



November 21, 2017

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

Re: Job Number 040729  
FAP Number STPR-0072(52)  
Benton Co. Line - East (S)  
Washington 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 rehabilitate a portion of Highway 16 in Washington County. Work will include ultra-thin bonded wearing course on the roadway, hydro-demolition of the Illinois River bridge, and joint work. The existing cross-section will not change as a result of the proposed project and no additional right of way will be required. A project location map is enclosed.

There are no relocations, wetlands, hazardous materials, or prime farmland impacts associated with this project. No impacts to cultural resources are anticipated; concurrence from the State Historic Preservation Officer is enclosed.

The official species list obtained through the US Fish and Wildlife Services' (USFWS) Information for Planning and Consultation Website identifies nine threatened and endangered species as potentially occurring in the project area. The species are the gray bat (*Myotis grisescens*), Indiana bat (*Myotis sodalis*), northern long-eared bat (*Myotis septentrionalis*), Ozark big-eared bat (*Corynorhinus townsendii ingens*), Piping Plover (*Charadrius melodus*), Ozark cavefish (*Amblyopsis rosae*), Neosho Mucket (*Lampsilis rafinesqueana*), Rabbitsfoot (*Theliderma cylindrica*), and Missouri Bladderpod (*Physaria filiformis*). Critical habitat for the Neosho Mucket was also listed as present within the project area. The project was determined to have no effect on the Piping Plover due to a

lack of suitable habitat in the project area. Due to the limited scope of the action, minimal adjacent habitat, distance to known species locations, and the inclusion of a special provision governing hydrodemolition procedures, the determination was made that the project may affect, but was not likely to adversely affect all other listed species and the critical habitat for Neosho Mucket. The USFWS correspondence is 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.

Sincerely,

**APPROVED**  
  
Environmental Specialist  
Federal Highway Administration  
Date: 11/22/2017

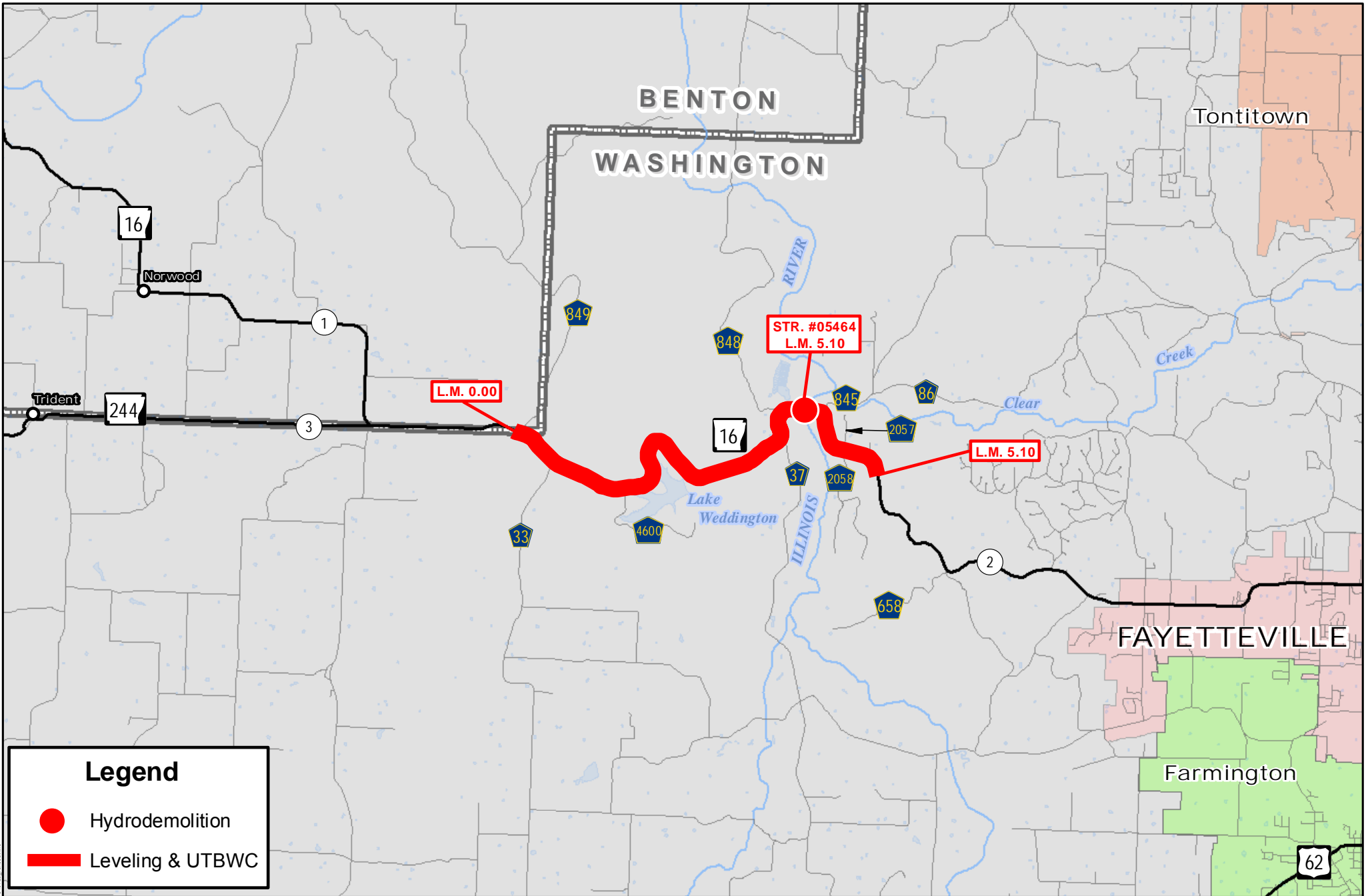


John Fleming  
Division Head  
Environmental Division

Enclosures

JF:JB:fc

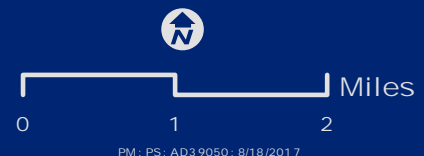
c: Program Management  
Right of Way  
District 4  
Master File



**Legend**

- Hydrodemolition
- Leveling & UTBWC

**Job 040729**  
 Benton Co. Line - East (S)  
 Hwy. 16, Sec. 2  
 Washington County



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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

October 18, 2017

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

AHPP

OCT 19 2017

99502

FHWA  
RECEIVED  
AHTD

OCT 23 2017

ENVIRONMENTAL  
DIVISION

RE: Job Number 040729  
Benton Co. Line – East (S)  
Washington County

Dear Ms. Hurst:

Please find enclosed a Project Identification Form (PIF) for the above referenced project. If you have any questions or require additional information about the project, please contact Kristina Boykin of my staff at (501) 569-2079.

Sincerely,

John Fleming  
Division Head  
Environmental Division

Enclosures  
PIF

JF:DW:MH:ym

Date 10/20/2017

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



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



October 30, 2017

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

Dear Mr. Fleming,

The U.S. Fish and Wildlife Service (Service) is responding to your request dated October 23, 2017, regarding Arkansas Department of Transportation Job Number 040729 Pavement preservation in Washington County, AR. The project was described and assessed as follows (abbreviated):

The project will consist of Ultra-Thin Bonded Wearing Course overlay and some bridge rehabilitation including hydrodemolition on Hwy 16 bridge over the Illinois River. In addition to the normal best management practices, Special Provisions (attached in the submittal) will be added to the contract as conservation measures to minimize potential effects to listed resources.

The following species were identified by the Information for Planning and Consultation (IPaC) website as occurring in the vicinity of this action:

There is a total of 9 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.

Gray Bat *Myotis grisescens*  
Indiana Bat *Myotis sodalis*  
Northern Long-eared Bat *Myotis septentrionalis*  
Ozark Big-eared Bat *Corynorhinus (=Plecotus) townsendii ingens*  
Piping Plover *Charadrius melodus*  
Ozark Cavefish *Amblyopsis rosae*  
Neosho Mucket *Lampsilis rafinesqueana*  
Rabbitsfoot *Quadrula cylindrica cylindrica*  
Missouri Bladderpod *Physaria filiformis*

Mr. John Fleming

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Critical Habitat:

Neosho Mucket *Lampsilis rafinesqueana*

Due to the limited scope of the action (i.e., paving existing roadway), minimal adjacent habitat effect, distance to known species locations, the standard special provision for sediment control, and the special provision for management of hydrodemolition wastewater, the Service concurs with the determination of "may affect, not likely to adversely affect" for Gray Bat, Indiana Bat, Northern Long-eared Bat, Ozark Big-eared Bat, Ozark Cavefish, Neosho Mucket, Rabbitsfoot, and Missouri Bladderpod, including Critical Habitat for Neosho Mucket. There is no data indicating the presence of Piping Plover occurrence in the vicinity of this action; furthermore, this species does not occur in the habitat type within the affected area of this action. No further consultation regarding these species is necessary at this time.

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](mailto:lindsey_lewis@fws.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read 'Melvin L. Tobin', with a stylized flourish at the end.

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:

October 10, 2017

Consultation Code: 04ER1000-2018-SLI-0036

Event Code: 04ER1000-2018-E-00064

Project Name: 040729 Benton Co. Line - East (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](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: 04ER1000-2018-SLI-0036

Event Code: 04ER1000-2018-E-00064

Project Name: 040729 Benton Co. Line - East (S)

Project Type: TRANSPORTATION

Project Description: Highway 16 pavement preservation job consisting of 5.10 miles of leveling and Ultra-Thin Bonded Wearing Course overlay. Bridge work will include Hydro demolition and joint work.

Project Location:

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

<https://www.google.com/maps/place/36.09730962027754N94.33725195313951W>



Counties: Washington, AR

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## Endangered Species Act Species

There is a total of 9 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
<p>Gray Bat <i>Myotis grisescens</i>            No critical habitat has been designated for this species.            Species profile: <a href="https://ecos.fws.gov/ecp/species/6329">https://ecos.fws.gov/ecp/species/6329</a></p>	Endangered
<p>Indiana Bat <i>Myotis sodalis</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/5949">https://ecos.fws.gov/ecp/species/5949</a></p>	Endangered
<p>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></p>	Threatened
<p>Ozark Big-eared Bat <i>Corynorhinus (=Plecotus) townsendii ingens</i>            There is <b>proposed</b> critical habitat for this species. The location of the critical habitat is not available.            Species profile: <a href="https://ecos.fws.gov/ecp/species/7245">https://ecos.fws.gov/ecp/species/7245</a></p>	Endangered

### Birds

NAME	STATUS
<p>Piping Plover <i>Charadrius melodus</i>            Population: except Great Lakes watershed            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/6039">https://ecos.fws.gov/ecp/species/6039</a></p>	Threatened

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## Fishes

NAME	STATUS
Ozark Cavefish <i>Amblyopsis rosae</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/6490">https://ecos.fws.gov/ecp/species/6490</a>	Threatened

## Clams

NAME	STATUS
Neosho Mucket <i>Lampsilis rafinesqueana</i> There is <b>final</b> critical habitat for this species. Your location overlaps the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/3788">https://ecos.fws.gov/ecp/species/3788</a>	Endangered
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
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

## Critical habitats

There is 1 critical habitat wholly or partially within your project area under this office's jurisdiction.

NAME	STATUS
Neosho Mucket <i>Lampsilis rafinesqueana</i> <a href="https://ecos.fws.gov/ecp/species/3788#crithab">https://ecos.fws.gov/ecp/species/3788#crithab</a>	Final

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## ARDOT ENVIRONMENTAL IMPACTS ASSESSMENT FORM

ARDOT Job Number 040729 FAP Number STPR-0072(52)  
 Job Title Benton Co. Line - East

Environmental Impacts	None	Minor	Significant	Comments
Air Quality	X			
Construction Impacts		X		
Cultural Resources	X			
Economic	X			
Endangered Species	X			
Energy Resources	X			
Environmental Justice/Title VI	X			
Fish and Wildlife	X			USFW concurrence October 30, 2017
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			
Protected Waters	X			
Public Recreation Lands	X			
Public Water Supply/WHPA	X			SPs sent on jobs near PWS intakes
Relocatees	X			
Section 4(f)/6(f)	X			
Social	X			
Underground Storage Tanks	X			
Visual Impacts	X			
Stream Impacts	X			
Water Quality	X			
Wetlands	X			
Wildlife Refuges	X			

Section 401 Water Quality Certification Required?  N   
 Short-term Activity Authorization Required?  N   
 Section 404 Permit Required?  N  Type \_\_\_\_\_

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

Signature of Evaluator  Date November 21, 2017