

# MAPC's Application to USDOT Charging and Fueling Infrastructure Discretionary Grant Program

Electric Vehicle Infrastructure Coordinating Council



*Thursday, July 27, 2023*



# Charging and Fueling Infrastructure Discretionary Grant Program

## Program Overview

- New competitive grant program created by Bipartisan Infrastructure Law.
- Strategically deploy publicly accessible electric vehicle charging and alternative fueling infrastructure projects in urban and rural communities, including downtown areas and local neighborhoods, particularly in underserved and disadvantaged communities.
- This program provides two funding categories of grants:
  - (1) Community Charging and Fueling Grants (Community Program)
  - (2) Alternative Fuel Corridor Grants (Corridor Program)

## Available Funding

- \$2.5 billion over five years
- Up to \$700 million for Fiscal Years 2022 and 2023.

## Submission Deadline

June 13, 2023



# Charging and Fueling Infrastructure Discretionary Grant Program

The Metropolitan Area Planning Council (MAPC) submitted a discretionary grant on behalf of **ten municipalities that have Justice40 communities** in Greater Boston.

- |              |              |
|--------------|--------------|
| • Cambridge  | • Malden     |
| • Chelsea    | • Revere     |
| • Everett    | • Quincy     |
| • Framingham | • Somerville |
| • Lynn       | • Winthrop   |

- Plan for and deploy EV charging infrastructure located in **publicly accessible parking lots** (both publicly and privately owned depending on the neighborhood) and **curbside**, in close proximity to **dense areas of multi-family housing** with **limited off-street parking**.
- Includes a **strategy to support EV carsharing** in selected sub-areas of these municipalities.
- **MAPC will contract with and pass funding to each municipality** to oversee implementation (site design, permitting, procurement of a turn-key provider, and community education/outreach).

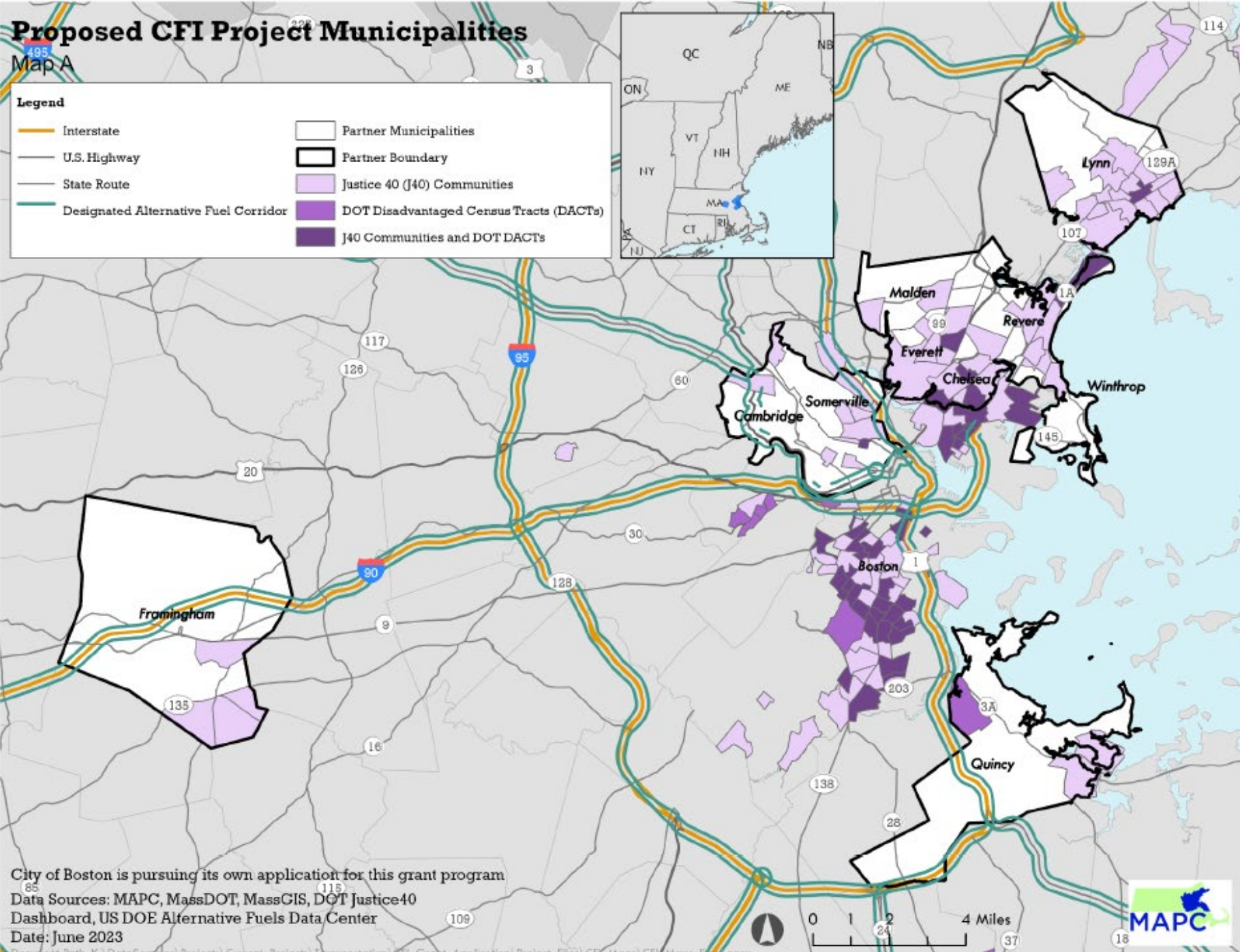


# Proposed CFI Project Municipalities

Map A

**Legend**

- Interstate
- U.S. Highway
- State Route
- Designated Alternative Fuel Corridor
- Partner Municipalities
- Partner Boundary
- Justice 40 (J40) Communities
- DOT Disadvantaged Census Tracts (DACTs)
- J40 Communities and DOT DACTs



City of Boston is pursuing its own application for this grant program  
Data Sources: MAPC, MassDOT, MassGIS, DOT Justice40  
Dashboard, US DOE Alternative Fuels Data Center  
Date: June 2023  
Document Path: K:\DataServices\Projects\Current\_Projects\Transportation\CFI Grant Application\Project\_Files\CFI\_Maps\CFI\_Maps\_Frank.aprx



## Infrastructure Program

MAPC proposes a program to install, operate, and maintain approximately **295 Level 2 charging stations** (off-street and curbside) and **25 Level 3 charging stations** (off-street) by targeted deployment and equitable distribution within the ten municipalities.

## Grant Request

CFI Grant Request: \$15 million (80%)

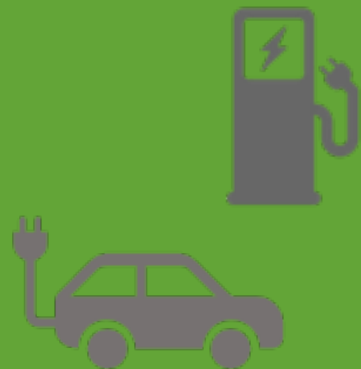
Non-federal match: \$3.75 million (20%)

**Budget Total: \$18.75 million**

## Timeline

**Approximately 5 years**

Start in first quarter of calendar year 2024 and complete by end of calendar year 2028.



# Program Tasks

Task 1: Grant Oversight and Administration – *Budget 4-5%*

Task 2: Suitability Analysis, Site Selection, and Design – *Budget 7%*

Task 3: Vendor Installation/Construction and EVSE Turn-Key Provider Procurement – *Budget 72-85%*

Task 4: Community Education and Outreach – *Budget 5%*

Task 5: Post Project Analysis – *Budget <1 %*

