



City Hall, 215 Sycamore St.
Muscatine, IA 52761-3840
(563) 262-4141
Fax (563) 262-4142

COMMUNITY DEVELOPMENT

Planning,
Zoning,
Building Safety,
Construction Inspection Services,
Public Health,
Housing Inspections,
Code Enforcement

Date: December 27, 2018
To: Mayor and City Council
From: Dave Gobin, Community Development Director
Cc: Gregg Mandsager, City Administrator

Re: APPROVAL OF AIRPORT 5-YEAR IMPROVEMENT PROGRAM

Introduction and Background:

Every year or two, we present to the City Council a list of items that qualify for grant opportunities for funding capital improvements at the Airport for the next 5 years. This Airport Improvement Plan (AIP) is the basis for our funding activity by both the FAA and the IDOT Aviation Department.

The main reason the City Council approves an AIP is because it requires a commitment of matching funds for each grant as submitted over the next 5 years. However, each grant will also be approved before it is submitted then approved once again when or if contractor bids are awarded.

Recommendation: Staff hereby requests of the Council to approve the 5-Year AIP.

Documentation:

1. IDOT & FAA list of AIP projects
2. A Resolution for approval of the AIP

RESOLUTION NO. _____

RESOLUTION APPROVING THE AIRPORT IMPROVEMENT PLAN

WHEREAS, the City Council of Muscatine, Iowa, does hereby deem the Airport Improvement Plan (AIP) as complete and acceptable, and;

WHEREAS, the City Administrator is hereby authorized and directed to take the necessary steps to execute any ministerial conditions of the approval of the AIP, and;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MUSCATINE, IOWA, that the resolution accepting the AIP by the City is hereby approved.

CITY COUNCIL OF THE CITY OF
MUSCATINE, IOWA

ATTEST:

Diana Broderson, Mayor

Gregg Mandsager, City Clerk

**FEDERAL AIRPORT IMPROVEMENT PROGRAM (AIP)
PREAPPLICATION FEDERAL FISCAL YEAR 2019
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 FFA 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 email this form with supporting documents identified in the checklist to shane.wright@iowadot.us.

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

Email: 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 Muscatine Municipal Airport

Airport sponsor(s) name City of Muscatine, Iowa

Contact person Dave Gobin

Title Community Development Director

Email address dgobin@muscatineiowa.gov

Physical mailing address 215 Sycamore Street

P.O. Box (if applicable) _____

City Muscatine

State Iowa

ZIP code 52761

Phone 563-262-4141

U.S. Congressional District number Iowa 2nd District

Tax Identification Number 425-6005008

Dun and Bradstreet number (DUNS) 08-029-2048

You **must** have a current System for Award Management (SAM) registration to receive a grant.
Register at: <https://www.sam.gov>.

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 Muscatine Municipal Airport, MUT, Muscatine, Iowa

Prepared by Bolton & Menk

Sponsor's email dgobin@muscatineiowa.gov

Date prepared December 2018

Sponsor's signature _____

Sponsor's phone 563-262-4141

Printed name Dave Gobin

FY	Detailed project/scope description	Funding source	Total estimated cost
2020	Upgrade Fuel Facility w/ Self Serve	Federal \$0 State \$150,000 Local \$50,000 Total \$200,000	
2020	Taxiway A Rehabilitation - Phase 1	Federal \$990,720 State \$0 Local \$110,080 Total \$1,100,800	
2022	Runway 12/30 & Taxiway Maintenance (IDOT Funded)	Federal \$0 State \$150,000 Local \$50,000 Total \$200,000	
2024	Construct SRE Building	Federal \$558,000 State \$0 Local \$62,000 Total \$620,000	
		Federal \$ State \$ Local \$ Total \$	

FEDERAL AVIATION ADMINISTRATION

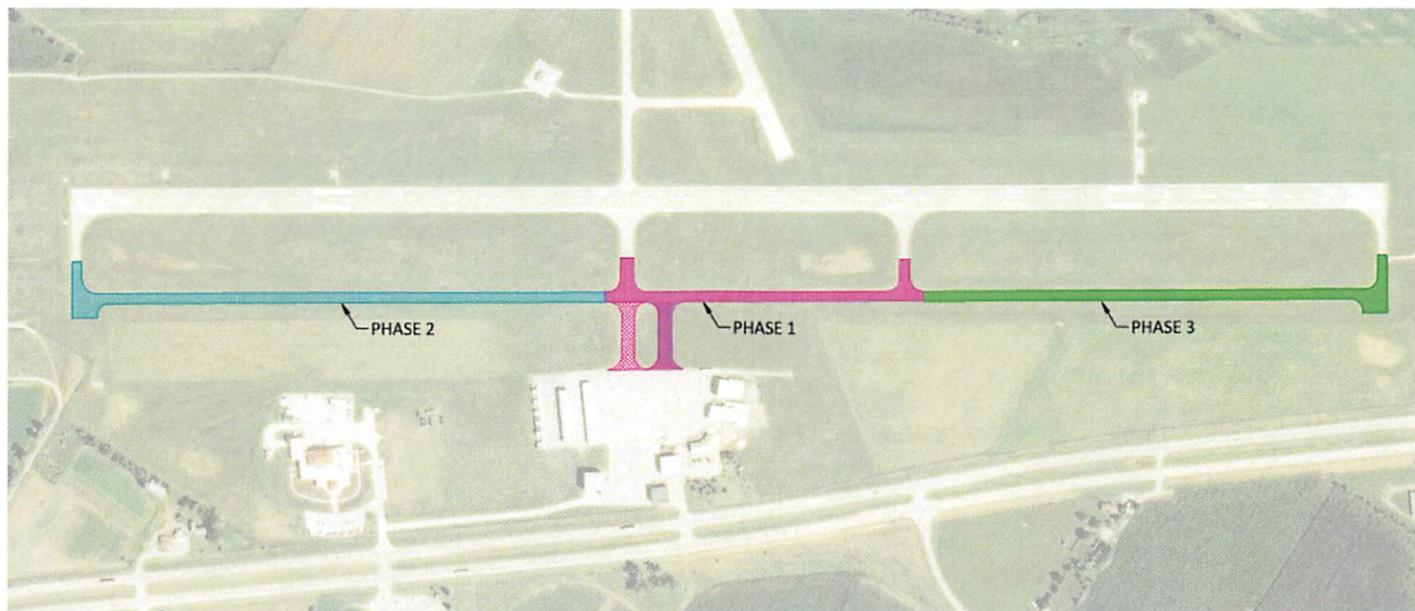
CIP DATA SHEET

CAPITAL IMPROVEMENT PROGRAM (CIP)

AIRPORTS DIVISION - CENTRAL REGION

SEE INSTRUCTIONS TO COMPLETE THIS INFORMATION			
Airport Name, LOCID, City, State:	Muscatine Municipal Airport, MUT, Muscatine, IA		
AIP Project Type:	SRE Building		
Local Priority:	1 - Very High	Federal Share:	\$ 990,720.00
FFY Requested:	2020	State Share:	\$0.00
Provide Detailed Project Scope and Justification Below. You must attach a sketch/drawing that clearly identifies the scope of the project.		Local Share:	\$110,080.00
		Total Project Cost:	\$ 1,100,800.00

The parallel taxiway for Runway 06/24 at the Muscatine Municipal Airport is beginning to show serious ASR deterioration. The city and the airport have concerns that if they wait much longer to address these ASR concerns, that FOD may become a serious issue. Due to the large scope of the project, rehabilitation of this pavement will be completed over the course of 3 projects with entitlement funds maxed out between the projects. This project will address the pavement between the middle two connector taxiways and will include portions of these connectors that are suffering from ASR.



SPONSOR SIGNATURE BLOCK			
Signature:		Date:	12/21/2018
Printed Name:	Dave Gobin	Title:	Community Development Director
Phone Number:	563-262-4141	Email:	dgobin@muscatineiowa.gov



Real People. Real Solutions.

TAXIWAY A REHABILITATION - PHASE 1

No.	ITEM	QTY	UNIT	UNIT PRICE	TOTAL	Federal 90%	State 0%	Local 10%
1	MOBILIZATION	1	LS	\$ 40,000.00	\$ 40,000.00	\$ 36,000.00	\$ -	\$ 4,000.00
2	CONSTRUCTION STAKING	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 9,000.00	\$ -	\$ 1,000.00
3	TRAFFIC CONTROL	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 9,000.00	\$ -	\$ 1,000.00
4	PAVEMENT REMOVAL	11,800	SY	\$ 4.00	\$ 47,200.00	\$ 42,480.00	\$ -	\$ 4,720.00
5	SUBGRADE PREPARATION	11,200	SY	\$ 4.00	\$ 44,800.00	\$ 40,320.00	\$ -	\$ 4,480.00
6	6" AGGREGATE SUBBASE	11,200	SY	\$ 10.00	\$ 112,000.00	\$ 100,800.00	\$ -	\$ 11,200.00
7	7" PCC PAVEMENT	9,800	SY	\$ 58.00	\$ 568,400.00	\$ 511,560.00	\$ -	\$ 56,840.00
8	AIRFIED PAINTING	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 9,000.00	\$ -	\$ 1,000.00
9	TOPSOIL STRIP AND RESPREAD	500	CY	\$ 12.00	\$ 6,000.00	\$ 5,400.00	\$ -	\$ 600.00
10	SEEDING AND FERTILIZING	2	ACRE	\$ 2,000.00	\$ 4,000.00	\$ 3,600.00	\$ -	\$ 400.00
11	MULCHING	2	ACRE	\$ 2,000.00	\$ 4,000.00	\$ 3,600.00	\$ -	\$ 400.00
12	1-1/C, #8 AWG, 5KV UG CABLE IN 1" DUCT	800	LF	\$ 5.00	\$ 4,000.00	\$ 3,600.00	\$ -	\$ 400.00
13	#6 AWG COUNTERPOISE	800	LF	\$ 3.00	\$ 2,400.00	\$ 2,160.00	\$ -	\$ 240.00
14	4" 4-WAY DUCT BANK	40	LF	\$ 100.00	\$ 4,000.00	\$ 3,600.00	\$ -	\$ 400.00
15	MITL, BASE MOUNTED	20	EA	\$ 1,100.00	\$ 22,000.00	\$ 19,800.00	\$ -	\$ 2,200.00
16	TAXIWAY GUIDANCE SIGN	1	EA	\$ 6,000.00	\$ 6,000.00	\$ 5,400.00	\$ -	\$ 600.00
17	RELOCATE AIRFIELD SIGN	2	EA	\$ 5,000.00	\$ 10,000.00	\$ 9,000.00	\$ -	\$ 1,000.00
18	REMOVE EXISTING TAXIWAY LIGHT	20	EA	\$ 150.00	\$ 3,000.00	\$ 2,700.00	\$ -	\$ 300.00
					\$ -	\$ -	\$ -	\$ -
				Subtotal	\$ 907,800.00	\$ 817,020.00	\$ -	\$ 90,780.00
				PROJECT DEVELOPMENT / SCOPING	\$ 2,000.00	\$ 1,800.00	\$ -	\$ 200.00
				DESIGN ENGINEERING (10%)	\$ 91,000.00	\$ 81,900.00	\$ -	\$ 9,100.00
				CONSTRUCTION ENGINEERING (10%)	\$ 91,000.00	\$ 81,900.00	\$ -	\$ 9,100.00
				GRANT ADMINISTRATION	\$ 4,000.00	\$ 3,600.00	\$ -	\$ 400.00
				DISADVANTAGED BUSINESS ENTERPRISE (DBE) PLAN	\$ 2,000.00	\$ 1,800.00	\$ -	\$ 200.00
				ENVIRONMENTAL CATEX	\$ 1,000.00	\$ 900.00	\$ -	\$ 100.00
				ESTIMATED CITY ADMINISTRATION	\$ 2,000.00	\$ 1,800.00	\$ -	\$ 200.00
				TAXIWAY A REHABILITATION - PHASE 1	\$ 1,100,800.00	\$ 990,720.00	\$ -	\$ 110,080.00



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

Attach additional sheets if necessary.

Airport name Muscatine Municipal Airport (MUT)

Estimated FY	Description of project	Funding source	Total estimated cost
2029	Taxiway A Rehabilitation - Phase 2	Federal	\$ 900,000
		State	\$ 0
		Local	\$ 100,000
		Total	\$ 1,000,000
2033	Taxiway A Rehabilitation - Phase 3	Federal	\$ 990,000
		State	\$
		Local	\$ 110,000
		Total	\$ 1,100,000
		Federal	\$
		State	\$
		Local	\$
		Total	\$
		Federal	\$
		State	\$
		Local	\$
		Total	\$
		Federal	\$
		State	\$
		Local	\$
		Total	\$