ASSOCIATION OF METROPOLITAN PLANNING ORGANIZATIONS
ANNUAL CONFERENCE
OCTOBER 23, 2019

Maryland Department of Transportation
Deputy Secretary R. Earl Lewis Jr.
Maryland in Motion

**BWI Thurgood Marshall Airport**
- 27.1 million passengers in 2018
- Busiest airport in region
- Supports 106,000 jobs
- $9.3 billion annual economic impact

**Purple Line**
- 16.2-mile rail line
- $5.6 billion project
- 6,300 construction jobs
- $2 billion in new or planned development along corridor

**Port of Baltimore**
- No. 1 port for cars and roll-on/roll-off machinery.
- Record 43 million cargo tons in 2018
Electric Vehicles Taking Charge

- 22,144 EVs registered in Maryland.
- 628 EV stations with 1,785 charging outlets.
- $3,000 tax credit for owners of electric vehicles and plug-in hybrids with $6 million a year available.
- Maryland’s EV goal:
  - 300,000 by 2025.
AMPO 2019 Conference, Baltimore

Maryland Zero Emission Electric Vehicle Infrastructure

- EV Charging Station
  - Less than 1 mile
  - Between 1 and 5 miles
  - Greater than 5 miles

- EV Corridor
  - Signage Ready
  - Signage Pending

- EVs by ZIP Code
  - EV per Sq. Mile:
    - > 10
    - 5 - 10
    - 1 - 5
    - 0.1 - 1
    - 0 - 0.1

www.mdot.maryland.gov/newMDOT/Planning/Electric_Vehicle/About_the_Council.html
CAVs in the Driver’s Seat

• Maryland is working to uphold and enhance a **safe, efficient and equitable** transportation future by delivering collaborative and leading-edge **connected and automated vehicle** (CAV) solutions.

• Maryland is open for business and eager to realize the **life-saving and economic benefits** of CAV technology.

• Maryland has designated a number of sites, owned by MDOT and its partners, that can be used to **test CAV technologies**.

Above, STEER Tech tested its self-parking CAV at BWI Marshall Airport. Left, ‘Olli’ is a CAV operating at MGM National Harbor.
TCI is a regional collaboration of 12 Northeast and Mid-Atlantic states and the District of Columbia to explore ways to promote the clean energy economy and reduce carbon emissions from the transportation sector.

The Maryland Department of Transportation and the Maryland Department of the Environment are involved.

Last month, TCI unveiled a framework for development of a draft regional policy proposal. An MOU could be ready in the spring for member states to consider.

Information and results of recent workshops and outreach events are available at www.transportationandclimate.org.
Speaking to the Future

• **Be Flexible.** Technology changes fast, so look for policies that can adapt.

• **Broaden Horizons.** Invite experts and voices from varied backgrounds to get well-rounded perspectives.

• **Reality Check.** Be realistic about your jurisdiction’s readiness for CAVs and EV infrastructure.

• **Plan for the Future.** Outline short- and long-term goals and work collaboratively to develop a realistic strategic plan.
Thank You!