

Planning, Building and Transportation Department

2023 Annual Reports General Plan, Transportation, & CARP

City Council

March 19, 2024



2023

General Plan
+
Housing Element
Annual Report





01

ORGANIZATION + THEMES OF THE GENERAL PLAN

Organization and Themes of the General Plan introduces the General Plan objectives and purposes, and the main themes that run through all Elements of the Plan.

02

LAND USE + CITY DESIGN ELEMENT

The Land Use and City Design Element addresses the use, preservation and development of land and facilities in Alameda consistent with local and regional goals to sustain a high quality of life in Alameda and the region for future generations.

03

CONSERVATION + CLIMATE ACTION ELEMENT

The Conservation and Climate Action Element addresses global and local climate change and the conservation of Alameda's unique natural environment.

04

MOBILITY ELEMENT

The Mobility Element addresses mobility and transportation needs essential to a high quality of life and an economically vital community.

05

OPEN SPACE + PARKS ELEMENT

The Open Space and Parks Element addresses the management, improvement, and expansion of public open space and park lands.

06

HEALTH + SAFETY ELEMENT

The Health and Safety Element addresses the needs to reduce the risk of death, injuries, property damage, and environmental degradation, economic and social dislocation from natural and man-made hazards and protect the population from harmful materials, noise, air quality, flooding and other environmental hazards.

07

HOUSING ELEMENT

The Housing Element addresses the maintenance, improvement, and expansion of housing opportunities in Alameda consistent with local and regional housing needs. The Housing Element is currently being updated and will be added in 2022. To review the 2014 Housing Element go to www.alameda2040.org or www.alamedaca.gov/Departments/Planning-Building-and-Transportation/Planning-Division/General-Plan.



Housing Construction

RHNA	2015-2022	2023-2031
Total Allocation	1,723	5,353
Actual Built	2,449	141 so far
Affordable Alloc.	975	3,107
Actual Built	533	47 so far

- Priority Development Areas
- Transit Priority Areas
- Resource Opportunity Areas
- Housing Incentive Program
- ProHousing Designation

Planning Division Work Plan

2023 Accomplishments

- Updated Objective Design Review Standards
- Drafted Update to Subdivision Ordinance
- Permits for North Housing
- RESHAP / West Midway
- Alameda Marina Master Plan Amendment



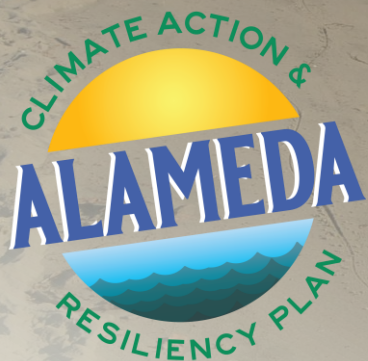
Planning Division Work Plan

2024 Program Goals

- Begin Inclusionary Ordinance Update
- Begin Short Term Rental Ordinance
- Universal Design Ordinance Update
- Periodic Zoning Ordinance Updates
- Implement Priority Processing for Streamlined/Exempt Approvals
- ADU Outreach Materials



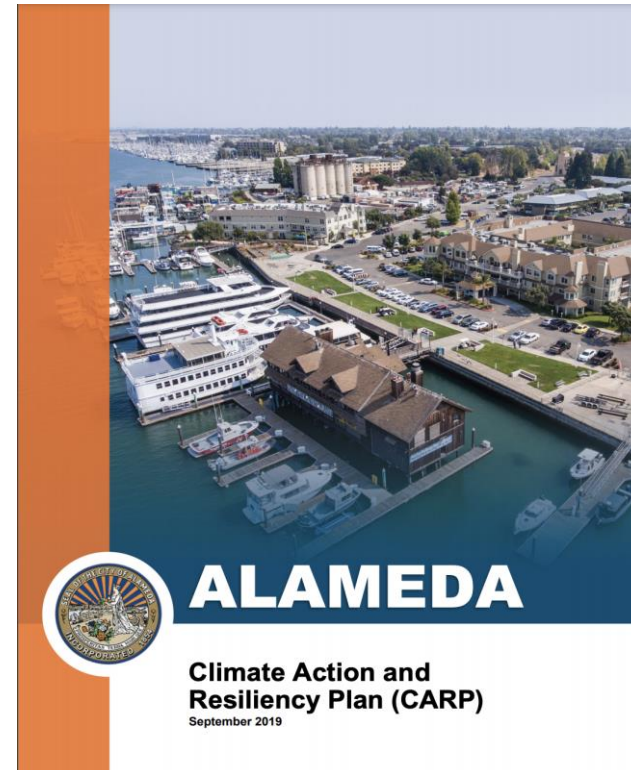
CARP 2023 Annual Report & 2024 Work Plan



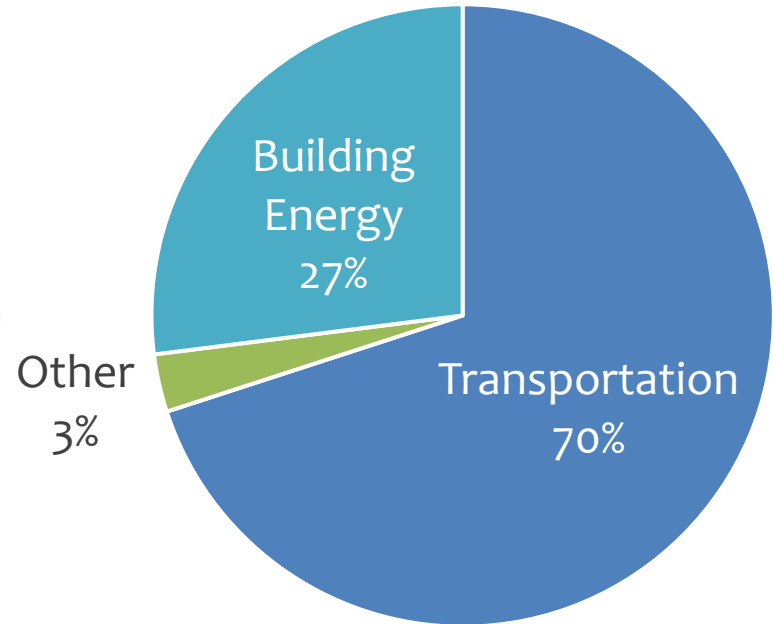
Alameda Climate Action and Resiliency Plan

- Reduce emissions by 50% below 2005 levels by 2030
- Achieve net zero emissions as soon as possible
- Adapt to climate change

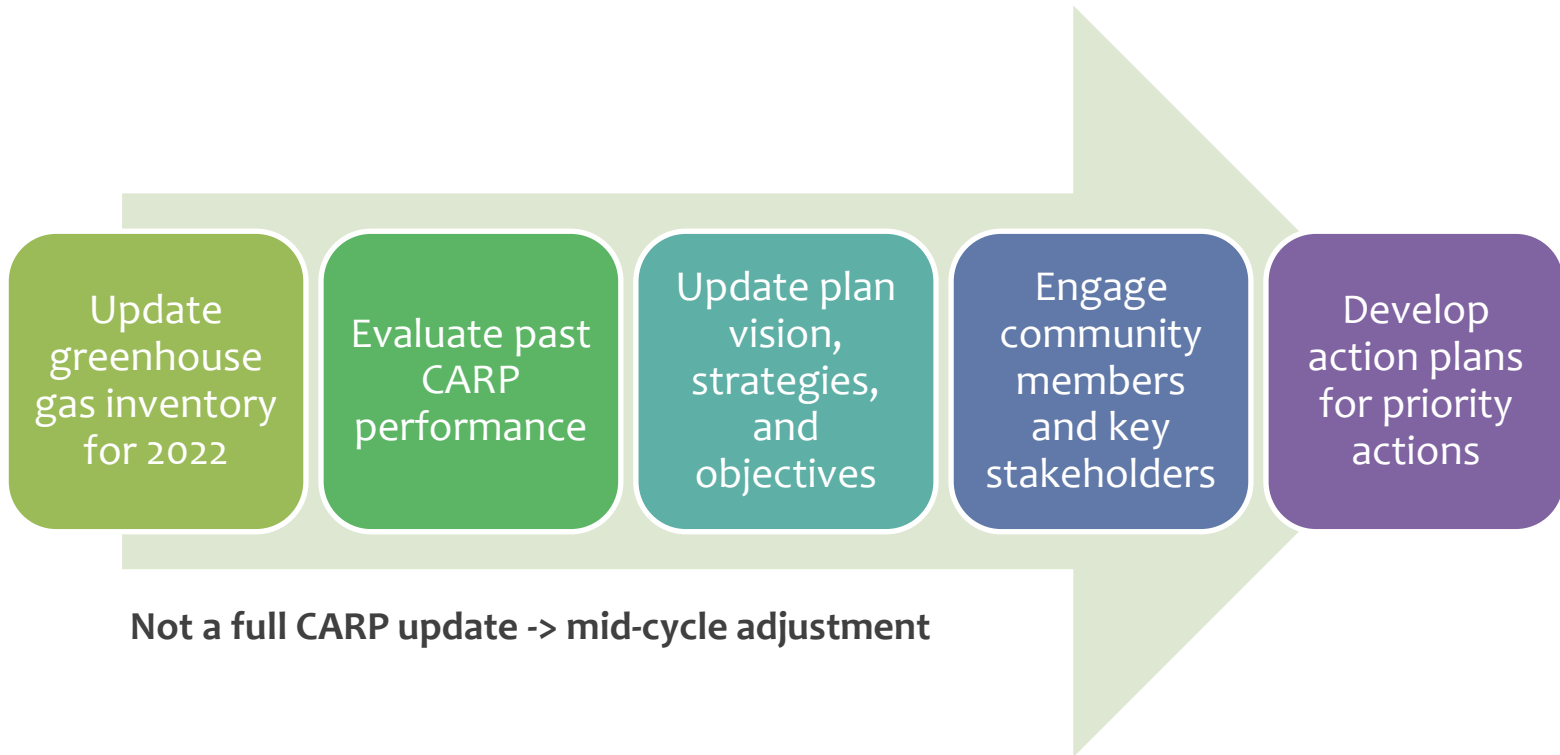
www.alamedaca.gov/CARP



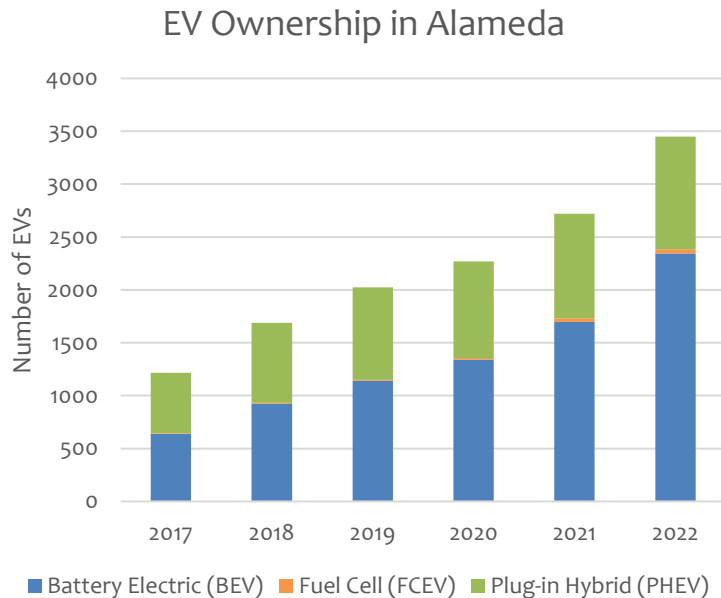
Alameda's Emissions



5-year CARP Update

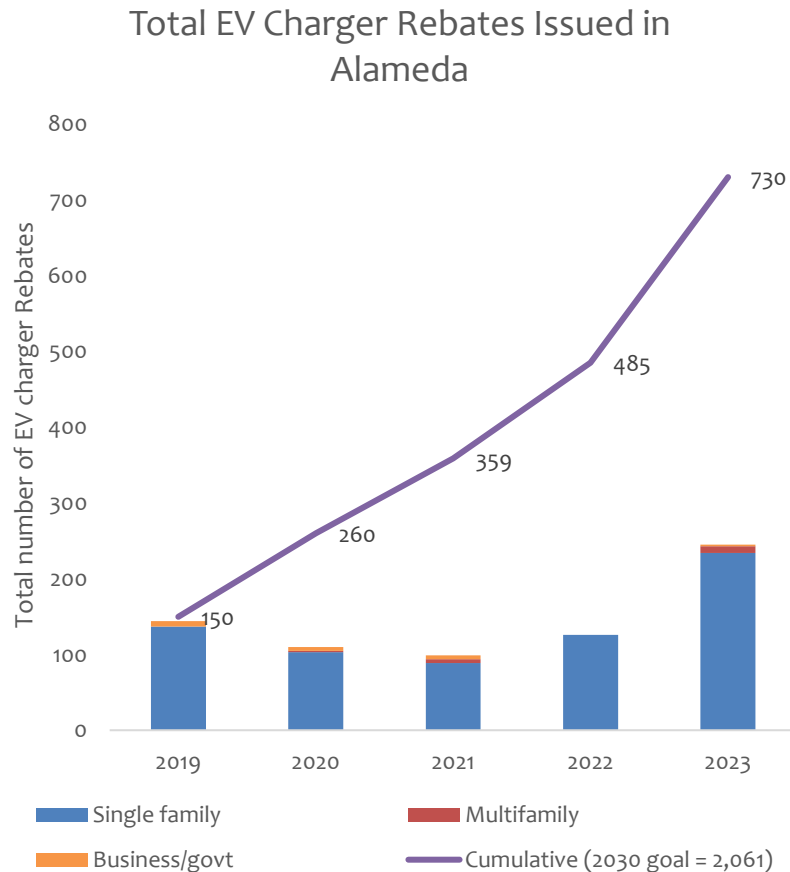


EV Adoption



- 728 new EVs, plug-in hybrids and fuel cell vehicles registered in Alameda in 2022
 - exceeds CARP goal
- 6.8% of vehicles are electric, plug-in hybrid or fuel cell
 - 3,449 vehicles total
- 2,232 more electric vehicles
 - 4,609 fewer gas powered vehicles since 2017
- 61 used EV rebates in 2023; 142 to date

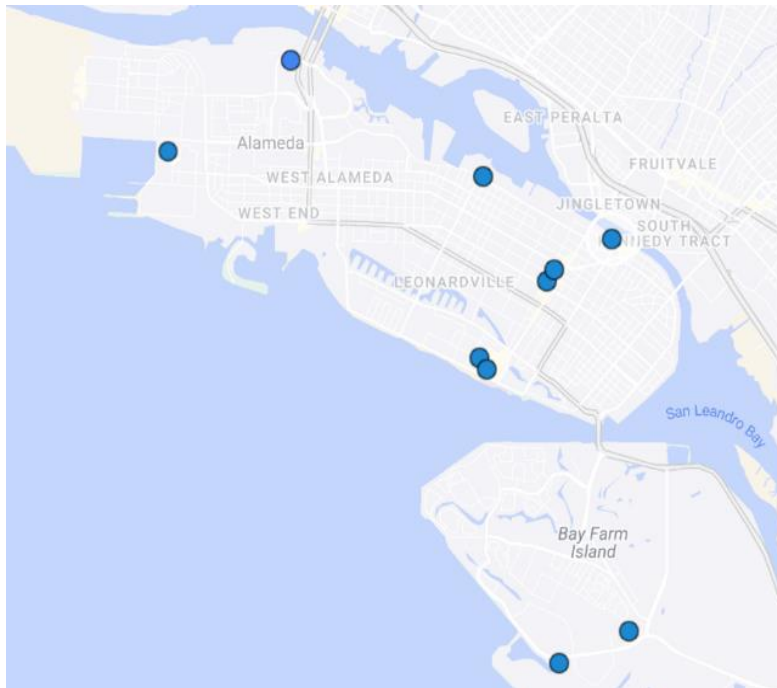
EV Charging



AMP rebates for Level 2 EV chargers

- 245 rebates issued in 2023
 - 94% increase over 2022
- 730 rebates issued since 2019

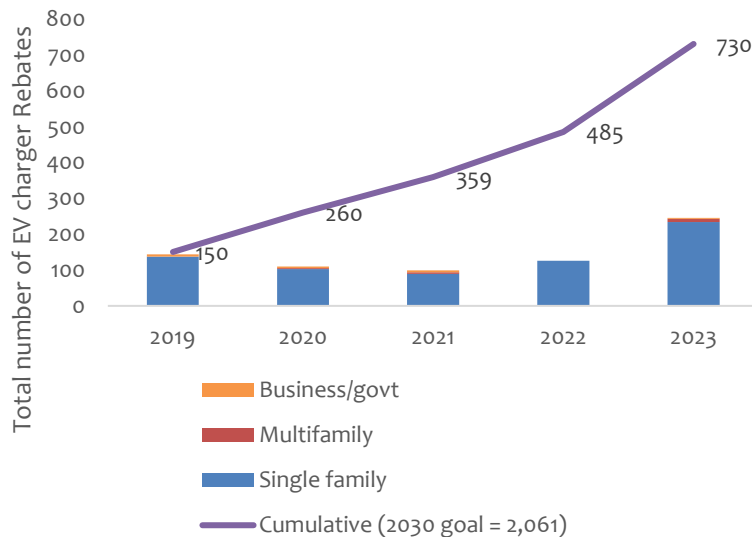
Public Charging Locations



- 10 charging locations with 58 ports
- 10 new charging ports at Seaplane Lagoon Ferry Terminal

EV Charging

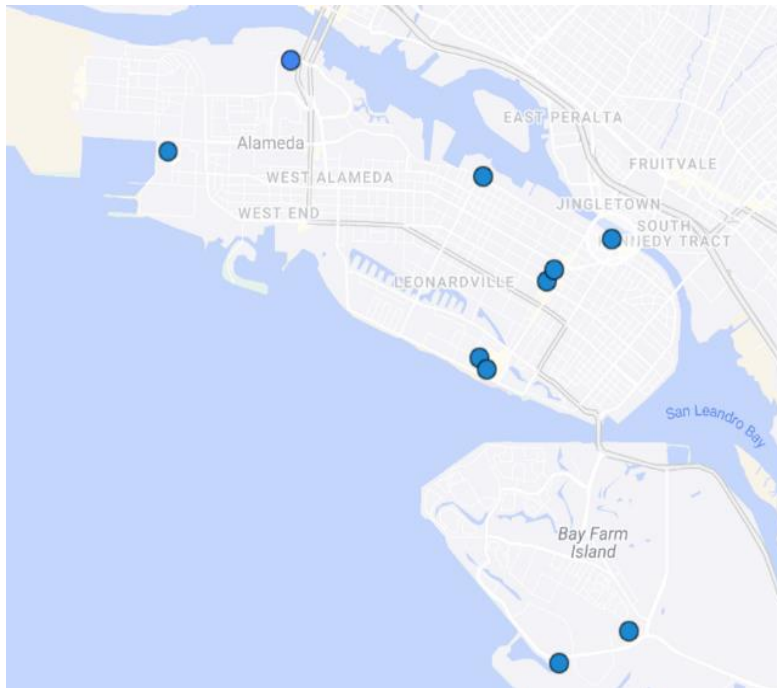
Total EV Charger Rebates Issued in Alameda



AMP rebates for Level 2 EV chargers

- Level 2 EV chargers rebates
 - Residential: \$500
 - Multi-family: up to \$48,000
 - Business/Govt: up to \$39,000
- 245 rebates issued in 2023
 - 94% increase over 2022
- 730 rebates issued since 2019
- Streamlined permitting/same day web permits for residential & commercial EV chargers and other electrification upgrades

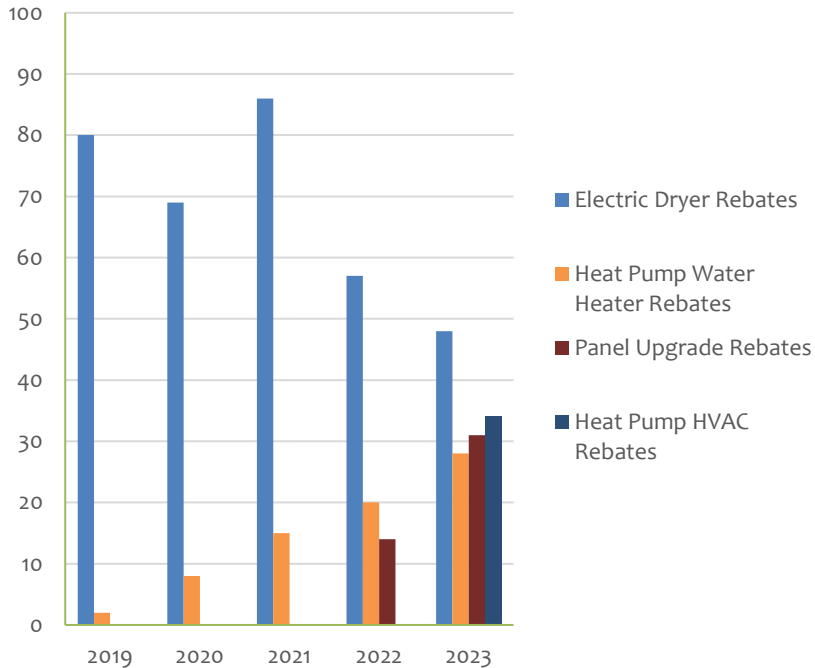
Public Charging Locations



- 10 charging locations with 68 ports
- 10 new charging ports at Seaplane Lagoon Ferry Terminal
- Public Charging Provider

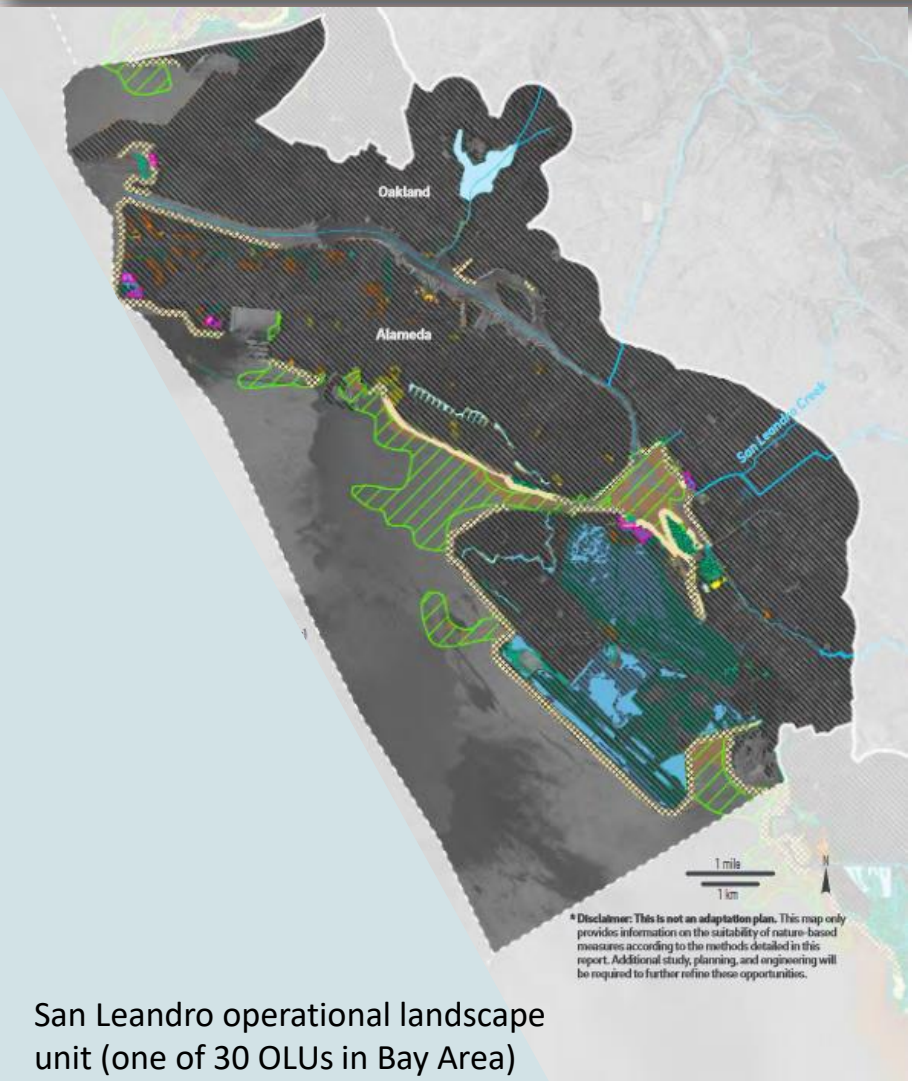
Building Electrification

AMP Electrification Rebates



- Alameda Home Electrification Fair
- AMP rebates
 - 28 heat pump water heaters
 - 28 electric dryers
 - 44 heat pump space heaters
 - 31 electric panel upgrades.
- 240 rooftop solar installations
 - 33% increase from 2022
- 29.6% of Alameda households heated with electricity
 - compared to 26.8% in 2019.





San Leandro operational landscape unit (one of 30 OLU in Bay Area)

The **Oakland Alameda Adaptation Committee (OAAC)** coordinates the Oakland Alameda sub-region flood and adaptation projects to protect and restore water quality, habitat, recreation and community resilience.



OAAC: Funded Projects (2023-2025)

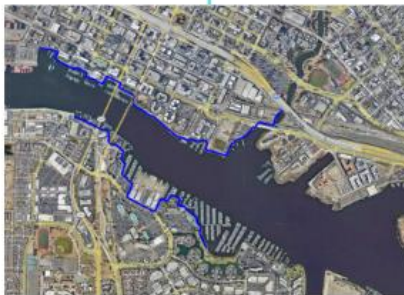
Oakland-Alameda Adaptation Committee Projects



Sub-regional
Adaptation
Plan



Oakland-
Alameda
Estuary
Adaptation
Project



Bay Farm
Island
Adaptation
Project



2024 CARP Work Plan

- Complete GHG Inventory and Update CARP
- Complete Urban Forest Plan
- Expand publicly available EV charging network
- Implement Equitable Building Decarbonization Plan
- Increase compost application in the City
- Update Zero Waste Implementation Plan
- Continue priority sea level rise adaptation projects
- Complete De-Pave Park Master Plan



Keep in touch

- Subscribe to mailing lists
www.alamedaca.gov/Subscribe
- Visit www.alamedaca.gov/carp
- Email sustainability@alamedaca.gov



Transportation

2023 Annual Report & 2024 Work Plan

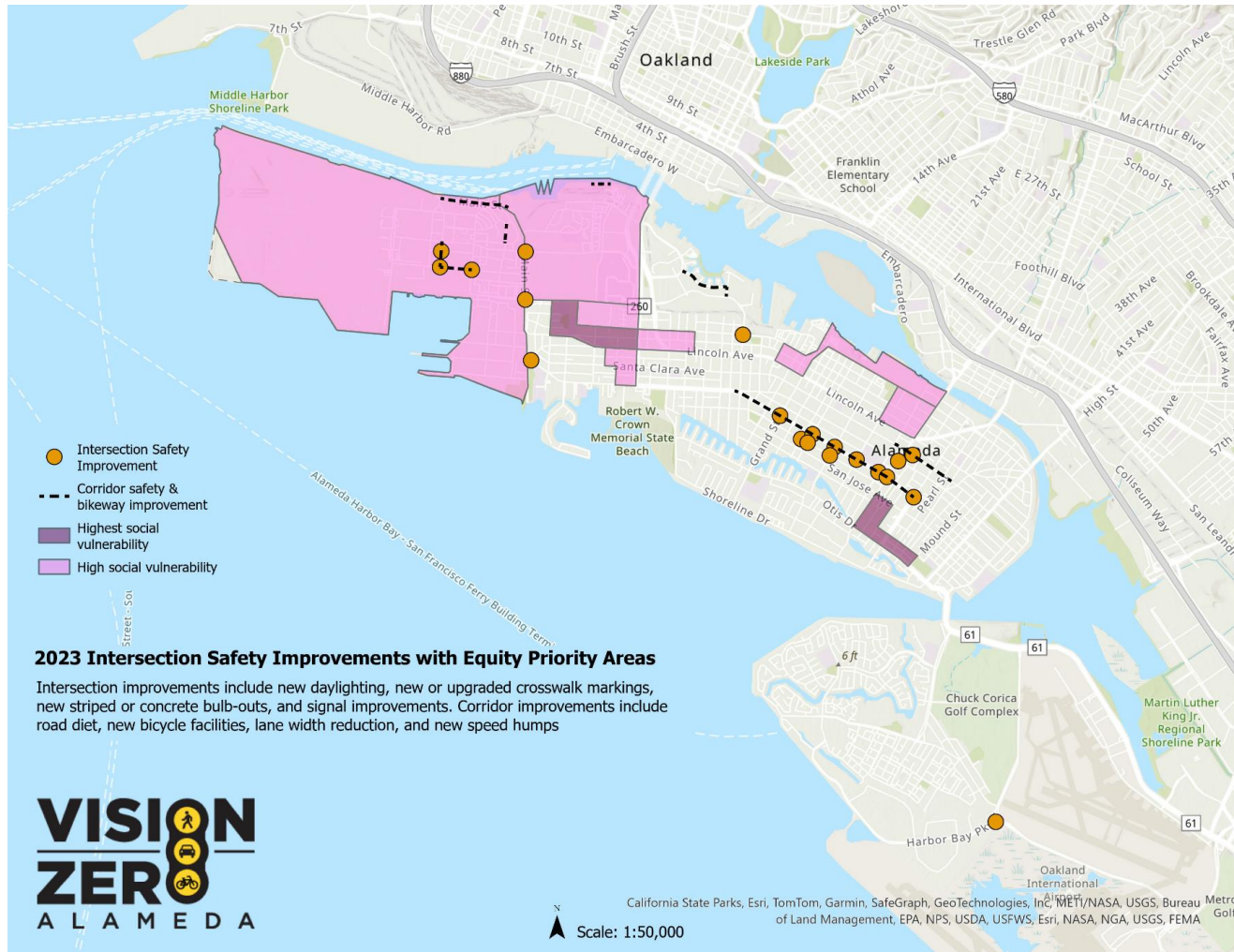


Top Accomplishments 2023



2023 Safety Improvements

2023: Improvements at 3.4 miles of roadway and 20 intersections



2023: City Council Approved Street Redesigns

Completed public outreach and concept designs for:

- Clement Ave Extension/Tilden Way
- Grand St, Shore Line to Blanding
- Lincoln Ave/Marshall Way/Pacific Ave



2023: Prepared for Estuary Water Shuttle

- Launch summer 2024
- With public and private partners:
 - Secured \$2.5 million in funding
 - Purchased pontoon boat “Woodstock”
 - Operator agreements



2023: Oakland Alameda Estuary Bridge PID

Project Initiation Document nearly completed



2023: Expanded Free Bus Pass Program



- Serves Low-Income Seniors & People with Disabilities
- Expanded 140% in 2023
- Now provides passes to 800+ residents
- 164,000 rides in 2023
- 60% participants non-English speakers



2023 Constraints:

Low Staffing & the Need to Pivot

- Severe staffing shortages despite recruitments (*4 engineering positions in Public Works now filled*)
- Pivots requiring extra staff time
- External agency reviews
- Increasing construction costs (*recent bids were 40%-50% higher than expected*)

2023 Transportation Facts and Performance Measures

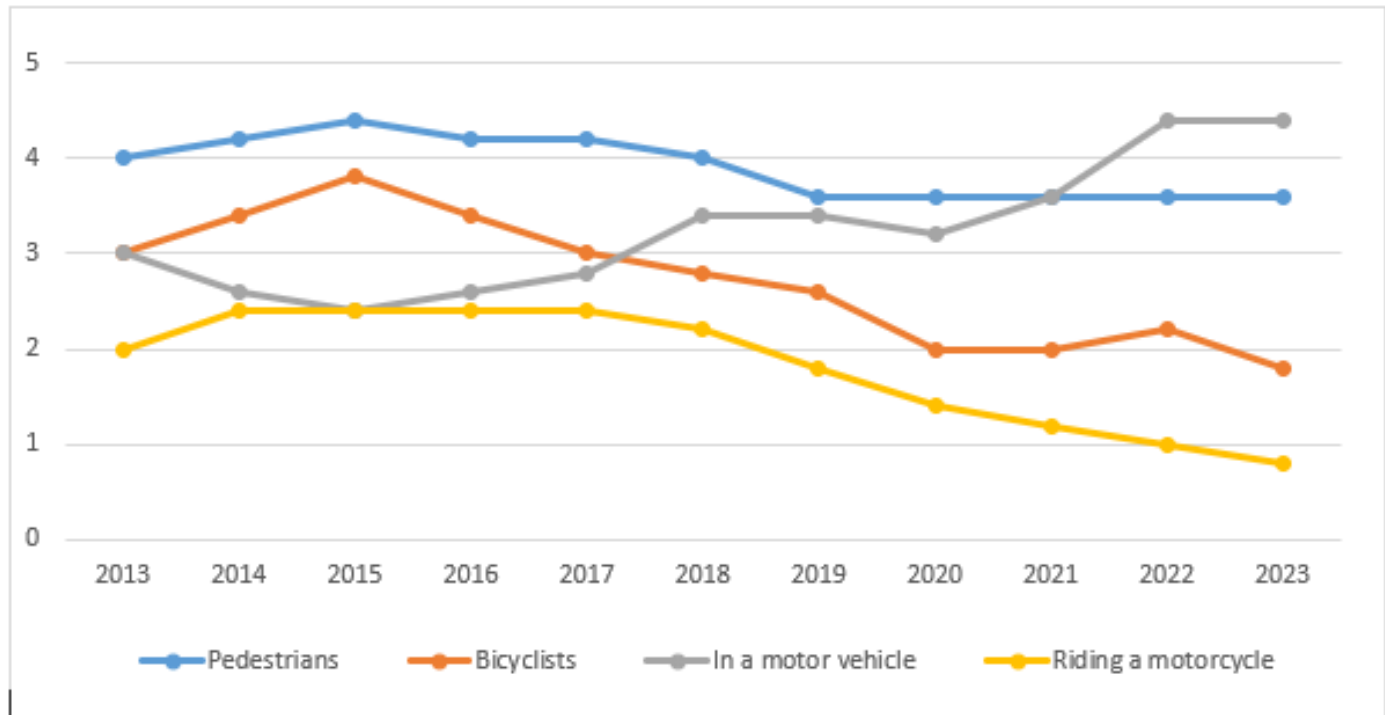


2023 Fatalities + Severe Injuries

2023:

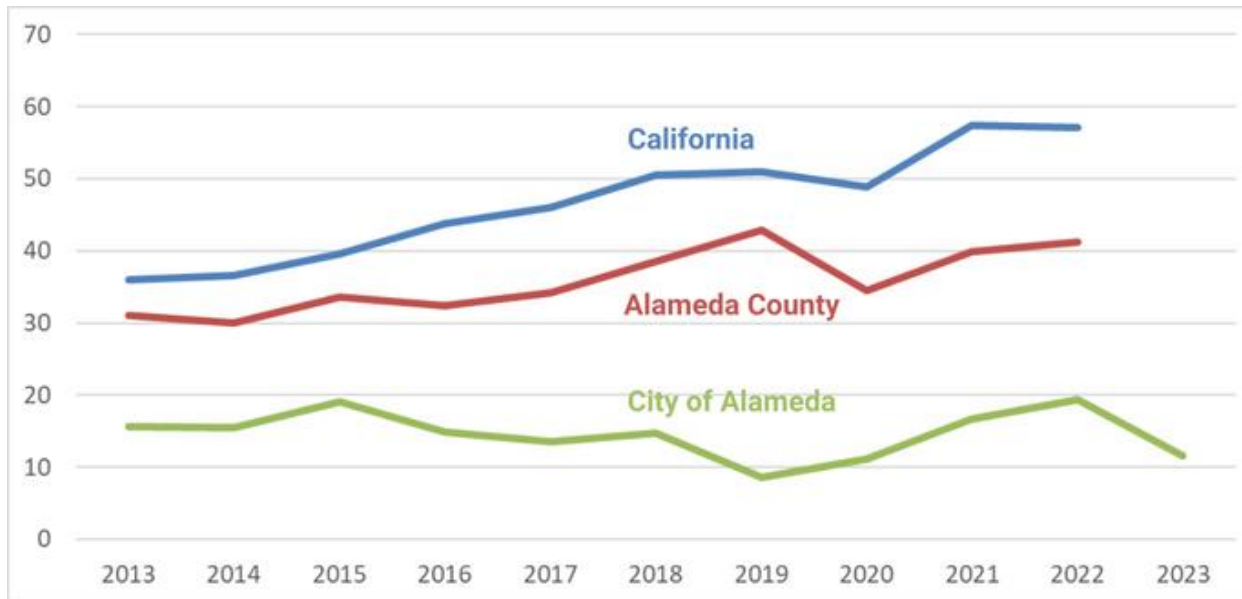
- 3 fatalities
- 6 severe injuries

Rolling Five-Year Averages, Traffic Fatalities + Severe Injuries by Mode, 2009-2023 Data



City, County, and State Comparison

Traffic Fatalities + Severe Injuries Rate Per 100,000 Population



City of Alameda

2022 rate:

- 54% lower than Alameda County
- 66% lower than California



2023 Active Transportation Measures

Bike lanes:

- 3.3 new bikeway miles added 2023
- 57 miles of bikeways, including 22.5 low-stress miles

Peds and bicyclists counted at 7 intersections (2-hour PM peak)

	Change from 2016/17 to 2022
Peds	-17%
Bicyclists	+57%

Percentages of people bicycling, walking and driving alone to work (3 yr averages)

Mode	Baseline %	%	Target %
	2021	2022	2030
Walk	2.6	2.2	4.0
Bicycle	2.4	2.6	3.6
Drive alone	54.5	51.7	Stable or decreasing

What to Look for in 2024: Highlights



Neighborhood Greenways

2024: Outreach and begin construction for at least one Greenway

Treatment Examples



Raised Crossings

- Make pedestrians and bicyclists crossing the street easier to see by raising them above the grade of the street
- Act like speed humps to help reduce motor-vehicle speeds



Mini Traffic Circles

- Circular islands installed in the center of local street intersections
- Reduce traffic speeds and crashes
- Commonly landscaped with bushes, flowers, or grass



Rectangular Rapid Flashing Beacons (RRFB)

- RRFBs combine a crossing warning sign with a bright flashing beacon that is activated only when a pedestrian or bicyclist is present
- Increases motorists' yielding compliance and visibility of pedestrians and bicyclists

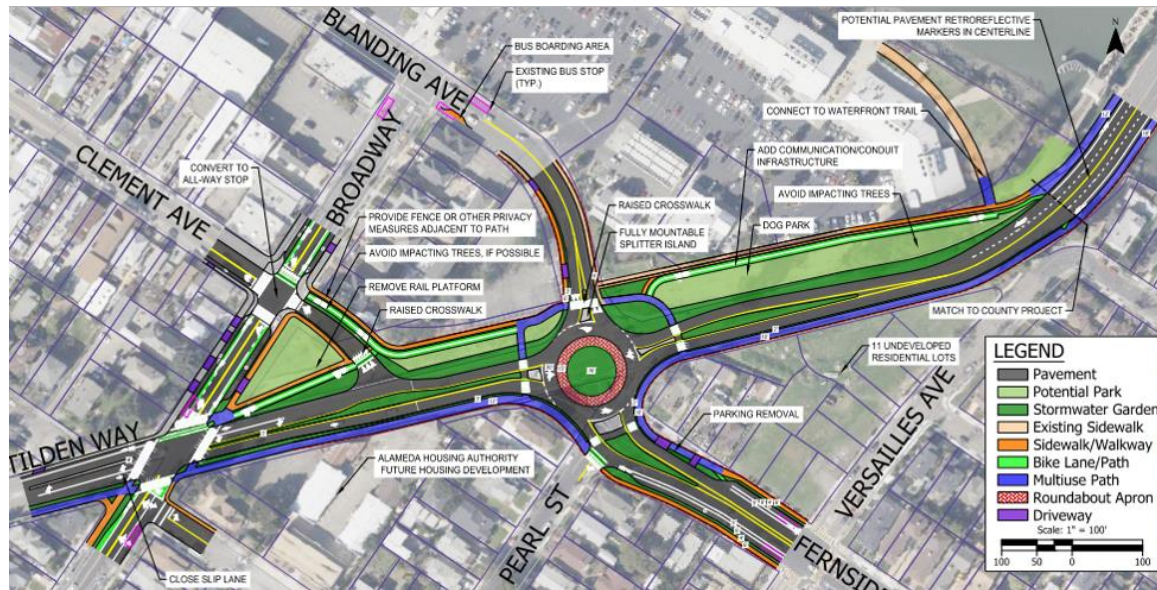


Speed Humps

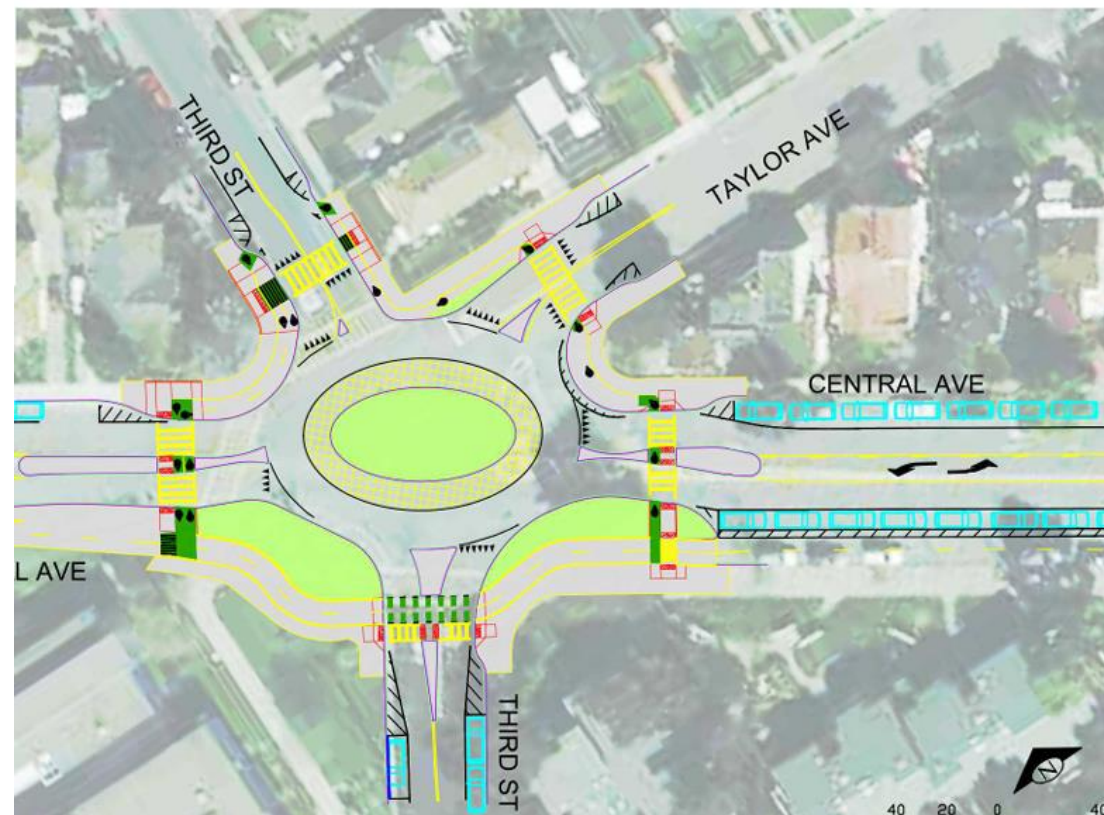
- Provide a gentle rise on the roadway to slow motor vehicle speeds and improve pedestrian and bicyclist safety
- Designed for motor vehicles to cross them comfortably when traveling at or below the speed limit
- Typically placed in the middle of the block

Cross Alameda Trail Construction

- Traffic signal/crossings on RAMP
- Clement Ave Project
- Clement Ave Extension/Tilden Way
- Cross Alameda Trail connectors in Jean Sweeney



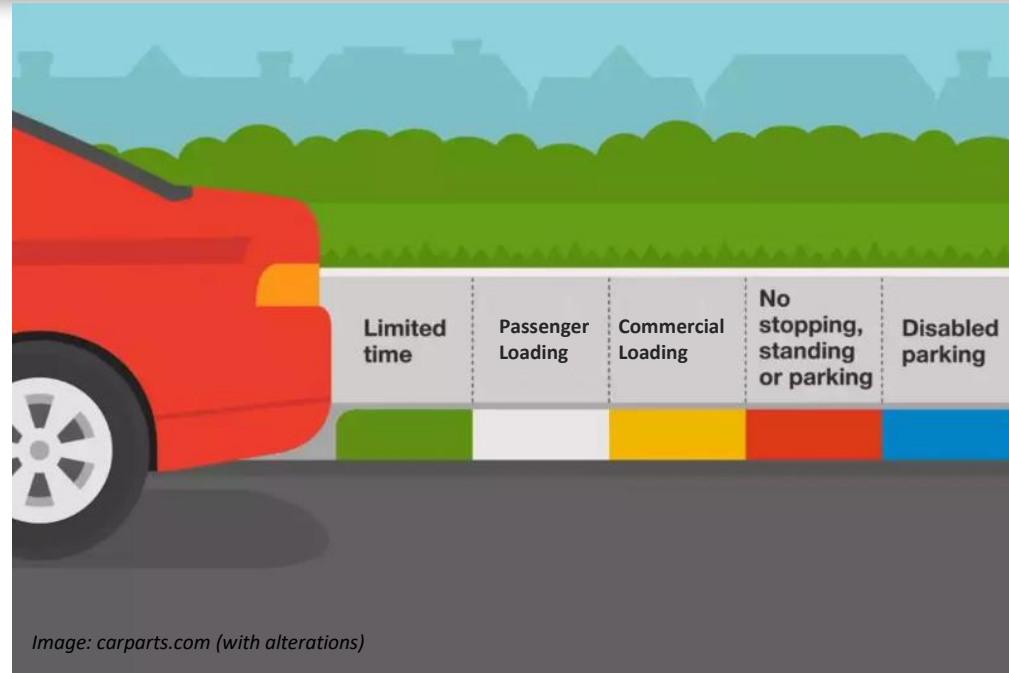
Construction on Central, Mecartney, Grand, Webster, Park



- **Central Ave**
- **Webster St and Park St**
- **Grand St** Shore Line to Otis
- **Mecartney** Pedestrian improvements at three intersections
- **Pavement resurfacing** East End area

Parking Management

- Park St & Webster St: parking back to curb, new color curb zones
- Improvements at Civic Center Garage
- Launch mobile payment
- Ferry Terminal Parking Pricing Strategy
- Paid parking at Seaplane Lagoon and/or Harbor Bay ferry terminals



Staff Recommendation

Accept the 2023 Annual Reports on the General Plan, Transportation, & Climate Action and Resiliency Plan

