



Carbon Reduction Program

TPB Technical Committee
September 5th, 2025



Agenda

- Priorities for the Carbon Reduction Program (CRP)
- Available Suballocation for TPB Region
- Project Identification and Selection Process
- Recommended CRP Projects
- Next Steps

Priority Objective for Climate Focused Funding Round 2 (2025)

- Coordinate with MPOs and Project Partners at the local level to solicit eligible carbon-reducing projects for submission in order to:
 - Identify additional projects to receive CRP funding (FFY22-25 Apportionment)
- Participate in a transparent and coordinated evaluation of project proposals in order to select the projects that are most aligned with priority strategies and supports increased carbon emissions reduction from transportation projects
- Advance eligible near-term carbon reduction projects, and create a pipeline of potential future projects

Project Identification and Selection

- January – March: MDOT solicited applications for Carbon Reduction Program funds through the Climate Focused Funding Portal
 - MPOs, local governments, MDOT Modal Administrations and partners were able to apply to submit projects for consideration into the portal.
- April – July: MPO and MDOT staff participated in a multi-phase evaluation of applications
 - April: MDOT and TPB performed individual evaluations of the applications
 - May – July: MDOT and TPB staff met on May 20th and again on July 11th to reach final consensus on projects recommended for this round of CRP funding
 - Initial Evaluative Criteria:
 - GHG Reduction Potential
 - Alignment with Climate Action
 - Delivery of Milestones
 - Co-Benefits

Project Identification and Selection

- June – August: MDOT and MPOs work collaboratively to finalize the list of selected projects, and receive concurrence from MDOT Leadership. Concurrently, MDOT prepares for the TPB Technical and Board meetings in September
- September: TPB Technical and Board Meetings
- TBD: Awarded Projects Announced.

CRP Suballocation

Sub-Allocation Area	Available Balance (Now)*	Available Balance (Ant. FFY26)*
92242 – Washington – Arlington, DC-VA-MD	\$6,156,757.76	\$9,329,481.76
31519 – Frederick, MD	\$908,467.20	\$1,194,342.4
92161 – Waldorf, MD	\$594,554.24	\$786,699.04

*20% buffer is withheld from these numbers to account for potential overruns and cost increases

Funding Recommendation Summary

Project Name	Sub-allocation	Recommendation	Award
Research Boulevard Shared Use Path Feasibility and Design	Washington DC-MD-VA	Full Award	\$240,000
Zero Emission Mount Rainier Vehicles	Washington DC-MD-VA	Partial Award	\$1,255,000
North Market Street Protected Bicycle Lane – 100% Design	Frederick MD	Full Award	\$288,000
Waterford Part Intelligent Lighting Project	Fredrick MD	Full Award	\$238,700

Recommended Projects and Award – Washington DC-MD-VA

- **Research Boulevard Shared Use Path Feasibility and Design - \$240,000.00 [Washington DC-MD-VA]**

This project is to evaluate the feasibility of constructing a shared use path along Research Boulevard in the City of Rockville and to prepare a 65% engineering design for its construction. The project will evaluate using the existing right-of-way to provide a safe and separated facility for alternative transportation modes.

- **Zero Emission Mount Rainier Vehicles - \$1,255,000 – Partial Award [Washington DC-MD-VA]**

The City of Mount Rainier seeks to replace all fuel-burning cars and trucks used by its Public Works Department with clean all-electric vehicles. Recommended partial award (2 refuse trucks & 2 chargers).

Recommended Projects and Award – Frederick MD

- **North Market Street Protected Bicycle Lane – 100% Design – \$288,000.00 [Frederick MD]**

This project will complete the 100% design for a two-way protected bicycle lane (PBL) or functional equivalent along North Market Street (7th St to North East St, and Schifferstadt Blvd to Routzahn Way) and related connections in Frederick. The design will create a continuous, safe, all-ages-and-abilities bicycle route connecting downtown, schools, and services to northern Frederick neighborhoods.

- **Waterford Park Intelligent Lighting Pilot - \$238,700.00 [Frederick MD]**

This project will replace existing park lighting in Waterford Park with Dark Sky-compliant, sensor-controlled reactive lighting that dims or turns off when no users are present. This pilot program will reduce energy consumption, minimize light pollution, and serve as a model for future lighting upgrades throughout the city.

Next Steps

- Request TPB Steering Committee consider Resolution SR5-2026 to approve four projects in Maryland for Carbon Reduction Program funding
- MDOT will prepare award letters and begin coordination with applicants for project-specific agreements and moving towards obligating funds

Thank You!

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