



City of Muscatine

AIRPORT ADVISORY COMMISSION

Monday, August 28, 2023

Airport Advisory Commission meetings are held on the 4th Thursday of each month at 5:00 pm
at the Muscatine Municipal Airport Terminal.

August 28, 2023, 5:00 PM

AGENDA

1. **CALL TO ORDER**
2. **APPROVAL OF MINUTES**
 - A. July 31, 2023 Minutes
3. **PROJECT UPDATES**
 - A. SRE Grant
 - B. Fuel System
 1. AVGAS
 2. Jet A
 - C. Storm Damage Repairs
4. **Review FAA Proposed Projects**
 - A. FFA Proposed Projects

- B. FAA Email
- C. FAA CIP PreApplication 2022

- 5. **Discussion Regarding Airport Management Contract & Status**
- 6. **OTHER BUSINESS**
- 7. **COMMUNICATIONS - CITIZENS**
- 8. **ADJOURNMENT**

AIRPORT ADVISORY COMMISSION

July 31, 2023

Minutes

1. Call to Order/Roll Call

- a. Members Present: Steve Bradford, Mohammad Pasha, Derek Reed, Dennis Froelich and Andrea Kreitner
- b. Members Absent: None
- c. Staff Present: Jodi Royal-Goodwin
- d. Others Present: Kitty Woerly of Revv Aviation and Mike Woerly, a resident

2. Approval of Minutes: Pasha moved and Reed seconded a motion to approve the minutes from May 22, 2023. The motion passed unanimously.

3. Project Updates

- a. SRE Grant – There was no update at this time.
- b. Fuel System
 - i. AVGAS – Bolton & Menk is working on the plans.
 - ii. Jet A – While not final, this currently shows as a FY24 project on the Iowa DOT, so we may be able to move the entire fuel system at one time.
- c. AWOS Frequency Change – The frequency change is complete. It is now 120.625. The AWOS and Clearance Frequency sign will need changed. Royal-Goodwin will work on this.
- d. Storm Damage Repairs –Public works is still trying to repair the lights for Taxiway A. They are currently running over current and turn off.
- e. Review CIP – The Commission reviewed the planned projects and timing.

4. Other Business

Royal-Goodwin announced that Kitzy Lemke resigned from Bolton & Menk and Carl Byers will be working the Muscatine Airport again.

The agriculture lease is being drafted and should go out in September with the goal of having the lease agreement approved by Council by November. There was consensus that a lease term of 5 years with one 5-year extension would be reasonable.

The Airport Zoning Overlay will be considered at the August Planning and Zoning Commission meeting, followed by a public hearing and first reading at the August 17 meeting of the City Council. Staff will also be taking it to the required adjacent jurisdictions for consideration. This project should be complete by October.

The Commissioners have concerns about the airport operations in light of Revv Aviation eliminating Mike Woerly's position. There will be significant loss of knowledge and maintenance skill that Mr. Woerly brought as the Airport Manager. There was discussion regarding if Revv can meet the terms of both the FBO and Airport Management Agreements with this loss. Mr. Bradford will draft a letter to Revv regarding these concerns. Member Froelich will also request a meeting with the Mayor, City Administrator, staff and the attorney to discuss the issues and options.

5. Comments from the Public

There were no additional comments from the public.

6. Adjourn

Proposed Airport Capital Plan

8/14/2023

Estimated Available Entitlement Summary					
	2021 ¹	2022	2023	2024 ²	Total
AIP	\$150,000	\$150,000	\$150,000	\$150,000	\$600,000
BIL ³	\$0	\$159,000	\$145,000	\$145,000	\$449,000

You have funds that expire on September 30, 2024

¹ FFY 2021 AIP Entitlement will expire in FFY 2024

² FFY 2024 AIP Nonprimary Entitlement unknown pending legislation - \$150,000 is assumed for planning

³ BIL Allotment is recalculated each fiscal year

City	Site	LOC	Project Description	Runway	Planned FFY	Federal Share for Project Phase (Typically 90% of Eligible Cost)	Estimated Total Project Cost	NPR	Project Phase	Project Remarks	Details
Muscatine	Muscatine Municipa	MUT	Install Runway Vertical/Visual Guidance Syster	12/30	2024	\$ 225,000	\$ 250,000	73	1/2	Replace failing sponsor owned PAPIs and REILs	Design and Constructor
Muscatine	Muscatine Municipa	MUT	Rehabilitate Runway Lighting	12/30	2024	\$ 270,000	\$ 300,000	79		Replace obsolete fixtures (40 ea) for runway 12-30	Design and Constructor
Muscatine	Muscatine Municipal	MUT	Rehabilitate Taxiway Lighting		2024	\$ 90,000	\$ 100,000	74		replace ageing taxiway lights and improves safety at night	Design and Construct
Muscatine	Muscatine Municipa	MUT	Install Runway Vertical/Visual Guidance Syster	12/30	2025	\$ -	\$ 250,000	73	2/2	Replace failing sponsor owned PAPIs and REILs	

Future Projects

Seal Runway Pavement Surface/Pavement Joints	12/30	O	\$ 113,850	\$ 126,500	79	Crack fill and joint repair and seal (PCI 90 4000x75). This is a single phase project with design and construction in the same fiscal year
Seal Runway Pavement Surface/Pavement Joints	12/30	O	\$ 300,000	\$ 333,333	79	Crack fill joint repair and sea
Acquire Snow Removal Equipment		O	\$ 185,400	\$ 206,000	75	Additional SRE - need justification for this. GA airports typically limited to one carrier vehicle + blade/broom per FAA Order 5100.38D Table M-1 d.(2). [MUST MEET BUY AMERICAN REQUIREMENTS]
Acquire Snow Removal Equipment		O	\$ 202,500	\$ 225,000	75	SRE broom attachment for existing carrier vehicle - Typically limited to one carrier vehicle + blade/broom per FAA Order 5100.38D Table M-1 d.(2). [MUST MEET BUY AMERICAN REQUIREMENTS]
Seal Taxiway Pavement Surface/Pavement Joints		O	\$ 90,000	\$ 100,000	74	Crack fill and joint repair and seal of Taxiway B (PCI 90 4800x35). This is a single phase project with design and construction in the same fiscal year
Install Weather Reporting Equipment		O	\$ 225,000	\$ 250,000	72	Replace aging AWOS-III P/T.
Seal Apron Pavement Surface/Pavement Joints		O	\$ 225,000	\$ 250,000	67	Crack fill joint repair and seal (6200 sq yds PCI 82)
Reconstruct Taxilane		O	\$ 360,000	\$ 400,000	65	Reconstruct Row 3 taxilanes (PCI 0 300x25 ADG-I TDG 1A)
Reconstruct Taxilane		O	\$ 360,000	\$ 400,000	65	Reconstruct taxilanes for Rows 1-3 (1200x25 ADG-I TDG 1A PCI 39)
Expand Apron		O	\$ 214,200	\$ 238,000	61	Expand transient parking apron (2000 sq yds)
Construct Taxilane		O	\$ 180,000	\$ 200,000	59	Widen existing taxilane [STATE/LOCAL FUNDS]
Construct Taxilane		O	\$ 382,500	\$ 425,000	59	Taxilane construction for Row 4 (300x25 ADG-I TDG-1A) This is a single phase project with design and construction in the same fiscal year. Hangar construction must be underway or completed
Construct/Rehabilitate/Modify/Expand Sand and Chemical Sto		O	\$ 596,340	\$ 662,600	50	Storage building for AIP eligible snow removal equipment
Improve Airport Drainage/Erosion Control		O	\$ 45,000	\$ 50,000	41	SRE buildings are limited to 1600 sq ft per FAA Order 5100.38D Table O-3.
Construct or Improve Fuel Farm		O	\$ 360,000	\$ 400,000	26	Storm Sewer/Culvert Inlet protection
Construct/Modify/Improve/Rehabilitate Hangar		O	\$ 300,000	\$ 333,333	24	Add self service card reader and Jet A Fuel tank [STATE/LOCAL FUNDS]. Per FAA Order 5100.38D Table D-1 c. fuel farm projects may be eligible at nonprimary airports using entitlements. The sponsor must make adequate provisions for financing higher priority airfield projects that are currently required before this revenue-producing work.
Construct/Modify/Improve/Rehabilitate Hangar		O	\$ 405,000	\$ 450,000	24	Box Hangar. Per FAA Order 5100.38D Table O-3 f. hangar projects may be eligible at nonprimary airports using entitlements. The sponsor must make adequate provisions for financing higher priority airfield projects that are currently required before this revenue-producing work
Construct/Modify/Improve/Rehabilitate Hangar		O	\$ 675,000	\$ 750,000	24	T-hangar (Row 4) [STATE/LOCAL FUNDS]. Per FAA Order 5100.38D Table O-3 f. hangar projects may be eligible at nonprimary airports using entitlements. The sponsor must make adequate provisions for financing higher priority airfield projects that are currently required before this revenue-producing work
Construct/Modify/Improve/Rehabilitate Hangar		O	\$ 720,000	\$ 800,000	24	Row 5 T-hangars. Per FAA Order 5100.38D Table O-3 f. hangar projects may be eligible at nonprimary airports using entitlements. The sponsor must make adequate provisions for financing higher priority airfield projects that are currently required before this revenue-producing work.

Other projects may be on file but may not be anticipated to have funding available in the short term planning period



Royal-Goodwin, Jodi <jroyal-goodwin@muscatineiowa.gov>

Proposed Projects at Your Airport

Lindsay, Junior E (FAA) <Junior.E.Lindsay@faa.gov>

Wed, Aug 16, 2023 at 3:01 PM

To: "jroyal-goodwin@muscatineiowa.gov" <jroyal-goodwin@muscatineiowa.gov>

Cc: "cwebb@muscatineiowa.gov" <cwebb@muscatineiowa.gov>, "SHANE.WRIGHT@dot.iowa.gov" <SHANE.WRIGHT@dot.iowa.gov>, "Deitering, Jeff (FAA)" <jeff.deitering@faa.gov>

Hello Jodi,

Please note in FY2024 you will have expiring entitlement funds. This should not be an issue since you have a project planned that year.

The attached spreadsheet is a snapshot of what I have tentatively planned for Airport Improvement Program (AIP) funding for your airport. This is by no means a guarantee of how projects will happen but rather my best projection right now, especially for anything shown after FY 2024. This may differ from what you've requested - please review it and contact me directly if you have any questions.

This was developed using a combination of your priorities, our priorities, and most importantly, the levels of funding we believe may be available. As I mentioned above, this may be (probably is, actually) different from what you've requested; the differences are most likely due to the amount of AIP funding projected to be available over the next few years. Bipartisan Infrastructure Law (BIL) funds may be shown on projects to make them financially viable. If you don't want to use the BIL funds as shown please note this in your next CIP update. This plan assumes projects are funded at a 90%/10% federal/local split.

The "Estimated Available Entitlements" are what your airport is projected to have available in FY 2024 for new grants (our FY 2024 begins on 10/1/2023). This balance is contingent upon congress passing and the president signing an appropriation bill for FY 2024. The spreadsheet does NOT take into account any of the "Supplemental Appropriation" discretionary funds that may be available. BIL funds for FY2024 are estimated as the calculated amount won't be known until later this fall. If there is a highlighted message saying you have entitlements expiring on 9/30/2024 and you don't see a 2024 project listed please contact me ASAP about what you would like to do with the expiring funds (new project, transfer to another airport, etc.).

As this is project planning and funding information, I only send this to airport sponsors and the state DOT. If anyone else needs to see this feel free to forward this email. Anyone who asks me for a copy will be referred back to you.

Thank you,

Junior E Lindsay, C.M.
Airport Planner | IowaFAA Central Region | Airports Division
901 Locust, Kansas City, MO 64106
816-329-2622 | Junior.E.Lindsay@faa.gov

 **Muscatine.pdf**
81K

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

**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 E-mail: jroyal-goodwin@muscatineia.gov

Date Prepared: December 8, 2022

Sponsor's Signature: Jodi Royal-Goodwin

Sponsor's Phone: 563-262-4141

Printed Name: Jodi Royal-Goodwin

FY	Detailed Project/Scope Description	Funding Source	Total Estimated Cost
2024	Lighting, PAPIs, and REILs for Runway 12/30 and Parallel Taxiway	Federal: \$ BIL: \$ State: \$ Local: \$ Total: \$	350,000.00 235,000.00 0.00 65,000.00 650,000.00
2024	Jet A Fuel Tank (Iowa DOT Funded)	Federal: \$ BIL: \$ State: \$ Local: \$ Total: \$	0.00 0.00 340,000.00 60,000.00 400,000.00
2025	SRE Building	Federal: \$ BIL: \$ State: \$ Local: \$ Total: \$	196,340.00 400,000.00 0.00 66,260.00 662,600.00
2025	Rehabilitate Hangar (Iowa DOT Funded)	Federal: \$ BIL: \$ State: \$ Local: \$ Total: \$	0.00 0.00 85,000.00 15,000.00 100,000.00
2026	New Hangars (4th Row) - Engineering Services	Federal: \$ BIL: \$ State: \$ Local: \$ Total: \$	0.00 153,000.00 0.00 17,000.00 170,000.00

**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

Date Prepared: December 8, 2022

Sponsor's Phone: 563-262-4141

Sponsor's E-mail: jroyal-goodwin@muscatineiowa.gov

Sponsor's Signature: [Signature]

Printed Name: Jodi Royal-Goodwin

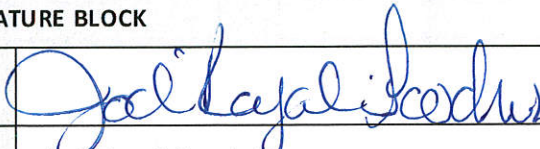
FY	Detailed Project/Scope Description	Funding Source	Total Estimated Cost
2027	New Hangars (4th Row) - Construction	Federal: \$ 300,000.00 BIL: \$ 0.00 State: \$ 0.00 Local: \$ 33,333.00 Total: \$ 333,333.00	300,000.00 0.00 0.00 33,333.00 333,333.00
2028	Pavement Rehab/Joint Sealant (Apron, Crosswind Taxiway, and Runway 12/30)	Federal: \$ 300,000.00 BIL: \$ 0.00 State: \$ 0.00 Local: \$ 33,333.00 Total: \$ 333,333.00	300,000.00 0.00 0.00 33,333.00 333,333.00
		Federal: \$ 0.00 BIL: \$ 0.00 State: \$ 0.00 Local: \$ 0.00 Total: \$ 0.00	0.00 0.00 0.00 0.00 0.00
		Federal: \$ 0.00 BIL: \$ 0.00 State: \$ 0.00 Local: \$ 0.00 Total: \$ 0.00	0.00 0.00 0.00 0.00 0.00
		Federal: \$ 0.00 BIL: \$ 0.00 State: \$ 0.00 Local: \$ 0.00 Total: \$ 0.00	0.00 0.00 0.00 0.00 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:	Muscatine Municipal Airport, MUT, Muscatine, Iowa		
AIP Project Type:	Lighting, PAPIs, and REILs for Runway 12/30 and Parallel Taxiway		
Local Priority:	1-Very High	Fed. Share (AIP):	\$ 350,000
FFY Requested:	2024	Fed. Share (BIL-AIG):	\$ 235,000
NEPA Determination:	See Below	State Share:	\$ -
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:	\$ 65,000
		Total Project Cost:	\$ 650,000
Project Description: This project will provide the design and construction phases for re-lighting Runway 12/30 and the parallel taxiway. Justification: The lighting on the crosswind runway, Runway 12/30, and parallel taxiway is unreliable and their have constantly been electrical issues. This project would provide all new lighting, including PAPIs and REILs, for the runway and the parallel taxiway to alleviate the problems and provide for more safety to pilots, especially at night. ALP Verification: The proposed improvements are shown on the current ALP.			
NEPA Categorical Exclusion or Date of Environmental Determination: Proposed improvements are CE per FAA order 1050.1F paragraph 5-6.4.j.			
Clear Approaches per FAA AC 150/5300-13 and FAA order 8260.3: Approaches are clear			
Property Ownership: All land needed for this project is currently owned by the airport as shown in the current Exhibit A.			
SPONSOR SIGNATURE BLOCK			
Signature:		Date:	12/12/2022
Printed Name:	Jodi Royal-Goodwin	Title:	Community Development Director
Phone Number:	563-262-4141	Email:	jroyal-goodwin@muscatineiowa.gov



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LIGHTING, PAPIS, AND REILS FOR RUNWAY 12/30 AND PARALLEL TAXIWAY

No.	ITEM	QTY	UNIT	UNIT PRICE	TOTAL	Federal	90%	State	0%	Local	10%
1	MOBILIZATION	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 18,000.00	\$	\$	-	\$	2,000.00
2	CONSTRUCTION SURVEY	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 9,000.00	\$	\$	-	\$	1,000.00
3	REMOVALS	1	LS	\$ 45,000.00	\$ 45,000.00	\$ 40,500.00	\$	\$	-	\$	4,500.00
4	L-862 HIRL THRESHOLD LIGHTS, BASE-MOUNTED	16	EA	\$ 1,100.00	\$ 17,600.00	\$ 15,840.00	\$	\$	-	\$	1,760.00
5	L-862 HIRL, BASE-MOUNTED	40	EA	\$ 1,000.00	\$ 40,000.00	\$ 36,000.00	\$	\$	-	\$	4,000.00
6	L-861 IT MITL, BASE-MOUNTED	104	EA	\$ 900.00	\$ 93,600.00	\$ 84,240.00	\$	\$	-	\$	9,360.00
7	CABLE MARKERS	10	EA	\$ 500.00	\$ 5,000.00	\$ 4,500.00	\$	\$	-	\$	500.00
8	ELECTRICAL HANDHOLES, SMALL	10	EA	\$ 800.00	\$ 8,000.00	\$ 7,200.00	\$	\$	-	\$	800.00
9	ELECTRICAL HANDHOLES, LARGE	8	EA	\$ 1,500.00	\$ 12,000.00	\$ 10,800.00	\$	\$	-	\$	1,200.00
10	TRENCHING	17,500	LF	\$ 1.60	\$ 28,000.00	\$ 25,200.00	\$	\$	-	\$	2,800.00
11	2" RGS CONDUIT, BORED	350	LF	\$ 14.00	\$ 4,900.00	\$ 4,410.00	\$	\$	-	\$	490.00
12	2" PVC CONDUIT, IN TRENCH	17,500	LF	\$ 2.00	\$ 35,000.00	\$ 31,500.00	\$	\$	-	\$	3,500.00
13	5KV CABLE, IN CONDUIT	17,850	LF	\$ 1.60	\$ 28,560.00	\$ 25,704.00	\$	\$	-	\$	2,856.00
14	COUNTERPOISE CABLE, IN TRENCH, W/ GROUND RODS	17,500	LF	\$ 2.00	\$ 35,000.00	\$ 31,500.00	\$	\$	-	\$	3,500.00
15	600V CABLE, # 4, IN CONDUIT	17,850	LF	\$ 2.00	\$ 35,700.00	\$ 32,130.00	\$	\$	-	\$	3,570.00
16	600V CABLE, # 6, IN CONDUIT	17,850	LF	\$ 2.00	\$ 35,700.00	\$ 32,130.00	\$	\$	-	\$	3,570.00
17	NEW REIL SYSTEM	2	EA	\$ 18,000.00	\$ 36,000.00	\$ 32,400.00	\$	\$	-	\$	3,600.00
18	NEW PAPI SYSTEM	2	EA	\$ 22,000.00	\$ 44,000.00	\$ 39,600.00	\$	\$	-	\$	4,400.00
Subtotal					\$ 534,060.00	\$ 480,654.00	\$	\$	-	\$	53,406.00
PROJECT DEVELOPMENT / SCOPING											
DESIGN ENGINEERING (10%)					\$ 53,500.00	\$ 48,150.00	\$	\$	-	\$	5,350.00
CONSTRUCTION ENGINEERING (10%)					\$ 53,440.00	\$ 48,096.00	\$	\$	-	\$	5,344.00
GRANT ADMINISTRATION					\$ 5,000.00	\$ 4,500.00	\$	\$	-	\$	500.00
DISADVANTAGED BUSINESS ENTERPRISE (DBE) PLAN					\$ -	\$ -	\$	\$	-	\$	-
ENVIRONMENTAL CATEX					\$ 3,000.00	\$ 2,700.00	\$	\$	-	\$	300.00
ESTIMATED CITY ADMINISTRATION					\$ 1,000.00	\$ 900.00	\$	\$	-	\$	100.00
Subtotal					\$ 650,000.00	\$ 585,000.00	\$	\$	-	\$	65,000.00

LIGHTING, PAPIS, AND REILS FOR RUNWAY 12/30 AND PARALLEL TAXIWAY

Lighting, PAPIs, and REILs for Runway 12/30 and Parallel Taxiway

Sketch



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, Iowa		
AIP Project Type:	SRE Building		
Local Priority:	1-Very High	Fed. Share (AIP):	\$ 196,340
FFY Requested:	2025	Fed. Share (BIL-AIG):	\$ 400,000
NEPA Determination:	See Below	State Share:	\$ -
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:	\$ 66,260
		Total Project Cost:	\$ 662,600

Project Description: This project will provide the design and construction phases for an SRE building.

Justification: The Muscatine Airport currently does not have a dedicated SRE building so the equipment is taking up valuable hangar space.

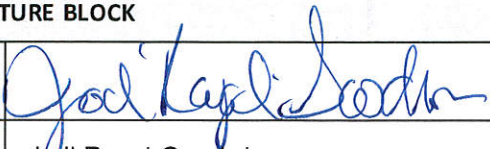
ALP Verification: The proposed improvements are shown on the current ALP.

NEPA Categorical Exclusion or Date of Environmental Determination: Proposed improvements are CE per FAA order 1050.1F paragraph 5-6.4.f.

Clear Approaches per FAA AC 150/5300-13 and FAA order 8260.3: Approaches are clear

Property Ownership: All land needed for this project is currently owned by the airport as shown in the current Exhibit A.

SPONSOR SIGNATURE BLOCK

Signature:		Date:	12/12/2022
Printed Name:	Jodi Royal-Goodwin	Title:	Community Development Director
Phone Number:	563-262-4141	Email:	jroyal-goodwin@muscatineiowa.gov



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SRE BUILDING

No.	ITEM	QTY	UNIT	UNIT PRICE	TOTAL	Federal	90%	State	0%	Local	10%
1	MOBILIZATION	1	LS	\$ 43,000.00	\$ 43,000.00	\$ 38,700.00	\$	\$	-	\$	4,300.00
2	CONSTRUCTION STAKING	1	LS	\$ 16,000.00	\$ 16,000.00	\$ 14,400.00	\$	\$	-	\$	1,600.00
3	EMBANKMENT IN PLACE	500	CY	\$ 13.00	\$ 6,500.00	\$ 5,850.00	\$	\$	-	\$	650.00
4	SUBGRADE PREPARATION	1,200	SY	\$ 11.00	\$ 13,200.00	\$ 11,880.00	\$	\$	-	\$	1,320.00
5	CRUSHED AGGREGATE BASE COURSE, 6"	1,200	SY	\$ 16.00	\$ 19,200.00	\$ 17,280.00	\$	\$	-	\$	1,920.00
6	PCC PAVEMENT, 6"	1,000	SY	\$ 70.00	\$ 70,000.00	\$ 63,000.00	\$	\$	-	\$	7,000.00
7	60' X 60' SRE BUILDING	1	LS	\$ 320,000.00	\$ 320,000.00	\$ 288,000.00	\$	\$	-	\$	32,000.00
8	ELECTRICAL CONNECTION	1	LS	\$ 17,000.00	\$ 17,000.00	\$ 15,300.00	\$	\$	-	\$	1,700.00
9	SANITARY SEWER	1	LS	\$ 16,000.00	\$ 16,000.00	\$ 14,400.00	\$	\$	-	\$	1,600.00
10	UNDERGROUND HOLDING TANK	1	LS	\$ 16,000.00	\$ 16,000.00	\$ 14,400.00	\$	\$	-	\$	1,600.00
11	SEEDING, MULCHING, FERTILIZING	1	ACRE	\$ 6,000.00	\$ 6,000.00	\$ 5,400.00	\$	\$	-	\$	600.00
Subtotal					\$ 542,900.00	\$ 488,610.00	\$	\$	-	\$	54,290.00
PROJECT DEVELOPMENT / SCOPING					\$ 2,000.00	\$ 1,800.00	\$	\$	-	\$	200.00
DESIGN ENGINEERING (10%)					\$ 54,000.00	\$ 48,600.00	\$	\$	-	\$	5,400.00
CONSTRUCTION ENGINEERING (10%)					\$ 54,000.00	\$ 48,600.00	\$	\$	-	\$	5,400.00
GRANT ADMINISTRATION					\$ 4,200.00	\$ 3,780.00	\$	\$	-	\$	420.00
DISADVANTAGED BUSINESS ENTERPRISE (DBE) PLAN					\$ 2,000.00	\$ 1,800.00	\$	\$	-	\$	200.00
ENVIRONMENTAL CATEX					\$ 1,500.00	\$ 1,350.00	\$	\$	-	\$	150.00
ESTIMATED CITY ADMINISTRATION					\$ 2,000.00	\$ 1,800.00	\$	\$	-	\$	200.00
SRE BUILDING					\$ 662,600.00	\$ 596,340.00	\$	\$	-	\$	66,260.00

SRE Building - Sketch

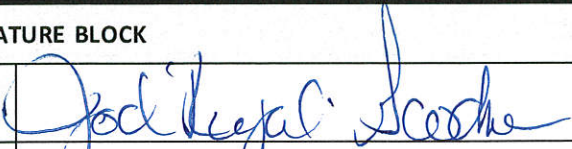


FEDERAL AVIATION ADMINISTRATION

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, Iowa		
AIP Project Type:	New Hangars (4th Row) - Engineering Services		
Local Priority:	1-Very High	Fed. Share (AIP):	\$ -
FFY Requested:	2026	Fed. Share (BIL-AIG):	\$ 153,000
NEPA Determination:	See Below	State Share:	\$ -
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:	\$ 17,000
		Total Project Cost:	\$ 170,000
Project Description: This project will provide for engineering services for the design, bid, and construction for new hangars. Justification: The Muscatine Municipal Airport has a waiting list of people looking to have hangar space at the airport as well as a row of T-hangars that is major need of replacement. By building more hangars the airport will be able to relocate tenants from the oldest T-hangars so that they can be torn down and eventually replaced. ALP Verification: The proposed improvements are shown on the current ALP. NEPA Categorical Exclusion or Date of Environmental Determination: Proposed improvements are CE per FAA order 1050.1F paragraph 5-6.4.f. Clear Approaches per FAA AC 150/5300-13 and FAA order 8260.3: Approaches are clear Property Ownership: All land needed for this project is currently owned by the airport as shown in the current Exhibit A.			
SPONSOR SIGNATURE BLOCK			
Signature:			Date: 12/12/2022
Printed Name:	Jodi Royal-Goodwin		Title: Community Development Director
Phone Number:	563-262-4141		Email: jroyal-goodwin@muscatineiowa.gov

NEW HANGARS (4TH ROW) - PHASE 1

	TOTAL	Federal	90%	State	0%	Local	10%
PROJECT DEVELOPMENT / SCOPING	\$ 2,000.00	\$ 1,800.00	\$ -	\$ -	\$ -	\$ 200.00	
DESIGN ENGINEERING	\$ 78,000.00	\$ 70,200.00	\$ -	\$ -	\$ -	\$ 7,800.00	
CONSTRUCTION ENGINEERING	\$ 78,000.00	\$ 70,200.00	\$ -	\$ -	\$ -	\$ 7,800.00	
GRANT ADMINISTRATION	\$ 5,000.00	\$ 4,500.00	\$ -	\$ -	\$ -	\$ 500.00	
DISADVANTAGED BUSINESS ENTERPRISE (DBE) PLAN	\$ 5,000.00	\$ 4,500.00	\$ -	\$ -	\$ -	\$ 500.00	
ENVIRONMENTAL CATEX	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
ESTIMATED CITY ADMINISTRATION	\$ 2,000.00	\$ 1,800.00	\$ -	\$ -	\$ -	\$ 200.00	
NEW HANGARS (4TH ROW) - PHASE 1	\$ 170,000.00	\$ 153,000.00	\$ -	\$ -	\$ -	\$ 17,000.00	

New Hangars (4th Row) – Engineering Services
Sketch

