

METROPOLITAN AIRPORT AUTHORITY of PEORIA



DRAFT CONDENSED **Environmental Assessment**

for the
Mt. Hawley Auxiliary Airport
Runway 18/36 North Extension

Prepared by:



CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS

August 2011



Illinois Department of Transportation
Division of Aeronautics



Federal Aviation Administration Great Lakes Region

and the



Illinois Department of Transportation Division of Aeronautics

Draft Condensed Environmental Assessment

The Condensed Environmental Assessment (Condensed EA) is appropriate for Great Lakes Region airport projects when a project:

- Cannot be Categorically Excluded (CATEX),
- Does not have significant impacts, and
- A detailed Environmental Assessment (EA) is not needed.

Proper completion of this document will allow the Federal Aviation Administration (FAA), and/or Illinois Department of Transportation-Division of Aeronautics (State Block Grant States), to determine whether the Condensed EA is appropriate for the proposed project and to support a Finding of No Significant Impact (FONSI).

Resource guidance used in preparation of this form comes from the FAA's Order 1050.1E, "Environmental Impacts: Policies and Procedures" or subsequent revisions. This order incorporates the Council on Environmental Quality's regulations for implementing the National Environmental Policy Act (NEPA), as well as the US Department of Transportation's environmental regulations (including FAA Order 5050.4B or subsequent revisions), and other federal statutes and regulations. Accordingly, this form is intended to meet the Federal regulatory requirements of an EA.

This format is appropriate if the proposed project's involvement with, or impacts to, extraordinary circumstances are not notable in number or degree and do not rise to the level of a full EA.

Consult with the FAA to determine if this form is appropriate for your project.

To complete this form, the preparer should describe the proposed project and provide information on any potential impacts of the proposed project. It will be necessary for the preparer to have knowledge of the environmental features of the airport. Although some of this information may be obtained from the preparer's own observations, environmental studies or other research may be necessary. Complete consultation with applicable Federal, state, and local resource agencies responsible for protecting specially protected resources prior to submitting this form to the FAA.

This form is not meant to be a stand-alone document. Rather, it is intended to be used in conjunction with the applicable orders, laws, and guidance documents, and in consultation with the appropriate resource agencies.

An appendix that contains all the figures, correspondence, and completed studies (or executive summaries of completed studies) should accompany the completed Condensed EA when submitted to the FAA and/or IDOT for final approval.

Draft Condensed Environmental Assessment

Project Location:

Airport Name:	Mt. Hawley Auxiliary Airport	Airport Identifier:	3MY
Address:	1320 West Bird Blvd.		
City:	Peoria	County:	Peoria
		State:	IL

Airport Sponsor Information:

Point of Contact:	Gene Olson		
Address:	6100 W. Everett McKinley Dirksen Parkway		
City:	Peoria	State:	IL
		61607	
Telephone Number:	(309) 697-8272		
Email:	golson@flypia.com		

Condensed EA Preparer Information:

Point of Contact:	Ambra Knox		
Address:	2750 West Washington Street		
City:	Springfield	State:	IL
		Zip Code:	62702
Telephone Number:	(217) 787-8050		
Email:	aknox@cmtengr.com		

Identify all Attachments to this Condensed EA:

Include aerial photos, maps, plans, correspondence, and completed studies (or executive summaries)

1. Sponsor's Proposed Action Exhibit
2. IDOT Project Justification Memo
3. Alternative Exhibit
4. IDOT/SHPO Coordination
5. USFWS Section 7 Consultation
6. IDNR – ECO CAT
7. USACE Coordination
8. USFWS Wetland Inventory Map
9. Floodplain Map

PART I - GENERAL PROJECT IDENTIFICATION

Purpose And Need:

Describe the problem that the project will address and the goals of the project.

The purpose of the Proposed Action is to provide additional runway length to meet the demand of users operating at the Mt. Hawley Auxiliary Airport. The existing runway length (3,600') currently limits some aircraft from operating fully loaded with passengers and/or fuel. In addition, some aircraft operators are restricted from operating with the current runway length due to internal company policies or insurance requirements. The increase of runway length to 4,000 feet will enhance this capability, especially during warm operating conditions which typically require additional runway length. The current length of Runway 18/36 accommodates 95% of the small aircraft (less than 10 seats) fleet mix.

Lastly, as evident from user surveys received during the 2007 Feasibility Study and from IFR and airport records, the Airport is experiencing an increasing number of small aircraft within the 100% small aircraft fleet mix. According to AC 15/5325-4B "Runway Length Requirements for

Airport Design,” the proposed runway extension would allow the Airport to accommodate 100% of the small aircraft (less than 10 seats) fleet mix and therefore provide a runway length that will meet the demands of the existing airport users.

Proposed Action (Preferred Alternative):

Describe the preferred alternative in detail, including how the project fits into the airport layout plan.

The Sponsor’s Proposed Action includes the following:

1. Construct, light and mark a 400’ x 60’ extension to Runway 18
2. Construct a taxiway turnaround to Runway 18 end
3. Relocate perimeter fencing
4. Install Runway End Identifier Lights (REILs) on Runway 18 end
5. Encase an underground high pressure gas pipeline

Note: All projects are depicted on the latest approved ALP. Please see the attached Memo from IDOT stating/agreeing that the proposed project is justified.

Other Alternatives Considered:

Describe alternatives considered, including the Do-Nothing Alternative

1. No Action (Do-Nothing) Alternative
2. 400’ Extension to the South

Explain in detail the reason for eliminating each non-preferred alternative.

1. **No Action:** This alternative does not meet the purpose and need for the project because it would not increase the viability of the Airport by providing additional runway length for aircraft currently flying into the Airport.
2. **400’ Extension to the South:** This option would require the acquisition of private property and buildings, including several businesses that would need to be relocated, to accommodate the extension. Please see the attached Alternative exhibit. However, a 400 foot extension to the north would not require acquisition of private property or the relocation of any businesses and would occur entirely on existing Airport property. Therefore, the 400’ extension to the south is dismissed as a viable alternative.

Airport Description:

Fill out the following information if the proposed project includes any changes to the existing airport design

	Existing	Proposed	Federally Owned
Runway	18/36	18/36	Not Applicable
Length	3,600 feet	4,000 feet	Not Applicable
Width	60 feet	60 feet	Not Applicable
Pavement Strength	12,500 Pounds SW	12,500 Pounds SW	Not Applicable
NAVAIDS			
	Beacon	Beacon	Airport Owned
	VOR	VOR	FAA Owned
	GPS	GPS	FAA Owned
	REILs	REILs	Airport Owned
	VASI	VASI	FAA Owned
Approach Minimums	1 mile	1 mile	Not Applicable

Critical Aircraft i.e. B-I	B-I	B-I	Not Applicable
RPZ Area:	250' x 450' 1,000'	250' x 450' 1,000'	Not Applicable

If the airport has multiple runways, this section should be filled out for each runway.

Remarks:

Not Applicable

Land Acquisition:

Land Use Types	Amount (acres)	
	Permanent	Easement
Residential		
Commercial		
Agricultural		
Forest		
Wetlands		
Other:		
TOTAL	0.0	0.0

Remarks:

Not Applicable

Project Schedule:

Discuss the proposed schedule for the project, including permits and construction.

FY 2012

Affected Environment:

Succinctly describe existing environmental conditions of the potentially affected area.

The Mt. Hawley Auxiliary Airport is located in the northern portion of the City of Peoria, Illinois, approximately 8 miles from the downtown area. The City of Peoria is located in the eastern portion of Peoria County. The Airport is within a largely developed area of commercial, industrial, and residential buildings. Some undeveloped area exists immediately west and north of the Airport, but is further bound by buildings and roadways. Of the undeveloped property, a large portion is currently used as open space by the Peoria Park District with a portion of the property north of the Airport available for commercial development. These areas are currently zoned for industrial/business park use.

PART II – ENVIRONMENTAL CONSEQUENCES

Air Quality:

	Yes	No
Is the project in an air quality nonattainment or maintenance area?	X	
If Yes, is the:		
Project listed on Presumed to Conform List		X
Project accounted for in State Implementation Plan	X	
Project emissions below applicable de minimis levels	X	
Does the project require an air quality analysis?		X
Does the project require an air quality analysis for construction impacts?		X

Remarks:

Mt. Hawley Auxiliary Airport is located in a Maintenance Area. Verbal guidance was provided at a meeting held in February 2008 with the Illinois Environmental Protection Agency (IEPA), the State agency responsible for developing Illinois' SIP. The purpose of this meeting was to discuss air quality related issues at Illinois airports, particularly the general aviation airports located within nonattainment and maintenance areas, to determine whether projected activity (operations and construction) at these airports could assume to be accounted for in the SIP and therefore are also presumed to be below *de minimis* levels. IEPA indicated that construction projects at all Illinois' general aviation airports, although not individually itemized, can assume to be accounted for in the Illinois SIP and below *de minimis* levels. Operational activity for the specific airports is also accounted for in the SIP.

Coastal Areas:

	Yes	No
Is the project located in a Coastal Barrier Resource System?		X
Is the project located in a Coastal Zone Management Program?		X
If Yes, Is a consistency finding required?		

Remarks:

Not Applicable

Compatible Land Use:

	Yes	No
Will proposed action comply with local/regional development patterns for the area?	X	
Is the proposed project located near or will it create a wildlife hazard as defined in FAA Advisory Circular 150/5200-33, "Wildlife Hazards on or Near Airports"?		X
Has coordination with USDA Wildlife Services occurred?		X
Is a Wildlife Assessment required?		X

Remarks:

The proposed projects would all occur on Airport owned property and will not change or affect the characteristics of the surrounding area.

Construction Impacts:

	Yes	No
Will construction of the proposed project:		
Increase ambient noise levels due to equipment operation?		X
Degrade local air quality due to dust, equipment exhaust, or burning debris?		X
Deteriorate water quality when erosion or pollutant runoff occur?		X
Disrupt off-site and local traffic patterns?		X

Remarks:

Ambient noise associated with equipment operation during the construction of the proposed project would be temporary and only occur during daylight hours. Dust and exhaust would be temporary and contained to the project site. All grading will ensure proper water drainage and utilize erosion control Best Management Practices (BMP's). in addition all contract documents concerning construction of the proposed airfield improvements shall incorporate, as appropriate, provisions of the Illinois Environmental Protection Agency (IEPA) Standards and Specifications for [Soil Erosion and Sediment Control](#) and the FAA Advisory Circular 150/5370-10A [Standards for Specifying Construction of Airports](#) These guidelines will be used to avoid and/or reduce potential degradation of local air and water quality that could result from construction.

Cultural Resources:

Results of Research:	Yes	No
Eligible or Listed Resources Present:		
Archaeology		X
History/Architecture		X

Project Effect:	Yes	N/A	SHPO/FAA Approval Dates
No Historic Properties Affected	X		08/15/2008
No Adverse Effect	X		08/15/2008
Adverse Effect		X	

Completed Documentation:	Yes	N/A	SHPO/FAA Approval Dates
Historic Properties Short Report:		X	
Historic Property Report		X	
Archaeological Records Check/ Review		X	
Archaeological Phase I Survey Report		X	
Archaeological Phase II Investigation Report		X	
Archaeological Phase III Data Recovery		X	
APE, Eligibility and Effect Determination		X	
Memorandum of Agreement		X	

Describe all efforts to document cultural resources using the categories outlined in the remarks box. Include any additional Section 106 work required, such as mitigation or deep trenching.

Remarks:

Area of Potential Effect (APE): [See Sponsor's Proposed Action Exhibit](#)
 Coordination with Consulting Parties: [Illinois Historic Preservation Agency \(IHPA\)](#) and [Illinois Department of Transportation, Bureau of Design and Environment, Chief Archaeologist.](#)

Archaeology: Review and determination of “No Effect” completed by Illinois Historic Preservation Agency
 Historic Properties: Review and determination of “No Effect” completed by Illinois Historic Preservation Agency
 Documentation, Findings: Determination of “No Effect” was issued on 08/15/2008
 Public Involvement: A public hearing will be held on September 15, 2011 to give the public a chance to review and ask questions on the contents of the Condensed EA and the project in general.
 Comment: None

Department of Transportation Section 4(f):

Does the project area contain:	Yes	No
Publicly owned Park/Recreation Areas?		X
Wildlife and/or Waterfowl Refuges?		X
Historic Properties?		X
Completed Documentation		
Individual Section 4(f) Evaluation		X
“De minimis” Impact		

FAA Approval

Only to be used for the following circumstances:

Historic Properties: project includes No Adverse Effect Finding with SHPO/THPO concurrence

Parks, Recreation Areas, or Wildlife/Waterfowl Refuges: project will not adversely affect activities, features, and attributes of the property and the official with jurisdiction concurs with the finding

Refers to Section 4(f) of the Department of Transportation Act (now 49 USC § 303). Discuss De minimis impacts below. Individual Section 4(f) documentation must be separate Draft and Final documents.

Remarks:

The proposed project will not require the use of any public parks, recreation areas, wildlife and/or waterfowl refuges or historic properties. The proposed project would take place on existing airport property.

Ecological Resources:

Biotic Resources

Describe the various types of flora (plants), fauna (fish, birds, reptiles, mammals, etc), and habitat located in the project area. Indicate if the project will have any impact on these species or their habitat.

Remarks:

The immediate project area consists of maintained turf which could likely support typical small rodents, snakes and insects. However, the proposed projects are not anticipated to have any impact on existing species.

Threatened or Endangered Species:

	Yes	No
Is the project within the known range of any federal species?	X	
Does the project area contain any critical habitat?		X
Is Section 7 formal consultation required for this action?		X
Are there any State threatened or endangered species in the area?		X

Remarks:

Although Threatened and Endangered species can be found within Peoria County, the project area would not likely support the proper habitat for any of the species listed. The proposed projects are not anticipated to have any impact on existing species. Please find attached a U.S. Fish & Wildlife Service “No Effect” Determination. In addition Illinois Department of Natural Resources EcoCat was completed and submitted. Illinois Department of Natural Resources terminated consultation “as adverse effects are unlikely”. This correspondence may be found in the attachments.

Energy and Natural Resources:

	Yes	No
Will the project result in energy impacts during or after construction?		X
Will demand exceed supply?		X
Are scarce or unusual materials required for the proposed project?		X
Will the project change existing aircraft fuel consumption?		X

Remarks:

The proposed project would not involve the use of any natural resources that would be considered to be in short supply.

Environmental Justice (EJ):

	Yes	No
Are any EJ populations located within the project area?		X
Will the project result in adversely high or disproportionate impacts to the EJ population?		X

Remarks:

The proposed projects would be located on existing airport property and, therefore, would not affect environmental justice populations.

Farmland:

	Yes	No
Will the project affect any Agricultural Lands?		X
NRCS-CPA-1006 Form score:		

Remarks:

The proposed project area is located on airport property that is currently within the corporate limits of the City of Peoria.

Floodplains:

	Yes	No
Is the project located in a FEMA designated floodplain?		X

Attach the corresponding FEMA Flood Insurance Rate Map (FIRM) or other documentation in the appendix.

Remarks:

See attached floodplain map.

Land and Water Conservation Fund Act Section 6(f):

	Yes	No
Are there areas acquired or improved with Land and Water Conservation Fund grant assistance?		X

Remarks:

Not Applicable.

Light Emissions and Visual Effects:

	Yes	No
Will the project result in airport-related lighting impacts?		X
Does the proposed project fit with the existing environment?	X	

Remarks:

The Proposed Project includes installing runway lights on the extension and taxiway lights on the turn-around. These lights will be similar to those already in operation at the Airport and are not anticipated to create any adverse impacts. In addition, the Proposed Project includes the installation of Runway End Identifier Lights (REILS) to Runway 18 end. These lights would be aimed to the north and are typically at an angle between 3 and 10 degrees. As the closest residences to the north are approximately one-half mile away and north of State Route 6, a heavily used interstate like roadway, the proposed REILs are not anticipated to have an adverse effect.

Noise:

	Yes	No
Will the project change the current noise levels?		X
Are there non-compatible land uses within the 65 DNL?		X
Will the project create temporary (less than 180 days) noise impacts?		X
Is a noise analysis required in accordance with FAA regulations?		X

Remarks:

No Noise Analysis is required for sponsor proposed actions involving Design Group I and II aircraft in Approach Categories A through D operating at airports where forecasted operations in the planning period do not exceed 90,000 annual propeller operations (247 average daily operations) or 700 jet operations (2 average daily operations). The forecast numbers found in the Airport Layout Plan Update for the 5 year planning period do not exceed these requirements therefore no noise analysis is required and no impact is anticipated.

Social Impacts:

	Yes	No
Will the proposed action result in the relocation people, businesses or farms?		X

Number of relocations: Residences:_____ Businesses:_____ Farms:_____ Other:_____

Remarks:

The Sponsor's Proposed Action does not include any land acquisition, relocation of residential dwellings, businesses or the use of relocation assistance.

Socioeconomic Impacts:

	Yes	No
Will the proposed action result in:		X
A change in business or economic activity in the project area?		X
An impact on local public service demands?		X
Induced/Secondary impacts?		X

Remarks:

The proposed project is not anticipated to significantly change the existing economic activity at the Airport or surrounding communities. Therefore, no adverse socioeconomic impacts are anticipated.

Solid and Hazardous Waste:

	Yes	No
Is there an Environmental Due Diligence Audit (EDDA) Phase I Report?		X
If Yes, is EDDA Phase II required/completed?		
If Yes, is EDDA Phase II required/completed?		
Does the project require the use of land that may be contaminated?		X
Will the proposed project generate solid waste?		X
If Yes, are local disposal facilities capable of handling the additional waste?		N/A

Remarks:

Not Applicable.

Water Quality:

	Yes	No
Streams, Rivers, Watercourses & Jurisdictional Ditches		
Are there Streams, Rivers, Watercourses or Ditches in/near the project area?		X
Is there any Wild, Scenic or Recreational Rivers in/near the project area?		X
Other Waters		
Are there any lakes or ponds in/near the project area?		X
Are there other surface/below surface waters in/near the project area?		X

Remarks:

There are no streams, rivers, watercourses or ditches in/near the project area. Therefore, impacts to water quality are not anticipated.

Wetlands:

	Yes	No
Are there wetlands in/near the project area?		X

Total Wetland Area: 0.0 Acre(s)

Total Wetland Area Impacted: 0.0 Acres(s)

Wetland No	Classification	Total Size (Acre)	Impacted Acres	Jurisdictional	Non-Jurisdictional	Comments

Completed Documentation	Yes	No
Wetland Delineation Report		X
Conceptual Mitigation Plan (see remarks)		X
Mitigation Available		X

Individual Wetland Finding- Alternatives that will not result in any wetland impacts are not practicable because such avoidance would result in (Mark all that apply and explain):

	Yes	No
Substantial adverse impacts to adjacent homes, business or other improved properties;		X
Substantially increased project costs;		X
Unique engineering, maintenance, or safety problems;		X
Substantial adverse social, economic, or environmental impacts, or		X
The project not meeting the identified needs		X

Discuss measures to avoid, minimize, and mitigate wetland impacts. Make sure to include mitigation ratios.

Remarks:

The proposed projects would not impact any wetland areas. See Correspondence with U.S. Army Corps of Engineers.

Cumulative Impacts:

	Yes	No
When considered together with other past, present, and reasonably foreseeable future development projects on or off the airport, would the proposed project produce a cumulative effect on any of the environmental impact categories above?		X

Remarks:

The proposed projects will not alter or affect the overall environment surrounding the Airport. The proposed projects are intended to enhance the viability of the Airport for current based and itinerant aircraft.

Part III – Permits, Mitigation, Coordination and Public Involvement

Permits/Mitigation:

Permits: List all required permits for the proposed project & indicate if any problems are anticipated in obtaining the permit.

Remarks:

NPDES Permit to satisfy Paragraph (x), Construction Activity of 40 CFR 122.26(b)(14). No issues are anticipated in obtaining this permit.

Mitigation: Describe all mitigation measures for the proposed project. Include any impacts that cannot be mitigated or those that cannot be mitigated below threshold levels. Also, provide a description of any resources that must be avoided during construction.

Remarks:

No known mitigation procedures are required.

Early Coordination:

List each agency coordinated with, the date coordination was sent, and if a response was received in the following table. Make sure to include a copy of the response in the appendix.

Resource Agency	Date ECL Sent	Date Response Received	Date Draft EA Sent	Date Response Received
U.S. Army Corps of Engineers	7/8/2011	07/21/2011	N/A	N/A
IDOT/SHPO	8/5/2008	8/15/2008	N/A	N/A
USFWS	7/11/2011	7/11/2011	N/A	N/A
IDNR	7/8/2011	7/8/2011	N/A	N/A

Remarks:

Not Applicable.

Public Involvement:

Some level of public involvement is encouraged for every Federal Action. **The level of public involvement should be commensurate with the proposed action.** Discuss any public involvement activities (legal notices, letters to affected property owners and residents, meetings, special purpose meetings, newspaper articles, etc.) for this project.

Remarks:

A Public Hearing, using an open house (workshop) format, will be conducted to present the Sponsor's Proposed Action. The Public Hearing will be held on Thursday, September 15, 2011 at the Mt. Hawley Auxiliary Airport's FBO, Peoria Aviation at 1320 North Bird Boulevard in Peoria, Illinois. The Hearing will be conducted from 3:30 – 7:30 P.M and will include a workshop area for the general public to ask questions of the CEA document preparers. Copies of the document and exhibits will be available to explain the project and the environmental findings of the report. A separate room will be available for individuals to provide verbal or written testimony to a Hearing Officer and those proceedings will be recorded by a Court Reporter. A 30-day notice will be printed in the Peoria Journal Star newspaper, a secular newspaper of general circulation in the Peoria area. A copy of the report will also be available on the Metropolitan Airport Authority of Peoria's web site at a www.flypia.com. Comments may also be emailed to 3MY_Comments@cmtengr.com. The public comment period will conclude at the closure of the Public Hearing.

Public Controversy on Environmental Grounds:

	Yes	No
Is the project anticipated to involve substantial controversy concerning community and/or natural resource impacts?		X

Preparer Certification:

I certify that the information I have provided above, is to the best of my knowledge, correct.

Preparer Signature

Date

Ambra Knox, Senior Aviation Planner
Preparer Name (Printed) and Title

Crawford, Murphy and Tilly, Inc.
Preparer Organization/Firm/Affiliation

Airport Sponsor Certification:

I certify that the information provided above is, to the best of my knowledge, correct. I also recognize and agree that no construction activity, including but not limited to site preparation, demolition, or land disturbance, shall proceed for the above proposed project(s) until the FAA issues a final environmental decision for the proposed project(s), and until compliance with all other applicable FAA approval actions (e.g. ALP approval, grant approval, etc) has occurred.

Airport Sponsoring Authority Signature

Date

Airport Sponsoring Authority Name (Printed) and Title

Date

Decision/Approval (Completed by the FAA/IDOT Aeronautics):

Having reviewed the above information, certified by the responsible airport official, the proposed projects of development warrant environmental processing as indicated below:

- The proposed action has been found to qualify for a Condensed Environmental Assessment.
- The proposed development action exhibits conditions that require the preparation of a detailed Environmental Assessment.
- The proposed development action requires preparation of an Environmental Impact Statement

This Environmental Assessment becomes a Federal document when evaluated and signed and dated by the Responsible FAA Official:

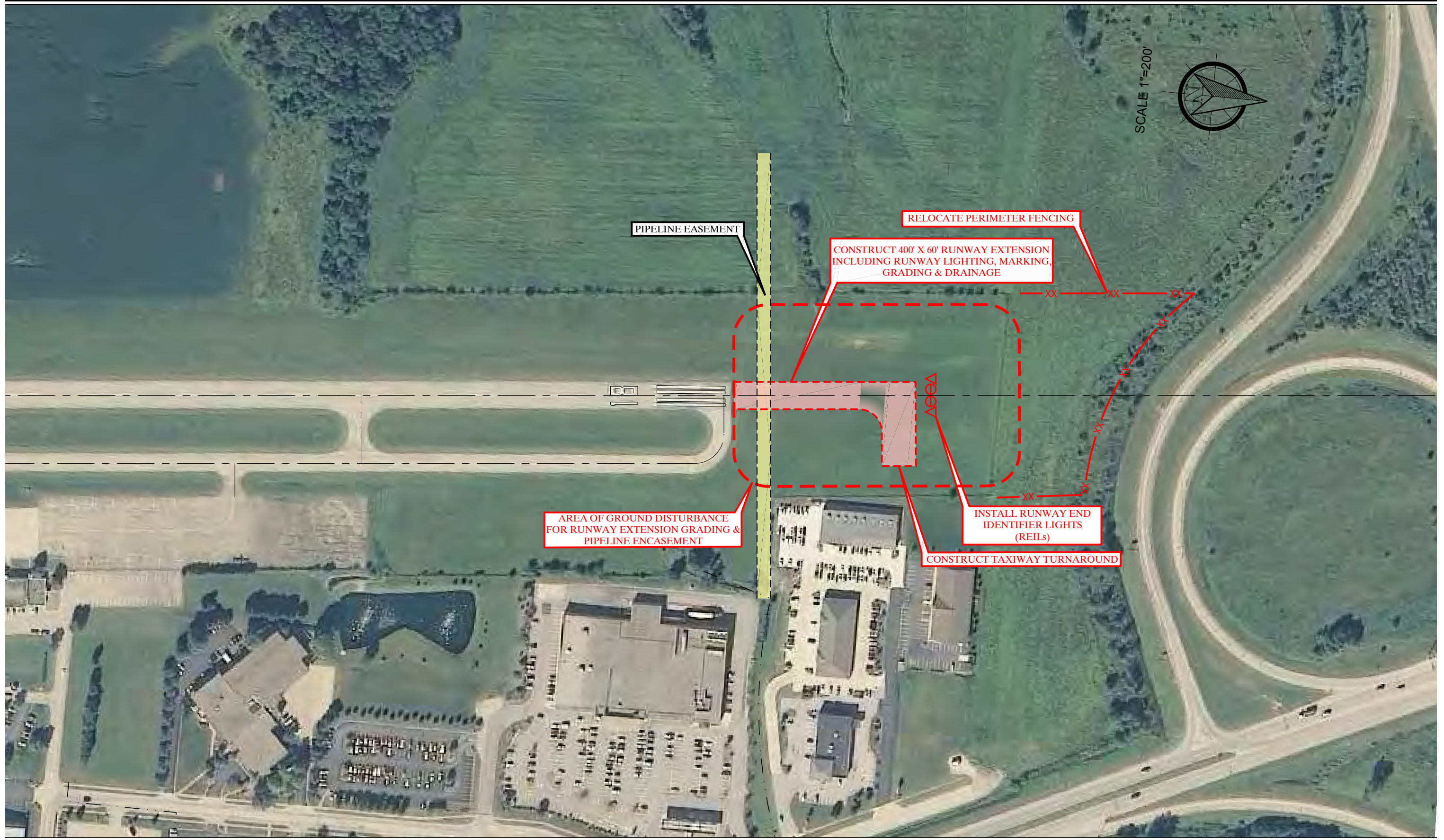
Separate Approval FONSI Page Under Preparation
Responsible FAA/IDOT Official Signature

Date

Separate Approval FONSI Page Under Preparation
Responsible FAA Official Name (Printed) and Title

Date

ATTACHMENTS



Sponsor's Proposed Action



Illinois Department of Transportation

Memorandum

To: Director Shea, Steven J. Long 50

From: Michael P. Irwin

Subject: Mt. Hawley Auxiliary Airport – Runway Extension justification

Date: June 22, 2011

The Metropolitan Airport Authority of Peoria, Mt. Hawley Auxiliary Airport, has provided our office with a study that they have prepared relative to the needs of corporate aircraft users of the facility. This information was requested to assist in the justification of the additional runway length being asked by the airport.

The FAA's eligibility criteria is based upon the runway length to serve aircraft currently using or forecast to use the facility in five years. Actual length is based upon the curves representing small airplanes having 10 or more passenger seats on a 90 degree day.

For aircraft currently using the facility or committed to use the facility, the FAA's AC-150/5325-4B, entitled Runway Length Requirements for Airport Design, states the following:

Substantial Use Threshold. Federally funded projects require that critical design airplanes have at least 500 or more annual itinerant operations at the airport (landings and takeoffs are considered as separate operations) for an individual airplane or a family grouping of airplanes.

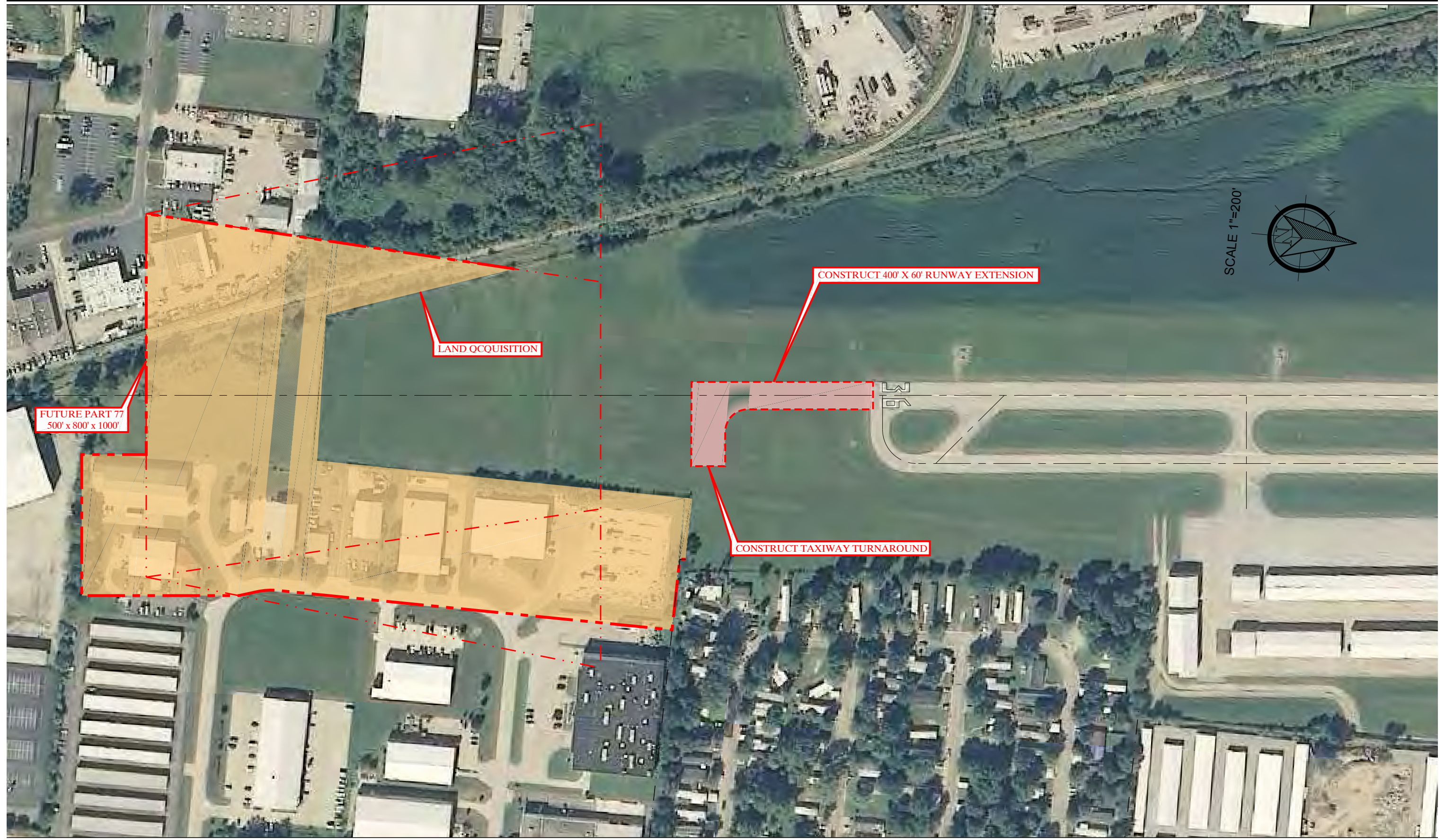
The information provided by the sponsor indicates the following usage of the facility at the present time and will increase in the future.

OK
Shea

Aircraft	Current Annual Operations	Future Annual Operations	Required Runway Length by User	FAA Suggested Runway Length
Beech 58	12		4000	3950
King Air 90	10		4000	4300
Cessna 310	59		4000	3950
Cessna 414	104		4000	3950
Cessna 421	74		4000	3950
MU 2	16		4000	4300
Piper Seneca	55		4000	3950
Total	256			

The above table indicates that there are over 250 operations of aircraft that will require a runway length of 4000 feet or longer as currently being requested by the airport. Future corporate usage will increase.

Based upon the information provided, we feel that the extension to 4000 feet of Runway 17/35 is justified.



Alternative



Illinois Department of Transportation

Memorandum

To: Steven Long Attn: Terry Schadell
From: Eric Harm By: J. A. Walthall
Subject: Cultural Resource Clearance
Date: August 15, 2008

**Peoria County
Mt. Hawley Airport
Seq. #14606**

Attached is a copy of the "Environmental Survey Request Form" submitted for the above project. It is the opinion of our professional staff that no Cultural Resource survey is required for this project. This determination follows the stipulations of the joint agreement for the Exclusion of Classes of "No Effect" from Illinois SHPO Coordination ratified by FHWA, the SHPO, and IDOT on July 17, 1995. The signed request form attached is your evidence of coordination.

JAWalthall

Attachment

JAW:km

Environmental Survey Request

A. Project Information

Bio Cultural Wetlands Special Waste

Submittal Date: 08/11/2008 Sequence No: 14606
District: 0 Requesting Agency: Other Aeronautics Project No:
Contract #: Job No.:
Counties: Peoria
Route: N/A Marked: N/A
Street: N/A Section: N/A
Municipality(ies): Peoria Project Length: km miles
From To (At): Mt. Hawley Auxiliary Airport
Quadrangle: Spring Bay Township-Range-Section: T10N - R8 - Section 32
Anticipated Design Approval: 12/30/2008

B. Reason for Submittal: (Check all that apply)

Acquisition of additional ROW or easement ha/ acres
 In-Stream Work Stream Name:
 Other:

C. Project Description: 400 foot extension of Runway 17

Proposed Work: Highway Bridge Bike Trail Other Airport

D. Tree Removal?: No Number?: ha/ acres

Historic District Involved? No Historic Buildings Involved? No
Section 4(f) Lands Involved? No Section 6(f) Lands Involved? No
Wetland delineation performed by: End. Species Consultation performed by:

E. Funding: Federal State TBP MFT Local Non-MFT
 404 Permit Required Anticipated Processing:

F. Contact Person:	Local Contact Person: Terrence Schaddel
Telephone #:	Telephone #: (217) 785-5177 ext.
Env. Contact:	E-Mail: Terrence.Schaddel@illinois.gov
Telephone #:	Title/Company:

Field Sign Off (Bio & Cultural Only) Received in CO SW Received

CULTURAL RESOURCES:
NO SURVEY OR FURTHER COORDINATION REQUIRED
Terrence Schaddel 8/15/08
SIGNED DATE

**United States Fish & Wildlife Service (USFWS)
 Informal Section 7 Review & Consultation
 Threatened & Endangered Species for Peoria County, Illinois**

County, State	Common Name	Scientific Name	Status
Peoria, IL	Indiana Bat	<i>Myotis sodalis</i>	Endangered
Peoria, IL	Decurrent false aster	<i>Boltonia decurrens</i>	Threatened
Peoria, IL	Eastern prairie fringed orchid	<i>Platanthaera leucophaea</i>	Threatened

The Greater Peoria Airport Authority is preparing for improvements at the Mt. Hawley Auxiliary Airport in Peoria, Illinois. The airport improvements include the:

1. Construction, lighting and marking of a 400' x 60' northerly extension of Runway 18/36
2. Construction of a taxiway turnaround on the Runway 18 end
3. Relocation of perimeter fencing
4. Installation of Runway End Identifier Lights (REILs) on the Runway 18 end
5. Encasing of an underground high pressure gas pipeline

As requested by the USFWS, Crawford, Murphy & Tilly, Inc. performed an informal Section 7 investigation and review of the USFWS' technical assistance website for federally listed threatened and endangered species. According to the website, three (3) species are listed and may be present in Peoria County, Illinois. However, based upon the habitat information associated with these species, and the location and composition of the airfield and project site, it is unlikely the project area would support the proper habitat for any of the threatened and endangered species listed for the County. Therefore and a "no effect" determination is assumed appropriate for this project.

The following is a summary of the threatened and endangered species review.

Indiana Bat

Indiana bats hibernate during winter in caves or, occasionally, in abandoned mines. No caves or mines are located within the vicinity of the project area.

After hibernation, Indiana bats migrate to their summer habitat in wooded areas where they usually roost under loose tree bark on dead or dying trees. During summer, males roost alone or in small groups, while females roost in larger groups of up to 100 bats or more. Indiana bats also forage in or along the edges of forested areas.

Based on the location and composition of the airfield, it is unlikely the project area would support the proper habitat for the Indiana Bat.

Decurrent false aster

The Decurrent false aster is a plant found on moist, sandy, floodplains and prairie wetlands along the Illinois River. It relies on periodic flooding to scour away other plants that compete for the same habitat.

Based on the location and composition of the airfield, it is unlikely the project area would support the proper habitat for the Decurrent false aster.

Eastern Prairie Fringed Orchid

The Eastern Prairie Fringed Orchid is a plant which occurs in a wide variety of habitats, from mesic prairie to wetlands such as sedge meadows, marsh edges, even bogs. It requires full sun for optimum growth and flowering and a grassy habitat with little or no woody encroachment. A symbiotic relationship between the seed and soil fungi, called mycorrhizae, is necessary for seedlings to become established. This fungi helps the seeds assimilate nutrients in the soil.

Based on the location and composition of the airfield, it is unlikely the project area would support the proper habitat for the Eastern Prairie Fringed Orchid.



Endangered Species

[Midwest Endangered Species Home](#)

[Section 7 Home](#)

[Section 7: A Brief Explanation](#)

[Section 7: Technical Assistance](#)

[Biological Assessment Guidance](#)

[Section 7 Consultation Handbook](#)

[Contact Us](#)



S7 Consultation Technical Assistance Decision Process for "No Effect" Determinations

Projects within a Developed Area - Step 4

Step 4: "No Effect" Determination and Documentation

Your project will have "no effect" on federally listed species. A "No Effect" determination is appropriate because your project is:

- within a Developed Area (an area that is already paved or supports structures and the only vegetation is limited to frequently mowed grass or conventional landscaping), and
- is not within or adjacent to any unlandscaped areas that support native vegetation (trees, shrubs, or grasses).

Since your project is not within suitable habitat for listed species, no listed species or designated critical habitat is anticipated to be directly or indirectly affected by this action.

To document your section 7 review and "no effect" determination, we recommend that you print this page (go to [File > Print Preview](#)), fill-in the project name and date, attach your [species list](#), and file in your administrative record.

Project Name: Mt. Hawley Auxiliary Airport Runway 18/36 North Extension

Date: July 8, 2011

[Back](#)

[Home - "No Effect" Determination Process](#)

Last updated: March 29, 2011

USFWS Ecological Services Field Offices in the Upper Midwest

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USFWS Midwest Region Sites

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[Wind Energy](#) | [Ecological Services Field Offices](#)

USFWS National Sites

[Coastal Conservation](#) | [Endangered Species](#) | [Environmental Contaminants](#) | [Fisheries and Habitat Conservation](#)

Applicant: Crawford, Murphy & Tilly, Inc.
Contact: Adam French
Address: 5652 West 73rd Street
Indianapolis, IN 46278

IDNR Project #: 1200195
Date: 07/08/2011

Project: Runway 18/36 North Extension at Mt. Hawley Auxiliary Airport
Address: 1320 WEST BIRD BLVD., PEORIA

Description: 1.Construction, lighting and marking of a 400' x 60' northerly extension of Runway 18/36
2.Construction of a taxiway turnaround on the Runway 18 end
3.Relocation of perimeter fencing
4.Installation of Runway End Identifier Lights (REILs) on the Runway 18 end
5.Encasing of an underground high pressure gas pipeline

Natural Resource Review Results

Consultation for Endangered Species Protection and Natural Areas Preservation (Part 1075)

The Illinois Natural Heritage Database shows the following protected resources may be in the vicinity of the project location:

Boyds Hollow Woods INAI Site
Detweiller Woods INAI Site
Robinson Park Hill Prairie INAI Site
Detweiller Woods Nature Preserve
Robinson Park Hill Prairies Nature Preserve

Wetland Review (Part 1090)

The National Wetlands Inventory does not show wetlands within 250 feet of the project location.

An IDNR staff member will evaluate this information and contact you within 30 days to request additional information or to terminate consultation if adverse effects are unlikely.

Location

The applicant is responsible for the accuracy of the location submitted for the project.

County: Peoria
Township, Range, Section:
10N, 8E, 32



IL Department of Natural Resources Contact

Steve Hamer
217-785-5500
Division of Ecosystems & Environment

Local or State Government Jurisdiction

IL Department of Transportation
Terrence L. Schaddel
1 Langhorne Bond Drive
Abraham Lincoln Capital Airport
Springfield, Illinois 62707

Disclaimer

The Illinois Natural Heritage Database cannot provide a conclusive statement on the presence, absence, or condition of natural resources in Illinois. This review reflects the information existing in the Database at the time of this inquiry, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, compliance with applicable statutes and regulations is required.

Terms of Use

By using this website, you acknowledge that you have read and agree to these terms. These terms may be revised by IDNR as necessary. If you continue to use the EcoCAT application after we post changes to these terms, it will mean that you accept such changes. If at any time you do not accept the Terms of Use, you may not continue to use the website.

1. The IDNR EcoCAT website was developed so that units of local government, state agencies and the public could request information or begin natural resource consultations on-line for the Illinois Endangered Species Protection Act, Illinois Natural Areas Preservation Act, and Illinois Interagency Wetland Policy Act. EcoCAT uses databases, Geographic Information System mapping, and a set of programmed decision rules to determine if proposed actions are in the vicinity of protected natural resources. By indicating your agreement to the Terms of Use for this application, you warrant that you will not use this web site for any other purpose.
2. Unauthorized attempts to upload, download, or change information on this website are strictly prohibited and may be punishable under the Computer Fraud and Abuse Act of 1986 and/or the National Information Infrastructure Protection Act.
3. IDNR reserves the right to enhance, modify, alter, or suspend the website at any time without notice, or to terminate or restrict access.

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EcoCAT operates on a state of Illinois computer system. We may use software to monitor traffic and to identify unauthorized attempts to upload, download, or change information, to cause harm or otherwise to damage this site. Unauthorized attempts to upload, download, or change information on this server is strictly prohibited by law. Unauthorized use, tampering with or modification of this system, including supporting hardware or software, may subject the violator to criminal and civil penalties. In the event of unauthorized intrusion, all relevant information regarding possible violation of law may be provided to law enforcement officials.

Privacy

EcoCAT generates a public record subject to disclosure under the Freedom of Information Act. Otherwise, IDNR uses the information submitted to EcoCAT solely for internal tracking purposes.



Illinois Department of Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271
<http://dnr.state.il.us>

Pat Quinn, Governor
Marc Miller, Director

July 08, 2011

Adam French
Crawford, Murphy & Tilly, Inc.
5652 West 73rd Street
Indianapolis, IN 46278

Re: Runway 18/36 North Extension at Mt. Hawley Auxiliary Airport
Project Number(s): 1200195
County: Peoria

Dear Applicant:

This letter is in reference to the project you recently submitted for consultation. The natural resource review provided by EcoCAT identified protected resources that may be in the vicinity of the proposed action. The Department has evaluated this information and concluded that adverse effects are unlikely. Therefore, consultation under 17 Ill. Adm. Code Part 1075 is terminated.

This consultation is valid for two years unless new information becomes available that was not previously considered; the proposed action is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the project has not been implemented within two years of the date of this letter, or any of the above listed conditions develop, a new consultation is necessary.

The natural resource review reflects the information existing in the Illinois Natural Heritage Database at the time of the project submittal, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, you must comply with the applicable statutes and regulations. Also, note that termination does not imply IDNR's authorization or endorsement of the proposed action.

Please contact me if you have questions regarding this review.

Steve Hamer
Division of Ecosystems and Environment
217-785-5500



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, ROCK ISLAND DISTRICT
PO BOX 2004 CLOCK TOWER BUILDING
ROCK ISLAND, ILLINOIS 61204-2004

RECEIVED

JUL 28 2011

CMT-OHIO

July 21, 2011

Operations Division

SUBJECT: CEMVR-OD-P-2011-917

Mr. Adam J. French
Aviation Planner
Senior Transportation/Environmental Planner
Crawford, Murphy & Tilly, Inc.
2750 West Washington Street
Springfield, Illinois 62702

Dear Mr. French:

Our office reviewed all information provided to us concerning the proposed airport improvements (including lighting, taxiway turnaround, perimeter fencing, and a gas pipeline) in Section 14, Township 8 North, Range 7 East, Peoria County, Illinois.

We determined your project as proposed does not require a Department of the Army (DA) Section 404 permit. The decision regarding this action is based on information found in the administrative record which documents the District's decision-making process, the basis for the decision, and the final decision. No indication of discharge of dredged or fill material was found to occur in waters of the United States (including wetlands). Therefore, this determination resulted.

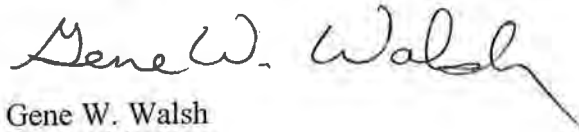
You are advised that this determination for your project is valid for five years from the date of this letter. If the project is not completed within this five-year period or your project plans change, you should contact our office for another determination.

Although an individual Department of the Army permit and individual IEPA 401 certification will not be required for the project, this does not eliminate the requirement that you must still acquire other applicable Federal, state, and local permits. If you have not already coordinated your project with the Illinois Department of Natural Resources – Office of Water Resources, please contact them at 217/782-3863 to determine if a floodplain development permit is required for your project.

The Rock Island District Regulatory Branch is committed to providing quality and timely service to our customers. To help us know how well we are doing and to improve our service where needed, we request that you take a few minutes to complete the "Customer Service Survey" questionnaire found on the following website:
<http://per2.nwp.usace.army.mil/survey.html>. (Be sure to select "Rock Island District" under the area entitled: Which Corps office did you deal with?) If you would prefer to complete a hard copy of this survey, please contact our office and we will mail you a copy of the survey with a return envelope.

Should you have any questions, please contact our Regulatory Branch by letter, or telephone me at 309/794-5674.

Sincerely,



Gene W. Walsh
Project Manager
Enforcement Section

Enclosure

Copies Furnished:

Mr. Mike Diedrichsen, P.E.
Office of Water Resources
IL Department of Natural Resources
One Natural Resources Way
Springfield, Illinois 62702-1271

Mr. Dan Heacock
Illinois Environmental Protection Agency
Watershed Management Section
Permit Section 15
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

U.S. Army Corps of Engineers
Illinois Waterway Project Office
257 Grant Street
Peoria, Illinois 61603

Epa.401.bow@illinois.gov (email)



U.S. Fish and Wildlife Service National Wetlands Inventory

**Mt. Hawley
Auxiliary Airport**

Jul 8, 2011



Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

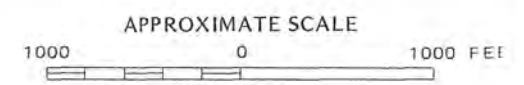
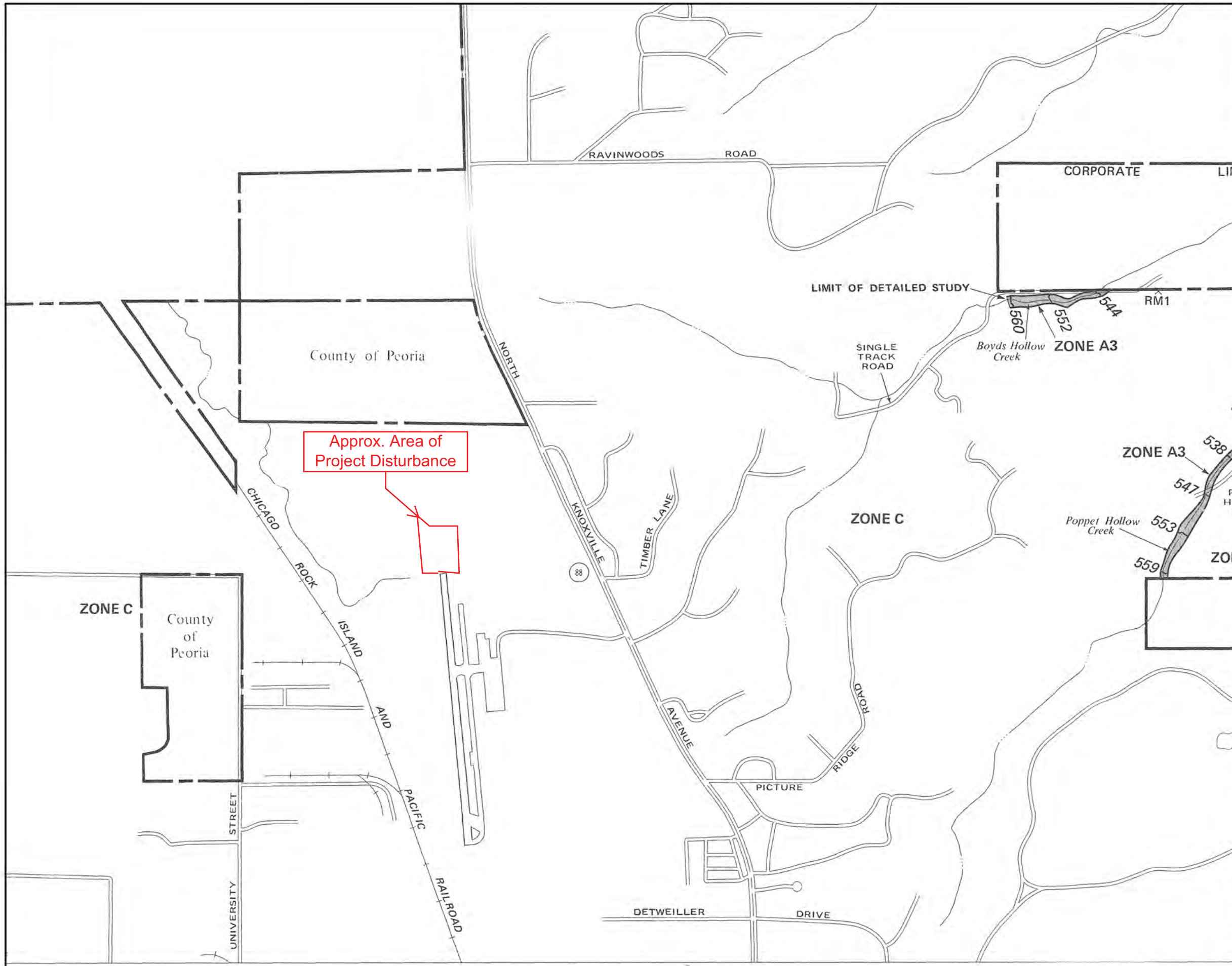
Riparian Status

- Digital Data

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Area of Project Disturbance

User Remarks:



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

CITY OF
PEORIA,
ILLINOIS
PEORIA COUNTY

PANEL 5 OF 20
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY-PANEL NUMBER
170536 0005 B

EFFECTIVE DATE:
FEBRUARY 1, 1980



U.S. DEPARTMENT OF HOUSING
AND URBAN DEVELOPMENT
FEDERAL INSURANCE ADMINISTRATION

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov