

**TIER 3 CATEGORICAL EXCLUSION**

**ARDOT JOB NUMBER BR2605  
FAP NUMBER STPB-0026(36)  
LOST CR. & S. FORK LITTLE MAZARN CR. STRS. & APPRS. (S)  
COUNTY ROAD 63  
BRIDGE NUMBERS 13151 & 13152  
GARLAND COUNTY**

Submitted Pursuant to 42 U.S.C. 4332(2)

By the

U.S. Department of Transportation

Federal Highway Administration

And the

Arkansas Department of Transportation

February 2019

3/4/2019

Date of Approval



Randal Looney  
Environmental Coordinator  
Federal Highway Administration

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 this project is to replace bridges over Lost Creek and the South Fork of Little Mazarn Creek along Garland County Road 63. Total length of the project is 0.6 mile. A project location map is enclosed.

The existing roadway consists of two 10' wide paved travel lanes with no shoulders. The Lost Creek Bridge (#13151) is a 68' x 20' structure and the South Fork of Little Mazarn Creek Bridge (#13152) is a 90' x 20' structure. Both structures are considered functionally obsolete and structurally deficient. There is no existing right of way of record in the project area.

Proposed improvements include two 11' wide paved travel lanes with 4' wide gravel shoulders. The proposed Lost Creek Bridge will be a 120' x 20' structure. The South Fork of the Little Mazarn Creek Bridge will be a 203' x 30' structure. Both bridges will be replaced on existing location and detour routes will be utilized during construction. The proposed right of way width will be 80 feet at Lost Creek and 95 feet at the South Fork of Little Mazarn Creek. Approximately 7.45 acres of 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
2019	1,200	3	40 mph
2039	1,300	3	40 mph

There are no relocations, environmental justice issues, or cultural resources associated with this project. Concurrence from the State Historic Preservation Officer is enclosed. Field inspections found no evidence of existing underground storage tanks or hazardous waste deposits. Approximately 0.38 acre of Prime Farmland will be converted to highway right of way. Form NRCS-CPA-106 is enclosed.

The official species list obtained through US Fish and Wildlife Service's (USFWS) Information for Planning and Consultation website identifies the following federally listed species as having the potential to occur in the project area: northern long-eared bat (*Myotis septentrionalis*), Rabbitsfoot (*Theliderma cylindrica*), harperella (*Ptilimnium nodosum*) and Missouri bladderpod (*Physaria filiformis*). A 'no effect' determination was made for all federally listed species due to the lack of habitat in the project area. Please see the enclosed USFWS Official Species List.

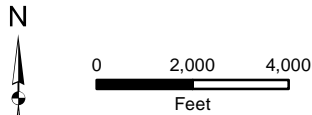
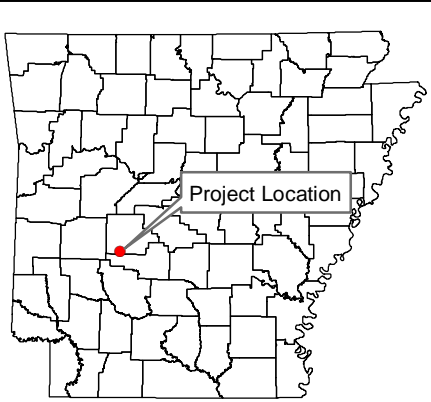
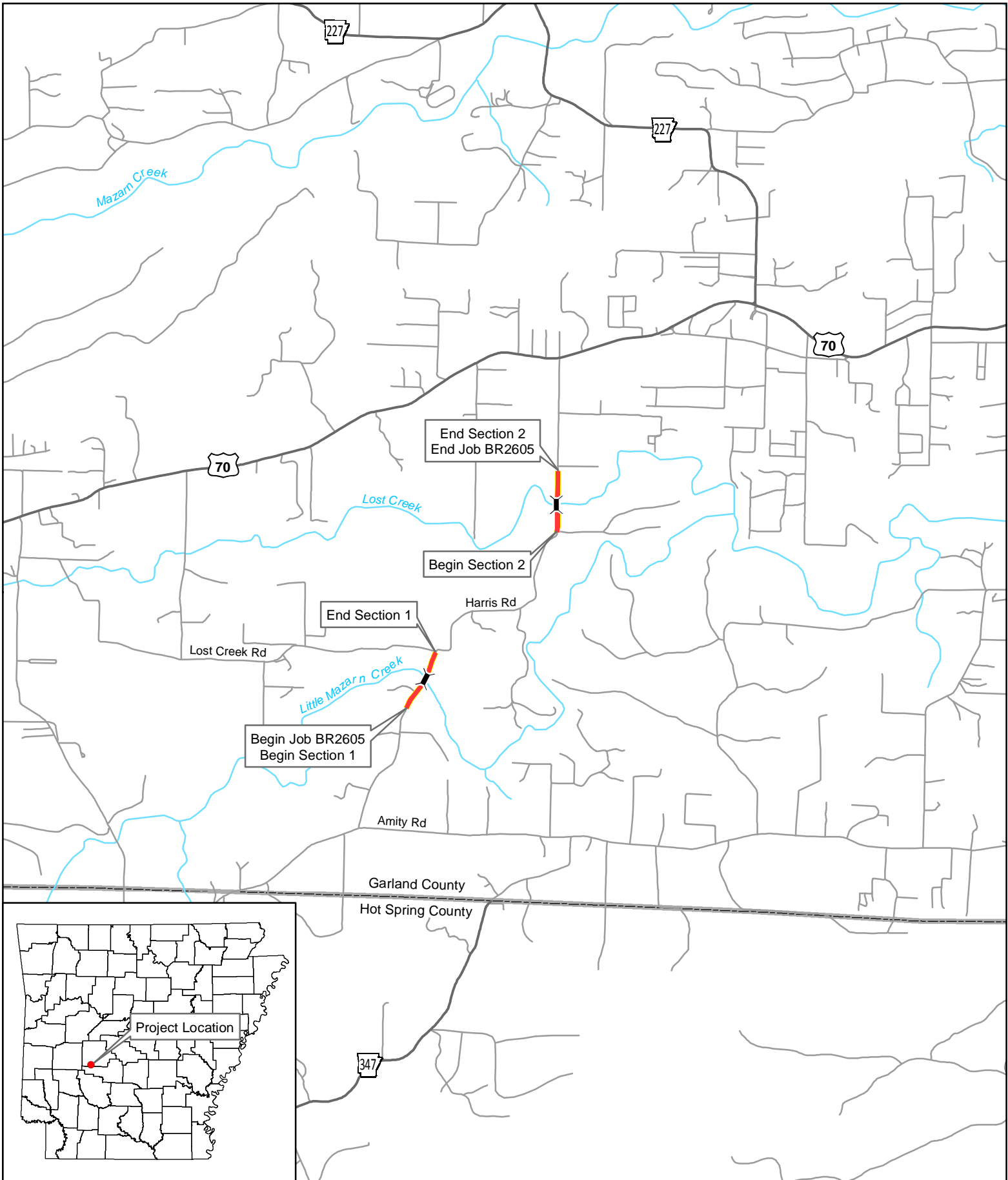
The Final 4(d) Rule and Programmatic Biological Opinion (BO) applies to the project's activities that have the potential to affect northern long-eared bats. The Final 4(d) Rule exempts the incidental take of northern long-eared bats from take prohibitions in the Endangered Species Act. The exemptions apply as long as the activities do not occur within 0.25 mile of a known hibernaculum or within 150 feet of a known occupied maternity roost from June 1 to July 31. No known hibernacula or maternity roosts exist within the project limits; therefore, the project may proceed without any restrictions. All offsite locations will require coordination with USFWS. Please see the 4(d) Rule Streamlined Checklist.

At Lost Creek, permanent wetland impacts are estimated at 0.23 acre, while temporary impacts are estimated at less than 0.1 acre. Stream impacts are estimated at less than 0.1 acre at both the Lost Creek and South Fork Little Mazarn Creek sites. Construction of the proposed project should be allowed under the terms of a Nationwide 14 Section 404 Permit for Linear Transportation Projects as defined in the Federal Register 82(4):1860-2008. Compensatory mitigation will be provided at the Department's Upper Saline Mitigation Bank in Saline County.

This project has been determined to generate minimal air quality impacts for Clean Air Act criteria pollutants and has not been linked with any special mobile source air toxic (MSAT) concerns. As such, this project will not result in changes in traffic volumes, vehicle mix, basic project location, or any other factor that would cause a meaningful increase in MSAT impacts of the project from that of the no-build alternative.


Noise predictions have been made for this project utilizing the Federal Highway Administration's TNM (Traffic Noise Model) 2.5 procedures. These predictions indicate that there will be no unacceptable increase in noise levels extending beyond the project right of way limits and that no noise sensitive receptors are affected. In compliance with federal guidelines, local authorities will not require notification.

Garland County participates in the National Flood Insurance Program. The project is located in a Zone A Special Flood Hazard Area as designated by the National Flood Insurance Program. 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 project construction. None of the encroachments will constitute a substantial floodplain encroachment or a risk to property or life.



ARDOT - Environmental GIS - Strawn  
November 29, 2018

**Job BR2605**  
**Lost Cr. & S. Fork Little Mazarn Cr.**  
**Strs. & Apprs.**  
**Garland County**

 Project Location

## Couser, Felicia

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**From:** Theresa Russell <Theresa.Russell@arkansas.gov>  
**Sent:** Thursday, December 6, 2018 1:56 PM  
**To:** Boykin, Kristina; Environmental Clearance  
**Cc:** Theresa Russell  
**Subject:** Job No. BR2605 – Bridge Replacement – Garland County – AHPP No. 102676

The staff of the Arkansas Historic Preservation Program has reviewed the documentation submitted for two Bridge Replacements for Job 0BR2605. Based on the information provided, we concur that the proposed undertaking will have no effect on historic properties as ARDOT Bridges 13151 and 13152 are not eligible for listing in the National Register of Historic Places. This effect determination could change should additional information come to light. Your hard copy should go out soon.

Theresa Russell  
Section 106 Structure Reviewer



### **Arkansas Historic Preservation Program**

*A division of the Department of Arkansas Heritage*  
1100 North Street | Little Rock, AR 72201  
email: [theresa.russell@arkansas.gov](mailto:theresa.russell@arkansas.gov)  
office: 501.324.9357  
fax: 501.324.9184  
[ArkansasPreservation.com](http://ArkansasPreservation.com)  
[Facebook](#) | [Twitter](#)  
#AuthenticArkansas  
#ArkansasPreservation



THE DEPARTMENT OF ARKANSAS  
**HERITAGE**

Asa Hutchinson  
*Governor*

Stacy Hurst  
*Director*

December 6, 2018

**RECEIVED  
ARDOT**

**DEC 12 2018**

**ENVIRONMENTAL  
DIVISION**

Mr. John Fleming  
Division Head  
Environmental Division  
Arkansas State Highway and Transportation Department  
PO Box 2261  
Little Rock, AR 72203-2261

Arkansas Arts Council

Arkansas Historic  
Preservation Program

Arkansas Natural  
Heritage Commission

Arkansas State Archives

Delta Cultural Center

Historic Arkansas Museum

Mosaic Templars  
Cultural Center

Old State House Museum

RE: Garland County – General  
Section 106 Review – FHWA  
Lost Cr. & S. Fork Little Mazarn Cr. Strs. & Apprs. (S) BR 2605  
S. Harris Road  
AHPP Tracking Number 102676

Dear Mr. Fleming:

The staff of the Arkansas Historic Preservation Program (AHPP) has reviewed the documents included with your letter of November 14, 2018.

We have determined that ARDOT Bridges 13151 and 13152 are not eligible for listing in the National Register of Historic Places (NRHP) and no further work is required.

Tribes that have expressed an interest in the area include the Caddo Nation (Ms. Tamara Francis), the Osage Nation (Dr. Andrea Hunter), the Quapaw Nation of Oklahoma (Mr. Everett Bandy), and the Shawnee Tribe of Oklahoma (Ms. Tonya Tipton). We recommend that they be consulted in accordance with 36 CFR § 800.2 (c) (2).

Once the undertaking is further along in the planning stages, we look forward to reviewing the proposed project. If you should have any questions or comments, please do not hesitate to contact Theresa Russell of my staff at (501)-324-9880.

Sincerely,

Scott Kaufman  
Director, AHPP

cc: Mr. Randal Looney, Federal Highway Administration  
Dr. Ann Early, Arkansas Archeological Survey



ARKANSAS HISTORIC  
PRESERVATION PROGRAM



1100 North Street  
Little Rock, AR 72201

(501) 324-9880  
fax: (501) 324-9184

[info@arkansaspreservation.org](mailto:info@arkansaspreservation.org)  
[www.arkansaspreservation.com](http://www.arkansaspreservation.com)

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

<b>PART I (To be completed by Federal Agency)</b> Job BR2605	3. Date of Land Evaluation Request 2/14/2019	4. Sheet 1 of _____
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1. Name of Project Lost Cr. & S. Fork Little Mazarn Cr. Strs. & Apprs. (S)	5. Federal Agency Involved FHWA
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2. Type of Project Two Bridge Replacements	6. County and State Garland AR.
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<b>PART II (To be completed by NRCS)</b>	1. Date Request Received by NRCS	2. Person Completing Form
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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
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5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: %	7. Amount of Farmland As Defined in FPPA Acres: %
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8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS
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<b>PART III (To be completed by Federal Agency)</b>	<b>Alternative Corridor For Segment</b>			
	Corridor A	Corridor B	Corridor C	Corridor D

A. Total Acres To Be Converted Directly				
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B. Total Acres To Be Converted Indirectly, Or To Receive Services				
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C. Total Acres In Corridor				
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<b>PART IV (To be completed by NRCS) Land Evaluation Information</b>				
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A. Total Acres Prime And Unique Farmland	0.38			
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B. Total Acres Statewide And Local Important Farmland	0			
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C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted				
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D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value				
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<b>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)</b>				
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<b>PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))</b>	<b>Maximum Points</b>				
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1. Area in Nonurban Use	15	15			
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2. Perimeter in Nonurban Use	10	10			
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3. Percent Of Corridor Being Farmed	20	2			
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4. Protection Provided By State And Local Government	20	0			
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5. Size of Present Farm Unit Compared To Average	10	2			
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6. Creation Of Nonfarmable Farmland	25	0			
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7. Availability Of Farm Support Services	5	5			
--	---	---	--	--	--

8. On-Farm Investments	20	0			
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9. Effects Of Conversion On Farm Support Services	25	0			
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10. Compatibility With Existing Agricultural Use	10	0			
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TOTAL CORRIDOR ASSESSMENT POINTS	<b>160</b>	34			
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<b>PART VII (To be completed by Federal Agency)</b>					
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Relative Value Of Farmland (From Part V)	<b>100</b>	100			
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Total Corridor Assessment (From Part VI above or a local site assessment)	<b>160</b>	34			
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<b>TOTAL POINTS (Total of above 2 lines)</b>	<b>260</b>	134			
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1. Corridor Selected:  On existing location	2. Total Acres of Farmlands to be Converted by Project: 0.38 acres of Prime Farmland	3. Date Of Selection:  February 14, 2019	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 February 14, 2019
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*John Baber*

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



## 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:

February 06, 2019

Consultation Code: 04ER1000-2019-SLI-0439

Event Code: 04ER1000-2019-E-00826

Project Name: BR2605 Lost Creek & South Fork of Little Mazarn Creek Strs. & Apprs.

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.**

**If you determine that this project will have no effect on listed species and their habitat in any way, then you have completed Section 7 consultation with the Service and may use this letter in your project file or application.**

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](http://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

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## Project Summary

Consultation Code: 04ER1000-2019-SLI-0439

Event Code: 04ER1000-2019-E-00826

Project Name: BR2605 Lost Creek & South Fork of Little Mazarn Creek Strs. & Apprs.

Project Type: BRIDGE CONSTRUCTION / MAINTENANCE

Project Description: The project proposes to replace two bridges--one over Lost Creek and another over Little Mazarn Creek--in Garland County. The location outlined has each of the bridges at either end of line drawn.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/34.42213293680926N93.24032306671143W>



Counties: Garland, AR

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## Endangered Species Act Species

There is a total of 4 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 Fisheries<sup>1</sup>, 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
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/9045">https://ecos.fws.gov/ecp/species/9045</a>	Threatened

### Clams

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

### Flowering Plants

NAME	STATUS
Harperella <i>Ptilimnium nodosum</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/3739">https://ecos.fws.gov/ecp/species/3739</a>	Endangered
Missouri Bladderpod <i>Physaria filiformis</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/5361">https://ecos.fws.gov/ecp/species/5361</a>	Threatened

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## Critical habitats

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

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## 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**

Information to Determine 4(d) Rule Compliance:	YES	NO
1. Does the project occur wholly outside of the WNS Zone <sup>1</sup> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Have you contacted the appropriate agency <sup>2</sup> 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 Applicant**<sup>3</sup> (Name, Email, Phone No.): Arkansas Department of Transportation (ARDOT), Kayti Ewing, anne.ewing@ardot.gov, 501-569-2083

**Project Name:** 0BR2605 Lost Cr. & S. Fork Little Mazarn Cr. Strs. & Apprs.

**Project Location** (include coordinates if known): Garland County, 34.429814°, -93.233298°; 34.414314°, -93.247452°

**Basic Project Description** (provide narrative below or attach additional information): ARDOT proposes to replace two bridges, one over Lost Creek and one over the South Fork of Little Mazarn Creek.

### General Project Information

**YES    NO**

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

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

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

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 <sup>4</sup> ? (if yes, report acreage below)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Estimated total acres of forest conversion	~ 1 acre	
If known, estimated acres <sup>5</sup> of forest conversion from April 1 to October 31		
If known, estimated acres of forest conversion from June 1 to July 31 <sup>6</sup>		
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: \_\_\_\_\_ *Kayti Ewing* \_\_\_\_\_

Date Submitted: \_\_\_\_\_ 2/11/2019 \_\_\_\_\_

<sup>4</sup> 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).

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

<sup>6</sup> 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**

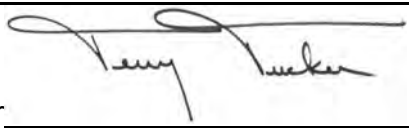
ArDOT Job Number BR2605 FAP Number STPB-0026(36)

Job Title Lost Cr. & S. Fork Little Mazarn Cr. Strs. & Apprs. (S)

Environmental Resource	None	Minimal	Major	Comments-required for each item
Air Quality	X			No air quality impacts anticipated
Cultural Resources	X			SHPO approval letter attached
Economic	X			Will not be impacted by project
Endangered Species	X			'No effect' determination and 4(d) Rule applies for Northern Long-Eared Bat
Environmental Justice/Title VI	X			No protected populations in project area
Fish and Wildlife		X		Temporary during construction
Floodplains		X		Floodplain SP required
Forest Service Property	X			None in project area
Hazardous Materials/Landfills	X			No sites 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			None in project area
Protected Waters	X			None occur in project area
Public Recreation Lands	X			None in project area
Public Water Supply/WHPA		X		Off-site area SP needed
Relocates	X			No relocations
Section 4(f)/6(f)	X			No 4(f)/6(f) resources not 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		Total stream impacts less than 0.1 acre @ each site. NW14
Water Quality		X		Temporary during construction
Wetlands		X		0.23 acre permanent wetland impacts; <0.1 acre of temporary wetland impacts
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 NW14

Remarks: \_\_\_\_\_



Signature of Evaluator \_\_\_\_\_ Date February 12, 2019

Date Submitted \_\_\_\_\_

Date Returned \_\_\_\_\_

### STATE AID DESIGN REQUEST

Job Number BR2605-Lost Creek FAP Number \_\_\_\_\_ County Garland

Job Name Lost Cr. & S. Fork Little Mazarn Cr. Strs. & Apprs. (S)

Design Engineer: Eleanor Goins Environmental Staff: Terry Tucker

Brief Project Description: Replacement of 68 ft. span bridge with a 120 ft. long bridge.

A. Existing Conditions:

- 1. Roadway Width: Metric \_\_\_\_\_ English 20.0 ft.
- 2. Shoulder Width: Metric \_\_\_\_\_ English 2 ft.
- 3. Number of Lanes and Width: Metric \_\_\_\_\_ English 2 lanes – 10 ft.
- 4. Existing Right-of-Way: Metric \_\_\_\_\_ English \_\_\_\_\_

B. Proposed Improvements:

- 1. Roadway Width: Metric \_\_\_\_\_ English 22 ft.
- 2. Shoulder Width: Metric \_\_\_\_\_ English 4 ft.
- 3. Number of Lanes and Width: Metric \_\_\_\_\_ English 2 lanes – 11 ft. each
- 4. Average Right-of-Way: Metric \_\_\_\_\_ English 80 ft.

If bridge(s) will be replaced by culverts give dimensions: 120 ft. long bridge

C. Construction Information:

If detour: Where: The road will be closed during construction.

Length: *English* N/A

D. Design Data:

2019 ADT: 1205 2039 ADT: 1305 Trucks: 3%

Design Speed: 40 m.p.h

E. Approximate total length of project: \_\_\_\_\_ kilometer(s) 0.32 mile(s)

F. Justification for proposed improvements: Functionally obsolete and structurally deficient

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

H. Have you coordinated with any of the following: (Provide name and date.)

County Officials Judge Darryl Mahoney January 30, 2019

State Agency \_\_\_\_\_

Federal Agency \_\_\_\_\_

Date Submitted \_\_\_\_\_

Date Returned \_\_\_\_\_

### STATE AID DESIGN REQUEST

Job Number BR2605-Mazarn Creek FAP Number \_\_\_\_\_ County Garland

Job Name Lost Creek & South Fork Little Mazarn Creek Strs. & Apprs. (S)

Design Engineer: Eleanor Goins Environmental Staff: Terry Tucker

Brief Project Description: Replacement of 94 ft. span bridge with a 202.60 ft. span bridge.

A. Existing Conditions:

- 1. Roadway Width: Metric \_\_\_\_\_ English 20.0 ft.
- 2. Shoulder Width: Metric \_\_\_\_\_ English 2 ft.
- 3. Number of Lanes and Width: Metric \_\_\_\_\_ English 2 lanes – 10 ft.
- 4. Existing Right-of-Way: Metric \_\_\_\_\_ English \_\_\_\_\_

B. Proposed Improvements:

- 1. Roadway Width: Metric \_\_\_\_\_ English 22 ft.
- 2. Shoulder Width: Metric \_\_\_\_\_ English 4 ft.
- 3. Number of Lanes and Width: Metric \_\_\_\_\_ English 2 lanes – 11 ft. each
- 4. Average Right-of-Way: Metric \_\_\_\_\_ English 95 ft.

If bridge(s) will be replaced by culverts give dimensions: 202.6 ft. span bridge

C. Construction Information:

If detour: Where: The road will be closed to traffic until the bridge is replaced.  
Length: English N/A

D. Design Data:

2019 ADT: 1205      2039 ADT: 1305      Trucks: 3%  
Design Speed: 40 m.p.h

E. Approximate total length of project: \_\_\_\_\_ kilometer(s) 0.28 mile(s)

F. Justification for proposed improvements: Functionally obsolete and structurally deficient

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

H. Have you coordinated with any of the following: (Provide name and date.)

County Officials Judge Darryl Mahoney January 30, 2019  
State Agency \_\_\_\_\_  
Federal Agency \_\_\_\_\_