



**CAPITAL IMPROVEMENT PROJECT (CIP) REQUEST - FY26
FORM A - DESIGN & CONSTRUCTION**

Project Title:	FY26 Water Main Improvements		
Project Address:			
Department:	IAM - Engineering		
Project Mgr.:	Karla Cuarezma	Email:	kuarezma@somervillema.gov
New Project or Modification:	New Project		

Department Priority:

Rank your project(s) in order of priority from your point of view. If you propose four projects, rank them 1, 2, 3, 4, with 1 being the highest, and so forth.

Project Description/Scope of Work:

Design and construction of yearly rehabilitation to the water distribution systems, including but not limited to: water mains, hydrants, and shut-off valves. Design services will prioritize deficiencies found in the water system based on consequence and likelihood of failure. Design services will include engineering services during construction. Improvements include rehabilitation of existing pipes by clean and lining, installation of additional shut-off valves, and installation of new pipe as necessary.

Justification:

The water distribution system in Somerville was predominantly developed between the late 1800s and mid 1900s, with varied quality of pipe used between different time periods within that span. Through a comprehensive water distribution system study performed in 2020, the City has been performing recurring rehabilitations and replacements of the system in most-critical areas. Due to the impending McGrath Boulevard project by MassDOT, the City has pushed McGrath Highway corridor rehabilitations to the top of our prioritization.

Relationship to Other Projects:

This project is a preceding activity to the MassDOT McGrath Boulevard project. While these projects do not directly rely on one another, the Engineering Division is focusing on a "build once" model for the McGrath corridor. Fixing water distribution system features will support this approach.

Category: Please check all appropriate boxes

- Architectural/Engineering Feasibility Study
- Architectural/Engineering Construction Document Services & Construction Admin
- Building Alteration/Repair/Renovation/Addition/New Construction
- Building Improvements (non-construction)
- Purchase of Equipment (incl. vehicles, office equipment, hardware, etc.)
- Information Technology Systems/Platforms (e.g. cloud based, internet based, etc.)
- Street/Sidewalk/Monument Improvements
- Water Improvements
- Sewer Improvements
- Land Development
- Land Acquisition
- Land Disposition
- Parks and Open Space
- Other

Operational Impact:

Inspections and remedial work help mitigate long-term risk from pipe collapses and maintenance to failing systems.

What impact will this project have on operational costs?

- Reduce Cost (greater than 5%)
- Reduce Cost (less than 5%)
- Cost Unchanged
- Increase Cost (less than 5%)
- Increase Cost (greater than 5%)

Design and Construction Project Funding

	Total Estimated Cost	Prior Years Funding	FY 26	FY 27	FY 28	FY 29	FY 30
Capital Costs:							
Feasibility Study	\$ -						
Land Acquisition/Appraisal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Environmental Remediation/LSP	\$ -						
Demolition & Site Clearance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Owner's Proj. Mgr./Clerk of the Works	\$ -						
Designer Services (SD)	\$ 520,869		\$ 200,000	\$ 200,000	\$ 120,869		
Designer Services (CA)	\$ 856,061			\$ 428,030	\$ 428,030		
Construction	\$ 5,707,070	\$ -		\$ 2,853,535	\$ 2,853,535		
Insurance (builder's risk, addtl. Polices)	\$ -	\$ -		\$ -	\$ -		
Furniture & Equipment (FFE)	\$ -						
Police Details	\$ 400,000	\$ -		\$ 200,000	\$ 200,000		
Contingency - Construction	\$ 400,000			\$ 200,000	\$ 200,000		
Contingency - Soft Costs	\$ 400,000	\$ -		\$ 200,000	\$ 200,000		
Other (Specify)	\$ -	\$ -		\$ -	\$ -		
Total:	\$ 8,284,000	\$ -	\$ 200,000	\$ 4,081,565	\$ 4,002,434	\$ -	\$ -

Recurring annual program on Water CIP

Please provide suggested sources. This section will be finalized jointly by Finance and the Department.

	Total Estimated Cost	Prior Years Funding	FY 26	FY 27	FY 28	FY 29	FY 30
Funding Sources:							
Stabilization Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
GO Bonds	\$ 8,284,000		\$ 200,000	\$ 4,081,565	\$ 4,002,434		
Retained Earnings	\$ -						
General Fund	\$ -						
Special Assmnt.	\$ -						
Ch. 90	\$ -						
Grants	\$ -						
Receipts Reserved	\$ -						
Other (Specify)	\$ -						
Other (Specify)	\$ -						
Total:	\$ 8,284,000	\$ -	\$ 200,000	\$ 4,081,565	\$ 4,002,434	\$ -	\$ -

Evaluation Committee Use Only:

Reviewed and Approved By:

Requesting Department

Auditing

Purchasing

Date

Date

Date

Final Approval

Version

Draft

Revised

Accepted