

COUNCIL ACTION FORM

**SUBJECT: STATE OF IOWA GENERAL AVIATION VERTICAL INFRASTRUCTURE
GRANT APPLICATION**

BACKGROUND:

The City's 2015-2020 Capital Improvements Plan (CIP) includes a project to construct a new terminal building, attached hangar, and related site improvements at the Municipal Airport. The total project budget is \$2,410,000, which includes \$867,000 in General Obligation (G.O.) Bonds, \$943,000 in revenue abated bonds, \$150,000 in a State of Iowa vertical infrastructure grant, and \$450,000 in federal funds.

On February 24, 2015, the City Council approved an architectural and engineering services agreement with Bolton and Menk of Ames, Iowa. As part of that service agreement, the consultant was to generate a grant application for the annual State of Iowa General Aviation Vertical Infrastructure (GAVI) grant program. The maximum grant funding is set by the Iowa Department of Transportation and typically is \$150,000. A requirement of the application for State funds is that the sponsoring agency provide a resolution endorsing the project and certifying the availability of the matching funds. The required matching funds for \$150,000 is \$22,500 (15%), and the local funding of \$1,810,000 in G.O. Bonds far exceeds that threshold.

The 2015/16 CIP's Airports Improvements program also includes a minor maintenance project to rehabilitate a small section of taxiway towards the southern end of the main Runway 01/19 that has significantly deteriorated over the last season. The total cost for this improvement is \$222,000. Of this amount, \$150,000 will come from the State's development grant program, and \$72,000 will come from the Airport Construction Fund. Again, these local funds exceed the minimum 15% match.

ALTERNATIVES:

1. Approve the attached State of Iowa grant application, thereby endorsing the Ames Terminal Building and Hangar project and the Runway 01/19 Taxiway Rehabilitation, and certifying the availability of local matching funds for both projects.
2. Direct staff to seek alternative funding sources for these projects.

MANAGER'S RECOMMENDED ACTION:

These aviation grants were planned for during development of the Airport improvements financial plan. Approving these grants will ensure that the funding is received and the projects are able to move forward without delay. Therefore, it is the recommendation of the City Manager that the City Council approve Alternative No. 1 as stated above.

AIRPORT STATE FUNDING APPLICATION CHECKLIST

Fiscal Year 2016

Please attach the following documents with your application:

- Funding Application and 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
- 5-year Capital Improvement Program (CIP)
- Verification that project is identified in a current ALP on file with the Office of 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 the Office of 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) _____
- Verification that you have either updated the www.basedircraft.com website or submitted based aircraft N- numbers to the Office of Aviation.
- Minority Impact Statement

Send 1 **signed** copy of the application materials to the address listed below.

Please mail, FAX, or email signed application to:

Iowa Department of Transportation
Office of Aviation
800 Lincoln Way
Ames, Iowa 50010

ATTN: Program Specialist
email: Kristopher.Klop@dot.iowa.gov
515-239-1048 (questions)
FAX: 515-233-7983

AIRPORT STATE FUNDING APPLICATION

Fiscal Year 2016

Airport Name: Ames Municipal Airport

Airport Sponsor Name: City of Ames, Iowa

Contact Person: Damion Pregitzer Title: Traffic Engineer

Complete Mailing Address: 515 Clark Ave

Ames IA 50010 Daytime Phone: 515-239-5160
City State Zip Code

Email Address: dpregitzer@city.ames.ia.us FAX Number: 5152395404

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
Terminal Site Work	GAVI	\$2,410,000	\$150,000	6.2%
Taxiway A Rehabilitation	Development	\$222,000	\$150,000	67.6%

Windssocks – Orders may be placed using this form or by calling 515-239-1468	Indicate quantity needed:
	<input type="text"/> 18" x 96" <input type="text"/> 36" x 144"

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 Representative
Damion Pregitzer
Typed Name

Traffic Engineer
Title
4/28/2015
Date

Please mail, FAX, or email application to:

Iowa Department of Transportation
Office of Aviation
800 Lincoln Way
Ames, Iowa 50010

ATTN: Program Specialist
email: Kristopher.Klop@dot.iowa.gov
515-239-1048 (questions)
FAX: 515-233-7983

FIVE-YEAR AIRPORT CAPITAL IMPROVEMENT PROGRAM (CIP)

Airport Name: Ames Municipal Airport

Telephone: 515-239-5275

Prepared By: Damion Pregitzer

E-mail Address: dpregitzer@city.ames.ia.us

Date Prepared: March 2015


Date Approved: _____

Project Description	Funding Source	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Terminal Site Work	Federal	\$ 450,000	\$	\$	\$	\$
	State	\$ 150,000	\$	\$	\$	\$
	Local	\$ 1,810,000	\$	\$	\$	\$
	Total	\$ 2,410,000	\$	\$	\$	\$
Taxiway A Rehab	Federal	\$	\$	\$	\$	\$
	State	\$ 150,000	\$	\$	\$	\$
	Local	\$ 72,000	\$	\$	\$	\$
	Total	\$ 222,000	\$	\$	\$	\$
Masterplan	Federal	\$	\$ 149,400	\$	\$	\$
	State	\$	\$	\$	\$	\$
	Local	\$	\$ 16,600	\$	\$	\$
	Total	\$	\$	\$	\$	\$
Runway Extension Justification Report	Federal	\$	\$	\$	\$	\$
	State	\$	\$	\$	\$	\$
	Local	\$	\$ 14,000	\$	\$	\$
	Total	\$	\$ 14,000	\$	\$	\$
Runway 01/19 - 2000' Extension EA	Federal	\$	\$	\$ 90,000	\$	\$
	State	\$	\$	\$	\$	\$
	Local	\$	\$	\$ 10,000	\$	\$
	Total	\$	\$	\$ 100,000	\$	\$
	Federal	\$	\$	\$	\$	\$
	State	\$	\$	\$	\$	\$
	Local	\$	\$	\$	\$	\$
	Total	\$	\$	\$	\$	\$

AIRPORT STATE FUNDING APPLICATION PROJECT DATA SHEET

Fiscal Year 2016

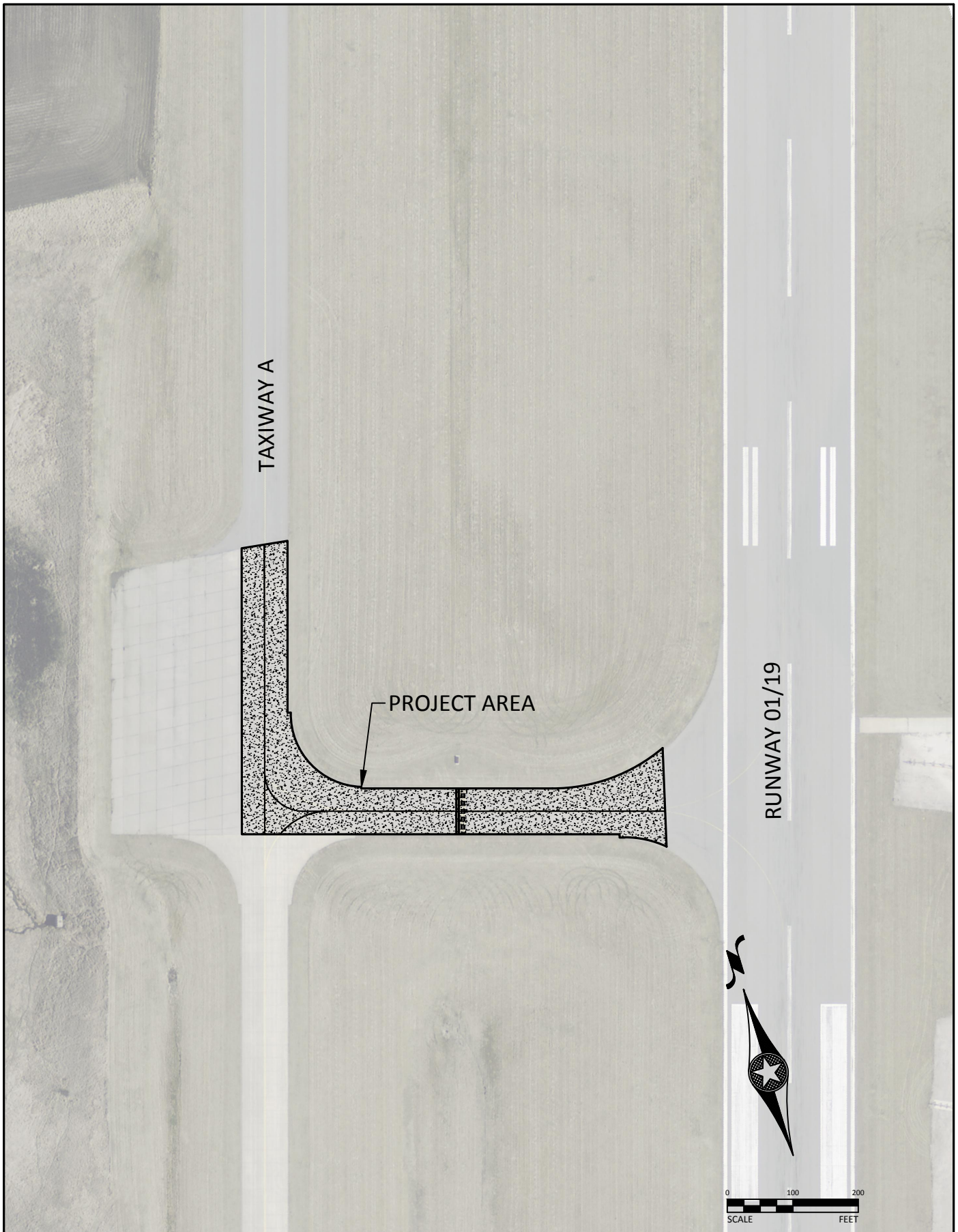
Submit a separate data sheet for each project.

Airport	Ames Municipal Aiport	Date	4/28/2015
Project Type (check only one)	<input type="checkbox"/> Airfield <input type="checkbox"/> Security <input type="checkbox"/> Planning <input type="checkbox"/> Airport Signage <input checked="" type="checkbox"/> Pavement Maintenance <input type="checkbox"/> Vertical Infrastructure		
Project Description	Rehabilitate a portion of Taxiway A to replace deteriorated concrete pavement that is suffering from D-Cracking.		
Sketch	Attach separate sketch from ALP if applicable.		
Project Justification (include detailed information and data to support need.)	The existing concrete pavement is severely suffering from D-Cracking resulting in pavement failures. The pavement areas have received a PCI rating as low as 34. The affected areas are deteriorating quickly, causing several instances of severe FOD on the taxiway. The City of Ames public works department has cold patched the area several times in an attempt to slow the deterioration. The area has reached a point where it is considered a danger to all aircraft.		
Detailed Cost Estimate (Attach separate sheet if necessary.)	See Attached Sheet		
	Total Project Cost:	\$222,000	(%)
	Local Share:	\$72,000	(%)
	Requested State Share:	\$150,000	(%)
Sponsor Signature 		Sponsor Title Traffic Engineer	

Please mail, FAX, or email signed application to:

Iowa Department of Transportation
Office of Aviation
800 Lincoln Way
Ames, Iowa 50010

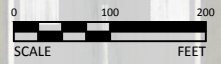
ATTN: Program Specialist
email: Kristopher.Klop@dot.iowa.gov
515-239-1048 (questions)
FAX: 515-233-7983



TAXIWAY A

PROJECT AREA

RUNWAY 01/19



BOLTON & MENK, INC.
Consulting Engineers & Surveyors

MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN BURNSVILLE, MN WILLMAR, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BAXTER, MN ROCHESTER, MN
 AMES, IA SPENCER, IA DES MOINES, IA FARGO, ND

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AMES MUNICIPAL AIRPORT
TAXIWAY A REHABILITATION
PROJECT LAYOUT

MARCH, 2014

FIGURE NO. 1



**AMES MUNICIPAL AIRPORT
TAXIWAY A REHABILITATION**

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21-Apr-15

OPINION OF PROBABLE COST

ITEM NO.	ITEM	UNIT	TOTAL	UNIT PRICE	TOTAL
1	MOBILIZATION	LS	1	\$8,039.00	\$8,039.00
2	TRAFFIC CONTROL	LS	1	\$5,000.00	\$5,000.00
3	PAVEMENT REMOVAL	SY	2,189	\$10.00	\$21,890.00
4	UNCLASSIFIED EXCAVATION	CY	783	\$10.00	\$7,830.00
5	SUBGRADE PREP	SY	2,348	\$3.00	\$7,044.00
6	FLYASH	TON	80	\$100.00	\$8,000.00
7	6" AGGREGATE BASE COURSE	SY	2,348	\$9.00	\$21,132.00
8	9" PCC PAVEMENT	SY	2,107	\$45.00	\$94,815.00
9	YELLOW PAVEMENT MARKING	SF	400	\$2.50	\$1,000.00
10	BLACK PAVEMENT MARKING	SF	800	\$2.50	\$2,000.00
11	SEEDING	ACRE	0.5	\$2,500.00	\$1,250.00

SUBTOTAL:	\$178,000.00
CONTINGENCY 10%:	\$18,000.00
ENGINEERING & CONSTRUCTION ADMINISTRATION	\$26,000.00
ESTIMATED COST OPINION:	\$222,000.00

AIRPORT STATE FUNDING APPLICATION PROJECT DATA SHEET

Fiscal Year 2016

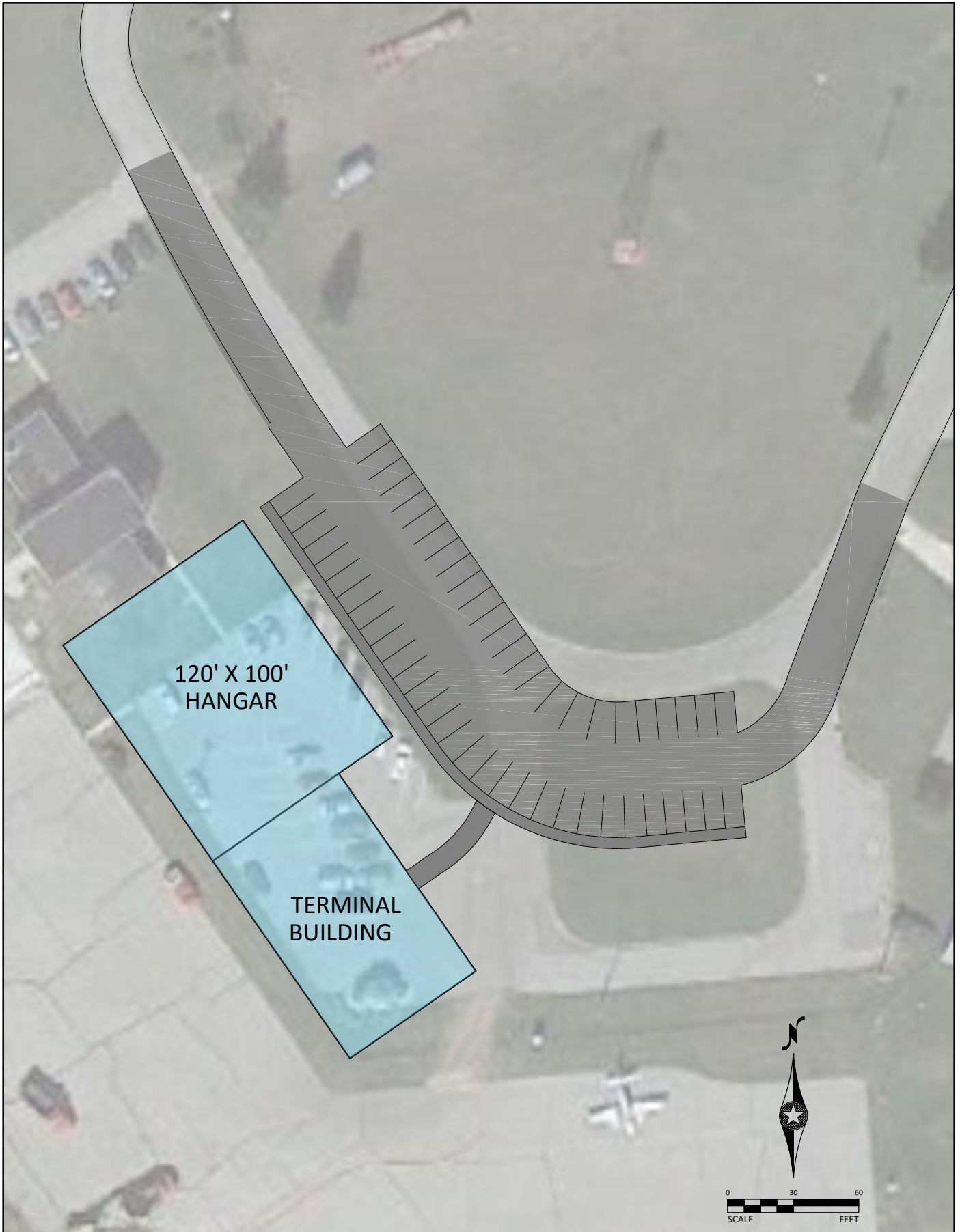
Submit a separate data sheet for each project.

Airport	Ames Municipal Aiport	Date	4/28/2015
Project Type (check only one)	<input type="checkbox"/> Airfield <input type="checkbox"/> Security <input type="checkbox"/> Planning <input type="checkbox"/> Airport Signage <input type="checkbox"/> Pavement Maintenance <input checked="" type="checkbox"/> Vertical Infrastructure		
Project Description	Site Improvements for a new terminal building to be built in 2016. Improvements will include a new parking lot, storm sewer, sanitary sewer, watermain, electrical vault and regulators.		
Sketch	Attach separate sketch from ALP if applicable.		
Project Justification (include detailed information and data to support need.)	A new terminal building will be built in 2016 and in order to make this happen, site improvements need to be made.		
Detailed Cost Estimate (Attach separate sheet if necessary.)	See Attached Sheet		
	Total Project Cost:	\$2,410,000	(%)
	Local Share:	\$1,810,000	(%)
	Requested State Share:	\$150,000	(%)
Sponsor Signature	DiPiero		Sponsor Title Traffic Engineer

Please mail, FAX, or email signed application to:

Iowa Department of Transportation
Office of Aviation
800 Lincoln Way
Ames, Iowa 50010

ATTN: Program Specialist
email: Kristopher.Klop@dot.iowa.gov
515-239-1048 (questions)
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BOLTON & MENK, INC.

Consulting Engineers & Surveyors

MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN BURNSVILLE, MN WILLMAR, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BAXTER, MN ROCHESTER, MN
 AMES, IA SPENCER, IA DES MOINES, IA FARGO, ND

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**AMES MUNICIPAL AIRPORT
 AMES TERMINAL SITE LAYOUT
 PROJECT LAYOUT**

MARCH, 2015

FIGURE NO.



**CITY OF AMES, IOWA
TERMINAL BUILDING DEMO & PARKING LOT**

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21-Apr-15

OPINION OF PROPABLE COST

ITEM NO.	ITEM	UNIT	TOTAL	UNIT PRICE	TOTAL
1	TRAFFIC CONTROL	LS	1	\$5,000.00	\$5,000.00
2	MOBILIZATION	LS	1	\$60,000.00	\$60,000.00
3	TOPSOIL, ON-SITE (STRIP, STOCKPILE, AND RESPREAD)	CY	800	\$15.00	\$12,000.00
4	EXCAVATION, CLASS 10, CLASS 12, OR CLASS 13	CY	2,000	\$12.00	\$24,000.00
5	SUBGRADE PREPARATION	SY	3,000	\$4.00	\$12,000.00
6	AGGREGATE BASE	SY	3,000	\$10.00	\$30,000.00
7	PAVEMENT, PCC - PARKING	SY	2,600.0	\$55.00	\$143,000.00
8	SIDEWALK, PCC	SY	230.0	\$45.00	\$10,350.00
9	PAVEMENT REMOVAL	SY	4,625.0	\$10.00	\$46,250.00
10	SANITARY SEWER	LF	600.0	\$55.00	\$33,000.00
11	SANITARY SEWER MANHOLE	EA	3.0	\$2,500.00	\$7,500.00
12	STORM SEWER	LF	400.0	\$50.00	\$20,000.00
13	STORM SEWER INTAKE	EA	6.0	\$2,500.00	\$15,000.00
14	WATERMAIN	LF	550.0	\$50.00	\$27,500.00
15	WATERMAIN - HYDRANT	EA	2.0	\$1,500.00	\$3,000.00
16	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, AND MULCHING	AC	1.0	\$2,500.00	\$2,500.00
17	SILT FENCE OR SILT FENCE DITCH CHECK	LF	500.0	\$3.00	\$1,500.00
18	RELOCATE GAS LINES	LS	1.0	\$10,000.00	\$10,000.00
19	RELOCATE COMMUNICATIONS (PHONE, FIBER)	LS	1.0	\$10,000.00	\$10,000.00
20	NEW ELECTRICAL VAULT BUILDING AND EQUIPMENT	EA	1.0	\$50,000.00	\$50,000.00
21	CAN PLAZA FOR RELOCATED AIRSIDE ELECTRICAL	EA	1.0	\$8,000.00	\$8,000.00
22	ELECTRICAL RUNS (CONDUIT, CABLE, HANDHOLES)	LS	1.0	\$10,000.00	\$10,000.00
23	NEW REGULATORS (3)	EA	3.0	\$10,000.00	\$30,000.00
24	UTILITY EXTENSIONS TO HANGAR	LS	1.0	\$15,000.00	\$15,000.00
25	SUBDRAINS AND ROOF DRAINAGE PIPING	LF	600.0	\$15.00	\$9,000.00
26	SUBDRAIN CLEANOUTS	EA	12.0	\$450.00	\$5,400.00

SUBTOTAL:	\$600,000.00
CONTINGENCY 10%:	\$60,000.00
ENGINEERING & CONSTRUCTION ADMIN	\$132,000.00
HANGAR BUILDING	\$1,618,000.00
ESTIMATED COST OPINION:	\$2,410,000.00

MINORITY IMPACT STATEMENT

Pursuant to 2008 Iowa Acts, HF 2393, Iowa Code Section 8.11, all grant applications submitted to the state of Iowa that are due beginning January 1, 2009 shall include a Minority Impact Statement. This is the state's mechanism for requiring grant applicants 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 group is 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 group is 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. Grant proceeds, if awarded, will be used to repair a portion of the parallel taxiway A and to construct a new terminal building. The Ames Municipal Airport is a general use airport, available for use by the public. The proposed projects will not affect the availability of the airport to be used by any an all citizens on an equal basis, regardless or majority and/or minority status.

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

Name: D. Dyer 4/28/2015

Title: Traffic Engineer

Definitions

"Minority Persons," as defined in Iowa Code Section 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 Section 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 Section 8.11, means a department, board, bureau, commission, or other agency or authority of the state of Iowa.