



October 10, 2017

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

Re: Job Number 050325
FAP Number NHPP-0033(24)
Little Brushy Creek Str. & Apprs. (S)
Izard County
Tier 3 Categorical Exclusion

Dear Mr. Correa:

The Environmental Division has reviewed the referenced project and 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 this project is to replace an existing bridge over Little Brushy Creek with a box culvert on Highway 223 in Izard County. Total length of the project is 0.38 mile. A project location map is enclosed.

The existing roadway consists of two 10-foot wide paved travel lanes with 2-foot wide shoulders. Existing right of way width is 80 feet. The existing structure, Bridge Number M2377, is a single span, steel beam structure with a 29' x 26' concrete/asphalt deck. The structure is considered non-qualifying with a sufficiency rating of 49.0.

Proposed improvements include two 12-foot wide paved travel lanes with 8-foot wide shoulders. The existing bridge over Little Brushy Creek will be replaced with a new triple 10' x 10' x 94' concrete box culvert and a smaller 4' x 2' x 36' concrete box culvert. Construction of a temporary detour on the western (upstream) side of Highway 223 will require the placement of three 72" x 78' corrugated metal pipe culverts within Little Brushy Creek. This temporary detour will require an additional 2.4 acres of a

temporary construction easement. The proposed new average right of way width will be 150 feet. Approximately 3.5 acres of additional right of way will be required for this project.

Design data for this project is as follows:

Design Year	Average Daily Traffic	Percent Trucks	Design Speed
2020	3,250	10	55 mph
2040	3,900	10	55 mph

There are no relocations, environmental justice issues, or wellhead protection areas associated with this project. Field inspections found no evidence of existing underground storage tanks or hazardous waste deposits. Approximately 0.41 acre of farmland of statewide importance will be converted to highway right of way. Form NRCS-CPA-106 is enclosed.

The construction of this project will impact waters of the United States in an area estimated at 0.1 acre. The construction of this project should be covered under the terms of Nationwide 14 for Linear Transportation Crossings as defined in Federal Register 82(4):1860-2008.

The official species list obtained from the US Fish and Wildlife Service (USFWS) for the project identified three threatened and three endangered species as potentially occurring within the project boundaries. The gray bat (*Myotis grisescens*), Indiana bat (*Myotis sodalis*), northern long-eared bat (*Myotis septentrionalis*), pink mucket (*Lampsilis abrupta*), rabbitsfoot (*Quadrula cylindrica*) and Missouri bladderpod (*Physaria filiformis*) were identified as listed species that may occur within the project area.

The Department has determined that the project meets the criteria and conditions of a may affect, likely to adversely affect determination as outlined in the Range-wide Programmatic Consultation for Indiana bat. The Department will adhere to the required avoidance and minimization measuring identified in the enclosed Project Submittal Form including the preservation of 1.35 acres of forested habitat at the Departments Kings River Falls Site. A determination of may affect, but not likely to adversely affect determination was made for the northern long-eared bat as outlined in the enclosed Northern Long-Eared Bat 4(d) Rule Streamlined Consultation Form. A determination of may affect, but not likely to adversely affect was made for the gray bat based on the commitment to halt construction activities 1 hour prior to dusk until 1 hour after sunrise. An Off-site Restraining Conditions for Bats special provision will be included in the job.

Job Number 050325
Tier 3 Categorical Exclusion
Page 3 of 3

The pink mucket, rabbitsfoot, and Missouri bladderpod were also identified as possibly occurring within the project area. Based on the lack of habitat and distance to known species it is our determination that the proposed project will have no effect on these species. The USFWS concurred with the determinations on August 23, 2017 (letter enclosed).

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 569-2281.

APPROVED

Environmental Specialist
Federal Highway Administration
Date: 10/11/2017

Sincerely,

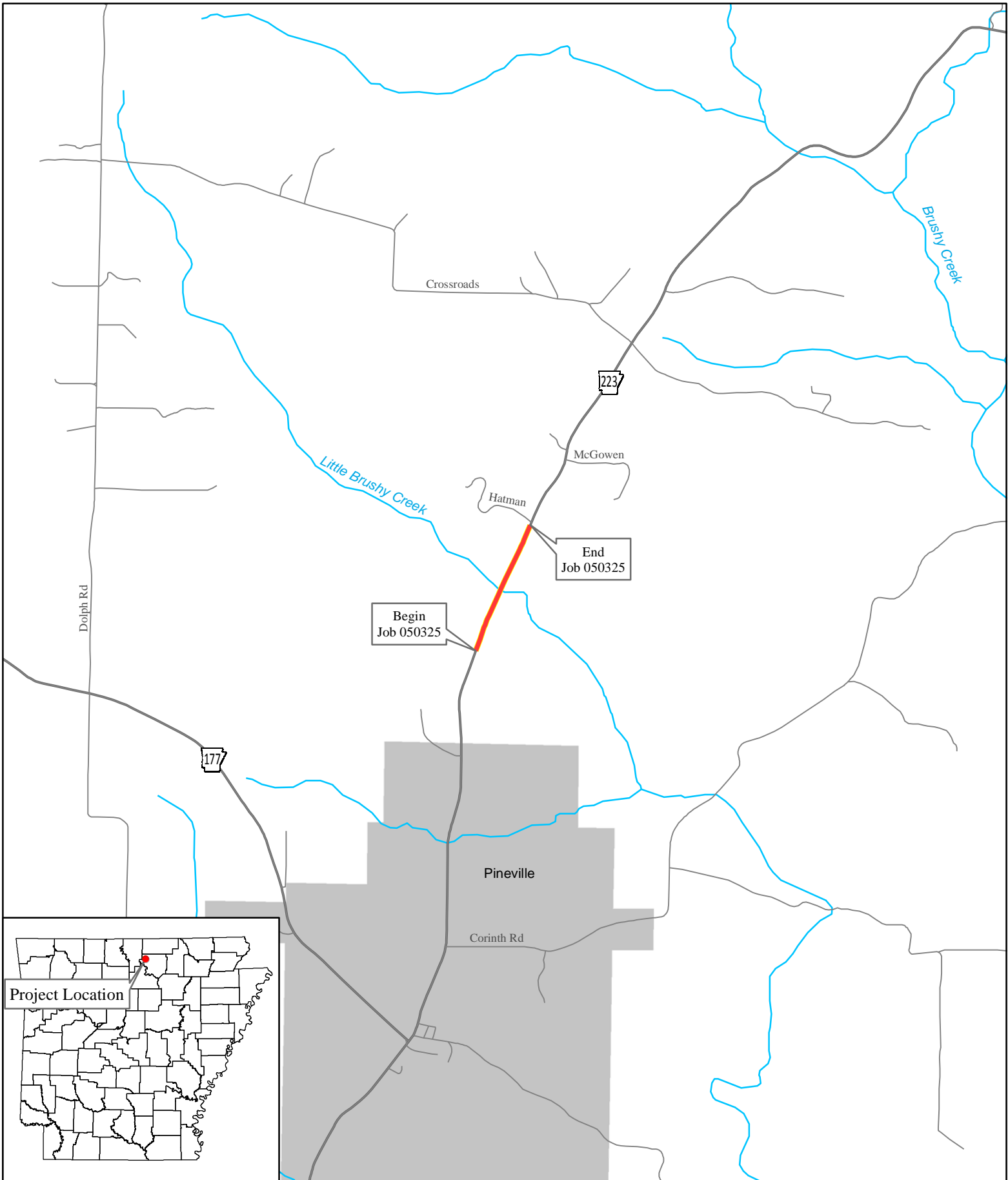


John Fleming
Division Head
Environmental Division

Enclosures

JF:TT:fc

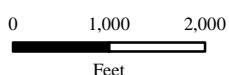
c: Program Management
Right of Way
Roadway Design
District 5
Master File



Begin
Job 050325

End
Job 050325

Project Location



ArDOT - Environmental GIS - Strawn
September 7, 2017

Job 050325
Little Brushy Creek
Str. & Apprs. (Hwy. 223)
IZard County

Project Location

ARKANSAS STATE HIGHWAY
AND
TRANSPORTATION DEPARTMENT

98747
FHWA

Scott E. Bennett, P. E.
Director
Telephone (501) 569-2000
Voice/TTY 711



P.O. Box 2261
Little Rock, Arkansas 72203-2261
Telefax (501) 569-2400
www.arkansashighways.com

July 11, 2017

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

RECEIVED
AHTD

JUL 17 2017

ENVIRONMENTAL
DIVISION

AHPP

JUL 12 2017

Re: AHTD Job Number 050325
Brushy Creek Str. & Apprs. (S)
Izard County

M2377

Dear Ms. Hurst:

A Project Identification Form for the referenced project is enclosed. Please review for concurrence with the findings of my staff. If you have any questions or require additional information, please contact Wm. Lane Shields of my staff at 501-569-2077.

Sincerely,

John Fleming
Division Head
Environmental Division

Enclosure
PIF

JF:DW:WLS:ym

Date JUL 12 2017

No known historic properties will be affected by this undertaking. This effect determination could change should new information come to light.

Arkansas State Historic Preservation Officer

JUL 12 2017

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

PART I (To be completed by Federal Agency) Job 050325		3. Date of Land Evaluation Request 9/29/17	4. Sheet 1 of _____
1. Name of Project Little Brushy Creek (Str & Apprs) (S)		5. Federal Agency Involved FHWA	
2. Type of Project Bridge replacement with box culvert		6. County and State IZARD 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				
B. Total Acres To Be Converted Indirectly, Or To Receive Services				
C. Total Acres In Corridor	7.58			

PART IV (To be completed by NRCS) Land Evaluation Information				
A. Total Acres Prime And Unique Farmland				
B. Total Acres Statewide And Local Important Farmland	0.41			
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				

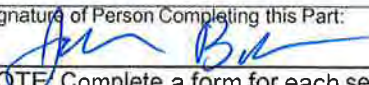
PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)

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	15			
2. Perimeter in Nonurban Use	10	10			
3. Percent Of Corridor Being Farmed	20	0			
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	0			
9. Effects Of Conversion On Farm Support Services	25	0			
10. Compatibility With Existing Agricultural Use	10	0			
TOTAL CORRIDOR ASSESSMENT POINTS	160	31			

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	31			
TOTAL POINTS (Total of above 2 lines)	260	131			

1. Corridor Selected: <input type="checkbox"/> New <input checked="" type="checkbox"/> Existing	2. Total Acres of Farmlands to be Converted by Project: 0.41 acres of Farmland of Statewide Importance	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>
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5. Reason For Selection:

Signature of Person Completing this Part:  DATE 10/10/17

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



August 23, 2017

Mr. John Fleming
c/o Clint Hutcheson
Arkansas Highway & Transportation Department
10324 Interstate 30
Little Rock, Arkansas 72209

TAILS: 04ER1000-2017-F-1211

RE: Brushy Creek Str. and Apprs. (Job 050325)

Dear Mr. Fleming,

The U.S. Fish and Wildlife Service (Service) is responding to your request dated August 22, 2017, to verify that the proposed Brushy Creek Str. and Apprs. (the Project) may rely on the December 15, 2016, Programmatic Biological Opinion (BO) for federally funded or approved transportation projects that may affect the Indiana Bat (*Myotis sodalis*) and/or Northern Long-eared Bat (NLEB) (*Myotis septentrionalis*). We received your request and the associated Project Submittal Form on August 22, 2017.

This letter provides the Service's response as to whether the Project may rely on the BO to comply with Section 7(a)(2) of the Endangered Species Act of 1973 (ESA) (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*) for its effects to the Indiana Bat and/or NLEB. This letter also responds to your request for Service concurrence that the Project may affect, but is not likely to adversely affect (NLAA) ESA-listed species and/or designated critical habitats other than the Indiana Bat and NLEB.

The Arkansas Department of Transportation has determined that the Project is *likely to adversely affect* (LAA) the Indiana Bat. Additionally, the Arkansas Department of Transportation has also determined that the Project is *not likely to adversely affect* (NLAA) Gray Bat (*Myotis grisescens*).

The Service concurs with these determination(s), because of the proximity of known species sites and foraging range to the project location and the occurrence of suitable foraging habitat for both species that exists on the site. A determination of LAA is appropriate based on the amount and distance from the existing roadway of suitable habitat being lost, the conservation measures being proposed, Winter Clearing (non-reproductive season), and the proposed implementation of all required AMMs. Furthermore, the distance to known Gray Bat roosting and hibernacula sites, time of day restrictions, Winter Clearing, Off-site Restraining Conditions, and standard sediment controls warrants a NLAA determination for this species. This concurrence concludes your ESA Section 7 responsibilities relative to Indiana Bat and Gray Bat for this Project, subject to the Reinitiation Notice below.

Conclusion

The Service has reviewed the effects of the proposed Project, which includes the Arkansas Department of Transportation's commitment to implement any applicable mitigation measures as indicated on the Project Submittal Form. We confirm that the proposed Project's effects are consistent with those analyzed in the BO. The Service has determined that projects consistent with the conservation measures and scope of the program analyzed in the BO are not likely to jeopardize the continued existence of the Indiana Bat and/or the NLEB. In coordination with your agency and the other sponsoring Federal Transportation Agencies, the Service will reevaluate this conclusion annually in light of any new pertinent information under the adaptive management provisions of the BO.

Incidental Take

Indiana Bat

The Service anticipates that tree removal associated with the proposed Project will cause incidental take of Indiana Bats. As described in the Incidental Take Statement (ITS) of the BO, such taking will be difficult to detect. The Service determined that it is appropriate to measure the amount or extent of incidental taking resulting from BO projects using the proposed acreage of tree removal from Indiana Bat suitable habitat as a surrogate for the numbers of individuals taken.

The proposed Project will remove 0.9 acres of trees from habitat that is suitable for the Indiana Bat. All tree removal will occur in winter and comply with all other conservation measures in the BO. Based on the BO, 0.9 acres are anticipated to result in adverse effects and the Arkansas Department of Transportation will provide 1.35 acres (ratio 1.5/1) of forested habitat preservation at the King River Falls Site near Witter, AR.

In addition, the Project may take up to 5 Indiana Bats that were not detected during bridge bat assessments conducted prior to implementing the proposed work on the Brushy Creek Bridge. Although such take is reasonably certain to occur at up to 10 bridge projects per year as included in the scope of the BO, it is a remote possibility for any individual project that is implemented consistent with the conservation measures of the BO.

The Service will add the acreage of Project-related tree removal to the annual total acreage attributed to the BO as a surrogate measure of Indiana Bat take and exempted from the prohibitions against incidental taking. Such exemption is effective as long as your agency implements the reasonable and prudent measure (RPM) and accompanying terms and conditions of the BO's ITS.

The sole RPM of the BO's ITS requires the Federal Transportation Agencies to ensure that State/Local transportation agencies, who choose to include eligible projects under the programmatic action, incorporate all applicable conservation measures in the project proposals submitted to the Service for ESA section 7 compliance using the BO. The implementing terms and conditions for this RPM require the Federal Transportation Agencies to offer training to appropriate personnel about using the BO, and about promptly reporting sick, injured, or dead bats (regardless of species) (or any other federally listed species) located in project action areas.

Northern Long-eared Bat

The Service anticipates that tree removal associated with the proposed Project will cause incidental take of NLEBs. However, the Project is consistent with the BO, and such projects will not cause take of NLEB that is prohibited under the ESA section 4(d) rule for this species (50 CFR §17.40(o)). Therefore, the take of NLEBs resulting from this project does not require exemption from the Service.

Reporting Dead or Injured Bats

The Arkansas Department of Transportation, its State/Local cooperators, and any contractors must take care when handling dead or injured Gray Bats, Indiana Bats and/or NLEBs, or any other federally listed species that are found at the Project site to preserve biological material in the best possible condition and to protect the handler from exposure to diseases, such as rabies. Project personnel are responsible for ensuring that any evidence about determining the cause of death or injury is not unnecessarily disturbed. Reporting the discovery of dead or injured listed species is required in all cases to enable the Service to determine whether the level of incidental take exempted by this BO is exceeded, and to ensure that the terms and conditions are appropriate and effective. Parties finding a dead, injured, or sick specimen of any endangered or threatened species must promptly notify this Service Office.

Reinitiation Notice

This letter concludes consultation for the proposed Project, which qualifies for inclusion in the BO issued to the Federal Transportation Agencies. To maintain this inclusion, a reinitiation of this Project-level consultation is required where the Arkansas Department of Transportation's discretionary involvement or control over the Project has been retained (or is authorized by law) and if:

1. the amount or extent of incidental take of Indiana Bat is exceeded;
2. new information reveals that the Project may affect listed species or critical habitat in a manner or to an extent not considered in the BO or in the Project information that supported Service concurrence with the NLAA determination;

3. the Project is subsequently modified in a manner that causes an effect to listed species or designated critical habitat not considered in the BO or in the Project information that supported Service concurrence with NLAA determination; or
4. a new species is listed or critical habitat designated that the Project may affect.

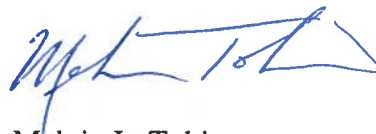
Per condition #1 above, the anticipated incidental take is exceeded when:

- the Project removes trees from more than 0.9 acres of habitat suitable for the Indiana Bat; or
- the Project takes more than 5 Indiana Bats resulting from work on the Brushy Creek Bridge.

In instances where the amount or extent of incidental take is exceeded, the Arkansas Department of Transportation is required to immediately request a reinitiation of formal consultation. Please note that the Service cannot exempt from the applicable ESA prohibitions any Action-caused take that exceeds the amount or extent specified in the ITS of this BO that may occur before the reinitiated consultation is concluded.

We appreciate your continued efforts to ensure that this Project is fully consistent with all applicable provisions of the BO. 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,

A handwritten signature in blue ink, appearing to read "Melvin L. Tobin".

Melvin L. Tobin
Field Supervisor



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:

July 28, 2017

Consultation Code: 04ER1000-2017-SLI-1064

Event Code: 04ER1000-2017-E-01573

Project Name: Brushy Creek Str. and Apprs. (S)

Subject: 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: 04ER1000-2017-SLI-1064

Event Code: 04ER1000-2017-E-01573

Project Name: Brushy Creek Str. and Apprs. (S)

Project Type: BRIDGE CONSTRUCTION / MAINTENANCE

Project Description: Replacing the existing bridge over Brushy Creek with a new triple box culvert.

Project Location:

Approximate location of the project can be viewed in Google Maps:

<https://www.google.com/maps/place/36.182824743372436N92.10183437391812W>



Counties: IZARD, 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. 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.

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 a final critical habitat designated for this species. Your location is outside the designated 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

Clams

NAME	STATUS
Pink Mucket (pearlymussel) <i>Lampsilis abrupta</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7829	Endangered
Rabbitsfoot <i>Quadrula cylindrica cylindrica</i> There is a final critical habitat designated for this species. Your location is outside the designated 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.

ARDOT ENVIRONMENTAL IMPACTS ASSESSMENT FORM


ARDOT Job Number 050325 FAP Number NHPP-0033(24)

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

Environmental Impacts	None	Minor	Significant	Comments
Air Quality	X			
Construction Impacts		X		Temporary
Cultural Resources	X			SHPO clearance July 12, 2017
Economic	X			
Endangered Species		X		USFWS Concurrence 8/23/2017
Energy Resources	X			
Environmental Justice/Title VI	X			
Fish and Wildlife		X		During construction
Floodplains	X			
Forest Service Property	X			
Hazardous Materials/Landfills	X			
Land Use Impacts	X			
Migratory Birds	X			
Navigation/Coast Guard	X			
Noise Levels	X			
Prime Farmland		X		0.41 acre, NRCS-CPA-106 enclosed
Protected Waters	X			
Public Recreation Lands	X			
Public Water Supply/WHPA	X			
Relocatees	X			
Section 4(f)/6(f)	X			
Social	X			
Underground Storage Tanks	X			
Visual Impacts	X			
Stream Impacts		X		Nationwide 14 Permit
Water Quality		X		Temporary during construction
Wetlands	X			
Wildlife Refuges	X			

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

Remarks: _____

Signature of Evaluator  Date September 11, 2017

ROADWAY DESIGN REQUEST

Job Number 050325 FAP No. NHPP-0033(24) County Izard

Job Name Little Brushy Creek Str. & Apprs. (S)

Design Engineer David Baker Environmental Staff TT/LS/CH

Brief Project Description Bridge Replacement

A. Existing Conditions:

Roadway Width: 24' Shoulder Type/Width: 2'

Number of Lanes and Width: 2 @ 10' Existing Right-of-Way: 80' AVG.

Sidewalks? No Location: _____ Width: _____

Bike Lanes? No Location: _____ Width: _____

B. Proposed Conditions:

Roadway Width: 40' Shoulder Type/Width: 8'

Number of Lanes and Width: 2 @ 12' Proposed Right-of-Way: 150' AVG.

Sidewalks? No Location: _____ Width: _____

Bike Lanes? No Location: _____ Width: _____

C. Construction Information:

If detour: Where: West of existing road Length: 1900 ft.

D. Design Traffic Data:

2020 ADT: 3250 2040 ADT: 3900 % Trucks: 10

Design Speed: 55 m.p.h.

E. Approximate total length of project: .417 mile(s)

F. Justification for proposed improvements: Bridge Replacement Required

G. Total Relocates: 0 Residences: 0 Businesses: 0

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

Agency/Official	Person Contacted	Date