Autonomous Vehicle (AV) Briefing: Cruise Testing Permit and California PUC Rulemaking on AV Passenger Services
Emerging Mobility Guiding Principles

- Safety
- Transit
- Equitable Access
- Disabled Access
- Congestion
- Sustainability
- Financial Impact
- Accountability
- Labor
- Collaboration
AV Regulation in California

**DMV**

Regulates the safe operation of AVs and provides approval to test AVs on public roads with and without drivers, depending on the permit received.

**CPUC**

Provides approval for AV companies to provide passenger services with and without drivers. Approval requires DMV permits.
DMV Driving Permits Available

- Testing with safety driver on public streets
- Testing without safety driver on public streets
- Deployment (vehicles with/without a safety driver can convey members of the public for a fee)

CPUC Passenger Service Permits

- Pilot testing passenger service with safety drivers
- Pilot testing passenger service without drivers
- Deployment (rules still under development)
CA DMV
Driverless Testing Permit Holders

1. AutoX Technologies, Inc.
2. Cruise, LLC
3. Nuro, Inc.
4. Waymo, LLC
5. Zoox, Inc.
Cruise DMV Driverless Permit

- DMV approval for driverless testing received October 15, 2020
- First company to test driverless vehicles in San Francisco
- Up to 5 vehicles operating on streets with posted speeds up to 30mph
- Day or night but not during times of heavy fog or rain
Cruise DMV Driverless Permit – SF Coordination and Input

• Meetings with SFMTA, SFCTA, Mayor’s Office and First Responders
• Conducted vehicle orientation for some SFPD and SFFD personnel
• Outreach to Board of Supervisors and some community groups
• Testing to start on less complex streets
CPUC Proposed Decision for AV Passenger Service

- Would establish goals and related data reporting requirements for future AVPS permittees (and for continuing pilot program)
- Would set requirements for permit applicants and permitting process
- Would require applicants to submit a Passenger Safety Plan for public review
- Would require permit applications to be approved by Commission in public process
- Would allow permittees to charge for service
- Would allow permittees to offer shared rides / ‘fare splitting’

Hearing on proposed decision on 11/19/2020
CPUC
Proposed Decision – Proposed Goals

1. Protect Passenger Safety
2. Expand benefits of AV technologies to all communities
3. Improve transportation options for all, particularly for disadvantaged communities and low-income communities
4. Reduce greenhouse gas emissions, criteria air pollutants, and toxic air contaminants, particularly in disadvantaged communities
SFCTA/SFMTA Comments on Proposed Decision

- Include goal to ensure AVPS will provide **equivalent services to people with disabilities**, including wheelchair users
- Amend the application and **data reporting** requirements to allow effective assessment of permit holder performance in relation to the Commission’s goals
- Retain process for **public input** on applications
Thank you.
Any Questions?
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