

**TEN YEAR ACIP
FOR
PADGHAM FIELD**

CITY OF ALLEGAN, MI

**December 2, 2011
2060790**

2012 FUEL SYSTEM IMPROVEMENTS

The sponsor wishes to install an automated credit card fuel dispensing system to replace an aging existing manual system.

Cost Estimate

Automated fuel system	\$60,000
Engineering	<u>\$10,000</u>
Total	\$70,000
Federal	\$66,500
State	\$1,750
Local	\$1,750

2012 T-HANGAR DESIGN

The Sponsor wishes to complete the design for the ten-unit T-hangar to be constructed in 2013.

Cost Estimate

Engineering	\$20,000
Federal	\$19,000
State	\$500
Local	\$500

2013 T-HANGAR (Phase 1)

The Sponsor wishes to begin the process of replacing an existing 16-unit T-hangar building with a new 10 unit hangar building. The existing 16-unit hangar building is very old and in poor condition (see photos), and has an expected remaining life of five years or less. The ALP has identified space adjacent to the newer T-Hangars for an additional building outside the BRL. The new hangars would have electric bi-fold doors, and space would be provided on one end for a larger aircraft.

Cost Estimate

T-Hangar & site work	\$360,000
Construction Engineering	<u>\$ 15,000</u>
Total	\$375,000
Federal	\$356,250
State	\$9,375
Local	\$9,375



Existing Hangar Conditions



West Hangar Elevation



Existing Door Condition



Southwest Hangar Siding



Southwest Hangar Door Interior



East Hangar Elevation



Southeast Corner Hangar



South Hangar Exterior



North Side Hangar Door



Leaking Walls and Door



2016 T-HANGAR (Phase 2)

The Sponsor expects demand for hangar space will require additional units to be constructed by this time to replace the old T-hangars that will be demolished and satisfy additional demand. Location of this ten unit building may be either where the old T-hangar building is currently located or east of 29th Street.

Cost Estimate

T-hangar Bldg. & site work	\$355,000
Engineering	<u>\$40,000</u>
Total	\$395,000

Federal	\$375,250
State	\$9,875
Local	\$9,875

2019

NEW TERMINAL BUILDING

The current terminal building is part of the existing FBO hangar. It lacks adequate office space, pilot lounge area, pilot flight planning area and meeting space. The Sponsor wishes to construct a modern, efficient terminal building along the north side of the existing parking lot adjacent to M-222.

Cost Estimate

Terminal Building	\$265,000
Engineering/Architecture	<u>\$35,000</u>
Total	\$300,000

Federal	\$285,000
State	\$7,500
Local	\$7,500

2021 ANIMAL CONTROL FENCING

Padgham Field is located adjacent to wooded areas along the south and east and a stream crosses just east of the main runway. Along with agricultural land to the east, this is prime habitat for deer which are regularly seen on the airport. The Sponsor wishes to construct a ten foot high fence around the perimeter of the airport to enhance safety. Security will also be improved by discouraging people from crossing the airport from residential areas to a recreation area south of the airport, and by providing gated access to hangars.

Cost Estimate

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Price</u>	<u>Amount</u>
Mobilization & General Condition	1	Lsum	\$5,000	\$5,000
Safety & Security	1	Lsum	\$1,000	\$1,000
10' Chain Link Fence	15,000	Lft	\$18	\$270,000
Clearing, Gates, Misc.	1	Lsum	\$44,000	\$44,000
		Total Construction		\$318,000
		Engineering		<u>\$32,000</u>
		Total		\$350,000
		Federal		\$332,500
		State		\$8,750
		Local		\$8,750

2022 TAXIWAY LIGHTS

Taxiways are currently marked by reflectors. If activity warrants, the Sponsor wishes to install medium intensity taxiway lights on all taxiways.

Cost Estimate

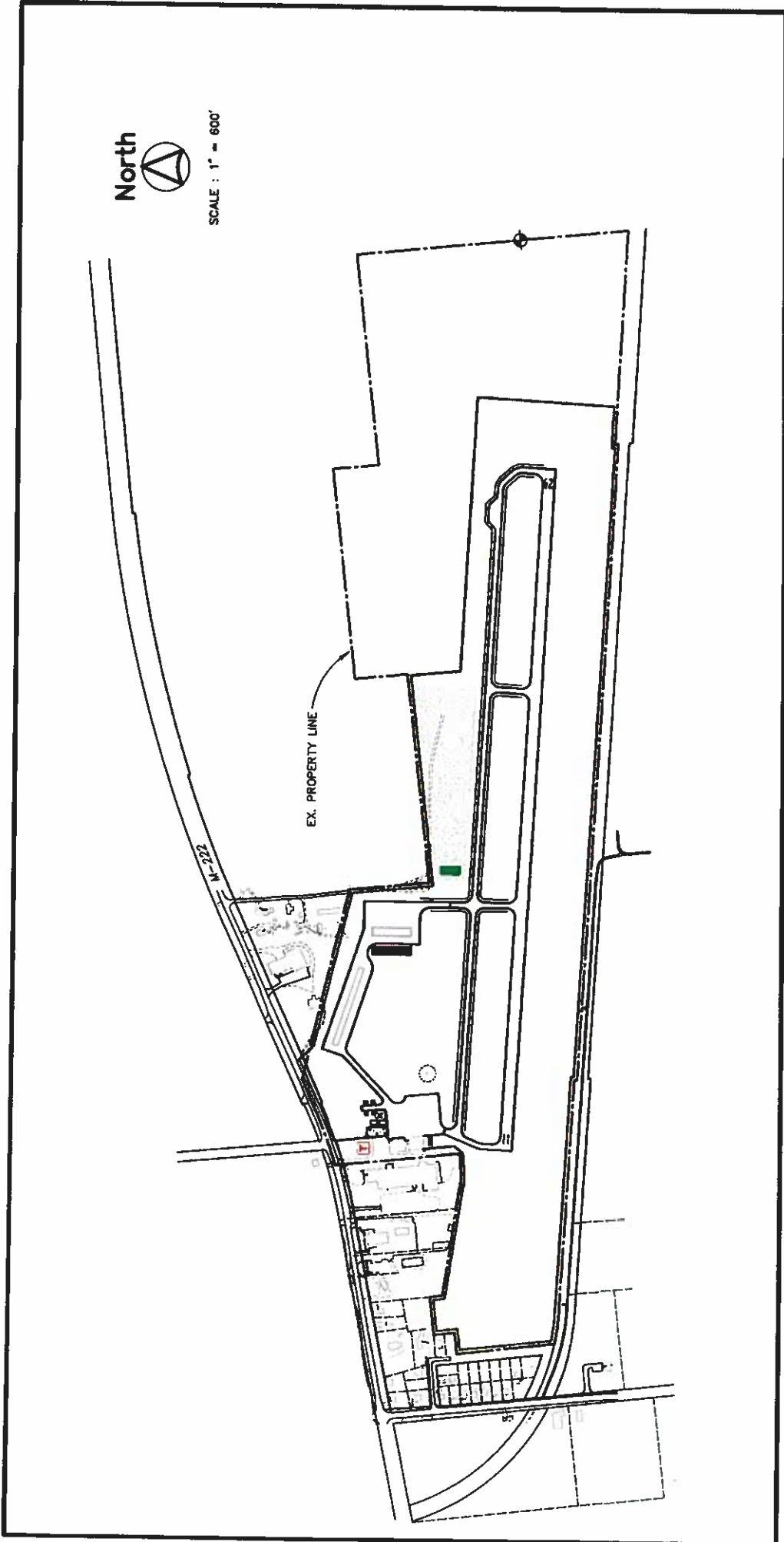
<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Price</u>	<u>Amount</u>
Mobilization & General Conditions	1	Lsum	\$5,000	\$5,000
Safety & Security	1	Lsum	\$2,000	\$2,000
Cable & Trench	10,000	Lft	\$4	\$40,000
MITL	120	each	\$550	\$66,000
Vault Equipment	1	Lsum	\$10,000	\$10,000
Guidance Signs	10	each	\$2,500	<u>\$25,000</u>
		Total Construction		\$148,000
		Engineering		<u>\$22,000</u>
		Total		\$170,000
		Fed		\$161,500
		State		\$4,250
		Local		\$4,250

2023 EXTEND RUNWAY 11/29 1,000 ft

The City's largest employer purchased a business jet that requires more runway length than currently available at Padgham Field. This corporation's headquarters is less than a mile from the airport. The City would like to extend the runway to accommodate the corporate jet and facilitate continued economic development in the area. No cost estimate has been prepared at this time.



SCALE : 1" = 600'



LEGEND

	2012 FUEL SYSTEM		2018 TERMINAL BUILDING
	2013 T-HANGARS		2021 ANIMAL CONTROL FENCE
	2016 T-HANGARS		2022 TAXIWAY LIGHTS
	2018 HANGAR SITE DEVELOPMENT		

PADGHAM FIELD
ALLEGAN, MICHIGAN
TEN-YEAR DEVELOPMENT PLAN
SITE MAP

Probst&Newkirk
2060790
OCTOBER 2011

Development Year	Project Description	On ALP**? (Y or N)	ACIP** Code	NPIAS** Priority Rating	Federal Entitlements	Federal Apportionment	Federal Discretionary	State	Local	Total	Remarks/Item Justification
2021	Animal Control Fencing	no	ST-EQ-SE	40	\$332,500			\$8,750	\$8,750	\$350,000	Safety and security.
2022	Light Taxiways	yes	ST-TW-LI	44	\$150,000		\$11,500	\$4,250	\$4,250	\$170,000	Improve visibility for night/low visibility operations.
2023	Extend Runway 11/29 1,000'	no	CA-RW-EX	53							Extend Runway 11/29 by 1,000 feet to accommodate aircraft owned by local businesses.

*Proposed airport development must be shown on current FAA-approved ALP prior to funding project.

**In accordance with FAA Order 5100.39A, Appendix 6 - Fields should be completed
(Refer to Airport Code spreadsheet provided on MDOT Aeronautics website under Block Grant Program for specific airport code)