

Submitted By: Athens-Ben Epps Airport
Mike Mathews, Director

Project Type: Airport related projects - Athens-Ben Epps Airport

Previously submitted but not selected: No

Continuation Project: Yes-SPLOST 2020; 30-Airport Capital Improvements

Executive Summary: The requested TSPLOST money would be used for the Local Share from Federal Aviation Administration and Georgia Department of Transportation Grants. The Local Share might range from 5% for Federal projects and 25% for State projects. The money will also be used for unfunded airport related projects that require 100% local funding to enhance the safety, security and efficiency of the airport that is not funded by federal or state funding.

Project Total Cost: \$ 5,730,000 Total Operating Cost: \$ 1,000

Does this Project require the acquisition of any land? No

Project/Program Description: The money would be used for the Local Share of the Federal Aviation Administration and GDOT Grants. The share would range from 5% and 10% for Federal Projects and 25% for State.

The projects include, but are not limited to: Master and Airport Layout Plan Update; Partial Parallel Taxiway Bravo Improvements; Electric Aircraft Vertiport E-VTOL Project; 10-T-Hangar Units and Infrastructure; Electrical Vault and Runway Control Lighting Update; New Airport Beacon and Tower; Transient Aircraft Box Hangar - Phase II; Rehabilitate Access Pavement to and from Airport Hangars and Ramps; Hold Apron Project; Aircraft E-Charging Station for Electric Aircraft; Aviation Easement Acquisition & Mitigation Services for all Runway Approaches; and any other aviation related project approved by the FAA, GDOT or Athens Clarke County for funding.

How is this Project recommended/included in any approved ACCGOV Land Use Plan, Master Plan, Corridor Study, or Service Delivery Plan? Master Plan for Athens - Ben Epps Airport - 2003

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 5; Section B: Pursue inter-city travel options to connect Athens with other cities: The requested funding would be used to support electric aircraft and electric V-TOL, Vertical Take-off and Landing, aircraft. These type aircraft are being built today and most airports are not ready to support these aircraft once built. The only airports in Georgia that have charging stations for these aircraft are Augusta and Valdosta. These aircraft will allow intercity travel from one location to another within the city and county or can be used to go from city to city.

Goal Area 5; Section C: Expand multi-modal Transit access to reduce auto dependency and provide greater mobility for Athens residents: The requested funding would be used to support electric aircraft and electric V-TOL, Vertical Take-off and Landing, aircraft. These type aircraft are being built today and most airports are not ready to support these aircraft once built. These aircraft will allow intercity travel from one location to another within the city and county or can be used to go from city to city. Athens Ben Epps Airport plans to create space for a Vertiport on the airport for these aircraft.

Goal Area 5; Section E: Enhance safety for all modes of transportation: The requested funding would be used to support projects that continue to create a safe and secure airport for all users. This would include updating the electrical vault that handles all of the signage and lighting on the runway side of the airport. It would also include a study of the obstructions that may be present in our runway approaches that may be a safety hazard to aircraft inbound and outbound to the airport. It also includes a Master and Airport Layout Plan Update.

Goal Area 6; Section C: Provide adequate funding for maintenance of existing and newly constructed infrastructure: The requested funding would be used to support projects that would allow us to build a newly constructed Parallel Taxiway for Bravo, 10 T-Hangar units to help reduce our current waiting list, rehabilitate existing access pavement to and from airport hangars and ramps, create a new Hold Apron to give pilots the ability to get off the taxiway to do their safety checklist and runups, and Phase II of a Transient Aircraft Box Hangar that would bring more overnight aircraft to the airport.

Goal Area 6; Section D: Follow through on commitment to 100% Clean and Renewable Energy resolution: The Electric Aircraft Vertiport and aircraft chargers would create another level of service for the airport. This service would allow 100% clean and renewable energy for aircraft that rely on electricity as their energy source and are being built today. Several major cargo carriers such as FedEx and UPS are already looking at these type aircraft for their future plans. Delta, along with other carriers are starting to look at this as an option for short hops for city-to-city travel.

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. Design Fees: (Min.12% of New Const.; 14% of reno,; 16% for LEED proj.)	\$	476,000
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:	\$	4,000,000
5. Construction Contingency: (10% of the Construction line item)	\$	400,000
6. Testing:	\$	
7. Project Management: (4% of the total budget line items above)	\$	195,000
8. Project Contingency: (10% of the total budget line items above)	\$	507,000
9. Public Art: Calculated at 1% of the Construction line item.	\$	40,000
10. Other 1:	\$	
11. Other 2:	\$	
Project Subtotal:	\$	5,618,000
14. Program Management (2% of Project Subtotal):	\$	112,000
TSPLOST 2026 Project Total:	\$	5,730,000

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:	1,000
7. Other:	
8. Other:	
TOTAL EXPENDITURES	
NET OPERATING COSTS OF PROJECT:	\$ 1,000

Project Financing

Is the proposed Project to receive funding from source(s) other than TSPLOST 2026? Yes

Total Capital Financing for Project:

If the proposed Project is to receive funding other than TSPLOST 2026, 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 2026 ¹ :	\$ 5,730,000
OTHER SOURCES	
2. ACCGov General Fund:	\$
3. ACCGov Enterprise Fund:	\$
4. State Grant:	\$ 618,000
5. Federal Grant:	\$ 12,628,000
6. Previous SPLOST:	\$
7. Other (describe):	\$
8. Other (describe):	\$
TOTAL SOURCES:	\$ 18,976,000

¹ If any additional sources of funding other than TSPLOST 2026 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 2026 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: The airport currently has other ongoing and soon to be projects not listed on the 2026 TSPLOST that are being funded by the 2020 SPLOST.

The current projects not listed will deplete the 2020 SPLOST and the 2026 TSPLOST will carry the airport forward with additional projects for the future.

Airport TSPLOST 2026 Capital Projects - Airport Share

Description	Design Cost	Construction Cost	Construction Contingency	Project Mgmt	Project Contingency	Public Art	Project Subtotal	Program Mgmt.	Total 2026 TSPLOST
Master and Airport Layout Plan Update	\$42,500	\$0	\$0	\$1,700	\$4,420	\$0	\$48,620	\$972	\$49,592
Partial Parallel Taxiway Bravo Project	\$22,500	\$337,000	\$33,700	\$15,728	\$40,893	\$3,370	\$453,191	\$9,064	\$462,255
Electric Aircraft Vertiport for E-VTOL Aircraft	\$16,500	\$180,000	\$18,000	\$8,580	\$22,308	\$1,800	\$247,188	\$4,944	\$252,132
10-T-Hangar Units to include Taxiways	\$100,000	\$1,700,000	\$170,000	\$78,800	\$204,880	\$17,000	\$2,270,680	\$45,414	\$2,316,094
Electrical Vault and Runway Control Update	\$5,000	\$50,000	\$5,000	\$2,400	\$6,240	\$500	\$69,140	\$1,383	\$70,523
New Airport Beacon and Tower	\$3,750	\$11,250	\$1,125	\$645	\$1,677	\$113	\$18,560	\$371	\$18,931
Transient Aircraft Box hangar - Phase II	\$100,000	\$1,400,000	\$140,000	\$65,600	\$170,560	\$14,000	\$1,890,160	\$37,803	\$1,927,963
Rehabilitate Access Pavement on Airport	\$31,000	\$165,000	\$16,500	\$8,500	\$22,100	\$1,650	\$244,750	\$4,895	\$249,645
New Hold Apron Project	\$10,000	\$55,000	\$5,500	\$2,820	\$7,332	\$550	\$81,202	\$1,624	\$82,826
Aircraft E-Charging Station for electric aircraft	\$10,000	\$100,000	\$10,000	\$4,800	\$12,480	\$1,000	\$138,280	\$2,766	\$141,046
Avigation Easement Acquisition -Services	\$134,600	\$0	\$0	\$5,384	\$13,998	\$0	\$153,982	\$3,080	\$157,062
TOTALS:	\$475,850	\$3,998,250	\$399,825	\$194,957	\$506,888	\$39,983	\$5,615,753	\$112,315	\$5,728,068