



**AVCON Capital Improvements Update
Tri-County Airport
November 12, 2024**



Prepared by: AVCON, INC.

ONGOING PROJECTS:

T.O. 01—Airfield Electrical Vault Replacement

PTGA 423623-6 authorized by the board provided \$110,000 in state funding to address planning, design, and bidding of a new airfield lighting vault. By constructing a new vault, the airport will address issues associated with the existing facility and ensure a functional electrical distribution system for the next 20 years or more. The new facility will have space to allow for future airfield lighting expansion, conditioned space for airfield control systems, and spare parts storage. FDOT and FAA funding are both being used for construction. Construction is underway and the vault building has been installed. Contractor is currently working on lighting protection, cables, conduit, etc. Contractor's current schedule anticipates construction being complete in about a month.

T.O. 02—Infield Stormwater Improvements

Project will facilitate replacing the failing pipe under the runway. This project is funded by FDOT under the same FDOT PTGA grant as the electrical vault. The low bid received was just under \$260,000, which is more than the remaining grant funds. However, we have previously coordinated this with FDOT, and they indicated that we should proceed with bidding the project and committed to providing the additional funds needed to complete construction. We have notified FDOT of the additional funds required to complete the project and are waiting to hear back.

T.O. 03—Future Hangar Site Improvements

This project will consist of design, bidding, construction phase services, and construction of a "shovel ready" hangar site adjacent to the Baptist College Hangars. The FDOT grant in the amount of \$750,000 has been executed. We have received survey and the wetland delineation and environmental assessment. We have had a pre-application meeting with FDEP and still need to meet with the building department to discuss fire protection. We believe we have developed a grading plan that works for a 110' x 100' hangar without a retaining wall being required. We have begun stormwater design to begin coordination with FDEP for stormwater permitting. We will also be submitting a 'Pen-and-Ink' ALP update to FAA shortly that shows the location of the proposed hangar.

We are currently coordinating a small task order amendment for the Board's consideration to include additional geotechnical testing and designing the of reconstruction the existing asphalt pavement just north and adjacent to this project site. We are still waiting for pricing from our geotechnical engineer but are considering using another company to expedite.

ACTION ITEM ➔ Schedule meeting with building department to discuss fire protection.

T.O. 04—Height Zoning Ordinance Development

This project will develop height zoning ordinances for Holmes, Washington, and Jackson Counties to protect future airport development. We previously met with Jackson and Holmes County and are reviewing their existing code of ordinances. Existing county codes have been reviewed, and draft Airport Zoning Ordinance text has been developed for each County. Anticipate this project being completed in the first quarter of 2025.

ACTION ITEM ➔ Recommend Board make motion to serve as the Joint Airport Protection Zoning Board, conditional upon concurrence from Holmes, Jackson, and Washington Counties.

T.O. 05—RSA, ROFA, & OFZ Improvements

The project will include, but is not limited to, regrading portions of the Runway Safety Area (RSA) primarily along the southern 1,000 ft of the runway in accordance with RSA standards contained in FAA Advisory Circular 150/5300-13B *Airport Design*. The improvements will address substandard wash-out areas in isolated portions of the runway and areas of standing water within the RSA as well as the removal of vegetation within the Runway Obstacle Free Zone (OFZ) and future Runway Object Free Area (ROFA) as identified in the most recent Master Plan Update. The wash-out areas to be addressed also include a significant void near the north end of the runway.

In addition, the improvements will include regrading portions of the future ROFA northwest of the runway where the existing grades have been identified in the Airport Layout Plan set as obstructions (to the primary surface and transitional surface) to be removed. These areas were previously used as agricultural areas. Other potentially hazardous runway obstructions, including trees and fences, identified in the most recent state inspection report may also be removed as part of this project. After discussions with the airport last month, there will also be some isolated pipe replacement included in this project to address the failing pipe on the east side of the runway. Project is at a 60% design level.

UPCOMING PROJECTS:

Airfield Perimeter Fencing Improvements

Project will consist of completing the perimeter fence around the airport, mainly on the south end, but also completing/repairing portions of fence in disrepair. Project will use FDOT and FAA funding. We are currently coordinating with FAA on environmental requirements for the portions of the proposed fence that will be constructed in the wetlands and/or floodplain.

PAPI Replacement Project

After discussions with FDOT and TCAA about the inoperable PAPI lights, a new project has been added to the work program for this year to replace the PAPIs. The plan will be to use already allocated FDOT and FAA (BIL | AIG) funds for design this year, and future FAA and FDOT funds for construction, either next year or the year after. We are currently preparing a scope for FDOT to issue a grant, as well as preparing a task order for consideration.

Water Storage Tank and Hydrant Improvements

Project will consist of designing and constructing a water storage tank system with pumps, distribution system, and hydrants. We are still in the process of developing a scope for the Board's consideration.

END REPORT