



# Bipartisan Infrastructure Law Impact

**Andrew Heath, P.E.**  
**Deputy Chief Engineer**

**May 11, 2022**

# Bipartisan Infrastructure Law (BIL)

**EXISTING  
FORMULA- PLUS  
UPS**

**NEW FORMULA**

**DISCRETIONARY**

**POLICY &  
PROGRAMS**



# BIL Programs

## Georgia's Additional Highway Trust Fund Formula Apportionment by Program

Federal Transportation Programs	Increase over FAST Act FY21 to FY22	Annual Growth FY23 to FY26	
National Highway Performance	+\$137M (+17.1%)	+2.0%	
Surface Transportation Block Grant	+\$55M (+13.9%)	+2.0%	
Highway Safety Improvement	+\$19M (+23.8%)	+2.2%	
Railway-Highway Crossing	No Increase	No Increase	
Congestion Mitigation & Air Quality	+\$1.6M	+2.0%	
Metropolitan Planning	+\$1.9M	+2.0%	
National Highway Freight Program	-\$3.4M	+2.0%	
Carbon Reduction	+\$41M	+2.0%	New Program
PROTECT Formula	+\$46M	+2.0%	New Program

## Georgia's in Additional Federal General Fund (Non-HTF) Formula Apportionment by Program

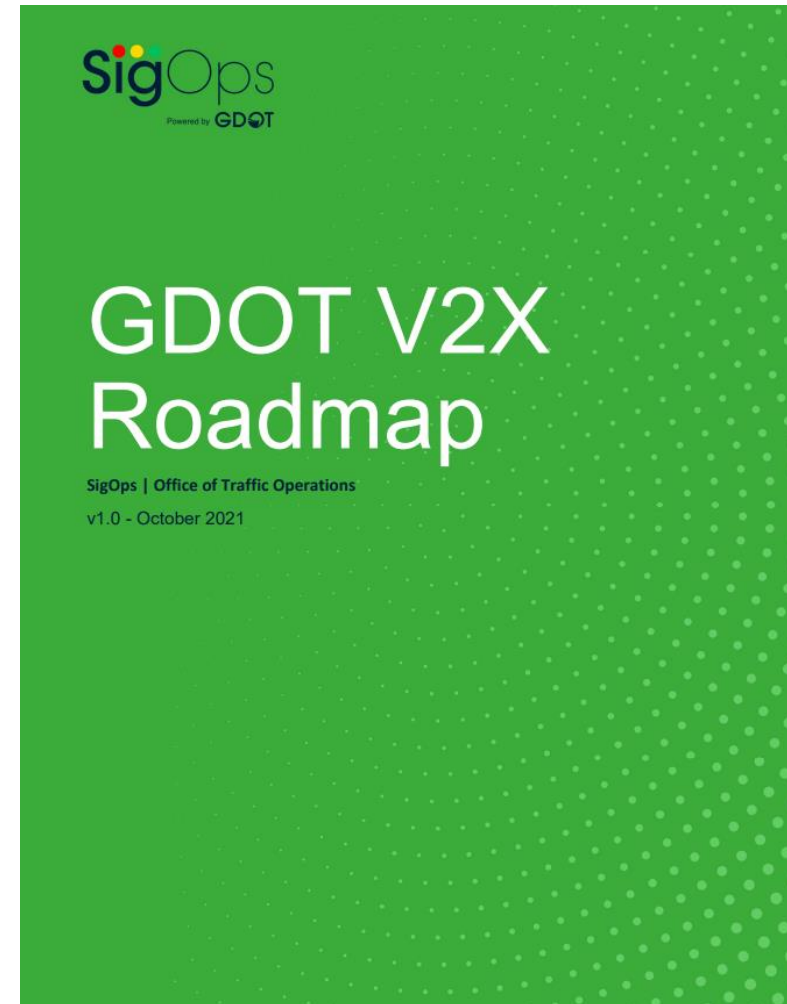
Poor/Fair Bridge Rehab/Replacement	+\$45M	No Increase	New Program
Electric Vehicle Charging Infrastructure	+\$20M	No Increase	New Program

# New Carbon Reduction Formula Program

Purpose	Provide funding for projects to reduce transportation emissions or the development of carbon reduction strategies.
Funding	<ul style="list-style-type: none"><li>• ~\$6.4 B (FY 22-26) to States</li><li>• ~\$40.5M/year to Georgia</li></ul>
Distribution	<ul style="list-style-type: none"><li>• Apportioned to States by formula</li><li>• 65% of funds are suballocated (certain areas based on population)</li></ul>

# New Carbon Reduction Formula Program – Eligible Uses

- Traffic Monitoring, Management, Control
- On/Off Road Trail facilities for non-motorized uses
- Advanced Transportation and Congestion Management Technologies
- ITS (Intelligent Transportation Systems) project; Connected Vehicle Deployment/Retrofit\*
- Street Lighting/Energy Efficient
- Transportation Demand Management
- Others



\*CR funds could be used on connected vehicle expansion

# New Carbon Reduction Formula Program – Key Provisions

- Carbon Reduction Strategy
- Requires states, in consultation with MPOs, to develop a carbon reduction strategy and submit to USDOT/FHWA for approval
  - Support efforts to reduce emissions
  - Identify Projects and Strategies
- 65% Suballocation
  - **Coordination** in Urban areas
  - **Consultation** in Rural areas
  - Planning leading Coordination
  - Remaining amount (Any area) ~\$14.1M/year
- Funds can be 'flexed' to FTA to fund transit projects



\*CR funds could be used on projects similar to above

## New PROTECT\* Formula Programs

Purpose	Planning, resilience improvements, community resilience and evacuation routes, and at-risk coastal infrastructure
Funding	<ul style="list-style-type: none"><li>• \$7.3B (FY 22-26) to States</li><li>• ~\$46M/year to Georgia</li></ul>
Distribution	<ul style="list-style-type: none"><li>• Apportioned to States by formula</li></ul>

\*Promoting, Resilient Operations for Transformative, Efficient, and Cost-saving Transportation



# PROTECT Formula Program – Eligible Uses

- Broad Eligibility
- Highway Project Eligible for Assistance under Title 23
- Public Transportation Service eligible for assistance under Title 49
- Port Facility
  - Connects Port to other Modes
  - Improves efficiency of evacuations/disaster relief
  - Aids transportation
- Strengthen and Protect Evacuation Routes; Increase Resilience of Transportation Infrastructure
- Awaiting further guidance



\*PROTECT funds could be used on projects on Evac Routes above





# PROTECT Formula Program – Key Provisions

- May not use more than 40 percent of funding for construction of new capacity
- May not use more than 10 percent of funding for planning activities
- Resilience Improvement Plan
  - Reduce match requirement by 7% with developed plan/project incorporation
  - Reduce match requirement by 3% if resiliency plan is incorporated into long range plan.
  - Include Planning activities, systemic approach to resiliency, risk-based assessment of vulnerabilities

# New Bridge Formula Program

- New Bridge Formula Program (BFP)
- GDOT Bridge allocation: \$225M for FY22 through FY25 (**\$45M per FY\*\*\***)
- Eligible for Replacement, Rehab, Preservation, Protection, Construction
- 100% share for locally owned on local roads
- Advanced Appropriations

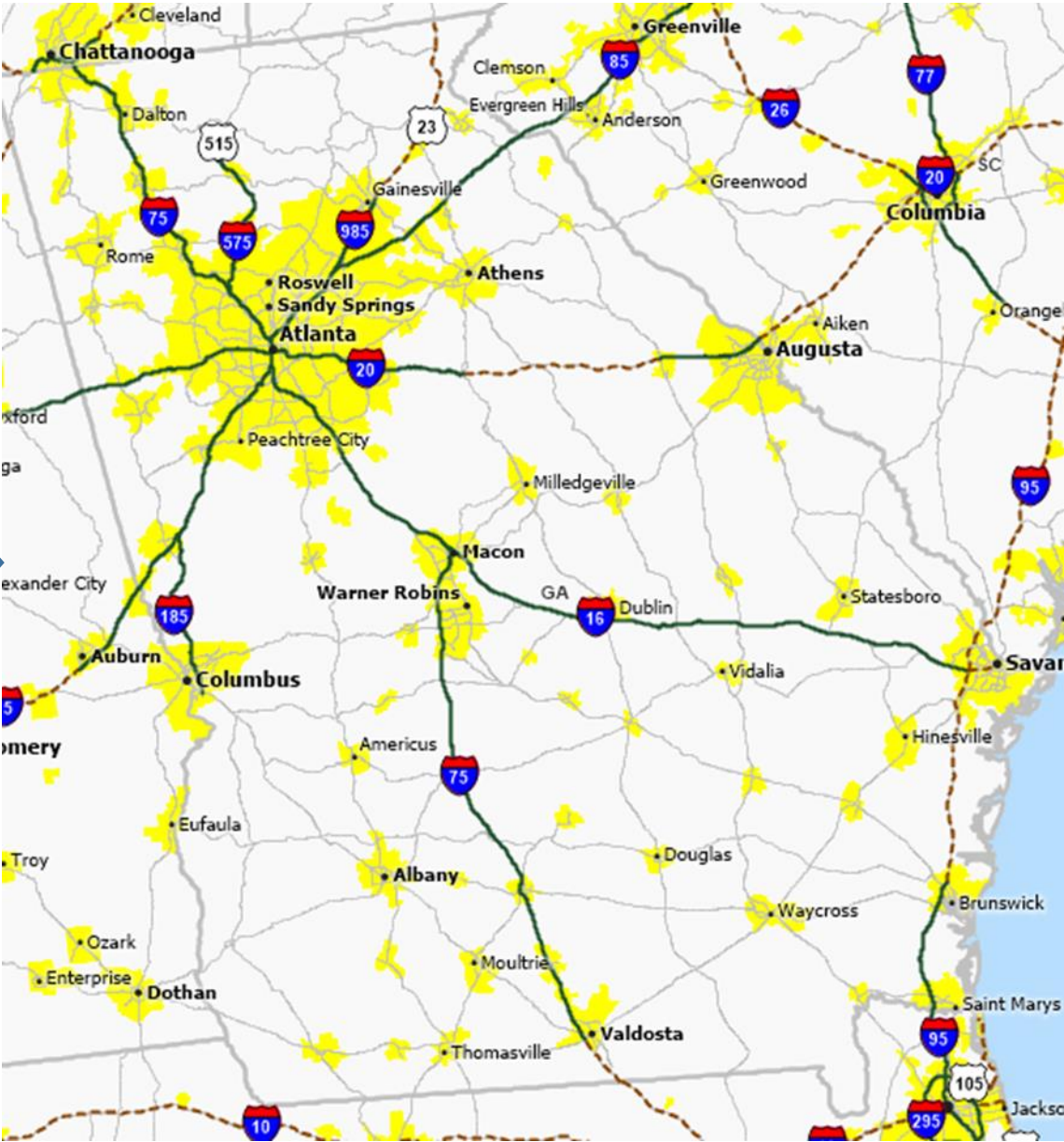
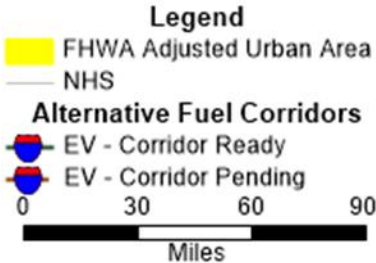


# Building Out Georgia's EV “Alternative Fuel Corridors”

Federal Fiscal Year	Formula Allocation to GDOT (\$ millions)
2022	\$ 20.0
2023	\$ 24.3
2024	\$ 24.3
2025	\$ 24.3
2026	\$ 24.3

Allocated per GDOT's EV Charging Infrastructure Plan (due Aug 1)

\*  
\*  
\*  
\*



# Federal Requirements for State EV Charging Station Plan

- ☐ **State Agency Coordination** with State's energy and/or environment department
- ☐ **Public Engagement**
- ☐ **Plan Vision and Goals**
- ☐ **Contracting** (including engagement of third-party entities)
- ☐ **Existing and Future Conditions Analysis**
- ☐ **EV Charging Infrastructure Deployment**
- ☐ **Implementation**
- ☐ **Civil Rights & Equity Considerations**
- ☐ **Labor and Workforce Considerations**
- ☐ **Cybersecurity**

# Outline of GDOT's Electric Vehicle Charging Plan

- 1. Options for deployment of formula funds**  
in IIJA/BIL for the acquisition and installation of  
publicly-accessible EV charging infrastructure
- 2. Recommendations based on market-driven validation**  
of prioritized buildout of EV Charging Stations  
on Georgia's EV Alternative Fuel Corridors
- 3. Implementation plan**  
that compiles with forthcoming guidance  
and FHWA requirements



# Questions?

**Andrew Heath, P.E.**  
**Deputy Chief Engineer**