

**Submitted By:** Department of Transportation & Public Works  
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**Project Classification:** Economic Prosperity  
**Project Focus:** Basic Facilities & Infrastructure  
**Project Type:** Road, Traffic Calming, Safety, Traffic Signals, Signage or Technology Improvements

**Previously Submitted and Rejected:** Yes - TSPLOST 2018  
**Continuation Project:** No

**Project Total Cost:** \$ 6,469,000

**Total Operating Cost:** Shifts \$100,000 General Fund Capital Expenditures to SPLOST Funding

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**Project Description:** The Sign Replacement Program is to replace and/or upgrades street name signs and other traffic regulatory signs, both 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.

**Project Mission Statement/Goals & Objectives:** 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 requiring a lifespan of 50-years for ACCGOV signs, 5 times the industry standard recommended lifespan of 10 years, to maintain Federal compliance. The amount requested would fund sign replacements on an appropriate 10-year cycle.

**Projected Useful Life of Project:** For signs to maintain required reflectivity, typical lifespan is 10-years

**To meet the Project Goals & Objectives, when should this project be completed?** Ongoing

**The Leadership in Energy and Environmental Design (LEED) Green Building System compliance:** N/A

**How will this project help meet the Public Safety, Basic Facilities/Infrastructure, and/or Quality of Life needs in 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.

**How is this Project recommended/included in any approved ACCGOV Land Use Plan, Master Plan, Study, Service Delivery Plan, Envision Athens, etc.?** Envision Athens - Infrastructure

### Triple Bottom Line Impacts

**Positive Benefits for the Prosperity of Athens-Clarke County:** Effective transportation systems lead to substantial economic growth (increased trade, better access to goods, services, and employment opportunities, etc.)

**Detrimental Impacts to the Prosperity of Athens-Clarke County:** Not applicable

**Positive Benefits for our Citizens and Visitors:** Signs provide an important service in traffic control communicating important messages to drivers and other roadway users. Aging signs present a hazard to roadway users by impairing visibility, particularly at night and during impaired weather.

**Detrimental Impacts for our Citizens and Visitors:** Not applicable

**Environmental Benefits, including but not limited to Positive impacts on existing Infrastructure/Systems:** This project allows Athens-Clarke County to remain in compliance with Federal regulations on reflectivity of signs. Otherwise, ACC signs are replaced at a rate of once every 50 years.

**Detrimental Impacts for the Environment, including but not limited to Negative impacts on existing Infrastructure/Systems:** Not applicable

**Positive/Negative Impacts on ACCGOV Departments, Agencies, or other Organizations, if not covered in one of the above questions:** Improved transportation and traffic control benefits all ACCGOV Departments

## Project Costs

Detailed project capital budget costs (to be funded from SPLOST 2020 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. Fixtures, Furniture, and Equipment (for a facility): A detailed estimate is preferred – but dependent upon the specific project, utilize at a minimum \$15 to \$20 per square foot.	\$ -
5. Construction:	\$ 4,950,000
6. Construction Contingency: (10% of the Construction line item)	\$ 495,000
7. Acquisition of Capital Equipment:	\$ -
8. Testing:	\$ -
9. Project Management: (4% of the total budget line items above)	\$ 218,000
10. Project Contingency: (10% of the total budget line items above)	\$ 567,000
11. Public Art: Calculated at 1% of the Construction line item.	\$ 50,000
12. Other 1:	\$ -
13. Other 2:	\$ -
<b>Project Subtotal:</b>	<b>\$ 6,280,000</b>
14. Program Management (3% of Project Subtotal):	\$ 189,000
<b>SPLOST 2020 Project Total:</b>	<b>\$ 6,469,000</b>

## Operating Cost

Shifts \$100,000 General Fund Capital Expenditures to SPLOST Funding

## Project Financing

**Is the proposed Project to receive funding from source(s) other than SPLOST 2020? Yes**

If yes, please fill in information below.

### Total Capital Financing for Project:

*If the proposed Project is to receive funding other than SPLOST 2020, 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. SPLOST 2020 <sup>1</sup> :	\$ 6,469,000
<b>OTHER SOURCES</b>	
2. ACCGOV General Fund:	\$ (100,000)
3. ACCGOV Enterprise Fund:	\$ -
4. State Grant:	\$ -
5. Federal Grant:	\$ -
6. Previous SPLOST:	\$ -
7. Other (describe):	\$ -
8. Other (describe):	\$ -
<b>TOTAL SOURCES:</b>	<b>\$ 6,369,000</b>

<sup>1</sup> If any additional sources of funding other than SPLOST 2020 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 SPLOST 2020 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 \$100,000 General Capital Sign Replacement Funds being used for this work will be shifted to SPLOST: