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

Previously submitted but not selected: No

Continuation Project: Yes - SPLOST IV; 24-Danielsville Road Widening

Executive Summary: This project provides funding for the design and construction of approximately 8500 ft. of four lane highway with lighting and multiuse bike and pedestrian lanes on each side starting at Walker drive on Danielsville road and ending at Helican Springs and Danielsville road intersection. All construction shall match the existing four lane expansion installed under previous SPLOST funding.

Project Total Cost: \$ 47,496,000

Total Operating Cost: \$ 263,000

Does this Project require the acquisition of any land? Yes

What means of land acquisition will be required? Right of Way (ROW), Permanent & Temporary Easements and Utility Easement. In general terms and for estimates, anticipated that approximately 20-30 feet of the additional ROW, for the length of the project would be needed. This equates to a combined conservative estimate of approximately 5-6 acres of land.

Project/Program Description: This project provides funding for the design and construction of approximately 1.8 miles of four lane highway with lighting and multiuse bike and pedestrian lanes on each side starting at Walker drive on Danielsville road and ending at Helican Springs and Danielsville road intersection. The intent would be that construction should be similar to the existing four lane expansion installed under previous SPLOST funding.

Staff Comments:

1. *The proposed corridor improvements are likely to involve significant existing utility accommodation work such as relocations of sewer mains, water mains, fire hydrants, gas mains, stormwater, and services. This may also involve securing additional utility easements. Power line relocations would be extensive.*
2. *If selected this project cost would incorporate the improvements to Transit Stops along Danielsville Road (Submitted Project #35) and part of the dirt road paving for Mission Drive and Linda Ave (Submitted Project #36).*
2. *To promote clean energy/sustainability goals, consider adding: All lighting to be dark sky compliant and, when in association with trails/woods/residences, wildlife "friendly" (2700 K or less); If installed, bike racks to include solar/storage charging options; if installed, bench and rest areas to include solar/storage charging rest areas; Solar/storage/canopy may be included to power needed lights and provide shade/heat mitigation in open concrete areas (ex: rest areas/open areas along path). Where plantings are needed, utilize native species, which are better adapted to the Piedmont region.*

3. Construction cost would have to include stormwater improvements, entry drive improvements, replacement of a significant number of mature trees. The cost to obtain the additional ROW necessary for planting street trees would have to be included.
4. There are approximately 80 parcels along both sides of this section of Danielsville road that would likely be impacted in some fashion.
5. This is a GDOT (state) owned roadway (ROW) and any modifications to lane configuration must be approved by the state. Also, several intersections would likely require traffic signals or roundabouts.

PROJECT JUSTIFICATION

How will the Project meet the stated Program Goals in the Mayor & Commission Strategic Plan to provide long-term, ongoing contributions to the Sustainable Transportation needs of the Athens-Clarke County?

Goal Area 1; Section D: Drive community transformation with a focus on creating spaces that are respectful and welcoming: With over 1000 plus homes slated to be constructed along this corridor in the next 10 years this expansion will eliminate the current stress on the existing facilities while welcoming the growth in the area. This will provide for safe school travel, bike lanes and alternate modes of transportation. The proposed improvements are located in the North Athens Neighborhood, a traditionally underserved area of the Athens Community. This will connect these residents with greater access to transit

Goal Area 5; Section A: Improve, expand, and maintain sidewalks, shared-use paths, and bike facilities to provide greater opportunities for residents to use active transportation safely: With over 1000 plus homes slated to be constructed along this corridor in the next 10 years this expansion will eliminate the current stress on the existing facilities while welcoming the growth in the area. This will provide for safe school travel, bike lanes and alternate modes of transportation. The proposed improvements are located in the North Athens Neighborhood, a traditionally underserved area of the Athens Community. This will connect these residents with greater access to transit

Goal Area 5; Section D: Create more usable and aesthetically pleasing corridor connections between residential and commercial areas: With over 1000 plus homes slated to be constructed along this corridor in the next 10 years this expansion will eliminate the current stress on the existing facilities while welcoming the growth in the area. This will provide for safe school travel, bike lanes and alternate modes of transportation. The proposed improvements are located in the North Athens Neighborhood, a traditionally underserved area of the Athens Community. This will connect these residents with greater access to transit

Goal Area 5; Section E: Enhance safety for all modes of transportation: With over 1000 plus homes slated to be constructed along this corridor in the next 10 years this expansion will eliminate the current stress on the existing facilities while welcoming the growth in the area. This will provide for safe school travel, bike lanes and alternate modes of transportation. The proposed improvements are located in the North Athens Neighborhood, a traditionally underserved area of the Athens Community. This will connect these residents with greater access to transit

Goal Area 6; Section A: Develop well-planned new infrastructure according to future land use values and framework: With over 1000 plus homes slated to be constructed along this corridor in the next 10 years this expansion will eliminate the current stress on the existing facilities while welcoming the growth in the area. This will provide for safe school travel, bike lanes and alternate modes of transportation. The proposed improvements are located in the North Athens Neighborhood, a traditionally underserved area of the Athens Community. This will connect these residents with greater access to transit

Goal Area 6; Section B: Ensure equitable access to infrastructure to enhance safety and identity: With over 1000 plus homes slated to be constructed along this corridor in the next 10 years this expansion will eliminate the current stress on the existing facilities while welcoming the growth in the area. This will provide for safe school travel, bike lanes and alternate modes of transportation. The proposed improvements are located in the North Athens Neighborhood, a traditionally underserved area of the Athens Community. This will connect these residents with greater access to transit

Project Costs

Detailed project capital budget costs (to be funded from TSPLOST 2026 only):

Project Costs (round to thousand)	Amount
1. Land Acquisition / ROW / Easement:	\$ 3,000,000
2. Design Fees: (Min.12% of New Const.; 14% of reno,; 16% for LEED proj.)	\$ 4,000,000
3. Miscellaneous Fees: (Min. Minimum of 3% of Construction Costs – used for permitting, etc. Utilize minimum of 10% if land acquisition if necessary.)	\$ 2,000,000
4. Construction:	\$ 28,200,000
5. Construction Contingency: (10% of the Construction line item)	\$ 2,820,000
6. Testing:	\$ 500,000
7. Project Management: (4% of the total budget line items above)	\$ 1,621,000
8. Project Contingency: (10% of the total budget line items above)	\$ 4,141,000
9. Public Art: Calculated at 1% of the Construction line item.	\$ 282,000
10. Other 1:	\$
11. Other 2:	\$
Project Subtotal:	\$ 46,564,000
14. Program Management (2% of Project Subtotal):	\$ 932,000
TSPLOST 2026 Project Total:	\$ 47,496,000

Staff Comments regarding the Estimate:

1. Assume 4 travel lanes, one turn lane, multi-use path both sides equivalent of ~6 lane miles at a construction cost rate of \$1.5 million per mile for expansion. Four likely signalized intersections at average of \$2 million each and \$4 million in utility relocations.
2. Costs also includes several regional stormwater facilities and all land acquisition and restoration cost.

Project Financing

Is the proposed Project to receive funding from source(s) other than TSPLOST 2026? No

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
TOTAL PROJECTED REVENUES FROM PROJECT	
PROJECTED EXPENDITURES	
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	3,000
7. Other: Annual Maintenance	100,000
8. Other: Life Cycle Replacement	160,000
TOTAL EXPENDITURES	
NET OPERATING COSTS OF PROJECT:	\$ 263,000