



**BALTIMORE
METROPOLITAN
COUNCIL**



PROTECT Program Application: Baltimore Regional Roadmap to Resilience

Presentation to BRTB
August 22, 2023



Agenda

- Overview of PROTECT Program
- Overview of Baltimore Regional Roadmap to Resilience Application

Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) Program

“The vision of the PROTECT Discretionary Grant Program is to fund projects that address the climate crisis by improving the resilience of the surface transportation system, including highways, public transportation, ports, and intercity passenger rail.”

PROTECT Program highlights need to focus on disadvantaged/overlooked communities

Category	Approximate Funding Available this Round
Planning Grants	Up to \$ 45 million
Resilience Improvements	Up to \$ 638 million
Community Resilience and Evacuation Route Grants	Up to \$ 45 million
At-Risk Coastal Infrastructure Grants	Up to \$ 120 million

Identified Interest and Need in the Region

- **Builds on local, state and regional work, including the regional documents:**
 - [Climate Change Resource Guide](#)
 - [Climate Resilience Guidance for Local Jurisdictions](#)
 - [Recommendations for Interjurisdictional Coordination on Climate Resilience](#)
- **Interjurisdictional coordination recommendations included:**
 - Develop a resilience strategy to be implemented collaboratively.
 - Consider opportunities to build on ongoing efforts of interjurisdictional collaboration.
 - Identify opportunities for sharing state/Federal grants and funding.

Overview: Baltimore Regional Roadmap to Resilience (R3)

- Includes entire Baltimore region
- Application submitted by the Resilience Authority of Annapolis and Anne Arundel County
- Application development support from all jurisdictions, Resilience Authority, MDOT, MDE, MDEM, and South Baltimore Gateway Partnership
- Letters of support: BMC, BRTB, MDEM, South Baltimore Gateway Partnership
- Request: \$1,302,650

Baltimore R3 Proposed Scope of Work

- **Preliminary Task: Develop and Implement a Stakeholder Engagement Plan**
 - Develop and implement a deep and meaningful stakeholder engagement effort that identifies the full breadth of program stakeholders, generates program awareness, fosters collaboration, builds trust, identifies opportunities, and creates equitable and mutually beneficial outcomes.
- **Phase 1: Develop the Baltimore Region Transportation Resilience Improvement Plan (TRIP)**
 - The Baltimore Region Transportation Resilience Improvement Plan (TRIP) will be developed using a systemic and collaborative approach to planning for system resilience and will include three parts:
 - Regional Infrastructure Vulnerability Assessment: to provide a regional understanding of transportation system vulnerability to natural disasters;
 - Regional Infrastructure User Vulnerability Assessment: to provide a regional understanding of transportation system user vulnerability to natural disasters; and
 - Regional Transportation Resilience Action Plan: to prioritize strategies to build system resilience and enhance safety for all system users.
- **Phase 2: Revenue Mapping**
 - Develop a portfolio based on the anticipated timing of impacts and the corresponding need for investment. The resulting sustainable revenue plan will address short-, mid- and long-term implementation needs and time horizons to ensure regional transportation resilience for infrastructure and all users in the long-term.

Requirements for a Resilience Improvement Plan

Resilience Improvement Plan: The application provides detailed information about how the planning project will:

- Identify short- and long-range planning activities and investments with respect to the multimodal resilience of surface transportation;
- Include input from Tribes or Federal Land managers as well as local governments; and
- Include a systemic approach to transportation system resilience and critical needs including a risk-based assessment of vulnerabilities of transportation assets and systems to current and future weather events and natural disasters.

Source: PROTECT Program Notice of Funding Opportunity

Benefits of a Resilience Improvement Plan

- **Match requirement can be reduced for other resilience projects**
 - by 7% if a Resilience Improvement Plan is in place and the proposed project is prioritized in the RIP.
 - by 3% if the Resilience Improvement Plan has been incorporated into the metropolitan transportation plan or long-range statewide transportation plan.

Reduction of Non-Federal Share for Resilience Grants			
Project is Prioritized in a Resilience Improvement Plan (23 U.S.C. § 176(e)(1)(B)(i))		Resilience Improvement Plan is Incorporated in Other Planning (23 U.S.C. § 176(e)(1)(B)(ii))	
7% Reduction		3% Reduction	
Eligible Entity (Applicant)	Requirements	Eligible Entity (Applicant)	Requirements
State or MPO	1. Developed a Resilience Improvement Plan in accordance with 23 U.S.C. § 176(e)(2); and	State or MPO	The Resilience Improvement Plan developed in accordance with 23 U.S.C. § 176(e)(2) has been incorporated into the

Source: PROTECT Program Notice of Funding Opportunity

Proposed Baltimore R3 Partners

- **Local jurisdictions**
 - Transportation, Public Works, Planning, Emergency Management, Sustainability, and Equity
- **State agencies**
 - Transportation, the Environment, and Emergency Management. Other state agencies that will be invited to participate in the project include but not limited to: Departments of Planning and Disabilities.
- **Other community organizations**
 - South Baltimore Gateway Partnership Sustainable Transportation Work Group of the Baltimore City Sustainability Subcabinet, Central Maryland Transportation Alliance, Chesapeake Bay Foundation, Interfaith Partners for the Chesapeake, Maryland Silver Jackets Team, and Baltimore Urban Waters Partnership

Proposed Schedule

SCHEDULE	Year 1				Year 2		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3
ADMINISTRATION AND CONTRACT MANAGEMENT							
Resilience Authority of Annapolis and Anne Arundel County/Contract Management							
Baltimore Metropolitan Council							
STAKEHOLDER ENGAGEMENT PLANNING AND OUTREACH							
Develop Stakeholder Engagement Plan							
Implement Stakeholder Engagement Plan							
PHASE 1 DEVELOP THE BALTIMORE REGION TRIP							
Conduct Regional Infrastructure Vulnerability Assessment							
Conduct Regional Infrastructure User Vulnerability Assessment							
Prepare Regional Transportation Resilience Action Plan							
Compile Regional Transportation Resilience Improvement Plan							
PHASE 2 REVENUE MAPPING							
Perform Revenue Mapping							

For More Information

Eileen Singleton, P.E. | Principal Transportation Engineer

410.732.0500 x 1033 | esingleton@baltometro.org | www.baltometro.org

 @BALTOMETROCOUNCIL

 @BALTIMORE METROPOLITAN COUNCIL

 @BALTIMORE METROPOLITAN COUNCIL

