



SFMTA

Curbside Electric Vehicle Charging

Establishing a Permit Program

Board of Supervisors Land Use and Transportation Committee

April 13, 2026

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Broderick Paulo, Planner, Parking and Curb Management

Requesting Board of Supervisors Approval

- ❖ Amend the Administrative Code to authorize the SFMTA to establish a permanent curbside electric vehicle (EV) charging station program
 - Authorize the SFMTA to issue permits to allow the installation and operation of curbside EV charging stations on City sidewalks
 - Waive the requirement to obtain an encroachment permit from the Department of Public Works
- ❖ Amend the Public Works Code to reflect the authority of the SFMTA to issue site permits for the curbside EV charging station program
- ❖ Affirm the Planning Department's determination under the California Environmental Quality Act

SFMTA's Clean Air Initiatives

Curbside EV Charging Permit Program is one important aspect of the overall agency commitment to clean air

- ❖ **Muni fleet:** Muni runs the greenest fleet in North America, emitting <2% of transportation sector emissions
- ❖ **EV charging is expanding in SFMTA's off-street facilities:** public, off-street parking stalls will increase from 110 to 350 by the end of 2027
- ❖ **Non-revenue fleet:** SFMTA to install 140 chargers for our non-revenue vehicle fleet, in partnership with City Administrator's office (\$5M CA Energy Commission grant)

Curbside EV Charging Program Goals

- ❖ **Program Goal:** Curbside EV Charging program has a goal to install ~100 chargers by 2030
 - This is one part of the City's commitment to reaching our north star goal of 100% private Zero-Emission Vehicles by 2040
- ❖ **Increasing Access:** Curbside EV charging is intended to fill a gap by offering an option similar to 'at-home' charging for the majority of San Franciscans who rent or live in multifamily housing



Urban EV is set to install 5 chargers in the Dogpatch area

Photo source:
smartchargeamerica.com

Background

- ❖ SF Climate Action Plan and EV Roadmap support equitable access
- ❖ Feasibility Study examined curbside charging challenges
- ❖ 2024 Pilot Program tested real-world solutions
 - Three Pilot vendors



Photo source: it's electric



it's electric installation in Duboce Triangle with Board President Mandelman

Photo source: Broderick Paulo

Demonstration Pilot

- ❖ **Helped establish the foundation for a future permanent program**
- ❖ **Tested multiple technological solutions** and collected data including the following lessons learned:
 - **Complex permit structure:** Processes span multiple City agencies, involve state and federal requirements, and are often time-consuming
 - **Challenging site selection:** Limited curb space and dense built conditions
 - **Critical need for community engagement:** Neighborhood input significantly affects feasibility and acceptance
 - **Grid access and readiness:** Utility coordination is complex
 - **Pole-mounted technology** may not be broadly feasible at this time
- ❖ **Three approved vendors and their approaches:**
 - *it's electric* — Bring-your-own-cord model with power from fronting property
 - *Urban EV* — Pedestal-mounted charger with new utility service
 - *Voltpost* — Utility pole-mounted charger
- ❖ **All providers identified their proposed sites** and covered 100% of the costs to install, energize, own, and operate the chargers

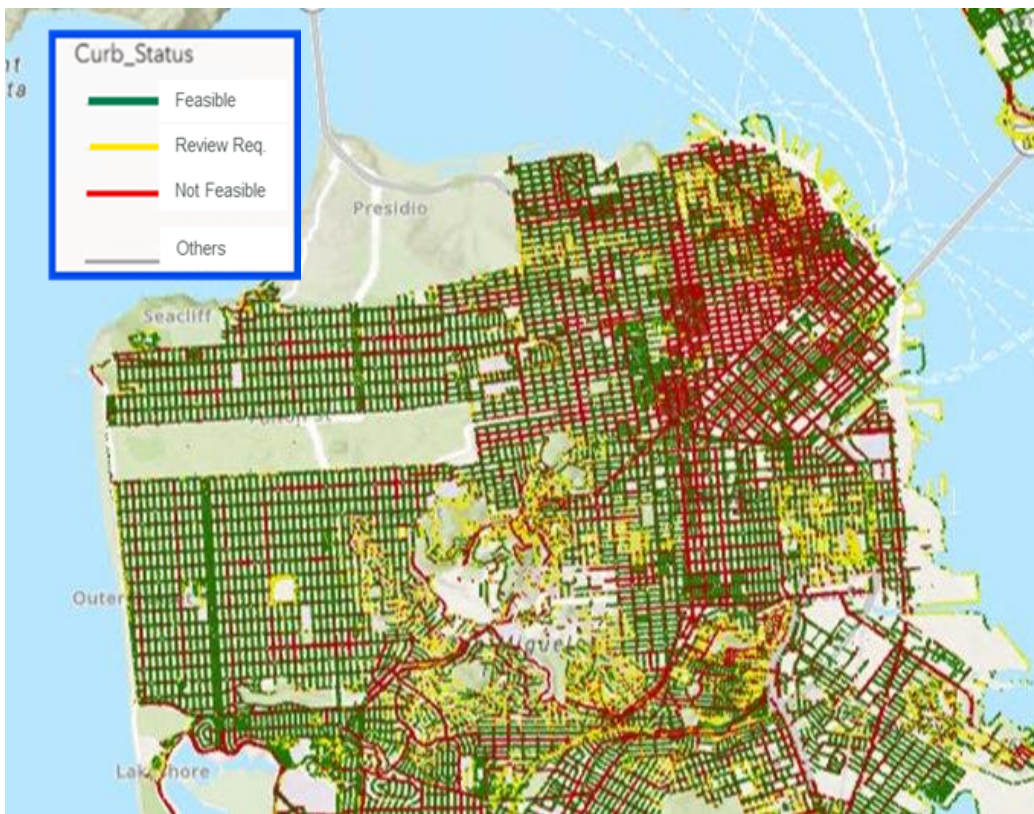
Permit Program Efficiencies

- ❖ Create a legible and welcoming entry point for operators
- ❖ Provide clear requirements and technical support
- ❖ Build on lessons learned from the demonstration Pilot and use existing documents as templates
- ❖ Continue cross-agency collaboration with SFE, SFPW, SFPUC
- ❖ Achieve efficiencies where possible
 - SFMTA to issue site permit, if authority delegated by BOS
 - SFMTA to assess site accessibility
 - Designation of EV charging stalls delegated to the SFMTA Director of Transportation or her designee
 - Develop an interactive mapping tool to provide block level information regarding potential EV charging sites

Permit Program Design

- ❖ Competitive application process
- ❖ SFMTA will approve and permit qualified operators and sites
- ❖ Once approved, successful operators need to obtain site-specific permits, as needed, through partner agencies (PW, DBI, PUC)
- ❖ Community outreach required for proposed sites
- ❖ Operator responsible for construction and establishing electrical service interconnection after obtaining final permit sign-off

Potential Sites for Curbside EV Chargers



Mapping Tool with legend:
City view and
street level view

Excluded areas: Daylighting zones, Muni stops, color curbed areas, Class I and IV bike lanes, narrow sidewalks under eight feet, and future separated bikeway corridors (additional criteria to be added)



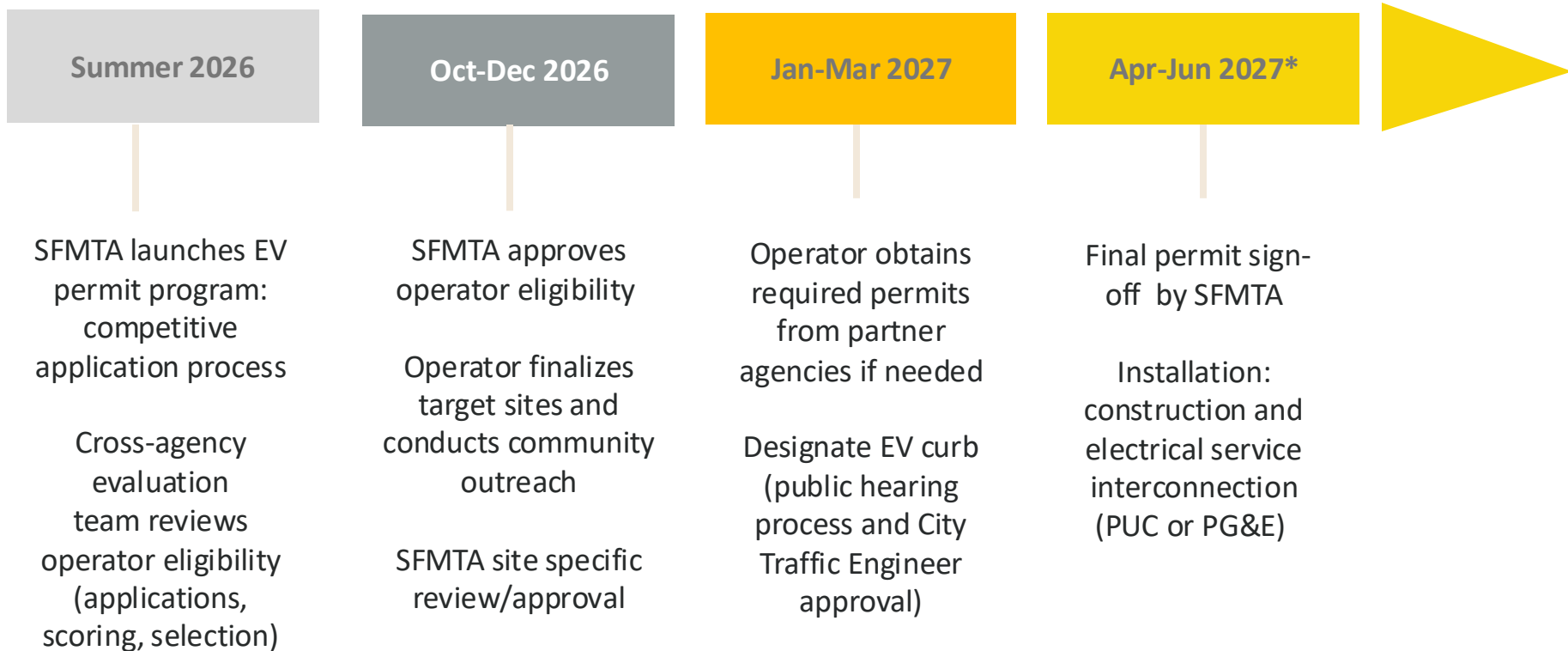
Key Milestones and Timeline

- ❖ BOS legislation introduced on March 10th
- ❖ SFMTA Board approved the Permit Program on April 7th, effective pending BOS approval
- ❖ BOS legislation authorizing the SFMTA to establish the Curbside EV Charging Program: Land Use Committee on April 13th
- ❖ BOS 1st vote on April 21st and 2nd vote on April 28th
- ❖ Launch competitive application process: Summer 2026



Supporter of EV holding up a sign on the steps of City Hall.
Photo source: KRON SF

Curbside Charging Program Timeline



*timeline could be longer depending on electrical service connection, which the SFMTA does not control

Questions