

**CITY OF FRAMINGHAM
CAPITAL PROJECT/EQUIPMENT REQUEST - FY2024-2033 CIP**

DEPARTMENT:

DEPARTMENT PRIORITY:

(1) **PROJECT NAME:**
PROJECT STATUS:

<p>(2) PROJECT DESCRIPTION AND JUSTIFICATION:</p> <div style="border: 1px solid black; padding: 5px;"> <p>This project involves the procurement of alternative energy and resiliency systems across municipal facilities and school buildings. More specifically, this funding will support a technical consultant that will help the City to develop a portfolio of municipal facilities for renewable energy and battery storage integration and develop a solicitation to receive and evaluate competitive proposals from clean energy system developers. The project directly continues the City's efforts to advance local renewable energy projects at municipal facilities, helping to reduce the City's carbon footprint, reduce energy costs, and improve local resiliency.</p> </div> <p>PROJECT ADDITIONS/CHANGES JUSTIFICATION:</p> <input type="text"/>	<p>(3) PURPOSE OF PROJECT:</p> <table border="0"> <tr><td><input type="checkbox"/></td><td>Replace existing infrastructure</td></tr> <tr><td><input type="checkbox"/></td><td>Replace existing capital asset</td></tr> <tr><td><input type="checkbox"/></td><td>Replace existing vehicle</td></tr> <tr><td><input type="checkbox"/></td><td>Replace equipment</td></tr> <tr><td><input type="checkbox"/></td><td>New infrastructure</td></tr> <tr><td><input type="checkbox"/></td><td>New capital asset</td></tr> <tr><td><input type="checkbox"/></td><td>New vehicle</td></tr> <tr><td><input type="checkbox"/></td><td>New equipment</td></tr> <tr><td><input checked="" type="checkbox"/></td><td>Strategic/Comprehensive/Master plan</td></tr> </table>	<input type="checkbox"/>	Replace existing infrastructure	<input type="checkbox"/>	Replace existing capital asset	<input type="checkbox"/>	Replace existing vehicle	<input type="checkbox"/>	Replace equipment	<input type="checkbox"/>	New infrastructure	<input type="checkbox"/>	New capital asset	<input type="checkbox"/>	New vehicle	<input type="checkbox"/>	New equipment	<input checked="" type="checkbox"/>	Strategic/Comprehensive/Master plan
<input type="checkbox"/>	Replace existing infrastructure																		
<input type="checkbox"/>	Replace existing capital asset																		
<input type="checkbox"/>	Replace existing vehicle																		
<input type="checkbox"/>	Replace equipment																		
<input type="checkbox"/>	New infrastructure																		
<input type="checkbox"/>	New capital asset																		
<input type="checkbox"/>	New vehicle																		
<input type="checkbox"/>	New equipment																		
<input checked="" type="checkbox"/>	Strategic/Comprehensive/Master plan																		

(4) **BUDGET REQUEST BY YEAR:**

	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29-33
a. Land Acquisition						
b. Planning / Feasibility						
c. Design	25,000					
d. Construction						
e. Equipment/Vehicles						
f. Contingency						
g. Other						
TOTAL	25,000	-	-	-	-	-

(5) **PRIORITY:**

a. <input type="checkbox"/> health and safety	safety concern, hazardous condition, agency compliance, non-functional, etc
b. <input type="checkbox"/> level service maintenance	maintains City desired level of service
c. <input type="checkbox"/> economic development	adds to the City's economic vibrancy
d. <input type="checkbox"/> service improvement	new or improved service to meet demand

(6) **EFFECTS ON ANNUAL OPERATING BUDGET:**

	FY 24	FY 25	FY 26	FY 27	FY 28	FY29	YEARS 29-33
Personnel							
Operating							

(7) **PROPOSED FUNDING SOURCE(S):**

- 1)
- 2)
- 3)

(10) **PROJECT OR EQUIPMENT LOCATION:**

(11) **ASSET TYPE:**

(7a) **POTENTIAL GRANT FUNDING SOURCE IF APPLICABLE: (List source and matching requirements)**

(8) **PROJECT LEAD NAME & CONTACT INFO: (ADDITIONAL PROJECT INFO AS NEEDED)**

(9) **FINANCE DEPARTMENT NOTES:**



**CITY OF FRAMINGHAM
CAPITAL PROJECT/EQUIPMENT REQUEST - FY2024-2033 CIP**

DEPARTMENT:

DEPARTMENT PRIORITY:

(1) **PROJECT NAME:**
PROJECT STATUS:

(2) **PROJECT DESCRIPTION AND JUSTIFICATION:**
 The requested funding will assist in the implementation of clean energy resiliency assets to improve local resiliency, increase the amount of renewables powering municipal facilities, reduce energy costs, and reduce Framingham's carbon footprint. To inform this work, the City has completed energy resiliency/microgrid studies in partnership with the Massachusetts Clean Energy Center (MassCEC) as well as the Municipal Vulnerability Preparedness (MVP) Program that encompass critical municipal and community facilities. The proposed project is intended to be further shaped by the Citywide Solar Alternative Energy and Resiliency Procurement and provide the City with an opportunity to pursue federal and state grant funding that may require a funding match (ex. FEMA's Building Resilient Infrastructure and Communities (BRIC) Grant). The project will directly support the implementation of measures identified through the MassCEC CLEAR program studies completed for the municipal facilities in neighborhoods surrounding Winch Park and Concord Street/Normandy Road. In addition to advancing municipal energy resiliency (as identified as a priority in the City's 2019 Community Resiliency Building (CRB) Workshop Report through the Municipal Vulnerability Preparedness (MVP) Program, the project would support the development and deployment of local clean energy resources that will directly advance priorities of the Climate Emergency declared by the Framingham City Council.

(3) **PURPOSE OF PROJECT:**

<input type="checkbox"/>	Replace existing infrastructure
<input type="checkbox"/>	Replace existing capital asset
<input type="checkbox"/>	Replace existing vehicle
<input type="checkbox"/>	Replace equipment
<input checked="" type="checkbox"/>	New infrastructure
<input type="checkbox"/>	New capital asset
<input type="checkbox"/>	New vehicle
<input checked="" type="checkbox"/>	New equipment
<input type="checkbox"/>	Strategic/Comprehensive/Master plan

PROJECT ADDITIONS/CHANGES JUSTIFICATION:

(4) **BUDGET REQUEST BY YEAR:**

	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29-33
a. Land Acquisition						
b. Planning / Feasibility						
c. Design						
d. Construction						
e. Equipment/Vehicles						
f. Contingency						
g. Other	250,000					
TOTAL	250,000	-	-	-	-	-

(5) **PRIORITY:**

a.	health and safety	safety concern, hazardous condition, agency compliance, non-functional, etc
b.	level service maintenance	maintains City desired level of service
c.	economic development	adds to the City's economic vibrancy
d.	service improvement	new or improved service to meet demand

(6) EFFECTS ON ANNUAL OPERATING BUDGET:

	FY 24	FY 25	FY 26	FY 27	FY 28	FY29	YEARS 29-33
Personnel							
Operating							

(7) PROPOSED FUNDING SOURCE(S):

- 1) **Grants**
- 2) **Free Cash**
- 3)

(10) PROJECT OR EQUIPMENT LOCATION:

Multiple Municipal Facilities

(11) ASSET TYPE:

Building

(7a) POTENTIAL GRANT FUNDING SOURCE IF APPLICABLE: (List source and matching requirements)

FEMA BRIC Grant, 25% Match

(8) PROJECT LEAD NAME & CONTACT INFO: (ADDITIONAL PROJECT INFO AS NEEDED)

Shawn Luz, sluz@framinghamma.gov, x4652

(9) FINANCE DEPARTMENT NOTES:

**CITY OF FRAMINGHAM
CAPITAL PROJECT/EQUIPMENT REQUEST - FY2024-2033 CIP**

DEPARTMENT:

DEPARTMENT PRIORITY:

(1) **PROJECT NAME:**
PROJECT STATUS:

(2) **PROJECT DESCRIPTION AND JUSTIFICATION:**

This project entails the development of a comprehensive and holistic blueprint that establishes clear actions that Framingham can take to reduce its emissions and improve local resiliency built on detailed best practices research, analysis and integration of existing plans in Framingham, and strong community engagement with a focus on members of our community most impacted by climate change.

Framingham's 2020 Strategic Plan sets a clear objective to align with the Commonwealth's target of Net Zero greenhouse gas (GHG) emissions by 2050. To achieve this sizable objective, an actionable blueprint for Framingham to tackle greenhouse gas emissions, both from municipal and community sources, is critical. With the implementation of the City's first Sustainability Committee and multiple ongoing supporting climate planning efforts, it is advantageous time for the community to begin development of comprehensive climate action planning. Additionally, development of a comprehensive climate action plan would help provide further definition to priority items identified in Framingham's Community Resiliency Building (CRB) Workshop Report on climate change. The proposed climate action plan will utilize community engagement and best practices to identify the critical measures Framingham should adopt to improve its sustainability, reduce greenhouse gas emissions, and support local climate resiliency. Development of this plan is important to supporting the Sustainability Committee as it seeks to make long-term improvements in local sustainability.

PROJECT ADDITIONS/CHANGES JUSTIFICATION:

(3) **PURPOSE OF PROJECT:**

<input type="checkbox"/>	Replace existing infrastructure
<input type="checkbox"/>	Replace existing capital asset
<input type="checkbox"/>	Replace existing vehicle
<input type="checkbox"/>	Replace equipment
<input type="checkbox"/>	New infrastructure
<input type="checkbox"/>	New capital asset
<input type="checkbox"/>	New vehicle
<input type="checkbox"/>	New equipment
<input checked="" type="checkbox"/>	Strategic/Comprehensive/Master plan

(4) **BUDGET REQUEST BY YEAR:**

	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29-33
a. Land Acquisition						
b. Planning / Feasibility	68,075					
c. Design						
d. Construction						
e. Equipment/Vehicles						
f. Contingency						
g. Other						
TOTAL	68,075	-	-	-	-	-

(5) **PRIORITY:**

a.	<input type="checkbox"/>	health and safety	safety concern, hazardous condition, agency compliance, non-functional, etc
b.	<input type="checkbox"/>	level service maintenance	maintains City desired level of service

c.	economic development	adds to the City's economic vibrancy						
d.	service improvement	new or improved service to meet demand						
(6) EFFECTS ON ANNUAL OPERATING BUDGET:								
		FY 24	FY 25	FY 26	FY 27	FY 28	FY29	YEARS 29-33
Personnel								
Operating								
(7) PROPOSED FUNDING SOURCE(S):				(10) PROJECT OR EQUIPMENT LOCATION:				
1)	Free Cash					Citywide		
2)	Grants					(11) ASSET TYPE:		
3)						Study/Masterplan		
(7a) POTENTIAL GRANT FUNDING SOURCE IF APPLICABLE: (List source and matching requirements)								
EOEEA Planning Assistance Grant - \$50,000 via MAPC (Secured)								
(8) PROJECT LEAD NAME & CONTACT INFO: (ADDITIONAL PROJECT INFO AS NEEDED)								
Shawn Luz, sluz@framinghamma.gov, x4652								
(9) FINANCE DEPARTMENT NOTES:								

**CITY OF FRAMINGHAM
CAPITAL PROJECT/EQUIPMENT REQUEST - FY2024-2033 CIP**

DEPARTMENT:

DEPARTMENT PRIORITY:

(1) **PROJECT NAME:**
PROJECT STATUS:

(2) **PROJECT DESCRIPTION AND JUSTIFICATION:**

The requested funding will support the City's application for the next Green Communities Competitive Grant round in 2023 and assist the City in accelerating its implementation of cost effective energy efficiency and clean energy measures. Recent changes to the Green Communities Competitive Grant Program include a new type of measure, Building Decarbonization Projects, that can provide communities with significantly increased grant funding for more comprehensive energy conservation measures, but require a 25% municipal funding match.

As in prior years, CPFM will seek for the most cost-effective and highest-impact projects to maximize use of this funding. The Department is currently working on several projects, including retrocommissioning scoping, that will help it to identify ECMs for its next application.

PROJECT ADDITIONS/CHANGES JUSTIFICATION:

(3) **PURPOSE OF PROJECT:**

<input type="checkbox"/>	Replace existing infrastructure
<input checked="" type="checkbox"/>	Replace existing capital asset
<input checked="" type="checkbox"/>	Replace existing vehicle
<input checked="" type="checkbox"/>	Replace equipment
<input type="checkbox"/>	New infrastructure
<input type="checkbox"/>	New capital asset
<input type="checkbox"/>	New vehicle
<input type="checkbox"/>	New equipment
<input type="checkbox"/>	Strategic/Comprehensive/Master plan

(4) **BUDGET REQUEST BY YEAR:**

	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29-33
a. Land Acquisition						
b. Planning / Feasibility						
c. Design						
d. Construction						
e. Equipment/Vehicles						
f. Contingency						
g. Other	100,000					
TOTAL	100,000	-	-	-	-	-

(5) **PRIORITY:**

a. health and safety	safety concern, hazardous condition, agency compliance, non-functional, etc
b. level service maintenance	maintains City desired level of service
c. economic development	adds to the City's economic vibrancy
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(6) **EFFECTS ON ANNUAL OPERATING BUDGET:**

	FY 24	FY 25	FY 26	FY 27	FY 28	FY29	YEARS 29-33
Personnel							
Operating							

(7) **PROPOSED FUNDING SOURCE(S):**

-
-
-

(10) **PROJECT OR EQUIPMENT LOCATION:**

(11) **ASSET TYPE:**

(7a) **POTENTIAL GRANT FUNDING SOURCE IF APPLICABLE: (List source and matching requirements)**

(8) PROJECT LEAD NAME & CONTACT INFO: (ADDITIONAL PROJECT INFO AS NEEDED)
Shawn Luz, sluz@framinghamma.gov, x4652
(9) FINANCE DEPARTMENT NOTES:

**CITY OF FRAMINGHAM
CAPITAL PROJECT/EQUIPMENT REQUEST - FY2024-2033 CIP**

DEPARTMENT:

DEPARTMENT PRIORITY:

(1) **PROJECT NAME:**
PROJECT STATUS:

<p>(2) PROJECT DESCRIPTION AND JUSTIFICATION: <input type="text" value="The proposed project will result in the replacement of aging rooftop units at the DPW Headquarters with new, highly efficient HVAC equipment. The project is divided into two phases beginning with a project design for the rooftop. Proposed work through this project initially entailed the implementation of variable frequency drives (VFDs) on existing equipment with the purpose of achieving efficiency gains. Given the age and worsening condition of the existing R22 rooftop units, a recent assessment of the units identified that more cost effective operational and efficiency improvements could be made from replacing the equipment altogether."/> PROJECT ADDITIONS/CHANGES JUSTIFICATION: <input type="text" value="Updated costs reflect the change of scope of this project."/></p>	<p>(3) PURPOSE OF PROJECT:</p> <table border="0"> <tr><td><input type="checkbox"/></td><td>Replace existing infrastructure</td></tr> <tr><td><input checked="" type="checkbox"/></td><td>Replace existing capital asset</td></tr> <tr><td><input type="checkbox"/></td><td>Replace existing vehicle</td></tr> <tr><td><input type="checkbox"/></td><td>Replace equipment</td></tr> <tr><td><input type="checkbox"/></td><td>New infrastructure</td></tr> <tr><td><input type="checkbox"/></td><td>New capital asset</td></tr> <tr><td><input type="checkbox"/></td><td>New vehicle</td></tr> <tr><td><input type="checkbox"/></td><td>New equipment</td></tr> <tr><td><input type="checkbox"/></td><td>Strategic/Comprehensive/Master plan</td></tr> </table>	<input type="checkbox"/>	Replace existing infrastructure	<input checked="" type="checkbox"/>	Replace existing capital asset	<input type="checkbox"/>	Replace existing vehicle	<input type="checkbox"/>	Replace equipment	<input type="checkbox"/>	New infrastructure	<input type="checkbox"/>	New capital asset	<input type="checkbox"/>	New vehicle	<input type="checkbox"/>	New equipment	<input type="checkbox"/>	Strategic/Comprehensive/Master plan
<input type="checkbox"/>	Replace existing infrastructure																		
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<input type="checkbox"/>	New capital asset																		
<input type="checkbox"/>	New vehicle																		
<input type="checkbox"/>	New equipment																		
<input type="checkbox"/>	Strategic/Comprehensive/Master plan																		

(4) **BUDGET REQUEST BY YEAR:**

	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29-33
a. Land Acquisition						
b. Planning / Feasibility						
c. Design	60,000					
d. Construction			608,000			
e. Equipment/Vehicles						
f. Contingency						
g. Other						
TOTAL	60,000	-	608,000	-	-	-

(5) **PRIORITY:**

a. <input type="checkbox"/>	health and safety	safety concern, hazardous condition, agency compliance, non-functional, etc
b. <input type="checkbox"/>	level service maintenance	maintains City desired level of service
c. <input type="checkbox"/>	economic development	adds to the City's economic vibrancy
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(6) **EFFECTS ON ANNUAL OPERATING BUDGET:**

	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	YEARS 29-33
Personnel							
Operating							

(7) **PROPOSED FUNDING SOURCE(S):**

-
-
-

(10) **PROJECT OR EQUIPMENT LOCATION:**

(11) **ASSET TYPE:**

(7a) **POTENTIAL GRANT FUNDING SOURCE IF APPLICABLE: (List source and matching requirements)**

(8) **PROJECT LEAD NAME & CONTACT INFO: (ADDITIONAL PROJECT INFO AS NEEDED)**

(9) **FINANCE DEPARTMENT NOTES:**

**CITY OF FRAMINGHAM
CAPITAL PROJECT/EQUIPMENT REQUEST - FY2024-2033 CIP**

DEPARTMENT:

DEPARTMENT PRIORITY:

(1) **PROJECT NAME:**

PROJECT STATUS:

<p>(2) PROJECT DESCRIPTION AND JUSTIFICATION:</p> <div style="border: 1px solid black; padding: 5px;"> <p>The project is in 2 phases for the roof replacement, first phase design of the roof and second phase the construction of the roof. The EPDM roofing systems is 29 years old and at the end of its useful service life. Station #7 roof is challenged with drainage/slope problems on both the upper and lower roof and are accelerating the problems with these roof areas. The roof replacement and drainage improvements should be considered a priority before larger scale masonry problems develop in various areas. Re-roofing will also provide the City the ability to upgrade the insulation on the roof deck to lower energy consumption.</p> </div> <p>PROJECT ADDITIONS/CHANGES JUSTIFICATION:</p> <input type="text"/>	<p>(3) PURPOSE OF PROJECT:</p> <table border="0"> <tr><td><input type="checkbox"/></td><td>Replace existing infrastructure</td></tr> <tr><td><input checked="" type="checkbox"/></td><td>Replace existing capital asset</td></tr> <tr><td><input type="checkbox"/></td><td>Replace existing vehicle</td></tr> <tr><td><input type="checkbox"/></td><td>Replace equipment</td></tr> <tr><td><input type="checkbox"/></td><td>New infrastructure</td></tr> <tr><td><input type="checkbox"/></td><td>New capital asset</td></tr> <tr><td><input type="checkbox"/></td><td>New vehicle</td></tr> <tr><td><input type="checkbox"/></td><td>New equipment</td></tr> <tr><td><input type="checkbox"/></td><td>Strategic/Comprehensive/Master plan</td></tr> </table>	<input type="checkbox"/>	Replace existing infrastructure	<input checked="" type="checkbox"/>	Replace existing capital asset	<input type="checkbox"/>	Replace existing vehicle	<input type="checkbox"/>	Replace equipment	<input type="checkbox"/>	New infrastructure	<input type="checkbox"/>	New capital asset	<input type="checkbox"/>	New vehicle	<input type="checkbox"/>	New equipment	<input type="checkbox"/>	Strategic/Comprehensive/Master plan
<input type="checkbox"/>	Replace existing infrastructure																		
<input checked="" type="checkbox"/>	Replace existing capital asset																		
<input type="checkbox"/>	Replace existing vehicle																		
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<input type="checkbox"/>	New infrastructure																		
<input type="checkbox"/>	New capital asset																		
<input type="checkbox"/>	New vehicle																		
<input type="checkbox"/>	New equipment																		
<input type="checkbox"/>	Strategic/Comprehensive/Master plan																		

(4) **BUDGET REQUEST BY YEAR:**

	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29-33
a. Land Acquisition						
b. Planning / Feasibility						
c. Design	25,000					
d. Construction		245,000				
e. Equipment/Vehicles						
f. Contingency						
g. Other						
TOTAL	25,000	245,000	-	-	-	-

(5) **PRIORITY:**

a. <input type="checkbox"/> health and safety	safety concern, hazardous condition, agency compliance, non-functional, etc
b. <input type="checkbox"/> level service maintenance	maintains City desired level of service
c. <input type="checkbox"/> economic development	adds to the City's economic vibrancy
d. <input type="checkbox"/> service improvement	new or improved service to meet demand

(6) **EFFECTS ON ANNUAL OPERATING BUDGET:**

	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	YEARS 29-33
Personnel							
Operating							

(7) **PROPOSED FUNDING SOURCE(S):**

- 1)
- 2)
- 3)

(10) **PROJECT OR EQUIPMENT LOCATION:**
(11) **ASSET TYPE:**

(7a) **POTENTIAL GRANT FUNDING SOURCE IF APPLICABLE: (List source and matching requirements)**

(8) **PROJECT LEAD NAME & CONTACT INFO: (ADDITIONAL PROJECT INFO AS NEEDED)**

(9) **FINANCE DEPARTMENT NOTES:**

**CITY OF FRAMINGHAM
CAPITAL PROJECT/EQUIPMENT REQUEST - FY2024-2033 CIP**

DEPARTMENT:

DEPARTMENT PRIORITY:

(1) **PROJECT NAME:**
PROJECT STATUS:

(2) **PROJECT DESCRIPTION AND JUSTIFICATION:**

PROJECT ADDITIONS/CHANGES JUSTIFICATION:

(3) **PURPOSE OF PROJECT:**

<input type="checkbox"/>	Replace existing infrastructure
<input checked="" type="checkbox"/>	Replace existing capital asset
<input type="checkbox"/>	Replace existing vehicle
<input type="checkbox"/>	Replace equipment
<input type="checkbox"/>	New infrastructure
<input type="checkbox"/>	New capital asset
<input type="checkbox"/>	New vehicle
<input type="checkbox"/>	New equipment
<input type="checkbox"/>	Strategic/Comprehensive/Master plan

(4) **BUDGET REQUEST BY YEAR:**

	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29-33
a. Land Acquisition						
b. Planning / Feasibility						
c. Design	120,000					
d. Construction		1,330,645				
e. Equipment/Vehicles						
f. Contingency						
g. Other						
TOTAL	120,000	1,330,645	-	-	-	-

(5) **PRIORITY:**

a. <input type="checkbox"/>	health and safety	safety concern, hazardous condition, agency compliance, non-functional, etc
b. <input type="checkbox"/>	level service maintenance	maintains City desired level of service
c. <input type="checkbox"/>	economic development	adds to the City's economic vibrancy
d. <input type="checkbox"/>	service improvement	new or improved service to meet demand

(6) **EFFECTS ON ANNUAL OPERATING BUDGET:**

	FY 24	FY 25	FY 26	FY 27	FY 28	FY29	YEARS 29-33
Personnel							
Operating							

(7) **PROPOSED FUNDING SOURCE(S):**

-
-
-

(10) **PROJECT OR EQUIPMENT LOCATION:**

(11) **ASSET TYPE:**

(7a) **POTENTIAL GRANT FUNDING SOURCE IF APPLICABLE: (List source and matching requirements)**

(8) **PROJECT LEAD NAME & CONTACT INFO: (ADDITIONAL PROJECT INFO AS NEEDED)**

(9) **FINANCE DEPARTMENT NOTES:**

TOWN OF FRAMINGHAM	1226	Original Construction Date	27,175	Total Roof Square Footage	7	Roof Levels/Stories	1995	Most Recent Roof Replacement	18	Current Roof Age	CONDITION NARRATIVE	Roofing Warranty Expiration Date	Whitman & Howard	Resigner of Record (Roofing Project)	2020	Roof Replacement (Target Year)	Approximate Construction Estimate	\$1,049,076	Engineering Fee Estimate (7.5%)	Combined Estimate	\$1,131,874		
<p>Roof systems at this site were replaced in 1995, in a combined/single project. No active leakage issues are reported at this site, to our knowledge. All roof areas are suffering from a lack-of-maintenance and improperly-installed roof/conduit penetrations. The protective coating on sloped roof over the auditorium is badly in need of restorative coating & general maintenance. Masonry walls rising above the roof surfaces are in very poor condition and pose a risk of leakage and roof system damage.</p>	2010																						

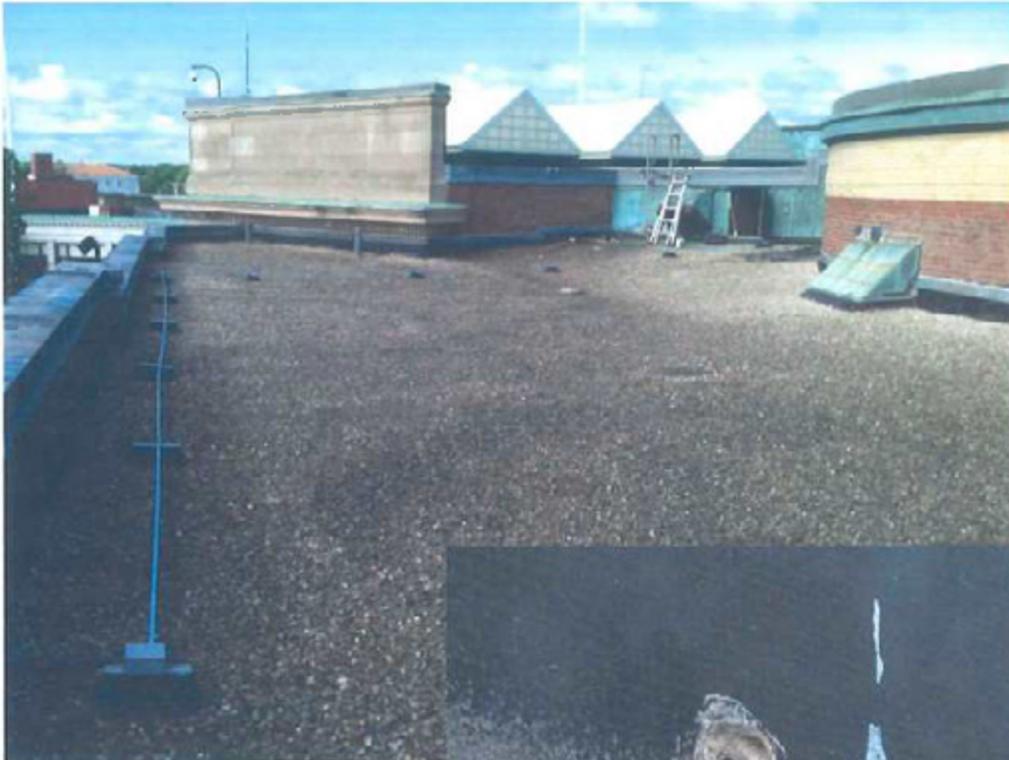
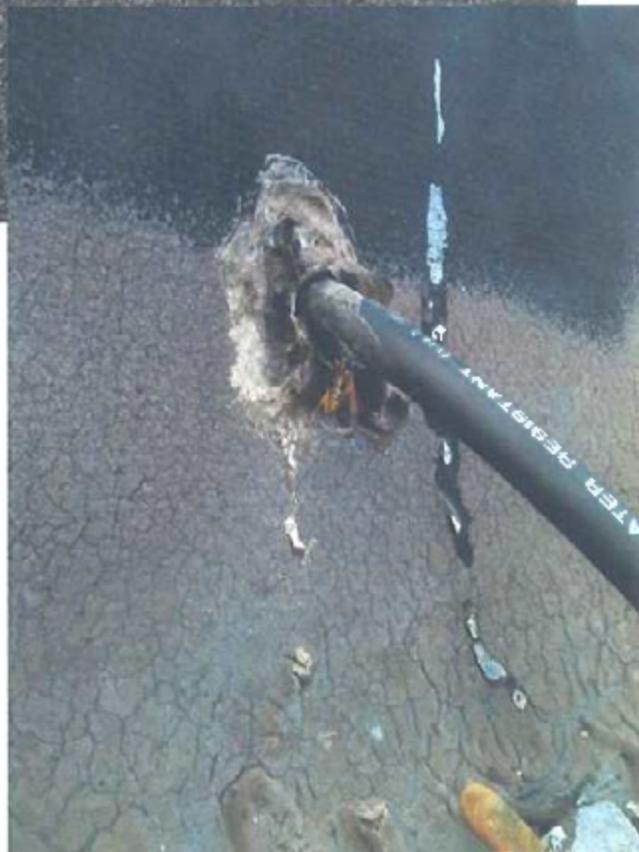


PHOTO #1 - View of Main East Roof looking towards Upper South Roof. Note electrical conduit run over roof surface (Above).

PHOTO #2 - Electrical has been fed in through flashing causing openings in roof flashing as indicated by bee entering wall flashing (Right).



Town of Framingham Roof Survey
Memorial Building - 150 Concord Street



PHOTO #3 - View of Upper Stage and Auditorium Roof looking north at Elevator Roof and rusted gravity vent (Above).

PHOTO #4 - Note open masonry joints prevalent in stage masonry wall (Above) and at masonry wall of Auditorium (Right)



Town of Framingham Roof Survey
Memorial Building – 150 Concord Street



PHOTO #5 - Overview of Main West Roof showing skylight and rising Auditorium curved masonry wall (Above).

PHOTO #6 - Overview of lower roof. Note recently repaired roof drain (Right).



Town of Framingham Roof Survey
Memorial Building – 150 Concord Street



PHOTO #7 - Copper cladding and roof access door in sidewall of Upper South Roof (Above). Note accumulation of debris on roof surface and on Upper South Roof (Below) **PHOTO #8**.



Town of Framingham Roof Survey
Memorial Building – 150 Concord Street



PHOTO #9 - Overview of Upper South Roof and skylights as seen from Auditorium Roof (Above). Note that Auditorium Roof coating has weathered and is in need of re-coating.

Photo #10 - The perimeter "gutter" has areas where drainage is blocked and is causing vegetation to grow in areas of standing water (Right). Membrane has deteriorated in these spots as indicated below (**Photo #11**)



Town of Framingham Roof Survey
Memorial Building – 150 Concord Street



PHOTO #12 - Curved Auditorium Roof and rising curved masonry walls. Upper Stage Roof and rising stage wall seen in background (Above).

PHOTO #13 – Close-up of open masonry joints in rising Auditorium Walls (Right). Note that red brick mortar appears in much worse shape than yellow brick mortar.



Town of Framingham Roof Survey
Memorial Building – 150 Concord Street



PHOTO #14 - Rusted gravity vent and masonry chimney construction on Upper Stage Roof. Note cable runs over roof surface and into gravity vent (Above).

PHOTO #15 - Masonry Chimney is missing flashing at gravity vent (both sides) and is in need of re-pointing of mortar joints (Right).



Town of Framingham Roof Survey
Memorial Building – 150 Concord Street



PHOTO #16 – Upper Stage Roof small parapet has opening in corner of base flashing which should be repaired (Above). **PHOTO #17** - Reinforcing is also visible at corners, which should be re-coated with mastic (Right). This condition is typical of all corner flashing and any flashing joints at all roof levels. **PHOTO #18** - Field of Upper Stage Roof has a blister which should be cut out and new plies stripped in (Below).



**CITY OF FRAMINGHAM
CAPITAL PROJECT/EQUIPMENT REQUEST - FY2024-2033 CIP**

DEPARTMENT:

DEPARTMENT PRIORITY:

(1) PROJECT NAME:
PROJECT STATUS:

(2) PROJECT DESCRIPTION AND JUSTIFICATION:

This project will result in the adoption of electric vehicles (EVs) within the municipal fleet to replace inefficient internal combustion engine vehicles as well as the deployment of associated electric vehicle charging infrastructure to facilitate fleet and public EV charging. Building upon the City's implementation of the Municipal Fleet Efficiency Policy which prioritizes the adoption of electric and alternative fuel vehicles, this initial phase of fleet electrification will directly contribute to reductions in municipal energy consumption, greenhouse gas emissions, and maintenance costs. The City will pursue grant funding and incentive programs to support the project, such as through the prospective second

(3) PURPOSE OF PROJECT:

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

PROJECT ADDITIONS/CHANGES JUSTIFICATION:

This project has been restructured and encompasses new EV charging station locations and proposed vehicles.

(4) BUDGET REQUEST BY YEAR:

	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29-33
a. Land Acquisition						
b. Planning / Feasibility						
c. Design						
d. Construction	260,000					
e. Equipment/Vehicles	171,000					
f. Contingency						
g. Other						
TOTAL	431,000	-	-	-	-	-

(5) PRIORITY:

- a. **health and safety** safety concern, hazardous condition, agency compliance, non-functional, etc
- b. **level service maintenance** maintains City desired level of service
- c. **economic development** adds to the City's economic vibrancy
- d. **service improvement** new or improved service to meet demand

(6) EFFECTS ON ANNUAL OPERATING BUDGET:

	FY 24	FY 25	FY 26	FY 27	FY 28	FY29	YEARS 29-33
Personnel							
Operating							

(7) PROPOSED FUNDING SOURCE(S):

- 1)
- 2)
- 3)

(10) PROJECT OR EQUIPMENT LOCATION:

(11) ASSET TYPE:

(7a) POTENTIAL GRANT FUNDING SOURCE IF APPLICABLE: (List source and matching requirements)

(8) PROJECT LEAD NAME & CONTACT INFO: (ADDITIONAL PROJECT INFO AS NEEDED)

(9) FINANCE DEPARTMENT NOTES:

Supporting Documents:

Statement 1	Fleet Electrification Initiative - EV Infr
Statement 2	Fleet Electrification Initiative - Project
Statement 3	
Statement 4	
Statement 5	
Statement 6	
Statement 7	
Statement 8	

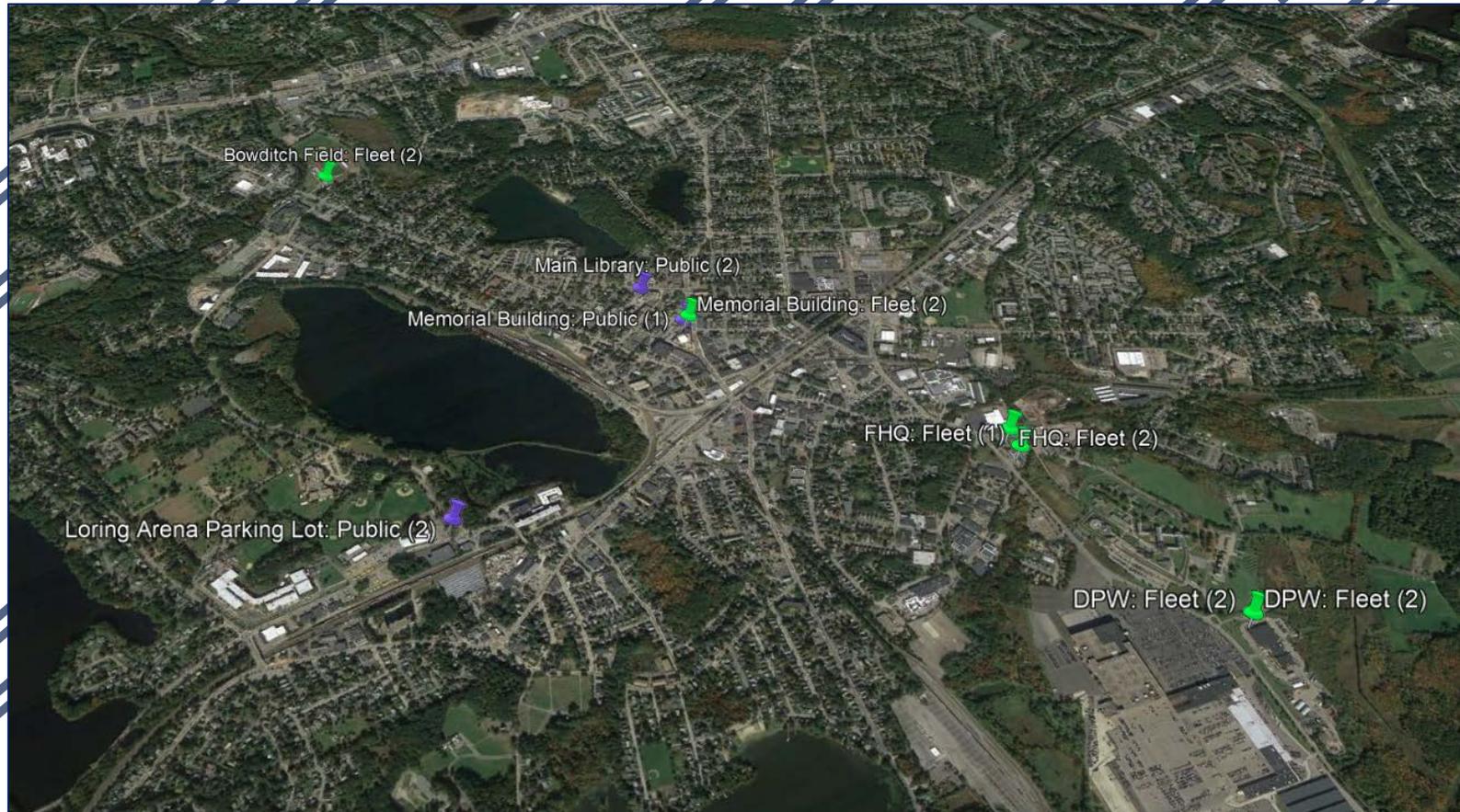
Fleet Electrification Initiative

Project Budget

EV Charging Stations & Infrastructure				Vehicles					Projected Grant Funding / Incentives	Projected Total Cost	Projected Net Cost
Location	Proposed Solution	Purpose	Total Budget	Budgeted Model	Count	Department	Total Vehicle Cost				
Memorial Building	1 Dual 1 Single	Fleet / Public	\$20,745	Chevy Bolt EUV	2	Inspectional Services	\$68,390	\$21,662			
Fire Station #3	1 Dual 1 Single	Fleet	\$22,465	Chevy Bolt EUV	1	Fire Department	\$34,195	\$16,108			
DPW HQ	2 Dual Port	Fleet	\$25,814	Chevy Bolt EUV	1	DPW	\$34,195	\$12,513			
Loring Arena	1 Dual Port	Public	\$57,500	N/A	0	N/A	\$0	\$28,750			
Main Library	1 Dual Port	Public	\$57,500	N/A	0	N/A	\$0	\$57,500			
Bowditch Field	1 Dual Port	Fleet / Public	\$75,000	Chevy Bolt EUV	1	Parks	\$34,195	\$45,000			
Total	16 Ports		\$259,024		5		\$170,975	\$181,533	\$429,999	\$248,466	

Fleet Electrification Initiative

EV Infrastructure Locations



Primary Station Use

-  Fleet
-  Public

**CITY OF FRAMINGHAM
CAPITAL PROJECT/EQUIPMENT REQUEST - FY2024-2033 CIP**

DEPARTMENT:

DEPARTMENT PRIORITY:

(1) **PROJECT NAME:**
PROJECT STATUS:

<p>(2) PROJECT DESCRIPTION AND JUSTIFICATION:</p> <div style="border: 1px solid black; padding: 5px; min-height: 150px;"> Design for Repair/Replace roofs at DPW facilities 100 & 110 Western Ave and communications building at 400 Brimstone Lane </div> <p>PROJECT ADDITIONS/CHANGES JUSTIFICATION:</p> <input type="text" value="Deferred from prior CIP"/>	<p>(3) PURPOSE OF PROJECT:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td align="center"><input checked="" type="checkbox"/></td><td>Replace existing infrastructure</td></tr> <tr><td align="center"><input checked="" type="checkbox"/></td><td>Replace existing capital asset</td></tr> <tr><td align="center"><input type="checkbox"/></td><td>Replace existing vehicle</td></tr> <tr><td align="center"><input type="checkbox"/></td><td>Replace equipment</td></tr> <tr><td align="center"><input type="checkbox"/></td><td>New infrastructure</td></tr> <tr><td align="center"><input type="checkbox"/></td><td>New capital asset</td></tr> <tr><td align="center"><input type="checkbox"/></td><td>New vehicle</td></tr> <tr><td align="center"><input type="checkbox"/></td><td>New equipment</td></tr> <tr><td align="center"><input type="checkbox"/></td><td>Strategic/Comprehensive/Master plan</td></tr> </table>	<input checked="" type="checkbox"/>	Replace existing infrastructure	<input checked="" type="checkbox"/>	Replace existing capital asset	<input type="checkbox"/>	Replace existing vehicle	<input type="checkbox"/>	Replace equipment	<input type="checkbox"/>	New infrastructure	<input type="checkbox"/>	New capital asset	<input type="checkbox"/>	New vehicle	<input type="checkbox"/>	New equipment	<input type="checkbox"/>	Strategic/Comprehensive/Master plan
<input checked="" type="checkbox"/>	Replace existing infrastructure																		
<input checked="" type="checkbox"/>	Replace existing capital asset																		
<input type="checkbox"/>	Replace existing vehicle																		
<input type="checkbox"/>	Replace equipment																		
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<input type="checkbox"/>	New capital asset																		
<input type="checkbox"/>	New vehicle																		
<input type="checkbox"/>	New equipment																		
<input type="checkbox"/>	Strategic/Comprehensive/Master plan																		

(4) **BUDGET REQUEST BY YEAR:**

	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29-33
a. Land Acquisition						
b. Planning / Feasibility						
c. Design	50,000					
d. Construction		240,000				
e. Equipment/Vehicles						
f. Contingency						
g. Other						
TOTAL	50,000	240,000	-	-	-	-

(5) **PRIORITY:**

a.	health and safety	safety concern, hazardous condition, agency compliance, non-functional, etc
b.	level service maintenance	maintains City desired level of service
c.	economic development	adds to the City's economic vibrancy
d.	service improvement	new or improved service to meet demand

(6) **EFFECTS ON ANNUAL OPERATING BUDGET:**

	FY 24	FY 25	FY 26	FY 27	FY 28	FY29	YEARS 29-33
Personnel							
Operating							

<p>(7) PROPOSED FUNDING SOURCE(S):</p> <ol style="list-style-type: none"> 1) Bond 2) <input type="text"/> 3) <input type="text"/> 	<p>(10) PROJECT OR EQUIPMENT LOCATION:</p> <input type="text" value="Western Ave, Brimstone Lane"/> <p>(11) ASSET TYPE:</p> <input type="text"/>
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(7a) **POTENTIAL GRANT FUNDING SOURCE IF APPLICABLE: (List source and matching requirements)**

(8) **PROJECT LEAD NAME & CONTACT INFO: (ADDITIONAL PROJECT INFO AS NEEDED)**

(9) **FINANCE DEPARTMENT NOTES:**