

**Submitted By:** Transportation & Public Works  
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**Project Type:** Streets/Roads/Bridges related projects - Transportation & Public Works Department

**General Program Goal:** Economic Prosperity

**Previously Submitted and Rejected:** Yes - SPLOST 2020

**Continuation Project:** No

**Project Total Cost:** \$ 3,817,000

**Total Annual Operating Cost:** \$ 1,000

**Abbreviated - Project Description:** The Sign Replacement Program upgrades/replaces regulatory and street name signs overhead and ground mounted with new high-reflectivity signs compliant with the Federal requirements as outlined in the Manual on Uniform Traffic Control Devices (MUTCD).

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**Project Location/Address:** Athens-Clarke County

**Is the Site currently owned by the Unified Government of Athens-Clarke County?** Yes

**Is the Site within State Highway Rights-of-Way?** No

**Site Specific Information:** Athens-Clarke County

**Does this Project require the acquisition of any land rights, whether existing sites, new site, easements, or Rights-of-Way?** No

**Project/Program Description:** The Sign Replacement Program upgrades street name signs overhead and ground mounted. The program will install high-reflectivity signs compliant with the Federal requirements as outlined in the Manual on Uniform Traffic Control Devices (MUTCD).

**Project Mission Statement/Selection Criteria:** Many regulatory and street name signs are beyond the useful lifespan. Older signs lack sufficient reflectivity which degrades the safety of the roadways and impedes the wayfinding of emergency response vehicles. Furthermore, these older signs are out of compliance with Federal regulations as outlined in the Manual on Uniform Traffic Control Devices (MUTCD) which creates a liability risk. There are approximately 33,000 signs maintained by ACCGov. At current investment levels, funding is providing a lifespan of 165 years for ACCGov signs, 16.5 times the industry standard recommended lifespan to maintain Federal compliance. The amount requested would fund sign replacements on a 10-year cycle.

**How is this Project recommended/included in any approved ACCGov Land Use Plan, Master Plan, Corridor Study, or Service Delivery Plan?** N/A

**How is this Project included in the Madison Athens-Clarke County Oconee Regional Transportation Study (MACORTS) long-range Transportation Improvement Plan (TIP)?** N/A

## PROJECT JUSTIFICATION

### How will the Project meet one or more of the Selection Criteria?

#### **Promotes the Goal of improving Equitability of capital improvements throughout the Community:**

Many regulatory and street name signs are beyond the useful lifespan. Older signs lack sufficient reflectivity which degrades the safety of the roadways and impedes the wayfinding of emergency response vehicles. Furthermore, these older signs are out of compliance with Federal regulations as outlined in the Manual on Uniform Traffic Control Devices (MUTCD) which creates a liability risk. There are approximately 33,000 signs maintained by ACCGov. At current investment levels, funding is providing a lifespan of 165 years for ACCGov signs, 16.5 times the industry standard recommended lifespan to maintain Federal compliance. The amount requested would fund sign replacements on a 10-year cycle. Signs are replaced based on reflectivity standards that the federal guideline recommends.

**Protects the community's existing Transportation Infrastructure Investments:** Effective signage benefits users of all transportation modes: car users, bicyclists, pedestrians, freight operators, and transit riders, and improves the safety of our transportation network.

**Promotes the Upgrade and Continued Use of Alternative Transportation Facilities:** Replacing older signs that lack sufficient reflectivity which degrades the safety of the roadways and impedes the wayfinding of emergency response vehicles, transit, bike & pedestrians.

**Promotes Health and Safety:** Effective signage benefits users of all transportation modes: car users, bicyclists, pedestrians, freight operators, and transit riders, and improves the safety of our transportation network. Effective signage with sufficient reflectivity improves wayfinding for emergency services.

## Triple Bottom Line Impacts

**Positive Benefits for the Economic Prosperity of Athens-Clarke County:** Effective signage benefits users of all transportation modes: car users, bicyclists, pedestrians, freight operators, and transit riders, and improves the safety of our transportation network. Many regulatory and street name signs are beyond the useful lifespan. Older signs lack sufficient reflectivity which degrades the safety of the roadways and impedes the wayfinding of emergency response vehicles. Furthermore, these older signs are out of compliance with Federal regulations as outlined in the Manual on Uniform Traffic Control Devices (MUTCD) which creates a liability risk

**Detrimental Impacts to the Economic Prosperity of Athens-Clarke County:** N/A

**Positive Benefits for the Social Well-Being of our Residents and visitors:** Well-maintained signage provides wayfinding for motorists, bicyclists, and emergency services

**Detrimental Impacts for the Social Well-Being of our Residents and visitors:** N/A

**Positive Impacts on the Environment:** N/A

**Detrimental Impacts on the Environment:** N/A

**Positive/Negative Impacts on ACCGov Departments, Agencies, or other Organizations, if not covered in one of the above questions:** The general condition and reliability of the roadway system, including proper signage, has a positive impact on other departments and agencies that utilize this network (emergency services, transit, commercial and public users, etc.)

## Project Costs

**Detailed project capital budget costs (to be funded from TSPLOST 2023 only):**

Project Costs (round to thousand)	Amount
1. Land Acquisition / ROW / Easement:	\$ -
2. Design Fees: (Min.12% of New Const.; 14% of reno,; 16% for LEED proj.)	\$ -
3. Miscellaneous Fees: (Min. Minimum of 3% of Construction Costs – used for permitting, etc. Utilize minimum of 10% if land acquisition if necessary.)	\$ -
4. Construction:	\$ 2,950,000
5. Construction Contingency: (10% of the Construction line item)	\$ 295,000
6. Acquisition of Capital Equipment	\$ -
7. Testing:	\$ -
8. Project Management: (4% of the total budget line items above)	\$ 130,000
9. Project Contingency: (10% of the total budget line items above)	\$ 337,000
10. Public Art: Calculated at 1% of the Construction line item.	\$ 30,000
11. Other 1:	\$ -
12. Other 2:	\$ -
<b>Project Subtotal:</b>	<b>\$ 3,742,000</b>
14. Program Management (2% of Project Subtotal):	\$ 75,000
<b>TSPLOST 2023 Project Total:</b>	<b>\$ 3,817,000</b>

## Operating Cost

### Total Annual Net Operating Costs when Project is complete:

Only identify additional or net operating costs to be paid by ACCGov as a result of this Project. Identify the additional or net costs needed, above ACCGov's current operating budget, to operate the requested project; as well as any additional Project related revenues that would be generated. Provide budget costs for each identified category below.

Operating Costs (round to thousand)	Estimated Impact for Annual Operating Expenditures
<b>TOTAL PROJECTED REVENUES FROM PROJECT</b>	
<b>PROJECTED EXPENDITURES</b>	
1. Personnel Costs: from Appendix A	
2. Annual Utilities:	
• Natural Gas:	
• Electrical:	
• Water:	
• Sewer:	
• Phone:	
• Solid Waste Collection:	
• Other:	
3. Operating Supplies:	
4. Equipment Maintenance:	
5. Facility Maintenance:	
6. Other: Public Art Maintenance	1,000
7. Other:	
8. Other:	
<b>TOTAL EXPENDITURES</b>	
<b>NET OPERATING COSTS OF PROJECT:</b>	<b>\$ 1,000</b>

## Project Financing

**Is the proposed Project to receive funding from source(s) other than TSPLOST 2023? Yes**

**Total Capital Financing for Project:**

*If the proposed Project is to receive funding other than TSPLOST 2023, provide a listing of amounts from each of the categories listed below. Please round all dollar amounts to the nearest \$1,000.*

Project Sources (round to thousand)	Amount
1. TSPLOST 2023 <sup>1</sup> :	\$ 3,817,000
<b>OTHER SOURCES</b>	
2. ACCGov General Fund:	\$ 375,000
3. ACCGov Enterprise Fund:	\$
4. State Grant:	\$
5. Federal Grant:	\$
6. Previous SPLOST:	\$
7. Other (describe):	\$
8. Other (describe):	\$
<b>TOTAL SOURCES:</b>	<b>\$ 4,192,000</b>

<sup>1</sup> If any additional sources of funding other than TSPLOST 2023 are indicated above, please provide information related to the source here. Be specific and be prepared to provide all necessary written approvals. (For example: Roadway projects that have approval for Federal Aid and will utilize TSPLOST 2023 funding for matching funds, you would need to provide specific written approval by GDOT)

**Describe the current commitments for the other sources funding this project:** Current General Capital Sign Replacement Funds Available (annual): \$75,000

For Athens-Clarke County to be on a sustainable replacement schedule and be in compliance with federal requirements 2750 signs need to be replaced every year for 5 years. At an average cost of \$300 a sign to replace 33,000 signs within Athens-Clarke County in a 10 year replacement cycle.