



October 31, 2018

Mr. Angel Correa
Division Administrator
Federal Highway Administration
700 West Capitol, Room 3130
Little Rock, Arkansas 72201-3298

Re: Job Number 090430
FAP Number NHPP-0044(15)
Pigeon Creek Str. & Apprs. (S)
Hwy. 74, Section 3
Bridge Number 03419
Madison County
Tier 3 Categorical Exclusion

Dear Mr. Correa:

The Environmental Division reviewed the referenced project and has determined it falls within the definition of the Tier 3 Categorical Exclusion as defined by the ARDOT/FHWA Memorandum of Agreement on the processing of Categorical Exclusions. The following information is included for your review and, if acceptable, approval as the environmental documentation for this project.

The purpose of the project is to replace a substandard bridge with a box culvert on Highway 74 over Pigeon Creek in Madison County, Arkansas. Total length of the project is 0.08 mile. A project location map is enclosed.

The existing Pigeon Creek Bridge (Bridge Number 03419) is a 24' wide x 76' long structure with four 19' reinforced concrete channel beam sections supported by reinforced concrete bents and steel pile end bents. The existing roadway consists of two 11' wide paved travel lanes with 3' wide grass shoulders. The existing right of way width is 100'.

A quintuplet steel reinforced concrete box culvert will be built on existing location. A temporary detour road will be constructed 104' south of the existing structure

and will utilize pipe culverts in crossing Pigeon Creek. The new approaches will consist of two 12' wide paved travel lanes with 8' wide shoulders. A proposed right of way width of 220' will require 0.68 acres of additional right of way and 1.05 acres of temporary construction easements. Of this acreage, approximately 0.04 acre of Prime Farmland and 0.02 acre of Farmland of Statewide Importance will be converted to highway right of way. Form NRCS-CPA-106 for Farmland Conversion is enclosed.

Design data for this project is as follows:

Design Year	Average Daily Traffic	Percent Trucks	Design Speed
2019	1,900	5	55 mph
2039	2,200	5	55 mph

There are no relocations, wetlands, wellhead protection areas, public water supplies, cultural resources, or environmental justice issues involved with this project. Field inspections found no evidence of existing underground storage tanks or hazardous waste deposits on site. State Historic Preservation Office clearance is enclosed.

Stream impacts at Pigeon Creek will result in less than 0.1 acre of permanent fill. Construction of the proposed project should be allowed under the terms of a Nationwide Permit 14 for Linear Transportation Projects.

The U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation website lists the gray bat (*Myotis grisescens*), Indiana bat (*Myotis sodalis*), northern long-eared bat (*Myotis septentrionalis*), Ozark big-eared bat (*Corynorhinus townsendii ingens*), Rabbitsfoot (*Theliderma cylindrica*), and Missouri bladderpod (*Physaria filiformis*) as threatened and endangered species potentially occurring at or near the project location.

A bat mist net survey was conducted on June 10-11, 2018 by HDR consultants that resulted in no captures of federally protected bats. With the limited amount of tree clearing, negative results of presence/absence survey, distance to known species locations, and best management practices to reduce sedimentation, the USFWS concurred with a determination of "may affect, not likely to adversely affect" for Indiana bat, gray bat, and Ozark big-eared bats on July 25, 2018. No

prohibited take will occur for northern long-eared bats following the guidance of the final 4(d) rule (50 CFR §17.40(o)). The proposed project will not impact any habitat for Rabbitsfoot or Missouri bladderpod and a 'no effect' determination was made. The official species list, northern long-eared bat 4(d) rule streamlined consultation form, and USFWS concurrence letter are enclosed.

Madison County participates in the National Flood Insurance Program. The project lies within Zone A, Special Flood Hazard Area. The final project design will be reviewed to confirm that the design is adequate and that the potential risk to life and property are minimized. Adjacent properties should not be impacted nor have a greater flood risk than existed before construction of the project. None of the encroachments will constitute a significant floodplain encroachment or a significant risk to property or life.

Based upon the ARDOT's *Policy on Highway Traffic Noise Abatement*, a noise analysis is not required for this project. This project does not involve added capacity, construction of new through lanes or auxiliary lanes, changes in the horizontal or vertical alignment of the roadway, or exposure of noise sensitive land uses to a new or existing highway noise source.

If you have any questions, please contact the Environmental Division at (501) 569-2281.

APPROVED

Environmental Specialist
Federal Highway Administration
Date: 11/01/2018

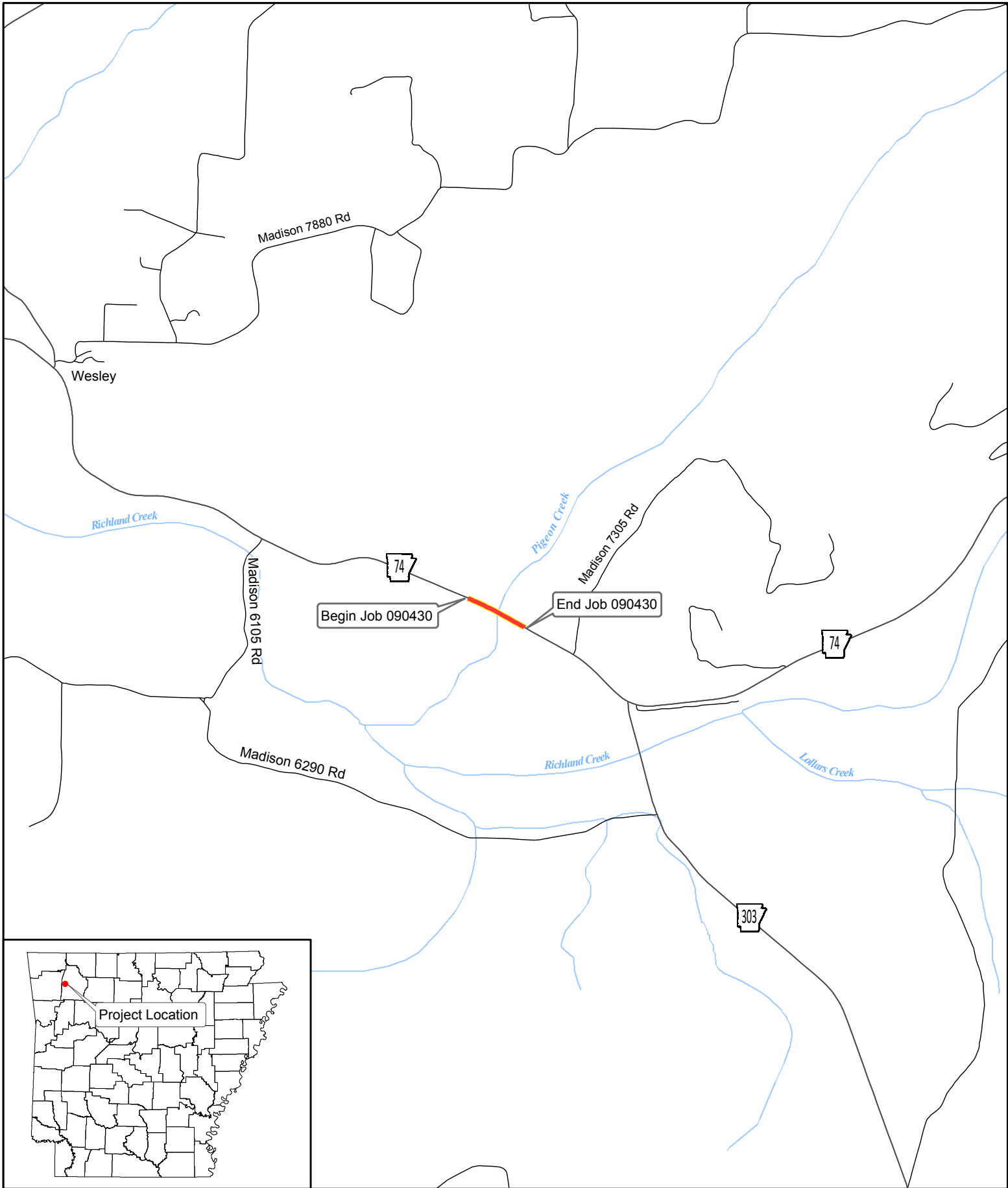
Sincerely,

John Fleming
Division Head
Environmental Division

Enclosures

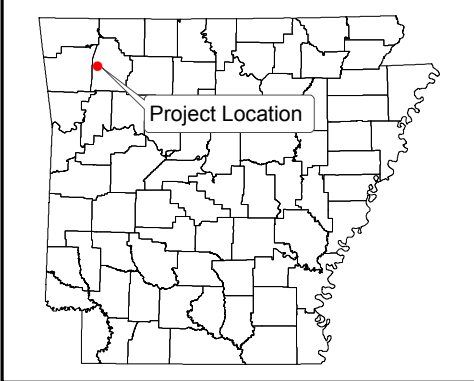
JF:TT:mr

c: Program Management
Right of Way
Roadway Design
District 9
Master File

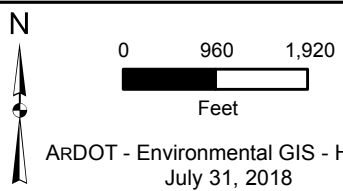


Begin Job 090430

End Job 090430

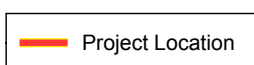


Project Location



ARDOT - Environmental GIS - Hopkins
July 31, 2018

Job 090430
Pigeon Creek Str. & Apprs.
(Hwy. 74)
Madison County





ARKANSAS DEPARTMENT OF TRANSPORTATION

ARDOT.gov | IDriveArkansas.com | Scott E. Bennett, P.E., Director

10324 Interstate 30 | P.O. Box 2261 | Little Rock, AR 72203-2261
Phone: 501.569.2000 | Voice/TTY 711 | Fax: 501.569.2400

100328
FHWA

February 6, 2018

AHPP

FEB 06 2018

RECEIVED
ARDOT
FEB 12 2018
ENVIRONMENTAL
DIVISION

Ms. Stacy Hurst
Arkansas Historic Preservation Program
1100 North Street
Little Rock, Arkansas 72201

Re: Job Number 090430
Pigeon Creek Str. & Apprs
(Hwy. 74)
Madison County

Dear Ms. Hurst:

Please find enclosed a Project Identification Form (PIF) for the above referenced project. This project proposes to replace a bridge on State Highway 74 in Madison County. If you have any questions or require additional information about the project, please contact William McAlexander of my staff at (501) 569-2078.

Sincerely,

Brenda Price

for John Fleming
Division Head
Environmental Division

Enclosure:
PIF

JF:DW:WM:fc

Date 2/9/2018
No known historic properties will be affected by this undertaking. This effect determination could change should new information come to light.
W. Alexander
Arkansas State Historic Preservation Officer

**FARMLAND CONVERSION IMPACT RATING
FOR CORRIDOR TYPE PROJECTS**

PART I (To be completed by Federal Agency) Job 090430		3. Date of Land Evaluation Request 10/17/2018	4. Sheet 1 of 1
1. Name of Project Pigeon Creek Str. & Apprs.		5. Federal Agency Involved FHWA	
2. Type of Project Bridge replacement with a box culvert		6. County and State Madison, AR	
PART II (To be completed by NRCS)		1. Date Request Received by NRCS	2. Person Completing Form
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form).		YES NO	4. Acres Irrigated Average Farm Size
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: %		7. Amount of Farmland As Defined in FPPA Acres: %
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS	

PART III (To be completed by Federal Agency)	Alternative Corridor For Segment			
	Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly	0.68			
B. Total Acres To Be Converted Indirectly, Or To Receive Services				
C. Total Acres In Corridor	2.02			

PART IV (To be completed by NRCS) Land Evaluation Information				
A. Total Acres Prime And Unique Farmland	0.04			
B. Total Acres Statewide And Local Important Farmland	0.02			
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted				
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value				

PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)

PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))	Maximum Points			
1. Area in Nonurban Use	15	10		
2. Perimeter in Nonurban Use	10	0		
3. Percent Of Corridor Being Farmed	20	1		
4. Protection Provided By State And Local Government	20	0		
5. Size of Present Farm Unit Compared To Average	10	1		
6. Creation Of Nonfarmable Farmland	25	0		
7. Availability Of Farm Support Services	5	5		
8. On-Farm Investments	20	5		
9. Effects Of Conversion On Farm Support Services	25	0		
10. Compatibility With Existing Agricultural Use	10	0		
TOTAL CORRIDOR ASSESSMENT POINTS	160	22		

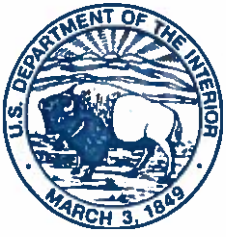
PART VII (To be completed by Federal Agency)				
Relative Value Of Farmland (From Part V)	100	100		
Total Corridor Assessment (From Part VI above or a local site assessment)	160	22		
TOTAL POINTS (Total of above 2 lines)	260	122		

1. Corridor Selected On existing location.	2. Total Acres of Farmlands to be Converted by Project: 0.04 acres of Prime Farmland & 0.02 acres of Statewide Importance	3. Date Of Selection: October 17, 2018	4. Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>
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5. Reason For Selection:
Best location.

Signature of Person Completing this Part: John Baber DATE October 17, 2018

NOTE: Complete a form for each segment with more than one Alternate Corridor



IN REPLY REFER TO:

United States Department of the Interior

FISH AND WILDLIFE SERVICE

Arkansas Ecological Service Field Office
110 South Amity Road, Suite 300
Conway, Arkansas 72032



July 25, 2018

Mr. John Fleming
c/o Ben Thesing
Arkansas Department of Transportation
10324 Interstate 30
Little Rock, Arkansas 72209

Dear Mr. Fleming:

Thank you for your email of July 9, 2018. The U.S. Fish and Wildlife Service (Service) is responding to your request, regarding Arkansas Department of Transportation (ArDOT) Transportation proposal to replace the Hwy 74 Bridge over Pigeon Creek, Madison County, Arkansas. The project was described and assessed as follows (abbreviated and summarized):

ArDOT plans to replace the Hwy 74 Bridge over Pigeon Creek (36.016363°,-93.895389°) with a set of quintuple reinforced concrete box culverts on existing location. A temporary detour will be constructed south of the bridge to maintain traffic during construction. The project is scheduled to let to contract in June of 2019. IPaC identified Gray Bat (*Myotis grisescens*), Indiana Bat (*Myotis sodalis*), Northern Long-eared Bat (*Myotis septentrionalis*), Rabbitsfoot (*Theliderma cylindrica*), and Missouri Bladderpod (*Physaria filiformis*) as potentially occurring at or near the project location.

Approximately 0.9 acres of trees will be cleared, within 100 ft. of the current road surface, and 0.3 acres between 100 and 300 ft. during the project. A presence/absence bat mist net survey was conducted on 10-11 June 2018 by HDR consultants. A single Big Brown Bat (*Eptesicus fuscus*) was captured over the two net night survey. A records search of ANHC databases identified an Indiana Bat roost cave (Nichole's Cavern) approximately nine miles west southwest of the project location. Due to the negative survey results, minimal tree clearing, and distance to known records, we seek a concurrence of "not likely to adversely affect" Indiana Bat, Gray Bat, and Ozark Big-eared Bats. No special provisions to limit clearing or construction activities will be included in the contract as a result of the negative survey. We propose the presence/absence survey to be compensation for all tree clearing activities on the job. Further, no prohibited take will occur for Northern Long-eared Bats following the guidance of the Programmatic Biological Opinion and Final 4(d) Rule (50 CFR §17.40(o)). A NLEB 4(d) Rule Streamlined Consultation form is attached.

Pigeon Creek is an intermittent tributary to Richland Creek and Beaver Lake. No suitable habitat for mussels is present within or near the project location. No

glade or glade features are present; therefore, no Missouri Bladderpod habitat is present. Considering the above, no effects are anticipated to Missouri Bladderpod or Rabbitsfoot.

Due to the limited effects of the action, the results of the presence/absence survey, distance to known species locations, and standard special provision for water quality conservation measures, the Service concurs with the determination of "may affect, not likely to adversely affect" for Indiana Bat, Gray Bat, and Ozark Big-eared Bats.

The Service agrees with your species assessments and no further consultation for this action regarding federally listed species is necessary at this time.

The Service has reviewed your determination that the proposed action will not result in any prohibited incidental take for Northern Long-eared Bat. This project may affect the Northern Long-eared Bat; however, there are no effects beyond those previously disclosed in the Service's programmatic biological opinion for the final 4(d) rule dated January 5, 2016. Any taking that may occur incidental to this project is not prohibited under the final 4(d) rule (50 CFR§17.40(o)). This project is consistent with the description of the proposed action in the programmatic biological opinion, and the 4(d) rule does not prohibit incidental take of the Northern Long-eared Bat that may occur as a result of this project. Therefore, the programmatic biological opinion satisfies the "action agency" responsibilities under ESA section 7(a)(2) relative to the Northern Long-eared Bat for this project.

Please keep in mind that you must report any departures from the plans submitted; results of any surveys conducted; or any dead, injured, or sick Northern Long-eared Bats that are found to this office. If this project is not completed within one year of this letter, you must update your determination and resubmit the required information.

If you have any questions regarding our response or if you need additional information, please contact Lindsey Lewis at (501) 513-4489 or lindsey_lewis@fws.gov.

Sincerely,



Melvin L. Tobin
Field Supervisor

cc: Project File
Read File

Filename: C:\Users\Milewis\Documents\PROJECTS\FY2018\ARDOT\Pigeon Creek 090430
Coordination\Comments - Pigeon Creek 090430 Coordination.docx



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Arkansas Ecological Services Field Office
110 South Amity Suite 300
Conway, AR 72032-8975
Phone: (501) 513-4470 Fax: (501) 513-4480
<http://www.fws.gov/arkansas-es>

In Reply Refer To:

June 19, 2018

Consultation Code: 04ER1000-2018-SLI-0698

Event Code: 04ER1000-2018-E-01734

Project Name: Pigeon Creek Str. & Apprs. (S)

Subject: Updated list of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies endangered, threatened, proposed, and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*). **This letter only provides an official species list and technical assistance; if you determine that listed species and/or designated critical habitat may be affected in any way by the proposed project, even if the effect is wholly beneficial, consultation with the Service will be necessary.**

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found on our website.

Please visit our website at <http://www.fws.gov/arkansas-es/IPaC/home.html> for species-specific guidance to avoid and minimize adverse effects to federally endangered, threatened, proposed, and candidate species. Our web site also contains additional information on species life history and habitat requirements that may be useful in project planning.

If your project involves in-stream construction activities, oil and natural gas infrastructure, road construction, transmission lines, or communication towers, please review our project specific guidance at <http://www.fws.gov/arkansas-es/IPaC/ProjSpec.html>.

The karst region of Arkansas is a unique region that covers the **northern third of Arkansas** and we have specific guidance to conserve sensitive cave-obligate and bat species. **Please visit <http://www.fws.gov/arkansas-es/IPaC/Karst.html> to determine if your project occurs in the karst region and to view karst specific-guidance.** Proper implementation and maintenance of best management practices specified in these guidance documents is necessary to avoid adverse effects to federally protected species and often avoids the more lengthy formal consultation process.

If your species list includes any mussels, Northern Long-eared Bat, Indiana Bat, Yellowcheek Darter, Red-cockaded Woodpecker, or American Burying Beetle, your project may require a presence/absence and/or habitat survey prior to commencing project activities. Please check the appropriate species-specific guidance on our website to determine if your project requires a survey. We strongly recommend that you contact the appropriate staff species lead biologist (see office directory or species page) prior to conducting presence/absence surveys to ensure the appropriate level of effort and methodology.

Under the ESA, it is the responsibility of the Federal action agency or its designated representative to determine if a proposed action "may affect" endangered, threatened, or proposed species, or designated critical habitat, and if so, to consult with the Service further. Similarly, it is the responsibility of the Federal action agency or project proponent, not the Service, to make "no effect" determinations. If you determine that your proposed action will have "no effect" on threatened or endangered species or their respective critical habitat, you do not need to seek concurrence with the Service. Nevertheless, it is a violation of Federal law to harm or harass any federally-listed threatened or endangered fish or wildlife species without the appropriate permit.

Through the consultation process, we will analyze information contained in a biological assessment that you provide. If your proposed action is associated with Federal funding or permitting, consultation will occur with the Federal agency under section 7(a)(2) of the ESA. Otherwise, an incidental take permit pursuant to section 10(a)(1)(B) of the ESA (also known as a habitat conservation plan) is necessary to harm or harass federally listed threatened or endangered fish or wildlife species. In either case, there is no mechanism for authorizing incidental take "after-the-fact." For more information regarding formal consultation and HCPs, please see the Service's Consultation Handbook and Habitat Conservation Plans at www.fws.gov/endangered/esa-library/index.html#consultations.

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, **the accuracy of this species list should be verified after 90 days.** This verification can be

completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. **Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.**

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Arkansas Ecological Services Field Office

110 South Amity Suite 300

Conway, AR 72032-8975

(501) 513-4470

Project Summary

Consultation Code: 04ER1000-2018-SLI-0698

Event Code: 04ER1000-2018-E-01734

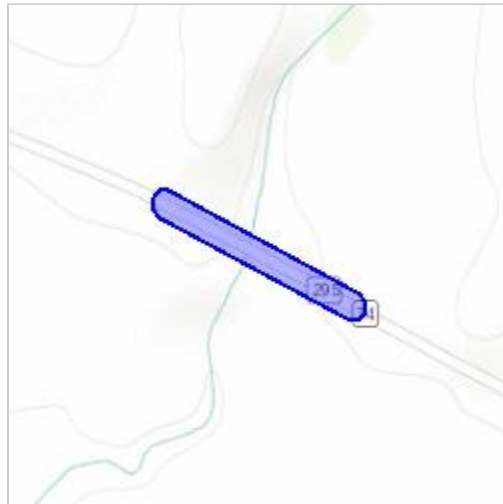
Project Name: Pigeon Creek Str. & Apprs. (S)

Project Type: TRANSPORTATION

Project Description: Bridge Replacement

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/36.01642871559618N93.8954740764348W>



Counties: Madison, AR

Endangered Species Act Species

There is a total of 6 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Gray Bat <i>Myotis grisescens</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6329	Endangered
Indiana Bat <i>Myotis sodalis</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened
Ozark Big-eared Bat <i>Corynorhinus (=Plecotus) townsendii ingens</i> There is proposed critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/7245	Endangered

Clams

NAME	STATUS
Rabbitsfoot <i>Quadrula cylindrica cylindrica</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5165	Threatened

Flowering Plants

NAME	STATUS
Missouri Bladderpod <i>Physaria filiformis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/5361	Threatened

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

Northern Long-Eared Bat 4(d) Rule Streamlined Consultation Form

Federal agencies should use this form for the optional streamlined consultation framework for the northern long-eared bat (NLEB). This framework allows federal agencies to rely upon the U.S. Fish and Wildlife Service's (USFWS) January 5, 2016, intra-Service Programmatic Biological Opinion (BO) on the final 4(d) rule for the NLEB for section 7(a)(2) compliance by: (1) notifying the USFWS that an action agency will use the streamlined framework; (2) describing the project with sufficient detail to support the required determination; and (3) enabling the USFWS to track effects and determine if reinitiation of consultation is required per 50 CFR 402.16.

This form is not necessary if an agency determines that a proposed action will have no effect to the NLEB or if the USFWS has concurred in writing with an agency's determination that a proposed action may affect, but is not likely to adversely affect the NLEB (i.e., the standard informal consultation process). Actions that may cause prohibited incidental take require separate formal consultation. Providing this information does not address section 7(a)(2) compliance for any other listed species.

Information to Determine 4(d) Rule Compliance:

	YES	NO
1. Does the project occur wholly outside of the WNS Zone ¹ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Have you contacted the appropriate agency ² to determine if your project is near known hibernacula or maternity roost trees?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Could the project disturb hibernating NLEBs in a known hibernaculum?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Could the project alter the entrance or interior environment of a known hibernaculum?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Does the project remove any trees within 0.25 miles of a known hibernaculum at any time of year?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. Would the project cut or destroy known occupied maternity roost trees, or any other trees within a 150-foot radius from the maternity roost tree from June 1 through July 31.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

You are eligible to use this form if you have answered yes to question # 1 **or** yes to question #2 **and** no to questions 3, 4, 5 and 6. The remainder of the form will be used by the USFWS to track our assumptions in the BO.

Agency and Applicant³ (Name, Email, Phone No.): •

Arkansas Department of Transportation – ben.thesing@ardot.gov– 501-569-2520

Project Name: ArDOT Job 090430 Pigeon Creek Str. & Apprs. (S)

Project Location (include coordinates if known): Hwy 74 Bridge Pigeon Creek Madison Co, AR

Basic Project Description (provide narrative below or attach additional information):

Bridge replacement

¹ <http://www.fws.gov/midwest/endangered/mammals/nleb/pdf/WNSZone.pdf>

² See <http://www.fws.gov/midwest/endangered/mammals/nleb/nhisites.html>

³ If applicable - only needed for federal actions with applicants (e.g., for a permit, etc.) who are party to the consultation.

General Project Information	YES	NO
Does the project occur within 0.25 miles of a known hibernaculum?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Does the project occur within 150 feet of a known maternity roost tree?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Does the project include forest conversion ⁴ ? (if yes, report acreage below)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Estimated total acres of forest conversion	1.2 acres	
If known, estimated acres ⁵ of forest conversion from April 1 to October 31		
If known, estimated acres of forest conversion from June 1 to July 31 ⁶		
Does the project include timber harvest? (if yes, report acreage below)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Estimated total acres of timber harvest		
If known, estimated acres of timber harvest from April 1 to October 31		
If known, estimated acres of timber harvest from June 1 to July 31		
Does the project include prescribed fire? (if yes, report acreage below)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Estimated total acres of prescribed fire		
If known, estimated acres of prescribed fire from April 1 to October 31		
If known, estimated acres of prescribed fire from June 1 to July 31		
Does the project install new wind turbines? (if yes, report capacity in MW below)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Estimated wind capacity (MW)		

Agency Determination:

By signing this form, the action agency determines that this project may affect the NLEB, but that any resulting incidental take of the NLEB is not prohibited by the final 4(d) rule.

If the USFWS does not respond within 30 days from submittal of this form, the action agency may presume that its determination is informed by the best available information and that its project responsibilities under 7(a)(2) with respect to the NLEB are fulfilled through the USFWS January 5, 2016, Programmatic BO. The action agency will update this determination annually for multi-year activities.

The action agency understands that the USFWS presumes that all activities are implemented as described herein. The action agency will promptly report any departures from the described activities to the appropriate USFWS Field Office. The action agency will provide the appropriate USFWS Field Office with the results of any surveys conducted for the NLEB. Involved parties will promptly notify the appropriate USFWS Field Office upon finding a dead, injured, or sick NLEB.

Signature:  _____
Ben Thesing

Date Submitted: 7/3/18

⁴ Any activity that temporarily or permanently removes suitable forested habitat, including, but not limited to, tree removal from development, energy production and transmission, mining, agriculture, etc. (see page 48 of the BO).

⁵ If the project removes less than 10 trees and the acreage is unknown, report the acreage as less than 0.1 acre.

⁶ If the activity includes tree clearing in June and July, also include those acreage in April to October.

**ARDOT ENVIRONMENTAL VERIFICATION CHECKLIST
FOR CONSIDERATION OF POTENTIAL IMPACTS**

ARDOT Job Number 090430 FAP Number NHPP-0044(15)

Job Title Pigeon Creek Str. & Apprs. (S)

Environmental Resource	None	Minimal	Major	Comments-required for each item
Air Quality	X			No impacts anticipated
Cultural Resources	X			SHPO approved 2/9/2018
Economic	X			Will not be impacted by project
Endangered Species		X		USFWS documentation enclosed
Environmental Justice/Title VI	X			No minorities in project area
Fish and Wildlife		X		Temporary during construction
Floodplains		X		Floodplain permit required
Forest Service Property	X			None in project area
Hazardous Materials/Landfills	X			No hazardous materials in project area
Land Use	X			Will not be impacted by project
Migratory Birds		X		Migratory Bird SP required
Navigation/Coast Guard	X			No navigable waterways involved
Noise Levels	X			No increases due to project
Prime Farmland		X		NRCS-CPA-106 form enclosed
Protected Waters	X			None occur in project area
Public Recreation Lands	X			None in project area
Public Water Supply/WHPA	X			No public water supplies in project area
Relocates	X			No relocations
Section 4(f)/6(f)	X			No 4(f) resources present
Social	X			No impacts to the social environment
Underground Storage Tanks	X			No USTs in project area
Visual	X			No changes to visual environment
Streams		X		NW 14
Water Quality		X		Temporary during construction
Wetlands	X			None in project area
Wildlife Refuges	X			None in the area

Section 401 Water Quality Certification Required? No
 Short-term Activity Authorization Required? Yes
 Section 404 Permit Required? Yes Type NWP 14

Remarks: .

Signature of Evaluator  Date October 17, 2018

ROADWAY DESIGN REQUEST

Job Number 090430 FAP No. NHPP-0044(15) County Madison

Job Name Pigeon Creek Str. & Apprs. (S)

Design Engineer Primary Design Environmental Staff _____

Brief Project Description Replace a bridge structure with a Quint. 12'x10' R.C. Box Culvert

A. Existing Conditions:

Roadway Width: 28' Shoulder Type/Width: 3' Grass

Number of Lanes and Width: 2-11' Existing Right-of-Way: 100'

Sidewalks? No Location: N/A Width: N/A

Bike Lanes? No Location: N/A Width: N/A

B. Proposed Conditions:

Roadway Width: 40' Shoulder Type/Width: 8' (2' Paved)

Number of Lanes and Width: 2-12' Proposed Right-of-Way: 220'

Sidewalks? No Location: N/A Width: N/A

Bike Lanes? No Location: N/A Width: N/A

C. Construction Information:

If detour: Where: 104' downstream Length: 977'

D. Design Traffic Data:

2019 ADT: 1900 2039 ADT: 2200 % Trucks: 5
Design Speed: 55 m.p.h.

E. Approximate total length of project: 0.076 mile(s)

F. Justification for proposed improvements: Existing Bridge is structurally deficient.

G. Total Relocates: N/A Residences: N/A Businesses: N/A

H. Have you coordinated with any outside agencies (e.g., FHWA, City, County, etc.)? No

Agency/Official	Person Contacted	Date

PCN Checklist

Job Number and Name: _____

Natural Resource Employee: _____

(1) Does your project occur within (*or within a mile of*) a special resource waterbody (e.g. ERW, ESW, Natural and Scenic or Wild and Scenic)?

Yes No

If yes, PCN required and Individual Water Quality Certification

Name of waterbody: _____

(2) Is this a maintenance project involving removal of accumulated sediments near a bridge or culvert?

Yes No

(3) A NWP No 14:

A) With more than 0.1 acre impacts OR

B) A discharge into special aquatic site including wetlands OR

C) In one of the following counties: *Cleburne, Van Buren, Conway, Faulkner, or White?*

Yes No

(4) Is the project a NWP23?

Yes No

(5) Is the project in wetlands:

A) In *Ashley, Clay, Jackson, Lawrence, Woodruff or Craighead County* OR

B) Any of the following waters of the US: Fens, Bogs, Seeps, Dune Depressions OR

C) Cache River and adjacent wetlands downstream of Hwy 18?

Yes No

(6) Is the project in one of the following counties: *Benton or Stone?*

Yes No

(7) Is the project impacting one of the following creeks or rivers?

Antoine River	Frog Bayou	Little Missouri River (Below Greeson)		Saline River (below Dierks Reservoir) *Western	
Arkansas River	Illinois River	Little River (above and below Millwood)		Saline River	
Big Brushy Creek (Montgomery)	Muddy Fork	Little Red River		Alum Fork	Middle Fork
Black River	Irons Fork (Polk)	Devil's Forks	Big Creek	North Fork	South Fork
Brush Creek (Perry and Yell)	Ouachita River	Beech Creek	Middle Fork	Spring River	
Buffalo Creek (Polk)	Iron Fork	Turkey Creek	South Fork	South Fork	
Buffalo River	North Fork	Archey Creek		St. Francis River and Floodway	
Caddo River	South Fork	Mississippi River		Clark Corner Cutoff	Little Bay Ditch
Clear Fork (Scott)	Kings River	Mountain Fork River (Polk)		Cross County Ditch	Little Slough Ditch
Cassatot River	L'Anguille River	Muddy Creek		Ditches 10, 123, 60, 61, 9	St. Francis Bay
Current River	Lewis Creek (Polk)	Myatt Creek		Iron Mines Creek	Straight Slough
Eleven Point River	Little River (Northeast St. Francis Trib)	Rainy Creek (Montgomery)		Strawberry River	
Fiddlers Creek (Montgomery and Yell)	Left Hand Chute	Red River		Tyronza River	
Fourche LaFave River	Right Hand Chute	Robinson Creek (Polk and Sevier)		War Eagle Creek	
Dry Fork	All Ditches	Rolling Fork (Below DeQueen Reservoir)		White River	
South Fork	Little Brushy Creek (Montgomery)				

Yes No

If you selected yes to any of the questions above a PCN is required

(8) IF PCN is required, is the project in an impaired waterbody for turbidity/siltation, a waterbody with a TMDL for turbidity/siltation or within a mile of one the above?

Yes No

If yes individual Water Quality Certification Required.

Name of Waterbody: _____