

# Zero Emission Vehicle (ZEV) Plan Update: Charging in the Public Right of Way

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A DISCUSSION OF A POSSIBLE ZEV  
CHARGING ORDINANCE AND ACCESSIBILITY

# Review – Zero Emission Vehicle Action Plan

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- Action – Public Charging #1: Amend the Oakland Municipal Code (OMC) to Facilitate and Regulate Equitable EV Charging in the Public Right-of-Way
- Action – Public Charging #2: Create a Residential Curbside EV Charging Strategy and Ordinance
- Action – Public Charging #3: Develop and Implement a Program to Deploy EV Charging Infrastructure in Frontline Communities
- Partnering with The Berkeley Center for Law, Energy, and the Environment (CLEE) for Legal Research and Priority EV Charging Locations Map

# Today: Accessibility and the Public Right-of-Way

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- OakDOT uses US Access Board guidelines for on-street parking requirements and other best practices such as Caltrans guidelines and standards.
- “The Department of Transportation (DOT) shall ensure that all public right of way (PRoW) improvement programs under its jurisdiction or control include construction or reconstruction of on-street accessible, or disabled, parking facilities in accordance with this policy.”
- Residential Areas: Residential Disabled Parking Zones (RDPZ)

# Today: Accessibility and the Public Right-of-Way

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On-Street Accessible Parking Spaces	
<b>Total Number of Metered/Marked Parking Spaces on Block Perimeter</b>	<b>Minimum Required Number of Accessible Parking Spaces</b>
1 to 25	1
26 to 50	2
51 to 75	3

\*Non-Residential Areas

# Under Development – A Better Public EV Charging Process

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- Create **public right-of-way design guidelines or thresholds** designated by OakDOT in consultation with stakeholders
- Process changes to **streamline encroachment permits** for EV chargers in the public-right-of-way.
- Define accessibility requirements for EV chargers in the public right-of-way and establish a geographic or threshold approach to meeting accessibility requirements, similar to current City policy.

# Under Development – A Better Public EV Charging Process

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- Define solutions and guidelines for residents charging vehicles in front of their homes in the public right-of-way -> Discourage electric cords ran across sidewalk
- Establish a program for **community benefits and economic development** associated with investments in EV charging in the public right-of-way

# Under Development – A Better Public EV Charging Process

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- Possible solutions for Residential EV Charging at the Curb:
  - Through the Sidewalk – Create a cut or trough in the sidewalk and put a grate over the top.
  - Over the Sidewalk – An ADA compliant ramp or “aerial support systems” to suspend a cable overhead
  - Under the Sidewalk – A larger conduit under the sidewalk

# Under Development – A Better Public EV Charging Process

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Photo - Example of Grate that would go over a trough on sidewalk



Photo - Example of ADA compliant Ramp that covers electrical charging cords



# Thank You

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