

COUNCIL ACTION FORM

SUBJECT: 2014-2018 FEDERAL AIRPORT CAPITAL IMPROVEMENTS PLAN

BACKGROUND:

As an annual requirement of the Federal Aviation Administration (FAA), the City of Ames submits an Airport Capital Improvement Plan (CIP) to the FAA showing the next five Federal Fiscal Years of airport projects. The information contained in the Federal CIP forms is then copied to the Airport Improvements Program of the City's CIP to ensure the obligation of local matching funds required for each project.

This year's submittal includes the revised Ames Terminal Building project shown in fiscal year 2015/16 at a total project funding of \$3,200,000 as directed by City Council at the December 18, 2012 meeting. The project is shown to have \$450,000 in Federal Funds, \$150,000 in State Funds, and \$2,600,000 in local funds. At this time the local funds are anticipated to be split as follows: \$867,000 in City Funds, \$867,000 from Iowa State University, and \$866,000 from private donation (local businesses).

The remaining projects shown to the end of the 5-year CIP, and into the Long Range Needs Assessment (LRNA), are those steps necessary to extend the main Runway 01/19 to a length of approximately 8,000 feet. This will also include all data collection and justifications so that the FAA will approve the extension and all other airside facilities affected by this change. It should be noted that LRNA sheet is used for planning purposes only, and do not represent "obligated" funds until they appear in the CIP. **The final approved draft is due to the FAA and Iowa DOT by January 11, 2013.**

ALTERNATIVES:

1. Approve the 2014-2018 Federal Airport Capital Improvements Plan.
2. Approve the 2014-2018 Federal Airport Capital Improvements Plan with identified changes.

MANAGER'S RECOMMENDED ACTION:

The annual update to the Federal Airport CIP has been created using input from many Ames Airport Users gathered throughout the year, as well as incorporating budgetary direction and refinements from City Council. Projects shown represent improvements necessary to meet current and future demands of the Ames Municipal Airport.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby approving the 2014-2018 Federal Airport Capital Improvements Plan.

FIVE-YEAR AIRPORT CAPITAL IMPROVEMENT PROGRAM (CIP)

Airport Name: Ames Municipal Airport (AMW)

Telephone: 515-239-5275

Prepared By: Damion Pregitzer

Date Approved: 1/8/2013

Date Prepared: December 2012

Project Description	Funding Source	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Terminal Building & Combined Hangar	Federal	\$	\$ 450,000	\$	\$	\$
	State	\$	\$ 150,000	\$	\$	\$
	Local	\$	\$ 2,600,000	\$	\$	\$
	Total	\$	\$ 3,200,000	\$	\$	\$
Masterplan	Federal	\$	\$	\$ 150,000	\$	\$
	State	\$	\$	\$	\$	\$
	Local	\$	\$	\$ 16,000	\$	\$
	Total	\$	\$	\$ 166,000	\$	\$
Runway Extension Justification	Federal	\$	\$	\$	\$	\$
	State	\$	\$	\$	\$	\$
	Local	\$	\$	\$ 4,000	\$	\$
	Total	\$	\$	\$ 4,000	\$	\$
Environmental Assessment	Federal	\$	\$	\$	\$ 90,000	\$
	State	\$	\$	\$	\$	\$
	Local	\$	\$	\$	\$ 10,000	\$
	Total	\$	\$	\$	\$ 100,000	\$
	Federal	\$	\$	\$	\$	\$
	State	\$	\$	\$	\$	\$
	Local	\$	\$	\$	\$	\$
	Total	\$	\$	\$	\$	\$
	Federal	\$	\$	\$	\$	\$
	State	\$	\$	\$	\$	\$
	Local	\$	\$	\$	\$	\$
	Total	\$	\$	\$	\$	\$

AIRPORT LONG RANGE NEEDS ASSESSMENT

FFY 2019 – FFY 2023

Airport Name: Ames Municipal Airport

Description of Project (include estimated Fiscal Year)	Funding Source	Total Estimated Cost
FY2019 - Land Acquisition	Federal: State: Local: Total:	\$ 709,200 \$ \$ 78,800 \$ 788,000
FY2020 - Runway 01/19 Extension Desgin & Grading	Federal: State: Local: Total:	\$ 985,500 \$ \$ 109,500 \$ 1,095,000
FY2021 - Road Relocation	Federal: State: Local: Total:	\$ 647,640 \$ \$ 71,960 \$ 719,600
FY2022 - 01/19 Paving	Federal: State: Local: Total:	\$ 3,229,200 \$ \$ 358,800 \$ 3,588,000
	Federal: State: Local: Total:	\$ \$ \$ \$
	Federal: State: Local: Total:	\$ \$ \$ \$

FEDERAL AIRPORT IMPROVEMENT PROGRAM (AIP)
PRE-APPLICATION FFY 2014
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.
- ☒ CCR Registration is up-to-date.

Please mail with support documents identified in checklist to:

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



FEDERAL AIRPORT IMPROVEMENT PROGRAM (AIP)

PRE-APPLICATION FFY 2014

AIRPORT SPONSOR IDENTIFICATION

Airport Name: Ames Municipal Airport

Airport Sponsor Name: City of Ames

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

Tax Identification Number: 42-6004218

Dun and Bradstreet Number (DUNS): 061320917

CCR Registration Number: 5GG56

Please mail with support documents identified in checklist to:

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
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Telephone: 515-239-5275

Prepared By: Damion Pregitzer

Date Approved: 1/8/2013

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	Local	\$	\$	\$	\$ 10,000	\$
	Total	\$	\$	\$	\$ 100,000	\$
	Federal	\$	\$	\$	\$	\$
	State	\$	\$	\$	\$	\$
	Local	\$	\$	\$	\$	\$
	Total	\$	\$	\$	\$	\$
	Federal	\$	\$	\$	\$	\$
	State	\$	\$	\$	\$	\$
	Local	\$	\$	\$	\$	\$
	Total	\$	\$	\$	\$	\$

AIRPORT LONG RANGE NEEDS ASSESSMENT

FFY 2019 – FFY 2023

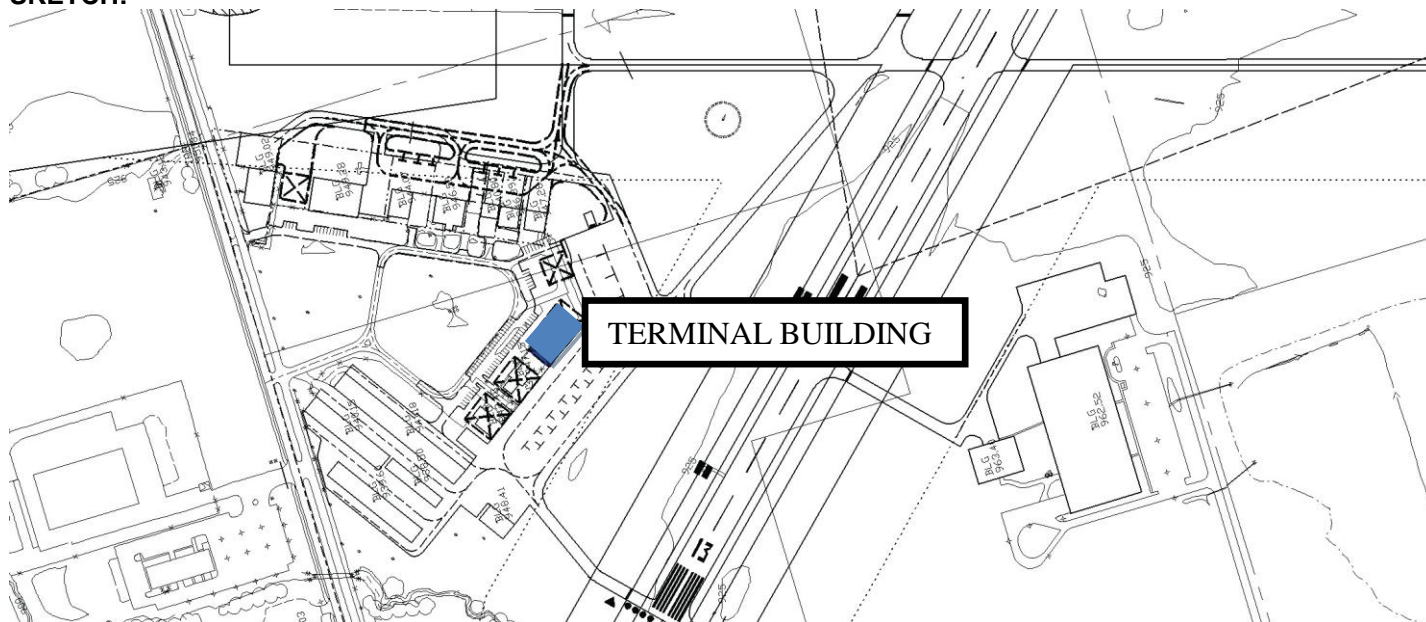
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	Federal: State: Local: Total:	\$ \$ \$ \$
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CIP DATA SHEET

AIRPORT	Ames Municipal Airport	LOCID	AMW	LOCAL PRIORITY	1
PROJECT DESCRIPTION	Terminal Building & Combined Hangar	Identify FFY that you desire to construct (FFY: Oct. 1-Sept. 30)			FY 2015

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 (14%)	\$450,000	State (5%)	\$150,000	Local (81%)	\$2,600,000	Total	\$3,200,000
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SPONSOR'S VERIFICATION:

For each and every project as applicable

FAA USE ONLY
FAA Verification: (initial/date)

Date	(see instruction sheet or point mouse over each date box for more information)
12/2008	- Date of approved ALP with project shown
CE 310e	- 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
Ongoing	- 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.)
N/A	- Date statement submitted for completed airside development
N/A	- 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 \$

AMES MUNICIPAL AIRPORT (AMW)
CIP COST ESTIMATE
PLANNING LEVEL COST ESTIMATE
CITY OF AMES IOWA
DATE LAST UPDATED: 1.2.2013

TERMINAL BUILDING & COMBINED HANGER				
ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Terminal Building	1	LS	\$ 3,200,000.00	\$ 3,200,000.00
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)			FY 2016

SKETCH:



JUSTIFICATION:

The current masterplan is nearing full buildout. Ames Municipal Airport has contracted Iowa State University regarding their use of the facility and. 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%)	\$150,000	State (0%)	\$0	Local (10%)	\$16,000	Total	\$166,000
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SPONSOR'S VERIFICATION:

For each and every project as applicable

FAA USE ONLY

FAA Verification: (initial/date)

Date	(see instruction sheet or point mouse over each date box for more information)
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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 \$

AMES MUNICIPAL AIRPORT (AMW)
CIP COST ESTIMATE
PLANNING LEVEL COST ESTIMATE
CITY OF AMES IOWA
DATE LAST UPDATED: 1.2.2013

MASTERPLAN				
ITEM	QTY	UNIT	UNIT PRICE	TOTAL
MASTERPLAN	1	LS	\$ 166,000.00	\$ 166,000.00
			MASTERPLAN \$	166,000.00

AIRPORT IMPROVEMENTS**PROJECT STATUS:** Cost Change
Scope Change

Revenue Change

City 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
2016/17	Master Plan partial update and runway extension justification
2017/18	Runway extension (environment assessment)

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 is due to updated estimates of the terminal building project. State grants, ISU funds, and private funds have been added as additional funding sources for replacing the terminal building in 2015/16.

LOCATION

Ames Municipal Airport - Map 8, location L-16

FISCAL YEAR PRIORITY			1	1	1	
COST:	TOTAL	2013/14	2014/15	2015/16	2016/17	2017/18
Engineering	798,000			528,000	170,000	100,000
Construction	2,672,000			2,672,000		
TOTAL	3,470,000			3,200,000	170,000	100,000
FINANCING:						
G.O. Bonds	867,000			867,000		
Airport Construction Fund	30,000				20,000	10,000
FAA Funding	690,000			450,000	150,000	90,000
State Grant Funds	150,000			150,000		
Iowa State University	867,000			867,000		
Private Funds	866,000			866,000		
TOTAL	3,470,000			3,200,000	170,000	100,000
PROGRAM – ACTIVITY:		DEPARTMENT:		ACCOUNT NO.		
Transportation – Airport		Public Works				