

February 20, 2025

The Honorable Marc Korman
Chair, Environment and Transportation Committee
251 House Office Building
Annapolis, MD 21401

RE: Letter of Information – House Bill 897 – Maryland Department of Transportation - Electric Vehicle Charging Infrastructure Expansion - Plans and Programs

Dear Chair Korman and Committee Members:

The Maryland Department of Transportation (MDOT) takes no position on House Bill 897 and offers the following information for the Committee's consideration.

HB 897 requires MDOT, in consultation with the Maryland Energy Administration (MEA), to prepare a study of electric vehicles (EVs) and EV infrastructure in the State and estimate the number and density of public and private EV charging stations needed to support anticipated growth in EVs. The bill also requires MDOT to develop programs to increase EV charging infrastructure and develop proposed regulations to implement recommended programs.

Several studies and programs are currently underway or have been completed by MDOT and other State agencies that may satisfy the need for this bill. The Governor's Climate Executive Order issued June 4, 2024 directed MDOT to prepare a Zero Emission Vehicle Infrastructure Plan (ZEVIP), to include implementation of the National Electric Vehicle Infrastructure Program. Development of the ZEVIP is currently underway and will be completed in 2025. It will provide a Statewide multi-agency strategy for infrastructure deployment to meet the expected growth of light-, medium-, and heavy-duty zero emission vehicles under the Climate Solutions Now Act and the Advanced Clean Cars II and Advanced Clean Trucks programs.

Further, the Maryland Department of Environment (MDE) is preparing the Clean Truck Needs Assessment and Deployment Plan (NADP) in consultation with MDOT, MEA, and other State agencies as required by the Clean Trucks Act of 2023. The NADP is required to assess and plan for medium- and heavy-duty (MHD) EV Charging infrastructure deployment needs, the demands on the power grid due to anticipated growth in MHD EVs, and purchase incentives and other recommended mechanisms to support successful implementation of the Advanced Clean Trucks program. The NADP is expected to be completed by December 2025.

A third study was completed in 2024 as required by HB 830 of 2023. The Multifamily Residential EV Study assessed the implications of mandating multifamily residential buildings to include both EV-ready spaces and install EV charging in parking spaces. Further, the study assessed the appropriate ratio of EV charging spaces to dwelling units to align with the State's

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greenhouse gas emissions reduction goals. Finally, the study prepared cost estimates for installing EV charging infrastructure and assessed available incentives.

The Maryland Department of Transportation respectfully requests that the Committee consider this information when deliberating House Bill 897.

Respectfully submitted,

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