



MEMORANDUM

TO: Mayor and Council Members

THROUGH: Robert Goode, P.E., Assistant City Manager

FROM: Ghizlane Badawi, Chief Executive Officer, Department of Aviation

DATE: July 10, 2024

SUBJECT: **Airport Expansion and Development Program Look-Ahead**

As Council is aware, the Department of Aviation is continuing work on the Airport Expansion and Development Program (AEDP), a historic capital improvement effort to modernize and expand the airport to meet growth needs and ensure it can operate safely and efficiently now and in the future. The AEDP is a multi-year program consisting of many critical, but interdependent, projects ranging in size and scope. Thanks to your support, the AEDP has begun in earnest on several enabling projects – those projects that must be completed before larger core projects can follow – that are currently approved and underway. The core work, however, is just beginning and your continued support is more important than ever.

Since last fall, City Council has taken important steps to move the AEDP forward and clear a path for the department to initiate solicitations and execute contracts critical to the AEDP's success. During the last 9 months, the City Council has approved 11 items supporting the expansion program. A summary of these actions is included in appendix A. These timely actions by City Council have helped propel the AEDP and our commitment to ensuring an airport that is safer and more effective for all.

In the weeks ahead, the Department will bring additional items forward, many of which build on the enabling actions already taken, but collectively represent the most consequential next steps in the AEDP.

Summary of upcoming Requests for Council Action. We recommend approval of these agenda items to enable the work on the AEDP to continue.

These 4 requests will be on your July 18, 2024 Council agenda:

Project: **AUS Building Commissioning Services** contract award

Description: This item will award a contract with Arup US, Inc. to serve as an airport building commissioning agent to provide services for AEDP and non-AEDP projects that require commissioning and help assure that AUS building projects perform as designed and meet the needs of the airport and its users. Total authorization will be for \$24 million.

Project: Airfield lighting and fixture replacement parts contract award

Description: This item will authorize negotiation and execution of a contract for airfield lighting and fixture replacement parts with Global Access Supply, Inc. for up to five years for a total contract amount not to exceed \$1 million. The contract will provide replacement parts used to maintain the visual aid of the runway and taxiway systems, thereby keeping the airport functioning safely and efficiently in accordance with Federal Aviation Administration regulations. This contract will replace a current contract set to expire on September 22, 2024. Requested authorization is based on historical spending and department estimates of future needs.

Project: Utility Infrastructure Campus-wide (UICW) project construction contract award

Description: This item will authorize negotiation and execution of a Construction Manager at Risk (CMAR) contract for the construction of the UICW project in an amount not to exceed \$120 million in support of the campus-wide utility integration and ensure airport efficiency and reliability. More specifically, this project focuses on upgrading and adding essential utility systems, including electrical, IT/telecom, storm drainage, water quality, and deicing systems. This upgraded infrastructure will support the increased demands of the expanded airport and accommodate future growth.

Project: Virtual Ramp Control (VRC) system contract award

Description: This item will authorize negotiation and execution of a contract for design, installation, implementation, and staffing of a VRC system with Saab, Inc. for up to ten years in an amount not to exceed \$45 million. This system will facilitate systematic management of aircraft movements under all weather conditions without interruption and represents a major safety enhancement.

These 3 requests will be on your August 29, 2024 Council agenda:

Project: Midfield Taxiway – additional authority

Description: The Airport has been working with two firms – RS&H and Austin Bridge & Road – on the design and construction of the Airfield Improvement project, which includes the redesign and replacement of the existing midfield taxiways to enable the construction of a new Concourse and preserve airfield connectivity. Initial design work began in fall 2022, but the overall scope of the design has changed considerably. In close consultation with the Federal Aviation Administration (FAA), the project has focused on keeping the FAA Air Traffic Control Tower and the Aircraft Rescue Fire Station within the landside for public access, and outside the Air Operations Area. To accommodate this need, the project team added two taxiway airplane bridges, additional taxiway connections, vehicle access roads, and additional utility and water-quality storm water infrastructure. The total anticipated project cost is \$320 million and is eligible for federal funding support that the Aviation Department will be seeking. Completion of this project will allow for the construction of the new Concourse, but also sustain an efficient airfield into the future as the airport continues to grow.

Project: 2024 Airport Architectural and Engineering Services Rotation List contract award

Description: This item will award multiple (six recommended) contracts for professional architectural and engineering design services as part of an airport-specific rotation list. Total authorization will be for \$60 million and include expertise in airport building, structural additions, civil, utility projects, and other specialty work.

Project: Baggage Handling System contract amendment

Description: This item will amend the professional services contract with AECOM, the Airport's project

management and technical advisor, to facilitate the development of a Design Criteria Manual and establish the standards necessary to design, build, and maintain the continuity of operations of a fully integrated outbound and inbound baggage handling system that will support the new Concourse B and Arrival and Departures Hall large-scale and long-term growth projects. This item will be in the amount of \$8,533,155 for a revised total authorization not to exceed \$14,500,500.

These 2 requests will be on your September 12 or September 26, 2024 Council agenda:

Project: Concourse B and Tunnel project design and construction contract award

Description: This is one of the most critical projects in the AEDP portfolio. It includes the design and construction of a new midfield terminal/gate complex (Concourse B) necessary to accommodate increased airline and passenger traffic. This \$1.1 billion project also includes design and construction of new connector systems to connect passengers and utilities between Concourse B and the existing Barbara Jordan Terminal. The new Concourse B and Tunnel project is essential to support the growing passenger and airline demand at AUS. Without this critical addition, the airport will cease to effectively or safely meet the needs of travelers, the airlines, and the workforce that supports each.

Project: Arrivals and Departures Hall design and construction contract award

Description: The new Arrivals and Departures Hall (ADH) is one of the most highly anticipated projects within the AEDP portfolio and includes the design and construction of a new ADH that will profoundly improve the overall traveler experience by addressing existing space deficiencies and adding a larger indoor area for queuing, ticketing, and baggage claim. The project will also realign existing roadways and add more pick-up and drop-off lanes, bringing travelers closer to the parking areas, and the current rental car and rideshare pick-up locations. The design and construction items will total about \$665 million.

c.c. T.C. Broadnax, City Manager
CMO Executive Team

Appendix A: Summary of Council actions since Fall 2023

<i>September 21, 2023</i>	Authorized Contract Amendment to support the new centralized baggage handling system, Phase 1 of which is already activated.
<i>October 5, 2023</i>	Approved use of the design-build project delivery method for the AUS Central Utility Plant (CUP) Relocation project.
<i>November 30, 2023</i>	Approved use of the construction manager at risk (CMAR) project delivery method for the Utility Infrastructure project.
<i>December 14, 2023</i>	Approved use of the CMAR project delivery method for the Concourse B and Tunnel project, and the West Parking Garage-Lot B project.
<i>December 14, 2023</i>	Authorized support for the ongoing Midfield Taxiway and Airfield Infrastructure project.
<i>February 29, 2024</i>	Authorized a contract for pre-construction and construction services to support the atrium infill project, which, when complete, will add additional square footage to the existing Barbara Jordan Terminal needed for queuing and significantly improving the passenger experience.
<i>April 18, 2024</i>	Approved use of the CMAR project delivery method for the Arrivals and Departures Hall.
<i>April 18, 2024</i>	Authorized a contract for the design and construction of the Central Utility Plant Relocation project.
<i>May 30, 2024</i>	Authorized a contract for construction of the West Parking Garage-Lot B project.
<i>May 30, 2024</i>	Authorized a professional services contract to support the engineering and architectural design of the West Parking Garage-Lot B project.
<i>May 30, 2024</i>	Authorized a professional services contract to support the design of the Utility Infrastructure Campus Wide (UICW) project, a project critical to enabling the CUP relocation and Concourse projects.