

MINUTES
Nebraska Aeronautics Commission
October 9, 2015

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

Public Comment

NONE

Approval of Minutes

Motion by Commissioner Anderson to approve the minutes of the August 14, 2015 meeting as published. Second by Commissioner Cook. Roll call vote. All voted aye. Motion carried.

State Funds Available

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

Nebraska Aeronautics Commission
October 9, 2015

PROJECT GRANT FUND

Funds available July 31, 2015		\$106,390.17
<u>Commission Actions (08/14/15 meeting)</u>		
Closed Project - Sargent SA-7	\$4.25	
Closed Project - Wayne SA-9	\$7.35	
Subtotal		\$11.60
<u>Other Actions</u>		
None		
Subtotal		\$0.00

Money transferred from NDA operating \$78,000.00

Funds available September 30, 2015 \$184,401.77

Funds available at meeting in October 2014: \$256,673.25

STATE OWNED AIRFIELDS (SOA) DIVERSION GRANT FUND

Funds available July 31, 2015 \$0.00

Commission Actions (08/14/15 meeting)

None

Funds available September 30, 2015 \$0.00

Funds available at meeting in October 2014: \$0

SEAL COAT GRANT FUND (Pavement Preservation Program)

Funds available July 31, 2015 \$130,792.18

Commission Actions (08/14/15 meeting)

None

Subtotal \$0.00

Other Actions

None

Subtotal \$0.00

Funds available September 31, 2015 \$130,792.18

Funds available at meeting in October 2014: \$80,792.18

HANGAR REVOLVING LOAN FUND

Funds available July 31, 2015 \$1,058,699.85

<u>Commission Actions (08/14/15 meeting)</u>		
Allocation - Hartington	- \$350,000.00	
Allocation - Hastings	- \$245,000.00	
Subtotal		- \$595,000.00

<u>Other Actions</u>		
None		
Subtotal		\$0.00

<u>Receipts</u>		
August 2015	\$124,440.00	
September 2015	\$25,032.36	
Subtotal		\$149,472.36

Funds available September 31, 2015		<u>\$613,172.21</u>
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Funds available at meeting in October 2014: \$129,737.86

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

FUEL STORAGE LOAN FUND

Funds available July 31, 2015		<u>\$190,623.35</u>
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<u>Commission Actions (08/14/15 meeting)</u>		
None		
Subtotal		\$0.00

<u>Other Actions</u>		
None		
Subtotal		\$0.00

<u>Receipts</u>		
August 2015	\$2,593.33	
September 2015	\$2,593.33	
Subtotal		\$5,186.66

Funds available September 31, 2015		<u>\$195,810.01</u>
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Funds available at meeting in October 2014: \$158,475.16
Total amount in Fuel Storage fund: \$336,500

NON-PRIMARY ENTITLEMENT TRANSFER PROGRAM

Funds available July 31, 2015	\$1,723.75
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Funds Disbursed	
None	
Subtotal	\$0.00
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Funds available September 31, 2015	\$1,723.75

Motion by Commissioner Anderson to accept the report of State Funds as published. Second by Commissioner Cook. 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.

Alliance R-03

Scope: Rehabilitation of Runway 8/26
Total Estimated Cost: \$3,000,000

The existing Runway 8/26 bituminous PFC surface is over 15 years old and is in need of rehabilitation. The existing runway pavement section includes 1.5 inches of PFC (P-402) surface course on 3-inches of Bituminous (P-401) course over 9-10 inches of PCC (P-501) pavement. The existing Bituminous (P-401) is over 30 years old and needs to be removed. The project will include removing the existing 1.5 inch PFC (P-402) course and 3 inch Bituminous (P-401) course and installing a new 4-inch Bituminous (P-401) course with new pavement markings.

Alliance C-04

Scope: Replace Taxiway and Runway Light Bases
Total Estimated Cost: \$60,000

The existing MITL and Runway 8/26 MIRL lights were moved in 1997 in order to narrow up the taxiway and runway pavement surfaces, as part of the project new conduit, wire, bases, and lights were installed in the paved shoulders. Some of the light bases have moved from freeze-thaw operations and are in need of replacement. Due to the bases being located in paved surfaces it will require additional construction efforts to properly remove and replace the bases without

damaging the existing lighting system. The airport is requesting that this work occur under the FAA standard construction specifications to ensure the lighting system is protected and the bases are installed to proper FAA standards.

Beatrice A-01

Scope: Reconstruct Apron; Reconstruct, Offset and Light Taxiway C

Total Estimated Cost: \$1,401,700

The existing apron and Taxiway C has a pavement section consisting of approximately 3” of asphalt overlay over approximately 8” of PCC Pavement. A portion of the apron was overlaid with 2” of asphalt in 2004 and sealcoat treatment applied to Taxiway C and the apron in 2010. The underlying concrete pavement is showing signs of Akali Silica Reaction (ASR) and has for several years. The underlying pavement is expanding and causing heaving in the surface. The asphalt is approaching the end of its useful life and reconstruction will be required. New concrete pavement, on rubbilized existing concrete will provide the airport with a good structural paving section with little maintenance for years. Taxiway C will be offset as not to have direct access to Runway 18/36 from the parking apron.

Beatrice

Scope: Taxiway C Medium Intensity Taxiway Lights

Total Estimated Cost: \$361,800

The existing Medium Intensity Taxiway Lights (MITL) are over 20 years old and at the end of their useful life. With the reconstruction of Taxiway C (new location between Runway 18/36 and parallel Taxiway A) and the apron, the lighting system will have a new configuration and will require lighting adjustments. Since the lights are at the end of their useful life, new lights are proposed with the new configuration.

Beatrice

Scope: Rotating Beacon with Tip-down Tower

Total Estimated Cost: \$74,400

The existing beacon is nearing the end of its useful life and difficult to maintain and get parts. A new rotating airport beacon on a tilt-town tower for ease in maintenance is proposed.

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

State Aid Requests

The following projects were presented to the Commission with a request for a state grant.

Gothenburg

Scope: Repair Pavement Sections

Total Estimated Cost: \$100,000

State Grant Request: \$90,000

Representative: Robert Mann

There are several high concrete cracking in the runway and taxiway pavement which exhibit differential movement. The heaving in the concrete is an annual event, but each year the problem gets worse. The heaving is a serious safety issue. The airport has made great progress in reducing its indebtedness but can't afford a project of this size. Without help from the State the concrete will not be replaced because there are other pressing projects.

Nebraska City X-05

Scope: Pave Parallel Taxiway to Runway 15

FAA Eligible Section: from connecting taxiway to runway 15 turnaround

Total Estimated Cost: \$1,606,160

State Grant Request: \$32,123

Representatives: Arnold Ehlers, Tom Trumble, Diane Hofer

The projected cost to the airport has increased from \$229,303 to \$342,258. This projected increase is due to changes in FAA standards as well as greater site prep dictated by the results of soil testing. Documentation of these increases is included with this application. This application is for that portion of the project ELIGIBLE for FAA participation.

This project received funding during the October 2014 commission meeting but the funds expired due to delays in the project. The Authority is requesting a reallocation of state funding with the current cost estimates.

Nebraska City X-05

Scope: Pave Parallel Taxiway to Runway 15

Ineligible Section: From Turnaround to Runway End

Total Estimated Cost: \$199,782

State Grant Request: \$100,000

Representatives: Arnold Ehlers, Tom Trumble, Diane Hofer

A portion of the parallel taxiway is ineligible for federal funding. The FAA has stated that this section of taxiway must be completed when the parallel taxiway is paved or the airport will be required to shorten their runway to the FAA eligible length. The Airport Authority and the State has substantial investments in the runway extensions and the Authority desire to retain the runway at its present length. This application is for that portion of the project INELIGIBLE for FAA participation.

Norfolk M-01

Scope: Rehabilitate Storm Sewer Drainage System

Total Estimated Cost: \$2,210,000

State Grant Request: \$44,200

Representatives: Terri Wachter, Tom Trumble, Diane Hofer

The existing storm sewer was installed in the mid 1940's and is worn out and failing. Objective is to rehabilitate the storm water drainage system by removing and reconstructing storm water

inlets and piping system. This project will enhance safety and serve to prolong the integrity of the runways and taxiway paving system.

NDA

Scope: Pavement Preservation Program

Total Estimated Cost: \$50,000

The Pavement Preservation Program is used to assist airports with seal coats and crack repair. There are several airports that are not eligible for federal funding and rely on this program to extend the life of their asphalt pavements.

Wallace

Scope: Geotechnical Investigation of Pavement and Subgrade

Total Estimated Cost: \$3,000

The Wallace Municipal Airport experienced flooding earlier this year. The airport sponsor has been in contact with FEMA and NEMA to request funding to repair damage caused by the flooding. These agencies need additional documentation on the damages in the form of a geotechnical investigation as much of the damage is expected to be in the sub-grade under the pavement.

Funding Discussion

The commission discussed the available funds (\$184,401.77) and the project requests (\$319,323). The first funding option proposed to fully fund the Nebraska City eligible section, Norfolk, Wallace, and partially fund the Gothenburg request and Pavement Preservation Program. The representative from Nebraska City objected due to the negative impact on their airport if the FAA ineligible section remained unfunded. Commissioner Anderson worked to move funds from other projects to the Nebraska City project until there was confirmation from Nebraska City that they could live with the results. The final allocations are as follows:

PROJECT	SCOPE	STATE FUNDS ALLOCATION	LOCAL FUNDS	FEDERAL FUNDS	PROJECT COSTS
Gothenburg	Repair pavement sections	\$55,000	\$45,000	\$0	\$100,000
Nebraska City	Pave taxiway (FAA eligible section)	\$16,061	\$144,555	\$1,445,544	\$1,606,160
Nebraska City	Pave taxiway (FAA ineligible section)	\$60,000	\$139,782	\$0	\$199,782
Norfolk	Rehabilitate storm sewer	\$22,100	\$198,900	\$1,989,000	\$2,210,000
Pavement Preservation Program		\$25,000			
Wallace	Geotech/Pavement Investigation	\$3,000	\$3,000	\$0	\$6,000
GRAND TOTALS		\$181,161	\$531,237	\$3,434,544	\$4,121,942

Motion by Commissioner Dorothy Anderson to approve \$181,161 in state grant allocations. Second by Commissioner Michael Cook. Roll call vote. All voted aye. Motion carried.

Closed Projects

**Closed Projects
October 9, 2015**

<u>Airport</u>	<u>Original State Allocation</u>	<u>Increase in State Funds Required</u>	<u>Decrease in State Funds Required</u>
Ainsworth 10 (Asphalt overlay for RW 13/31)	\$ 0.00	\$ 0.00	\$ 0.00
Ogallala 10 (Beacon, wind cone, electrical vault)	\$ 0.00	\$ 0.00	\$ 0.00
Tekamah 07 (Joint sealing/markings on RW 15/33)	\$ 0.00	\$ 0.00	\$ 0.00
Thedford 05 (Sealcoat RW 11/29, taxiway & apron)	\$ 0.00	\$ 0.00	\$ 0.00
Totals	\$ 0.00	\$ 0.00	\$ 0.00

Net Decrease - \$0.00

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

Department Report

At our last Commission meeting I advised you concerning increasing revenue for our cash funded department and that I couldn't give you the details until a later date. Those details follow. In our search for ways to increase revenue we have a legislative proposal at the Governor's Policy Research Office (PRO) which would redirect the NE aircraft sales and use tax from the general fund to the Aeronautics cash fund. We await PRO's answer (coming next week) as to whether or not this proposal will be presented to Governor Ricketts for his approval as a legislative bill.

We have been in contact with the NE Department of Revenue concerning this proposal as it would require them to redo the form used in enforcement of collecting the tax. At their request and included in the legislative proposal, would be the addition of aircraft registration to include a fee of \$35/aircraft to cover expenses. Registration would be accomplished through our department and would require hiring an additional part time person.

If our legislative proposal is approved and passed by the legislature, we anticipate additional revenue in the neighborhood of \$750,000 per year. Some years it would be less while other years it might be more. This increase in cash funds would be used for the state grant program, to support the federal match on airport improvement projects for communities unable to do so and to support ongoing expenses of this department.

As we go forward with this proposal it will require a commitment from the Commission. The commitment is to promote this legislative proposal with your senatorial contacts, your friends and other persons who would like to see this department continue to support our system of airports with monies generated by aviation for aviation purposes.

Included with this report is a listing of NE airport funding needs and our aviation gas tax revenue (our largest single source of income). Please notice FY13-14 was \$43,500 below the previous FY12-13 while FY14-15 was \$100,121 below FY13-14. Aviation gas tax revenue continues to decline and other sources of monies need to be discovered to keep our department on the leading edge of assisting and mentoring our great system of public use airports.

Dept. of Aeronautics FY 15-16
 Av Gas Sales Tax Revenues by Month

MONTH	FY 12-13	FY 13-14	FY 14-15	FY 15-16	4-Year Average	percent of recs. FY 15-16 over 14-15
July	153,706.03	113,357.90	128,607.97	123,602.59	129,818.62	96%
August	153,877.62	138,683.27	141,868.22	127,954.02	140,595.78	90%
September	120,325.46	132,244.37	111,224.42	141,466.60	126,315.21	127%
October	135,008.62	123,272.07	98,351.98	-	89,158.17	0%
November	113,841.05	109,693.47	93,446.54	-	79,245.27	0%
December	64,205.03	106,441.07	95,093.27	-	66,434.84	0%
January	142,034.65	108,953.20	100,699.56	-	87,921.85	0%
February	89,992.64	91,279.86	105,230.71	-	74,125.80	0%
March	82,490.67	106,306.12	94,203.89	-	70,750.17	0%
April	114,242.58	117,495.64	122,497.31	-	88,558.88	0%
May	123,904.69	107,697.84	78,317.84	-	77,480.09	0%
June	124,249.25	128,953.26	114,733.96	-	91,984.12	0%
TO DATE	1,427,878.29	1,384,378.07	1,284,275.67	393,023.21	1,122,388.81	31%
TOTALS	1,427,878.29	1,384,378.07	1,284,275.67	393,023.21	1,122,388.81	
AVG/MONTH	118,989.86	115,364.84	107,022.97	43,669.25		
				Budgeted FY15-16	1,350,000.00	29%
						Recs as % budgeted

Nebraska Airport Funding Needs September 2015

The Nebraska Department of Aeronautics compiled the following lists of airport projects to illustrate the current infrastructure and funding needs of the airports in our state. The airport sponsors were not contacted specifically for their current needs but rather the needs were gathered from the annual update of the Nebraska Airport Capital Improvement Plan and the continuous coordination needed for the federal grant program.

Federal funds for airport improvements are received through the Federal Airport Improvement Program. Eligible airports can receive grants to cover up to 90% of project costs. Federal projects are being delayed or abandoned because the local airport sponsor cannot finance 10% of the project costs.

Potential FY2015 Federal funded projects that were delayed because of limited matching funds

Dollar amounts shown are the estimated matching funds for the project.

1. Albion: pave the access road and construct parking for the new terminal building (\$10,900)
2. Stuart-Atkinson: partial parallel taxiway (\$43,000)
3. Central City: construct new T-hangar (\$59,975)
4. Curtis: apron and taxiway rehabilitation (\$65,350)
5. Fairbury: construct new shop hangar (\$185,500)
6. Hyannis (Grant County): airport layout plan (\$20,000)
7. Red Cloud: construct new T-hangar (\$54,200)
8. Superior: install navigational aids (PAPI, REIL, beacon)(\$23,000)

Potential FY2016 Federal funded projects that are being delayed because of limited matching funds

Dollar amounts shown are the estimated matching funds for the project.

1. Aurora: pave the access road and construct parking (\$25,000)
2. Crete: replace T-hangar (\$270,000)
3. Garden County (Oshkosh): pavement maintenance (\$28,000)
4. Rushville: acquire snow removal equipment (\$26,550)
5. Thedford: construct T-hangar(\$180,000)
6. Wallace: airport layout plan (\$20,000)

This list may grow as we move into FY2016 and financial commitments must be made to keep the projects on schedule.

To be eligible to receive federal funding, the airport must be listed in the Nation Plan of Integrated Airport Systems (NPIAS). There are currently 81 public-use airports in Nebraska of which 73 are listed in the NPIAS. The remaining airports are not eligible for federal funds and historically have depended on state funds for airport improvements. These airports include:

1. Arapahoe
2. Bloomfield
3. Genoa
4. Gothenburg
5. Hay Springs
6. North Omaha
7. South Sioux City
8. Trenton

As part of a new program implemented in 2015, general aviation airports must also be classified in the NPIAS in order to receive federal entitlement funds, which is the source of funds for this type of airport. In the current NPIAS, three Nebraska airports are unclassified.

1. Bassett, Rock County Airport
2. Chappell, Billy G Ray Field
3. Sargent

There are currently eleven Nebraska airports that are not in a position to receive federal funds.

Public-use airports can request state grant funds for airside improvements. These grants can also cover up to 90% of the project costs. Airport sponsors are aware of the limited amount of available funds and are no longer requesting state grants for their improvements. The Department of Aeronautics has seen a deterioration of the airport system and an increased need for reconstruction due to the delay of timely rehabilitation projects.

Current Unfunded Airport Needs (limited to projects eligible under the current State Grant Program and those not expected to receive federal funding in the next five years)

Dollar amount shown are the estimate project costs.

1. Alma: parallel taxiway (pave: \$915,000; light: \$128,000)
2. Arapahoe: runway rehabilitation (reconstruction: \$1,091,100; overlay: \$747,000)
3. Arapahoe: install runway lights, beacon (\$113,460)
4. Auburn: taxilanes (\$280,000)
5. Aurora: Runway, taxiway & apron reconstruction (\$6,100,000 – may not have local match)
6. Blair: taxilanes, apron expansion (\$200,000)
7. Blair: extend runway and taxiway to 5,500' (\$2,640,000)
8. Beatrice: rehabilitate taxilanes to hangars A, B, C (\$407,500)
9. Bloomfield: runway rehabilitation (reconstruction: \$981,990; overlay: \$672,300)
10. Bloomfield: install runway lights, beacon (\$102,120)

11. Broken Bow: apron expansion (\$284,250)
12. Chadron: parallel taxiway (\$1,210,000; project could be broken into phases)
13. Chappell: runway rehabilitation (reconstruction: \$1,600,000; overlay: \$1,095,600)
14. Chappell: apron expansion (\$125,000)
15. Cozad: Taxilane reconstruction & apron expansion (\$160,000)
16. Crete: Hangar taxilanes replacement and drainage improvements (\$1,100,000)
17. Crete: Parking lot and road rehabilitation (\$385,000)
18. Fairmont: apron rehabilitation (overlay \$488,787)
19. Fremont: apron expansion and access to new hangar/terminal building (\$620,000)
20. Gordon: runway 11/29, taxiway, apron reconstruction (runway: \$1,070,000; taxiway: \$440,000; apron: \$360,000; they do not have local matching funds)
21. Gothenburg: plan for new airport/new runway with lots of new land (\$150,000)
22. Grand Island: terminal parking lot and Loop Road (\$2,900,000)
23. Grand Island: taxilanes for new aircraft hangars (\$500,000)
24. Grand Island: utility upgrades (sewer)(\$1,500,000)
25. Hartington: light parallel taxiway (\$275,000)
26. Harvard: taxiway rehabilitation (reconstruct: \$502,000; overlay: \$343,620)
27. Hyannis: pavement rehabilitation (reconstruction: \$1,445,700)
28. Lexington: runway and taxiway lights, beacon (\$137,500)
29. Lexington: rehab road and parking lot (\$366,000)
30. Nebraska City: parallel taxiway to runway 33 (\$138,450; federal ineligible section)
31. Nebraska Department of Aeronautics: PCI software update to include PCN values (\$
32. Norfolk: drainage system rehabilitation (\$1,939,688)
33. North Platte: relocate utilities (\$1,000,000)
34. North Omaha: runway rehabilitation (overlay: \$615,000)
35. O'Neill: runway 4/22 lights (\$290,000)
36. O'Neill: pave access road and parking (\$600,000)
37. Ogallala: parallel taxiway (\$1,720,000; project could be broken into phases)
38. Ord: pave access road and parking (\$162,400)
39. Plattsmouth: relocate hangar in the safety area (\$1,950,000)
40. Sargent: 200' runway extension and survey for approach eligibility (pavement: \$87,000 survey: \$120,00)
41. Scottsbluff: pave west access road to airport (\$1,951,260)
42. Scottsbluff: parallel taxiway to runway 23 (pave: \$2,822,400; light: \$454,860)
43. Seward: apron (\$625,000)
44. South Sioux City: runway rehabilitation (reconstruction: \$1,208,600)
45. Tecumseh: pave road and parking lot (\$344,000)
46. Wahoo: construct taxilane (\$275,000)
47. Wahoo: entrance road and parking lot (\$350,000)
48. Wallace: runway rehabilitation (reconstruction: \$1,018,000)

Additional Note: Fuel systems are not currently eligible for funding through the State Grant Program. Airport sponsors can request an interest free loan from the department to work on their fuel systems. While fuel systems are eligible under the current FAA program, eligibility restrictions do not allow upgrades or rehabilitation of existing systems.

1. Stuart-Atkinson
2. Arapahoe
3. Auburn
4. Bloomfield
5. Burwell
6. Cambridge
7. Falls City
8. Hartington (installed card reader)
9. Hebron
10. Holdrege (add Jet A)
11. Minden
12. Nebraska City
13. Pender
14. Sidney (self-fueling)

The next meeting is tentatively set for Friday, December 11, 2015 at 1:00 pm CDT in the Lincoln office.

Motion by Commissioner Anderson to adjourn the meeting. Second by Commissioner Cook. Roll call vote. All voted aye. Motion carried.

The meeting was adjourned at 2:27 p.m.

Submitted by,

Ronnie Mitchell
Director