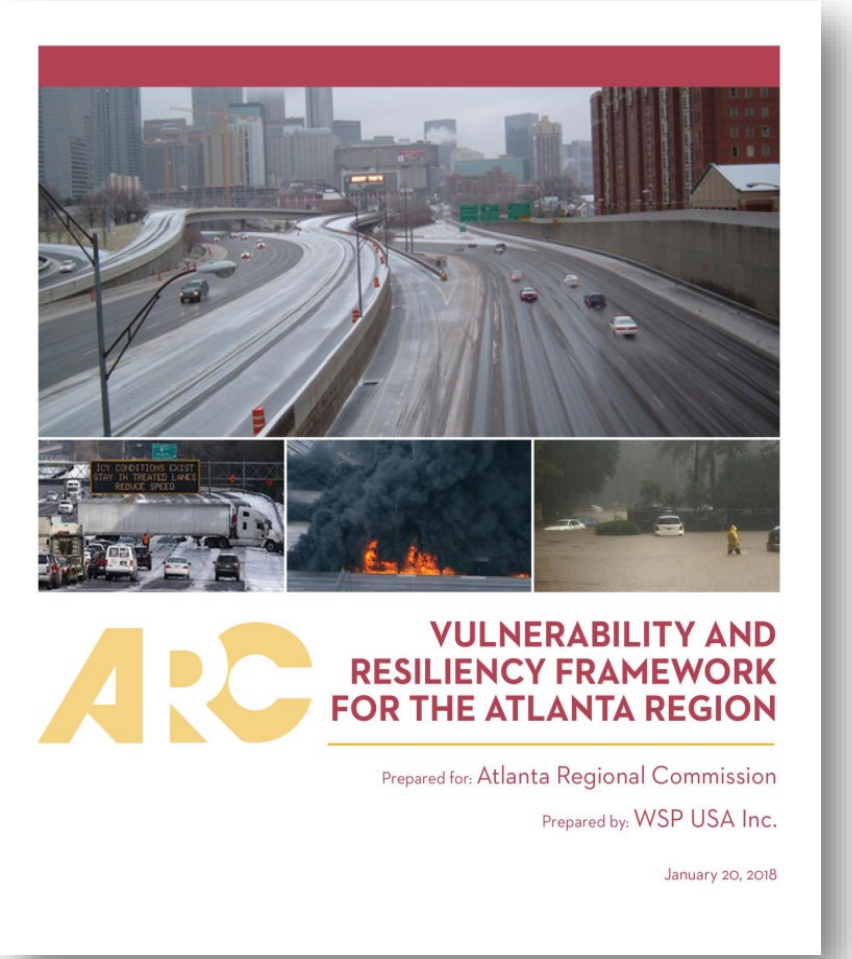
Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) Grant

Tejas Kotak
Principal Planner
tkotak@atlantaregional.org

ARC
Atlanta Regional Commission

Atlanta Resilience Improvement Plan

- $1.5 million PROTECT Grant Funding
  - 100% from feds, no local match
- Builds on the Vulnerability and Resiliency Framework for the Atlanta Region
- Creation of the Plan and integration of it into the MTP gains local stakeholders a 10% reduction in local match if they apply for PROTECT grants or use PROTECT formula funding
  - Projects are 90% federal, 10% local match funded



Competitive resilience improvement grants to protect…

- Surface transportation assets
  - By making them more resilient to current and future weather events and natural disasters,
    - such as severe storms, flooding, drought, levee and dam failures, wildfire, extreme weather, including extreme temperature, and earthquakes;
- Communities
  - Through resilience improvements and strategies that allow for the continued operation or rapid recovery of surface transportation systems that serve critical local, regional, and national needs,
    - including evacuation routes, and that provide access or service to hospitals and other medical or emergency service facilities, major employers, critical manufacturing centers, ports and intermodal facilities, utilities, and Federal facilities;
- Natural infrastructure that protects/ enhances surface transportation assets while improving ecosystem conditions,
  - including culverts that ensure adequate flows in rivers and estuarine systems

ARC Resilience Improvement Plan - Tentative Structure

- Element 1: Data-Informed Resilience Assessment
  - Create a flood risk tool for linear multimodal surface transportation systems
- Element 2: Stakeholder Engagement and Collaboration
  - Input from local governments about areas of critical need
  - Meaningful opportunities for community engagement and access to project information
- Element 3: Resilience Measures and Implementation
  - Short-range: retrofits, slope failure stabilization, and related projects to improve resilience for the current transportation infrastructure
  - Long-range: enhancements to improve the future resiliency of the surface transportation network
    - increased hydraulic capacity for drainage systems (e.g., using a future conditions design storm)
  - Analysis to prepare and rank the best solutions (feasibility and cost-effectiveness)
- Element 4: Integration with MTP, TIP project selection, and funding policies

Questions or Comments?