

MINUTES
Nebraska Aeronautics Commission
October 7, 2011

The Nebraska Aeronautics Commission held their regular meeting at the department's offices, Lincoln, Nebraska. Chairman Gerald Adams called the meeting to order at 1:00 p.m. CDT. Commissioners Ken Risk, Barry Colacurci, Dorothy Anderson, and Doug Vap were in attendance. Also present were Director Ronnie Mitchell, Project Management Division Manager Russ Gasper, Deputy Director Andre Aman, Flight Operations and Aviation Services Division Manager Bill Lyon and Planning/Programming Division Manager Anna Lannin.

Approval of Minutes

Motion by Commissioner Colacurci to approve the minutes of the August 5, 2011, meeting as published. Second by Commissioner Risk. Roll call vote: All voted aye. Motion carried.

Federal Projects

Anna Lannin presented the following projects. The airport sponsors are requesting Commission approval for the CIP data sheets to be forwarded to the FAA, as required by state statutes. The FAA considers the requests for future federal funding as funds become available. No state funds are requested at this time.

North Platte M02

Scope: Passenger Boarding Ramp
Total Estimated Cost: \$60,000

The existing passenger lift is more than 15 years old and is reaching the end of its useful life. The existing lift is also not properly sized for several aircraft types currently serving the airport and does not adequately serve people with disabilities. The airport proposes to acquire a new boarding ramp that complies with AC 150/5360-14 "Access to Airports by Individuals with Disabilities" and 150/5220-21B "Guide Specification for Devices Used to Board Airline Passengers with Mobility Impairments".

Pawnee City A01

Scope: Construct Apron (150' x 190'), Taxiway (150' x 25'), Taxilanes
Estimated Cost: \$560,000

A paved apron will provide an all-weather area for transient aircraft parking, based aircraft tiedowns, and fueling. It will also improve access from the storage hangar and fueling area to the runway. A paved connector taxiway will provide better access from the apron to Runway 14/32. The existing t-hangar taxilanes are not paved. Paving the existing taxilanes will provide better access to and from the T-hangars.

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

State Funds Available

A written report of state funds available was presented by Andre Aman.

FINANCIAL INFORMATION
Nebraska Aeronautics Commission
October 7, 2011

PROJECT GRANT FUND

Funds available July 31, 2011 \$35,434.22

Commission Actions (8/5/11 meeting)

Closed Project - Beatrice 12	\$1,339.38	
Closed Project - David City 06	\$5,972.80	
Closed Project - Ord SA-5	\$6,787.47	
Subtotal		\$14,099.65

Other Actions

None		
Subtotal		\$0.00

Money transferred from NDA operating \$112,400.00

Funds available September 30, 2011 \$161,933.87

Funds available October 2010: \$59,621.51

STATE OWNED AIRFIELDS (SOA) DIVERSION GRANT FUND

Funds available July 31, 2011 \$0.00

Commission Actions (8/5/11 meeting)

None

Funds available September 31, 2011 \$0.00

Funds available October 2010: \$0

SEAL COAT GRANT FUND

Funds available July 31, 2011		-\$12,046.69
-------------------------------	--	--------------

Commission Actions (8/5/11 meeting)

None

Subtotal		\$0.00
----------	--	--------

Other Actions

Closed Project - Blair SA-7P	\$4,218.75	
------------------------------	------------	--

Closed Project - Chappell SA-6P	\$21,411.25	
---------------------------------	-------------	--

Subtotal		\$25,630.00
----------	--	-------------

Funds available September 30, 2011		\$13,583.31
------------------------------------	--	-------------

*Funds available October 2010: \$132,953.31***HANGAR REVOLVING LOAN FUND**

Funds available July 31, 2011		\$1,515,578.81
-------------------------------	--	----------------

Commission Actions (8/5/11 meeting)

Allocation - Wayne H-06	-\$157,150.00	
-------------------------	---------------	--

Allocation - Rushville H-02	-\$113,285.00	
-----------------------------	---------------	--

Allocation - Blair 125' X 75' shop/storage	-\$300,000.00	
--	---------------	--

Subtotal		-\$570,435.00
----------	--	---------------

Other Actions

None

Subtotal		\$0.00
----------	--	--------

Receipts

August 2011	\$34,918.00	
-------------	-------------	--

September 2011	\$34,740.00	
----------------	-------------	--

Subtotal		\$69,658.00
----------	--	-------------

Funds available September 30, 2011		\$1,014,801.81
------------------------------------	--	----------------

*Funds available October 2010: \$1,005,235.81**Total amount in Hangar Loan fund: \$3,768,360***FUEL STORAGE LOAN FUND**

Funds available July 31, 2011		\$199,471.93
-------------------------------	--	--------------

Commission Actions (8/5/11 meeting)

Sidney - improvements to fuel system	-\$91,000.00	
Subtotal		-\$91,000.00

Other Actions

None		
Subtotal		\$0.00

Receipts

August 2011	\$2,310.83	
September 2011	\$2,310.83	
Subtotal		\$4,621.66

Funds available September 30, 2011		\$113,093.59
------------------------------------	--	--------------

Funds available October 2010: \$186,863.63
Total amount in Fuel Storage fund: \$336,500

NON-PRIMARY ENTITLEMENT TRANSFER PROGRAM

Funds available July 31, 2011		\$2,680.00
-------------------------------	--	------------

Funds Disbursed

None		
Subtotal		\$0.00
Funds available September 30, 2011		\$2,680.00

Fuel Loan Request Withdrawal

The following summarizes the fuel loan request that was allocated at the April 27, 2011 Commission Meeting.

Kimball

Scope: Replace Credit Card Controller

<u>State</u>	<u>Sponsor</u>	<u>Total</u>
\$10,500	\$4,500	\$15,000

Kimball Airport Authority has verbally communicated to the Department that they will withdraw their allocation. A letter from the Kimball Airport Authority confirming this action was received this morning.

The funds were returned to the fuel loan revolving fund as requested.

Seal Coat Grant Fund/Pavement Preservation Program

Commissioner Adams requested that this item be heard after the State Grant Requests.

State Grant Requests

2011 State Aid Grant Requests were presented as per the following table with detailed descriptions following.

PROJECT	SCOPE	STATE %	STATE REQUESTS	LOCAL FUNDS	FEDERAL FUNDS	PROJECT COSTS
Burwell	Runway Rehabilitation	2%	\$66,418	\$99,626	\$3,154,834	\$3,320,878
Chadron	Joint Sealing & Marking	2%	\$11,360	\$17,040	\$539,600	\$568,000
Curtis	Runway Rehabilitation	2%	\$28,350	\$42,525	\$1,346,625	\$1,417,500
Fairbury	REIL, Beacons, PAPI, MITL	2%	\$10,221	\$15,331	\$485,488	\$511,040
Loup City	Extend Runway, Turnarounds	2%	\$18,200	\$27,300	\$864,500	\$910,000
Tekamah	Partial Parallel Taxiway and Taxilanes	2%	\$16,200	\$24,300	\$769,500	\$810,000
GRAND TOTALS			\$150,748	\$226,123	\$7,160,547	\$7,537,418

In addition, the Kimball Airport Authority has requested reconsideration of their 2010 request, which was not fully funded at the October 2010 Commission Meeting. The Department prepared the following table that indicates all the 2010 requested that were not fully funded with detailed descriptions following.

PROJECT	SCOPE	STATE FUNDS ALLOCATED	2011 Potential Considerations	CURRENT LOCAL FUNDS	FEDERAL FUNDS	PROJECT COSTS
Cambridge	Apron & Taxiway Rehabilitation	\$8,176	\$9,718	\$36,564	\$850,000	\$894,740
Chadron	Replace Runway Lights	\$3,051	\$7,812	\$24,107	\$516,000	\$543,158
Kimball	Parallel Taxiway	\$9,825	\$25,264	\$77,899	\$1,666,758	\$1,754,482
McCook	Wildlife Fence	\$5,434	\$6,755	\$25,040	\$579,000	\$609,474
O'Neill	Pave Runway	\$32,651	\$15,487	\$87,695	\$2,286,568	\$2,406,914
Sidney	Rehabilitate Runway	\$43,163	\$48,766	\$186,661	\$4,366,640	\$4,596,464
GRAND TOTALS			\$113,802	\$525,121	\$10,919,804	\$11,494,530

Commissioner Adams indicated that it would not be good policy for the 2010 requests to be reconsidered for funding. Commissioner Anderson made a motion to not reconsider the 2010 requests. Second by Commissioner Vap. Roll call vote. Commissioner Risk abstained from voting. Motion carried on a 4-0 vote.

2011 Grant Requests

Burwell R03

Scope: Runway Rehabilitation

Estimated Cost: \$66,418

The pavement on Runway 15/33 is over 20 years old and is reaching the end of its useful life with numerous transverse cracks and is in need of a complete reconstruction. As part of the reconstruction the turnarounds will be removed and the runway will be widened to 60 feet to comply with FAA B-I Standards. Due to the widening the runway lights will also be replaced as part of this

project.

Chadron M05

Scope: Airport Joint Seal and Pavement Markings

Estimated Cost: \$11,360

The pavement markings are several years old and are showing signs of wear. The markings need to be repainted. The hold position sign markings will be thermoplastic to extend their life, as these markings typically wear off more quickly. The joint sealant is in need of removal and replacement to provide extended protection to the existing pavement. In addition, a small number of panels have cracked and are in need of replacement.

Curtis R02

Scope: Runway Rehabilitation

Estimated Cost: \$28,350

The existing asphalt runway has lateral thermal cracks up to 4" wide. The best solution for the airport is to remove and replace the runway. The present cost of asphalt makes a concrete replacement the most cost effective long-term solution.

Fairbury G01

Scope: 17/35 PAPIs & REILs, Taxiway Lighting/Signage, Lighted Windcone, Rotating Beacon

Estimated Cost: \$10,221

The Fairbury Municipal Airport currently only has elevated edge reflectors on their middle connecting and parallel taxiway so the airport is planning to add base mounted MITL to enhance safety for taxiing aircraft. Runway 17/35 currently does not have any type of visual NAVAIDS to aid pilots in landing. The airport is planning to add 2-box PAPI system and REIL on Runway 17/35 to enhance safety for pilots landing. The airport's existing lighting windcone and beacon are outdated and are near the end of their useful life. The airport is planning to install a new LED internally lighted windcone (equipment only) and replace the rotating beacon with a new beacon on a new tilt down tower for safer maintenance access.

Loup City R03

Scope: Extend Runway (700' x 60'), Construct Turnarounds, Reconstruct Hangar Taxilanes

Estimated Cost: \$18,200

Extensions are needed for Runway 16/34 to meet FAA design standards. The airport is classified as an ARC of B-I and the recommended runway length for Loup City's elevation is 3,900'. The existing runway is only 3,200'. When Runway 16/34 is extended, turnarounds should be constructed at each end to provide a safe place for aircraft run-up and turning around.

Tekamah X01

Scope: Partial Parallel Taxiway & Taxilanes

Estimated Cost: \$16,200

The airport already has a partial parallel taxiway to Runway 32, this taxiway will complete the entire parallel taxiway, improving safety and traffic patterns. New base-mounted medium intensity LED taxiway lights will be installed along the new parallel taxiway. The electrical vault will be evaluated and updated with new regulator and electrical requirements for the additional lights.

2010 Grant Requests – As previously indicated, the following were not considered for additional 2011 State funds.

Cambridge A01

Scope: Reconstruct Apron & Taxiways; Acquire Land & Easements

Estimated Cost: \$9,718

Additional land in fee and easement is needed to meet FAA requirements. Upon acquisition of the land, the airport will be positioned for an FAA grant to reconstruct the asphalt runway, which is in poor condition.

The apron and taxiway are also in poor condition and will be reconstructed in 2011, as land acquisition is not an FAA requirement for this type of project. The asphalt will be completely removed and replaced with concrete. The grass areas around the t-hangars will be filled in with concrete to correct drainage problems, and to make it easier to mow and plow snow.

Chadron G01

Scope: Replace Runway 2/20 HIRL; Install Taxiway Lights

Estimated Cost: \$7,812

The existing runway lights were beyond their life expectancy and becoming difficult to maintain. The reflectors will be removed from the partial parallel taxiway and it will be light with MITL.

Kimball X02

Scope: Parallel Taxiway to Runway 10

Estimated Cost: \$25,264

A new parallel taxiway is being constructed to Runway 10 as part of FAA AIP Project No. 3-31-0047-06. This project provided full parallel taxiway access to Runway 10 and eliminated the need for back taxi operations by aircraft and thus improve safety on Runway 10. The Airport was allocated \$9,825.00 in State funds at the fall 2010 Commission meeting for this project and the Airport is requesting the \$25,264.66 additional State funding to match the 2% equivalent State eligible costs.

McCook M02

Scope: Construct Wildlife Fence

Estimated Cost: \$6,755

The USDA conducted a wildlife assessment, which concluded in November 2010. Based on the study, the FAA requires a fence. The fence would be 8' chain link or wire mesh with 3 strands of

barbed wire on top for a total height of 9’0”.

O’Neill R02

Scope: Rehabilitate Apron & Taxiway; Pave Crosswind Runway

Estimated Cost: \$15,487

The apron and taxiway asphalt pavement will be reconstructed as the existing pavement is in poor condition. As part of the project, the crosswind runway will also be paved.

Sidney R03

Scope: Runway 13/31 Rehabilitation

Estimated Cost: \$48,766

The Runway 13/31 surface exceeded the roughness tolerances allowed and created an unsafe surface for aircraft operations. The Airport removed the existing pavement installed a new concrete surface in order to maintain a safe runway surface for aircraft operations.

Funding Discussion:

After discussing the available funding (\$161,933.87), funds requested for projects (\$150,748) and the pavement preservation request (\$201,416.69), the Commission decided to leave \$10,000 in the Project Grant Fund and give the airports 90% of their initial requests, totaling \$135,674, and the remaining \$16,259.87 allocated to the pavement preservation program. Commission Colacurci made a motion to approve funding as stated. Second by Commissioner Vap. Roll call vote. Motion carried on a 5-0 vote.

PROJECT	SCOPE	STATE FUNDS	LOCAL FUNDS	FEDERAL FUNDS	PROJECT COSTS
Burwell	Runway Rehabilitation	\$59,776	\$106,268	\$3,154,834	\$3,320,878
Chadron	Joint Sealing & Marking	\$10,224	\$18,176	\$539,600	\$568,000
Curtis	Runway Rehabilitation	\$25,515	\$45,360	\$1,346,625	\$1,417,500
Fairbury	REIL, Beacons, PAPI, MITL	\$9,199	\$16,353	\$485,488	\$511,040
Loup City	Extend Runway, Turnarounds	\$16,380	\$29,120	\$864,500	\$910,000
Tekamah	Partial Parallel Taxiway and Taxilanes	\$14,580	\$25,920	\$769,500	\$810,000
GRAND TOTALS		\$135,674	\$241,197	\$7,160,547	\$7,537,418

Seal Coat Grant Fund/Pavement Preservation Program

Based on the Department’s annual inspections, the Department has identified two airports (Wallace & Arapahoe) that are in need of a seal coat. The Department requests \$215,000 be transferred to the Seal Coat Grant Fund/Pavement Preservation Program. In general, the Department has provided these services for two to four airports on an annual basis. The grant fund currently has \$13,583.31; therefore, the Department requests \$201,416.69.

The Commission granted \$16,259.87 to the pavement preservation program as noted above.

Closed Projects

Closed Projects October 7, 2011

<u>Airport</u>	<u>Original State Allocation</u>	<u>Increase in State Funds Required</u>	<u>Decrease in State Funds Required</u>
David City 07 (PAPI; beacon; Segmented circle; Wind cone)	\$ 0.00	\$ 0.00	\$ 0.00
Hebron 06 (Land)	\$ 0.00	\$ 0.00	\$ 0.00
Red Cloud 04/05 (PAPI; REIL; wind cone)	\$ 0.00	\$ 0.00	\$ 0.00
Totals	\$ 0.00	\$ 0.00	\$ 0.00

Net Decrease - \$0.00

Department Report

Ronnie Mitchell presented the following:

Eppley Airport is no longer being threatened by flooding as the Missouri River levels have receded below flood stage. The Army Corps of Engineers are releasing 40,000CFS of water from Gavins Point Dam at Yankton Reservoir which is the normal release rate for this time of year.

Congress recently passed the twenty-second Continuing Resolution for funding of the FAA AIP. This will carry the FAA Airports Division through the end of January 2012.

The Manager of Flight Operations Division, Bill Lyon, announced his plan to retire effective the end of December; he will have served the Department for 37 consecutive years. Plans for a retirement dinner and reception are pending. David Morris will be promoted to Manager of Flight Operations and Zach Miller will be promoted to the Chief Pilot position being vacated by David. Plans are to hire a pilot sometime after the first of the year; probably around the end of February 2012.

The meeting was adjourned at 1:45 p.m.

Submitted by,

Ronnie Mitchell
Director