

SPLOST 2020 Program

Transportation & Public Works Department
Proposed Project Presentations
January 30, 2019



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Project #15 – Bridge Improvement Program

Preventative maintenance to extend useful live of bridges

By the numbers:

- **42 bridge structures** maintained by Athens-Clarke County
- **2 bridges** programmed for replacement
 - Belmont Road over Shoal Creek
 - Tallassee Road over CSX Railroad
- **4 bridges (10%)** posted to restrict heavier truck movements
- **12 bridges (29%)** greater than 50-years old
- **78.2** average sufficiency rating of ACC bridges (out of 100)
- **40 years:** average age of ACC bridge structure
(Average age remains constant even with programmed replacements)

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#15 – Bridge Improvement Program 1 of 5

Project #15 – Bridge Improvement Program

GDOT-Recommended Maintenance

- FHWA requires biennial inspection of all bridges
- GDOT performs inspections throughout GA
- Inspection reports provided to local governments
- GDOT identifies:
 - Load Postings
 - Recommended Maintenance
 - Sufficiency Ratings



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What are some eligible activities?

- Repair or seal deck joints
- Paint beams and exposed piles
- Clear vegetation
- Overlay bridge deck
- Concrete repair
- Repair erosion and settlement
- Clear vegetation

Joint Seal



FHWA Bridge Preservation Guide (2018)

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Why fund this project?

- **Cost:** delays the need for costly reconstruction or replacement projects
- **Sustainability:** prolongs the life of existing infrastructure
- **Resiliency:** prevents bridges from becoming “posted”
- **Property Taxes:** removes the burden of funding from the General Fund

Before and After Bridge Painting



FHWA Bridge Preservation Guide (2018)

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Impacts of Not Funding:

- Limited ability to repair and maintain aging bridges
- More frequent requests to replace bridges
- Increased number of “posted” bridges
- Increased disruption of bridge replacement projects

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Questions?

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