

ITEM #: 15  
DATE: 05-23-23  
DEPT: PW

**COUNCIL ACTION FORM**

**SUBJECT: 2022/23 AIRPORT IMPROVEMENTS PROGRAM (SOUTH APRON REHAB) APPLICATION FOR FUNDING TO IOWA DEPARTMENT OF TRANSPORTATION**

**BACKGROUND:**

On April 25, 2023, the City Council conditionally awarded the South Apron Rehabilitation project at the James Herman Banning Ames Municipal Airport to Con-Struct of Ames, IA, in the amount of \$1,251,705, contingent upon the receipt and execution of the agreements for Federal Bipartisan Infrastructure Law, 2) Federal Entitlement, and 3) State Airport Improvement Program grants in amounts necessary to finance the project expenditures.

Grant applications for federal funding have already been submitted to the Federal Aviation Administration (FAA). The FAA requires bid amounts and a signature from the sponsor's designee (in this case, the Traffic Engineer). However, the Iowa Department of Transportation (DOT) requires a resolution with its funding applications. Therefore, the City's consultant, Bolton & Menk, has prepared a state funding agreement, which is included as an attachment to this document.

The previous Council Action Form, which conditionally approved the project, is also attached for the Council's reference.

**ALTERNATIVES:**

1. Approve the request for state funding to the Iowa DOT for the 2022/23 Airports Improvements Program (South Apron Rehab).
2. Reject the request for state funding and direct staff to find alternative funding sources.

**CITY MANAGER'S RECOMMENDED ACTION:**

By approving this state grant application, the City will only still need approval of the two federal grant applications. At that point, the South Apron Rehabilitation project can proceed as planned. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as noted above.

ITEM #: 38  
 DATE: 04-25-23  
 DEPT: PW

**COUNCIL ACTION FORM**

**SUBJECT: 2022/23 AIRPORT IMPROVEMENTS PROGRAM (SOUTH APRON REHAB)**

**BACKGROUND:**

The Capital Improvements Plan (CIP) includes a project in FY 2022/23 to rehabilitate the south apron area of the airport through the Airport Improvements Program (AIP). The project area is shown on the attached map.

On April 19, 2023, bids for the project were received as follows:

Bidder	City	Division 1 (Base Bid)	Div. 1 (Alt A)	Division 2 (Base Bid)	Div. 2 (Alt B)	Totals
Con-Struct, Inc.	Ames, IA	\$1,065,300	\$103,800	\$71,075	\$11,530	\$1,251,705
Absolute Concrete, Inc.	Granger, IA	\$1,367,915	\$75,780	\$104,735	\$20,219	\$1,568,649

- Division 1 (Base): Paving for the reconstructed apron area.
- Division 1 (Alternate A): Lighting for the apron near the Terminal Building.
- Division 2 (Base): New controlled gated access on the east side of the Terminal.
- Division 2 (Alternate B): Parking areas adjacent to the apron designated for fuel trucks to minimize conflicts with aircraft.

This project is funded using four sources; 1) Federal Bipartisan Infrastructure Law grant, 2) Federal Entitlement grant, 3) State Airport Improvement Program Grant, and 4) Airport Construction Fund (to fulfill the local match requirements). An estimated project budget is outlined below:

<u>Revenues</u>		<u>Expenses</u>	
Federal	\$1,218,418	Design	\$77,000
State	\$89,556	Inspection	\$123,500
Local	\$144,231	Construction	\$1,251,705
	<u>\$1,452,205</u>		<u>\$1,452,205</u>

The construction is scheduled to begin in 2024. City staff will work with our consultant to submit grant applications based on the apparent lowest bidder and guidance from the FAA and Iowa DOT aviation program managers. **Therefore, if City Council decides to proceed with the Airport apron reconstruction project, it is advisable to make the award of the contract conditional upon the City of Ames receiving federal and state grant offers, as highlighted in the above paragraph, for the eligible portions of the project. This would ensure that the necessary funding is available to cover the costs of the project.**

## **ALTERNATIVES:**

1. a) Accept the report of bids for the 2022/23 Airport Improvements Program (South Apron Rehab) project.  
  
b) Approve plans, specifications, and estimated construction cost for the construction of the South Apron Rehab project.  
  
c) Award Division 1 and its Alternate A, and Division 2 and its Alternate B, of the 2022/23 Airport Improvements Program (South Apron Rehab) to Con-Struct of Ames, IA, in the amount of \$1,251,705, **contingent upon the receipt and execution of the agreements for Federal Bipartisan Infrastructure Law, 2) Federal Entitlement, and 3) State Airport Improvement Program grants in amounts necessary to finance the project expenditures.**
2. a) Accept the report of bids for the 2022/23 Airport Improvements Program (South Apron Rehab) project.  
  
b) Reject the award and direct staff to modify the project, thereby working with the FAA to determine a future grant cycle for the project.
3. Do not proceed with the project.

## **CITY MANAGER'S RECOMMENDED ACTION:**

By awarding this project, it will be possible to improve the pavement condition and improve safety and access to the apron area in front of the Airport's Terminal Building. **Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as noted above.**

2022/23 AIP (South Apron Rehab) Map

Airport Road

Airport Drive

Project Area

E



## AIRPORT STATE FUNDING CHECKLIST AND APPLICATION

**Please attach the following documents with your application.**

- Airport State Funding Application Checklist
- Project data sheet, including a detailed cost breakdown. Use one for each project.
- City/Sponsor resolution that endorses the project and certifies availability of matching funds.
- Five-Year Capital Improvement Program (CIP)
- Verification that project is identified in a current airport layout plan (ALP) on file with Iowa Department of Transportation Aviation (when applying for new construction of buildings or airfield expansion).
- Pavement maintenance program (verify the use of the pavement maintenance program provided by the Iowa DOT or similar program when applying for pavement preservation or reconstruction).
- Verification that you have an airport security plan on file with Iowa DOT Aviation (when applying for airport security projects).
- Protective land use zoning and/or planning (please answer the following).
  - Height zoning  Yes    Date adopted \_\_\_\_\_  No     Pending
  - Land use planning/zoning  Yes    Date adopted \_\_\_\_\_  No     Pending
  - Comprehensive plan adopted with airport land use included  Yes     No     Pending
  - Other (please explain) \_\_\_\_\_
- Provide verification that you have either updated the \_\_\_\_\_ website or submitted based aircraft N - numbers to Iowa DOT Aviation.
- Minority Impact Statement (Iowa DOT Form 1051010).

Send **one signed** copy of the application materials to the address listed below.

Please mail, fax, or email the signed application to: \_\_\_\_\_

## AIRPORT STATE FUNDING APPLICATION

Airport Name: Ames Municipal Airport (AMW)

Airport Sponsor Name: City of Ames

Contact Person: Damion Pregitzer, P.E. PTOE Title: Traffic Engineer

Address: 515 Clark Avenue

City: Ames State: IA ZIP Code: 50010

Daytime Phone: (515) 239-5160 E-mail: damion.pregitzer@cityofames.org

FAX: (515) 239-5404

<b>Project Description:</b> If applying for more than one project, list in order of priority. A separate project application data sheet is needed for each project.	<b>Project Type</b>	<b>Total Project Amount</b>	<b>State Amount Requested</b>	<b>Percent State Share</b>
Land-side Access, Gate and Apron Lighting	AIP	\$250,000	\$200,000	80%

The sponsor certifies that the information contained in this application is accurate and complete to the best of his/her knowledge.

\_\_\_\_\_  
Signature of Authorized Sponsor's Representative

Traffic Engineer  
\_\_\_\_\_  
Title

Damion Pregitzer, P.E. PTOE  
Typed Name

Date: May 16, 2023

e-Mail the signed application to: [Shane.Wright@iowadot.us](mailto:Shane.Wright@iowadot.us)

## AIRPORT STATE FUNDING PROJECT DATA SHEET

Fiscal Year: 2024

**Submit a separate data sheet for each project.**

**Airport:** Ames Municipal Airport (AMW) **Date:** 4/19/2023

**Project Type (Check one only):**

Airport Improvement Program (AIP)  
 Commercial Service Vertical Infrastructure (CSVI)  
 General Aviation Vertical Infrastructure (GAVI)

**Project Description:** Ames Municipal Airport is undertaking a reconstruction of their South Apron through the FAA AIP program. This project would provide a new land-side access to the apron, a security gate, and overhead lighting for the apron area for deplaning aircraft.

**Engineering Firm (If unknown, write unknown):** Bolton & Menk

**Shown on current Airport Layout Plan (ALP)**  Yes  No **Current ALP Date:** 11/29/22 As-Built ALP

**Sketch:** Attach separate sketch from ALP if applicable.

**Project Justification (Include detailed information and data to support need):**

The apron being reconstructed has been very dimly lit at night in the past and causes a large safety concern. This project would provide overhead lighting for the apron ensuring that users deplaning at night are able to do so in a safe manner and users of the airport can see parked aircraft. DOT funds will be used to provide for additional light coverage, additional brightness or even allow the lighting improvements to occur a year sooner than planned. A private developer has recently constructed a hangar building where the old primary access was located leaving the only remaining access to the apron in a location that cannot be monitored by the airport operators in the terminal building. The proposed access would be directly adjacent to the recently constructed terminal, allowing the airport staff to directly control access. The gate will also be access controlled via a key pad to improve security. Future improvements shown in the CIP will also add to increasing security by installing more motorized gates. A concrete pad will be created next to the fuel tank and dispensers to store the mobile fuel trucks off the apron pavement. These improvements combined with the improvements being made the FAA to replace the pavement will improve the security and improve the functionality of the apron space in front of the terminal building.

**Detailed Cost Estimate (Attach separate sheet if necessary):**

See attached cost estimate

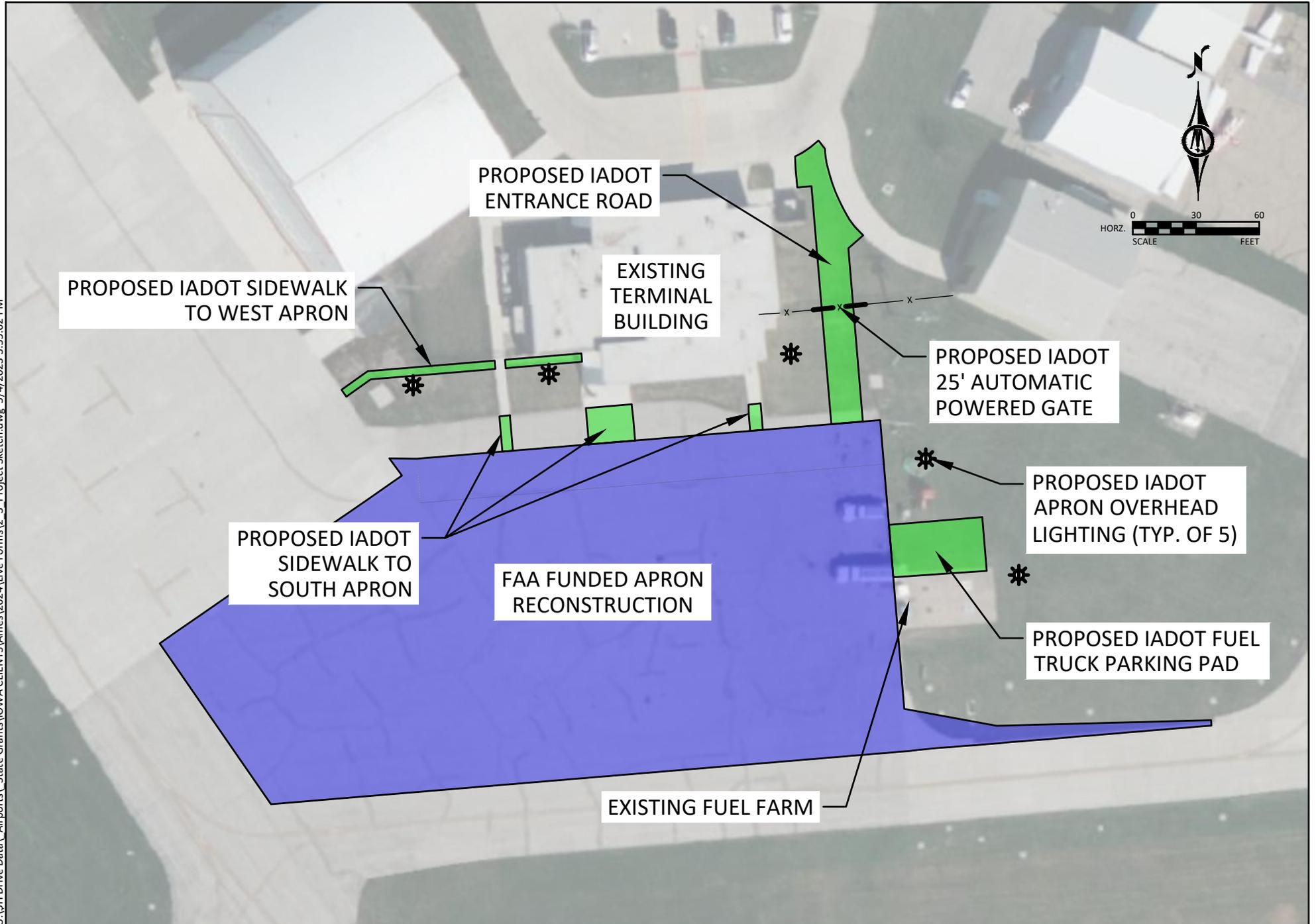
	Amount	Percentage
Total Project Cost:	\$250,000	100%
Local Share:	\$50,000	20%
Requested State Share:	\$200,000	80%

\_\_\_\_\_  
Signature  
Traffic Engineer, City of Ames  
\_\_\_\_\_  
Sponsor's Title

**Land-Side Access, Gate & Apron Lighting**

No.	ITEM	QTY	UNIT	UNIT PRICE	TOTAL	Federal	0%	State	80%	Local	20%
1	MOBILIZATION	1	LS	\$ 15,445.00	\$ 15,445.00	\$ -	\$ -	\$ 12,356.00	\$ -	\$ 3,089.00	
2	CONSTRUCTION SURVEY	1	LS	\$ 3,000.00	\$ 3,000.00	\$ -	\$ -	\$ 2,400.00	\$ -	\$ 600.00	
3	TRAFFIC CONTROL	1	LS	\$ 2,500.00	\$ 2,500.00	\$ -	\$ -	\$ 2,000.00	\$ -	\$ 500.00	
4	UNCLASSIFIED EXCAVATION	50	CY	\$ 20.00	\$ 1,000.00	\$ -	\$ -	\$ 800.00	\$ -	\$ 200.00	
5	SUBGRADE PREPARATION, 12"	540	SY	\$ 3.50	\$ 1,890.00	\$ -	\$ -	\$ 1,512.00	\$ -	\$ 378.00	
6	MODIFIED SUBBASE, 8"	440	SY	\$ 18.50	\$ 8,140.00	\$ -	\$ -	\$ 6,512.00	\$ -	\$ 1,628.00	
7	PAVEMENT , PCC, 6"	130	SY	\$ 65.00	\$ 8,450.00	\$ -	\$ -	\$ 6,760.00	\$ -	\$ 1,690.00	
8	PAVEMENT , PCC, 8"	250	SY	\$ 85.00	\$ 21,250.00	\$ -	\$ -	\$ 17,000.00	\$ -	\$ 4,250.00	
9	PAVEMENT, PCC, 4", SIDEWALK	125	SY	\$ 65.00	\$ 8,125.00	\$ -	\$ -	\$ 6,500.00	\$ -	\$ 1,625.00	
10	FENCE REMOVAL, CHAIN LINK	25	LF	\$ 21.00	\$ 525.00	\$ -	\$ -	\$ 420.00	\$ -	\$ 105.00	
11	GATE, AUTOMATIC POWERED, 25' ALUMINUM CANTILEVER, 4' TALL BLACK PVC COATED	1	LS	\$ 23,750.00	\$ 23,750.00	\$ -	\$ -	\$ 19,000.00	\$ -	\$ 4,750.00	
12	NO. 6 AWG, 600V, THWN-2, INSTALLED IN TRENCH, DUCT BANK OR CONDUIT	2300	LF	\$ 5.75	\$ 13,225.00	\$ -	\$ -	\$ 10,580.00	\$ -	\$ 2,645.00	
13	NO. 6 AWG, 600V EQUIPMENT GROUND, THWN-2, INSTALLED IN TRENCH, DUCT BANK OR CONDUIT	1200	LF	\$ 5.75	\$ 6,900.00	\$ -	\$ -	\$ 5,520.00	\$ -	\$ 1,380.00	
14	NON-ENCASED 2" PVC/HDPE CONDUIT	600	LF	\$ 18.00	\$ 10,800.00	\$ -	\$ -	\$ 8,640.00	\$ -	\$ 2,160.00	
15	OVERHEAD AREA LIGHTING POLE WITH FIXTURES	1	LS	\$ 100,000.00	\$ 100,000.00	\$ -	\$ -	\$ 80,000.00	\$ -	\$ 20,000.00	

	SUBTOTAL	\$	225,000.00	\$	-	\$	180,000.00	\$	45,000.00
	ENGINEERING & CONSTRUCTION ADMINISTRATION	\$	25,000.00	\$	-	\$	20,000.00	\$	5,000.00
	ESTIMATED COST OPINION	\$	250,000.00	\$	-	\$	200,000.00	\$	50,000.00



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**FIVE-YEAR AIRPORT  
CAPITAL IMPROVEMENT PROGRAM (CIP)**

Attach additional sheets if necessary.

Airport Name, LOCID, City, State: Ames Municipal Airport, AMW

Prepared by: Bolton & Menk

Sponsor's E-mail: dpregitzer@city.ames.ia.us

Date Prepared: April 2023

Sponsor's Signature: \_\_\_\_\_

Sponsor's Phone: (515) 239-5160

Printed Name: Damion Pregitzer

FY	Detailed Project/Scope Description	Funding Source	Total Estimated Cost
2024	Land-Side Access, Gate & Apron Lighting (Iowa DOT Funded)	Federal: \$ - BIL: \$ - State: \$ 200,000.00 Local: \$ 50,000.00 Total: \$ 250,000.00	
2024	CATEX for Wildlife Fencing Improvements (Do in July 2023 prior to go Letter)	Federal: \$ - BIL: \$ 27,000.00 State: \$ - Local: \$ 3,000.00 Total: \$ 30,000.00	
2024	Wildlife Fencing Improvements	Federal: \$ 1,935,000.00 BIL: \$ - State: \$ - Local: \$ 215,000.00 Total: \$ 2,150,000.00	
2025	Drainage Improvements (Planned Local Bond Project)	Federal: \$ - BIL: \$ - State: \$ - Local: \$ 200,000.00 Total: \$ 200,000.00	
2025	Airport Entrance Road Improvements (Planned Local Bond Project)	Federal: \$ - BIL: \$ - State: \$ - Local: \$ 2,000,000.00 Total: \$ 2,000,000.00	

**FIVE-YEAR AIRPORT  
CAPITAL IMPROVEMENT PROGRAM (CIP)**

Attach additional sheets if necessary.

Airport Name, LOCID, City, State: Ames Municipal Airport, AMW

Prepared by: Bolton & Menk

Sponsor's E-mail: dpregitzer@city.ames.ia.us

Date Prepared: April 2023

Sponsor's Signature: \_\_\_\_\_

Sponsor's Phone: (515) 239-5160

Printed Name: Damion Pregitzer

FY	Detailed Project/Scope Description	Funding Source	Total Estimated Cost
2025	Reconstruct Runway 01/19 - Design	Federal: \$ BIL: \$ State: \$ Local: \$ Total: \$	585,000.00 - - 65,000.00 650,000.00
2025	Relocate ASOS from Old Terminal to New Terminal Building	Federal: \$ BIL: \$ State: \$ Local: \$ Total: \$	- 135,000.00 - 15,000.00 150,000.00
2026	Old Terminal Demolition	Federal: \$ BIL: \$ State: \$ Local: \$ Total: \$	- 225,000.00 - 25,000.00 250,000.00
2026	Reconstruct Runway 01/19 - Construction	Federal: \$ BIL: \$ State: \$ Local: \$ Total: \$	11,115,000.00 - - 1,235,000.00 12,350,000.00
2026	Taxiway C Improvements	Federal: \$ BIL: \$ State: \$ Local: \$ Total: \$	- 585,000.00 350,000.00 915,000.00 1,850,000.00

**FIVE-YEAR AIRPORT  
CAPITAL IMPROVEMENT PROGRAM (CIP)**

Attach additional sheets if necessary.

Airport Name, LOCID, City, State: Ames Municipal Airport, AMW

Prepared by: Bolton & Menk

Sponsor's E-mail: dpregitzer@city.ames.ia.us

Date Prepared: April 2023

Sponsor's Signature: \_\_\_\_\_

Sponsor's Phone: (515) 239-5160

Printed Name: Damion Pregitzer

FY	Detailed Project/Scope Description	Funding Source		Total Estimated Cost							
2027	Apron Expansion (Planned Local Bond Project)	Federal:	\$ -	BIL:	\$ -	State:	\$ -	Local:	\$ 1,000,000.00	Total:	\$ 1,000,000.00
2027	Reconstruct Runway 13/31 Lighting (Planned Local Bond Project)	Federal:	\$ -	BIL:	\$ -	State:	\$ -	Local:	\$ 350,000.00	Total:	\$ 350,000.00
2027	Taxiway B Lighting (Planned Local Bond Project)	Federal:	\$ -	BIL:	\$ -	State:	\$ -	Local:	\$ 350,000.00	Total:	\$ 350,000.00
		Federal:	\$ -	BIL:	\$ -	State:	\$ -	Local:	\$ -	Total:	\$ -
		Federal:	\$ -	BIL:	\$ -	State:	\$ -	Local:	\$ -	Total:	\$ -

## Minority Impact Statement

Pursuant to 2008 Iowa Acts, HF 2393, Iowa Code 8.11, all grant applications submitted to the State of Iowa that are due beginning Jan. 1, 2009, shall include a Minority Impact Statement. This is the state's mechanism for requiring grant applications to consider the potential impact of the grant project's proposed programs or policies on minority groups.

**Please choose the statement(s) that pertains to this grant application. Complete all the information requested for the chosen statement(s). Submit additional pages as necessary.**

- The proposed grant project programs or policies could have a disproportionate or unique **positive** impact on minority persons.

Describe the positive impact expected from this project:

Indicate which groups are impacted:

- Women     Persons with a Disability     Blacks     Latinos     Asians  
 Pacific Islanders     American Indians     Alaskan Native Americans     Other \_\_\_\_\_

- The proposed grant project programs or policies could have a disproportionate or unique **negative** impact on minority persons.

Describe the negative impact expected from this project:

Present the rationale for the existence of the proposed program or policy:

Provide evidence of consultation with representatives of the minority groups impacted:

Indicate which groups are impacted:

- Women     Persons with a Disability     Blacks     Latinos     Asians  
 Pacific Islanders     American Indians     Alaskan Native Americans     Other \_\_\_\_\_

The proposed grant project programs or policies are **not expected to have** a disproportionate or unique impact on minority persons.

Present the rationale for determining no impact:

The proposed grant projects are located within the confines of the Ames Municipal Airport property boundaries. The Ames Municipal Airport is a publicly owned facility. The purpose of the proposed improvement(s) is to benefit all users of the airport facility (including minority persons). There is no indication that the proposed improvement(s) will have a disproportionate or unique impact, positive or negative, on minority persons.

I hereby certify that the information on this form is complete and accurate, to the best of my knowledge.

Name: Damion Pregitzer, P.E. PTOE

Title: Traffic Engineer

#### Definitions

"Minority Persons," as defined in Iowa Code 8.11, means individuals who are women, persons with a Disability, Blacks, Latinos, Asians or Pacific Islanders, American Indians, and Alaskan Native Americans.

"Disability," as defined in Iowa Code 15.102, subsection 12, paragraph "b," subparagraph (1):

b. As used in this subsection:

(1) "*Disability*" means, with respect to an individual, a physical or mental impairment that substantially limits one or more of the major life activities of the individual, a record of physical or mental impairment that substantially limits one or more of the major life activities of the individual, or being regarded as an individual with a physical or mental impairment that substantially limits one or more of the major life activities of the individual.

"*Disability*" does not include any of the following:

- (a) Homosexuality or bisexuality.
- (b) Transvestism, transexualism, pedophilia, exhibitionism, voyeurism, gender identity disorders not resulting from physical impairments or other sexual behavior disorders.
- (c) Compulsive gambling, kleptomania, or pyromania.
- (d) Psychoactive substance abuse disorders resulting from current illegal use of drugs.

"State Agency," as defined in Iowa Code 8.11, means a department, board, bureau, commission, or other agency or authority of the State of Iowa.

**RESOLUTION AUTHORIZING SUBMISSION OF APPLICATION FOR IOWA DEPARTMENT OF TRANSPORTATION  
AIRPORT FUNDING AND CERTIFYING ELIGIBILITY REQUIREMENTS**

WHEREAS, the City of Ames intends to apply for a grant from the Iowa Department of Transportation for partially funding improvements at the Ames Municipal Airport further described below:

- Land-Side Access, Gate & Apron Lighting – AIP Funding

WHEREAS, the City of Ames has/will budget \$50,000.00 for the Land-Side Access, Gate & Apron Lighting Improvements improvement project as matching funds in connection with the application of the grant from the Iowa DOT; and

WHEREAS, if the Land-Side Access, Gate & Apron Lighting improvement project is selected by the Iowa Department of Transportation for funding, a grant would pay 80% of the project cost and the remaining 20% shall be paid from local funds; and

WHEREAS the Iowa Department of Transportation requires a resolution endorsing the above-mentioned improvements and certifying availability of matching local funds.

WHEREAS a grant application has been prepared on behalf of the City of Ames by Bolton & Menk Inc. for the above-mentioned improvements.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE AMES, IOWA:**

1. Staff are hereby authorized to execute grant application documents as need to apply for the grant from the Iowa DOT for the above-mentioned improvements.
2. Staff are hereby authorized to submit a grant application to the Iowa DOT for the above-mentioned improvements.
3. \$50,000.00 is hereby committed for the Land-Side Access, Gate & Apron Lighting Improvements improvement project as the local matching share, subject to receipt of a grant from the Iowa Department of Transportation.

Passed this 16th day of May 2023 and signed this 16th day of May 2023.

By: \_\_\_\_\_  
Mayor

Attest: \_\_\_\_\_  
City Clerk