

MINUTES  
Nebraska Aeronautics Commission  
February 9, 2018

The Nebraska Aeronautics Commission held their regular meeting at the department's offices, Lincoln, Nebraska. Chairperson Dick Trail called the meeting to order at 1:00 p.m. CST. Commissioners Diana Smith, Michael Cook and Dorothy Anderson were in attendance. Also present were Director Ronnie Mitchell, Planning/Programming Division Manager Anna Lannin, Deputy Director Andre Aman, and Project Management Division Manager Russ Gasper. Commissioner Terri Wachter was absent.

**Public Comment:** None

**Approval of Minutes**

Motion by Commissioner Anderson to approve the minutes of the December 8, 2017 meeting, as published. Second by Commissioner Cook. Roll call vote. All voted aye. Motion carried.

**State Funds Available**

Andre Aman presented a written report of state funds available.

Nebraska Aeronautics Commission  
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**PROJECT GRANT FUND**

Funds available November 30, 2017		\$325.85
<u>Commission Actions (12/08/17 meeting)</u>		
Closed Project - Loup City	\$180.00	
Subtotal		\$180.00
<u>Other Actions</u>		
None		
Subtotal		\$0.00
Funds available January 31, 2018		<u>\$505.85</u>

*Funds available at February 2017 meeting: \$4,478.77*

**STATE OWNED AIRFIELDS (SOA) DIVERSION GRANT FUND**

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Funds available November 30, 2017 \$0.00

Commission Actions (12/08/17 meeting)

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None

Funds available January 31, 2018 \$0.00

*Funds available at February 2017 meeting: \$0*

**SEAL COAT GRANT FUND (Pavement Preservation Program)**

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Funds available November 30, 2017 \$155,792.18

Commission Actions (12/08/17 meeting)

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None

Subtotal \$0.00

Other Actions

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None

Subtotal \$0.00

Funds available January 31, 2018 \$155,792.18

*Funds available at February 2017 meeting: \$155,792.18*

**HANGAR REVOLVING LOAN FUND**

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Funds available November 30, 2017 \$1,661,087.00

Commission Actions (12/08/17 meeting)

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None

Subtotal \$0.00

Other Actions

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None

Subtotal \$0.00

Receipts

November 2017	\$23,616.00	
December 2017	\$21,866.00	
January 2018	\$20,116.00	
Subtotal		\$65,598.00

Funds available January 31, 2018 \$1,726,685.00

*Funds available at February 2017 meeting: \$708,394.00*

*Total amount in Hangar Loan fund: \$3,768,360*

**FUEL STORAGE LOAN FUND**

Funds available November 30, 2017 \$254,971.26

Commission Actions 12/08/17 meeting)

None  
Subtotal

Other Actions

None  
Subtotal \$0.00

Receipts

November 2017	\$1,718.33	
December 2017	\$1,718.33	
January 2018	\$1,718.33	
Subtotal		\$5,154.99

Funds available January 31, 2018 \$260,126.25

*Funds available at February 2017 meeting: \$249,303.29*

*Total amount in Fuel Storage fund: \$336,500*

**NON-PRIMARY ENTITLEMENT TRANSFER PROGRAM**

Funds available November 30, 2017 \$769.25

Funds Disbursed

City of Cambridge -\$100.00  
Subtotal -\$100.00

Motion by Commissioner Anderson to accept the report of State Funds as published. Second by Commissioner Smith. Roll call vote. All voted aye. Motion carried.

**Federal Aid Project Requests**

Anna Lannin presented the following projects for Commission approval to forward to the FAA with a request for funding, as required by state statutes. The FAA considers the request for future federal funding as funds become available. No state funds are requested at this time.

Cozad A-03

Scope: Rehabilitate Runway

Total Estimated Cost: \$25,000

There are cracked panels and heaving issues near the Runway 31 end creating a safety concern for aircraft and pilots. The rehabilitation is anticipated to be done in conjunction with an apron rehabilitation project.

Crete M-04

Scope: Fuel System – 10,000 Gallon Jet A & Avgas Fuel System

Total Estimated Cost: \$820,000

The current fuel farm and dispenser system at the airport is old and in need of replacement.

Fairbury M-04

Scope: Pavement Rehabilitation (Crack & Joint Seal All Pavements)

Total Estimated Cost: \$383,334

Continued pavement maintenance will extend the useful pavement life and the project is part of the airport's pavement maintenance plan. The project will allow the airport to continue aviation operations by businesses and recreational enthusiasts. The project will include the full runway length, taxiways, and apron.

Fremont A-04

Scope: Aircraft Parking Apron

Total Estimated Cost: \$1,468,825

The current aircraft parking apron taxilane OFA (TLOFA) and wingtip clearance for parked aircraft is not consistent with FAA design standards. The parking apron is located at the northeast corner of the airport at a constrained location. The current 9,722 SY is surrounded by aircraft hangars, terminal building, and airport fuel storage system. Expansion of the existing terminal area is limited due to West 23<sup>rd</sup> Street to the north, Airport Road to the east, and hangars and the airport fuel storage system to the

south. As a result of the existing constraints to development, the City of Fremont proposes the design and construction of a new aircraft parking apron that is consistent with FAA design standards. The Apron Size Calculations for Transient Aircraft revealed approximately 16,217 SY is needed to accommodate transient aircraft requirements. However, due to available local and AIP funding considerations, a 5,805 SY aircraft parking apron and taxiway is proposed to meet the immediate needs of the Sponsor.

#### Grand Island E-06

Scope: Purchase New Snow Plow and Spreader

Total Estimated Cost: \$500,000

The existing 1982 International Runway Snow Plow and Spreader is at the age where the maintenance is expensive and at times unreliable. A new snow plow/sprayer will make snow removal more efficient and reliable without concerns of untimely breakdowns.

#### Grand Island M-03

Scope: Perimeter Fence

Total Estimated Cost: \$1,600,000

The airport currently does not have a continuous 8-foot tall perimeter fence to secure the perimeter of the airport. Parts of the airport are currently only protected by a 3-strand barbed wire cattle type fence. A new 8-foot tall with barbed wire fence is proposed to better secure the airport from unauthorized pedestrians, unauthorized vehicle and wildlife (such as badgers that Grand Island experiences).

#### Grand Island P-02

Scope: ALP (Airport Layout Plan Update)/AGIS (Airports Geographic Information System)

Total Estimated Cost: \$300,000

The current Airport Layout Plan (ALP) is approximately 10 years old (completed in 2008) and is not up to date with all the recent changes that have occurred in the FAA Design Criteria Standards. The existing ALP does not reflect all the current needs of the airport. FAA recommends an ALP update every 10-15 years, therefore an ALP update is proposed for the Central Nebraska Regional Airport (GRI) in Grand Island, Nebraska.

#### Kearney P-03

Scope: Update Master Plan/Airport Layout Plan

Total Estimated Cost: \$150,000

The previous Master Plan/Airport Layout Plan was established in 2013. Major improvements included in that plan should be completed within 10 years. An update will allow the airport to continue planning effectively for future improvements.

#### Kearney G-03

Scope: Airfield Signage & Lighting

Total Estimated Cost: \$1,170,000

The Runway 13/31 Shift/Extension will require the relocation of all Runway 13/31 lights and signs. In addition, taxiway lights on Taxiways A, C, and F will need to be respaced according to current FAA Criteria. The existing lighting system is nearing the end of its useful life. The airport is planning to install LED lights to enhance safety and reduce maintenance costs. In order to maintain similar technology lights along connecting Taxiway C, some existing light fixtures will be removed and replaced with new LED light fixtures.

#### Lincoln G-02

Scope: Rehabilitate ODAL System on Runway 35

Total Estimated Cost: \$185,000

Rehabilitate Omni Directional Approach Lighting (ODAL) system on Runway 35. The Omni Directional Approach Lights were installed on Runway 35 in 2005, as a part of the AIP-33 project. While they were originally intended and installed as a safety aid to help distinguish Runway 35 from Taxiway A and Runway 36, they provide a significant benefit as an approach aid (1/2 mile RNAV (GPS) Runway 35). The system is now 12 years old, the manufacturer of the equipment is out of business and replacement parts to keep the system operational are difficult to find. Per the AIP handbook, the anticipated life of electrical equipment is 10 years. With the conduit system in good condition, the Sponsor proposes the acquisition and installation of new flash heads, flash controllers and cable along with erosion control reinforcements to the concrete foundations with rip rap and minor rehabilitation of the LIRS towers. This will rehabilitate the system to ensure continued usage of this important safety aid.

#### McCook R-02

Scope: Rehabilitate Section of 12/30; Joint Seal & Re-Mark All Airport

Total Estimated Cost: \$953,295

The majority of McCook's airport pavement is concrete of varying ages. The oldest pavement dates back to the 1960's and the newest was completed in 2000. Most of the pavement is in excellent shape with a PCI rating in the 90's. There are small sections of apron and taxiway that is rated as "Satisfactory" with PCIs of 71 to 84. There is also an older section of Runway 12/30 with a PCI of 84 (also satisfactory). However, there is a section of pavement completed in 1983 that has significant cracking; and a PCI rating of only 65, or classified as "Fair". This project would address those areas rated in the fair category by replacing that 35-year-old 6" PCC pavement. In addition, the last time the joints were sealed in the concrete pavement was 14 years ago in 2004 and they are in need of sealing again. Once the pavement on Runway 12/30 is repaired, and all the joints resealed, the airport marking will need re-painting, thus that is a part of the project as well. This project will extend the life of the concrete pavement at McCook Ben Nelson Regional Airport by more than 10 years.

#### Neligh A-01

Scope: Apron and Taxiway Rehabilitation

Total Estimated Cost: \$1,255,000

The existing asphalt in the apron and taxiway is deteriorating and in need of replacement.

#### Scottsbluff C-04

Scope: Seal Cost & Marking of Runway 12/30 & Taxiways

Total Estimated Cost: \$1,800,000

The existing Runway 12/30 and Taxiway(s) asphalt surface is due to be seal coated in accordance with the airport pavement management program. The project will also include sealing the existing cracks and installation of new pavement markings.

Scottsbluff R-04

Scope: Rehabilitate of Runway 5/23 Bituminous Pavement

Total Estimated Cost: \$8,900,000

The existing Porous Friction Surface Course of Runway 5/23 is over 15 years old and is in need of replacement. The existing asphalt subsurface course is over 30 years old and is in need of replacement.

The airport proposes to cold mill the existing surface and subsurface asphalt material and install a new P-401 Asphalt Subsurface Course and a new P-402 Porous Friction Course Surface material on Runway 5/23. The project will also include minor repairs to the existing concrete subsurface material below the asphalt subsurface and installation of new pavement markings.

Tekamah A-02

Scope: Apron Expansion

Total Estimated Cost: \$830,000

The airport currently has only 3 tiedowns and additional apron is needed for aircraft parking.

Tekamah G-04

Scope: Replace Runway Lights, Install PAPIs and REILs

Total Estimated Cost: \$465,000

Existing runway lighting is old and at the end of its usable life. Installing PAPIs and REILs to runway 15 and PAPIs to runway 33 will aid approaching aircraft to the airport.

NDA

Scope: Update Pavement Management System

Total Estimated Cost: \$75,000

The Nebraska Department of Transportation, Aeronautics Division, proposed to inspect Nebraska public-use airports to determine the pavement condition in 2019. The selected airports were last inspected in 2016 and it is recommended that Pavement Condition Index (PCI) Inspections be conducted every three years. The results of the pavement inspection will be incorporated into the Division's Capital Improvement Plan and will provide recommendation for federal funding of future rehabilitation projects.

Motion by Commissioner Cook to approve the CIP data sheets and forward them to the FAA. Second by Commissioner Anderson. Roll call vote. All voted aye. Motion carried.

**Closed Projects**

**Closed Projects  
February 9, 2018**

<u>Airport</u>	<u>Original State Allocation</u>	<u>Increase in State Funds Required</u>	<u>Decrease in State Funds Required</u>
<b>Blair SA-7</b> (Taxilane/apron for new hangar)	\$ 90,793.00	\$ 0.00	\$ 965.39
<b>Burwell SA-4</b> (Obstruction removal)	\$ 405.00	\$ 0.00	\$ 0.00
<b>Hebron SA-3</b> (Obstruction removal)	\$ 10,548.00	\$ 0.00	\$ 0.00
<b>Imperial 11</b> (Rehab apron & taxiwy-Engineering)	\$ 0.00	\$ 0.00	\$ 0.00
<b>Imperial 12</b> (Rehab apron & taxiwy-Construction)	\$ 0.00	\$ 0.00	\$ 0.00
Totals	\$ 101,746.00	\$ 0.00	\$ 965.39

Net Decrease - \$965.39

Motion by Commissioner Smith to approve the closed projects. Second by Commissioner Cook. Roll call vote. All voted aye. Motion carried.

### Department Report

Friday, February 09, 2018, marked the last Aeronautics Commission meeting for Commissioner Dorothy Anderson from Holdrege, NE. Commissioner Anderson was appointed by then Governor Dave Heineman and she has been an ardent advocate for airports in our state during her ten years of service.

Dorothy was presented with a desk clock and Certificate of Appreciation for her outstanding service on the commission, signed by Governor Ricketts and Director Mitchell. She has been a superb commissioner who has diligently worked to ensure our system of public use airports are kept in the best



possible condition and as safe as possible. Our thanks go out to Dorothy as she leaves the commission and we certainly wish her the best in her future endeavors.

Arlene Steier will be succeeding Dorothy Anderson as commissioner and will assume her role on March 1, 2018. Arlene is a pilot, active with the FAA FAAS Team, is working on having an Aviation Career Education camp possibly this summer.

A steering committee has begun developing a Scope of Work and RFQ for an Economic Impact Study to be done with FY18 money and should be complete in FY19. Jon Large, Lincoln Airport engineer and President of NAAO, Mike Olson, Central Nebraska Regional Airport Manager, Andre Aman, Anna Lannin, Russ Gasper and myself are members of the committee.

We have accepted an offer of \$105,000 for purchase of the state's 1977 Piper Navajo. The aircraft annual inspection and installation of ADS-B will be complete by mid-February and the new owner (Rex Kelly of Ord, NE) will be taking possession shortly after that.

The next meeting is tentatively set for Friday, May 4, 2018 at 1:00 pm CST in the Lincoln office. Motion by Commissioner Cook to adjourn the meeting. Second by Commissioner Anderson. Roll call vote. All voted aye. Motion carried.

The meeting adjourned at 2:02 p.m.

Submitted by,

Ronnie Mitchell  
Director