

A stylized, abstract graphic in the top right corner featuring overlapping geometric shapes in shades of red, yellow, and grey, suggesting a car and a charging station.

Electric Vehicles and Charging Infrastructure Primer

Colleen Turner – Assistant Director, Office of Planning & Capital Programming
Maryland Department of Transportation
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State Agency Roles on EVs



Maryland
Department of
the Environment

ZEV MOU

Maryland Clean Cars
Program

VW Settlement



Maryland
Energy
Administration

AFIP

EV / EVSE
(Incentives / Rebates)



MDOT
MARYLAND DEPARTMENT
OF TRANSPORTATION

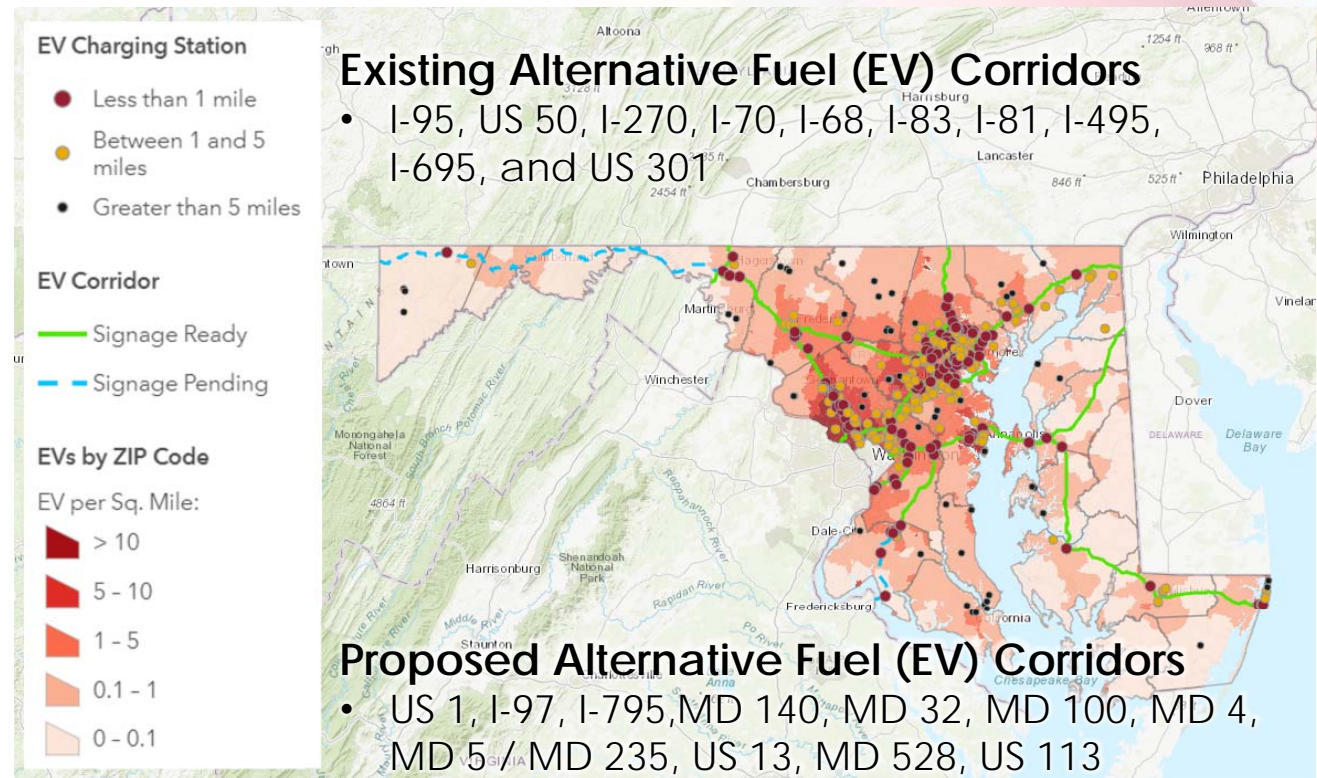
Alt. Fuel Corridors

Chair / Staff EVIC

Track EV Registrations
and EVSE Installations

Existing Infrastructure and EV Data

- [EVIC website](#) updated monthly
- EV registration data is now available on Maryland's [Open Data Portal](#)

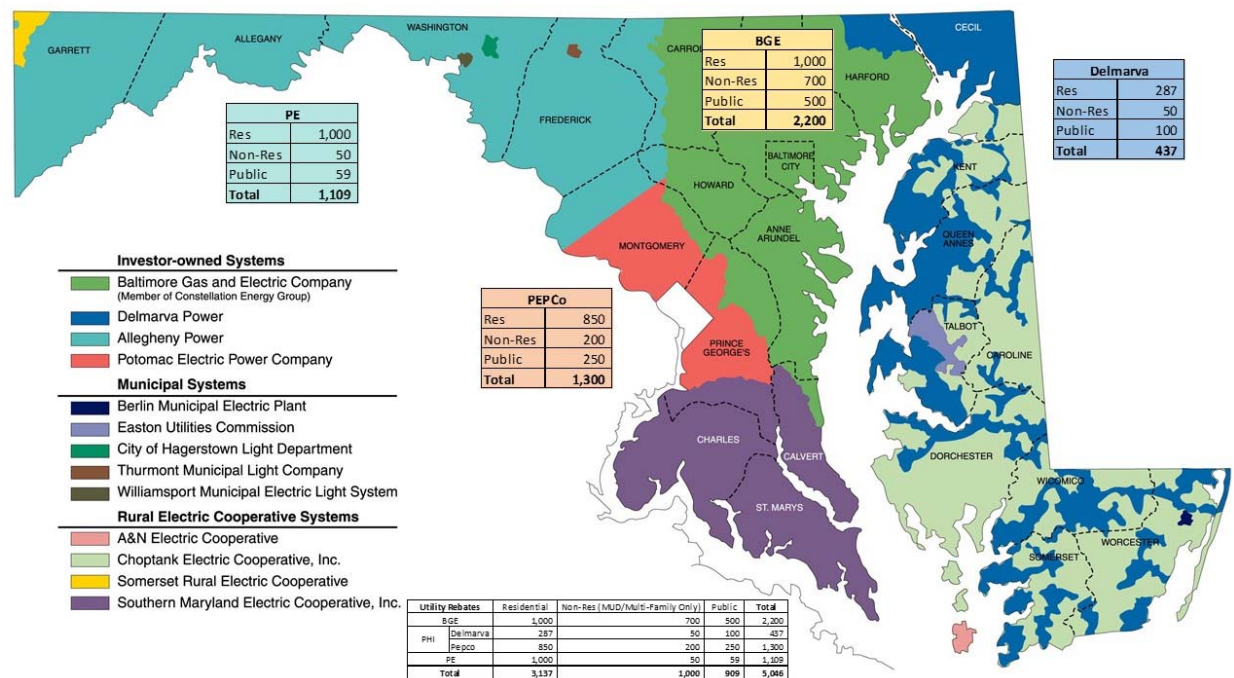


Funding Opportunities for EVSE

- Maryland's Alternative Fuel Infrastructure Program (AFIP)
 - Grant amounts are capped at 50% of project cost, up to \$55,000 for DC Fast Charger projects.
- Electric Vehicle Supply Equipment (EVSE) Rebate Program 2.0
 - 40% of purchase and installation price, up to \$700 for residential installations, \$4,000 for commercial installations and \$5,000 for retail service stations.
- Maryland Volkswagen Mitigation Plan
 - 15% of the total Maryland allocated funds for EVSE (\$11.3 million)
- Electrify America
 - \$2 billion *nationwide* in electric vehicle charging infrastructure
 - Cycle 1 (\$300 million), Jan. 2017 – June 2019 [Washington]
 - Cycle 2 (\$300 million), July 2019 – Dec. 2021 [Washington & Baltimore]
 - Cycle 3 and 4 (\$300 million each), 30 month cycles
 - <https://www.electrifyamerica.com/submissions>

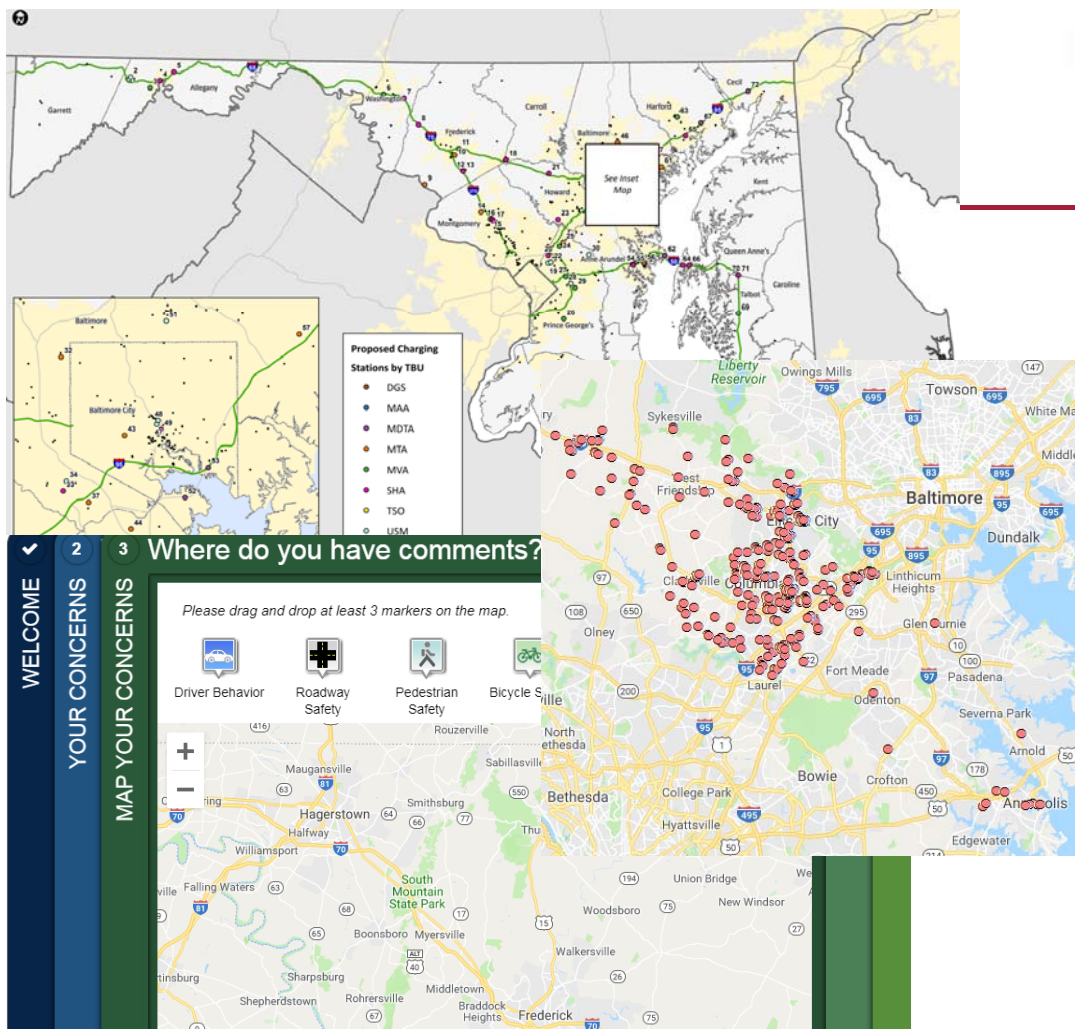
Funding Opportunities for EVSE (cont.)

- Utility Electric Vehicle Portfolio ([PC 44](#))
- Clean Corridors Act of 2019
 - Grant funding for the installation of electric vehicle charging stations and hydrogen fueling infrastructure along designated corridors
 - Funding:** \$300 million for each fiscal year 2019 through 2028

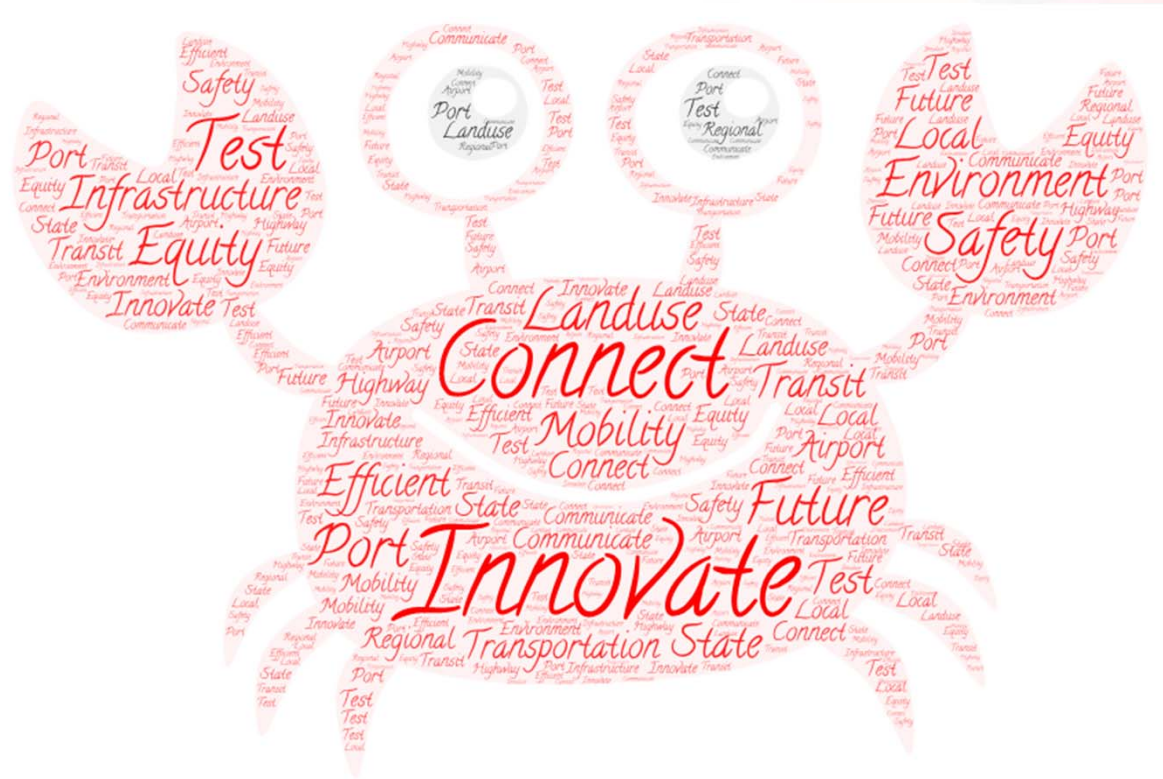


MPO Input on Future Charging Locations

- MDOT is working to compile a list of publicly-owned locations suggested for future EVSE
 - MDOT developed a preliminary list of state-owned locations for Electrify America Cycle 1
 - Currently have a list of locations from some of BMC's jurisdictions
- Online interactive outreach survey (MetroQuest) to be launched for input



Automated, Connected, Electric & Shared





QUESTIONS?

Colleen Turner, Assistant Director, OPCP
Maryland Department of Transportation
cturner@mdot.Maryland.gov
410-865-2773