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Meeting Date: 4/24/2025

Airport - Design Taxiway A4 and G2

Department: Augusta Regional Airport

Presenter: Herbert L. Judon, Jr., Airport Executive Director

Caption:

Motion to approve **Work Authorization #15** to provide Engineering Design Services which includes plans, specifications, and services through bidding, for the Construction of the Taxiway A4 and G2 at Augusta Regional Airport in the amount of **\$677,278.95**.

The current Estimated Cost of Construction of this proposed Taxiway A4 and G2 is approximately \$6,820,850.00.

Background:

With the reconstruction of Taxiway F, the majority of AIP eligible airfield pavement will have been reconstructed or rehabilitated within the past 10 years. Per the FAA's records, the only remaining item needing to be addressed prior to funding new AIP eligible pavement or facility projects is the existing "hot spot" located at the intersection of Taxiway E and Runway 17-35. This area of taxiway is deemed as such because of the direct connection along Taxiway E through Runway 17-35. The concern is that a pilot could inadvertently create a runway incursion by simply not holding short of the Runway or maneuvering onto Taxiway A. In order to remove the existing hot spot, a new connector(s) must be designed and constructed to alleviate congestion and provide an outlet to/from Runway 17/35, Taxiway A4 and G2. In 2022, after conversations surrounding projects in the near future, several exhibits were drafted and provided to the FAA depicting the potential Taxiway A4 and G2 connectors. These two taxiways have been approved within the ALP and AGS has received notice of Tentative Allocation of federal funding for design in 2025 with construction to follow in 2026. The taxiway would be designed and laid out as a TDG IV resulting in a 50-foot-wide taxiway with 20-foot shoulders. The overall footprint of construction would be approximately 19,000 square yards.

Once construction is complete on the new connector taxiways, the existing hot spot will be removed, and the remainder of Taxiway A will be constructed to the south. This PROJECT is programmed by the Federal Aviation Administration (FAA) for a Fiscal Year (FY) 2025 design grant and a FY 2026 construction grant.

This Project will include Mobilization, Airfield Safety and Traffic Control, Erosion Control, Stormwater analyzation and potential improvements, demolition, excavation, paving, grading, seeding, and mulching within the project limits at an estimated cost of construction of \$6,820,850.00.

In order to mitigate the existing hotspot, the Project, **AGS – Design Taxiway A4 and G2**, is hereby proposed.

For Federal projects where fees exceed \$100,000, an Independent Fee Estimate (IFE) is required for Federal participation. This proposal is contingent upon the results of an IFE. An IFE is required to determine that the proposed fee requested for the project is within the bounds (within 10%) of the requested scope. The Airport has reached out to a consultant to conduct the IFE.

Analysis:

Improving existing airfield pavement and removing areas deemed safety concerns remains a high priority for AGS and the FAA.

The current Estimated Cost for “**Taxiway A4 and G2**” is approximately **\$6,820,850.00**.

It is hereby requested that the Aviation Commission approve this **Work Authorization # 15**, in a Lump-Sum fee amount of **\$677,278.95**. This work authorization is requested and includes the efforts to develop Plans, Specifications and provide Bidding Services, per FAA Advisory Circulars, for the project.

This Work Authorization has been reviewed by Airport Legal Counsel, Mr. Robert Kerr.

Financial Impact:

This work authorization is proposed to be funded through Federal AIP Grant #61 via a 90/5/5 split between the FAA, GDOT, and Local. Construction is proposed to be funded via FAA AIP grant issued in Fiscal year 2025.

Alternatives:

N/A

Recommendation:

Approve **Work Authorization #15** to provide Engineering Design Services which includes plans, specifications, and services through bidding, for the Construction of the Taxiway A4 and G2 at Augusta Regional Airport in the amount of **\$677,278.95**.

The current Estimated Cost of Construction of this proposed Taxiway A4 and G2 is approximately \$6,820,850.00.

**Funds are available in 551081303-5412110
the following accounts:**

REVIEWED AND N/A
APPROVED BY: