

COUNCIL ACTION FORM

SUBJECT: FEDERAL FISCAL YEAR 2015 AIRPORT IMPROVEMENT PLAN

BACKGROUND:

Annually the City submits to the Federal Aviation Administration (FAA) a 5-year Airport Capital Improvement Plan (AIP) for any Ames Airport projects seeking to use Federal Funds. As required by the FAA, the Airport Sponsor (City of Ames) must approve each year's AIP, thereby certifying the need for those projects shown. This year's deadline for submitting the AIP to the Iowa DOT and FAA is December 12, 2013.

It should be noted that the FAA will only program those federal dollars shown in the first year of the program. The Federal Fiscal Year 2015 (FFY15) project is the Ames Terminal Building and Combined Hangar project (see attached CIP sheet). Funding identified for this project includes \$450,000 in a federal entitlement, \$150,000 in state funds, and \$2,600,000 in local funds. The total estimated project cost is \$3,200,000. The local portion is to be split evenly between the City of Ames, Iowa State University, and the private sector.

ALTERNATIVES:

1. Approve the attached Federal Fiscal Year 2015 Airport Improvement Plan.
2. Direct staff to make modifications to the FFY15 AIP and approve the modified version.

MANAGER'S RECOMMENDED ACTION:

Approving the FFY15 AIP will ensure that the City complies with federal and state requirements for aviation programming. It will also keep the Ames Terminal Building and Combined Hangar project moving forward with anticipated construction in the summer of 2015. The Airport Improvement Plan is in compliance with the airport program approved in the City's current Capital Improvement Plan.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby approving the City's Federal Fiscal Year 2015 Airport Improvement Plan.

AIRPORT IMPROVEMENTS**PROJECT STATUS:** Cost ChangeCity of Ames, Iowa
Capital Improvements Plan**DESCRIPTION/JUSTIFICATION**

Airport improvement projects are accomplished through this program.

COMMENTS

The projects included in this program are determined by the Airport Master Plan which details Airport development needs for a ten-year period. The Master Plan Update that was completed in 2007 identifies projects that qualify for Federal Aviation Administration (FAA) funding.

2015/16	Replace Terminal Building (design and construction)
2016/17	Master Plan partial update and runway extension justification
2017/18	Runway Extension (environment assessment and engineering design report)
2018/19	Runway Extension (land acquisition)

The FY 2015/16 terminal building replacement project will update the currently aged facility. After receiving initial input from airport users, the new facility is anticipated to have an attached hangar space that will improve the economic viability of the Ames Airport. The initial input from the airport users indicates that a larger and more user friendly terminal building is needed to meet customer requirements.

Cost change in 2017/18 is due to new FAA requirements. These new requirements involve creation of an Engineering Design Report (as designated in the Airport Improvement Program (AIP) Sponsors Guide), which takes a project through 30% completion.

LOCATION

Ames Municipal Airport - Map 8, location L-16

FISCAL YEAR PRIORITY			1	1	1	1
COST:	TOTAL	2014/15	2015/16	2016/17	2017/18	2018/19
Engineering	898,000		528,000	170,000	200,000	
Land Acquisition	788,000					788,000
Construction	2,672,000		2,672,000			
TOTAL	4,358,000		3,200,000	170,000	200,000	788,000
FINANCING:						
G.O. Bonds	867,000		867,000			
Airport Construction Fund	208,800			20,000	110,000	78,800
FAA Funding	1,399,200		450,000	150,000	90,000	709,200
State Grant Funds	150,000		150,000			
Iowa State University	867,000		867,000			
Private Funds	866,000		866,000			
TOTAL	4,358,000		3,200,000	170,000	200,000	788,000
PROGRAM – ACTIVITY:		DEPARTMENT:		ACCOUNT NO.		
Transportation – Airport		Public Works				

FEDERAL AIRPORT IMPROVEMENT PROGRAM (AIP)
PRE-APPLICATION FFY 2015
CHECKLIST

Please attach the following documents with your application:

- ☒ Sponsor Identification Sheet for the Airport
- ☒ CIP Data Sheet (one for **each** project listed in the first 3 years of the CIP) and detailed cost estimate for each data sheet.
- ☒ 5-year Capital Improvement Program (CIP)
- ☒ Long Range Needs Assessment
- ☐ Verification of an updated ALP (when applying for new construction of buildings or airfield expansion)
- ☐ Verification of completed environmental processing in accordance with NEPA.
- ☐ Verification of completed land acquisition or signed purchase agreement.
- ☒ Verification of pavement maintenance program (when applying for pavement preservation or reconstruction)
- ☐ If requesting Federal assistance for snow removal equipment, please include an inventory of the existing equipment and calculations based on Chapters 4 & 5 of the Airport Winter Safety and Operations, Advisory Circular (AC) 150/5200-30 and the Airport Snow and Ice Control Equipment, AC 150/5220-20 showing the minimum equipment needed, along with the ACIP Data Sheet. Include a copy of a completed FAA Snow Plow Design Spreadsheet.
- ☐ If requesting Federal assistance for general aviation apron expansion, include a copy of a completed GA Apron Design spreadsheet.
- ☐ If requesting pavement reconstruction, submit an engineering report showing the need for the reconstruction as part of the CIP justification.
- ☐ For revenue-producing facilities (i.e., fueling facilities and hangars), please submit:
 - 1) a statement that airside development needs are met or include a financial plan to fund airside needs over the next 3 years;
 - 2) a statement that runway approach surfaces are clear of obstructions (the FAA Airport 5010 should show at least a 20:1 clear approach), and;
 - 3) justification for the project.
- ☒ SAM (System for Award Management) registration is up-to-date. (www.sam.gov)

Please scan and e-mail with support documents identified in checklist to kay.thede@dot.iowa.gov.

Office of Aviation
800 Lincoln Way
Ames, IA 50010

E-mail: kay.thede@dot.iowa.gov
FAX: 515-233-7983
515-239-1048

www.iowadot.gov/aviation



Iowa Department of Transportation

Form 291111wd (09-13)

FEDERAL AIRPORT IMPROVEMENT PROGRAM (AIP)

PRE-APPLICATION FFY 2015

AIRPORT SPONSOR IDENTIFICATION

Airport Name: Ames Municipal Airport

Airport Sponsor Name: City of Ames, Iowa

Contact Person: Damion Pregitzer Title: Airport Administrator

Complete Mailing Address: 515 Clark Avenue

<u>Ames</u>	<u>IA</u>	<u>50010</u>	Daytime Phone: <u>515-239-5275</u>
City	State	ZIP Code	

E-mail Address: dpregitzer@city.ames.ia.us FAX Number: 515-239-5404

U.S. Congressional District Number: 4th District

Please scan and e-mail with support documents identified in checklist to kay.thede@dot.iowa.gov.

Iowa Department of Transportation
Office of Aviation
800 Lincoln Way
Ames, IA 50010

Attn.: Program Manager
E-mail: kay.thede@dot.iowa.gov
FAX: 515-233-7983
515-239-1048

www.iowadot.gov/aviation

FIVE-YEAR AIRPORT CAPITAL IMPROVEMENT PROGRAM (CIP)

Airport Name: Ames Municipal Airport

Telephone: 515-239-5275

Prepared By: Damion Pregitzer

Date Approved: December 2013

Date Prepared: October 2013

Project Description	Funding Source	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Terminal Building & Combined Hanger	Federal	\$ 450,000	\$	\$	\$	\$
	State	\$ 150,000	\$	\$	\$	\$
	Local	\$ 2,600,000	\$	\$	\$	\$
	Total	\$ 3,200,000	\$	\$	\$	\$
Masterplan	Federal	\$	\$ 149,400	\$	\$	\$
	State	\$	\$	\$	\$	\$
	Local	\$	\$ 16,600	\$	\$	\$
	Total	\$	\$ 166,000	\$	\$	\$
Runway Extension Justification Report	Federal	\$	\$	\$	\$	\$
	State	\$	\$	\$	\$	\$
	Local	\$	\$ 4,000	\$	\$	\$
	Total	\$	\$ 4,000	\$	\$	\$
Runway 01/19 Extension Environmental Assessment	Federal	\$	\$	\$ 90,000	\$	\$
	State	\$	\$	\$	\$	\$
	Local	\$	\$	\$ 10,000	\$	\$
	Total	\$	\$	\$ 100,000	\$	\$
Land Acquisition for Runway 01/19 Extension	Federal	\$	\$	\$	\$ 709,200	\$
	State	\$	\$	\$	\$	\$
	Local	\$	\$	\$	\$ 78,800	\$
	Total	\$	\$	\$	\$ 788,000	\$
Runway 01/19 Extension Design & Grading	Federal	\$	\$	\$	\$	\$ 985,590
	State	\$	\$	\$	\$	\$
	Local	\$	\$	\$	\$	\$ 109,510
	Total	\$	\$	\$	\$	\$ 1,095,100

AIRPORT LONG RANGE NEEDS ASSESSMENT

FFY 2020 – FFY 2024

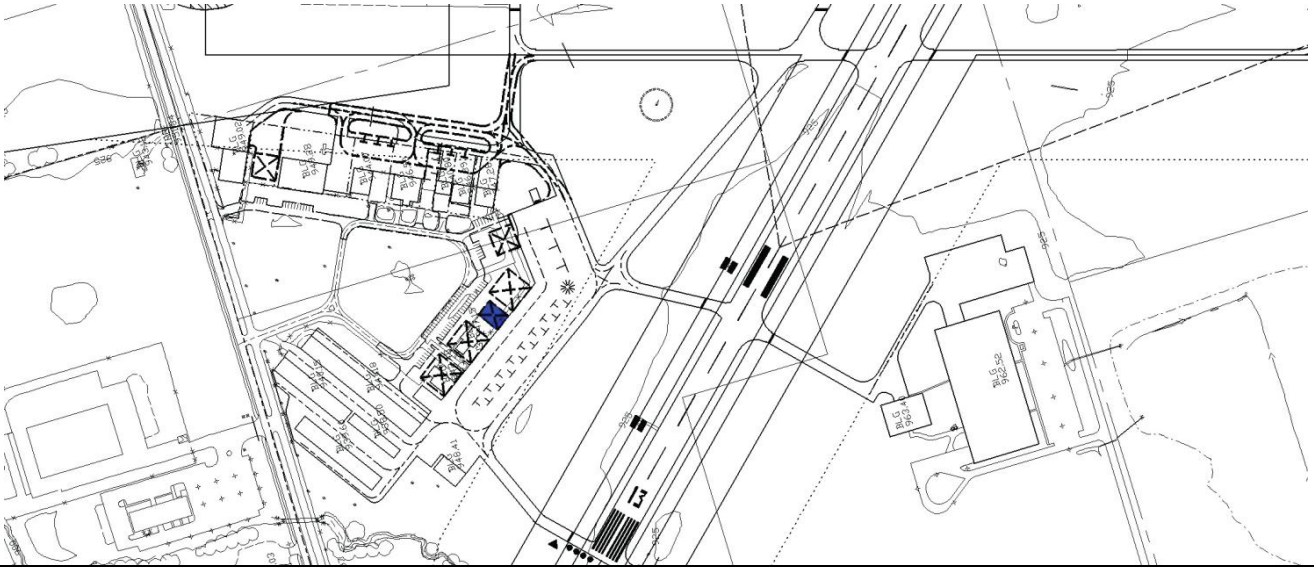
Airport Name: Ames Municipal Airport

Description of Project (include estimated Fiscal Year)	Funding Source	Total Estimated Cost
Road Relocation (FFY 2020)	Federal: 90% State: Local: 10% Total: 100%	\$ 647,640 \$ \$ 71,960 \$ 719,600
Runway 01/19 Paving (FFY 2021)	Federal: 90% State: Local: 10% Total: 100%	\$ 3,720,330 \$ \$ 413,370 \$ 4,133,700
	Federal: State: Local: Total:	\$ \$ \$ \$
	Federal: State: Local: Total:	\$ \$ \$ \$
	Federal: State: Local: Total:	\$ \$ \$ \$
	Federal: State: Local: Total:	\$ \$ \$ \$

CIP DATA SHEET

AIRPORT	Ames Municipal Airport	LOCID	AMW	LOCAL PRIORITY	1
PROJECT DESCRIPTION	Terminal Building & Combined Hanger	Identify FFY that you desire to construct (FFY: Oct. 1-Sept. 30)			FFY 15

SKETCH:



JUSTIFICATION:

The existing structure exhibits a number of deficiencies due to the age of the structure and functional areas. This project will include a new terminal & hangar building to provide increased services in the form of protected cover for overnight storage, and during periods of inclement weather (Snow, Ice, Hail, High Winds, etc.). It will also relocate runway lighting relays into a separate secured electrical vault building next to the terminal.

COST ESTIMATE: (Attach detailed cost estimate)

Federal(90%)	\$450,000	State	\$150,000	Local (10%)	\$2,600,000	Total	\$3,200,000
---------------------	------------------	--------------	------------------	--------------------	--------------------	--------------	--------------------

SPONSOR'S VERIFICATION:

For each and every project as applicable

Date	(see instruction sheet or point mouse over each date box for more information)
12/2008	- Date of approved ALP with project shown
N/A	- Date of environmental determination (ROD, FONSI, CE), or cite CE paragraph # (307-312) in Order 1050.1E
N/A	- Date of land acquisition or signed purchase agreement
1/2010	- Date of pavement maintenance program
N/A	- Snow removal equipment inventory & sizing worksheet (for SRE acquisition)
N/A	- Apron sizing worksheet (for apron projects)
	- Revenue producing facilities (for fuel farms, hangers, etc.)
?	- Date statement submitted for completed airside development
?	- Date statement submitted for runway approaches are clear of obstructions

FAA USE ONLY
FAA Verification: (initial/date)

SPONSOR'S SIGNATURE: _____ DATE: _____

PRINTED NAME: Damion Pregitzer TITLE: Traffic Engineer

PHONE NUMBER: 515-239-5275

FAA USE ONLY

PREAPP NUMBER	GRANT NUMBER	NPIAS CODE	WORK CODE	FAA PRIORITY	FEDERAL \$



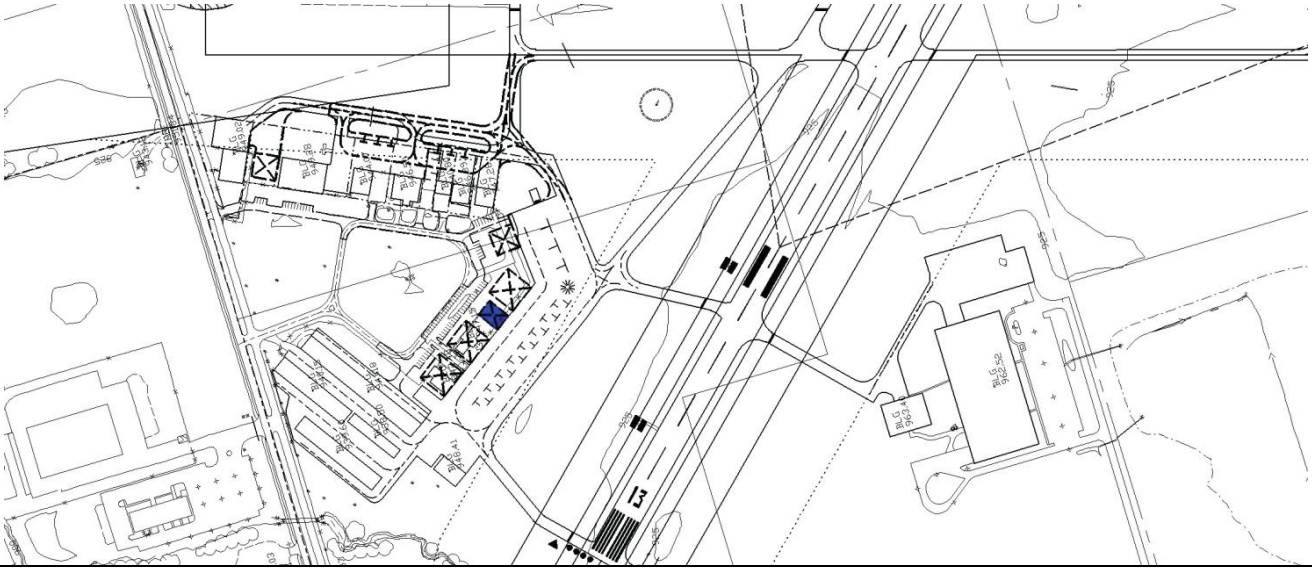
Terminal Building & Combined Hanger

No.	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
1	Terminal Building	1	LS	\$ 2,800,000.00	\$ 2,800,000.00
Subtotal					\$ 2,800,000.00
Engineering, Testing, Administration & Legal (Approx. 15%)					\$ 400,000.00
Terminal Building & Combined Hanger					\$ 3,200,000.00

CIP DATA SHEET

AIRPORT	Ames Municipal Airport	LOCID	AMW	LOCAL PRIORITY	2
PROJECT DESCRIPTION	Masterplan	Identify FFY that you desire to construct (FFY: Oct. 1-Sept. 30)			FFY 16

SKETCH:



JUSTIFICATION:

The current masterplan is nearing full buildout. Ames Municipal Airport has contracted Iowa State University regarding their use of the facility an. Increased use by ISU may result in larger aircraft operations and the potential need to modify the airport configuration to accommodate this use.

COST ESTIMATE: (Attach detailed cost estimate)

Federal(90%)	\$149,400	State	\$	Local (10%)	\$16,600	Total	\$166,000
---------------------	------------------	--------------	-----------	--------------------	-----------------	--------------	------------------

SPONSOR'S VERIFICATION:

For each and every project as applicable

Date	(see instruction sheet or point mouse over each date box for more information)
12/2008	- Date of approved ALP with project shown
N/A	- Date of environmental determination (ROD, FONSI, CE), or cite CE paragraph # (307-312) in Order 1050.1E
N/A	- Date of land acquisition or signed purchase agreement
1/2010	- Date of pavement maintenance program
N/A	- Snow removal equipment inventory & sizing worksheet (for SRE acquisition)
N/A	- Apron sizing worksheet (for apron projects)
	Revenue producing facilities (for fuel farms, hangers, etc.)
?	- Date statement submitted for completed airside development
?	- Date statement submitted for runway approaches are clear of obstructions

FAA USE ONLY

FAA Verification: (initial/date)

SPONSOR'S SIGNATURE: _____ DATE: _____

PRINTED NAME: Damion Pregitzer TITLE: Traffic Engineer

PHONE NUMBER: 515-239-5275

FAA USE ONLY

PREAPP NUMBER	GRANT NUMBER	NPIAS CODE	WORK CODE	FAA PRIORITY	FEDERAL \$



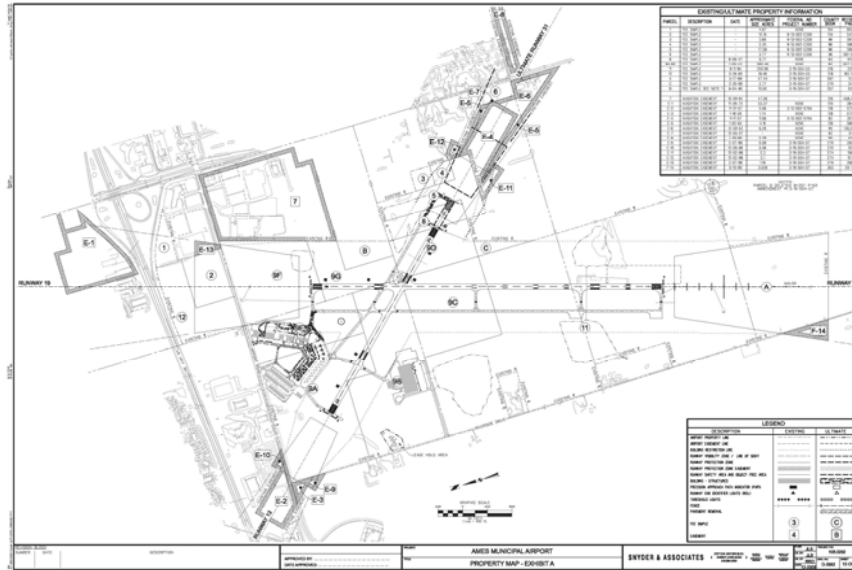
Masterplan

No.	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
1	Masterplan	1	LS	\$ 166,000.00	\$ 166,000.00
Masterplan \$					166,000.00

CIP DATA SHEET

AIRPORT	Ames Municipal Airport	LOCID	AMW	LOCAL PRIORITY	3
PROJECT DESCRIPTION	Environmental Assessment	Identify FFY that you desire to construct (FFY: Oct. 1-Sept. 30)			FFY 17

SKETCH:



JUSTIFICATION:

Runway 01/19 extension will require land acquisition. Initial stages of land aquisition is environmental documentation. Please note that in this fiscal year the City of Ames has programmed \$100,000 in local funds to conduct a preliminary engineering report for the project shown in FFY18.

COST ESTIMATE: (Attach detailed cost estimate)

Federal(90%)	\$90,000	State	\$	Local (10%)	\$10,000	Total	\$100,000
SPONSOR'S VERIFICATION:		Date (see instruction sheet or point mouse over each date box for more information)					
For each and every project as applicable		12/2008	- Date of approved ALP with project shown				
		N/A	- Date of environmental determination (ROD, FONSI, CE), or cite CE paragraph # (307-312) in Order 1050.1E				
		N/A	- Date of land acquisition or signed purchase agreement				
		1/2010	- Date of pavement maintenance program				
		N/A	- Snow removal equipment inventory & sizing worksheet (for SRE acquisition)				
FAA USE ONLY		N/A	- Apron sizing worksheet (for apron projects)				
FAA Verification: (initial/date)			Revenue producing facilities (for fuel farms, hangers, etc.)				
		?	- Date statement submitted for completed airside development				
		?	- Date statement submitted for runway approaches are clear of obstructions				

SPONSOR'S SIGNATURE: _____ DATE: _____

PRINTED NAME: Damion Pregitzer TITLE: Traffic Engineer

PHONE NUMBER: 515-239-5275

FAA USE ONLY

PREAPP NUMBER	GRANT NUMBER	NPIAS CODE	WORK CODE	FAA PRIORITY	FEDERAL \$



Runway 01/19 Extension Environmental Assesment

No.	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
1	Environmental Assesment Documentation	1	LS	\$ 100,000.00	\$ 100,000.00
Runway 01/19 Extension Environmental Assesment					\$ 100,000.00