

The City of Durant encourages participation from all its citizens. If participation at any public meeting is not possible due to a disability, notification to the City Clerk at least 48 hours prior to the scheduled meeting is encouraged in order to make the necessary accommodations. The City of Durant may waive the 48-hour rule if interpreters for the deaf (signing) or translation services for limited English proficient (LEP) individuals are not the necessary accommodation.

DURANT AIRPORT AUTHORITY

6:00 PM

**Roscoe J. Hatfield
Council Chambers
300 West Evergreen
Durant, Oklahoma**

January 11, 2022

AGENDA

CALL TO ORDER

ROLL CALL

ORDER OF BUSINESS

1. Consent Items

To help streamline meetings and allow the focus to be on other items requiring strategic thought, the "Consent Items" portion of the agenda groups the routine, procedural, and self-explanatory non-controversial items together. These items are voted on in a single motion (one vote). However, any Council member requesting further information on a specific item thus removes it from the "Consent Items" section for individual attention and separate vote.

- a. Consider Approval of Regular Meeting Minutes of December 14, 2021
- b. Discussion, Consideration, and Possible Action for KSA Engineering or their Consultant's to Perform a Pavement Analysis and if Needed Noise Analysis and Environment Assessment Amendment at the Durant Regional Airport, and Authorize the City Manager to Sign the Contract and Other Documentation for this Study.

2. Consider Items Removed from Consent

3. Information Items

- a. Airport Manager Monthly Report - December 2021

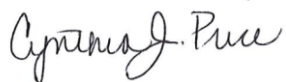
4. Administration

5. New Business

ADJOURNMENT

CERTIFICATE

This is to certify that in conformity with the Oklahoma Open Meeting Act, public notice of the date, time and place of this meeting was filed with the City Clerk of Durant on the 9th day of November, 2021 and that an agenda of said meeting was posted at the place of such meeting at 2:50 p.m. on the 7th day of January, 2022.

A handwritten signature in cursive script, reading "Cynthia J. Price".

Cynthia J. Price, City of Durant



The City of Durant

Memorandum

Date: 1/11/2022
To: Mayor and City Council
From: Cynthia Price, City Clerk
Re: Consider Approval of Regular Meeting Minutes of December 14, 2021

Council Information / Action Requested

City Staff Information / Action Follow-up, if Council authorizes this action:

ATTACHMENTS:

1. Durant Airport Authority Minutes 12142021 cjp

This is to certify that in conformity with the Oklahoma Open Meeting Act, public notice of the date, time and place of this meeting was filed with the City Clerk of Durant on the 5th day of November, 2020 and that an agenda of said meeting was posted at the place of such meeting at 6:20 p.m. on the 9th day of December, 2021.



Cynthia J. Price, City of Durant

**MINUTES OF THE MEETING OF DURANT AIRPORT AUTHORITY
December 14, 2021 AT 6:00 PM
Roscoe J. Hatfield Council Chambers
300 West Evergreen
Durant, Oklahoma**

CALL TO ORDER

Chairman Grube called the meeting to order at 6:46 p.m.

ROLL CALL

Present:

Trustee Steve Brittingham
Trustee Humphrey Miller
Trustee Curtis Morris
Vice Chairman Danny Sherrer
Chairman Oden Grube
City Attorney Tom Marcum
City Manager John Dean
City Clerk Cynthia J. Price

Absent:

None

ORDER OF BUSINESS

1. Consent Items

To help streamline meetings and allow the focus to be on other items requiring strategic thought, the "Consent Items" portion of the agenda groups the routine, procedural, and self-explanatory non-controversial items together. These items are voted on in a single motion (one vote). However, any Council member requesting further information on a specific item thus removes it from the "Consent Items" section for individual attention and separate vote.

- a. Consider Approval of Regular Called Meeting Minutes of November 9, 2021

- b. Discussion, Consideration, and Possible Action On An Airport Authority Building and / or Land Lease Template Contract

Motion To: Approve Consent Items as Presented.

Motion By: Humphrey Miller

Seconded By: Danny Sherrer

Ayes: Brittingham, Miller, Morris, Sherrer, Grube

Nays: None

Abstain: None

2. Consider Items Removed from Consent

3. Information Items

- a. Airport Monthly Report - November 2021

4. Administration

- a. Consider Approval of Resolution R-2021-02C Amending the Comprehensive Fee Schedule for the City of Durant, Durant City Utilities Authority, and Durant Airport Authority

Motion To: Approve Resolution R-2021-02C Amending the Comprehensive Fee Schedule for the City of Durant, Durant City Utility Authority, and Durant Airport Authority with Amended Number of Zero Dollars for Business License and Not Include AMR Antenna Replacement Fee

Motion By: Humphrey Miller

Seconded By: Steve Brittingham

Ayes: Brittingham, Miller, Morris, Sherrer, Grube

Nays: None

Abstain: None

5. New Business

There was no new business.

ADJOURNMENT

Motion To: Adjourn Meeting

Motion By: Curtis Morris

Seconded By: Humphrey Miller

Ayes: Brittingham, Miller, Morris, Sherrer, Grube

Nays: None

Abstain: None



The City of Durant

Memorandum

Date: 1/11/2022
To: Mayor and City Council
From: James Dalton, Assistant City Manager
Re: Discussion, Consideration, and Possible Action for KSA Engineering or their Consultant's to Perform a Pavement Analysis and if Needed Noise Analysis and Environment Assessment Amendment at the Durant Regional Airport, and Authorize the City Manager to Sign the Contract and Other Documentation for this Study.

This will allow for KSA Engineering or their Consultant's to Perform a Pavement Analysis and if Needed Noise Analysis and Environment Assessment Amendment at the Durant Regional Airport, and Authorize the City Manager to Sign the Contract and Other Documentation for this Study.

Council Information / Action Requested

Approve the Scope of Work and Fee for KSA Engineering or their Consultant to Perform a Pavement Analysis and if Needed Noise Analysis and Environment Assessment Amendment at the Durant Regional Airport, and Authorize the City Manager to Sign the Contract and Other Documentation for this Study.

City Staff Information / Action Follow-up, if Council authorizes this action:

City Staff will Prepare the Necessary Documents, Coordinate with KSA Engineering to Conduct the Study, and Coordinate with both the Oklahoma Aeronautics Commission and the FAA to Ensure That All Steps are Completed in this Process.

ATTACHMENTS:

1. Airport - Pavement Analysis Scope with Fee Project 100341



The City of Durant

Memorandum

Date: 1/11/2022
To: Mayor and City Council
From: James Dalton, Assistant City Manager
Re: Discussion, Consideration, and Possible Action for KSA Engineering or their Consultant's to Perform a Pavement Analysis and if Needed Noise Analysis and Environment Assessment Amendment at the Durant Regional Airport, and Authorize the City Manager to Sign the Contract and Other Documentation for this Study.

Discussion, Consideration, and Possible Action for KSA Engineering or their Consultant's to Perform a Pavement Analysis and if Needed Noise Analysis and Environment Assessment Amendment at the Durant Regional Airport, and Authorize the City Manager to Sign the Contract and Other Documentation for this Study.

Council Information / Action Requested

Approve the Scope of Work and Fee for KSA Engineering or their Consultant to Perform a Pavement Analysis and if Needed Noise Analysis and Environment Assessment Amendment at the Durant Regional Airport, and Authorize the City Manager to Sign the Contract and Other Documentation for this Study.

City Staff Information / Action Follow-up, if Council authorizes this action:

City Staff will Prepare the Necessary Documents, Coordinate with KSA Engineering to Conduct the Study, and Coordinate with both the Oklahoma Aeronautics Commission and the FAA to Ensure That All Steps are Completed in this Process.

ATTACHMENTS:

1. Airport - Pavement Analysis Scope_with Fee_Project 100341

January 5, 2022

James Dalton
Assistant City Manager
300 W. Evergreen
P.O. Box 578
Durant, OK 74701

via email only
jdalton@durant.org

**RE: Durant Regional Airport Pavement Structural Analysis – Scope and Fee Proposal
KSA Project No. 100341**

Dear Mr. Dalton,

KSA is pleased to submit our proposal to perform a Structural Analysis for Runway 17-35, the parallel taxiway, connectors, and the terminal apron at the Durant Regional Airport. We understand the Airport believes the actual in place pavement strength is greater than the current published pavement strength. Should the structural analysis determine that published pavement strengths can increase, a runway noise analysis and update to the runway extension EA will be completed. The pavement analysis and environmental tasks are broken up in this proposal.

This proposal provides the scope, schedule, and fee for the implementation of the Pavement Structural Analysis. Services related to the project will be performed as described in this proposal. Proposed fees and related information are developed in association with Applied Research Associates (ARA) and Midwest Engineering and Testing Corporation (METCO).

Scope of Services

KSA proposes to provide the services outlined as follows:

Task 1 – Structural Analysis of Airfield Pavement

Phase 1.00 – Project Kickoff and Records Review:

- Project management, coordination, and conduct project kick-off meeting with Airport staff and other stakeholders
- Collect, review, compile, and summarize available data of the existing Airport pavement infrastructure, including record drawings and existing geotechnical reports
- Generation and review of traffic data and aircraft fleet mix

Phase 2.00 – Mobilization and Field Data Collection:

- Non-destructive Heavy-Weight Deflectometer (HWD) testing performed by ARA with the total number of test points to be collected per FAA Advisory Circular AC 150/5370-11B. A single mobilization fee will be charged by ARA, regardless of which pavement sections are tested. Note that if multiple mobilizations are required by the Airport, additional fee may apply. Anticipate 4 days of testing.
- Ground Penetrating Radar (GPR) testing performed by ARA to determine continuous pavement layer thickness. This will occur during the same mobilization for the HWD. Anticipate 1 day of testing.
- HWD field data collection will be completed *overnight* when the temperature differential is at its minimum value and Airport operations are expected to be the least impacted.
- Geotechnical subsurface investigation performed by METCO to collect pavement structure details that are not currently available to KSA via 14 – 4 inch diameter cores at a depth of 10 feet with soil classification and associated testing; estimated to take 3 days to complete.
- The areas of pavement to be tested will need to be closed to all traffic during field data collection.

Phase 3.00 – Data analysis:

- HWD deflection data will be processed by ARA to compute pavement elasticity properties
- Determine the PCN using FAA COMFAA 3.0 software in accordance with AC 150/5335-5C
- Determine the PCR using FAARFIELD 2.0 software in accordance with Draft AC 150/5335-5D

- Determine the pavement load-bearing capacity using the COMFAA support spreadsheet for PCN and the load bearing capacity tables for PCR within Draft AC 150/5335-5D
- Prepare conceptual structural overlay and/or rehabilitation options if the pavement is determined to be structurally inadequate for the fleet mix or operating under overloading conditions in accordance with FAA AC 150/5320-6F.

Phase 4.00 – Report Preparation

- Provide a detailed Structural Analysis Report with results of the field data collection, PCN, and PCR for the selected pavement sections. A summary of structural adequacy of analyzed pavement, and conceptual pavement rehabilitation and/or overlay section (if required).

Task 2 – Noise Analysis and EA Amendment

Phase 5.00 – Noise Contour Development

- Noise Contour Analysis to be performed by Environmental Science Associates (ESA).
- Aircraft Fleet Mix and AEDT Substitutions: Develop aircraft fleet mix tables for modeling in AEDT; including aircraft models, frequency, and engine types. This task will rely on operational forecast and fleet mix information provided by KSA for each study scenario. Additional research and analysis including discussions with KSA, airport representatives, and/or users may be required to develop fleet mix tables.
- Air Traffic Operational Profile: Based on the role of DUA, fleet mix, and current level of activity at the Airport, it is anticipated that aircraft will be modeled by straight-out flight tracks in the immediate vicinity of the runway ends. There are two published Instrument Arrival Procedures, RNAV (GPS) RWY 17 and RNAV (GPS) RWY 35, which will be used to model aircraft arrival tracks. If recent noise complaint data and/or flight track data from previous studies are available, ESA will utilize this information to make minor flight track adjustments where appropriate. This scope does not include full development of detailed flight tracks and the analysis or preparation of a memorandum to the FAA for the development of custom aircraft profiles.
- Future Year Noise Contours: Generation of two sets of future noise exposure contours at DNL 60, 65, 70, and 75 dB. One set for the year of project completion and one set for 5 years after project completion. Each set of noise exposure contours will reflect the No Action and the Proposed Action alternatives.
- Land Use data, provided by KSA, will be used to calculate acreage contained within each DNL contour for each type of land use. Information pertaining to the DNL 60 contour will only be reported if there is a noise increase of DNL 1.5dB or greater at or above DNL 65 or if there is a noise increase of DNL 3.0 dB or greater at or above DNL 60, in accordance with FAA Order 1050.1F.
- If requested by the FAA, a grid-point analysis will also be prepared within the DNL 45-60 range to determine the potential for a reportable DNL 5 dB or greater change.
- ESA will provide land use impacts and graphics depicting the noise contours and flight tracks. ESA will provide an exported grid file and a brief technical report documenting all assumptions and modeling inputs used to produce the noise exposure contours.

Phase 6.00 – Amendment to Environmental Assessment (EA)

- In accordance with Federal Aviation Administration (FAA) Order 5050.4B, FAA Order 1050.1F, and the FAA Environmental Desk Reference, KSA will prepare a supplemental Environmental Assessment (EA) to analyze potential noise and compatible land use impacts resulting from an increase in published pavement strength at Durant Regional Airport.
- Using the Noise Contour Analysis provided by Environmental Science Associates (ESA), KSA will analyze potential impacts to noise sensitive within the Area of Potential Effect (APE) resulting from the proposed action.
- KSA will perform Agency Coordination and Public Involvement as deemed necessary by the FAA during the project scoping process.

Exclusions

The following services are excluded from this proposal but can be added to the scope and a fee negotiated if desired:

- Design, Bidding, Permitting, and Construction Phase services
- Opinion of Probable Construction Cost (OPCC) Creation
- Surveying services
- Subsurface utility engineering
- Public meetings and coordination

Compensation

We propose to perform the services described under Task 1 and 2 for the above outlined scope at a lump sum fee of the following:

Task 1 – Structural Analysis of Airfield Pavement

Phase 1.00 – Project Kickoff and Records Review \$ 6,710.00

Phase 2.00 – Mobilization and Field Data Collection \$ 54,205.00

Phase 3.00 – Data analysis \$ 21,550.00

Phase 4.00 – Report Preparation \$ 16,265.00

Total for Pavement Analysis Services \$ 98,730.00

Task 2 – Noise Analysis and EA Amendment

Phase 5.00 – Noise Contour Development \$ 24,200.00

Phase 6.00 – Amendment to Environmental Assessment (EA) \$ 22,540.00

Total for Environmental Services \$ 46,740.00

Total for Task 1 and Task 2 \$ 145,470.00

Schedule

We propose to perform the Airfield Structural Analysis in accordance with the following schedule.

- Structural Analysis for Durant Regional Airport
 - ↳ Project Kickoff and Records Review 2 weeks from Notice to Proceed
 - ↳ Mobilization and Field data collection..... 4 weeks
 - ↳ Data analysis 4 weeks
 - ↳ Report preparation..... 4 weeks
 - Total Analysis Schedule 14 weeks
- Noise Analysis and EA Amendment
 - ↳ Project Kickoff 2 weeks from Notice to Proceed
 - ↳ Noise Contour Development 10 weeks
 - ↳ Amendment to Environmental Assessment (EA) 24 weeks
 - Total Analysis Schedule 36 weeks

Proposal Acceptance

If this scope of services and proposed fees are acceptable, KSA will prepare the Standard Form of Agreement and project Task Order for review and execution. As always, KSA appreciates the opportunity to provide professional services for the City of Durant and the Durant Regional Airport. If you have any questions, please do not hesitate to call.

Respectfully,
KSA Engineers, Inc.



Adam Marsh, P.E.
Project Manager



The City of Durant

Memorandum

Date: 1/11/2022
To: Mayor and City Council
From: John Wyatt, Manager
Re: Airport Manager Monthly Report - December 2021

Council Information / Action Requested

Information only.

City Staff Information / Action Follow-up, if Council authorizes this action:

ATTACHMENTS:

1. Airport Monthly Report- December 2021

Durant Airport Monthly Report – DECEMBER 2021

Airport Monthly Sales

• Avgas 100LL -	2536.7 Gallons	\$ 12021.66
• Jet A w/Additive-	19449 Gallons	\$ 76536.73
• Self Service -	1759.36 Gallons	\$ 8361.12
• Total Sales –	23745.06 Gallons	\$ 96919.51
• Total Number of Sales-	158	
• Parking/Misc - \$	\$ 1250.00	\$ 98169.51

Hangers

Project status

- Air Evac is in and active.

Recap:

- 1- Jan – Aug 2020 Sales were \$131603.00
- 2- Sept.- Dec 2020 Sales were \$153502.00
- 3- 2021 Sales are \$781743.00 which is a 174% increase over 2020
- 4- 1st Half of 2021 sales are \$297909.00
- 5- 2nd Half of 2021 sales are \$483834.00 which is a 62.5 % increase over 1st Half of 2021.
- 6- Total fuel cost for 2021 is \$574443.83 vs sales of \$781743.00 for gross profit of 36.1 %.We are working on improving these numbers!

