Joint Planning Conference Federal **Fiscal Year** 2025-2029

WILEY POST

Oklahoma City Airport Trust

Welcome to OKC

OKC Will Rogers International Airport (OKC)

Wiley Post Airport (PWA)

Clarence E. Page Airport (RCE)

Federal Capital Plan 20 by Federal 20 Fiscal Year 20

2025	\$55,602,493	
2026	\$8,805,627	
2027	\$19,990,400	
2028	\$12,077,804	CONTRACTOR OF A DECIMAL OF A
2029	\$16,144,674	いたのでいたので、



Reconstruct Terminal Apron – Phase II

- Continuation of the Terminal Apron project to reconstruct the concrete apron pavement that is past its useful life.
- Current issues include panel cracking from load repetition, high severity scaling, raveling of surface and joints, and other age-related distresses.







Total Budget

AIP - Entitlement	\$6,227,214
AIP – Req. Discretionary	\$0
AIG – Allocation	\$0
ATP	\$0
ODAA	\$0
OCAT	\$691,913
Total	\$6,919,127

- New pavement will significantly reduce FOD hazards, reduce maintenance costs, and reduce gate closures for repair.
- Phase II encompasses 10,497 SF of pavement to be reconstructed adjacent to gates 20 through 24.





- Phase III completes the pavement rehabilitation started in phase II, on the outbound in the section south of Amelia Earhart Lane.
 - Asphalt pavement in the intersection has rutted and developed alligator cracking with uneven and bumpy sections affecting the customer's experience and increasing wear and tear on vehicles.







Rehabilitate Terminal Access Roadways – Phase III

2025

Total Budget

AIP - Entitlement	\$0
AIP – Req. Discretionary	\$0
AIG – Allocation	\$3,191,367
ATP	\$0
ODAA	\$0
OCAT	\$354,597
Total	\$3,545,964

- Pavement repair will eliminate the need for temporary repairs that interrupt traffic flow at a critical section of the roadway that serves all passengers utilizing the terminal building, thereby also decreasing vehicle idle times and lowering wasteful emissions.
- Project consists of rehabilitation/replacement of approximately 8,800 SY of pavement, 4,400 LF of curb and gutter, and 2,000 LF of stormwater collection system pipe.





- Replace deteriorating porcelain tile flooring with terrazzo.
- The existing tiles are prone to frequent cracking and breaking.
 - The current flooring generates significant noise, which contributes to stress, reduces communication effectiveness, and negatively impacts the overall traveler experience.
- The current tile style has been discontinued leading to an aesthetically displeasing mismatched look throughout the terminal.





Terminal Building Flooring Replacement – Phase I

2025

- Terrazzo is a non-slip, highly durable flooring that resists heavy foot traffic, rolling luggage, and equipment movement. This durability means it can last for decades, often outlasting other flooring options.
- The smooth, seamless, ADA-compliant design ensures easier navigation for wheelchairs and other mobility aids.
- Provides an easy to clean hypoallergenic and hygienic surface.

1) SCALE: 1"-20-0"

• Phase I consists of the second level airside of the terminal with a total of 44,700 SF.





Total Budget

AIP - Entitlement	\$0
AIP – Req. Discretionary	\$0
AIG – Allocation	\$2,857,562
ATP	\$0
ODAA	\$0
OCAT	\$317,507
Total	\$3,175,069





Passenger Boarding Bridges Replacement – Phase III

Total Budget

AIP - Entitlement	\$0
AIP – Req. Discretionary	\$0
AIG – Allocation	\$0
ATP	\$7,695,000
ODAA	\$0
OCAT	\$2,851,971
Total	\$10,546,971

- Final phase of the Passenger Boarding Bridges project to replace remaining outdated bridges.
- New bridges will improve passenger experience, operational efficiency, reduce maintenance downtime, improve reliability, and provide modernized features.
 - New bridges will be adaptable to newer aircraft types ensuring continued compatibility and serve a broader range of aircraft as airlines' needs continue to evolve.
- Six bridges replaced at 128 LF each, totaling 768 LF.
- OCAT has applied for \$7,695,000 in ATP funds. Remaining \$2,851,971 will be funded by OCAT.





Total Budget

AIP - Entitlement	\$0
AIP – Req. Discretionary	\$0
AIG – Allocation	\$0
АТР	\$0
ODAA	\$4,000,000
OCAT	\$0
Total	\$4,000,000

- Design and construction of a new 20,000 SF hangar for the Metro Tech Campus at OKC Will Rogers International Airport.
- Provide cover for the MD-80 aircraft used for maintenance and training purposes.
- Reduce maintenance costs and prolong the life of the MD-80 aircraft by providing protection from harsh and inclement weather.
- Improve the quality of educational experience for staff and students by removing added stress that harsh and inclement weather can bring to the learning environment.







- Phase IV is the final phase of the Rehabilitate Terminal Access project, encompassing repairs of the intersection
 of Terminal Drive and Amelia Earhart Lane, which is a critical intersection for passengers accessing the terminal
 and for cargo delivery.
- Asphalt pavement in the intersection has rutted and developed alligator cracking with uneven and bumpy sections affecting customer experience and increasing wear and tear on vehicles.
 - The intersection is currently included on the Metropolitan Planning Organization's dangerous intersections list. Dedicated left turn lanes and signal optimization will also improve the safety of the intersection.







Rehabilitate Terminal Access Roadways – Phase IV

Total Budget

2025

AIP - Entitlement	\$0
AIP – Req. Discretionary	\$5,000,000
AIG – Allocation	\$0
ATP	\$0
ODAA	\$0
OCAT	\$900,000
Total	\$5,900,000

- Repair of the intersection of Terminal Drive and Amelia Earhart Lane, which is a critical intersection for passengers accessing the terminal and for cargo delivery.
- Dedicated left turn lanes and signal optimization will also improve the safety of the intersection.
- Project consists of rehabilitation/replacement of approximately 16,750 SY of pavement, 4,750 LF of curb and gutter, 2,500 LF of stormwater collection system pipe, and 8 wayfinding signs.
 - \$5,000,000 2025 Earmark requested, remaining \$900,000 will be funded by OCAT.





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Continuation of Terminal Building Flooring project to replace deteriorating porcelain tile flooring with terrazzo.









Terminal Restrooms Renovations – Phase II

- Update the access and finishes for the restrooms in the main terminal area, encompassing all landside restrooms.
- Upgrades will increase capacity and passenger access, replace aging infrastructure, achieve ADA compliance and increase energy and water use efficiency.
- Phase II will consist of a total of 2,787 SF of renovated area. •
- The mezzanine restrooms located in the airport administration area will be renovated with 100% OCAT ٠ funding.
- Anticipate competing for ATP grant funds, remaining will be funded by OCAT.



Total Budget

AIP - Entitlement	\$0
AIP – Req. Discretionary	\$0
AIG – Allocation	\$0
ATP	\$2,621,429
ODAA	\$0
OCAT	\$137,970
Total	\$2,759,399

Rehabilitate Runway 17R/35L Pavement, Shoulder, and Lighting and Taxiway H Connector Reconstruction

- Pavement in the center portion of the runway shows signs of distress including panel cracking from load repetition, high severity scaling and raveling of the surface, and other age-related distresses, with PCI numbers ranging from 70 to 90.
- Taxiway A1 and Taxiway B connectors are in poor condition, have been determined to be structurally compromised, and are recommended for reconstruction, as well as the runway lighting has that exceeded its maintainable life.
- Shoulders are severely degraded including transverse cracking of up to 2" with high severity raveling along the cracks.









- Runway rehabilitation will include extensive slab replacement, crack and spall repair, and patching and joint seal replacement, taxiways will be milled and overlayed, runway centerline will be upgraded, and edge lights changed from incandescent to LED.
- Project consists of approximately 8,800 LF at 150 FT wide, plus shoulders and lights. Also, approximately 275 LF per taxiway connector.





Continuation of Terminal Building Flooring project to replace deteriorating porcelain tile flooring with terrazzo.











- Rehabilitation and/or reconstruction of concrete taxiway pavement, and asphalt shoulders on taxiway E and E connectors.
- Pavement Management Program results indicate these taxiway areas are at a point where rehabilitation will maximize pavement life while minimizing cost.





The work will include concrete joint and spall repair, partial slab replacement as required, and full taxiway concrete replacement in isolated location.

Shoulders are also recommended for a mill and overlay.



Total Budget

AIP - Entitlement	\$5,304,636
AIP – Req. Discretionary	\$1,985,871
AIG – Allocation	\$0
ATP	\$0
ODAA	\$0
OCAT	\$810,056
Total	\$8,100,563



Total

\$O

\$0

\$0

\$10,250,633

- When Taxiway H was relocated it didn't include paved shoulders. During the project FAA criteria changed, but it wasn't included in the design.
- Three midfield connectors to the west will be replaced with concrete.
- Provide shoulders the full length of Taxiway H.





Continuation of the Terminal Apron project to reconstruct the concrete apron pavement that is past its useful life.









Phase III encompasses 11,611 SF of pavement to be reconstructed behind gates 8 to 12.



Total Federal Capital Plan: \$29,042,102

Wiley Post Airport

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New Air Traffic Control Tower

- Current Air Traffic Control Tower (ATCT) is 64-year-old, infrastructure is outdated and has significant deficiencies.
- The current tower lacks an elevator, impeding emergency evacuation and accessibility for disabled individuals.
- Serious line-of-sight issues reducing controllers' visibility of aircraft movements on the runway and taxiways, increasing the risks of accidents, inefficiencies in traffic management, and delays in emergency response.
- Equipment in the current tower is antiquated, resulting in slower processing times, reduced reliability, and increased maintenance costs, which further impacts operational efficiency.



New Air Traffic Control Tower

- The new tower will enhance visibility, improving airfield safety, reduce controller workload and collision risks, optimize airfield operations, and handle increased flights efficiently.
- Upgrade will also introduce energy-efficient technologies, lowering operational costs and environmental impact.
- A siting study is currently underway to determine the optimal location for the new tower with construction anticipated in 2025.
- Siting study will determine a new tower height, with a likely increase from 39 FT to between 85 FT to 95 FT.
- Anticipate competing for ATP & FCT grant funds, remaining costs will be funded by OCAT.



Total Budget

AIP - Entitlement	\$0
AIP – Req. Discretionary	\$0
AIG – Allocation	\$0
ATP	\$16,005,721
ODAA	\$0
OCAT	\$842,407
Total	\$16,848,128



- Current concrete is showing signs of cracking, shattered slabs, joint spalling, and failing sealants. Creating significant FOD hazards for aircraft and ground operations.
- The State PCI inspection, conducted on November 14, 2023, resulted in a PCI value of 73.





Terminal Apron Pavement Rehabilitation

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Total Budget

AIP - Entitlement	\$300,000
AIP – Req. Discretionary	\$0
AIG – Allocation	\$0
ATP	\$0
ODAA	\$0
OCAT	\$592,029
Total	\$892,029

- Conduct detailed inspections and testing to assess the extent of damage, replace damaged concrete and upgrade sealant.
 - The proposed area covers a 115,583 SF area on the northeast side of the ramp.



Aircraft Box Hangars

- Install new hangars in the Northeast Development Area to decrease the number of individuals/companies on the tenant waiting list and increase airport revenue.
- The Northeast Development Area is currently set up for hangars with taxiway, access road, and utilities in place.
- OCAT will study and evaluate to see how many box hangars will be built.
- The box hangars will be approximately 60'x60' and planned in a group of six hangars with a new taxilane constructed between them.
- ODAA is providing up to five million in funding.



Total Budget

AIP - Entitlement	\$0
AIP – Req. Discretionary	\$0
AIG – Allocation	\$0
ATP	\$0
ODAA	\$1,342,082
OCAT	\$2,013,123
Total	\$3,355,205



The existing three foot chain-link and wrought iron fencing is a decades-old system and has suffered from significant wear and tear, leading to rust, corrosion, and structural damage.







Construct Perimeter Fence and Gates

Total Budget

AIP - Entitlement	\$0
AIP – Req. Discretionary	\$0
AIG – Allocation	\$2,553,000
ATP	\$0
ODAA	\$0
OCAT	\$508,992
Total	\$3,061,992

- Installing a taller fence will enhance the property boundary and deter unauthorized access, trespassing, and protect airport infrastructure.
- Redesign gate locations which will control the access points for authorized vehicles accessing the Airport Operations Area.
- Perimeter chain-link fence with wildlife deterrent 24,446 LF, interior chain-link fence 16,374 LF, 1 pedestrian gate and 28 vehicular gates.



Taxiway B Pavement Rehabilitation and Drainage

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- Current pavement is exhibiting signs of distress, including spalls and cracks, worsening FOD issues.
- Unsafe grade changes at intersections are causing aircraft to experience bouncing during taxiing, compromising safety and operational efficiency.
 - Issues with standing water creates maintenance challenges.





Taxiway B Pavement Rehabilitation and Drainage

Total Budget

AIP - Entitlement	\$300,000
AIP – Req. Discretionary	\$1,800,000
AIG – Allocation	\$0
ATP	\$0
ODAA	\$125,000
OCAT	\$303,370
Total	\$2,528,370

- Pavement rehabilitation will remove and replace joint sealant, concrete spall, cracks, and full depth repairs.
- Improve taxiway profile to remove unsafe grade changes at intersections.
- Drainage improvements include increasing existing structure size or adding a structure that conveys drainage from the terminal area to the west side of the airport.
- 3,730' x 50' taxiway.





• Rehabilitation of concrete pavement and the replacement of PAPIs and edge lighting on runway 17L/35R. It has been over ten years since the last rehabilitation on the runway.







Runway 17L/35R Rehabilitation, PAPI and Edge Lights •

Total Budget

Total	\$2,356,378
OCAT	\$486,688
ODAA	\$0
ATP	\$0
AIG – Allocation	\$0
AIP – Req. Discretionary	\$1,719,690
AIP - Entitlement	\$150,000

- Rehabilitation of pavement with crack, spall repair, patching, and joint seal replacement with minimal full panel replacements, paint removal and remarking.
- Upgrading the PAPIs and edge lighting from incandescent to LED will reduce energy consumption and the cost of parts to maintain the lights.





Extend Future Hangar Development Taxilane

2025

Total Budget

AIP - Entitlement	\$0
AIP – Req. Discretionary	\$0
AIG – Allocation	\$286,074
ATP	\$0
ODAA	\$0
OCAT	\$133,926
Total	\$420,000

- Construction of a new taxilane allowing for the addition of up to 10 box hangars.
- The northeast developed hangar area has reached capacity, limiting airport capacity, growth and expansion.
- A new taxilane is essential to accommodate increased aircraft traffic and operational demands.
- Will streamline aircraft movements, minimizing delays, reduces congestion.
- Taxilane dimensions will be 330' x 25'.



- Design and Rehabilitate Taxiway A
 - 2026

- Rehabilitate Taxiway A and connectors, which has undergone significant wear and deterioration over time.
- In 2012 it was discovered that many spall areas had delamination. Due to insufficient pavement depth for effective repairs, these areas were cut out entirely and replaced. Despite these efforts, the taxiway is now exhibiting additional signs of aging and damage, necessitating further rehabilitation.





Design and Rehabilitate Taxiway A

Total Budget

2026

AIP - Entitlement	\$450,000
AIP – Req. Discretionary	\$0
AIG – Allocation	\$307,426
ATP	\$0
ODAA	\$0
OCAT	\$106,574
Total	\$864,000

- Restore the structural integrity and surface quality of Taxiway A and its connectors by removing and replacing damaged pavement sections, addressing delaminated spall areas, updating joint seals and surface markings, reinforcing the underlying subbase and applying a new overlay of asphalt for a smooth and durable surface.
- Project will consist of 3,500 FT for Taxiway A and 623 FT for the Connectors.





- Rehabilitation of concrete pavement and lighting on runway 17R/35L.
- Edge lights are currently incandescent.



Rehabilitate 17R/35L Pavement and Edge Lights

Total Budget

AIP - Entitlement	\$300,000
AIP – Req. Discretionary	\$1,123,560
AIG – Allocation	\$0
ATP	\$0
ODAA	\$0
OCAT	\$197,303
Total	\$1,620,863

- The majority of pavement will need crack, spall repair, patching, and joint seal replacement with minimal full panel replacements.
- Edge lights will be upgraded from incandescent to LED.
- Rehabilitation will extend the lift of the pavement, eliminate FOD, reduce energy consumption with LED lights and lower the cost maintenance.





Questions?

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