

FEDERAL AIRPORT IMPROVEMENT PROGRAM (AIP) PREAPPLICATION CHECKLIST

Please attach the following documents with your application.

- Sponsor Identification Sheet for the Airport
- Capital Improvement Program (CIP) Data Sheet (one for each project listed in the first three years of the CIP) and detailed cost estimate for each data sheet
- Five-Year CIP
- Long-Range Needs Assessment
- Verification of an updated airport layout plan (ALP) (when applying for new construction of buildings or airfield expansion)
- Verification of completed environmental processing in accordance with National Environmental Policy Act of 1969
- 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 and 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 Airport Capital Improvement Plan (ACIP) Data Sheet, include a copy of a completed Federal Aviation Administration's snow removal equipment spreadsheet.
- If requesting federal assistance for general aviation apron expansion, include a copy of a completed FAA 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 three 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).
 - 3) Justification for the project.
- System for Award Management (SAM) registration is up to date (www.sam.gov)

Please e-mail this form with supporting documents identified in the checklist to shane.wright@iowadot.us.

Attn.: Program Manager
Aviation Bureau
Iowa Department of Transportation
800 Lincoln Way
Ames, IA 50010

E-mail: shane.wright@iowadot.us
FAX: 515-233-7983
Phone: 515-239-1048

AIRPORT SPONSOR IDENTIFICATION SHEET

***** PLEASE ONLY SUBMIT IT YOU HAVE CHANGES FROM PREVIOUS YEAR. *****

Airport Name: Independence Municipal Airport

Airport sponsor(s) Name: City of Independence

Contact Person: Brett Soukup

Title: Airport Manager

Email Address: airportmgr@independenceia.org

Physical Mailing Address: 331 1st Street E.

P.O. Box (if applicable): _____

City: Independence

State: Iowa

ZIP Code: 50644

Phone: (319) 332-1417

U.S. Congressional District Number: 1

Tax Identification Number: 42-6004793

Dun and Bradstreet Number (DUNS): 050888643

You **must** have a current System for Award Management (SAM) registration to receive a grant.
Register at: _____

Please email (PDF) your completed preapplication, Capital Improvement Program (CIP), long-range needs assessment, signed CIP data sheets, and all supporting documents to your state agency and Federal Aviation Administration planner at jeff.deitering@faa.gov.

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

Attach additional sheets if necessary.

Airport Name, LOCID, City, State: Independence Municipal, IIB, Independence, Iowa

Prepared by: Bolton & Menk

Sponsor's E-mail: airportmgr@independenceia.org

Date Prepared: December 9, 2024

Sponsor's Signature: _____

Sponsor's Phone: (319) 332-0118

Printed Name: Matthew R. Schmitz

FY	Detailed Project/Scope Description	Funding Source	Total Estimated Cost
2026	Snow Removal Equipment - Tractor, Snow Blower, Loader and Box Blade	Federal: \$ BIL: \$ State: \$ Local: \$ Total: \$	451,250.00 23,750.00 475,000.00
2028	Airport Master Plan	Federal: \$ BIL: \$ State: \$ Local: \$ Total: \$	315,000.00 35,000.00 350,000.00
2029	Rehabilitate Runway (Joint Sealing, Crack Sealing and Patching)	Federal: \$ BIL: \$ State: \$ Local: \$ Total: \$	360,000.00 40,000.00 400,000.00
2029	Rehabilitate Parallel Taxiway (Joint Sealing, Crack Sealing and Patching)	Federal: \$ BIL: \$ State: \$ Local: \$ Total: \$	315,000.00 35,000.00 350,000.00
2029	Rehabilitate Apron Pavement (Joint Sealing, Crack Sealing and Patching)	Federal: \$ BIL: \$ State: \$ Local: \$ Total: \$	300,000.00 33,333.00 333,333.00

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

Attach additional sheets if necessary.

Airport Name, LOCID, City, State: Independence Municipal, IIB, Independence, Iowa

Prepared by: Bolton & Menk Sponsor's E-mail: airportmgr@independecea.org

Date Prepared: December 9, 2024 Sponsor's Signature: _____

Sponsor's Phone: (319) 332-0118 Printed Name: Matthew R. Schmitz

FY	Detailed Project/Scope Description	Funding Source	Total Estimated Cost
2030	Wildlife Study (Iowa DOT Funded)	Federal: \$ BIL: \$ State: \$ Local: \$ Total: \$	 34,000.00 6,000.00 40,000.00
		Federal: \$ BIL: \$ State: \$ Local: \$ Total: \$	
		Federal: \$ BIL: \$ State: \$ Local: \$ Total: \$	
		Federal: \$ BIL: \$ State: \$ Local: \$ Total: \$	
		Federal: \$ BIL: \$ State: \$ Local: \$ Total: \$	

**LONG-RANGE NEEDS ASSESSMENT
YEARS SIX TO 20**

Attach additional sheets if necessary.

Airport name Independence Municipal Airport

Estimated FY	Description of project	Funding source	Total estimated cost
	Wildlife Fencing	Federal \$	0.00
		BIL \$	0.00
		State \$	0.00
		Local \$	0.00
		Total \$	0.00
		Federal \$	0.00
		BIL \$	0.00
		State \$	0.00
		Local \$	0.00
		Total \$	0.00
		Federal \$	0.00
		BIL \$	0.00
		State \$	0.00
		Local \$	0.00
		Total \$	0.00
		Federal \$	0.00
		BIL \$	0.00
		State \$	0.00
		Local \$	0.00
		Total \$	0.00

FEDERAL AVIATION ADMINISTRATION

CIP DATA SHEET

CAPITAL IMPROVEMENT PROGRAM (CIP)
AIRPORTS DIVISION - CENTRAL REGION

SEE INSTRUCTIONS TO COMPLETE THIS INFORMATION			
Airport Name, LOCID, City, State:	Independence Municipal, IIB, Independence, Iowa		
AIP Project Type:	Snow Removal Equipment – Tractor, Snow Blower, Loader and Box Blade		
Local Priority:	1 - Very High	Fed. Share (AIP):	\$ 0
FFY Requested:	2026	Fed. Share (BIL-AIG):	\$ 451,250.00
NEPA Determination:	See Below	State Share:	\$ 0
Provide Detailed Project Scope and Justification Below. You must attach a sketch/drawing (on a separate sheet) that clearly identifies the scope of the project.		Local Share:	\$ 23,750.00
		Total Project Cost:	\$ 475,000.00
<p>Project Description: This project will provide snow removal equipment at the Independence Municipal Airport.</p> <p>Justification: This equipment will allow the airport to remove snow and open the airfield pavement to aircraft in a reasonable timeframe and in accordance with clearance time in FAA AC 150/5200-30. Existing equipment is past it useful life per AIP handbook 3-12, table 3-7, item b.</p> <p>ALP Verification: Not Applicable.</p> <p>NEPA Categorical Exclusion or Date of Environmental Determination: The proposed improvements are CE per FAA Order 1050.1F paragraphs 5-6.3.h.</p> <p>Clear Approaches per FAA AC 150/5300-13 and FAA Order 8260.3: Approaches are clear.</p> <p>Property Ownership: Not Applicable.</p>			
SPONSOR SIGNATURE BLOCK			
Signature:		Date:	12/9/2024
Printed Name:	Matthew R. Schmitz	Title:	City Manager
Phone Number:	(319) 332-0118	Email:	airportmgr@independencia.org



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SNOW REMOVAL EQUIPMENT - TRACTOR, SNOW BLOWER, LOADER AND BOX BLADE									
No.	ITEM	QTY	UNIT	UNIT PRICE	TOTAL	Federal 95%	State 0%	Local 5%	
1	CARRIER VEHICLE - TRACTOR	1	LS	\$ 368,500.00	\$ 368,500.00	\$ 350,075.00	\$ -	\$ 18,425.00	
2	SNOW BLOWER	1	LS	\$ 35,000.00	\$ 35,000.00	\$ 33,250.00	\$ -	\$ 1,750.00	
3	LOADER	1	LS	\$ 15,000.00	\$ 15,000.00	\$ 14,250.00	\$ -	\$ 750.00	
4	BOX BLADE	1	LS	\$ 15,000.00	\$ 15,000.00	\$ 14,250.00	\$ -	\$ 750.00	
Subtotal					\$ 433,500.00	\$ 411,825.00	\$ -	\$ 21,675.00	
PROJECT DEVELOPMENT / SCOPING					\$ -	\$ -	\$ -	\$ -	
DESIGN ENGINEERING					\$ 26,500.00	\$ 25,175.00	\$ -	\$ 1,325.00	
CONSTRUCTION ENGINEERING					\$ 10,000.00	\$ 9,500.00	\$ -	\$ 500.00	
GRANT ADMINISTRATION					\$ 3,500.00	\$ 3,325.00	\$ -	\$ 175.00	
DISADVANTAGED BUSINESS ENTERPRISE (DBE) PLAN					\$ -	\$ -	\$ -	\$ -	
ESTIMATED CITY ADMINISTRATION					\$ 1,500.00	\$ 1,425.00	\$ -	\$ 75.00	
SNOW REMOVAL EQUIPMENT - TRACTOR, SNOW BLOWER, LOADER AND BOX BLADE					\$ 475,000.00	\$ 451,250.00	\$ -	\$ 23,750.00	

Snow Removal Equipment Calculations

* Data entry required

Airport Name
 Location
 *Average Annual Snow Fall
 *Type of Airport
 *Annual Operations

Users requiring assistance or reasonable accommodation may contact the FAA Central Region at 816-329-2600

**Refer to AC 150/5220-20, Airport Snow and Ice Control Equipment, and
AC 150/5200-30, Airport Winter Safety and Operations for specific guidance.**

Time allowed for removal per AC 150/5200-30 hours

Critical Snow Removal Areas:

*Primary Runway (usually one)

<input type="text" value="5,500"/>	length (ft) x	<input type="text" value="100"/>	width (ft)	=	<input type="text" value="550,000"/>	sq. ft.
<input type="text" value=""/>	length (ft) x	<input type="text" value=""/>	width (ft)	=	<input type="text" value="0"/>	sq. ft.

*Parallel taxiway and one or two principle connecting taxiways

<input type="text" value="5,500"/>	length (ft) x	<input type="text" value="35"/>	width (ft)	=	<input type="text" value="192,500"/>	sq. ft.
<input type="text" value="220"/>	length (ft) x	<input type="text" value="35"/>	width (ft)	=	<input type="text" value="7,700"/>	sq. ft.
<input type="text" value="220"/>	length (ft) x	<input type="text" value="35"/>	width (ft)	=	<input type="text" value="7,700"/>	sq. ft.
<input type="text" value=""/>	length (ft) x	<input type="text" value=""/>	width (ft)	=	<input type="text" value="0"/>	sq. ft.

*Terminal, Cargo, and General Aviation Aprons

Critical apron area assumed as 1/2 of the apron.

<input type="text" value="50"/>	% Req' x	<input type="text" value="360"/>	length (ft) x	<input type="text" value="300"/>	width (ft)	=	<input type="text" value="54,000"/>	sq. ft.
<input type="text" value="50"/>	% Req' x	<input type="text" value="800"/>	length (ft) x	<input type="text" value="420"/>	width (ft)	=	<input type="text" value="168,000"/>	sq. ft.
<input type="text" value="50"/>	% Req' x	<input type="text" value=""/>	length (ft) x	<input type="text" value=""/>	width (ft)	=	<input type="text" value="0"/>	sq. ft.
<input type="text" value="50"/>	% Req' x	<input type="text" value=""/>	length (ft) x	<input type="text" value=""/>	width (ft)	=	<input type="text" value="0"/>	sq. ft.
<input type="text" value="50"/>	% Req' x	<input type="text" value=""/>	length (ft) x	<input type="text" value=""/>	width (ft)	=	<input type="text" value="0"/>	sq. ft.

Other critical areas (ie. emergency or ARFF access roads)

<input type="text" value="1,000"/>	length (ft) x	<input type="text" value="30"/>	width (ft)	=	<input type="text" value="30,000"/>	sq. ft.
<input type="text" value="2,000"/>	length (ft) x	<input type="text" value="30"/>	width (ft)	=	<input type="text" value="60,000"/>	sq. ft.
<input type="text" value="350"/>	length (ft) x	<input type="text" value="30"/>	width (ft)	=	<input type="text" value="10,500"/>	sq. ft.

Total Area= sq. ft.

*Snow Depth (in)
 *Snow Density (lbs/cu ft)

Tons of Snow tons

Rotary Plow

*Rotary Plow Efficiency %
 Minimum Rotary Plow snow removal rate tons/hr

Displacement Plow

*Operating Speed (mph)
 *Plow Efficiency %
 *Plow Cutting Angle (degrees)

Effective Blade Length (ft) Required ft.
 Actual Blade Length (ft) Required ft.

Snowfall Maps can be found here:

Iowa:
<http://www.hprcc.unl.edu/wrcc/states/ia.html>

Kansas:
<http://www.hprcc.unl.edu/wrcc/states/ks.html>

Missouri:
<http://www.hprcc.unl.edu/wrcc/states/mo.html>

Nebraska:
<http://www.hprcc.unl.edu/wrcc/states/ne.html>

- Refer to Figure 2-6 AC 150/5220-20 for GVW & HP rating @ carrier vehicles.

- Refer to AC 150/5220-20, Chapter 6, Paragraph 38 for minimum equipment requirements at Commercial Service and General Aviation airports. Program Guidance Letter, PGL 08-04 limits non Primary airports to one SRE vehicle

Eligible Items	Max Quantity	Size	tons/hr Total
Rotary Plow	1	401	Class 1 (up to 600 tons/hr, 50' casting distance)
Displacement Plow	2	6	ft, Total
Sweeper	2		Up to 2 times the # of snow blowers (displacement plows should have equal capacity as max rotary plow capacity)
Hopper Spreader	2		1 Sweeper per 750,000 sq. ft. of pavement (rounded up)
Front End Loader	0		1 Hopper Spreader per 750,000 sq. ft. of pavement
			1 Front End Loader per 500,000 sq. ft. of critical apron space

This program assumes at least 15" annual snow fall.

Rev Date: 01-5-2012

FEDERAL AVIATION ADMINISTRATION

CIP DATA SHEET

CAPITAL IMPROVEMENT PROGRAM (CIP)

AIRPORTS DIVISION - CENTRAL REGION

SEE INSTRUCTIONS TO COMPLETE THIS INFORMATION			
Airport Name, LOCID, City, State:	Independence Municipal, IIB, Independence, Iowa		
AIP Project Type:	Airport Master Plan Update		
Local Priority:	1 - Very High	Fed. Share (AIP):	\$ 315,000.00
FFY Requested:	2028	Fed. Share (BIL-AIG):	\$ 0
NEPA Determination:	See Below	State Share:	\$ 0
Provide Detailed Project Scope and Justification Below. You must attach a sketch/drawing (on a separate sheet) that clearly identifies the scope of the project.		Local Share:	\$ 35,000.00
		Total Project Cost:	\$ 350,000.00
<p>Project Description: The purpose of this project is to update the Master Plan and Airport Layout Plan to identify future development projects.</p> <p>Justification: The current Mater Plan was completed in April 2014 and all major improvements have been completed. The sponsor should undertake a new master plan in order to re-assess ultimate airport needs as well as ensure that based on updated guidance, the improvements desired are feasible.</p> <p>ALP Verification: Not Applicable.</p> <p>NEPA Categorical Exclusion or Date of Environmental Determination: The proposed improvements are CE per FAA Order 1050.1F paragraphs 5-6.1.p.</p> <p>Clear Approaches per FAA AC 150/5300-13 and FAA Order 8260.3: Approaches are clear.</p> <p>Property Ownership: All land needed for this project is currently owned by the airport as shown in the current exhibit A.</p>			
SPONSOR SIGNATURE BLOCK			
Signature:		Date:	12/9/2024
Printed Name:	Matthew R. Schmitz	Title:	City Manager
Phone Number:	(319) 332-0118	Email:	airportmgr@independenciaia.org



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AIRPORT MASTER PLAN UPDATE

	TOTAL	Federal 90%	State 0%	Local 10%
PROJECT DEVELOPMENT / SCOPING \$	25,000.00	\$ 22,500.00	\$ -	\$ 2,500.00
PLANNING/ENGINEERING \$	312,000.00	\$ 280,800.00	\$ -	\$ 31,200.00
GRANT ADMINISTRATION \$	5,000.00	\$ 4,500.00	\$ -	\$ 500.00
ESTIMATED CITY ADMINISTRATION \$	8,000.00	\$ 7,200.00	\$ -	\$ 800.00
AIRPORT MASTER PLAN UPDATE \$	350,000.00	\$ 315,000.00	\$ -	\$ 35,000.00