



City of Muscatine



AGENDA ITEM SUMMARY

DATE April 15, 2021

STAFF

Jodi Royal-Goodwin, Community Development Director

SUBJECT

Request for authorization to submit application for Airport State Funding to the Iowa Department of Transportation

EXECUTIVE SUMMARY

This is a request to apply for a grant through the Iowa Department of Transportation to widen the taxiway along the northern side of the hangars. The total estimated project cost is \$151,700, with \$22,755 required as match. City policy requires Council approval of grants that require match prior to submittal.

STAFF RECOMMENDATION

Staff recommends Council approve submission of this grant.

BACKGROUND/DISCUSSION

In 2020, the construction of 3 box hangars was completed at the Muscatine Municipal Airport with Iowa Department of Transportation (IDOT) funding. However, the offset of the taxiway center line should be 57.5 feet from any obstructions, but the current taxiway width passing the east most hangar is just 50 feet. Widening the taxiway will be necessary to accommodate larger aircraft in the new large hangar.

All IDOT vertical infrastructure grant applications require a 15% local match. The total cost of the proposed project is \$151,700. The grant request is for \$128,945, with a required local share of \$22,755. There is approximately \$26,000 in bond proceeds remaining from the hangar construction project that can be used for this purpose.

Grant applications are due to IDOT by 4:00 pm May 6. The Airport Commission requested an application for this project be submitted, and Bolton & Menk has drafted the attached application as part of the professional services agreement.

CITY FINANCIAL IMPACT

Funds are available and there is no financial impact to the City's general fund.

ATTACHMENTS

Draft IDOT Grant Application

AIRPORT STATE FUNDING APPLICATION CHECKLIST

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 the Iowa Department of Transportation's Aviation Bureau (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 the Iowa DOT's Aviation Bureau (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 www.basedaircraft.com website or submitted based aircraft N - numbers to the Iowa DOT's Aviation Bureau.
- 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: Shane.Wright@lowadot.us



AIRPORT STATE FUNDING APPLICATION

Airport Name: Muscatine Municipal Airport (MUT)

Airport Sponsor Name: Muscatine Airport Commission

Contact Person: Jodi Royal-Goodwin Title: Community Development Director

Address: 215 Sycamore Street

City: Muscatine State: IA ZIP Code: 52761

Daytime Phone: 563-262-4141 E-mail: jroyal-goodwin@muscatineiowa.gov

FAX: N/A

Project Description: If applying for more than one project, list in order of priority. A separate project application data sheet is needed for each project.	Project Type	Total Project Amount	State Amount Requested	Percent State Share
Widen Taxilane	Airport Improvement	\$151,700.00	\$128,945.00	85%
				NaN

Windssocks: Orders may be placed using this form or by calling 515-239-1468.	Indicate quantity needed. <div style="text-align: center;"> _____ 18" x 96" _____ 36" x 144" </div>
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The sponsor certifies that the information contained in this application is accurate and complete to the best of his/her knowledge.

Community Development Director

Signature of Authorized Sponsor's Representative _____ Title _____

Jodi Royal-Goodwin Date: _____
Typed Name

Please mail, FAX, or e-mail the signed application to: Shane.Wright@lowadot.us

AIRPORT STATE FUNDING APPLICATION PROJECT DATA SHEET

Fiscal year 2022

Submit a separate data sheet for each project.

Airport Muscatine Municipal Airport (MUT) **Date** 4/30/2021

Project type (Check one only.)

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

Project description

Widen Taxilane

Engineering firm (If unknown, write unknown.) Bolton & Menk, Inc.

Shown on current Airport Layout Plan (ALP) Yes No **Current ALP date**

Sketch Attach separate sketch from ALP if applicable.

Project justification
(Include detailed information and data to support need.)

Currently there is not enough space for large aircraft to taxi to the new hangars completed in 2020. The required offset of the taxilane center line is 57.5 feet from any obstructions and the current taxilane width passing by the east most hangar is 50 feet. The widening of this taxilane will allow larger aircraft to be able to access the new larger hangars.

Detailed cost estimate
(Attach separate sheet if necessary.)

See Attached Sheet

	Amount	Percentage
Total project cost	151,700.00	100%
Local share	22,755.00	15%
Requested state share	128,945.00	85%

Signature
Jodi Royal-Goodwin, Community Development Director

Sponsor's title

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

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

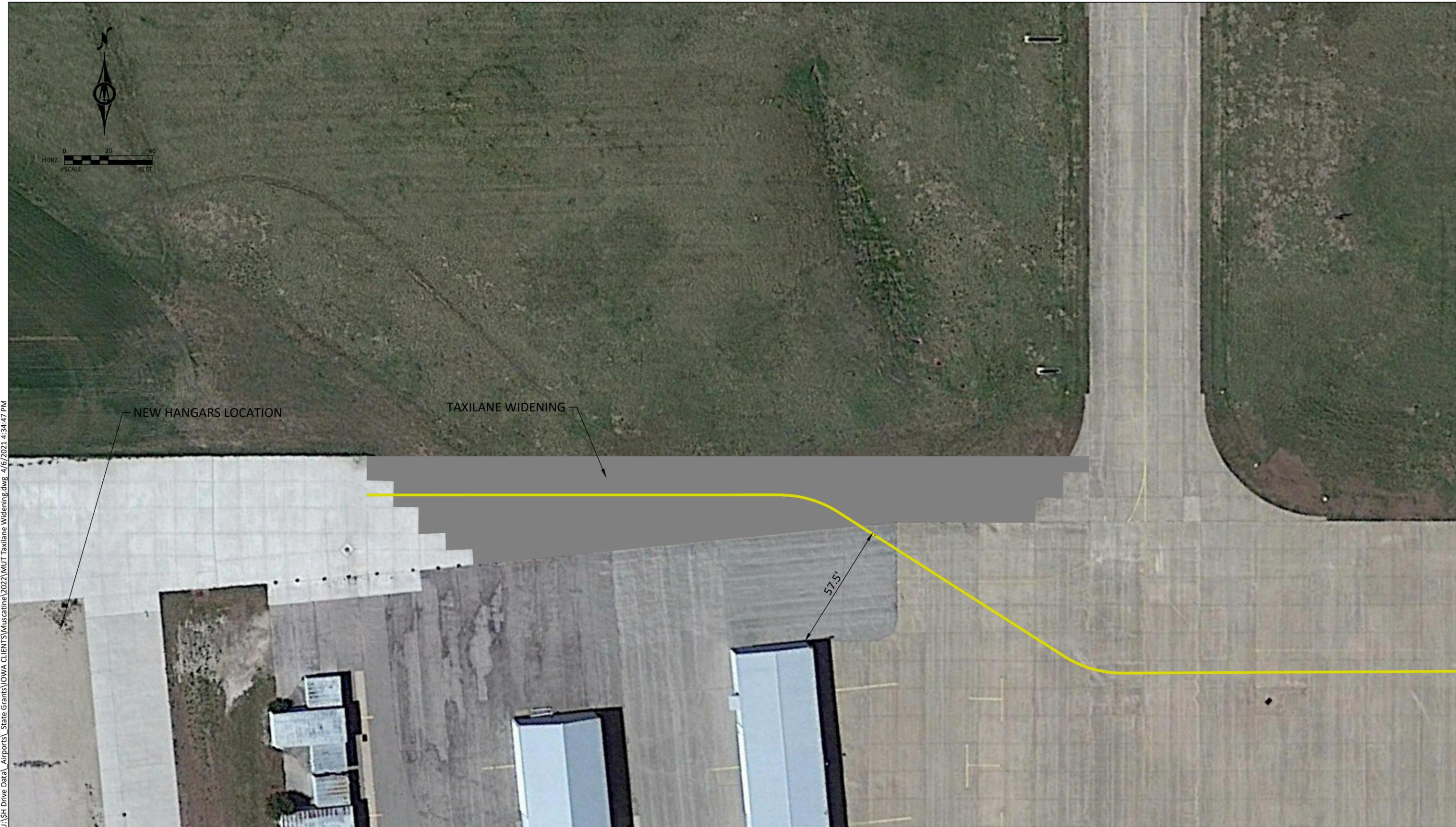
Email:
Phone: 515-239-1048
Fax: 515-233-7983



Real People. Real Solutions.

TAXILANE WIDENING

No.	ITEM	QTY	UNIT	UNIT PRICE	TOTAL	Federal	0%	State	85%	Local	15%
1	MOBILIZATION	1	LS	\$ 10,900.00	\$ 10,900.00	\$ -		\$ 9,265.00		\$ 1,635.00	
2	TRAFFIC CONTROL	1	LS	\$ 2,000.00	\$ 2,000.00	\$ -		\$ 1,700.00		\$ 300.00	
3	CONSTRUCTION SURVEY	1	LS	\$ 4,000.00	\$ 4,000.00	\$ -		\$ 3,400.00		\$ 600.00	
4	TOPSOIL - STRIP, STOCKPILE, & RESPREAD	300	CY	\$ 15.00	\$ 4,500.00	\$ -		\$ 3,825.00		\$ 675.00	
5	UNCLASSIFIED EXCAVATION	300	CY	\$ 12.00	\$ 3,600.00	\$ -		\$ 3,060.00		\$ 540.00	
6	EROSION CONTROL (SILT FENCE)	400	LF	\$ 5.00	\$ 2,000.00	\$ -		\$ 1,700.00		\$ 300.00	
7	SUBGRADE PREPARATION	1285	SY	\$ 3.00	\$ 3,855.00	\$ -		\$ 3,276.75		\$ 578.25	
8	GRANULAR BASE, 6"	1285	SY	\$ 12.00	\$ 15,420.00	\$ -		\$ 13,107.00		\$ 2,313.00	
9	6" PCC PAVING	1240	SY	\$ 55.00	\$ 68,200.00	\$ -		\$ 57,970.00		\$ 10,230.00	
10	AIRFIELD PAINTING-WHITE/YELLOW, W/BEADS	315	SF	\$ 10.00	\$ 3,150.00	\$ -		\$ 2,677.50		\$ 472.50	
11	AIRFIELD PAINTING-BLACK	630	SF	\$ 5.00	\$ 3,150.00	\$ -		\$ 2,677.50		\$ 472.50	
12	SEEDING AND FERTILIZING / MULCHING	0.3	ACRES	\$ 5,000.00	\$ 1,500.00	\$ -		\$ 1,275.00		\$ 225.00	
					\$ -	\$ -		\$ -		\$ -	
				Subtotal	\$ 122,275.00	\$ -		\$ 103,933.75		\$ 18,341.25	
				PROJECT DEVELOPMENT / SCOPING	\$ 1,000.00	\$ -		\$ 850.00		\$ 150.00	
				DESIGN ENGINEERING (10%)	\$ 12,200.00	\$ -		\$ 10,370.00		\$ 1,830.00	
				CONSTRUCTION ENGINEERING (10%)	\$ 12,200.00	\$ -		\$ 10,370.00		\$ 1,830.00	
				GRANT ADMINISTRATION	\$ 3,000.00	\$ -		\$ 2,550.00		\$ 450.00	
				ESTIMATED CITY ADMINISTRATION	\$ 1,000.00	\$ -		\$ 850.00		\$ 150.00	
				TAXILANE WIDENING	\$ 151,700.00	\$ -		\$ 128,945.00		\$ 22,755.00	



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**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, Inc.

Sponsor's email jroyal-goodwin@muscatineiowa.gov

Date prepared May 2021

Sponsor's signature _____

Sponsor's phone 563-262-4141

Printed name Jodi Royal-Goodwin

FY	Detailed project/scope description	Funding source	Total estimated cost
2022	Widen Taxilane	Federal \$0 State \$128,945 Local \$22,755 Total \$151,700	
2022	Snow Removal Equipment (Federally Funded)	Federal \$189,000 State \$0 Local \$21,000 Total \$210,000	
2022	Upgrade Fuel Facility	Federal \$0 State \$150,000 Local \$50,000 Total \$200,000	
2023	Airport Security Cameras and Lighting	Federal \$0 State \$510,000 Local \$90,000 Total \$600,000	
2025	Construct SRE Building (Federally Funded)	Federal \$574,740 State \$0 Local \$63,860 Total \$638,600	

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 project (Widen Taxilane) is located within the confines of the Muscatine Municipal Airport property boundaries. The Muscatine Municipal Airport is a publicly owned facility. The purpose of the proposed improvements is to benefit all users of the airport facility (including minority persons). There is no indication that proposed improvements 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 Jodi Royal-Goodwin

Title Community Development Director

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 7, 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, transsexualism, 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.