

City of Framingham 5 Year Capital Improvement Program FY2026-FY2030
Capital Project Request Form for FY2026 Projects

FY2026 Project requests must meet the definition of a Capital Project

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

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

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

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

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

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

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

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

Project Name	Walnut St Sewer Force Main and Gravity Sewer Construction
Project Status	New

Project Lead Name William Sedewitz

Email address wrs@framinghamma.gov

Project Fiscal Year 2026 Department Priority # 2

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

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

High - necessary to ensure consistent, level service for the upcoming fiscal year. This priority type includes systems that are 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 cost 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

Walnut Street, Warren Road, Prindiville Avenue, and Burdette Avenue

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

New - first time submission

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

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

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

Project Financing

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

Amount Requested \$ 22,348,000

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

0

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

Bond General Fund

Bond Enterprise Fund

Free Cash/Retained Earnings

CPA

Grant

Other Type of Loan

Other

Matching Requirements

Additional explanation/information related to funding source(s)

SRF

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 project will replace the existing sewer force main from the Worcester Road Sewer Pump Station and redirect flow from the Farm Pond Interceptor to sewers leading to a larger interceptor on Grant Street. This will also include upgrading and upsizing existing sewers on Warren Road, Prendiville Avenue, and Burdette Avenue. This project is planned to be bid in combination with upgrading water infrastructure along its route, which is a separate request under the Water Enterprise Fund.

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 “Ensure Public Safety”.

Replacing and rerouting the Worcester Road Sewer Pump Station will lead to a cost-effective means of rerouting the discharge away from the western Farm Pond Interceptor to the eastern EFSIP interceptor while also reducing the risk of failure of the existing main. The main is 16 inches in diameter and made of unlined cast iron. It has failed twice recently (2022 and 2024), resulting in sewer system overflows; and metallurgical analysis showed that it is prone to graphitic corrosion, essentially leaching the iron out of the pipe and causing it to lose strength, especially in areas of higher groundwater. The current route has two major disadvantages: it takes up capacity in the Farm Pond Interceptor, and its location near its terminus on Mt. Wayte Avenue is dangerously close to the newly constructed Buckley Apartment buildings. Having added capacity in the Farm Pond Interceptor will help minimize limitations to growth for the Tech Park area and vicinity. Upgrading the pipe and relocating it to a route that is away from buildings will substantially reduce risk to the City, its residents, and businesses.

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

Which phase of project is requested?

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

- Replace existing infrastructure
- Replace existing capital asset
- Replace existing vehicle
- Replace existing equipment
- New infrastructure
- New capital asset
- New vehicle
- New equipment
- Strategic/Comprehensive/Master Plan

Project Type - check all that apply

- Land acquisition
- Planning/Feasibility Study
- Design
- Construction
- Equipment
- Vehicle
- Contingency
- Other

Asset Type

- Land
- Municipal Building

School Building

Water/Sewer Infrastructure

Roadway Infrastructure

Traffic/Streetlight Infrastructure

Waterway/Beach

Recreation Trail

Bridge

Park/Playground/Athletic Field

Vehicle

Equipment

Software/Technology

Refuge/Recycling Center

Other

Project Community Impact

Health & Safety

Education

Aesthetics/Historic preservation

Environmental sustainability

Economic development

Cultural/Recreational opportunity

Service Improvement

Level Service Maintenance

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

Increase/Decrease to Personnel

Explanation

Increase/Decrease to Operating

Explanation

Additional Information

Checklist for completion

FY2026 Project Request PDF file includes form, updated vendor memos/quote/pricing, photos

Save each FY2026 project request as separate PDF file (Department name/Project Name) to T Drive/Finance/CIP 26-30/Department Folder



CITY OF FRAMINGHAM

DEPARTMENT OF PUBLIC WORKS | OPERATIONS

OPERATIONS CENTER

100 Western Avenue
Framingham, MA 01702

508-532-6060

wastewater@framinghamma.gov
www.framinghamma.gov

MEMORANDUM

DATE: 9/5/2024

TO: Robert Lewis
Director of Public Works

FROM: Steve Leone
Director of Water and Wastewater

RE: **FY2026 Walnut St Sewer Force Main & Gravity Sewer Construction & FY2026 Walnut St, Warren Rd, Burdette Ave Water Main Improvements**

Wastewater Improvements

The Worcester Road Pump Station (WRPS) is the second largest in the city, handling wastewater from approximately 28 percent of the City's sewer service area. The WRPS service area consists of a mixture of residential properties, businesses, commercial properties and institutional facilities. The average wastewater flow from the station is approximately 1.4 million gallons per day. The station was constructed in 1965 and is currently being replaced.

Wastewater from the station is pumped approximately 4,700 linear feet (LF) through a 16-inch diameter cast iron force main. The force main travels cross country from the station to Main Street, then south along Walnut Street, west along Buckminster Street, west along Mt. Wayte Avenue, through the Buckley Apartments property, and discharges to the Farm Pond Sewer Interceptor adjacent to the CSX Railroad. The force main was constructed in 1965 and is problematic for multiple reasons.

The age and material of the force main, and the soil conditions surrounding it, make it susceptible to failure. Breaks in the spring of 2022 and the summer of 2024 each released in excess of 500,000 gallons of untreated wastewater to the Sudbury River. Analytical testing of the pipe identified substantial graphitic corrosion. Another concern is the limited hydraulic capacity in Farm Pond Interceptor which could restrict growth within the Technology Park and the surrounding area. Finally, the current force main discharge location is within the Buckley Apartment complex. A failure there could significantly impact the apartment buildings and would be a challenging location to excavate to repair the pipe.

The intent is to relocate the force main to the East Framingham Sewer Improvements Project (EFSIP) interceptor that was installed in 2011. The new alignment would be along Walnut Street, Warren Road, Prindiville Street and Burdette Avenue. The new pipe would be significantly more resilient and reliable, and provide additional hydraulic capacity in the Farm Pond Interceptor. Gravity sewer pipe along this new alignment, some dating to 1914, will be replaced as part of the project. We are requesting funding in the sum of **\$22,348,000 for FY2026 Walnut St Sewer Force Main & Gravity Sewer Construction** to accomplish this work. The City has submitted a State Revolving Fund (SRF) application to help offset the cost of this project to

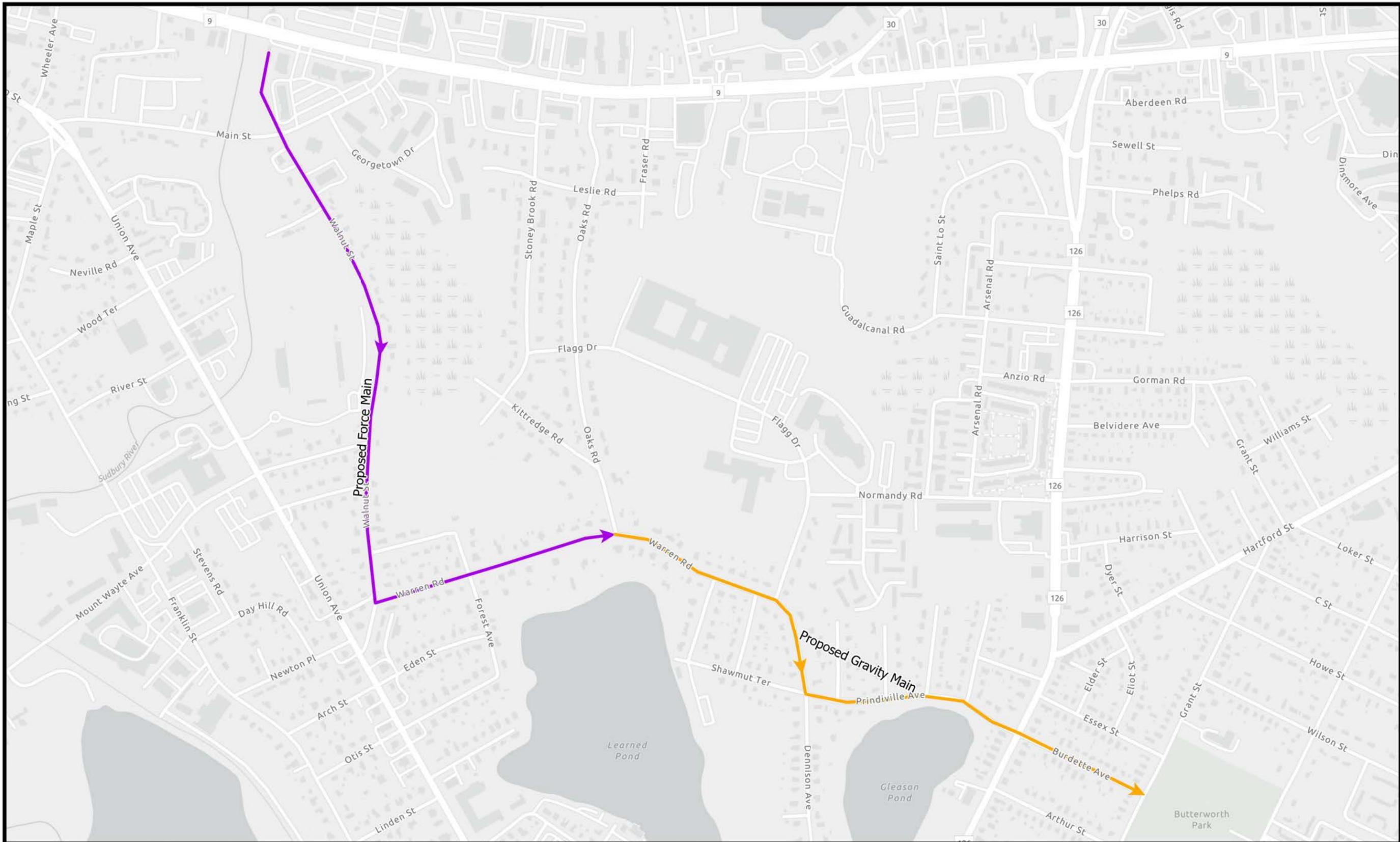
Framingham rate payers. The work would be done in conjunction with necessary water system improvements along the same alignment.

Water Improvements

Sections of watermain on Walnut Street, Warren Road, Prindiville Street and Burdette Avenue are undersized and/or over 100 years old and past their useful life. This capital request in the sum of **\$7,586,000 for FY2026 Walnut St, Warren Rd, Burdette Ave Water Main Improvements** is to fund the construction intended to be done contemporaneously with sewer construction. This project will also include the replacement of any water services that don't meet current industry standards, including a specific type of HDPE plastic pipe fabricated with a longitudinal seem that is highly prone to splitting.

Attachments

Attached are figures showing the extent of the wastewater and water work along with preliminary construction costs estimates prepared by Hazen and Sawyer.

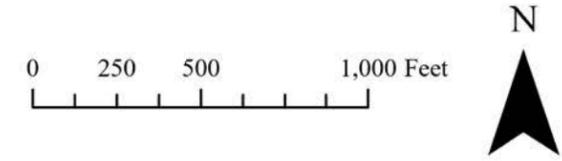


Walnut, Warren, Burdette PDR
 Preliminary Pipe Alignment
 August 2024



Hazen

-  Proposed Force Main
-  Proposed Gravity Main





City of Framingham
Walnut, Warren, Burdette PDR - Force Main
Conceptual - Revised
Estimate Summary - Work Breakdown Structure (WBS)

Date: 8/26/2024
 Date of Estimate Pricing: 7/12/2024

Description	Total
Force Main	\$ 1,825,799
Gravity Sewer	\$ 4,679,481
Storm Drain Installation	\$ 422,155
Earth And Rock Excavation	\$ 48,175
Miscellaneous Fill Materials	\$ 52,987
Traffic Management	\$ 420,039
Sidewalk Restoration	\$ 64,750
Paving	\$ 816,079
Soil Management	\$ 12,327
Miscellaneous	\$ 474,772
Subtotal:	\$ 8,816,564
Special Conditions 5.0% on \$ 8,816,564	\$ 440,828
Small Tools (Applied on Labor) 2.0% on \$ 2,974,486	\$ 59,490
Incidental Overtime (Applied on Labor) 15.0% on \$ 2,974,486	\$ 446,173
Direct Costs Subtotal:	\$ 9,763,055
General Conditions 15.0% on \$ 9,763,055	\$ 1,464,458
Indirect Costs Subtotal:	\$ 1,464,458
Direct and Indirect Costs Total:	\$ 11,227,513
Add-On / Mark-Up	
Labor Escalation at 4.5% annually 12.5% on \$ 4,849,624	\$ 603,996
Material/Equipment Escalation at 5% annually 13.9% on \$ 6,377,889	\$ 886,210
Subtotal:	\$ 12,717,718
Value of Subcontracted Work assumed at 30% \$ 3,815,316	
Subcontractor Overhead, Profit and Fee 25.0% on \$ 3,815,316	\$ 953,829
Subtotal:	\$ 13,671,547
Prime Contractor Overhead 10.0% on \$ 8,902,403	\$ 890,240
Subtotal:	\$ 14,561,788
Prime Contractor Profit 10.0% on \$ 9,792,643	\$ 979,264
Subtotal:	\$ 15,541,052
Prime Profit on Subcontracted Work 5.0% on \$ 4,769,144	\$ 238,457
Subtotal:	\$ 15,779,509
Bond and Insurance 3.0%	\$ 473,385
Subtotal:	\$ 16,252,894
Design Contingency 25.0%	\$ 4,063,224
Subtotal:	\$ 20,316,118
Contract Allowances and Unit Prices 10.0%	\$ 2,031,612
Total (rounded):	\$ 22,348,000

Note: Project Assumptions NTP: 6/1/26, 547.5 CCD (18 months)

Location Code	sub*	Description	Quantity	Unit	Notes	Total Unit Cost	Total Amount
						\$ -	\$ -
		Alternative 1B				\$ -	\$ -
		Force Main, Gravity Sewer and Storm Drain				\$ -	\$ -
						\$ -	\$ -
		Force Main	4,850	lf		\$ -	\$ -
FM		16" DIP	4,850	lf	assume MJ pipe	\$ 168	\$ 816,764
FM		16" DIP 11.25 Deg Elbow	3	ea		\$ 2,897	\$ 8,690
FM		16" DIP 22.50 Deg Elbow	4	ea		\$ 2,897	\$ 11,587
FM		16" DIP 45 Deg Elbow	2	ea		\$ 2,897	\$ 5,793
FM		16" DIP 90 Deg Elbow	1	ea		\$ 3,567	\$ 3,567
FM		Expansion Joint	1	ea		\$ 33,489	\$ 33,489
FM		ARV	3	ea		\$ 1,324	\$ 3,972
FM		ARV Manhole	3	ea		\$ 8,796	\$ 26,387
						\$ -	\$ -
FM		Force Main Earthwork	7,185	cy		\$ -	\$ -
FM		Sawcut Pavement	19,400	lf		\$ 1.56	\$ 30,254
FM		Earth Excavation Normal Depth	7,185	cy		\$ 13	\$ 94,491
FM		Haul and Dispose	8,981	lcy		\$ 60	\$ 536,543
FM		Backfill	6,467	cy		\$ 35	\$ 225,932
FM		Crushed Stone	719	cy		\$ 39	\$ 28,330
FM						\$ -	\$ -
		Gravity Sewer	11,089	lf		\$ -	\$ -
						\$ -	\$ -
GS		24" PVC Sewer	3,700	lf		\$ 160	\$ 592,410
GS		24" PVC 11.25 Deg Elbow	6	ea		\$ 3,353	\$ 20,118
GS		24" PVC 22.5 Deg Elbow	3	ea		\$ 3,353	\$ 10,059
GS		24" PVC 45 Deg Elbow	1	ea		\$ 3,353	\$ 3,353
						\$ -	\$ -
GS		12" PVC Sewer	5,600	lf		\$ 51	\$ 287,366
						\$ -	\$ -
GS		6" PVC Lateral	1,789	lf		\$ 47	\$ 83,562
GS		PCV Lateral Service Fittings	90	ea		\$ 1,121	\$ 100,883
						\$ -	\$ -
GS		5' Gravity Sewer Manholes	37	ea		\$ -	\$ -
GS		5' Dia. Sewer Manhole Base	37	ea		\$ 1,676	\$ 62,004
GS		5' Dia. Sewer Manhole Riser	370	vlf		\$ 1,170	\$ 432,816
GS		5' Dia. Sewer Manhole Slab Top	37	ea		\$ 1,646	\$ 60,894
GS		30" Sewer Manhole Frame and Cover	37	ea		\$ 2,055	\$ 76,036
GS		Boots	93	ea		\$ 383	\$ 35,446
GS		Steps	333	ea		\$ 78	\$ 26,038
GS						\$ -	\$ -
GS		Gravity Sewer Earthwork	20,097	cy		\$ -	\$ -
GS		Sawcut Pavement	44,356	lf		\$ 1.56	\$ 69,173
GS		Earth Excavation Normal Depth	20,097	cy		\$ 15	\$ 308,346
GS		Haul and Dispose	25,122	lcy		\$ 60	\$ 1,500,744
GS		Backfill	19,276	cy		\$ 35	\$ 673,450
GS		Crushed Stone	822	cy		\$ 50	\$ 41,170
						\$ -	\$ -
		Cured in Place Pipe Lining - Cementous			From Existing Manhole.	\$ -	\$ -
GS		CIPP Line 10" Sewer	700	lf		\$ 126	\$ 88,479
GS		Cleaning	700	lf		\$ 12	\$ 8,511
GS		Camera Inspection	1,400	lf		\$ 7.49	\$ 10,482
GS		CIPP Line 8" Sewer	1,000	lf		\$ 108	\$ 107,664
GS		Cleaning	1,000	lf		\$ 10	\$ 10,436
GS		Camera Inspection	2,000	lf		\$ 7.49	\$ 14,975
						\$ -	\$ -
GS		Abandon Existing 16" FM	1,700	lf		\$ -	\$ -
GS		Concrete Fill	89	cy		\$ 371	\$ 32,934
GS		Abandon Existing Sewer Manhole	14	ea		\$ 836	\$ 11,698
GS		Abandon Existing Pipe Per Bulkhead	12	ea		\$ 869	\$ 10,432
						\$ -	\$ -
		Storm Drain Installation	200	lf		\$ -	\$ -
						\$ -	\$ -
SD		12" HDPE Drain	200	lf		\$ 25	\$ 4,989
SD		Connect to Existing CB	1	ea		\$ 176	\$ 176
SD		Connect to Existing 12"	8	ea		\$ 176	\$ 1,407

Location Code	sub*	Description	Quantity	Unit	Notes	Total Unit Cost	Total Amount
SD		Demo 12" Existing	200	lf		\$ 9.22	\$ 1,844
SD		12" HDPE Fittings	4	ea		\$ 337	\$ 1,347
SD						\$ -	\$ -
SD		Storm Drain Earthwork	267	cy		\$ -	\$ -
SD		Sawcut Pavement	800	lf		\$ 1.56	\$ 1,248
SD		Earth Excavation Normal Depth	266.67	cy		\$ 15	\$ 4,091
SD		Haul and Dispose	333	lcy		\$ 60	\$ 19,913
SD		Backfill	237	cy		\$ 35	\$ 8,282
SD		Crushed Stone	30	cy		\$ 50	\$ 1,484
SD						\$ -	\$ -
						\$ -	\$ -
						\$ -	\$ -
SD		4' Storm Drain Manhole	19	ea		\$ -	\$ -
SD		4' Dia. Drain Manhole Base	19	ea		\$ 1,171	\$ 22,245
SD		4' Dia. Drain Manhole Riser	95	vlf		\$ 851	\$ 80,827
SD		4' Dia. Sewer Manhole Slab Top	19	ea		\$ 1,270	\$ 24,126
SD		4' Sewer Manhole Frame and Cover	37	ea		\$ 3,181	\$ 117,685
SD		Steps	76	ea		\$ 78	\$ 5,943
						\$ -	\$ -
		4' Drain Catch Basin				\$ -	\$ -
SD		4' Dia. Catch Basin Base	12	ea		\$ 1,171	\$ 14,049
SD		4' Dia. Catch Basin Riser	48	vlf		\$ 851	\$ 40,839
SD		4' Catch Basin Frame And Grate	12	ea		\$ 3,181	\$ 38,168
SD		4' Catch Basin Hood	12	ea		\$ 774	\$ 9,288
						\$ -	\$ -
SD		Replace Catch Basin Frame And Grate	5	ea		\$ 3,673	\$ 18,363
						\$ -	\$ -
SD		Abandon Existing Drain	230	lf		\$ -	\$ -
SD		Concrete Fill	7	cy		\$ 413	\$ 2,764
SD		Abandon Existing Drain Per Bulkhead	4	ea		\$ 769	\$ 3,077
						\$ -	\$ -
						\$ -	\$ -
		Earth And Rock Excavation		cy		\$ -	\$ -
						\$ -	\$ -
EXC		Earth Excavation Normal Depth		cy		\$ 15	\$ -
EXC		Haul and Dispose		lcy		\$ 63	\$ -
						\$ -	\$ -
EXC		Rock Excavation		cy		\$ 171	\$ -
EXC		Haul and Dispose - Rock		lcy		\$ 63	\$ -
						\$ -	\$ -
EXC		Earth Excavation For Test Pits	50	cy		\$ 455	\$ 22,728
EXC		Backfill	63	lcy		\$ 324	\$ 20,278
EXC		Sawcut Pavement	400	lf		\$ 12	\$ 4,773
EXC		Stockpile	20	sy		\$ 20	\$ 396
						\$ -	\$ -
		Miscellaneous Fill Materials	50	cy		\$ -	\$ -
						\$ -	\$ -
FILL		Backfill	50	cy		\$ 35	\$ 1,747
FILL		Hauling	63	lcy		\$ 33	\$ 2,065
						\$ -	\$ -
FILL		Gravel Fill	50	cy		\$ 43	\$ 2,141
FILL		Hauling	63	lcy		\$ 33	\$ 2,065
						\$ -	\$ -
FILL		Crushed Stone	50	cy		\$ 50	\$ 2,505
FILL		Hauling	63	lcy		\$ 33	\$ 2,065
						\$ -	\$ -
FILL		Loam And Seed	100	sy		\$ -	\$ -
FILL		Loam	17	cy		\$ 50	\$ 842
FILL		Seed	100	sy		\$ 14	\$ 1,369
						\$ -	\$ -
FILL		Restoration Of Wetland Resource Areas	100	sy		\$ 78	\$ 7,769
						\$ -	\$ -
FILL		Additional Concrete (No form or Reinforcement)	100	cy		\$ 304	\$ 30,420
						\$ -	\$ -
						\$ -	\$ -
		Traffic Management	1	ls		\$ -	\$ -
						\$ -	\$ -
MoT		Traffic Barrels Rent	10,600	Barrel Day		\$ 4.97	\$ 52,682
MoT		Relocation	20	times		\$ 1,834	\$ 36,685
						\$ -	\$ -

Location Code	sub*	Description	Quantity	Unit	Notes	Total Unit Cost	Total Amount
MoT		Traffic Signs	80	ea		\$ 220	\$ 17,627
						\$ -	\$ -
MoT		Portable Changeable Message Signs - Rent	392	board wk.		\$ 705	\$ 276,360
MoT		Relocation	20	times		\$ 1,834	\$ 36,685
						\$ -	\$ -
						\$ -	\$ -
		Sidewalk Restoration	56	sy		\$ -	\$ -
						\$ -	\$ -
SW		Remove And Reset Exist Curb	100	lf		\$ 13	\$ 1,321
SW		New Concrete Curb	100	lf		\$ 49	\$ 4,857
						\$ -	\$ -
SW		Additional Concrete Sidewalk Restoration	504	sf		\$ 9.52	\$ 4,800
SW		Gravel Base	504	sf		\$ 2.62	\$ 1,319
						\$ -	\$ -
SW		Temporary Pavement Striping (Paint)	16,139	lf	based on length of disturbed roadway	\$ 0.50	\$ 8,055
						\$ -	\$ -
SW		Permanent Pavement Striping (Epoxy)	25,800	lf	based on length of disturbed roadway	\$ 1.72	\$ 44,398
						\$ -	\$ -
						\$ -	\$ -
		Paving	12,553	sy		\$ -	\$ -
						\$ -	\$ -
P		Temporary Pavement	10,759	sy		\$ -	\$ -
P		Asphaltic Layer 4"	10,759	sy		\$ 18	\$ 194,710
P		Base	10,759	sy		\$ 12	\$ 124,769
P		Removal	1,184	cy		\$ 31	\$ 36,260
P		Haul asphalt	1,184	cy		\$ 30	\$ 35,197
						\$ -	\$ -
P		Permanent Pavement 7' Wide	12,553	sy	assume collector street	\$ -	\$ -
P		Wearing 2"	12,553	sy		\$ 11	\$ 135,765
P		Binder 4"	12,553	sy		\$ 18	\$ 227,162
P		Haul asphalt	2,092	cy		\$ 30	\$ 62,216
						\$ -	\$ -
		Soil Management	0	ton		\$ -	\$ -
						\$ -	\$ -
SM		Remove Class A-2 Material		ton		\$ 17	\$ -
SM		Dispose Class A-2 Material		ton		\$ 54	\$ -
						\$ -	\$ -
SM		Remove And Dispose Asbestos Cement Pipe	300	lf		\$ 41	\$ 12,327
						\$ -	\$ -
						\$ -	\$ -
		Miscellaneous	1	ls		\$ -	\$ -
						\$ -	\$ -
M		Erosion Control	8,600	lf		\$ 6.45	\$ 55,432
M		Dewatering	345	days	(incidental)	\$ 796	\$ 274,544
M		Dewatering Treatment System	1	ls		\$ 82,167	\$ 82,167
						\$ -	\$ -
M		Calcium Chloride	800	lb	Material Only	\$ 0.38	\$ 302
						\$ -	\$ -
						\$ -	\$ -
M		Miscellaneous Utility Relocation Allowance	1	ls		\$ 62,327	\$ 62,327
						\$ -	\$ -
						\$ -	\$ -
						\$ -	\$ -
						\$ -	\$ -
						\$ -	\$ -
						\$ -	\$ -

City of Framingham 5 Year Capital Improvement Program FY2026-FY2030
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Project Name	Gates Street Sewer Pump Station and Force Main Rehabilitation - Construction
Project Status	New

Project Lead Name Robert Sheldon

Email address rhs@framinghamma.gov

Project Fiscal Year 2026 Department Priority # 3

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

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High - necessary to ensure consistent, level service for the upcoming fiscal year. This priority type includes systems that are 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 cost 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

Gates Street at Country Club Lane & Worcester Rd. from Country Club Lane to Oak Cres

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

New - first time submission

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

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

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

Project Financing

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

Amount Requested \$ 9,890,000

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

25

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

0

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

Bond General Fund

Bond Enterprise Fund

Free Cash/Retained Earnings

CPA

Grant

Other Type of Loan

Other

Matching Requirements

Additional explanation/information related to funding source(s)

SRF

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 project will replace the existing Gates Street Sewer Pump Station and its force main (discharge pressure sewer) with all new infrastructure.

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 “Ensure Public Safety”.

Replacing the existing Gates Street Sewer Pump Station will substantially improve performance, reliability, maintainability, and safety. The existing station is 70 years old and a new station is required to improve safety and operational conditions. The station was constructed in 1953 and last rehabilitated in 1984. The pumps require constant attention to stay in operation. Corrosion has deteriorated the interior of both the pump room. The wet well ventilation is substandard, resulting in air quality risk to operators and accelerated corrosion. The new pump station will be a suction-lift packaged station, a configuration that has proven to provide excellent performance and enable much better accessibility for operations and maintenance. This type of station provides direct accessibility at or just below grade by simply removing a fiberglass enclosure. The new station will have all new components and will be upgraded to the City's standards for SCADA, enhancing centralized monitoring and data gathering. The force main is a 10" diameter cast iron pipe that has outlived its useful life. Furthermore, the

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

Which phase of project is requested?

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

- Replace existing infrastructure
- Replace existing capital asset
- Replace existing vehicle
- Replace existing equipment
- New infrastructure
- New capital asset
- New vehicle
- New equipment
- Strategic/Comprehensive/Master Plan

Project Type - check all that apply

- Land acquisition
- Planning/Feasibility Study
- Design
- Construction
- Equipment
- Vehicle
- Contingency
- Other

Asset Type

- Land
- Municipal Building

School Building

Water/Sewer Infrastructure

Roadway Infrastructure

Traffic/Streetlight Infrastructure

Waterway/Beach

Recreation Trail

Bridge

Park/Playground/Athletic Field

Vehicle

Equipment

Software/Technology

Refuge/Recycling Center

Other

Project Community Impact

Health & Safety

Education

Aesthetics/Historic preservation

Environmental sustainability

Economic development

Cultural/Recreational opportunity

Service Improvement

Level Service Maintenance

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

Increase/Decrease to Personnel

Explanation

Increase/Decrease to Operating

Explanation

Additional Information

Checklist for completion

FY2026 Project Request PDF file includes form, updated vendor memos/quote/pricing, photos

Save each FY2026 project request as separate PDF file (Department name/Project Name) to T Drive/Finance/CIP 26-30/Department Folder

August 28, 2024

Mr. Robert H. Sheldon, PE
Director, Capital Projects
Department of Public Works
Capital Improvement Program
110 Western Avenue
Framingham, MA 01702

**RE: Framingham: Capital Project Planning
Gates Street Pump Station and Force Main Replacement
Construction Budget**

Dear Robert:

As you are aware, Environmental Partners is currently under contract for the design phase of the Gates Street pump station (PS) and force main replacement. We recently submitted a funding request to MassDEP through the State Revolving Fund (SRF) loan program, and we expect to be informed if the project will be listed on the Intended Use Plan for funding next year.

The construction cost estimate, including contingency and construction phase services, is \$9.89M. The detailed estimate is attached.

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

Very Truly Yours,

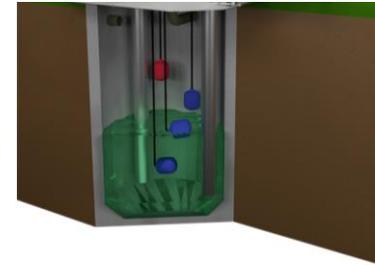
Environmental Partners Group, LLC



Paul C. Millett, P.E.
Senior Principal
P: (617) 657-0276
E: pcm@envpartners.com



Existing station – Pumps are below grade and extremely challenging to access for maintenance and repairs.



Proposed replacement station configuration. The above-ground prefabricated enclosure will house pumps, generator, and controls at grade level.

Replacing the outdated Gates Street Sewage Pump Station with a new suction-lift packaged pump station improves reliability, safety, and accessibility.

The following graphics depict the challenges facing the DPW in keeping the existing station in operation. The new station will provide new, reliable mechanical equipment protected by a removal cover, making everything accessible at grade level.



Missing bolts

Missing bolts lead to excessive vibration, which in turn leads to breaks, cracks, and equipment failure.



The pumps frequently plug, requiring more service calls than all the City's other flooded suction building stations combined. When pumps are plugged or fail to start, the pumps require a minimum of two technicians to disassemble the pump to clear the blockage. Stripped threads in bolt holes create a significant threat of imminent failure of all three pump assemblies.



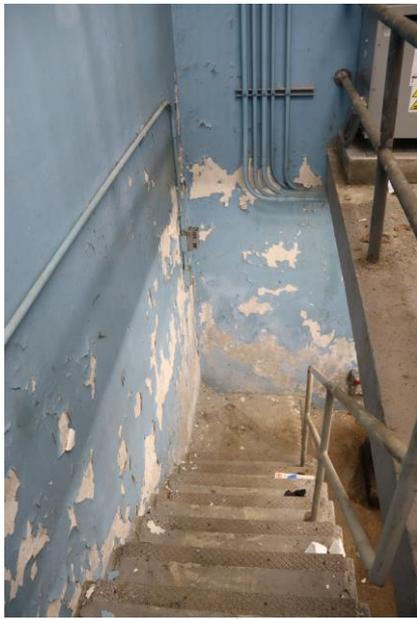
Wall separating wet well
from pump room

Isolation
valve

Pump

Pump blockages are frequent occurrences at the Gates Street Pump Station. To clear a blockage, the pump has to be taken off line and the sewage in the wet well held back from flowing into the pump room. All three valves isolating pumps from the wet well are unreliable.

- Pump 3's valve has completely failed. Clearing a Pump 3 blockage has to be done at night during low flows and even then there's only a window of 10-20 minutes to do the work without flooding the pump room with sewage.*
- The valves for Pump 1 and Pump 2 are only marginally effective and leak sewage onto the floor of the dry well when a pump is pulled to clear a blockage.*



Very low headroom makes it very challenging to disassemble and haul heavy valves and pumps in and out of pump room.

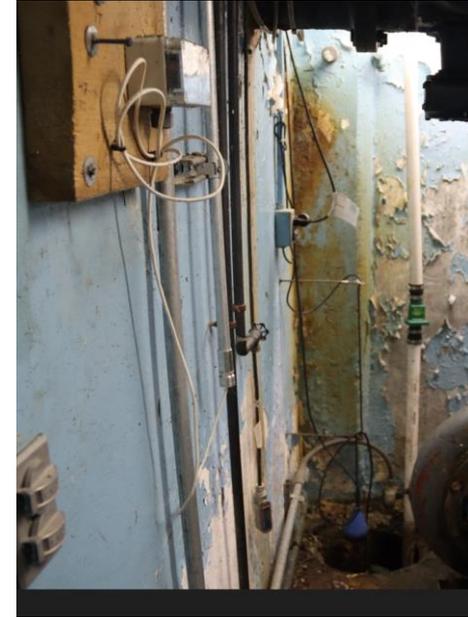
Severe corrosion and lack of ventilation create hazardous working conditions in wet well.

Standard operating procedures now prohibit operators from entering the pump room of the station or the wet well alone. Failure of equipment causing a risk of harm to the operators is a significant concern.

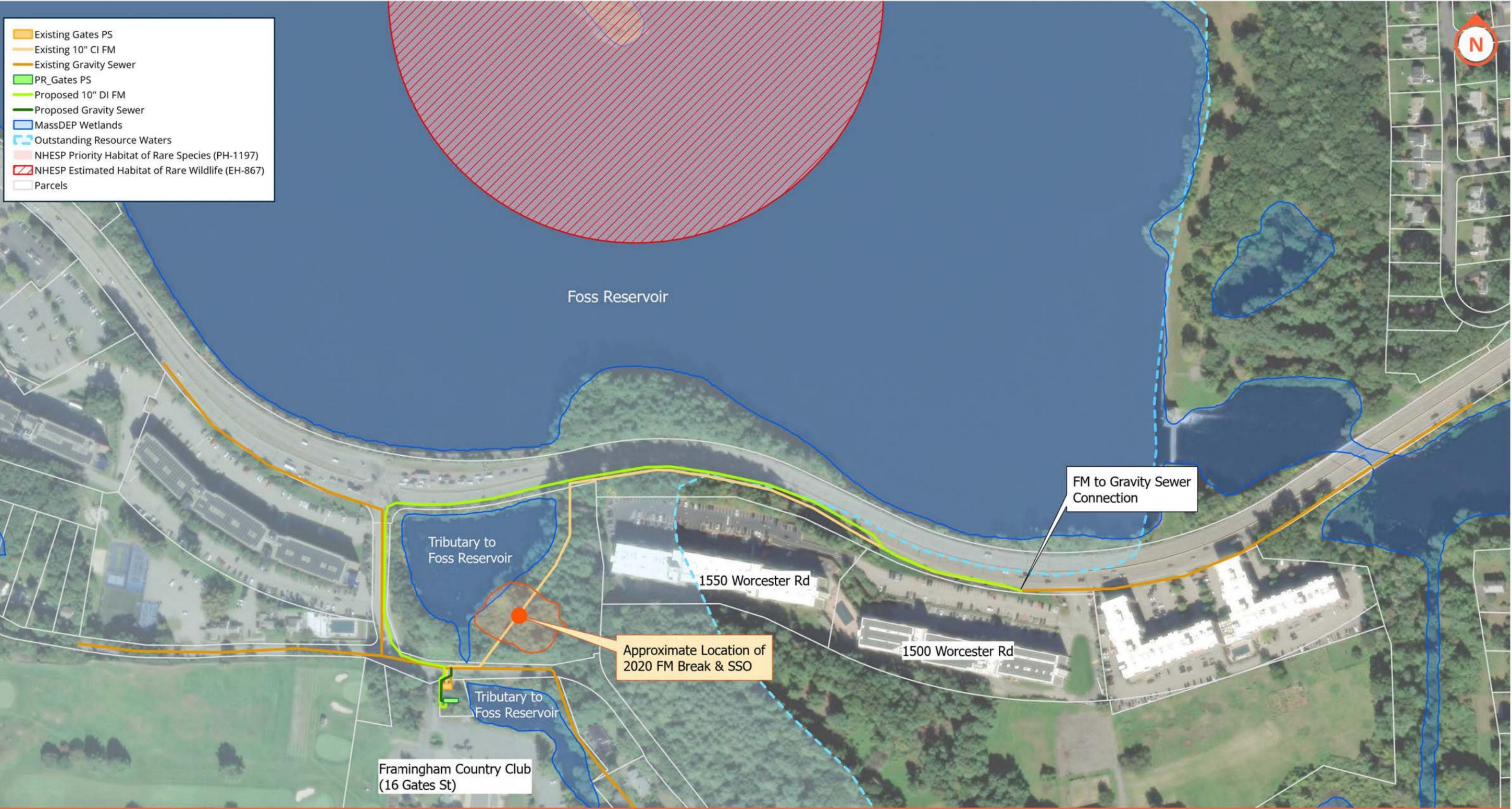




Check valves are in poor condition. The risk of a catastrophic failure of the station during repair or replacement is so high that they are operated in “as is” status. Rags are used to absorb leaking sewage from the valves.



The electrical service for the station is outdated and at risk of failure. Lead times for new equipment – even in emergencies – is on the order of months. Failure of the electrical service also may result in loss of control equipment.



- Existing Gates PS
- Existing 10" CI FM
- Existing Gravity Sewer
- PR_Gates PS
- Proposed 10" DI FM
- Proposed Gravity Sewer
- MassDEP Wetlands
- Outstanding Resource Waters
- NHESP Priority Habitat of Rare Species (PH-1197)
- NHESP Estimated Habitat of Rare Wildlife (EH-867)
- Parcels



Foss Reservoir

Tributary to Foss Reservoir

1550 Worcester Rd

Approximate Location of 2020 FM Break & SSO

1500 Worcester Rd

FM to Gravity Sewer Connection

Tributary to Foss Reservoir

Framingham Country Club (16 Gates St)



Attachment 1
 Gates Street Pump Station and Force Main
 Framingham, MA
 7/15/2024



ATTACHMENT 8

Cost Estimate

**GATES STREET PUMP STATION AND FORCE MAIN REPLACEMENT
FRAMINGHAM, MASSACHUSETTS
ENGINEERS OPINION OF PROBABLE CONSTRUCTION COST
75% DESIGN**

Bid Item Number	Bid Item Description	Unit	Quantity	Unit Price	ESTIMATED COST	
1*	Existing Gates Street Pump Station Demolition and Appurtenant Work	LS	1	-	\$425,000	
2*	Gates Street Sewer Pump Station and Appurtenant Work	LS	1	-	\$4,597,000	
3*	Gates Street Force Main Replacement	LS	1	-	\$2,495,000	
4	Rock Excavation	LS	1	-	\$49,500	
5	Asbestos Cement Pipe Removal and Disposal	LF	20	165	\$3,300	
6	Traffic Management	LS	1	-	\$247,500	
7	Management and Disposal of Crushed AC Pipe and AC Impacted Soils	ALLOW.	1		\$82,500	
8	Utility Support and Coordination	ALLOW.	1	-	\$55,000	
9	Utility Backcharge	ALLOW.	1	-	\$110,000	
10	Abutter Relocation Allowance	ALLOW.	1	-	\$5,500	
				Subtotal :	-	\$8,070,300
				Police Traffic Detail:	-	\$202,000
				Contingency:	10%	\$807,030
				Construction Services (<i>Bidding, General Supervision, Resident Engineering, Testing, As-Builts, O&M Manual, Start-up</i>):	10%	\$807,030
Opinion of Probable Construction Cost						\$9,886,360

Notes:

1. Cost Estimate is based on July 2024 dollars. An ENR Index of 13,900 was used.
- * Estimates for Items 1, 2, and 3 are itemized on the following sheets.

**GATES STREET PUMP STATION AND FORCE MAIN REPLACEMENT
FRAMINGHAM, MASSACHUSETTS
75% DESIGN ENGINEERS OPINION OF PROBABLE CONSTRUCTION COST
ITEMS 1 & 2 BREAKDOWN**

Category	Work Item Description	Unit of Measure	Approx. Quantity	Unit Price	ESTIMATED COST
General					
	Contractor's General Conditions @ 8%	ls	1	-	\$304,300.00
	Overhead and Profit @ 15%	ls	1	-	\$570,600.00
	Bond and Insurance @ 3%	ls	1	-	\$114,100.00
	Permitting @ 1%	ls	1	-	\$38,000.00
	Mobilization @ 5%	ls	1	-	\$190,200.00
Division 2 - Site Construction					
	Clearing and Grubbing (ALLOW.)	ls	1	\$55,000.00	\$55,000.00
	Removal and Disposal of Existing Masonry Superstructure (ALLOW.)	ls	1	\$55,000.00	\$55,000.00
	Removal and Disposal of Existing Wet Well and Dry Well Concrete (to 8' Below Grade) (ALLOW.)	ls	1	\$55,000.00	\$55,000.00
	Removal and Disposal of Existing Interior Process Mechanical, Electrical, HVAC, and I&C Equipment (ALLOW.)	ls	1	\$220,000.00	\$220,000.00
	Abandon Existing Wet Well and Dry Well with CDF	cy	200	\$330.00	\$66,000.00
	Abandon Existing Gravity Sewer and Force Main with LDCC (ALLOW.)	cy	10	\$1,100.00	\$11,000.00
	Remove and Dispose of Existing AC Pipe (ALLOW.)	lf	25	\$440.00	\$11,000.00
	Dewatering, and Support of Excavation (ALLOW.)	ls	1	\$825,000.00	\$825,000.00
	7' Tall Chain Link Fence	lf	140	\$121.00	\$16,940.00
	Chain Link Swing Gates - 10'x7'	ea	1	\$2,530.00	\$2,530.00
	Timber Guardrail	lf	45	\$82.50	\$3,700.00
	Gas Service (ALLOW.)	ALLOW	1	\$55,000.00	\$55,000.00
	Electric Service (ALLOW.)	ALLOW	1	\$82,500.00	\$82,500.00
	1-inch Water Service	lf	80	\$110.00	\$8,800.00
	1-inch Water Service Taps and Curb Boxes	ea	1	\$1,375.00	\$1,375.00
Earthwork					
	Exploratory Excavation (ALLOW.)	cy	50	\$44.00	\$2,200.00
	Excavation of Unsuitable Materials Below Grade (ALLOW.)	cy	100	\$33.00	\$3,300.00
	Common Fill (ALLOW.)	cy	100	\$5.50	\$550.00
	Select Fill (ALLOW.)	cy	250	\$8.80	\$2,200.00
	Soil Management Plan (ALLOW.)	ls	1	\$55,000.00	\$55,000.00
	Removal and Disposal of Background or Unregulated Soil Materials (ALLOW.)	tons	100	\$38.50	\$3,850.00
	Removal and Disposal of Impacted Materials (ALLOW.)	tons	100	\$44.00	\$4,400.00
	Removal and Disposal of Unlined Landfill Materials (ALLOW.)	tons	100	\$66.00	\$6,600.00
	Removal and Disposal of Lined Landfill Materials (ALLOW.)	tons	100	\$82.50	\$8,250.00
Gravity Sewer Pipe and Appurtenances					
	12-Inch SDR 35 PVC Gravity Sewer Pipe	lf	110	\$440.00	\$48,400.00
	Precast 4' Diameter Sewer Manhole	ea	3	\$6,600.00	\$19,800.00
	Sewer Manhole Frame and Cover	ea	5	\$1,485.00	\$7,425.00
Sewer Force Main Pipe and Appurtenances					
	10-inch DI Sewer Force Main	lf	120	\$275.00	\$33,000.00
	Sewer FM Permanent Bypass Manhole Assembly (Includes all plug valves)	ls	1	\$55,000.00	\$55,000.00
Paving, Sidewalks, and Curbing					
	2-inch Mill	sy	130	\$33.00	\$4,290.00
	2-inch Overlay	sy	130	\$27.50	\$3,580.00
	Bituminous Berm	lf	150	\$11.00	\$1,650.00
	4-inch Pavement for Driveway Reconstruction	tons	50	\$220.00	\$11,000.00

Category	Work Item Description	Unit of Measure	Approx. Quantity	Unit Price	ESTIMATED COST
Restoration					
	Grading	sy	620	\$11.00	\$6,820.00
	Loam and Seed	sy	520	\$11.00	\$5,720.00
	Landscaping and Shrubs	ls	1	\$27,500.00	\$27,500.00
	Furnishing and Placing Environmental Protection (ALLOW.)	ls	1	\$16,500.00	\$16,500.00
	Wetland Mitigation and Relocation (ALLOW.)	ls	1	\$82,500.00	\$82,500.00
Drainage					
	12-inch RCP Drain Pipe	lf	40	\$220.00	\$8,800.00
	6-foot Diameter Leaching Basin	ea	4	\$7,700.00	\$30,800.00
	4-foot Diameter Hydrodynamic Separator	ea	1	\$33,000.00	\$33,000.00
	4-foot Diameter Catch Basin Structure	ea	1	\$7,700.00	\$7,700.00
	Catch Basin Frame and Grate	ea	1	\$1,100.00	\$1,100.00
	Drain Manhole Frame and Cover	ea	4	\$1,100.00	\$4,400.00
	Headwall Structure	ea	1	\$11,000.00	\$11,000.00
Miscellaneous					
	Miscellaneous Work and Cleanup (ALLOW.)	ls	1	\$27,500.00	\$27,500.00
	Variable Message Boards	weeks	12	\$550.00	\$6,600.00
Division 3 - Concrete					
	Precast Wet Well	ls	1	\$480,200.00	\$480,200.00
	Cast in Place Slab	cy	10	\$2,200.00	\$22,000.00
Division 5 - Misc Metals					
	Access Hatches	ls	1	\$16,500.00	\$16,500.00
Division 9 - Finishes					
	Painting	ls	1	\$33,000.00	\$33,000.00
Division 11 - Equipment (Process Mechanical)					
	Modular Pump Station	ls	1	\$863,600.00	\$863,600.00
	Pipe Connections by General Contractor	ea	2	\$11,000.00	\$22,000.00
Division 13 - Special Construction (Instrumentation and Control)					
	Pump Control Panel	ls	1	\$82,500.00	\$82,500.00
	Magnetic Flow Meter Manhole Assembly	ls	1	\$44,000.00	\$44,000.00
	Instrumentation	ls	1	\$55,000.00	\$55,000.00
Division 15 - Mechanical					
	Plumbing - Demolition	ls	1	\$2,750.00	\$2,750.00
	Plumbing - New Construction	ls	1	\$16,500.00	\$16,500.00
	HVAC - Demolition	ls	1	\$2,750.00	\$2,750.00
	HVAC - New Construction	ls	1	\$49,500.00	\$41,500.00
Division 16 - Electrical					
	Electrical - Demolition	ls	1	\$12,500.00	\$12,500.00
	Electrical - New Construction	ls	1	\$100,000.00	\$100,000.00
Subtotal					\$5,022,000.00
Demolition Subtotal (Item 1)					\$425,000.00
Remaining Pump Station Subtotal (Item 2)					\$4,597,000.00

**GATES STREET PUMP STATION AND FORCE MAIN REPLACEMENT
FRAMINGHAM, MASSACHUSETTS
75% DESIGN ENGINEERS OPINION OF PROBABLE CONSTRUCTION COST
ITEM 3 BREAKDOWN**

Category	Work Item Description	Unit of Measure	Approx. Quantity	Unit Price	ESTIMATED COST
General					
	Mobilization @ 5%	ls	1	-	\$118,796.40
	Preconstruction Video and Photographs	ls	1	\$12,000.00	\$12,000.00
Sewer Force Main					
	10-Inch DI Sewer Force Main	lf	2,350	\$492.00	\$1,156,200.00
Contaminated Material Management					
	Soil Management Plans	ls	1	\$90,000.00	\$90,000.00
	Removal and Disposal of Background or Unregulated Soil Materials	ton	2000	\$36.00	\$72,000.00
	Removal and Disposal of Impacted Materials	ton	750	\$72.00	\$54,000.00
	Removal and Disposal of Unlined Landfill Materials	ton	250	\$108.00	\$27,000.00
	Removal and Disposal of Lined Landfill Materials	ton	250	\$180.00	\$45,000.00
Removal / Abandonment of Utilities					
	Abandon Existing Force Main (10" CI) with LDCC	cy	40	\$4,320.00	\$172,800.00
Earth Excavation					
	Exploratory Excavation	cy	150	\$60.00	\$9,000.00
	Excavation of Unsuitable Materials Below Trench Grade	cy	250	\$12.00	\$3,000.00
	For Performing Soil Compaction Tests, as Specified	allow	1	\$60,000.00	\$60,000.00
Additional Materials					
	Select Fill	cy	400	\$10.80	\$4,320.00
	Special Borrow M1.02.0	cy	2,500	\$14.40	\$36,000.00
	1500 PSI Concrete	cy	100	\$38.40	\$3,840.00
Pavement					
	4-Inch Trench Pavement (6' Wide Trench)	sy	1,400	\$55.20	\$77,280.00
	12-Inch Intermediate Trench Pavement (DOT)(8' Wide Trench)	sy	1,300	\$121.20	\$157,560.00
	2-Inch Milling (Eastbound - 30')	sy	4,600	\$12.00	\$55,200.00
	2-Inch Overlay (Eastbound - 30')	sy	4,600	\$32.40	\$149,040.00
Restoration					
	Restoration of Growth	sy	290	\$127.20	\$36,888.00
	Variable Message Boards as Shown and Specified	board-weeks	40	\$270.00	\$10,800.00
	Utility Support and Coordination	allow	1	\$60,000.00	\$60,000.00
	For Furnishing and Placing Environmental Protection	ls	1	\$24,000.00	\$24,000.00
	Miscellaneous Work and Cleanup	ls	1	\$60,000.00	\$60,000.00
Subtotal					\$2,495,000.00

City of Framingham 5 Year Capital Improvement Program FY2026-FY2030
Capital Project Request Form for FY2026 Projects

FY2026 Project requests must meet the definition of a Capital Project

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

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

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

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

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

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

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

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

Project Name	Replaces F550 Rack Body Tailgate Crane Plow
Project Status	New

Project Lead Name Jeffrey Rousseau

Email address jrousseau@framinghamma.gov

Project Fiscal Year 2026 Department Priority # 4

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

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

High - necessary to ensure consistent, level service for the upcoming fiscal year. This priority type includes systems that are 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 cost savings or other efficiencies, or directly supports community's economic base by increasing property values.

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

Physical location/address of project/equipment

N/A

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

New - first time submission

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

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

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

Project Financing

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

Amount Requested \$ 115,000

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

Based on most recent experience

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

Bond General Fund

Bond Enterprise Fund

Free Cash/Retained Earnings

_____ CPA

_____ Grant

_____ Other Type of Loan

_____ Other

_____ Matching Requirements

Additional explanation/information related to funding source(s)

0

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 replaces a 2012 Ford F550 rack body with tailgate crane and plow (No. 727).

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 “Ensure Public Safety”.

The 14-year-old vehicle is showing its wear, given its heavy use for projects like manhole construction. It has 40636 miles and 8,696 hours as of September 2024.

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

N/A

Which phase of project is requested?

N/A

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

Replace existing infrastructure

Replace existing capital asset

Replace existing vehicle

Replace existing equipment

New infrastructure

New capital asset

New vehicle

New equipment

Strategic/Comprehensive/Master Plan

Project Type - check all that apply

Land acquisition

Planning/Feasibility Study

Design

Construction

Equipment

Vehicle

Contingency

Other

Asset Type

Land

Municipal Building

- School Building
- Water/Sewer Infrastructure
- Roadway Infrastructure
- Traffic/Streetlight Infrastructure
- Waterway/Beach
- Recreation Trail
- Bridge
- Park/Playground/Athletic Field
- Vehicle
- Equipment
- Software/Technology
- Refuge/Recycling Center
- Other

Project Community Impact

- Health & Safety
- Education
- Aesthetics/Historic preservation
- Environmental sustainability
- Economic development
- Cultural/Recreational opportunity
- Service Improvement
- Level Service Maintenance

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

Increase/Decrease to Personnel

Explanation

Increase/Decrease to Operating

Explanation

Additional Information

Checklist for completion

FY2026 Project Request PDF file includes form, updated vendor memos/quote/pricing, photos

Save each FY2026 project request as separate PDF file (Department name/Project Name) to T Drive/Finance/CIP 26-30/Department Folder



Quote

Company/Dept:	City of Framingham - Public Works Department	Date:	August 6, 2024
Contact:	Jeff Rousseau	Quote #:	#727
Street Address:	100 Western Ave.	Revision #:	BUDGETARY
City, State, Zip:	Framingham, MA 01702	Customer ID:	
Phone:	508-532-6073	Sales Rep:	Greg Keith
E-Mail:	jrousseau@framinghamma.gov		508-954-2225
Job Description:	<u>Ford F550 Rack Body Truck</u>	Contract:	GBPC/BAPERN

QTY	Item #	VEHICLE LINE DESCRIPTION	UNIT PRICE	Ext Line Total
1	F5H	2024 Ford F550 RC DRW 145" WB 60" CA Chassis	\$48,243.00	\$48,243.00
1	AT	Safety Yellow	\$660.00	\$653.40
1	99N	7.3L V8 Gas Engine		
1	44G	10-Speed TorqShift Automatic Transmission		
1	TGM	225/70R19 Traction Tires	\$190.00	\$188.10
1	X8L	4.88 Limited Slip Axle	\$395.00	\$391.05
1	473	Snow Plow Prep Package	\$250.00	\$247.50
1	512	Spare Tire & Wheel	\$350.00	\$346.50
1	61L	Front Wheel Well Liners	\$180.00	\$178.20
1	67B	410 Amp Dual Alternators	\$115.00	\$113.85
1	68U	Payload Upgrade Package 19,000# GVWR	\$815.00	\$806.85
1	76C	Exterior Backup Alarm	\$175.00	\$173.25
1	86M	Dual Batteries	\$210.00	\$207.90
1	872	Rear View Camera and Prep Kit	\$415.00	\$410.85
1	18B	Platform Running Boards	\$320.00	\$316.80
1	96V	XL Chrome Package	\$225.00	\$222.75
			Vehicle Total:	\$52,500.00
QTY	Item #	EQUIPMENT LINE DESCRIPTION	UNIT PRICE	Ext Line Total
1		Vent Visor Rain Guards	\$95.00	\$95.00
1		Weathertech Floor Liners	\$146.00	\$146.00
1		Remount OEM Supplied Backup Camera	\$310.00	\$310.00
1		Undercoat 1-Ton Truck	\$1,860.00	\$1,860.00
1		11' Steel Platform Body w/ Wood Floor and 40" Stake Sides	\$12,161.94	\$12,161.94
1		40" Steel Bulkhead	\$1,713.73	\$1,713.73
1		1/2" Plate Mounted Receiver, D-Rings & Light Plug	\$1,034.00	\$1,034.00
1		Thieman Rail Style 2,000# Liftgate	\$8,845.00	\$8,845.00
1		Liftmoore 2,000# Capacity Electric Crane	\$8,292.00	\$8,292.00
2		30" Stainless Steel Underbody Toolbox	\$1,111.00	\$2,222.00
1	ENNLB0125V-35W	Sound Off 54" NXT Lightbar w/ Takedowns, Alleys and STT	\$2,800.00	\$2,800.00

2	EMPSA05C1-A	Sound Off 4" Amber LED Flashers in Grill	\$250.00	\$500.00
2	EMPS2QMS3A	Sound Off 4" Amber LED Flashers Above Each Rear Wheel	\$250.00	\$500.00
2	EMPSA05BT-F	Sound Off 4" Amber/WhiteLED Flashers on Rear of Body	\$250.00	\$500.00
1	SS	Shop Supplies	\$225.00	\$225.00
1		9' Boss Trip Edge Plow	\$10,422.00	\$10,422.00
Contract Equipment Total:				\$51,626.67
QTY	Item #	NON-CONTRACT EQUIPMENT LINE DESCRIPTION	UNIT PRICE	Ext Line Total
1	Delivery	Deliver Truck to Framingham, MA	\$132.00	\$132.00
1		Potential 10% 2025 Model Year Increase	\$4,824.00	\$4,824.00
1		Potential 10% Equipment Increase	\$5,162.00	\$5,162.00
THIS QUOTE IS INTENDED FOR BUDGETARY PURPOSES ONLY				
FORD FACTORY VEHICLE WARRANTY:				
3 YEARS/36,000 MILES BUMPER TO BUMPER				
5 YEARS/60,000 MILES POWERTRAIN				
5 YEARS/UNLIMITED MILES CORROSION				
5 YEARS/60,000 MILES ROADSIDE ASSISTANCE				
Non-Contract Equipment Total:				\$10,118.00
Vehicle and Equipment Total:				\$114,244.67
Vehicle Quantity:				1
Sub total:				\$114,244.67
Trade Description	Trade VIN		Trade Miles	Trade Value
Trade Vehicle/s Total:				\$0.00
Quote Grand Total:				\$114,244.67

TERMS AND CONDITIONS

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

ORDER ACKNOWLEDGEMENT

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

x

PRINT NAME

x

TITLE

SIGNATURE



Physical location/address of project/equipment

City-wide

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

New - first time submission

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

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

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

Project Financing

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

Amount Requested \$ 375,000

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

0

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

Bond General Fund

Bond Enterprise Fund

Free Cash/Retained Earnings

_____ CPA

_____ Grant

_____ Other Type of Loan

_____ Other

_____ Matching Requirements

Additional explanation/information related to funding source(s)

0

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

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 "Ensure Public Safety".

Repairs and improvements are necessary for continued compliance with sewer regulations, to insure continued sewer service to ratepayers, to address emergency repairs, and to reduce and delay the need for major costly capital investments.

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

Which phase of project is requested?

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

Replace existing infrastructure

Replace existing capital asset

Replace existing vehicle

Replace existing equipment

New infrastructure

New capital asset

New vehicle

New equipment

Strategic/Comprehensive/Master Plan

Project Type - check all that apply

Land acquisition

Planning/Feasibility Study

Design

Construction

Equipment

Vehicle

Contingency

Other

Asset Type

Land

Municipal Building

School Building

Water/Sewer Infrastructure

Roadway Infrastructure

Traffic/Streetlight Infrastructure

Waterway/Beach

Recreation Trail

Bridge

Park/Playground/Athletic Field

Vehicle

Equipment

Software/Technology

Refuge/Recycling Center

Other

Project Community Impact

Health & Safety

Education

Aesthetics/Historic preservation

Environmental sustainability

Economic development

Cultural/Recreational opportunity

Service Improvement

Level Service Maintenance

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

Increase/Decrease to Personnel

Explanation

Increase/Decrease to Operating

Explanation

Additional Information

Checklist for completion

FY2026 Project Request PDF file includes form, updated vendor memos/quote/pricing, photos

Save each FY2026 project request as separate PDF file (Department name/Project Name) to T Drive/Finance/CIP 26-30/Department Folder



CITY OF FRAMINGHAM

DEPARTMENT OF PUBLIC WORKS | OPERATIONS

OPERATIONS CENTER
100 Western Avenue
Framingham, MA 01702

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

MEMORANDUM

DATE: 9/3/2024

TO: Steve Leone
Director of Water and Wastewater

FROM: Brian McCarthy
Wastewater Operations Manager

RE: **FY2026 Various Sewer Improvements**

In 2024 Wastewater staff continued to conduct routine daily inspections of sewer collection system infrastructure. The Division utilizes a closed-circuit television video (CCTV) inspection method with a robotic camera to capture video and photographic footage of underground sewer pipes. This investigative technology enables the City to locate sewer system defects. The work includes but is not necessarily limited to: removing existing sewer mains and replacement with new pipe, lining sewer pipe, repairing or replacing sewer manholes, repairing or replacing existing sewer force mains, repairing or replacing sewer siphons, and all other associated work to eliminate identified sewer defects. The following summarizes the Division's top priorities for work to be performed.

Identified defects to be addressed with FY2025 funding if approved:

- Angelica Dr 380' 8" Asbestos from 1968
- Lovering Ave- 330' 6" Vitrified Clay from 1953
- Olympic St- 435' 8" Asbestos from 1967
- Stearns St- 500' 6" Vitrified Clay from 1936
- Randy Rd-500' 8" Asbestos from 1959
- Skyline Dr – 240' of 8" Asbestos from 1965

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

We are requesting funding in the sum of **\$375,000 for FY2025 Various Sewer Improvements** to address these repairs and any emergent repairs that are required, that have yet to be identified. These repairs may require designing, planning, procuring, and constructing with in house staff or sometimes with the services of a contractor or consultant. Common sewer collection system defects include holes, cracks, sags, offset joints, tree roots, and frequent blockages, which lead to more significant failures if not addressed.

City of Framingham 5 Year Capital Improvement Program FY2026-FY2030
Capital Project Request Form for FY2026 Projects

FY2026 Project requests must meet the definition of a Capital Project

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

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

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

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

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

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

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

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

Project Name	SSES Report, Phase #8 - Study
Project Status	Recurring

Project Lead Name Robert Sheldon

Email address rhs@framinghamma.gov

Project Fiscal Year 2026 Department Priority # 11

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

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

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

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

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

Physical location/address of project/equipment

0

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

New - first time submission

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

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

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

Project Financing

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

Amount Requested \$ 500,000

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 18 Months

Timeframe - Additional Explanation

0

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

Bond General Fund

Bond Enterprise Fund

Free Cash/Retained Earnings

_____ CPA

_____ Grant

_____ Other Type of Loan

_____ Other

_____ Matching Requirements

Additional explanation/information related to funding source(s)

0

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 is Phase No. 8 of the Sewer System Evaluation Study, the phase addressing previously metered subareas 115 and 121. SSES includes (a) flow isolation and CCTV to identify infiltration and (b) smoke testing, dye testing, and building inspections to identify inflow. Additional funding is included to update flow monitoring efforts.

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 “Ensure Public Safety”.

This Phase is a continuation of a long-term program to remove I/I under requirements from the DEP. The SSES program is a state-mandated approach to keep clean groundwater and stormwater from entering the sewer system. That water takes up valuable capacity in pipes, increases pumping requirements and costs, and increases charges the City has to pay MWRA for conveyance and treatment. SSES also provides an opportunity for the City to find areas in need of relatively minor, low-cost repairs, which, if not fixed, could lead to more costly repairs.

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

Which phase of project is requested?

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

Replace existing infrastructure

Replace existing capital asset

Replace existing vehicle

Replace existing equipment

New infrastructure

New capital asset

New vehicle

New equipment

Strategic/Comprehensive/Master Plan

Project Type - check all that apply

Land acquisition

Planning/Feasibility Study

Design

Construction

Equipment

Vehicle

Contingency

Other

Asset Type

Land

Municipal Building

School Building

Water/Sewer Infrastructure

Roadway Infrastructure

Traffic/Streetlight Infrastructure

Waterway/Beach

Recreation Trail

Bridge

Park/Playground/Athletic Field

Vehicle

Equipment

Software/Technology

Refuge/Recycling Center

Other

Project Community Impact

Health & Safety

Education

Aesthetics/Historic preservation

Environmental sustainability

Economic development

Cultural/Recreational opportunity

Service Improvement

Level Service Maintenance

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

Increase/Decrease to Personnel

Explanation

Increase/Decrease to Operating

Explanation

Additional Information

Checklist for completion

FY2026 Project Request PDF file includes form, updated vendor memos/quote/pricing, photos

Save each FY2026 project request as separate PDF file (Department name/Project Name) to T Drive/Finance/CIP 26-30/Department Folder

August 27, 2024

Mr. Robert Sheldon, P.E.
Director, Capital Projects
Framingham DPW
110 Western Ave.
Framingham, MA 01720

Re: **FY26 Funding Request for Sewer System Evaluation Survey (SSES) Phase 8**

Dear Mr. Sheldon:

The SSES program is a state-mandated approach to keep clean groundwater and stormwater from entering the sewer system. That water takes up valuable capacity in pipes, increases pumping requirements and costs, and increases the charges the City must pay the MWRA for conveyance and treatment. SSES also provides an opportunity for the City to find areas in need of relatively minor lower-cost repairs which, if not fixed, could lead to more costly projects.

Justification:

The SSES Phase 8 area includes the area tributary to the Woodland Pump Station located off the corner of Florita Drive and Woodland Drive. The area is bounded by the Massachusetts Turnpike, Fenwick Street, Whiting Road, Edmands Road, and Lavelle Lane (Area 115). This area includes approximately 77,000 feet of sewer main. The proposed work for SSES Phase 8 includes: (1) flow isolation, manhole inspections, and CCTV to identify infiltration, and (2) smoke testing and dye testing to identify inflow.

This funding request is based on the cost of work completed in previous Phases.

Funding Recommendation

We recommend an appropriation for the project of **\$500,000** for implementation of the Phase 8 SSES program.

Please feel free to contact me if you have any questions regarding the background information on the Phase 8 SSES Program and development of the estimated capital cost.

Sincerely,

WESTON & SAMPSON ENGINEERS, INC.



Frank E. Occhipinti, P.E.
Vice President

City of Framingham 5 Year Capital Improvement Program FY2026-FY2030
Capital Project Request Form for FY2026 Projects

FY2026 Project requests must meet the definition of a Capital Project

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

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

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

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

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

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

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

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

Project Name	Lavelle Ln Sewer Pump Station Replacement - Design
Project Status	New

Project Lead Name Stephen Leone

Email address sjl@framinghamma.gov

Project Fiscal Year 2026 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 are 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 cost 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

Lavelle Lane

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

New - first time submission

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

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

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

Project Financing

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

Amount Requested \$ 315,000

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

25

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

0

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

Bond General Fund

Bond Enterprise Fund

Free Cash/Retained Earnings

_____ CPA

_____ Grant

_____ Other Type of Loan

_____ Other

_____ Matching Requirements

Additional explanation/information related to funding source(s)

0

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 is for the initial study and the subsequent design and bid documents of a replacement of the sewer pump station at Lavelle Lane. Other adjacent and nearby City infrastructure, such as sewers, water mains, drainage systems and roadway will be reviewed to determine if repairs, replacement or improvements are cost effective to implement at the same time as the pump station.

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 “Ensure Public Safety”.

The existing pump station is a pneumatic ejector, which is outdated technology that makes maintenance very difficult, including very confined space entry. The influent sewers are asbestos cement pipe, and experience high amounts of inflow during rain storms. The pressure (force) main is cast iron, which is prone to corrosion. The nearby water mains are of a type and age that has shown to be especially prone to failures in the City.

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

Which phase of project is requested?

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

Replace existing infrastructure

Replace existing capital asset

Replace existing vehicle

Replace existing equipment

New infrastructure

New capital asset

New vehicle

New equipment

Strategic/Comprehensive/Master Plan

Project Type - check all that apply

Land acquisition

Planning/Feasibility Study

Design

Construction

Equipment

Vehicle

Contingency

Other

Asset Type

Land

Municipal Building

School Building

Water/Sewer Infrastructure

Roadway Infrastructure

Traffic/Streetlight Infrastructure

Waterway/Beach

Recreation Trail

Bridge

Park/Playground/Athletic Field

Vehicle

Equipment

Software/Technology

Refuge/Recycling Center

Other

Project Community Impact

Health & Safety

Education

Aesthetics/Historic preservation

Environmental sustainability

Economic development

Cultural/Recreational opportunity

Service Improvement

Level Service Maintenance

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

Increase/Decrease to Personnel

Explanation

Increase/Decrease to Operating

Explanation

Additional Information

Checklist for completion

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August 28, 2024

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

RE: FY 26 Funding Articles for Lavelle Lane Sewer Pump Station Project—Study and Design

Dear Mr. Sedewitz:

This letter confirms the need for \$315,000 in funding for the study and design to the 90% submission milestone for the following project:

- Feasibility Study to determine the most cost-effective way to replace the existing Lavelle Lane pump station. Evaluation of surrounding City infrastructure within six hundred feet, (gravity sewer, force main and water main)
- Preliminary design of station improvements.
- Preparation and submission of 75% and 90% design drawings, specifications and construction cost estimates

The project is needed to replace aging infrastructure and improve the safety of the system. This station was constructed in 1967 and is nearing the end of its useful life. The pumping uses a pneumatic ejector that is no longer used in the industry, with limited spare parts available. In addition, the current station layout requires confined-space entry for maintenance work. The sewer system that flows to the pump station is constructed of asbestos-cement pipe. The discharge pipe is made of cast iron and is likely to be vulnerable to corrosion.

Very truly yours,

ENVIRONMENTAL PARTNERS GROUP, LLC.

A handwritten signature in black ink that reads "Paul C. Millett".

Paul C. Millett, P.E.
Senior Principal
P: 617.657.0276
E: pcm@envpartners.com

City Of Framingham
Department of Public Works

FY2026 Capital Request - Lavelle Lane Sewer Pump Station Design

