

AIP Grant Application Checklist

AIRPORT NAME: Princeton Municipal Airport **DATE:** 4/5/22

SYSTEM FOR AWARD MANAGEMENT (SAM) CAGE CODE #: 6TCT5

SYSTEM FOR AWARD MANAGEMENT (SAM) EXPIRATION DATE: 01/04/2023

This checklist (and attached instructions) is a tool to assist a grantee (airport sponsor) in identifying the requirements and considerations associated with preparing an Airport Improvement Program (AIP) grant application package for submittal to the FAA. Airport sponsors should read and consider each of the items carefully. **Some of the items can be answered by simply checking the "Yes" and "No" boxes while others require providing additional information as part of the airport's request for AIP funds.**

Ref.		Yes	No	N/A	Comments Attached
ITEMS REQUIRED TO COMPLETE APPLICATION REVIEW:					
1.	Standard Form 424 <i>(signed)</i>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>
2.	Project Cost Breakdown <i>(attached)</i>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
3.	Project Sketch <i>(at the request of the ADO)</i>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
4.	Project Narrative <i>(attached or within Form 5100-100/101 Part IV)</i>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
5.	Form 5100-100 (parts II – IV) <i>(airport development grants)</i> Form 5100-101 (parts II- IV) <i>(planning grants)</i>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
6.	Bid Tabulations/Negotiated Amounts <i>(attached or previously submitted to the ADO)</i>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>
7.	Exhibit A <i>(attached or previously submitted to the ADO)</i>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>
8.	Title Certificate or Long Term Lease Agreement <i>(at the request of the ADO)</i>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="checkbox"/>

Notes:

Item 1: Standard Form 424 will be prepared by MnDOT.

Item 7. Exhibit A on file with FAA ADO.

Item 8. A Title Certificate or Long Term Lease Agreement is not required for this project.

Project Narrative (Justification)
2022 FAA Grant Application
Princeton Municipal Airport (PNM)

Project Item

Targeted Planning Study and ALP Update

What is the Project?

This project is to update the ALP and Exhibit A sheets, with a supporting planning narrative, for the replacement and siting of the AWOS. Also included is a cultural survey and wetland delineation.

Why is the Project Needed Now?

The existing AWOS at Princeton Municipal Airport (PNM) is a certificated AWOS-III system which is owned by the state of Minnesota. The equipment has exceeded it's useful life by 5 years and MnDOT is no longer able to acquire the parts for the unit. In addition, its location does not meet current siting standards outlined in Order JO 6560.20C, meaning a replacement unit would need to be repositioned to meet these standards.

The current ALP approved in 2018 depicts the future AWOS to be located approximately 700 feet SW of Runway 34 threshold. However, this location is also outside of the siting criteria, so the ALP needs to be updated to reflect a new location. The proposed project would review siting options, select a future location and depict it on an updated ALP to allow the replacement and relocation of the AWOS to progress.

Project Item

Replace Airport Rotating Beacon and Beacon Tower & Foundation

What is the Project?

The project is for replacement of the existing Airport Rotating Beacon and Beacon Tower & Foundation. Also included is Environmental, Design, Bidding, Construction Administration & Observation and FAA Project Closeout Services.

Why is the Project Needed Now?

The airport has been experiencing ongoing problems with the rotating beacon in the last couple of years, needing to perform repairs on 6+ different occasions. The City has had trouble finding parts to repair the unit due to the age which is estimated to be close to 40 years old (best estimate is the beacon was originally installed in 1983). The existing beacon tower has been deemed a safety hazard and the only way the City will work on the beacon is by using the ladder truck from the fire department. The proposed project would install a new airport rotating beacon on a new tip down pole and foundation.

Total AIP Funds Expended?

\$150,000

Additional AIP Funds Needed to Complete Project?

\$37,200 (Anticipated to be transferred from Eveleth-Virginia Municipal Airport)

PROJECT COST BREAKDOWN
REPLACE AIRPORT ROTATING BEACON & TARGETED PLANNING STUDY/ALP UPDATE
PRINCETON MUNICIPAL AIRPORT (PNM) - PRINCETON, MN
FEDERAL FISCAL YEAR 2022 GRANT APPLICATION

ID	UNIT OF WORK	COSTS			FUNDING		
		TOTAL COST	AIP ELIGIBLE PERCENTAGE*	AIP ELIGIBLE COST	FAA	STATE AIP	SPONSOR
1	ADMINISTRATIVE				90.0%	5.0%	5%
	Administration & Legal Advertisement	\$ 2,821.99	100.0%	\$ 2,821.99	\$ 2,539.79	\$ 141.10	\$ 141.10
	Subtotal Administrative	\$ 2,821.99	100.0%	\$ 2,821.99	\$ 2,539.79	\$ 141.10	\$ 141.10
2	ENGINEERING/PLANNING						
	Beacon Design and Bidding	\$ 19,344.25	100.00%	\$ 19,344.25	\$ 17,409.83	\$ 967.21	\$ 967.21
	Beacon Construction Administration and Observation	\$ 15,095.90	100.00%	\$ 15,095.90	\$ 13,586.31	\$ 754.80	\$ 754.80
	Preliminary Planning (Including Amendment)	\$ 9,709.12	100.00%	\$ 9,709.12	\$ 8,738.21	\$ 485.46	\$ 485.46
	Targeted Planning and ALP Update (Including Amendment)	\$ 76,661.38	100.00%	\$ 76,661.38	\$ 68,995.24	\$ 3,833.07	\$ 3,833.07
	FAA Project Closeout Report	\$ 3,270.36	100.00%	\$ 3,270.36	\$ 2,943.32	\$ 163.52	\$ 163.52
	Subtotal Engineering/Planning	\$ 124,081.01	100.00%	\$ 124,081.01	\$ 111,672.91	\$ 6,204.05	\$ 6,204.05
3	CONSTRUCTION						
	Replace Airport Rotating Beacon (Design Electric)	\$ 81,097.00	100.00%	\$ 81,097.00	\$ 72,987.30	\$ 4,054.85	\$ 4,054.85
	Subtotal Construction	\$ 81,097.00	100.00%	\$ 81,097.00	\$ 72,987.30	\$ 4,054.85	\$ 4,054.85
	TOTAL	\$ 208,000.00	100.00%	\$ 208,000.00	\$ 187,200.00	\$ 10,400.00	\$ 10,400.00
		Available FAA Entitlement Funding		\$ 150,000.00	90.0%	5.0%	5.0%
		Borrow FAA Entitlements from Eveleth-Virginia Airport Authority		\$ 37,200.00			

*FAA funding eligibility subject to change



DESIGNED	KWY
REVIEWED	KWY
PROJECT NUMBER	182522
DATE	03/17/2022

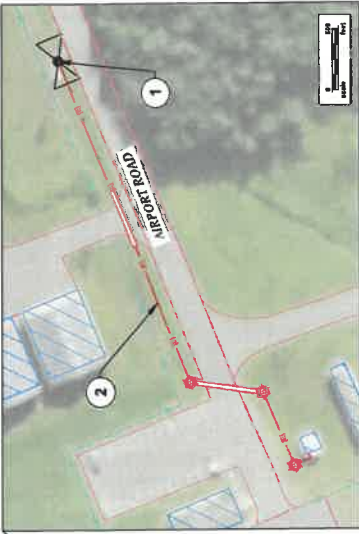
NOTE: THIS SHEET IS TO BE PRINTED IN COLOR.

BENCH MARK LIST		
NO.	DESCRIPTION	ELEVATION
1	CP	888.867
2	CP	878.000

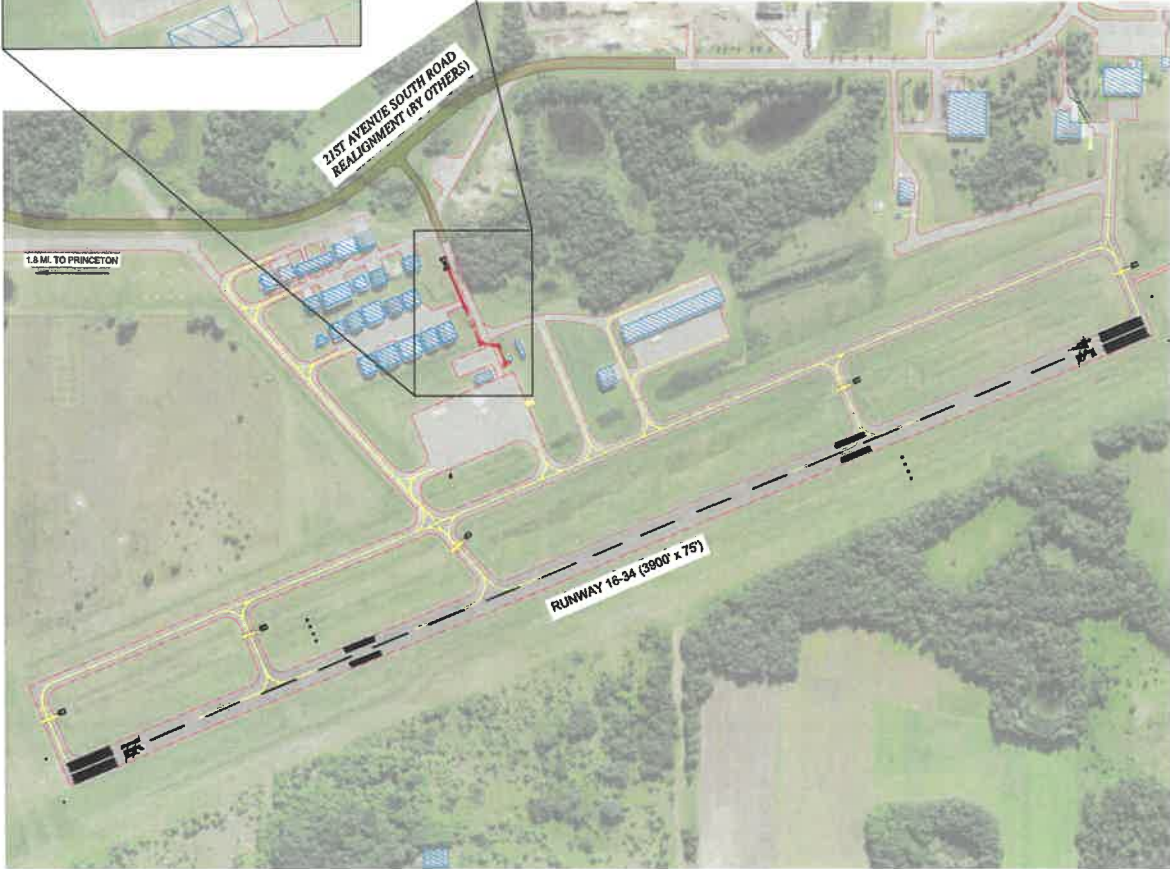
NOTE: CONTRACTOR SHALL FIELD VERIFY ALL CONTROL POINTS AT START OF PROJECT.

PROJECT WORK DESCRIPTION

- 1 REMOVE & REPLACE AIRPORT ROTATING BEACON, BEACON TOWER, AND BEACON FOUNDATION
- 2 INSTALL NEW UNDERGROUND POWER FROM THE BEACON TO THE ELECTRICAL VAULT



NOTE: C.P. 2 LOCATED NORTH OF 1ST STREET



1.8 MI. TO PRINCETON

RUNWAY 16-34 (3900' x 75')

21ST AVENUE SOUTH ROAD
REALIGNMENT (BY OTHERS)