2025-2028 TIP Amendment: Maryland Equitable Charging Infrastructure Partnership (MECIP)

Baltimore Regional Transportation Board

November 19, 2024

Charging and Fueling Infrastructure (CFI) Discretionary Grant Program

- Announced in January 2024 by U.S. Department of Transportation (USDOT), Federal Highway Administration's (FHWA)

- Made possible by the Bipartisan Infrastructure Law

- Will fund 47 EV charging and alternative-fueling infrastructure projects in 22 states and Puerto Rico

- Complements the $5 billion National Electric Vehicle Infrastructure (NEVI) formula program to build the "backbone" of high-speed EV chargers along the nation's highways

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Charging and Fueling Infrastructure (CFI) Discretionary Grant Program

Awarded $15M for COMMUNITY projects

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Maryland Equitable Charging Infrastructure Partnership (MECIP)

- The Partnership is made up of statewide public and private partners working collaboratively to bring ready-to-deploy equitable charging and infrastructure to the State of Maryland.
  - 6 private companies
  - 3 Counties
  - 2 Cities
  - UMD
  - IBEW Local 24

MECIP CFI – Project Purpose and Need

The Goals of the CFI Program are to:

- **Supplement**, not supplant, necessary private sector investment—MECIP will bring $9,692,283 in private sector investment.

- **Complement** existing Federal programs—MECIP, working with MDOT and their NEVI plan goals.

- **Facilitate** broad public access to a national charging system and to accelerate adoption of zero emissions vehicles

- **Accelerate** vehicle adoption of zero emissions vehicles through partnerships with vehicle dealerships, community outreach, and by bringing additional vehicle chargers to every region of the state.

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MECIP CFI − Project Purpose and Need

- **Implement** Justice40 objectives−MECIP impacts Justice40 areas throughout the state, as well as Low-to-Moderate Income (LMI) areas in rural and urban Maryland.

- **Reduce** greenhouse gas and vehicle-related emissions

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MECIP CFI – Community Program Outcomes

- **Construction**
  - ➢ 58 sites throughout Maryland

- **Workforce Development**
  - ➢ Maryland's IBEW Local 24 will advance job quality by providing EVITP Training and Certification to 300 current IBEW Journeypersons.
  - ➢ Provide 300 apprentices with the opportunity to become certified in EVITP
  - ➢ Registered Apprenticeship program will also provide direct workforce development in the EV installation field to disadvantaged community members

- **Tracking and Measuring – UMD Build America Center**

  Reducing:
  - ➢ Fuel use by 9,119.6 barrels annually
  - ➢ Greenhouse gas (GHGs) emissions by 2,894.6 metric tons annually
  - ➢ Other pollutants CO, NOx, PM10, PM2.5, VOC, and Sox by 44,121.4 lb. annually

MECIP CFI − Community Program in the Baltimore Region

Construction

- 15 sites

Total Project Cost

$4,836,553

- $3,457,250 Federal Funds
- $1,379,303 Match

Site Details

Baltimore Region Sites	Jurisdiction
2900 East Oliver Street, Baltimore, MD 21213	Baltimore City
4111 Deer Park Rd, Randallstown, MD 21133	Baltimore Co
5401 Frankford Ave, Baltimore, MD 21206	Baltimore City
400 N Luzerne Ave, Baltimore, MD 21224	Baltimore City
Ames United Methodist Church, 112 Baltimore Pike, Bel Air, MD	Harford Co
Kingdom Worship Center, 6419 York Rd, Baltimore, MD	Baltimore Co
Sparrow's Point Recreational Facility, 1900 Wharf Road, Baltimore, MD	Baltimore Co
Coppin State University (HBCU), 2500 West North Avenue, Baltimore, MD	Baltimore City
1001 Arion Park Rd, Baltimore, MD	Baltimore City
Frank J. Hutchins Memorial Park, 100 Congress Ave, Havre De Grace, MD 21078	Harford Co
Sheetz Gas Station, 3281 Main Street, Manchester, MD	Carroll Co
Harriet Tubman Cultural Center, 8045 Harriett Tubman Ln, Columbia, MD 21044	Howard Co
Preston Ford Dealership of Aberdeen, 505 S. Philadelphia Blvd., Aberdeen, MD	Harford Co
Safeway Grocery, 2401 North Charles Street, Baltimore, MD	Baltimore City
Giant Food Store, 6223-25 Baltimore National Pike, Baltimore, MD	Baltimore Co

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Thank you!

For More Information

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