MDOT MARYLAND DEPARTMENT OF TRANSPORTATION

Climate Focused Funding Portal: *Emissions Reduction Program*

Application Questions

This document provides an overview of the climate focused funding portal application. Bold text represents the questions in the application and the italicized text represents additional instructions. For any questions on the application please contact abreitenother@mdot.maryland.gov.

Legend:

- Bold Text – Application Questions
- Italicized Text – Additional Instructions
- *Required Questions

SECTION 1: PROJECT COMPONENTS

1. *Project Name
2. **Project ID or Number** *– this is a unique project ID for your organization, if you do not have a unique ID, leave it blank.*
3. ***Project Sponsor –** Two-part answer:*
    - You will select the organization type from provided options
    - Short answer to provide your organization or agency's full name.
4. ***Select the MPO Region your project is located in –** to check your MPO region, please see the map here: https://roads.maryland.gov/mdotsha/pages/index.aspx?PageId=508*
5. ***Project Point of Contact –** Please provide the name, title, email, and phone number for the contact who can best answer project specific questions (i.e. a Project Manager or Project Engineer)*
6. ***Would you like to provide a secondary contact?** - Please provide the name, title, email, and phone number of the secondary contact.*
7. ***Does the project manager have prior experience with federal-aid funded projects, the federal procurement process, and federal regulations? –** The answer to this question will not exclude you from receiving funding under this opportunity. This question will provide MDOT with important information to inform support and coordination needs for the program.*
    - **If yes, please select which program(s) the project manager has experience with and provide a brief summary of your experience managing federal funds.**

      Please select which program(s) the project manager has experience with. When possible, provide details of the experience with federal-aid funded projects.

      ☐ Bridge Program
      ☐ TA/Rec Trails
      ☐ Safe Routes to School
      ☐ Other

- **If no, please describe your organizational structure that exists to manage sub-recipient funding and how it will allow you to receive and utilize federal funding under this opportunity.**

Project Location

8. ***Is your project location specific?**
   - ***If yes, required: County, City /Optional: Route and Mile Points**
     - ***Provide a Google Map link or map upload of your specific project location.**
   - **If no, please describe the location(s), region or distribution of your proposed project.**
     - **Provide a Google Map link or map upload of your specific project location.**
9. ***Is your project located in an identified vulnerable area (e.g. CS-CRAB, Community Flood Risk Area, slope failure location, etc.?)** – *Vulnerable area determination can be made via one of the suggested tools or a tool as identified by you. See the Resources Guide for additional tool suggestions.*
   - **If yes, please provide a brief explanation as to how you determined your area was vulnerable. Provide information on the adaptation measures you will take to mitigate the risk.**

Project Type and Phase

10. ***Project Phase**
    - **Planning**
    - **Design – please select Preliminary (Pre-NEPA) or Final (Post-NEPA)**
    - **Right of Way**
    - **Construction/Utilities**
    - **Other (This includes any non-construction projects such as equipment purchases, lighting upgrades, etc.) – Please provide details about the phase your project is in.**

Project Cost and Matching funds

11. ***Overall Project Cost**
12. ***Please upload an estimate for the cost of your project. Be sure your upload includes cash-flows for all years you are requesting funding, and any match available.**

Project Readiness

13. ***Project Readiness -** *Upload your "project Readiness" Form and any relevant permit documentation. In the box below, you may provide any additional or key details relating to your project's readiness for obligation.*

14. ***Will your project require any Right-of-way acquisition?**
    o **If yes, please provide status and when you expect ROW to clear.**

15. ***Is your project listed in the most recent STIP/TIP?**
    o **If yes, please provide the STIP/TIP ID, including the control number.**

16. ***Does your project support a priority need identified by the modal administration, MPO, or locality?**
    o **If yes, please list which priority(ies) the project supports.**

SECTION 2: EMISSIONS REDUCTION COMPONENTS
The following section will collect information on the scope of your project and collecting details on the specific decarbonization and emissions reducing components of your project.

17. ***Project Scope – Provide an overview of your project scope. The description should include a clear identification of purpose and need, and the proposed approach to addressing that need.**

Project Components
Select all project components present in your proposed project. An answer box will appear for every component selected. In those boxes please provide an explanation as to how that project component presents in your project and how it is expected to reduce emissions or contribute to decarbonization.

18. ***Select all project components present in your proposed project.**

☐ Traffic monitoring, management, and control facility or program

☐ Public transportation projects under 23 U.S.C. 142

☐ On-road and/or off-road pedestrians and/or bicycle trail facilities

☐ Advanced transportation and congestion management technologies in 23 U.S.C. 503 (c) (4)(E)

☐ Infrastructure-based Intelligent Transportation Systems (ITS)

☐ Energy-efficient Street lighting and traffic control device replacement

☐ Congestion pricing and transportation demand management (TDM)

☐ Efforts to reduce environmental and community impacts from freight movement

☐ Projects to support deployment of alternative fuel vehicles, including electric vehicles

☐ Diesel engine retrofits

☐ Projects to improve traffic flow under CMAQ (23 U.S.C. 149 (b)(5) and 175(c)(1)(L)

☐ Projects that reduce transportation emissions at port facilities

☐ Public transit projects

☐ Other

19. **It is encouraged, when possible, for you to provide the estimated emissions reduction from implementing this project. Please provide the assumptions used to calculated the emissions reduction and the output from any tools used. Providing an estimate of greenhouse gas emissions can help your project and its evaluation. In the resources document there is a list of recommended tools by project type to help estimate the greenhouse gas emissions benefit.**
    o **Upload estimated emissions reduction and assumptions documentation.**

SECTION 3: RESILIENCE COMPONENTS (optional)
All resilience questions are optional, if you do not wish to include information pertaining to the resilience details of your project, you may proceed to the review page of this application to provide your electronic signature and submit this form.

20. **Which category(ies) does your project fall into?** *– for each category selected a pop-up box will appear, please provide details on the category.*
    o **Planning**
    o **Resilience Improvement**
    o **Evacuation Planning**
    o **At-Risk Coastal Infrastructure**
21. **Please Indicate which hazards have been identified that may impact the safety, functionality, and resilience of existing infrastructure/assets, check all that apply.**
    o **Flood Hazards (Coastal, Riverine, Nuisance, Flash Flooding)**
    o **Extreme Temperatures (Extreme Cold, Excessive heat) / Drought**
    o **Severe Weather (Tornadoes, Thunderstorms, Winter Storms, Wildfires, Wind Events)**
    o **Soil Movement (Landslides, Rockfall, Slope/Dam failure, Subsidence)**
    o **Other – Please describe the "other" hazard(s).**

Project Scope

22. **Describe project components which will reduce the impacts from identified threats. Please be sure to include any natural or nature-based features that exist in your site location, or that are included in the design of the project.**
23. **Is there any critical infrastructure included in the scope of this project?**
    o **If yes, please identify what critical infrastructure is included in the scope of this project?**
24. **Does your organization have a climate resilience checklist or similar document to upload as a part of this application?**
    o **If yes, please upload your organizations climate resilience checklist.**

Resilience Metrics

25. **Will this project help meet the identified resilience targets in the long-range transportation plan (LRTP) or other agency plan.**
    o **If yes, please identify the plan and the resilience metric your proposal supports.**

26. **Is your project prioritized within the current MDOT Transportation Resilience Improvement Plan (TRIP)?**

Design Life & Components

27. **Timeframe: What is the anticipated design life for your project?**
    - **Short-term project (design life <25 years)**
    - **Medium-term project (design life between 25-50 years)**
    - **Long-term project (design life between 50-100 years)**
    - **Very long-term project (design life > 100 years)**
28. **Does your project include assumptions for level of service requirements throughout the design life?**
    - **If yes, please describe the assumptions for level of service requirements.**
29. **Does your project consider long-term maintenance and operations needs throughout the design life?**

SECTION 4: ADDITIONAL PROJECT DETAILS AND REVIEW

30. **Please provide any additional information you feel is relevant to the review and evaluation of your project.**
31. **Please upload any additional documents you would like to include with your application.**