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

Previously submitted but not selected: Yes, TSPLOST Project 58 Entitled JJ Harris Greenway Connector

Continuation Project: Yes - TSPLOST 2023 Project 14-N. Athens Transportation Improvements

Executive Summary: This project is inclusive of the previously submitted TSPLOST Project 58 Entitled JJ Harris Greenway Connector plus add a 45 mph 2 lane highway. This project provides funding for the design and construction of approximately 8,000 LF of 10-foot-wide multi-use trail and 5,500LF of 28-feet 2-lane highway to connect JJ Harris Elementary School, Danielsville Road with US Hwy 29 North. The Multiuse trail will be an extension of the proposed multiuse trail shown on the Greenway Network Plan along Highway 29 North.

Project Total Cost: \$ 25,942,000

Total Operating Cost: \$ 103,000

Does this Project require the acquisition of any land? Yes

What means of land acquisition will be required? Right of Way (ROW), In general terms and for estimates, anticipated ROW and utility easements, for both the trail and roadway, assuming they would be parallel. This equates to a combined conservative estimate of approximately 10-12 acres of land.

Project/Program Description: This project is inclusive of the previously submitted TSPLOST Project 58 Entitled JJ Harris Greenway Connector plus add a 45 mph 2 lane highway. This project provides funding for the design and construction of approximately 8,000 LF of 10-foot-wide multi-use trail and 5,500LF of 28-feet 2-lane highway to connect JJ Harris Elementary School, Danielsville Road with US Hwy 29 North. The Multiuse trail will be an extension of the proposed multiuse trail shown on the Greenway Network Plan along Highway 29 North.

Staff Comments:

1. 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.
2. 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.
3. Would require GDOT approval for connecting roadways and would likely require traffic signalization or roundabout on SR106 (Danielsville Road). If this project and Project 38 were selected the cost could be reduced for where those projects intersection. Probably about a \$4 million saving to the combined two budgets.

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: Provide connectivity between JJ Harris Elementary School, Danielsville Rd and US Hwy 29 North. This multiuse trail as some have called it will be a linear park.

Goal Area 1; Section E: Support & promote healthy lifestyle: moving, eating, forming healthy relationships, physical and psychological care: This project promotes bike and pedestrian connectivity between residents, and the goods and services along Danielsville Road, US Hwy 29 North, and JJ Harris Elementary School. With over 3000 bedrooms slated to be developed along the Danielsville corridor in the upcoming years, this corridor will remove the stress of persons at their residences wanting to reach commercial entities along Highway 29.

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: This project promotes bike and pedestrian connectivity between existing residents and incoming residents, and the goods and services along Danielsville Road, US Hwy 29 North, and JJ Harris Elementary School.

Goal Area 5; Section C: Expand multi-modal Transit access to reduce auto dependency and provide greater mobility for Athens residents: This thoroughfare will relieve some of the stress currently being handled by Old Hull Road from Danielsville Road to Highway 29. It will improve the bus routing as well as shorting the route taken by residence along Danielsville Road trying to reach the commercial facilities on highway 29.

Goal Area 5; Section D: Create more usable and aesthetically pleasing corridor connections between residential and commercial areas: This thoroughfare will relieve some of the stress currently being handled by Old Hull Road from Danielsville Road to Highway 29. It will improve the bus routing as well as shorting the route taken by residence along Danielsville Road trying to reach the commercial facilities on highway 29. This project promotes bike and pedestrian connectivity between existing residents and incoming residents, and the goods and services along Danielsville Road, US Hwy 29 North, and JJ Harris Elementary School.

Goal Area 5; Section E: Enhance safety for all modes of transportation: The current Old Hull Road does not have pedestrian or bike lanes, this project will be constructed with these facilities included. This project encourages bike and pedestrian modes of transportation, reduces vehicular trips, and reduces CO2 emissions.

Goal Area 6; Section A: Develop well-planned new infrastructure according to future land use values and framework: This project promotes bike and pedestrian connectivity between residents, and the goods and services along Danielsville Road, US Hwy 29 North, and JJ Harris Elementary School. With over 3000 bedrooms

slated to be developed along the Danielsville corridor in the upcoming years, this corridor will remove the stress of persons at their residences wanting to reach commercial entities along Highway 29.

Goal Area 6; Section B: Ensure equitable access to infrastructure to enhance safety and identity: This project directly supports sidewalk and multi-use trail construction and connectivity to public community centers as shown on the updates Greenway Network Plan, Northeast Quadrant Map.

Goal Area 6; Section D: Follow through on commitment to 100% Clean and Renewable Energy resolution: This project encourages bike and pedestrian modes of transportation, reduces vehicular trips, and reduces CO2 emissions.

Goal Area 6; Section E: Address ecosystem health, infrastructure sustainability, and resilience: This project encourages bike and pedestrian modes of transportation, reduces vehicular trips, and reduces CO2 emissions.

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:	\$	2,000,000
2. Design Fees: (Min.12% of New Const.; 14% of reno.; 16% for LEED proj.)	\$	2,100,000
3. Miscellaneous Fees: (Minimum of 3% of Construction Costs – used for permitting, etc. Utilize minimum of 10% if land acquisition if necessary.)	\$	1,000,000
4. Construction:	\$	15,000,000
5. Construction Contingency: (10% of the Construction line item)	\$	1,500,000
6. Testing:	\$	500,000
7. Project Management: (4% of the total budget line items above)	\$	884,000
8. Project Contingency: (10% of the total budget line items above)	\$	2,299,000
9. Public Art: Calculated at 1% of the Construction line item.	\$	150,000
10. Other 1:	\$	
11. Other 2:	\$	
Project Subtotal:	\$	25,433,000
14. Program Management (2% of Project Subtotal):	\$	509,000
TSPLOST 2026 Project Total:	\$	25,942,000

Staff Comments regarding the Estimate:

1. Assume 2 travel lanes, bike lanes, space and grading for future turn lanes and sidewalks, at a construction cost rate of \$2 million per mile, for completely new roadways. One round-about \$3 million. Provide water mains, storm drains, and stormwater facilities.
2. Multi-use trail not on the same alignment \$6,000,000
3. Costs also includes 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:	
2. Annual Utilities:	
• Natural Gas:	
• Electrical:	
• Water:	
• Sewer:	
• Phone:	
• Solid Waste Collection:	
• Other:	
3. Operating Supplies:	
4. Equipment Maintenance:	
5. Facility Maintenance: (ROW / Landscape Maintenance)	75,000
6. Other: Annual Maintenance (Road Maintenance)	24,000
7. Other: Life Cycle Replacement	12,000
8. Other: Public Art Maintenance	2,000
TOTAL EXPENDITURES	
NET OPERATING COSTS OF PROJECT:	\$ 103,000