

Zero Emission Vehicle Action Plan Update

OAKLAND DEPARTMENT OF
TRANSPORTATION – AUGUST 2022



Introduction

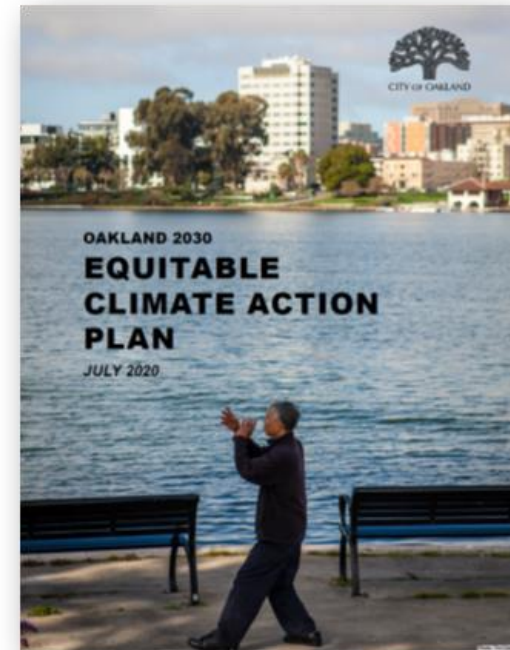


**Michael Randolph
Lead, Zero Emission
Vehicle Action Plan**

Exhibit D

Review – Why do we need a Zero Emission Vehicle Action Plan?

- Governor Newsom's Executive Order N-79-20
- Oakland's Equitable Climate Action Plan (ECAP)
- The inequity of Electric Vehicle Charging in Oakland



Cover for the Oakland
2030 Equitable
Climate Action plan

Review – Public Outreach

- Community Workshops in Fruitvale and West Oakland in Summer and Fall 2021
- Stakeholder Meetings on different Zero Emission Topics
- Survey and Interactive Online Map
- Other community events: Akoma Market, Lion Creek Crossing



City of Oakland staff
and Spanish Speaking
Citizen's Foundation
presents at a
workshop in Fruitvale

ZEV Action Plan Topics

- City Leadership
- Existing & Multi-family Buildings
- Public & Curbside EV Charging
- Medium- and Heavy-Duty Fleets
- Electric Micromobility (E-scooters and E-bikes)
- ZEV Economy

Plan Timeline

- Project Kickoff: Nov 2019
- Outreach Phase: Nov 2020 – Fall 2021
- Draft Plan released for public comment: April & May 2022
- Present Plan to Public Works Committee: September 27th 2022

Review Electric Vehicle Charging and Accessibility

- If available for use by the general public, Electric Charging must be accessible to individuals with disabilities [**ADA Title II**]
- Accessible route requirements connecting EV space to charger
- Overall number of spaces correlates to a minimum number of van accessible, standard accessible and ambulatory spaces

Electric Vehicle Charging and Accessibility – US Access Board Updates (7/21/2022)

- New guidelines have been published for Accessible Electric Vehicle Charging Stations : <https://www.access-board.gov/ta/tad/ev/>
- More comprehensive than California Building Code requirements
- Charging is not parking – number of accessible charging spaces is separate from required accessible parking
- Guidelines for public-right of way, facilities, fleets, communication features, charging cables, and connectors

Example ZEV Actions

- Support ZEV Education and Awareness in Underserved Communities (City Leadership)
- Develop An “EV-Ready” Ordinance For Major Retrofits And Property Transfers (Existing & Multifamily Buildings)
- Develop and Implement a Program to Deploy EV Charging Infrastructure in Frontline Communities (Public & Curbside Charging)

Example ZEV Actions

- Develop A Zero-Emission Delivery Zone Pilot Program (Medium- and Heavy Duty Fleets)
- Create and Expand an E-bike Lending Library (Electric Micromobility)
- Incentivize Promotion Of Adaptive E-Micromobility Devices For Persons With Disabilities (Electric Micromobility)
- Fund and Conduct a Local Economic Assessment for the ZEV Transition (ZEV Economy)

Questions?

- For more info, visit: <https://www.oaklandca.gov/projects/zero-emission-vehicle-action-plan>
- My Email: Mrandolph@oaklandca.gov