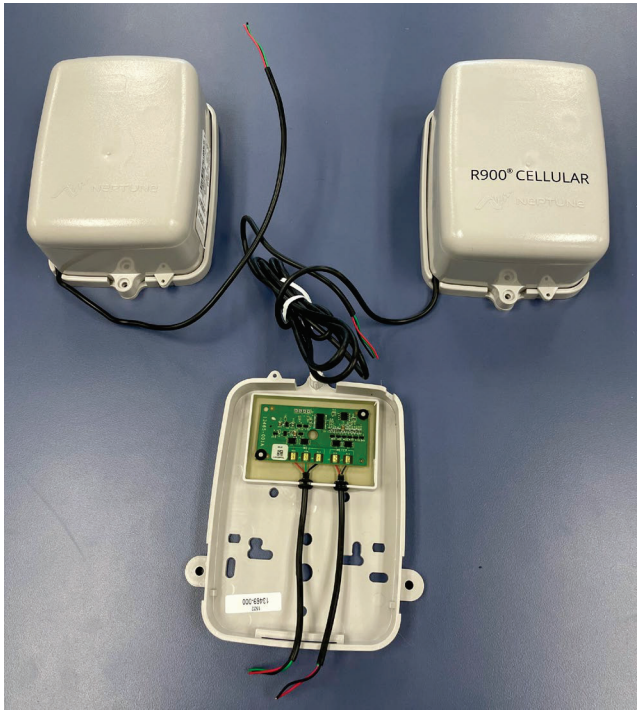
Water Meter Collection System End Point Replacement Plan – FY2027 Capital Proposal

Aged water meter and transceiver unit (MXU)

Inaccessible meter & MXU in need of replacement and relocation

Existing end-of-life endpoint removed from collection system

New hybrid system: radio and cellular endpoints + conversion plate



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:

__X__ 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.

__X__ 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.

__X__ 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 F750 Emergency Response Truck (Replaces Water No. 644, Freightliner Emergency Response Truck)

Project Status Resubmission

Department Water

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.

__X__ 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.

__X__ 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 $ 349,000

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

__X__ Bond Enterprise Fund

__X__ 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 2011 Freightliner (No. 644) with a construction body serving as a specialized emergency response vehicle for the Water Department. It is equipped with compressor, generator, portable workshop, and water tank.

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 being replaced is a 2011 model in fair condition, requiring relatively frequent maintenance. It has logged 21,322 miles and 8,564 hours. This is a large utility truck, specially equipped for water main break response and repair. It is critical for daily use and to address emergencies.

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

X 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

X 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

__X__ 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

__X__ 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
Water	2027	Water	FY24

Vehicle / Equipment Name	New Manufacturer	New Model
Ford F750 Emergency Response Truck (Replaces Water No. 644, Freightliner Emergency Response Truck)	Ford	F750

Quote for Replacement	Date of Quote
$ 322,994	October 25, 2024

Life Expectancy of New Vehicle/Equipment (Yrs.)	Replacement Needed By	Months to Procure
10	2027	18

Escalation (Years)	2	Request Amount with Escalation
Escalation Percentage	8.2%	**$349,000**

Vehicle Being Replaced

Vehicle / Equipment Name	Year	Miles	Hours
Freightliner M2106 Emergency Response Truck Water No. 644	2011	21,322	8,564

Condition	Maintenance Frequency	Parts Availability
Fair	At least every two months	Some delay issues

Primary Function(s) - Check if Applicable	
Emergency Vehicle / Equipment	X
Sanitation	
Operations	X
Construction Inspection	
Snow & Ice	
Construction	X
Other Uses (Description Below)	

Emergency response specially-equipped large service vehicle to handle water daily uses and breaks under emergency conditions.

Frequency of Use

Daily

Other Comments

This is a large utility truck, specially equipped for water main break response and repair.

Quote

#QUO1449

10/24/2024

McGovern MHQ Inc

401 ELM STREET
MARLBOROUGH MA 01752
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		TRUCK #644	

VIN	Make	Model	Color

Quantity	Item	Description	Contract ID	Rate	Amount
	Description				
	VEHICLE				
1	**NEW ITEM**	F7A - F750 REGULAR CAB	MAPC	$65,585.00	$65,585.00
1	**YZ**	Oxford White	MAPC	$0.00	$0.00
1	**NEW ITEM**	E_01 - Interior Color, Grey	MAPC	$0.00	$0.00
1	**99N**	Engine: 7.3L V8 Gas Engine	MAPC	$0.00	$0.00
1	**44P**	TRANSMISSION: 6-SPEED O/D W/ TOW HAUL - INC: AUXILIARY COOLER (STD)	MAPC	$0.00	$0.00
1	**41B**	Transmission Power Take-Off Provision w/LineDrive Capability Tow/ Haul	MAPC	$377.00	$373.23
1	**643**	Wheels, Front 22.5" x 8.25" White Powder Coated Steel, 10-Hole	MAPC	$0.00	$0.00
1	**NEW ITEM**	Tires, Front Two 11R22.5H Goodyear Fuel Max RSA (497rev/mile)	MAPC	$57.00	$56.43
1	**NEW ITEM**	663 - Wheels, Rear 22.5" x 8.25" White Powder Coated Steel, 10-Hole	MAPC	$0.00	$0.00
1	**NEW ITEM**	R2H - Tires, Rear Four 11R22.5H Goodyear Fuel Max RTD (493 rev/mile)	MAPC	$224.00	$221.76
1	**67H**	Hydraulic Brake System - Bosch HydroMax w/ Traction Control	MAPC	$0.00	$0.00
1	**43P**	12,000lb Cap. Non-Driving - Dana E-1202I - I-Beam Type	MAPC	$674.00	$667.26
1	**61D**	Taper-Leaf Springs, Parabolic-12,000lb Cap.	MAPC	$391.00	$387.09
1	**NEW ITEM**	475 - 21,000lb Single Reduction- Open - Dana / Spicer 21060S	MAPC	$0.00	$0.00
1	**68P**	Multi-Leaf Springs - 21,000lb Cap.	MAPC	$0.00	$0.00

QUO1449

Quote

#QUO1449

10/24/2024

Quantity	Item	Description	Contract ID	Rate	Amount
1	**NEW ITEM**	X6D - 6.50 Axle Ratio	MAPC	$0.00	$0.00
1	**NEW ITEM**	200WB - 200" Wheelbase/126" CA/75" AF/314" OAL	MAPC	$628.00	$621.72
1	**535**	Single Channel - Straight 'C' 15.14 SM, 80,000 PSI	MAPC	$0.00	$0.00
1	**NEW ITEM**	86C - Chrome Grille Surround	MAPC	$315.00	$311.85
1	**NEW ITEM**	91H - Single, Horizontal Muffler - Frame Mounted Right Side Back of Cab w/ Catalytic Converter	MAPC	$0.00	$0.00
1	**NEW ITEM**	65A - Fuel Tank - LH 50 Gallon - Steel	MAPC	$0.00	$0.00
1	**NEW ITEM**	17E - 240 Amp Alternator	MAPC	$526.00	$520.74
1	**NEW ITEM**	55M - Jump Start Stud - Remote Mounted	MAPC	$116.00	$114.84
1	**63B**	Battery - Two 900 CCA, 1800 Total, Included Steel Battery Box	MAPC	$76.00	$75.24
1	**59C**	Body Builder Wiring - At End of Frame, Combined -(ILO Standard - Back of Cab Combined)	MAPC	$173.00	$171.27
1	**NEW ITEM**	17M - Back-Up Alarm - Electric, 102 dBA	MAPC	$141.00	$139.59
1	**NEW ITEM**	88Y - 40/20/40 Fixed Driver & Fixed Passenger w/Unique 20% Fold-Down Console - Vinyl	MAPC	$539.00	$533.61
1	**600A**	Order Code 600A	MAPC	$0.00	$0.00
1	**NEW ITEM**	61M - Rear View Camera w/ Mirror Display	MAPC	$770.00	$762.30
1	**90P**	Power Equipment Group	MAPC	$705.00	$679.95
1	**59F**	Four Body Builder Switches - Mounted in Centre Instrument Panel	MAPC	$160.00	$158.40
1	**NEW ITEM**	55P - 110 A/C Outlet - in Lower Centre Finish Panel	MAPC	$127.00	$125.73
1	**NEW ITEM**	588 - Radio: AM/FM Stereo w/2 Speakers, USB Input, Clock Display and Bluetooth	MAPC	$0.00	$0.00
1	**NEW ITEM**	54P - Mirrors, Duel - Heated & Motorized Rectangular, XL2020 - 96" Width	MAPC	$235.00	$232.65
	VEHICLE SUB				$71,738.66
	CONTRACT EQUIP				

Quote

#QUO1449

10/24/2024

Quantity	Item	Description	Contract ID	Rate	Amount
1	**SUBLET SERIALIZED-1**	SUBLET TO JC MADIGAN FOR UPFIT: KNAPHEIDE LINE BODY W/ 84" INSIDE HEIGHT FULL WIDTH CANOPY ROOF MODEL 6169HC INSTALLED, UNDERCOATED AND PAINTED YELLOW TO MATCH CAB: SEE ATTACHED SHEET FOR FULL FEATURES AND SPECIFICATIONS	MAPC	$228,916.00	$228,916.00
1	**IW2MHQ3**	LIBERTY II WC 54" ALL AMB W/ TD&ALY	MAPC	$2,525.00	$2,525.00
6	**M9LZC**	M9 SURFACE MT LED SCENE LT	MAPC	$546.30	$3,277.80
2	**M9V2AC**	M9 V-SERIES LIGHT AMBER/CLEAR	MAPC	$849.60	$1,699.20
4	**M9A**	M9 LED FLASHER AMBER	MAPC	$375.00	$1,500.00
4	**M4A**	M4 LED FLASHER AMBER	MAPC	$325.00	$1,300.00
4	**M62BTT**	M6 LED BRAKE/TAIL/TURN RED	MAPC	$157.50	$630.00
2	**M4C**	M4 LED FLASHER WHITE	MAPC	$325.00	$650.00
4	**IONA**	ION LIGHT AMBER	MAPC	$250.00	$1,000.00
1	**45B88**	LIGHTBAR 4500 SERIES	MAPC	$626.40	$626.40
2	**NEW ITEM**	45ADRBA - ROTABEAM SUPER LED AMBER	MAPC	$391.50	$783.00
6	**NEW ITEM**	45ADL8A - AMBER LED LIGHTHEAD FOR 4500 SERIES BAR	MAPC	$232.20	$1,393.20
	CONTRACT EQUIP SUB				$244,300.60
1	**SHOP SUPPLIES**	WIRING AND SHOP SUPPLIES	MAPC		$325.00
1	**DELIVERY FEE**	DELIVER TRUCK TO FRAMINGHAM, MA	MAPC		$74.00
1	**ESTIMATED MODEL YEAR INCREASE**	ESTIMATED 5% 2026 FORD MODEL YEAR PRICE INCREASE	MAPC		$6,558.00
	Description	BASIC WARRANTY: 24 MONTHS/ UNLIMITED MILES, POWERTRAIN: 60 MONTHS/100,000 MILES, CORROSION PERFORATION: 36 MONTHS/ UNLIMITED MILES, FRAME RAIL: 60 MONTHS/UNLIMITED MILES, ROADSIDE ASSISTANCE: 24 MONTHS/ UNLIMITED MILES.			

Quote

#QUO1449

10/24/2024

Quantity	Item	Description	Contract ID	Rate	Amount
	NON CONTRACT EQUIP SUB				$6,957.00

Subtotal	$322,996.26
Tax (0%)	$0.00
Total	$322,996.26

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

QUO1449


644
FRAMINGHAM
BUSINESS CLASS

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:

__X__ 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.

__X__ 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.

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

__X__ 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 Water Improvements

Project Status New

Department Water

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.

__X__ 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:

X 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 $ 3,480,000

Life Expectancy - provide the number of years the asset is expected to last 75

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

X 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)

The Maynard Road water main is 6-inch unlined cast-iron pipe installed in 1888. This water main is well past its design life and is undersized by today's standards. Cast iron pipe is also prone to decreased water quality. The hydrants and valves on Maynard Road are aged and in need of replacement. The Maynard Road water main is one of the oldest water mains remaining in the City's distribution system. The Maynard Road Water Improvements are proposed to be completed along with the Maynard Road Sewer Improvements as both utilities are in need of replacement. This appropriation will also fund water main replacement on Adams Road and Salem End Road.

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

Aside from being one of the oldest water mains remaining in Framingham's system, this water main is undersized. It is a 6-inch water main and today's minimum standard is 8 inches for water system piping. With Framingham State University continuing to expand, this area has seen an increase in demand. The intention of this project will be to install a 12-inch diameter water main to complete a 12-inch diameter water main loop between Worcester Road (Route 9) and State Street which will increase available flow to this area.

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

X 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

X Construction

____ Equipment

____ Vehicle

____ Contingency

____ Other

Asset Type

____ Land

____ Municipal Building

____ School Building

X 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

__X__ 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: 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,

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

Task 1 - Design & Permitting

		Project Principal (Hours) R. Allgrove	Senior Engineer (Hours) S. Castaneda	Engineer (Hours) L. Howe-Januzzi	Intern (Hours) Technician	Engineer (Hours) R. Kloiber	Project Manager (Hours) B. Mangan	Traffic Proj. Man. (Hours) J Davis	Traffic Sr. Proj. Man. (Hours) Jim F	Direct Expenses ($)	
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	30	16		
5	MassDOT Permit	1	12	24			4				
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 - S
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

APEX


Maynard Road Water and Sewer Improvements Project
FY2027 Capital Improvement Plan
Project Area
Grove St
Pleasant St
Church Grn
Worcester Rd
Worcester
Adams Rd
Framingham State University
Framingham Center
N
560
280
0
560 Feet
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:

__X__ 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.

__X__ 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.

__X__ 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 Utility Body Pickup w. Plow (Replaces Water No. 606, F550 Utility Plow)

Project Status New

Department Water

Project Lead Name Jeffrey Rousseau

Email address jrousseau@framinghamma.gov Phone 6073

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.

__X__ 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:

X 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 $ 165,000

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

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

X Bond Enterprise Fund

X 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 replacemenet of a 2012 Ford F550 utility truck with plow (No. 606)

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 is equipped with a crane and used daily, primarily for maintenance of DPW's 2,600 hydrants in the system. It is in fair condition and has 46,364 miles logged.

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

X 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

X 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

__X__ 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

__X__ 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
Water	2027	Water	FY26

Vehicle / Equipment Name	New Manufacturer	New Model
Ford F550 Utility Body Pickup w. Plow (Replaces Water No. 606, F550 Utility Plow)	Ford	F550
	Quote for Replacement	**Date of Quote**
	$ 152,552	September 8, 2025

Life Expectancy of New Vehicle/Equipment (Yrs.)	Replacement Needed By	Months to Procure
10	2027	12

Escalation (Years)	2	**Request Amount with Escalation**
Escalation Percentage	8.2%	**$165,000**

Vehicle Being Replaced

Vehicle / Equipment Name	Year	Miles	Hours
Ford F550 Utility Plow Water No. 606	2012	46,364	Out for service

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	Equipped with crane. Currently out for third-party repairs.
Construction Inspection		
Snow & Ice		
Construction		
Other Uses (Description Below)		
Used to maintain DPW's 2,600 hydrants.		

Quote

Company/Dept:	City of Framingham - Public Works Department	Date:	September 8, 2025
Contact:	Jeff Rousseau	Quote #:	
Street Address:	100 Western Ave.	Revision #:	TRUCK #606
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:	Ford F550 Service Body	Contract:	MAPC

QTY	Item #	VEHICLE LINE DESCRIPTION	UNIT PRICE	Ext Line Total
1	F5H	2026 Ford F550 RC DRW 145" WB 60" CA Chassis	$56,446.00	$56,446.00
1	660A	Order Code 660A		
1	AT	Safety Yellow	$660.00	$640.20
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	$184.30
1	X8L	4.88 Limited Slip Axle	$395.00	$383.15
1	473	Snow Plow Prep Package	$350.00	$339.50
1	512/61J	Spare Tire, Wheel and 6-Ton Jack	$350.00	$339.50
1	61L	Front Wheel Well Liners	$180.00	$174.60
1	67B	410 Amp Dual Alternators	$215.00	$208.55
1	68U	Payload Upgrade Package 19,000# GVWR	$815.00	$790.55
1	76C	Exterior Backup Alarm	$230.00	$223.10
1	86M	Dual Batteries		
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
1	43C	120V/400W Outlet	$225.00	$218.25
1	52B	Integrated Trailer Brake Controller	$300.00	$291.00
			Vehicle Total:	**$61,460.90**

QTY	Item #	EQUIPMENT LINE DESCRIPTION	UNIT PRICE	Ext Line Total
1		9' STEEL SERVICE BODY	$ 18,242.91	$18,242.91
1		REINFORCE RIGHT REAR COMPARTMENT FOR CRANE MOUNT	$ 2,350.00	$2,350.00
1		PPG Paint Upgrade Level #1	$ 1,326.76	$1,326.76
1		LIFTMOORE 2,000# ELECTRIC CRANE	$ 8,550.00	$8,550.00
1		CRANK DOWN OUTRIGGERS	$ 4,700.00	$4,700.00
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 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	Two (2) Single Panel Pioneer Scene lights pole mounted on rear of body	$ 1,177.00	$2,354.00
2	PBAPEDD	Two (2) Pedestal Mount Kit for Pioneer™ with Pole/Pedestal Mount Adapter	$ 335.00	$670.00
1	PLOW	Boss 9' Trip Edge Super Duty snow plow package with cutting edge	$ 10,422.00	$10,422.00
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:	**$76,303.30**

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	$5,644.00	$5,644.00
1		Potential 10% Equipment Increase	$6,070.00	$6,070.00
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: **$14,788.00**
				Vehicle and Equipment Total: **$152,552.20**
				Vehicle Quantity: **1**
				Sub total: **$152,552.20**
Trade Description		**Trade VIN**	**Trade Miles**	**Trade Value**
				Trade Vehicle/s Total: **$0.00**
				Quote Grand Total: **$152,552.20**

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 Requirments
Actual Cost May Change Once Project Elements are Finalized
Trade value is subject to change based on time, mileage and condition of vehice 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

No photographs available. Out for third-party repairs.

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:

__X__ 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.

__X__ 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.

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

__X__ 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.

__X__ 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 Elm Street Water Pump Station & Mains - Final Design

Project Status New

Department Water

Project Lead Name William Sedewitz

Email address wrs@framinghamma.gov Phone 6012

Project Fiscal Year 2027 Department Priority # 7

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

__X__ 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

Elm Street and Bradford Road

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

X 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 $ 500,000

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

X 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 design completion for the rehabilitation of the existing 5.4 MGD Elm Street Water Pump Station that draws water from the MWRA water system. The Elm Street Water Pump Station is vital to provide supply, pressure, and to maintain drinking water quality in Framingham's water system. The project also includes replacement of water mains along Elm Street between Chestnut Street and Pinewood Drive (replacing the 20-inch diameter transmission main and consolidating 6-inch and 8-inch diameter distribution mains into one 12-inch diameter main), installing an 8-inch diameter water main across the Weston Aqueduct, and replacing and rehabilitating limited sections of sewer main along Elm Street. As proposed, investigation and proposal for consolidation of the two domestic water mains and replacement of the transmission main in Elm Street was performed under the previous appropriation. It was determined that incorporation of the water main and transmission main improvements into the pump station rehabilitation design is the recommended approach. The design of the pump station and water main improvements is currently advancing towards the 60% milestone, and can be completed with this funding.

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 station, which draws water from the MWRA system and discharges it to the City, is in need of electrical and mechanical upgrades. The controls, including electrical system and motor controls were installed in the 1960s. The MCCs now no longer meet codes, and spare parts are no longer "off the shelf" making maintenance challenging. Although one of the pumps was replaced in the 1990s, the other is original and in need of replacement. The back-up pumping system is an engine-driven pump that is not functioning, with no other form of back-up. Although the structure is in good condition, the heating system for the building is old and in need of upgrade. An electrical service failure to the building in 2025 took the station completely out of service. Working with Eversource, a temporary electrical service was installed allowing one of the stations electrical pumps to operate.

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

X 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

X Design

____ Construction

____ Equipment

____ Vehicle

____ Contingency

____ Other

Asset Type

____ Land

____ Municipal Building

____ School Building

X 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

__X__ 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: 9/4/2025

TO: Stephen Leone
Director of Water & Sewer

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

RE: **FY2027 Elm Street Water Pump Station & Mains – Final Design**

The Elm Street Water Pump Station is one of the City's four water supply pump stations that draw water from the MWRA's water supply through the Hultman Aqueduct and the MetroWest Tunnel. The three of these pump stations the Pleasant Street, Edgell Road and Elm Street Pump Stations maintain supply, pressure and water quality to the vast majority of the City, to all but the highest elevations in the City's water system. The Elm Street Water Pump Station is located in Saxonville, and is the City's northern- and eastern-most water supply source. Originally constructed in 1962 and rated for 5.4 MGD, the Elm Street Station pumps drinking water through a 20-inch cast iron transmission main installed in 1964 to the City's Indian Head Water Tanks. The Elm Street Water Pump Station has been maintained through upgrades for decades, but in recent years experienced a number of electrical and mechanical failures where temporary stop-gap measures have been implemented to keep the station online. Due to the age and condition of the station, the Elm Street Water Pump Station is at risk of further failures and requires replacement. This appropriation would provide funding for engineering services to study, design, permit, and prepare bid-ready documents for the Elm Street Pump Station and Water Mains Improvement Project.

Elm Street Water Pump Station

In its current condition, the Elm Street Water Pump Station does not reliably provide the redundancy needed by the City for its public water supply needs. The station cannot operate normally at its design capacity and no longer has functioning auxiliary backup pumping due to multiple electrical and mechanical failures. In 2025, the electrical service to the building failed. Working with Eversource, the city installed a temporary external electrical cabinet. This temporary service only powers one 50 HP pump and nominal loads such as lighting. Equipment and internal electrical systems are outdated, far from being reliable, and pose safety risks for those who have to operate and maintain systems. Although one of the electrically-driven pumps was replaced in the 1990s, the other is original to the station and in need of replacement. The heating and ventilation system for the building is old and also in need of upgrade. The SCADA equipment – although the most recently

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upgraded equipment at the station – is reaching end-of-life, and also requires upgrade. The most compelling needs at the station are mechanical and electrical improvements because of the deficiencies resulting from failures of those systems.

Elm Street Water Mains

The Elm Street water mains include a 20-inch cast iron transmission main associated with the Elm Street Water Pump Station that was installed in 1964, as well as two domestic water mains that provide drinking water to customers. The domestic water mains are both cast iron, one an 8-inch main installed in 1940 and the other a 6-inch main installed in 1920, which appear to be redundant. The goal of the water main replacement work would be to investigate and propose a design to consolidate the two domestic water mains and replace the transmission main from the Elm Street Water Pump Station to the Saxonville intersection. The limit of this project would be from Chestnut Street (contingent upon funding of the Saxonville Intersection Water Mains Project) to Pinewood Drive, and will additionally include a section of 6-inch cast iron water main from 1909 located on an easement between Elm Street and Edwards Street and a 16-inch water main from the Elm Street Water Pump Station to Pinewood Drive. The project also includes installing an 8-inch water main on Bradford Road that will cross the Weston Aqueduct between Joseph Road and Griffin Road. This will provide additional redundancy and resiliency to the water distribution system in this neighborhood.

The Elm Street water mains included in this project are all aged infrastructure – some of which are over 100 years old and undersized. There have been multiple breaks of the domestic water mains in recent years, and the location of mains, connections between mains, and age of the associated valves have made for difficult isolation of the mains during emergencies. Elimination of cast iron water mains also contributes to improved water quality in the water system. Elimination of undersized mains improves pressure to customers and increased available fire flow to hydrants. These improvements are proposed in coordination with the Saxonville Intersection Improvements Project to address the utilities in the Saxonville neighborhood in conjunction with the planned roadway improvements.

Proposed Elm Street Water Pump Station and Water Mains Improvement Project

The proposed Elm Street Water Pump Station and Water Mains Improvement Project will provide necessary capital investment into the City's drinking water pumping infrastructure and distribution system. Replacement of the Elm Street Water Pump Station will provide tremendous improvement to the City's water system by resolving serious continuously deteriorating conditions and allow for better operation and management of the water system. The work will include investigation of the existing pump station structure, utility service, equipment, and overall facility to provide recommendations for replacement of the station such that it will serve the drinking water needs of the City into the future.

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The proposed water main improvements in conjunction with the Saxonville Intersection Water Mains Project is expected to connect new ductile iron domestic water main to existing 12-inch ductile iron main installed in 2008 at the intersection of Concord and Central Streets. The new ductile iron main will extend north up Elm Street to Pinewood Drive to eliminate the 6-inch and 8-inch redundant water mains. Replacement of the 6-inch 1909 cast iron water main through the easement from Elm Street to Edwards Road will eliminate an undersized main and result in improved water quality and fire flow in the Edwards Road neighborhood. Additional work will be performed to investigate and provide a design for replacement of the 20-inch cast iron 1964 transmission main that connects the Elm Street Water Pump Station to the Indian Head Tanks, to improve reliability of the Elm Street Water Pump Station supply source. Investigation and recommendations will be provided for replacement of the 16-inch 1964 cast iron main that feeds Pinewood Drive from the Elm Street station.

A Preliminary Design Report and 30% design have been completed for the pump station and the associated water main work under a CY2025 capital request. Design of the pump station improvements is currently advancing towards the 60% stage. This request is to complete the design and permitting for both the pump station and the associated water mains. The estimated cost for final design services for the **Elm Street Water Pump Station & Water Mains Improvement Project is $500,000.**

Hazen and Sawyer
24 Federal Street, Floor 5
Boston, MA 02110 • 617.574.4747

August 28, 2025

Mr. William R. Sedewitz, P.E.
Senior Project Manager
City of Framingham
Department of Public Works
Water and Wastewater Division
110 Western Avenue
Framingham, MA 01702

RE: Elm Street Pump Station and Water Mains Improvements
Funding Request for Design Services

Dear Mr. Sedewitz:

As requested, Hazen and Sawyer (Hazen) is pleased to provide this letter regarding the estimated funding required to complete design and bidding of the above referenced project.

Background

As part of previous and ongoing task orders Hazen has delivered a PDR and 30% design for upgrades to the Elm Street Pump Station, replacement of water mains on elm street, relocation of portions of the Elm Street sewer, lining of other portions of the sewer and additional water main connections on Bradford Road and Edwards Road. Hazen is proceeding with 60% design of the work at the Elm Street Pump Station site, including electrical and instrumentation upgrades, site work, and coordination with MWRA and local and state permitting Authorities. Additional funds will be required to progress the design of the work at the pump station and in the distribution and collections system to bid ready. A recommended appropriation based on a detailed level of effort is provided below.

Estimated Fee

We recommend an appropriation of $500,000 to complete the design. Please feel free to contact me at (857) 305-4078 or nellis@hazenandsawyer.com with any questions or if you require additional information.

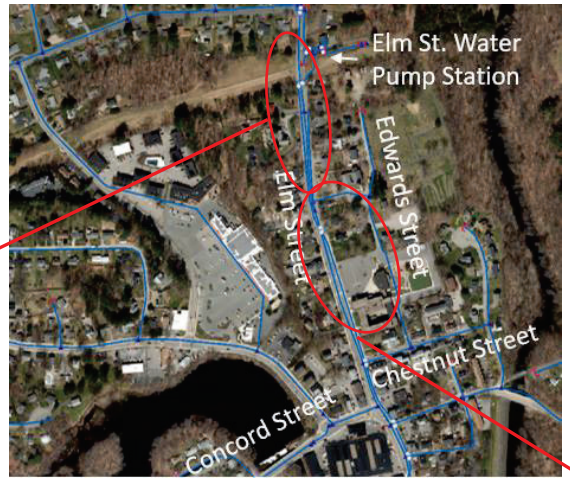
Sincerely,

Job no

Nicholas Ellis, P.E.
Senior Associate

Elm Street Water Pump Station and Mains Project – FY27 Capital Project Submission

Elm Street Water Mains (north)



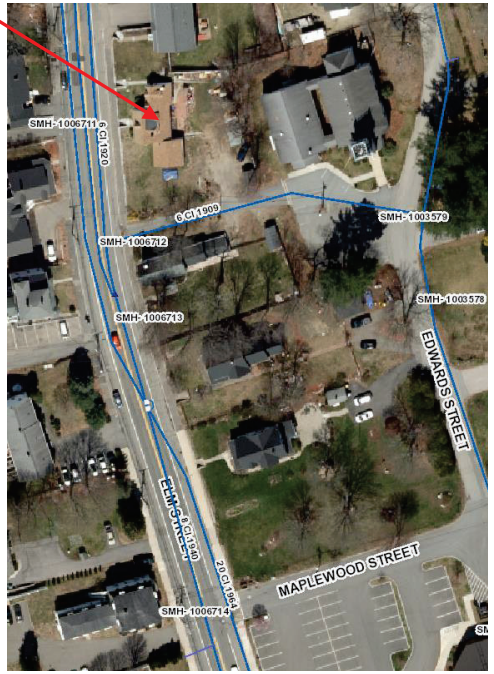
Elm Street Water Pump Station locus map

Upgrading the Elm Street Water Pump Station and Water Mains is critical to maintaining a continuous reliable supply of water to the City.

Replacement of the outdated water pump station and water mains will improve reliability, address safety issues, and consolidate infrastructure to enhance DPW's ability to consistently deliver high quality water to the City.

The water mains associated with the Elm Street Water Pump Station transport water from the MWRA's Hultman Aqueduct and MetroWest Tunnel through the City's distribution system to the Indian Head Water Storage Tanks.

Elm Street Water Mains (south)



Elm Street Water Pump Station and Mains Project – FY27 Capital Project Submission

Existing 100 hp electrically-driven pump must be run off generator power; cannot run on station's power – Unsafe to repair.

Diesel-driven pump no longer functions – Station has no backup pump.

Why replace the Elm Street Water Pump Station?

- ***After electrical service failure, temporary service powers building.***
- ***Existing station is not up to current standards – will improve operation and safety.***
- ***Upgrades will improve reliability of the City's water supply.***
- ***The building and associated utilities require upgrades to extend the life of the structure.***

Old, hazardous wiring does not meet electrical code – hazardous to maintain.

Temporary electrical cabinet.

DEFER

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:

__X__ 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.

__X__ 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.

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

__X__ 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.

__X__ 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 St Area Water Main Improvements - Phase I

Project Status New

Department Water

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.

__X__ 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:

X 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 $ 4,900,000

Life Expectancy - provide the number of years the asset is expected to last 75

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

X Bond Enterprise Fund

_____ Free Cash/Retained Earnings

_____ CPA

X Grant

X 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 include replacing 5,000 feet of 6-inch cast iron and 8-inch asbestos-cement water main on Pleasant Street and Temple Street with new 12-inch, cement-lined ductile-iron main. This project will improve capacity, water quality, and substantially increase reliability of the water system serving the Pleasant Street area. This request will appropriate funds for replacement of water mains on Pleasant Street from just west of Belknap Road starting at the Pleasant Street Sewer Pump Station, continuing on Pleasant Street to Temple Street and on Temple Street from Pleasant Street to the I-90 (MassPike) crossing. The water main replacement includes new connections to side streets, valves, hydrants, and copper services to each customer's property line. This project will also include abandonment of the existing cast-iron and asbestos-cement pipe by filling in place with low-density cellular concrete, and removal and management of all necessary asbestos pipe and asbestos-impacted surrounding soils. These improvements are planned to be undertaken as part of a construction contract that would also include sewer 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

The water mains along in the Pleasant Street area require replacement due to their age, condition, size, and materials. The water mains along these streets are more than 7 decades old, some consist of substandard 6-inch diameter pipe, and some are comprised of asbestos cement. The existing cast iron water main constructed from unlined cast iron pipe is subject to both interior tuberculation and exterior corrosion, resulting in decreased capacity and pipe reliability. Replacement of this water main will ensure adequate fire and domestic flows to the Pleasant Street area, and increase reliability of the water system. The sewers 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 Sewer 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

X 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

X Construction

____ Equipment

____ Vehicle

____ Contingency

____ Other

Asset Type

____ Land

____ Municipal Building

____ School Building

X 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

__X__ 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,

Paul C. Millett

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

City of Framingham Task Order #xx **Attachment A**
Pleasant Street Utilities - Final Design **Updated August 20, 2025**

		Project Principal (Hours) P. Millett	Senior Engineer (Hours) S. Castaneda	Engineer (Hours) L. Howe-Januzzi	Intern (Hours) Technician	Project Scientist (Hours) M. Franck	Project Manager (Hours) B. Mangan	Project Principal (Hours) Z. Kary	Project Proj. Man. (Hours) AM. Petricca	Traffic Sr. Proj. Man (Hours) Jim F	Traffic SPE (Hours) Jason	Geotech Proj. Eng (Hours) J. Lambie	Admin (Hours)		Subs	Direct Expenses ($)	
Task 1 Permitting									*Hours are estimated allowances*								
1	DOT	12	50	45	16		32			24	40					$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 **$ 349,149**
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

APEX

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**

APEX

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

APEX

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

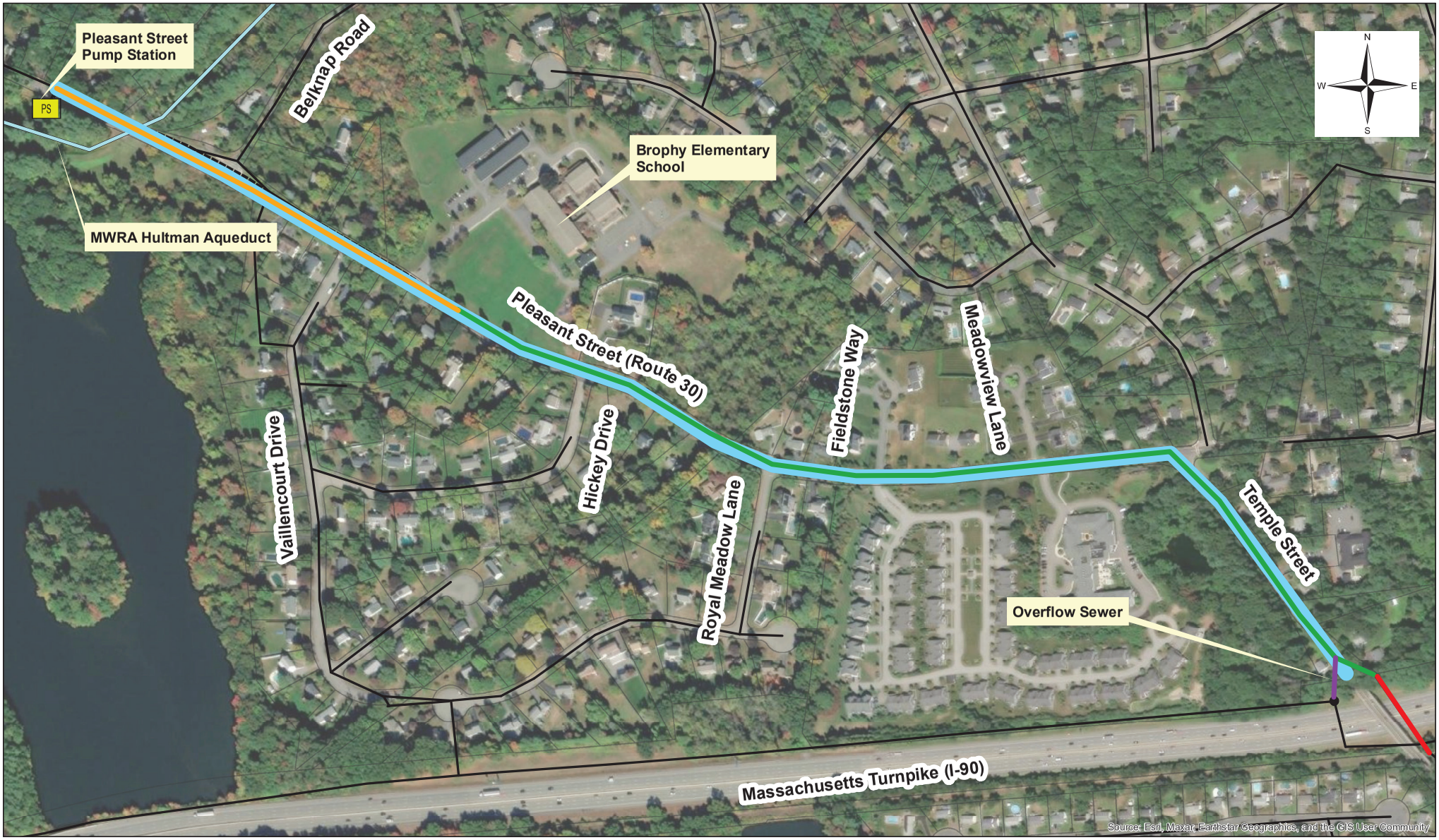
Item No.	Description	Units	Bid Quantities	Unit Price	Unit Price	Extended Amount
1	Mobilization and Demobilization (5%)	LS	1	$59,083.86	$436,796.08	$436,796.08
2	**WATER MAINS**					
2a	12-Inch DI Water Main	LF	5,020	$250.00	$310.00	$1,556,200.00
2b	10-Inch DI Water Main	LF	10	$230.00	$285.20	$2,852.00
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)[1]		

ATTACHMENT C

Project Area Locus Map



APEX

Legend

- PS — 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

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

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:

__X__ 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.

__X__ 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.

__X__ 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 Utility Body Pickup w. Valve Turner (Replaces Ford F550 Water No. 609, Utility Valve Turner)

Project Status Resubmission

Department Water

Project Lead Name Jeffrey Rousseau

Email address jrousseau@framinghamma.gov Phone 6073

Project Fiscal Year FY27 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.

__X__ 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.

__X__ 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 $ 202,000

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

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

__X__ Bond Enterprise Fund

__X__ 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 replacemenet of a 2012 Ford F550 utility truck with TM 70 mechanical valve turning assembly (No. 609).

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 a 2012 model in fair condition with 40,717 miles and 6,196 hours logged. It is used as part of water main flushing and other daily uses, as well as for emergencies during water main breaks. The valve turner assembly associated with this vehicle predates this F550 having been mounted to at least two additional past vehicles that reached end of life. This vehicle and valve turning assembly is in need of replacement for water system operation and maintenance. 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 _____

X 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 _____

X 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

__X__ 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

__X__ 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
Water	2027	Water	FY26

Vehicle / Equipment Name	New Manufacturer	New Model
Ford F550 Utility Body Pickup w. Valve Turner (Replaces Ford F550 Water No. 609, Utility Valve Turner)	Ford	F550
	Quote for Replacement	**Date of Quote**
	$ 186,349	September 8, 2025

Life Expectancy of New Vehicle/Equipment (Yrs.)	Replacement Needed By	Months to Procure
10	2027	12

Escalation (Years)	2	**Request Amount with Escalation**
Escalation Percentage	8.2%	**$202,000**

Vehicle Being Replaced

Vehicle / Equipment Name	Year	Miles	Hours
Ford F550 with Valve Turner Water No. 609	2012	40,717	6,196

Condition	Maintenance Frequency	Parts Availability
Fair	At least every two months	Readily available

Primary Function(s) - Check if Applicable	
Emergency Vehicle / Equipment	X
Sanitation	
Operations	X
Construction Inspection	
Snow & Ice	X
Construction	
Other Uses (Description Below)	

Used as part of water main flushing and other daily uses, as well as for emergencies during water main breaks.

Frequency of Use

Daily

Other Comments

Specialty valve turner attachment equipped

Quote

Company/Dept:	City of Framingham - Public Works Department	Date:	September 8, 2025
Contact:	Jeff Rousseau	Quote #:	
Street Address:	100 Western Ave.	Revision #:	TRUCK #609
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:	Ford F550 Service Body	Contract:	MAPC

QTY	Item #	VEHICLE LINE DESCRIPTION	UNIT PRICE	Ext Line Total
1	F5H	2026 Ford F550 RC DRW 145" WB 60" CA Chassis	$56,446.00	$56,446.00
1	660A	Order Code 660A		
1	AT	Safety Yellow	$660.00	$640.20
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	$184.30
1	X8L	4.88 Limited Slip Axle	$395.00	$383.15
1	473	Snow Plow Prep Package	$350.00	$339.50
1	512/61J	Spare Tire, Wheel and 6-Ton Jack	$350.00	$339.50
1	61L	Front Wheel Well Liners	$180.00	$174.60
1	67B	410 Amp Dual Alternators	$215.00	$208.55
1	68U	Payload Upgrade Package 19,000# GVWR	$815.00	$790.55
1	76C	Exterior Backup Alarm	$230.00	$223.10
1	86M	Dual Batteries		
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
1	43C	120V/400W Outlet	$225.00	$218.25
1	52B	Integrated Trailer Brake Controller	$300.00	$291.00
			Vehicle Total:	**$61,460.90**

QTY	Item #	EQUIPMENT LINE DESCRIPTION	UNIT PRICE	Ext Line Total
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 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	Two (2) Single Panel Pioneer Scene lights pole mounted on rear of body	$ 1,177.00	$2,354.00
2	PBAPEDD	Two (2) Pedestal Mount Kit for Pioneer™ with Pole/Pedestal Mount Adapter	$ 335.00	$670.00
1	PLOW	Boss 9' Trip Edge Super Duty snow plow package with cutting edge	$ 10,422.00	$10,422.00
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	$425.00	$425.00
1	TM7-PLUS	WACHS Valve Excercisor. Includes the following	$40,294.00	$40,294.00
1	17-421-00	WACHS SWIVEL KIT		
1	79-422-05	TC-100 CONTROLLER/DATALOGGER		
1	07-406-08	8' STEEL VALVE KEY		
1	07-508-20	UNIVERSAL 2" HD U-SOCKET		
1		PTO DRIVEN CENTRAL HYDRAULIC SYSTEM	$7,915.00	$7,915.00
			Contract Equipment Total:	**$108,337.30**

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	$5,644.00	$5,644.00
1		Potential 10% Equipment Increase	$10,833.00	$10,833.00
		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: **$16,551.00**
				Vehicle and Equipment Total: **$186,349.20**
				Vehicle Quantity: **1**
				Sub total: **$186,349.20**
Trade Description		**Trade VIN**	**Trade Miles**	**Trade Value**
				Trade Vehicle/s Total: **$0.00**
				Quote Grand Total: **$186,349.20**

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 Requirments
Actual Cost May Change Once Project Elements are Finalized
Trade value is subject to change based on time, mileage and condition of vehice 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


"Dedicated to Excellence in Public Service"
721
609
F550
POWER STROKE
FRAMINGHAM
SEWER


SUPER DUTY
Ford
609
Massachusetts
M95·526

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:

__X__ 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.

__X__ 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.

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

__X__ 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 Saxonville Intersection Elm Street Transmission Main Lining - Chestnut St. to Watson Pl.

Project Status New

Department Water

Project Lead Name William Sedewitz

Email address wrs@framinghamma.gov Phone 6012

Project Fiscal Year 2027 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.

__X__ 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

Saxonville Intersection

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

X 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 $ 1,700,000

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

X 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 funding for structural pipe lining - Cured-In-Place Pipe (CIPP), of the 1964, 20-inch diameter cast iron transmission main in Elm Street/ Concord Street between Chestnut Street and Watson Place. The pipe serves as the primary water transmission main output from the Elm Street Water Pump Station, which is currently in design for rehabilitation. CIPP lining of the transmission main will provide rehabilitation and structural reinforcement to the transmission main through the intersection of Elm Street, Central Street, and Concord Street in Saxonville, in advance of the Saxonville Intersection Improvements project.

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 Saxonville Intersection, which includes the intersection of Elm Street, Central Street, Concord Street, and the roadway to Victoria Garden, is scheduled to be under construction within the next several years. The 12-inch diameter distribution water main south of the Concord Street/ Central Street intersection was replaced in 2008, and north of the Concord Street/ Central Street intersection, in 2024 to prepare for the Saxonville Intersection Improvements project. Given the age and material of the transmission main, it is in the city's interest to also perform rehabilitation work to the 1964, 20-inch diameter cast iron water main in advance of the roadway project to provide reinforcement of this critical supply line, before roadway work commences. Performing structural lining of this section of pipe would only require four limited-sized excavations in the roadway, so the work can be completed quickly, and not adversely impact the schedule for the roadway project.

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

X 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

X Construction

____ Equipment

____ Vehicle

____ Contingency

____ Other

Asset Type

____ Land

____ Municipal Building

____ School Building

X 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

__X__ 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

IMPROVING COMMUNITIES TOGETHER

September 2, 2025

Mr. William R. Sedewitz, P.E.
Senior Project Manager
Framingham DPW
100 Western Avenue
Framingham, MA 01702

Re: FY2027 Capital Budget Request – City of Framingham, MA
Saxonville Water Main Lining

Dear Mr. Sedewitz:

This letter serves to request $1,700,000 in funding and provide justification for the above-referenced project.

The project seeks to install approximately 1,100 linear feet of a cured-in-place structural pipe liner within the 20" transmission water main in Concord Street between Chestnut Street and Watson Place. According to the City's records, the existing water main is a 20" diameter cast iron pipe installed in 1964. The pipe serves as a primary water transmission main output from the Elm Street Pumping Station, located approximately 2,000 feet north of the proposed project area.

The City plans to upgrade the intersection at Concord, Central, and Elm Streets and the roadway south to Victoria Garden. The 20" transmission main south of Watson Place was replaced in 2008 with a new 20" cement-lined ductile iron pipe. This project would rehabilitate the existing cast iron main to extend its useful life prior to construction of the City's proposed roadway project.

The requested funds will be used for the design, procurement, construction, and construction administration services for the project. The proposed project schedule would initiate design services in the Summer of 2026 for public bid advertisement in the Fall of 2026.

We trust this information meets your current needs. If we can be of any further assistance regarding this matter, please contact me at our Lincoln, RI office.

Regards,
BETA Group, Inc.

Nicholas J. Corvello, P.E.
Vice President


Line 20-inch water main
FY2027 Saxonville Water Main Lining
ELM STREET
CHESTNUT STREET
STONES COURT
KINGS COURT
DANFORTH COURT
MECHANIC STREET
FULLER STREET
CONCORD STREET
WATSON PLACE
10 CI 1920
8 CI 1940
6 CI 1907
2 IP 1950
12 DI 1977
8 DI 1978
8 DI 2008
8 CI 1964
20 CI 1964-1
6 CI 1985
12 DI 2008
20 DI 2013
12 DI 2013
8 DI 1999
12 DI 1978
12 DI 2008
1645
1639
1629
1623
1621
1617
1609
1575
1575R
1568
1558
1555
65REAR

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:

__X__ 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.

__X__ 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.

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

__X__ 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.

__X__ 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 Water Improvements - Phase II

Project Status Resubmission

Department Water

Project Lead Name Robert Marchesseault

Email address rpm@framinghamma.gov Phone 6086

Project Fiscal Year 2027 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.

__X__ 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.

__X__ 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 $ 6,440,000

Life Expectancy - provide the number of years the asset is expected to last 75

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

__X__ Bond Enterprise Fund

_____ Free Cash/Retained Earnings

_____ CPA

X Grant

X 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 2,600 feet of mostly 6-inch diameter cast iron water main constructed in 1900 on the Westbound side of Worcester Road (Route 9), between Concord Street and Caldor Road. The additional pipe within this replacement distance is 8-inch cast iron water main installed as recently as 1968. Although the age of these sections is much newer than the 1900s water main, it is widely known that cast iron pipe produced in the 1950s and 1960s (post WWII cast iron) has been a major source of main breaks not only in Framingham but in utilities throughout the US. The water main replacement work includes construction of upsized water mains to meet current Framingham main construction standards, new domestic water services and fire service connections, and new hydrants, valves and fittings within the project area. 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

The cast iron water main on this section of Worcester Road that serves major portions of Framingham's Golden Triangle retail and commercial center is in poor condition at over 55 and 125 years old, and has exceeded its service life. This water main requires replacement due to age, condition, and material. Constructed from unlined cast iron pipe more than 10 decades old, both interior tuberculation and exterior corrosion result in decreased capacity and pipe reliability. Its location within Route 9, a MassDOT roadway, means emergency repairs are particularly challenging and result in major traffic disruptions. Replacement of this water main will ensure adequate flow to these important Framingham businesses, and substantially increase reliability of the water system in this area. This project will improve water infrastructure in the area by increasing capacity for future demands, enhancing reliability of the system, improving fire flows and water quality, and reducing maintenance costs. The sewers 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 Sewer Improvements – Phase II project, provides an opportunity to address water and sewer needs together as part of a single construction package, resulting in reduced impacts to the

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

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

X 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

X Construction

____ Equipment

____ Vehicle

____ Contingency

____ Other

Asset Type

____ Land

____ Municipal Building

____ School Building

X 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

__X__ 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.

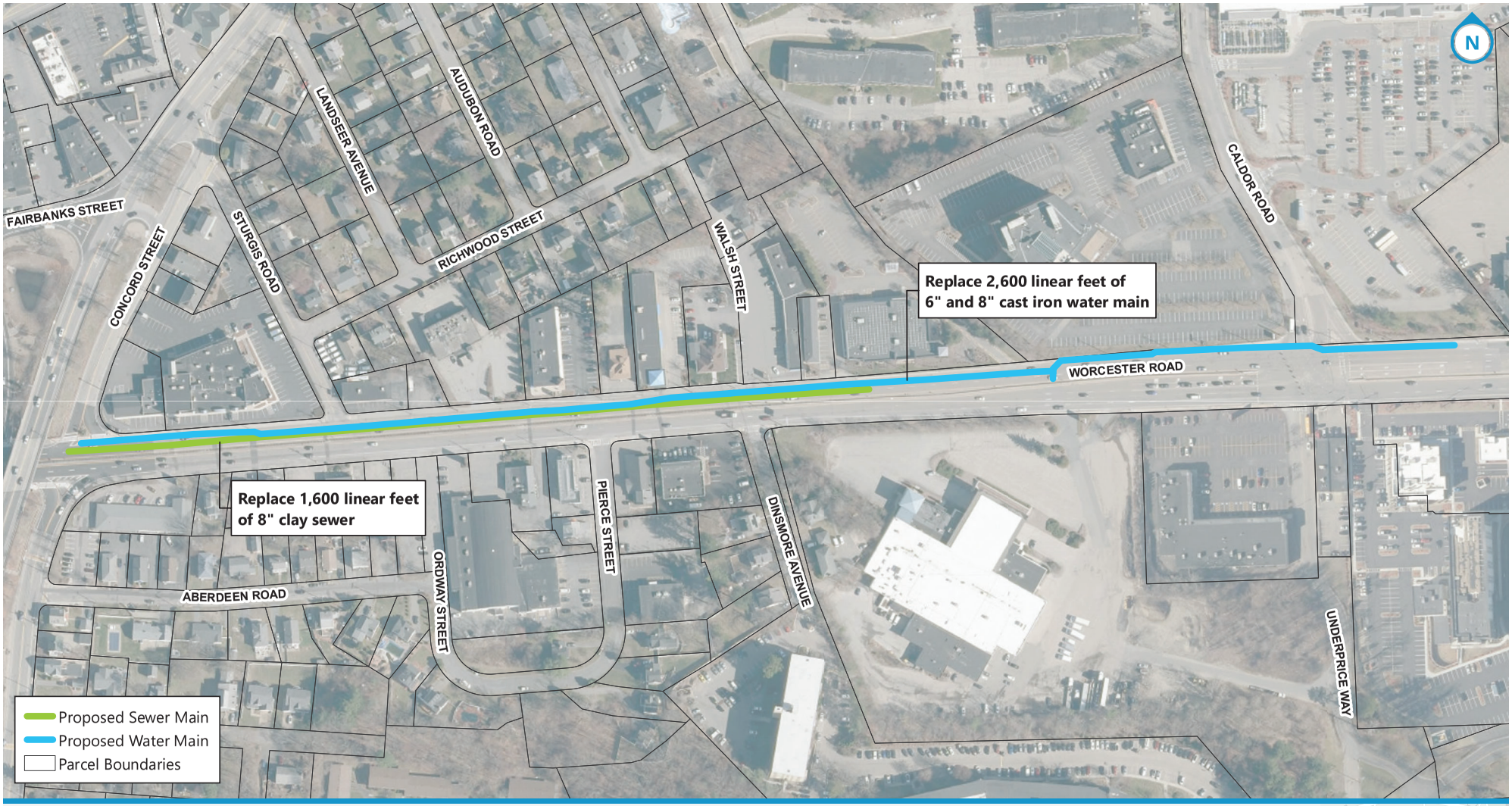
Water Main Design Completion & Bidding:	$60,000
Water Main Construction (including Engineering & Contingency):	$6,380,000
Worcester Road Water Improvements Recommended Budget:	**$6,440,000**
Sewer Main Design Completion & Bidding:	$49,100
Sewer Main Construction (including Engineering & Contingency):	$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,

Ryan Allgrove

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



APEX

Worcester Road Water & Sewer Improvements Phase II - Westbound

Framingham, MA

August 2025

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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

Task 1 - 100% P,S,E

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

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

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

APEX

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:

__X__ 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.

__X__ 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.

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

__X__ 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.

__X__ 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 Water Main Replacement - Design

Project Status New

Department Water

Project Lead Name William Sedewitz

Email address wrs@framinghamma.gov Phone 6012

Project Fiscal Year 2027 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.

__X__ 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, California Avenue, and Gates Street

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

X 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 $ 680,000

Life Expectancy - provide the number of years the asset is expected to last 75

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

X 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 water main replacement on Worcester Road (Route 9) from California Avenue to Temple Street in advance of planned roadway paving by MassDOT planned for FY2030. The project is also intended to improve the water transmission system by upsizing the existing chokepoint between the Pleasant Street pump station and the Merriam Hill water tank. The existing water mains are 8-inch and 12-inch diameter cast iron, most dating to 1900. The project will include replacing the existing water main with new ductile iron pipe and replacing, valves, hydrants, and all appurtenances.

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 water mains require 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. Increasing the diameter of the water main between California Avenue and Gates Street will improve the redundancy and resiliency of the water transmission network, specifically between the Pleasant Street pump station and the Merriam Hill water tank.

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

X 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

X Design

____ Construction

____ Equipment

____ Vehicle

____ Contingency

____ Other

Asset Type

____ Land

____ Municipal Building

____ School Building

X 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

__X__ 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

M E M O R A N D U M

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
Framingham Reservoir Number One
Framingham Reservoir Number Three
Framingham Country Club
Mass Pike
Massachusetts Tpke
Sheraton-Framingham Hotel
N
1,800
900
0
1,800 Feet
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:

__X__ 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.

__X__ 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.

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

__X__ 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 Water Pump Station Equipment Replacement & Communication Improvements

Project Status Recurring

Department Water

Project Lead Name Stephen Leone

Email address sjl@framinghamma.gov Phone 6061

Project Fiscal Year 2027 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.

__X__ 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

City-wide

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

_____ New - first time submission

__X__ 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 $ 400,000

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

__X__ 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)

In 2025 Pump Stations staff in the Water & Sewer Department continued to conduct routine daily inspections of all water pump stations and associated communication systems. During these inspections minor defects have been discovered and repaired, and maintenance of all stations is ongoing. Larger-scale defects were discovered where multiple components need replacement. A list of these larger equipment replacement needs has been compiled and prioritized, and will be funded under 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

Pump Station and water tank facilities experience constant wear and tear on their components as they are in service every day. These water pump stations and tanks provide drinking water and firefighting capacity to the City's entire water system. It is important to upgrade these components prior to failure to maintain service throughout the City. These components consist of pumps, motors, SCADA equipment, VFD's, electrical equipment, safety and security components, etc. Property improvements are also needed to meet requirements of the MassDEP Sanitary Surveys (e.g. tree/brush clearing, limb trimming, tank overflow/ drainage improvements, etc.), which also maintains aesthetics of the property for the abutters. Funding for these defect repairs is necessary to continue to meet water system demands and maintain continuous fire protection and domestic water service to customers.

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

X 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

X Construction

_____ Equipment

_____ Vehicle

_____ Contingency

_____ Other

Asset Type

_____ Land

_____ Municipal Building

_____ School Building

X 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

__X__ 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.

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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: 8/22/2025

TO: Steve Leone
Director of Water and Wastewater

FROM: Chuck Chase
Pump Stations Operations Manager

RE: **FY2027 Water Pump Station Equipment Replacement Request**

In 2025 Pump Stations staff continued to conduct routine daily inspections of all water pump stations and associated communication systems. During these inspections minor defects have been discovered and repaired, and maintenance of all stations is ongoing. The following larger-scale defects were discovered where multiple components need replacement.

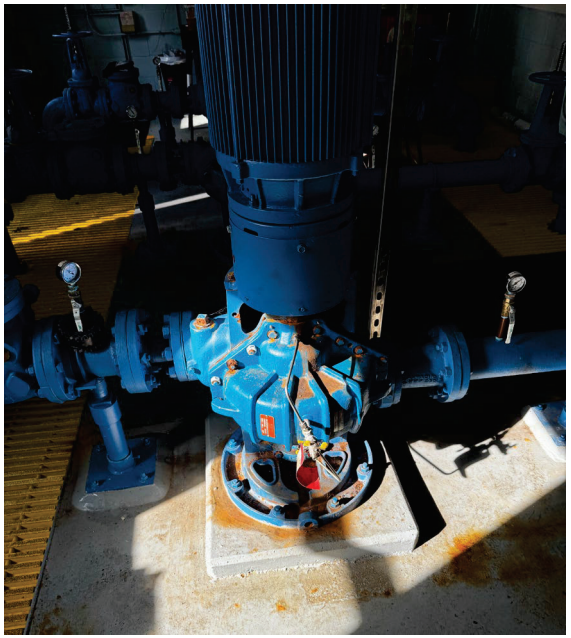
Identified defects to be addressed with FY2027 funding if approved:

- Pleasant Street Pump Station – Replace one VFD (Variable Frequency Drive) and replace two security cameras.
- Grove Street Pump Station – Replace three VFD's, HVAC system upgrades, PLC (Program Logic Controller) upgrade, add a Kuntze device for chlorine residual monitoring, upgrade to LED lights, and replace two security cameras.
- Goodnow Pump Station – HVAC system upgrades and one new water pump, motor, impeller, volute replacement.
- Doeskin Pump Station – HVAC system upgrades.
- Beebe Water Tank – Installation of a new SCADA panel and replacement of two security cameras.
- William J Heights Pump Station – Electrical upgrades.
- Merriam Hill Tank – Site improvements including grading, paving, and landscaping.

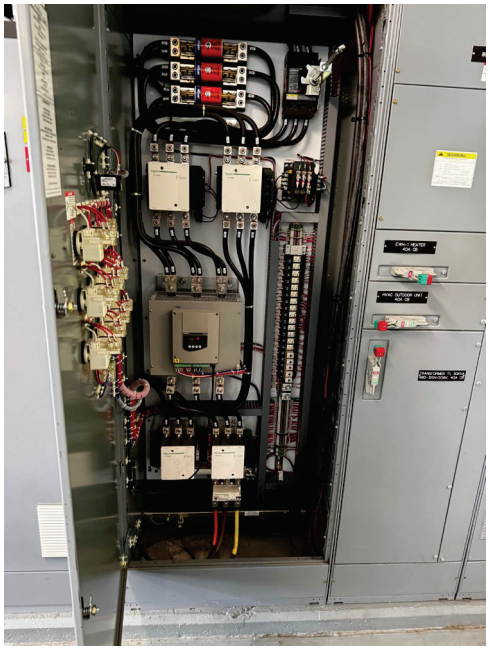
Please Note: Anticipated priorities listed above are subject to change.

We are requesting funding in the sum of **$400,000 for FY2027 Water Pump Station Equipment Replacement** to address these identified and prioritized repairs as well as any emergent repairs that are required, that have yet to be identified. These larger defects may require designing, planning, procuring, and constructing with in-house staff or sometimes with the services of a contractor or consultant. These repairs are usually longer-term projects as opposed to a routine replacement. Common projects include but are not limited to replacement of pump motors, pumps, check valves, motor starters, gate valves, electrical equipment, manifold piping, flow meters, water quality monitoring devices, communications equipment replacement and software upgrades, and building or site upgrades. The lifespan and reliability of the City's water pump stations and tanks can be extended a decade or more through the replacement of component parts as they become worn and inefficient, thereby reducing the near-term need for significant capital expenditures to replace stations in their entirety.

Water Pump Station Equipment Replacement – FY27 Capital Project Submission



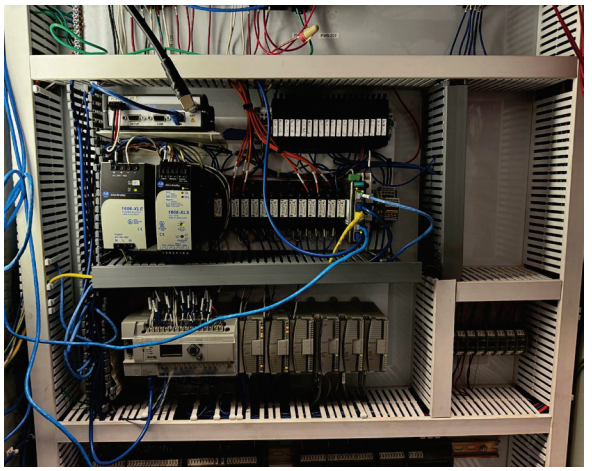
Goodnow Lane PS: Vertical centrifugal pump, HVAC system



Pleasant Street PS: Soft start panel, security cameras, Variable Frequency Drive (VFD) panel

Water Pump Station Equipment Replacement – FY27 Capital Project Submission

Beebe Tanks: SCADA cabinet, security cameras



Grove Street PS: Soft start panel, security cameras,
Programmable Logic Controller (PLC) cabinet

DEFER

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__X__ 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.

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

__X__ 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 Bishop Street Water Improvements

Project Status New

Department Water

Project Lead Name Stephen Leone

Email address sjl@framinghamma.gov Phone 6061

Project Fiscal Year 2027 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.

__X__ 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

Bishop Street

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

X 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 75

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

X 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 and re-alignment of the water main on Bishop Street between Bishop Drive and Mansfield Street. This will also include the replacement of all services, valves, hydrants, etc. in this project limit. The funding will also include replacing all of the fire hydrants along the entire length of Bishop Street.

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

Bishop Street is currently in design for a Transportation Improvement Project (TIP) project through the state. The TIP project includes a full reconstruction of Bishop Street, including sidewalks and traffic signals. This project would address a section of water main within the TIP project limits that was not replaced in a previous water main replacement project on Bishop Street in 2003. It would be beneficial to replace this section of 1960's cast iron water main prior to the full roadway reconstruction TIP project. This will reduce the risk of future water main failures under Bishop Street requiring emergency repair of the water main or its components after a full road reconstruction and new pavement. This will also replace hydrants along the entire length of Bishop Street prior to sidewalk replacement, so future disturbances to the new sidewalk will be minimized.

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

X 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

X Construction

____ Equipment

____ Vehicle

____ Contingency

____ Other

Asset Type

____ Land

____ Municipal Building

____ School Building

X 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

__X__ 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: 7/23/25

TO: Robert Lewis
Director Department of Public Works

FROM: Steve Leone
Director Water & Wastewater

RE: **Bishop Street Water Improvements**

Bishop Street is in the design phase of a Traffic Improvement Project (TIP) funded by MASSDOT which is being planned in conjunction with the Town of Natick to improve the roadway, sidewalks, and traffic signals the entire length of Bishop Street in both Framingham and Natick. In 2003 most of the water main was replaced on Bishop Street with the exception of a section between Bishop Drive and Mansfield Street. It is in the City's best interest to update this section of water main along with all appurtenances prior to the TIP. This funding will also include replacing all of the fire hydrants along the entire length of Bishop Street. This is a heavily traveled main road so traffic management will be challenging. The water main will be re-aligned into the roadway where currently it is located just off the edge of the road. Although beneficial to have the water main in the roadway layout there will be anticipated unknowns when finding the new corridor. The proposed water main will be a 12-inch diameter pipe, which is larger than a traditional neighborhood water main, but this water main connects a 12-inch loop from Waverly Street to Grant Street which provides a better flow network to that area. This project will actually be downsizing this section of water main from a 16-inch pipe. The estimated cost through multiple on-call supply contracts and on-call utility and paving contractor contracts with a 20% contingency is **$900,000 for the Bishop Street Water Improvements**.


Bishop Street Water Improvements Project
FY2027 Capital Improvement Plan
Butterworth Park
Butterworth Park
Project Area
Bishop Dr
Bishop Dr
Arthur St
Arthur St
Bishop St
Bishop St
N
210
105
0
210 Feet
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

DEFER

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:

__X__ 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.

__X__ 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.

__X__ 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 Pickup w. Plow (Replaces Water No. 618, Ford F350 Utility Plow)

Project Status Resubmission

Department Water

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.

__X__ 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.

__X__ 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

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

__X__ Bond Enterprise Fund

__X__ 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 2012 Ford F350 utility truck with plow (No. 618).

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 in fair condition and has 107,175 miles and 13,163 miles logged. It is a daily-use vehicle and comes 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 _____

__X__ 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 _____

__X__ 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

__X__ 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

__X__ 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
Water	2027	Water	FY26

Vehicle / Equipment Name	New Manufacturer	New Model
Ford F350 Utility Body Pickup w. Plow (Replaces Water No. 618, Ford F350 Utility Plow)	Ford	F350

Quote for Replacement	Date of Quote
$ 129,373	August 14, 2025

Life Expectancy of New Vehicle/Equipment (Yrs.)	Replacement Needed By	Months to Procure
10	2027	12

Escalation (Years)	2	Request Amount with Escalation
Escalation Percentage	8.2%	**$140,000**

Vehicle Being Replaced

Vehicle / Equipment Name	Year	Miles	Hours
Ford F350 Water No. 618	2012	107,175	13,163

Condition	Maintenance Frequency	Parts Availability
Fair	At least every two months	Readily available

Primary Function(s) - Check if Applicable	
Emergency Vehicle / Equipment	
Sanitation	
Operations	X
Construction Inspection	X
Snow & Ice	X
Construction	
Other Uses (Description Below)	

Frequency of Use

Daily

Other Comments

The truck comes equipped with power tailgate, plow, and inverter.

Quote

Company/Dept:	City of Framingham - Public Works Department	Date:	August 14, 2025
Contact:	Jeff Rousseau	Quote #:	
Street Address:	100 Western Ave.	Revision #:	TRUCK #618
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:	Ford F350 Service Body	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 Requirments
Actual Cost May Change Once Project Elements are Finalized
Trade value is subject to change based on time, mileage and condition of vehice 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


F350
618
PUBLIC
WORKS
'Dedicated to Excellence in Public Service'


618
PUBLIC
WORKS
M85-464

DEFER

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:

__X__ 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.

__X__ 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.

__X__ 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 Pickup w. Plow (Replaces Water No. 66, Ford F350 Utility Plow)

Project Status Resubmission

Department Water

Project Lead Name Jeffrey Rousseau

Email address jrousseau@framinghamma.gov Phone 6073

Project Fiscal Year 2027 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.

__X__ 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.

__X__ 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 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

__X__ Bond Enterprise Fund

__X__ 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 2012 Ford F350 utility truck with plow (No. 66).

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 supervisors's truck is used daily for construction, oversight, operations, and snow/ice events. It has logged 14-year-old truck is in rough shape, with 47,579 miles 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 _____

__X__ 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 _____

__X__ 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

__X__ 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

__X__ 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
Water	2027	Water	FY27

Vehicle / Equipment Name	New Manufacturer	New Model
Ford F350 Utility Body Pickup w. Plow (Replaces Water No. 66, Ford F350 Utility Plow)	Ford	F350
	Quote for Replacement	**Date of Quote**
	$ 129,373	September 8, 2025

Life Expectancy of New Vehicle/Equipment (Yrs.)	Replacement Needed By	Months to Procure
10	2026	9

Escalation (Years)	2	**Request Amount with Escalation**
Escalation Percentage	8.2%	**$140,000**

Vehicle Being Replaced

Vehicle / Equipment Name	Year	Miles	Hours
Ford F350 Utility Plow Water No. 66	2012	47,579	n/a

Condition	Maintenance Frequency	Parts Availability
Fair	At least every two months	Readily available

Primary Function(s) - Check if Applicable	
Emergency Vehicle / Equipment	X
Sanitation	
Operations	X
Construction Inspection	X
Snow & Ice	X
Construction	X
Other Uses (Description Below)	

Frequency of Use

Daily

Other Comments

Supervisor's truck.

Quote

Company/Dept:	City of Framingham - Public Works Department	Date:	September 8, 2025
Contact:	Jeff Rousseau	Quote #:	
Street Address:	100 Western Ave.	Revision #:	TRUCK #66
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:	Ford F350 Service Body	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 Requirments
Actual Cost May Change Once Project Elements are Finalized
Trade value is subject to change based on time, mileage and condition of vehice 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


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