

Transportation Funding Act of 2015

10 Year Strategic Transportation Plan & Project Prioritization



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Transportation Funding Act 2015

O.C.G.A. § 32-5-27.1

Priority shall be given:

- Maintenance
- Expansion and improvement of highway infrastructure

Where:

- areas most impacted by traffic congestion
- areas of this state in need of highway infrastructure to aid in attracting economic development

Bring forward all efficiencies found within the bureaucracy of the Department and how those funds have been redirected to road construction

Transportation Funding Act 2015

Annual 10-Year Strategic Plan

- Review/Approval and Recommendation to Appropriations Committee
- Includes target % of resources and sources;
 1. Construction of new highway projects
 2. Maintenance of existing infrastructure
 3. Bridge repairs and replacements
 4. Safety enhancements
 5. Administrative expenses

Strategic Planning

- ✓ Statewide Strategic Transportation Plan
- ✓ Statewide Transportation Improvement Program
- ✓ MPO's: Transportation Improvement Program
- ✓ Statewide Freight & Logistics Action Plan
- ✓ Managed Lane Implementation Plan
- ✓ County/Multi County Transportation Plans
- ✓ Asset Management: Bridges and Pavements
- ✓ Strategic Highway Safety Plan

10-Year Strategic Plan

Project Prioritization processes are unique for each category;

1. Construction of new highway projects
2. Maintenance of existing infrastructure
3. Bridge repairs and replacements
4. Safety enhancements
5. Administrative expenses

Construction of New Highway Projects

Project Types:

- Widening (2-4 lanes, Passing Lanes, etc.)
- New location roadways
- Interchange reconstruction
- Express lanes

Sources:

- State
- Federal: NHPP, STP, NFP, CMAQ

Construction of New Highway Projects

- **Prioritization Goals:**

- Determine a uniform statewide scoring criteria to make holistic data driven based decisions
- Quantitative process that utilizes resources, assets, and data
- Determine a uniform value of projects to assist in making informed decisions

- **Scoring Criteria Factors**

- Tier 1 Key criteria
- Tier 2 Additional Scoring Criteria

Construction of New Highway Projects

Tier 1 - Key Criteria for project scoring:

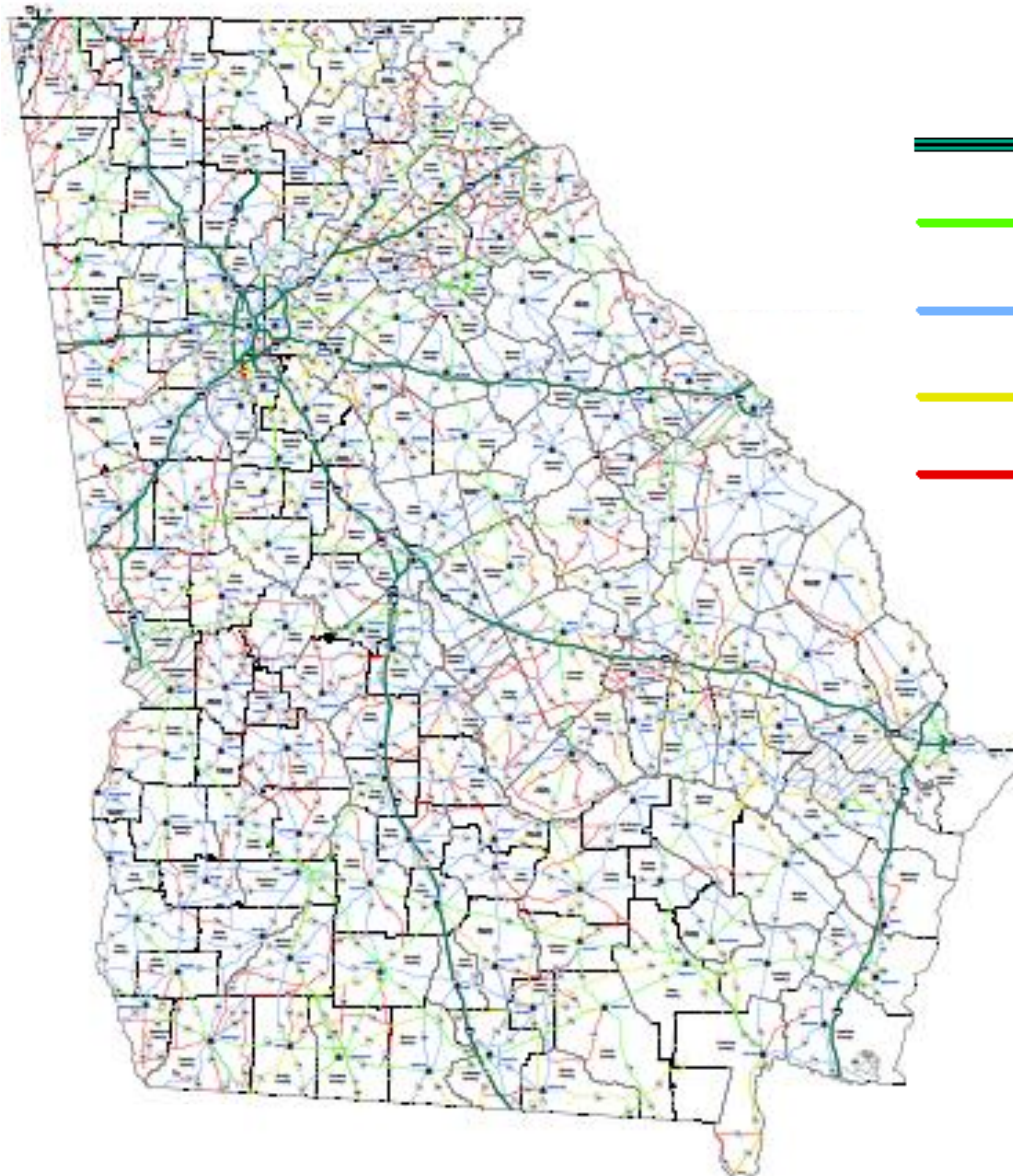
- Freight Network
- GRIP Prioritization Review
- State Route Prioritization (Office of Transportation Data)
- GDOT's Freight & Logistics Plan

Construction of New Highway Projects

Tier 2 – Additional Scoring criteria:

- Identified in a GDOT study
- Statewide Strategic Transportation Plan goal(s)
- Level of Service
 - Review of Future Congestion Levels (no-build vs build scenarios)
- Safety Factor (Crash Data review)
- Regional Traffic Operations Program (RTOP) Corridor
- Local Government Support
 - Signed agreements in place to locally fund project
- Pavement condition
- Approved Concept Report

State Route Prioritization



- Interstate
- Critical State Route
- High Priority State Route
- Medium Priority State Route
- Low Priority State Route

State Route Prioritization

- GDOT undertook an assessment of the State's 18,000 centerline miles.
- Developed a Simplistic Hierarchy: Critical, High, Medium, and Low
- Benefits
 - Allocation of maintenance funding
 - Ensure a high-level of service and quality on Critical and High Priority Routes
 - Prioritize how the State Routes function
- GDOT Division Offices/Districts involved

State Route Prioritization Criteria

Critical

- National Freight Network & State Freight Corridors
- Interstates
- STRAHNET/ STRAHNET Connectors/ Intermodal Connectors

High

- National Highway System (NHS)
- U.S. Routes
- Georgia Road Improvement Program (GRIP)

Medium

- Sole Connections Between County Seats
- AADT (Variable Thresholds Based Upon Geographic Location)
- Georgia Emergency Management Agency Evacuation Routes

Low

- All Other Uncategorized Routes
 - Low Connectivity
 - AADT (Variable Thresholds Based Upon Geographic Location)
 - Total Lanes ≤ 4

Maintenance

Types of Projects

- Statewide Resurfacing Program
- Pavement Preservation
- Statewide Restriping



Maintenance Prioritization

Primary Risk Rating Factors:

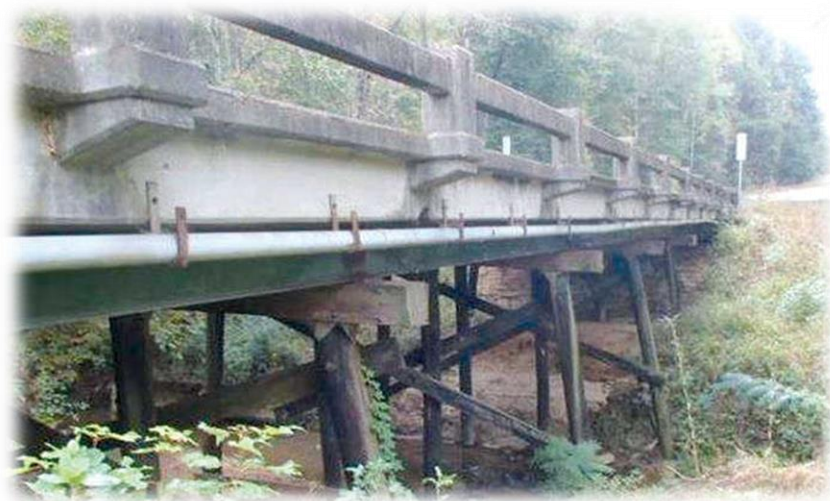
- **COPACES Rating (Computerized Pavement Condition Evaluation System)**
- **AADT, Truck Percentage, Population**
- **State Route Prioritization**



Bridge Program

Types of Projects:

- State Route Bridge Maintenance
 - Bridge Painting, Repair & Rehabilitation
- State Route Bridge Replacement
- Off system Low Impact Bridge Program
- Off System Design-Build Bridge Bundles



Bridge Program Prioritization

Primary Factors

- **Age of Bridge**
- **Sufficiency Rating - Overall rating of bridge fitness**
 - **Structural Evaluation**
 - **Functional Obsolescence**
 - **Condition**
 - **Importance - access to critical facilities (hospital, military bases, etc.), detour length**

Safety Enhancements

Types of Projects:

- Location Specific Improvements
 - Roundabouts & Intersections
 - Traffic Signals
 - Pedestrian Upgrade Projects
 - Lighting
 - ITS & Operational Improvements
- Systemic Improvements
 - Guardrail & Cable Barrier
 - Edgeline & Centerline Rumble Strips
 - Sharp Curve Treatments
 - Sign Upgrades
 - Railroad Crossing Safety



Safety Enhancement Prioritization

Primary Factors (Safety Program):

- **Number & Type of Crash** (Fatal, Injury, Property Damage only)
- **Crash Reduction Factors/Crash Modification Factors**
- **Road Safety Audit Data**
- **Programmed Systemic Improvements**



Safety Enhancement Prioritization

Traffic Signal Upgrade Program:

- Equipment Age and District Priority

Operational Improvement Program

- Apparent Operational Benefit and Approval from Operational Improvement Review Committee
- System ITS Projects



10 Year Plan: Next Steps

- Project evaluation processes are data driven
- 10-Year Plan will be implemented through the approval processes all projects currently follow:
 - 4 year STIP development and approval
 - Fiscally constrained, congressionally balanced
 - Monthly lettings
- Board Policy 2-D: Update to current practice

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Transportation Funding Act Project Search

SEARCH CRITERIA


County:	Select Counties	Congressional District:	Select Congressional Districts
Project Type:	Select Project Type	State House:	Select State House
Work Type:	Select Work Type	State Senate:	Select State Senate
Funding Source:	Select Funding Source		

Search **Reset**

Note: If you experience issues using the Search Criteria, and are using Internet Explorer 11, please try using Google Chrome

 Preconstruction  Under Construction

MAP



The map displays the state of Georgia with major highways and cities labeled. Blue lines indicate preconstruction projects, and red lines indicate projects under construction. The map is centered on the Atlanta area, showing projects extending to the north, south, and east.