



AVIATION ADVISORY BOARD AGENDA

City of Fort Worth Meacham International Airport
201 American Concourse, Suite 330
Fort Worth TX 76106

Thursday, January 27, 2022

3:00 p.m.

BOARD MEMBER	DISTRICT
Toni Early, Chair	2
Mitchell Moses, Vice Chair	3
Marcia Cepelcha	1
Neftalí Ortiz	4
Samith Hill	5
Mike Gonzalez	6
Charles "C.B." Team	7
Howard Rattliff	8
Tom Hicks	9

I. Call to Order

II. Roll Call

III. Consideration of Minutes for the November 11, 2021 meeting

IV. Action Items

- 0101 (CD 7) Recommend the City Council Authorize the Application for and Acceptance of the Fiscal Year 2022 Airport Entitlement Grant, if Awarded, from the Federal Aviation Administration, in an Amount Up to \$2,500,000.00 for Airport Lighting, Joint and Pavement Improvements, Runway Safety Area Mitigation, Pavement Management Report, and the Extension of Taxiway Papa at City of Fort Worth Alliance Airport, Authorize the Use of Land Credits or Cash Match for the City's Match, in an Amount Up to \$277,778.00, and Adopt Appropriation Ordinance

The City of Fort Worth Meacham International Airport, located at 201 American Concourse, Fort Worth, Texas 76106, Suite 330, is wheelchair accessible. Persons with disabilities who plan to attend this meeting and who may need accommodations, auxiliary aids, or services such as interpreters, readers, or large print are requested to contact the City's ADA Coordinator at (817) 392-8552 or e-mail ADA@FortWorthTexas.gov at least 48 hours prior to the meeting so that appropriate arrangements can be made. If the City does not receive notification at least 48 hours prior to the meeting, the City will make a reasonable attempt to provide the necessary accommodations.

- 0102 (CD 7) Recommend the City Council Authorize the Application for and Acceptance of the Fiscal Year 2022 Noise Mitigation Grant, if Awarded, from the Federal Aviation Administration, in an Amount Up to \$1,976,495.00 for Noise Mitigation Efforts at the City of Fort Worth Alliance Airport, Authorize the Use of Land Credits or Cash Match for the City's Match in an Amount Up to \$219,611.00, and Adopt Appropriation Ordinance
- 0103 (CD 2) Recommend the City Council Authorize Application for and Acceptance of the Infrastructure Investment and Jobs Act of 2021 Grant, if Awarded, for Fort Worth Meacham International Airport from the Federal Aviation Administration Through the Texas Department of Transportation in an Amount Up to \$763,000.00 and Adopt Appropriation Ordinance
- 0104 (CD 6) Recommend the City Council Authorize Application for and Acceptance of the Infrastructure Investment and Jobs Act of 2021 Grant, if Awarded, for Fort Worth Spinks Airport from the Federal Aviation Administration Through the Texas Department of Transportation in an Amount Up to \$295,000.00 and Adopt Appropriation Ordinance
- 0105 (CD 7) Recommend the City Council Authorize Application for and Acceptance of the Infrastructure Investment and Jobs Act of 2021 Grant, if Awarded, for Fort Worth Alliance Airport from the Federal Aviation Administration in an Amount Up to \$1,452,956.00 and Adopt Appropriation Ordinance

V. Items for Discussion

- 1) Activity Report FY2021 – Clinton Tuggle

VI. Announcements

- 1) The next Aviation Advisory Board meeting will be held Thursday, April 21, 2022, at Meacham International Airport starting at 3:00 p.m.

VII. Staff Reports

- | | |
|---------------------|---------------|
| 1) Meacham Airport | Aaron Barth |
| 2) Spinks Airport | Joe Hammond |
| 3) Alliance Airport | Lauren Spence |

VIII. Citizen's Presentations

Individual citizen presentations shall be limited to three minutes and group presentations shall be limited to ten minutes. The Chair, at their discretion, may reasonably extend these limits.

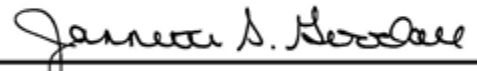
IX. Request for Future Agenda Items

X. Adjournment

The next regularly scheduled meeting date of this Board is scheduled for Thursday, April 21, 2022 at 3:00 p.m. Notification of the confirmed Board date will be sent by Constant Contact email. If you wish to submit an agenda item(s) for the next regularly scheduled Aviation Advisory Board meeting, please submit item(s) for consideration no later than 12 p.m. (Noon), Wednesday, April 6, 2022.

Meeting agendas are available 72 hours prior to a meeting and may be found on the City's website at <https://www.fortworthtexas.gov/calendar/boards-commission>.

I, the undersigned authority, do hereby certify that this Notice of Meeting was posted on the City of Fort Worth official website and said Notice was posted on the following date and time Thursday, January 20, 2022 at 2:00 p.m. and remained so posted continuously for at least 72 hours preceding the scheduled time of said meeting.



City Secretary for the City of Fort Worth, Texas

SUMMARY OF MINUTES
 Aviation Advisory Board Meeting
 November 11, 2021

I. Call to Order

With a quorum of the Board Members present, Vice-Chair Mitchell Moses called the meeting of the Aviation Advisory Board to order at 3:01p.m., Thursday, November 11, 2021, at Fort Worth Meacham Airport, 201 American Concourse, Suite 306, Fort Worth, Texas 76106.

BOARD MEMBER	DISTRICT	PRESENT/ ABSENT
Marcia Ceplecha	1	P
Toni Early	2	A
Mitchell Moses	3	P
Neftali Ortiz	4	P
Samith Hill	5	P
Mike Gonzalez	6	P
Charles "C.B." Team	7	P
Howard Rattliff	8	A
Tom Hicks	9	P
CITY STAFF		
Roger Venables, Aviation Director		
Royce Hansen, Assistant City Attorney		
Aaron Barth, Assistant Aviation Director		
Joe Hammond, Assistant Aviation Director		
Ricardo Barcelo, Administrative Services Manager		
Dakota Shaw, Meacham Airport Supervisor		
Jeff Henson, Accountant		
Tina Stiebel, Administrative Assistant		
Erin Roden, Administrative Assistant		
Lindsey Crocker, Administrative Assistant		
Barbara Goodwin, Real Property Manager		

II. Roll Call

III. Consideration of Minutes for the September 16, 2021 Meeting

Motion: Neftali Ortiz **Second:** Samith Hill **7 Approved, 0 Opposed**

IV. Action Items - None

V. Items for Discussion

1) 2021 Fort Worth Alliance Air Show Update - Lauren Spence

- This year was hybrid, so visitors could park and listen to the frequency or join sponsors East of the tower
- Friday was a dress rehearsal with about 2,000 high school students
- Saturday and Sunday attendance was 17,000 each day, and the parking lots were full just before the Blue Angels performed

- Volunteer photographers donated photos taken for Hillwood marketing
 - Bell Helicopter was the featured sponsor
 - #1 concern was noise complaints which did occur
 - Next year every option is open, and we want to bring back static events
- 2) Hangar Development Process - Barbara Goodwin
- Hangar space available at Meacham and Spinks
 - Video was presented that will be shown to interested ones which indicates steps to be taken in which order and who will be involved at each stage (City staff, Aviation Advisory Board, Council, etc.)
 - For serious interest, development guide will be provided
- 3) FY2021 Aviation Department Financial Recap - Ricardo Barceló
- Mission
 - Vision
 - KPIs of each airport
 - FY22 staff
 - FY21 Revenue Actuals
 - Air cargo landing fees at Alliance was largest contribution
 - Fuel flowage
 - Leases (which were up due to FedEx lease)
 - FY21 Expenditure Actuals
 - Total Expenditure Budget
 - Financial balances as of 9/30/21
 - FY21 highlights

VI. Announcements

- 1) The next Aviation Advisory Board meeting will be held Thursday, January 27, 2022, starting at 3:00 p.m. at Alliance Airport. There will be a same day tour of Alliance Airport for AAB members starting promptly at 1:30 p.m. For any AAB member who wishes to tour, please contact Tina Stiebel.
- 2) Aviation Director welcomed Tom Hicks as the new member of the Aviation Advisory Board representing District 9.

VII. Staff Reports

- **Meacham Airport** **Aaron Barth**
 - Mid-Field Redevelopment Project
 - Meacham has a waiting list for hangars with commitments.
 - Construction on the utility corridor is nearing completion. Once this portion is completed, construction on the road portion will then begin.
 - This portion will be replacing and extending Commander Road into the new redevelopment area and installing the required utility lines.
 - The goal is to have parcel sites ready for developers to easily tie into the road and main utility lines once completed.
 - Airport Master Plan Update
 - Has begun and is progressing, and we are looking forward to wrapping it up next year.
 - Coffman and Associates conducted public meetings in June and November that were well received.

- This is a long-range plan that takes a holistic view of airport and community trends and is conducted by consultants that specialize in this field.
 - This effort takes approximately 12 to 18 months to complete.
- **Spinks Airport** **Joe Hammond**
 - West Side Box Hangar Construction
 - Contractors broke ground June 17th with expected completion to occur in January/February which will include:
 - Construction of a new group 1 hangar access taxi-lane on the west side of Spinks Airport.
 - Construction of a 12-unit box hangar. Each unit will be approximately 3,400 square feet.
 - West Side Fence Replacement
 - Removal and replacement of ¾ mile of failing/overgrown fence line between the air traffic control tower and Fire Station 42.
 - Include with fence install a concrete base that will double as a mow strip and wildlife barrier.
 - Increase safety, improve aesthetics, decrease maintenance requirements, and provide a subgrade barrier to prevent/reduce wildlife from burrowing under the fence.
- **Alliance Airport** **Lauren Spence**
 - Gulfstream Aerospace Corporation MRO Facility
 - As of August 31, plans and specifications were completed and taxilane construction bids opened on Thursday October 7.
 - Construction is currently underway, with the facility operable by the spring of 2022.
 - Amazon Environmental Assessment Mitigation Phase
 - Currently working with homeowners to determine their choice of mitigation options.
 - Posting open house to provide homeowners an opportunity to see options for noise mitigation.
 - Information presented to possibly effected homeowners included: study/construction schedules, possible mitigation options and how the process will be conducted.
 - The first round of noise testing was completed in early February 2021, and the second round occurred in June.
 - Part 150 Update
 - CP&Y and AECOM are addressing comments that the FAA has provided in response to the final submittal and are re-submitting.
 - A virtual public meeting was held on April 29, 2021 to introduce the Part 150 Noise Exposure Map (NEM) Update. This meeting provided an opportunity for the public to provide comments on both the NEM update and the 2025 Future Conditions NEM. Once the update is accepted by the FAA, the new noise contours for Fort Worth Alliance Airport will be finalized and published.

➤ Taxiway Papa Extension

- Amazon is anxious to get the benefit of a second access point of 16R
- Work is underway and is a critical project that will create a safer operating environment for all users by reducing dual runway crossings by west side users of the airport.
- Excavation has been done, bringing this worksite to field elevation.
- All outstanding work for Phase 1 is scheduled to be completed by mid-November 2021.
- A sixty (60) day closure of RWY 16R/34L will enable construction crews to complete concrete and electrical work on the newly-constructed portions of TWY P that are located within the runway safety

VIII. Citizen's Presentations – None

IX. Request for Future Agenda Items – None

X. Adjournment

With no further presentations or discussions, Neftali Ortiz motioned to adjourn the Aviation Advisory Board Meeting, C.B. Team seconded, and Vice-Chair Mitchell Moses adjourned the meeting at 4:06 p.m., Thursday, November 11, 2021.

Minutes Approved By:

Roger Venables
Director of Aviation

Toni Early
Chair



AVIATION ADVISORY BOARD COMMUNICATION

DATE: January 27, 2022	REFERENCE NO. 0101
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SUBJECT:

(CD 7) Recommend the City Council Authorize Application for and Acceptance of the Fiscal Year 2022 Cargo Entitlement Grant, if Awarded, from the Federal Aviation Administration, in an Amount Up to \$2,222,222.00, for Airport Lighting, Joint and Pavement Improvements, a Pavement Management Report, and the Extension of Taxiway Papa at City of Fort Worth Alliance Airport, Authorize the Use of Land Credits or Cash Match for the City’s Match in an Amount Up to \$277,778.00, for a Total Amount Up to \$2,500,000.00

RECOMMENDATION:

The Aviation Advisory Board recommends that the City Council:

1. Authorize the application for and acceptance of the Fiscal Year 2022 Cargo Entitlement Grant, if awarded, from the Federal Aviation Administration, in an amount up to \$2,222,222.00 for airport lighting, joint and pavement improvements, a pavement management report, and the extension of Taxiway Papa at City of Fort Worth Alliance Airport; and
2. Authorize the use of land credits or cash match in an amount up to \$277,778.00, for the City’s in-kind local match of the project cost.

DISCUSSION

Each year the City of Fort Worth Alliance Airport (Airport) is eligible to receive Airport Cargo Entitlement funds from the Federal Aviation Administration (FAA) based on the amount of cargo activity from the previous calendar year and discretionary dollars available in the Airport Improvement Program (AIP). The total amount of entitlement funds being applied for this year is \$2,500,000.00.

The Fiscal Year 2022 Cargo Entitlement grant will be used for, but not be limited to, the following projects:

- Design, construction and construction oversight for the resealing of pavement joints and miscellaneous pavement repairs at various locations on the Airport;
- Construction for the rehabilitation of taxiway centerline lighting;
- Creation of a Pavement Management Report to determine the pavement conditions at various locations on the Airport; and
- Design for the continued extension of Taxiway Papa;

Existing land credits remaining from land donations at City of Fort Worth Alliance Airport will be used for the City’s in-kind match of \$277,778.00. If land credits are not available, a cash match will be used.

City of Fort Worth Alliance Airport is located in COUNCIL DISTRICT 7.



AVIATION ADVISORY BOARD COMMUNICATION

DATE: January 27, 2022	REFERENCE NO. 0102
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SUBJECT:

(CD 7) Recommend the City Council Authorize the Application for and Acceptance of the Fiscal Year 2022 Noise Mitigation Grant, if Awarded, from the Federal Aviation Administration, in an Amount Up to \$1,976,495.00 for Noise Mitigation Efforts at City of Fort Worth Alliance Airport, and Authorize the Use of Land Credits or Cash Match for the City’s Match in an Amount Up to \$219,611.00, for a Total Amount Up to \$2,196,106.00

RECOMMENDATION:

The Aviation Advisory Board recommends that the City Council:

1. Authorize the application for and acceptance of a Noise Mitigation Grant, if awarded, from the Federal Aviation Administration, in an amount up to \$1,976,495.00 for noise mitigation efforts at City of Fort Worth Alliance Airport; and
2. Authorize the use of land credits or cash match, in an amount up to \$219,611.00, for the City’s in-kind local match of the project cost.

DISCUSSION

The Federal Aviation Administration (FAA) has issued over \$19,000,000 in grant funding during the 2019, 2020 and 2021 fiscal years for the Noise Mitigation project (Project) at City of Fort Worth Alliance Airport (Airport). The 2022 grant, if awarded, will be for the final portion of the noise mitigation efforts included in this Project. Any funding not used will be returned to the FAA.

The first phase of the Project included an in-depth study of homes in the Rivers Edge neighborhood, which determined 264 homes are eligible for noise mitigation efforts.

Five methods for noise mitigation will be offered to the homeowners. These methods include a sound insulation program, sales assurance program, transaction assistance program, and purchase assurance program, all with an associated avigation easement, as well as an avigation easement program. The choice of the sound insulation program, which is most common in this project, will consist of the installation of new windows and doors. The choice of purchase assurance, sales assurance, or transaction assurance are measures with which to assist homeowners who prefer to move from the noise impacted areas and facilitate a timely market sale of noise impacted properties.

This grant, if awarded, would be in the amount up to \$1,976,495.00. Existing land credits remaining from land donations at the Airport will be used for the City’s in-kind match of \$219,611.00. If land credits are not available, a cash match will be used.

City of Fort Worth Alliance Airport is located in COUNCIL DISTRICT 7.



AVIATION ADVISORY BOARD COMMUNICATION

DATE: January 27, 2022

REFERENCE NO. 0103

SUBJECT:

(CD 2) Authorize Application for and Acceptance of the Infrastructure Investment and Jobs Act of 2021 Grant, if Awarded, for City of Fort Worth Meacham International Airport from the Federal Aviation Administration Passed Through the Texas Department of Transportation in an Amount Up to \$763,000.00

RECOMMENDATION:

The Aviation Advisory Board recommends that the City Council authorize the application for and acceptance of the Infrastructure Investment and Jobs Act of 2021 Grant, if awarded, for the City of Fort Worth Meacham International Airport from the Federal Aviation Administration passed through the Texas Department of Transportation in an amount up to \$763,000.00.

DISCUSSION

On November 15, 2021, the Infrastructure Investment Jobs Act of 2021 (IIJA) was signed into law, allocating \$1.2 trillion in new spending of which \$550 billion will go towards investment in our nation's core infrastructure priorities including roads and bridges, rail, transit, ports, airports, the electric grid, water systems and broadband. Of this, \$25 billion has been allocated toward funding of our nation's airports.

These funds will be available for:

1. Airport Improvement Grant program for runways, gates and taxiways that increase safety and expand capacity;
2. Airport Terminal Improvement program for terminals, concessions and multimodal connections for increased terminal energy efficiency and accessibility; and
3. Air Traffic Control infrastructure to replace facilities and equipment and improve safety, security and environmental standards.

Based on a classification provided by the Federal Aviation Administration (FAA), the City of Fort Worth Meacham International Airport (Airport) is eligible to receive up to \$763,000.00 under the program. Per the FAA, the IIJA will provide "funding to modernize infrastructure, increase equity in transportation, help fight climate change, strengthen the supply chain and create jobs."

Funding from the IIJA will be paid at 100% of the federal share and will be administered through the Texas Department of Transportation (TxDOT), therefore no City match is required.

The City of Fort Worth Meacham International Airport is located in COUNCIL DISTRICT 2.



AVIATION ADVISORY BOARD COMMUNICATION

DATE: January 27, 2022

REFERENCE NO. 0104

SUBJECT:

(CD 6) Authorize Application for and Acceptance of the Infrastructure Investment and Jobs Act of 2021 Grant, if Awarded, for City of Fort Worth Spinks Airport from the Federal Aviation Administration Passed Through the Texas Department of Transportation in an Amount Up to \$295,000.00

RECOMMENDATION:

The Aviation Advisory Board recommends that the City Council authorize the application for and acceptance of the Infrastructure Investment and Jobs Act of 2021 Grant, if awarded, for the City of Fort Worth Spinks Airport from the Federal Aviation Administration passed through the Texas Department of Transportation in an amount up to \$295,000.00.

DISCUSSION

On November 15, 2021, the Infrastructure Investment Jobs Act of 2021 (IIJA) was signed into law, allocating \$1.2 trillion in new spending of which \$550 billion will go towards investment in our nation's core infrastructure priorities including roads and bridges, rail, transit, ports, airports, the electric grid, water systems and broadband. Of this, \$25 billion has been allocated toward funding of our nation's airports.

These funds will be available for:

1. Airport Improvement Grant program for runways, gates and taxiways that increase safety and expand capacity;
2. Airport Terminal Improvement program for terminals, concessions and multimodal connections for increased terminal energy efficiency and accessibility; and
3. Air Traffic Control infrastructure to replace facilities and equipment and improve safety, security and environmental standards.

Based on a classification provided by the Federal Aviation Administration (FAA), the City of Fort Worth Spinks Airport (Airport) is eligible to receive up to \$295,000.00 under the program. Per the FAA, the IIJA will provide "funding to modernize infrastructure, increase equity in transportation, help fight climate change, strengthen the supply chain and create jobs."

Funding from the IIJA will be paid at 100% of the federal share and will be administered through the Texas Department of Transportation (TxDOT), therefore no City match is required.

The City of Fort Worth Spinks Airport is located in COUNCIL DISTRICT 6.



AVIATION ADVISORY BOARD COMMUNICATION

DATE: January 27, 2022	REFERENCE NO. 0105
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SUBJECT:

(CD 7) Authorize Application for and Acceptance of the Infrastructure Investment and Jobs Act of 2021 Grant, if Awarded, for City of Fort Worth Alliance Airport from the Federal Aviation Administration in an Amount Up to \$1,452,956.00

RECOMMENDATION:

The Aviation Advisory Board recommends that the City Council authorize the application for and acceptance of the Infrastructure Investment and Jobs Act of 2021 Grant, if awarded, for the City of Fort Worth Alliance Airport from the Federal Aviation Administration in an amount up to \$1,452,956.00.

DISCUSSION

On November 15, 2021, the Infrastructure Investment Jobs Act of 2021 (IIJA) was signed into law, allocating \$1.2 trillion in new spending of which \$550 billion will go towards investment in our nation's core infrastructure priorities including roads and bridges, rail, transit, ports, airports, the electric grid, water systems and broadband. Of this, \$25 billion has been allocated toward funding of our nation's airports.

These funds will be available for:

1. Airport Improvement Grant program for runways, gates and taxiways that increase safety and expand capacity;
2. Airport Terminal Improvement program for terminals, concessions and multimodal connections for increased terminal energy efficiency and accessibility; and
3. Air Traffic Control infrastructure to replace facilities and equipment and improve safety, security and environmental standards.

Based on a classification provided by the Federal Aviation Administration (FAA), the City of Fort Worth Alliance Airport (Airport) is eligible to receive up to \$1,452,956.00 under the program. Per the FAA, the IIJA will provide "funding to modernize infrastructure, increase equity in transportation, help fight climate change, strengthen the supply chain and create jobs."

Funding from the IIJA will be paid at 100% of the federal share, therefore no City match is required.

The City of Fort Worth Alliance Airport is located in COUNCIL DISTRICT 7.



Department Update

January 27, 2022

Toni Early
Aviation Advisory Board Chair

Roger Venables
Director of Aviation

Meacham Airport

Mid-Field Redevelopment Project

Construction on the utility corridor for the midfield redevelopment project is nearing completion. Construction of the road portion has begun and progress is ongoing. This portion of the Mid-Field Project will be replacing and extending Commander Road into the new redevelopment area and installing the required utility lines along the road. The goal is to have parcel sites ready for developers to easily tie into the road and utility lines once it is completed.

Airport Master Plan Update

The Master Plan process at Meacham Airport is progressing. Coffman and Associates conducted a public meeting in June, and another the beginning of November and it was well received. The next planning/public meeting will take place sometime in the spring. The Airport Master Plan is a long-range plan that takes a holistic view of airport and community trends and is conducted by consultants that specialize in this field. The last plan was conducted in 2004 and is typically updated every 10-15 years. This effort takes approximately 12 to 18 months to complete.

Spinks Airport

West Side Box Hangar Construction

Contractors broke ground June 17th, with the expected completion to occur in January/February.

The West side box hangar construction project consists of:

- Construction of a new group 1 hangar access taxi-lane on the west side of Spinks Airport.
- Construction of a 12-unit box hangar. Each unit will be approximately 3,400 square feet.

Alliance Airport

Gulfstream Aerospace Corporation MRO Facility

Construction is underway for Gulfstream's new 160,000 square foot Maintenance, Repair, and Overhaul (MRO) service center located on private property at the east end of TWY H and is scheduled to be completed by spring of 2022. Concrete paving for the new adjoining taxilane between Gulfstream and TWY H is scheduled to begin mid-January 2022.

Amazon Environmental Assessment Mitigation Phase

The Public Meetings (virtual) for this project occurred on January 12-13, 2021 and included the following information which was presented to possibly affected homeowners: study/construction schedules, possible mitigation options and how the process will be conducted. The first construction bid phase began on November 30, 2021 and included five (5) affected homes in the Rivers Edge subdivision and the final noise testing was completed in early December 2021. The findings determined that all homes in the Rivers Edge subdivision qualify for sound insulation, which was approved by the FAA. Homeowner outreach meetings and contractor informational and training meetings began on November 9, 2021 and are on-going.

Part 150 Update

The Part 150 Update, which began January 2019, was approved by the FAA on December 23, 2021. As of January 3, 2022, information regarding the Part 150 Noise Exposure Map Update was published in the FAA Federal Register.

Taxiway Papa Extension

The Taxiway Papa Extension is underway and is a critical, multiphase project that will create a safer operating environment for all users by reducing dual runway crossings by west side users of the airport. Phase II work, which is located between the newly completed Phase I area at TWY E and the existing TWY P at the TWY D intersection, is currently being prepared for lime treatment and concrete pouring. A fifty (50) day runway closure of RWY 16R/34L is tentatively scheduled for mid-March 2022 to enable the Mario Sinacola & Sons construction crews to complete demo, the pour of new concrete, and all associated electrical work on the Phase II area within the runway safety area. All outstanding work is scheduled to be completed by the end of April 2022.