

National Electric Vehicle Infrastructure (NEVI)

TIP ID	60-2401-09	Year of Operation	2030
Agency	SHA - Regional	Project Type	Other
Project Category	Emission Reduction Strategy	Functional Class	NA
Conformity Status	Exempt	Physical Data	NA
CIP or CTP ID(s)	AZ3401	Est. Total Cost	\$29,054,000

Description:

The National Electric Vehicle Infrastructure (NEVI) Program will create a network of convenient, reliable, affordable, and equitable electric vehicle chargers along Maryland’s designated alternative fuel corridors, which are major highways, and within communities along public roads or publicly accessible locations. Contributions from third parties will be utilized to match federal funds.

Justification:

To provide a network of electric vehicle chargers that contribute to the acceleration of equitable adoption of electric vehicles, including for those who cannot reliably charge at home, reduce transportation-related greenhouse gas emissions, help put Maryland on a path of net-zero emissions and improve the mobility of passenger and commercial electric vehicles.

Amendment: This amendment adds a new project to the FY 2024-2027 TIP; The National Electric Vehicle Infrastructure (NEVI) project. This amendment adds \$17.853 million in NEVI funds for engineering and construction in FY 2024-2027. STBG funds, which are to be implemented through toll credits amounting to \$0.18 million will also be used for engineering. Matching NEVI funds of \$4.284 for construction will come from the private contractor responsible for installation of charging stations. The total estimated cost is \$29.054 million.

Connection to Long-Range Transportation Planning Goals:

- 5.B Implement Environmentally Responsible Transportation Solutions -- Reduce emissions to support health & conform to AQ standards.
- 5.E Implement Environmentally Responsible Transportation Solutions -- Reduce greenhouse gas emissions according to state and local plans.
- 5.H Implement Environmentally Responsible Transportation Solutions -- Promote policies that encourage





National Electric Vehicle Infrastructure (NEVI)

(Funding in Thousands)

National Electric Vehicle Infrastructure -NEW

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$6,771	\$1,693	\$4,810	\$1,203	\$5,550	\$1,388	\$21,415
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$333	\$0	\$19	\$0	\$370	\$0	\$0	\$0	\$722
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$333	\$0	\$6,790	\$1,693	\$5,180	\$1,203	\$5,550	\$1,388	\$22,137

Surface Transportation Block Grant Program

Phase	FY 2024 Federal Funds	FY 2024 Matching Funds	FY 2025 Federal Funds	FY 2025 Matching Funds	FY 2026 Federal Funds	FY 2026 Matching Funds	FY 2027 Federal Funds	FY 2027 Matching Funds	Total Four-Year Funding Request
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ENG	\$62	\$21	\$3	\$1	\$69	\$23	\$0	\$0	\$179
PL	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ROW	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$62	\$21	\$3	\$1	\$69	\$23	\$0	\$0	\$179
Total	\$395	\$21	\$6,793	\$1,694	\$5,249	\$1,226	\$5,550	\$1,388	\$22,316