

MINUTES
Nebraska Aeronautics Commission
February 9, 2024

The Nebraska Aeronautics Commission held their regular meeting at the UNO Aviation Institute, 6320 Maverick Plaza, Omaha, Nebraska. The legal ad was published in the January 30 editions of the Lincoln Journal Star and Omaha Daily Record newspapers and is posted on the website <https://dot.nebraska.gov/aeronautics>. The Commission Book and Public Meetings Act were also posted on the website. Chairperson Scott Tarry called the meeting to order at 1:00 p.m. CST. Commissioners Tom Trumble, Scott Tarry and Diana Smith attended. Dick Trail attended virtually. Commissioner Michael Cook was absent. Also present were Director Jeremy Borrell, Deputy Director/Legal Counsel Andre Aman and Engineering Division Manager Anna Lannin.

Public Comment

No public comment.

Approval of Minutes

Motion by Commissioner Diana Smith to approve the minutes of the December 1, 2023, meeting. Second by Commissioner Tom Trumble. Roll call vote. All voted aye. Motion carried.

Aeronautics Director's Report

Director Borrell thanked the UNO Aviation Institute for hosting today's meeting, and for helping to provide flights in the 737 simulator prior to the meeting. He then highlighted the Nebraska Aviation Symposium and reiterated that it was a fantastic event that enabled the building of relationships across the Nebraska flying community and lauded the FAA for their attendance as well. Director Borrell mentioned that NDOT Division of Aeronautics is focused on increasing staffing levels with positions in Accounting, Operations Chief, and Intern positions. He spoke to the recent movement in the FAA reauthorization bill, and potential impacts on Nebraska airport projects. He also discussed the NASAO Washington Conference that will be held at the end of February. Additionally, the Director spoke of the System Plan and Prioritization System work that is ongoing at the Division of Aeronautics. Finally, he discussed upcoming events.

Report of State Funds Available

Andre Aman presented a written report of state funds available.

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PROJECT GRANT FUND

Funds available November 30, 2023	\$2,848.94
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Commission Actions (12/01/2023 meeting)	
None	
Subtotal	\$0.00
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Other Actions	
None	
Subtotal	\$0.00
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Funds available January 31, 2024	\$2,848.94

Funds available at February 2023 meeting: \$4,058.94

AERONAUTICS CAPITAL IMPROVEMENT FUND (Neb. Rev. Stat. §81-703)

Funds Available November 30, 2023	226,454.41
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Commission Actions (12/01/2023 meeting)	
None	
Subtotal	0.00
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Other Actions	
None	
Subtotal	0.00
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Receipts	
December	\$48,105.62
January	\$172,997.97
Subtotal	221,103.59
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Funds available January 31, 2024	447,558.00

Funds available at February 2023 meeting: \$0

***** Consistent with state statute 81-703, allocations from this fund will be made at the discretion of the NDOT Director upon the recommendation of the Commission**

STATE OWNED AIRFIELDS (SOA) DIVERSION GRANT FUND

Funds available November 30, 2023	\$0.00
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Commission Actions (12/01/2023 meeting)	
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None

Funds available January 31, 2024	\$0.00
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Funds available at February 2023 meeting: \$0

SEAL COAT GRANT FUND (Pavement Preservation Program)

Funds available November 30, 2023	\$405,792.18
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Commission Actions (12/01/2023 meeting)	
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None

Subtotal	\$0.00
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Other Actions	
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None

Subtotal	\$0.00
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Funds available January 31, 2024	\$405,792.18
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Funds available at February 2023 meeting: \$405,792.18

HANGAR REVOLVING LOAN FUND

Funds available November 30, 2023	\$51,839.17
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Commission Actions (12/01/2023 meeting)	
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None

Subtotal	\$0.00
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Other Actions	
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None

Subtotal	\$0.00
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Receipts	
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November	\$16,975.00	
December	\$16,975.00	
January	\$16,975.00	
Subtotal		\$50,925.00
Funds available January 31, 2024		<u>\$102,764.17</u>

Funds available at February 2023 meeting: \$779,332.17
Total amount in Hangar Loan fund: \$3,768,360

FUEL STORAGE LOAN FUND

Funds available October 31, 2023		\$319,599.91
<u>Commission Actions (12/01/2023 meeting)</u>		
None		
Subtotal		\$0.00
<u>Other Actions</u>		
None		
Subtotal		\$0.00
<u>Receipts</u>		
November	\$0.00	
December	\$0.00	
January	\$0.00	
Subtotal		\$0.00
Funds available January 31, 2024		<u>\$319,599.91</u>

Funds available at February 2023 meeting: \$317,796.91
Total amount in Fuel Storage fund: \$336,500

NON-PRIMARY ENTITLEMENT TRANSFER PROGRAM

Funds available October 31, 2023		\$836.75
<u>Commission Actions (12/01/2023 meeting)</u>		
None		\$0.00
<u>Funds Disbursed</u>		

None	
Subtotal	\$0.00
Funds available January 31, 2024	\$836.75

Motion by Commissioner Diana Smith to accept the report of State Funds. Second by Commissioner Tom Trumble. Roll call vote. All voted aye. Motion carried.

Federal Project Requests

All Commissioners were in agreement that due to the high number of CIP data sheets (42) that were on the docket for review, and given that all Commissioners had previously reviewed the data sheets as they had been sent out electronically before the Commission meeting, that the Commission would review any Federal Project Request and CIP data sheet that they had questions about specifically and vote for, as a batch, all of the Federal Project Requests and CIP data sheets together.

Albion B-04

Scope: North Hangar

Total Estimated Cost: \$1,500,000

Currently the airport has 14 based aircraft and continues to have a lot of interest from pilots wanting to base their aircraft at the airport.

The airport prefers a new hangar north of the northernmost box hangar and apron. This will require necessary steps to achieve including update to ALP and relocation of AWOS.

Albion P-01

Scope: ALP Update

Total Estimated Cost: \$350,000

The last update was completed December 2008. Update to current FAA advisory circular requirements and standards. Evaluate airport's future needs and terminal area layout.

Alma B-03

Scope: Construct 100' x 100' Hangar

Total Estimated Cost: \$1,629,000

The airport is in need of additional space to store aircraft.

Beatrice B-02

Scope: 110' x 100' Box Hangar (80' Wide Aircraft Doors) With Approach Pavement

Total Estimated Cost: \$3,000,000

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With an increase in hangar space demand for general aviation aircraft, the airport will build a new 110' x 100 Box Hangar with 80' wide aircraft doors on both sides of the hangar. New approach pavement will be constructed on each side of the hangar to accommodate the double door layout of the hangar. An existing hangar taxiway will be extended to accommodate the new hangar aircraft movements.

Beatrice M-04

Scope: Above Ground Fuel Facility (12,000 Gal 100LL Fuel Tank)
Total Estimated Cost: \$700,000

The existing 100LL fuel facility is currently located below ground, in the middle of the existing apron pavement. The airport is undertaking an apron reconstruction project and removing the existing 100LL fuel facility and constructing a new above ground 12,000 Gal fuel tank with full service and self service equipment on the edge of the proposed apron pavement will be beneficial for aircraft parking and movements on the apron. Additionally, the existing below ground 100LL fuel tanks are over 40 years old and removing the tanks from the ground and having a new facility constructed is beneficial.

Blair R-01

Scope: Design Runway/Taxiway Extension to 5,500' With Initial AGIS
Total Estimated Cost: \$500,000

Blair R-02

Scope: Runway & Parallel Taxiway Extension (Grading)
Total Estimated Cost: \$1,200,000

Grading prior to construction of pavement allows for funding availabilities.

Blair R-03

Scope: Runway & Parallel Taxiway Extension (Paving & Electrical)
Total Estimated Cost: \$3,600,000

Runway 13/31 Extension would accommodate larger aircraft at the airport.

Blair R-04

Scope: Rehabilitate Runway 13/31
Total Estimated Cost: \$477,000

The existing pavement is in need of rehabilitation (selective panel replacement, joint sealant replacement, and crack repair). Completing this work will ensure the life of the pavement is maximized.

Columbus G-02

Scope: Airfield Lighting
Total Estimated Cost: \$1,200,000

Much of the current lighting system is direct buried, stake mounted. The age of the system is past its useful life. There are constant issues that have caused complaints when the lighting does not work. Parts to replace the old system are difficult to find.

Creighton G-02

Scope: Electrical Improvements (Runway Lighting, PAPIs, Beacon & Vault)

Total Estimated Cost: \$1,060,000

The runway lighting is at least 10 years old and the PAPI's are at least 15 years old which exceeds the useful life listed in FAA Order 5100.38, Table 3-7.

Crete B-05

Scope: Construct 3-Bay Hangar

Total Estimated Cost: \$2,230,000

The airport is currently out of hangar space and is in need of additional space to store aircraft.

Crete M-05

Scope: Rehabilitate Runway 17/35, Taxiways, Apron and Taxilane Pavement

Total Estimated Cost: \$970,000

Regular pavement maintenance has proven to extend the usable life of all pavements. The project shall consist of removal and replacement of joint sealant and pavement marking, also crack repair and selective panel replacement.

David City P-02

Scope: Environmental Assessment for Runway Extension

Total Estimated Cost: \$150,000

An EA is required prior to the runway extension.

Fairmont G-01

Scope: Remove and Replace Runway 17/35 Lighting System (MIRL)

Total Estimated Cost: \$478,000

The existing runway lights have exceeded their useful life. Replacement of the lighting system is necessary to preserve safe aviation operations.

Fairmont X-01

Scope: Rehabilitate Parallel Taxiway and Connecting Taxiways to Runway 17/35

Total Estimated Cost: \$1,702,000

The existing asphalt taxiways have exceeded the useful life of the pavement. Rehabilitation is necessary in order to preserve the existing airside pavement in a safe condition for aviation operations.

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Fremont X-03

Scope: Construct Partial Parallel Taxiway (Phase 1)
Total Estimated Cost: \$3,040,000

A full parallel taxiway will reduce back taxiing on the runway and improve safety while doing so. This project will construct a portion of the remaining parallel taxiway from the existing midfield connector to the Runway 32 displaced threshold.

Fremont X-04

Scope: Construct Partial Parallel Taxiway (Phase 2)
Total Estimated Cost: \$2,290,000

A full parallel taxiway will reduce back taxiing on the runway and improve safety while doing so. This project will construct a portion of the remaining parallel taxiway from the Runway 32 displaced threshold to the Runway 32 end.

Gordon P-02

Scope: Airport Master Plan Update/Update ALP with AGIS & Exhibit A
Total Estimated Cost: \$320,000

The current ALP will be 15 years old in 2025. The Airport Authority's challenges and priorities have evolved and changed since 2010. A new master plan is needed to identify and evaluate existing infrastructure, develop alternatives for future developments, and provide strategic plan that the Airport Authority can follow to satisfy current and future needs. This master plan will include an ALP update, complete with aerial mapping and Airports Geographic Information Systems (AGIS) Survey compliance, and the preparation of a new Exhibit A property map.

Hartington B-05

Scope: Construct 6-Place T-Hangar
Total Estimated Cost: \$1,660,000

The airport currently needs additional space to store aircraft.

Hartington B-06

Scope: Construct 100' x 100' Box Hangar
Total Estimated Cost: \$1,990,000

The airport currently needs additional space to store aircraft.

Harvard X-01

Scope: Rehabilitate Taxiways & Drainage Improvements
Total Estimated Cost: \$1,569,000

The existing PCC and asphalt taxiways have exceeded the useful life of the pavement. Rehabilitation is necessary in order to preserve the existing airside pavement in a safe condition for aviation

operations. A drainage study also needs to be conducted as there are locations where the pavement is being undermined.

Hastings G-06

Scope: Airfield Marking, Signage & Lighting- Install Taxiway Lighting
Total Estimated Cost: \$3,653,200

The existing taxiway lighting system has exceeded its design life and is experiencing regular failures to lighting and vault equipment creating safety issues. The project will include replacing taxiway edge lighting, signs and vault equipment.

Hastings G-07

Scope: Airfield Marking, Signage & Lighting – Install Runway 4/22 Lighting
Total Estimated Cost: \$1,380,600

The existing Runway 4/22 lighting system has exceeded its design life and is experiencing regular failures to lighting and vault equipment creating safety issues to air traffic. The project will include replacing runway edge lighting, signs, PAPIs, REILs and vault equipment.

Hebron M-05

Scope: 4,000 Gallon Jet A Fuel Tank
Total Estimated Cost: \$300,000

This would be for design and construction of a 4,000 gallon Jet A Fuel tank. This location aligns with the current approved ALP document for fuel tanks at this airport. Adding this Jet A Fuel system will increase sales from corporate users requiring Jet A Fuel. Currently a doctor from Grand Island flies in once a month to provide medical care at the Thayer County hospital. Additionally, aerial applicators based at the airport would be served with this additional Jet A tank.

Kearney A-02

Scope: Rehabilitate Apron for Public Aircraft Access
Total Estimated Cost: \$2,310,000

The existing asphalt pavement that was previously paid on the existing old military base concrete pavement is at the end of its useful life in need of rehabilitation. Public use areas that will have remaining asphalt surfacing after the ramp reconstruction (FY'25 Project) will be replaced with a mill/overlay rehabilitation.

Loup City P-01

Scope: Masterplan Update (Including Airport Layout Plan & AGIS)
Total Estimated Cost: \$350,000

The current master plan from 2006 is old and in need of updating to meet current standards.

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McCook M-04

Scope: New 100LL & Jet A Self Service Fuel Facility & Apron Expansion

Total Estimated Cost: \$836,000

Install new self service fuel facilities for both 100LL and Jet A. This will require an expansion of the existing apron for access to the new fuel facilities as well as additional parking for itinerant aircraft.

McCook M-05

Scope: Revise Rwy Designation on 12/30 & 17/35 to 13/31 & 18/36, Repaint Rwy 12/30

Total Estimated Cost: \$328,000

Due to the changing magnetic declination these runways need redesignated as noted and the paved Rwy 12/30 will be entirely repainted at the same time while the contractor is on site.

Norfolk B-04

Scope: Construct Terminal Building

Total Estimated Cost: \$4,972,687

They want to build an approximately 7,200 SF two story general aviation terminal building. This includes a passenger lobby, tenant lease space, pilot's lounge, conference room, restrooms, kitchenette, break room, offices, and support spaces. Site improvements include airside aircraft parking apron improvements, landside parking lot, airport perimeter fence relocation, slide cantilever gate with gate operator and access control, site utilities, and stormwater management. Concurrent construction of attached aircraft storage hangar anticipated.

The Sponsor is not requesting federal assistance for this project at this time.

Norfolk B-05

Scope: 2-Bay Box Storage Hangar

Total Estimated Cost: \$1,400,000

Additional storage is needed for larger aircraft.

Ord P-01

Scope: Masterplan Update (Including Airport Layout Plan & AGIS)

Total Estimated Cost: \$350,000

The current Master Plan from 2009 is in need of updating to meet current standards and establish new needs for the airport.

Scribner X-01

Scope: Rehabilitate Parallel Taxiway and Connecting Taxiway to Runway 17/35

Total Estimated Cost: \$5,676,900

The existing PCC and asphalt taxiways need to have select concrete panels removed and replaced, select locations of asphalt patching, select joint material removed and replaced, and all asphalt pavements needs to be milled and resurfaced in order to preserve the existing airside pavement in a safe condition for aviation operations.

Sidney X-01

Scope: Construct New Full Parallel TW Pavement for Rwy 3/21

Total Estimated Cost: \$5,600,000

The airport has requested to construct new runway pavement for Runway 3/21. The airport is also requesting that a full length paved parallel taxiway (4,700 x 35) be constructed to Runway 3/21 to eliminate back-taxi operations on the runway and provide safe aircraft access to and from the runway pavement. The project is in accordance with the current Airport Layout Plan dated August 4, 2021.

Sidney G-03

Scope: New MIRL, MITL, and Guidance Signage for Rwy 3/21

Total Estimated Cost: \$2,400,000

The airport is proposing to install new runway pavement on Runway 3/21 in 2026. The airport is requesting that new medium intensity runway edge lighting, medium intensity taxiway lighting and guidance signage be installed with the new runway pavement for night-time and low visibility aviation operations of the runway and parallel taxiway system. The lighting is in accordance with the current Airport Layout Plan dated August 4, 2021.

Tekamah E-02

Scope: Acquire Snow Removal Equipment

Total Estimated Cost: \$260,000

The airport currently does not own any snow removal equipment and must hire a contractor to do the removal. The airport wishes to purchase the equipment so that snow removal can be completed in house.

Wahoo B-04

Scope: Combination Open-Bay and T-Hangar

Total Estimated Cost: \$1,469,000

Currently the airport has 34 based aircraft and continues to have a lot of interest from pilots wanting to base their aircraft at the airport.

The airport is looking for a combination Open-Bay and T-Hangar option. This exhibit shows an approximate 70' x 70' bay with 3 standard T-Hangar stalls shown. Currently they have a waiting list of 7 aircraft.

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York R-05

Scope: Design Runway 17/35 Reconstruction (Preliminary Design, Final Design, AGIS)
Total Estimated Cost: \$480,000

The existing Runway 17/35 was constructed in 1984 and extended and widened in 1994. The section from 1994 is exhibiting ASR and creating FOD issues for the airport. Pavement rehabilitation would be cost prohibitive.

York R-06

Scope: Reconstruct Runway 17/35
Total Estimated Cost: \$9,200,000

Runway 17/35 paving is damaged and at the end of its usable life, pavement rehabilitation would be cost prohibitive.

York G-03

Scope: Remove & Replace Parallel Taxiway Lighting
Total Estimated Cost: \$880,000

The parallel taxiway lighting is old and at the end of its usable life, replacement will provide the airport and pilots with years of maintenance free use.

Valentine A-01

Scope: Apron Expansion
Total Estimated Cost: \$1,140,000

The airport needs additional space to tie down itinerant aircraft.

Kimball B-04

Scope: Rehabilitation of Existing Aviation Hangars
Total Estimated Cost: \$600,000

The airport has two aviation hangars on the north end of the GA apron that are over 30 years old which currently house aircraft. The hangars are structurally sound, but the airport needs to replace the exterior sheeting, roofing, insulation, aviation doors, and complete minor concrete apron assess pavement repairs. The airport is requesting that the hangars be rehabilitated to provide a moisture tight storage facility for the existing aircraft that is stored in the hangars.

Motion by Commissioner Dick Trail to accept Federal Project Requests and Commissioner approval of all CIP data sheets as a batch. Second by Commissioner Diana Smith. Roll call vote. All voted aye. Motion carried.

Tentative Commission Meeting Dates for 2024

May 3 – O’Neill, Nebraska

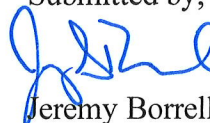
August 2 – Grant, Nebraska
October 18 – Grand Island, Nebraska
December 6 – NDOT, Lincoln

The next meeting is tentatively set for Friday, May 3, 2024, at 1:00 pm CST, at O'Neill, Nebraska. Motion by Commissioner Tom Trumble to adjourn the meeting. Second by Commissioner Diana Smith. Roll call vote. All voted aye. Motion carried.

Commissioner Scott Tarry acknowledged that this may be Commissioner Diana Smith's last meeting of the Aeronautics Commission, depending on how quickly the Governor appoints a new Commissioner as replacement.

The meeting adjourned at 1:47 p.m.

Submitted by,



Jeremy Borrell
Director

