

ITEM 10 – Information
April 17, 2024

Carbon Reduction Program: Maryland Department of Transportation

Background: The board will receive a briefing from MDOT staff on their project identification and selection process for Carbon Reduction Program funding. The Carbon Reduction Program was established by the Bipartisan Infrastructure Law and provides funds for projects designed to reduce carbon dioxide emissions from on-road transportation.



MEMORANDUM

TO: Transportation Planning Board
FROM: Erin Morrow, TPB Transportation Engineer
SUBJECT: Updates on Federal Funding Programs for On-Road Greenhouse Gas Emissions Reduction
DATE: April 11, 2024

In September 2023, the TPB was [briefed](#) on five federal funding programs under the Bipartisan Infrastructure Law and Inflation Reduction Act that have new federal funding dedicated to shifting the United States away from fossil fuel use and reducing greenhouse gas emissions. At the April meeting, the TPB will receive updates on two of the programs: the [Carbon Reduction Program](#) and the [Climate Pollution Reduction Grant Program](#).

CARBON REDUCTION PROGRAM (ITEM 10)

The Carbon Reduction Program (CRP) was established by the Bipartisan Infrastructure Law. The CRP provides a total of \$6.4 billion in formula funding nationally for FY 2022 through FY 2026. The CRP has two components – it requires states to develop a Carbon Reduction Strategy and provides funds to states for projects designed to reduce carbon dioxide emissions from on-road transportation. Both program components require states to work with applicable Metropolitan Planning Organizations (MPOs).

The state Carbon Reduction Strategies are [available](#) on the US DOT website. The state DOTs briefed the TPB on their Carbon Reduction Strategies in October 2023.

A certain amount of each state’s CRP funding is set aside for projects in large metropolitan areas and states are to coordinate with MPOs in programming these funds. The CRP [fact sheet](#) lists the types of projects and programs that are eligible for funding. CRP funds are available for obligation for a period of three years after the last day of the fiscal year for which the funds are authorized. The CRP funding allocations for metropolitan Washington for FY 2022 – FY 2024 are:

	FY 2022	FY 2023	FY 2024
District of Columbia	\$3,206,817	\$3,270,954	\$3,336,373
Maryland	\$3,571,327	\$3,642,754	\$3,888,142
Virginia	\$5,786,618	\$5,902,350	\$6,306,966
Total - Metropolitan Washington	\$12,564,762	\$12,816,058	\$13,531,481

At the April meeting, MDOT will share its proposal for TPB’s involvement in programming the CRP funds for projects/programs in the TPB planning area. TPB staff have asked DDOT and VDOT to brief the TPB about their proposals and hope to have these presentations scheduled in the coming months.

CLIMATE POLLUTION REDUCTION GRANT PROGRAM (ITEM 11)

In 2023, U.S. Environmental Protection Agency (EPA) established the Climate Pollution Reduction Grants (CPRG) program, under the Inflation Reduction Act Section 60114. CPRG is a two-phase program providing \$250 million for noncompetitive planning grants, and approximately \$4.6 billion for competitive implementation grants. The CPRG program extends across sectors including industry, electricity generation, transportation, commercial and residential buildings, agriculture/natural and working lands, and waste and materials management.

Under Item 11, staff from COG's Department of Environmental Programs will brief the TPB on the Priority Climate Action Plan (PCAP) that was developed for the Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Statistical Area (MSA) and two planning grant proposals that COG developed alongside partners from across the District of Columbia, Maryland, and Virginia.