

TIER 3 CATEGORICAL EXCLUSION

**ARDOT JOB 110706
FAP NHPP-0048 (39)
BOAT GUNWALE SLASH STR. & APPRS. (S)
ROUTE 17, SECTION 1
MONROE COUNTY**

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

By the

U.S. Department of Transportation

Federal Highway Administration

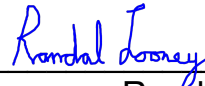
And the

Arkansas Department of Transportation

May 2021

May 28, 2021

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 Programmatic 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 a bridge on Highway 17 over Boat Gunwale Slash. The existing bridge (M0465) is 95' x 25'. Total length of the project is 0.2 mile and is located in Monroe County. A project location map is attached.

The existing roadway consists of two 10-foot wide paved travel lanes with 4-foot wide unpaved shoulders and a right of way width of 80 feet.

Proposed improvements include two 11-foot wide paved travel lanes with 4-foot (2-foot Paved) wide shoulders and an average proposed right of way width of 115 feet. The bridge will be replaced with new bridge and a temporary detour will be installed during construction east of the existing alignment. Approximately 0.8 acre of additional right of way and 1.0 acre of temporary construction easement will be required for this project.

Design data for this project is as follows:

Design Year	Average Daily Traffic	Percent Trucks	Design Speed
2022	450	13	55 mph
2042	530	13	55 mph

There are no relocations, environmental justice issue, wellhead protection areas/public water supplies, or cultural resources associated with this project. State Historic Preservation Officer clearance is attached. Field inspections found no evidence of existing underground storage tanks or hazardous waste deposits. Approximately 0.3 acre of Prime Farmland and 0.7 acre of Statewide Importance will be impacted. Form NRCS-CPA-106 is attached.

Based on the ARDOT noise policy, a noise analysis is not required for this project. The bridge replacement will not involve adding capacity, substantially changing the roadway alignment, or exposing noise sensitive land uses to traffic noise sources. In compliance with federal guidelines, local authorities will not require notification.

The official species list obtained from the US Fish and Wildlife Service's (USFWS) Information for Planning and Consultation (IPaC) identified the following

endangered and threatened species as potentially occurring within the project boundaries; the threatened Eastern Black Rail (*Laterallus jamaicensis ssp. jamaicensis*), the endangered Ivory-billed Woodpecker (*Campephilus principalis*), the threatened Piping Plover (*Charadrius melodus*), the threatened Red Knot (*Calidris canutus rufa*), the endangered Red-cockaded Woodpecker (*Dryobates borealis*), the endangered Fat Pocketbook (*Lampsilis capax*), and the endangered American Pondberry (*Lindera melissifolia*). The official species is attached.

The USFWS's "Arkansas Determination Key" was evaluated for this project via IPaC. 'Not likely to adversely affect' (NLAA) determinations were provided for all of the above listed species, with one exception. No determination was provided for Ivory-billed Woodpecker, since it is considered extirpated. The USFWS Consistency Letter dated April 29, 2021 is attached.

ARDOT contested the NLAA determinations for Piping Plover and Red Knot due to the lack of suitable habitat within the project area, and proposed 'no effect' determinations for these species. ARDOT contested the NLAA determination for pondberry due to distance to nearest occurrence record, and proposed a 'no effect' determination for this species. USFWS concurred on May 4, 2021.

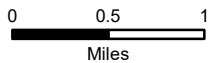
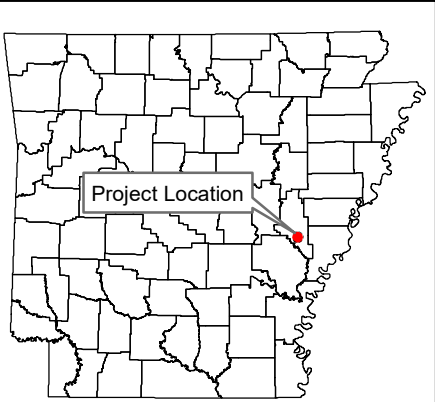
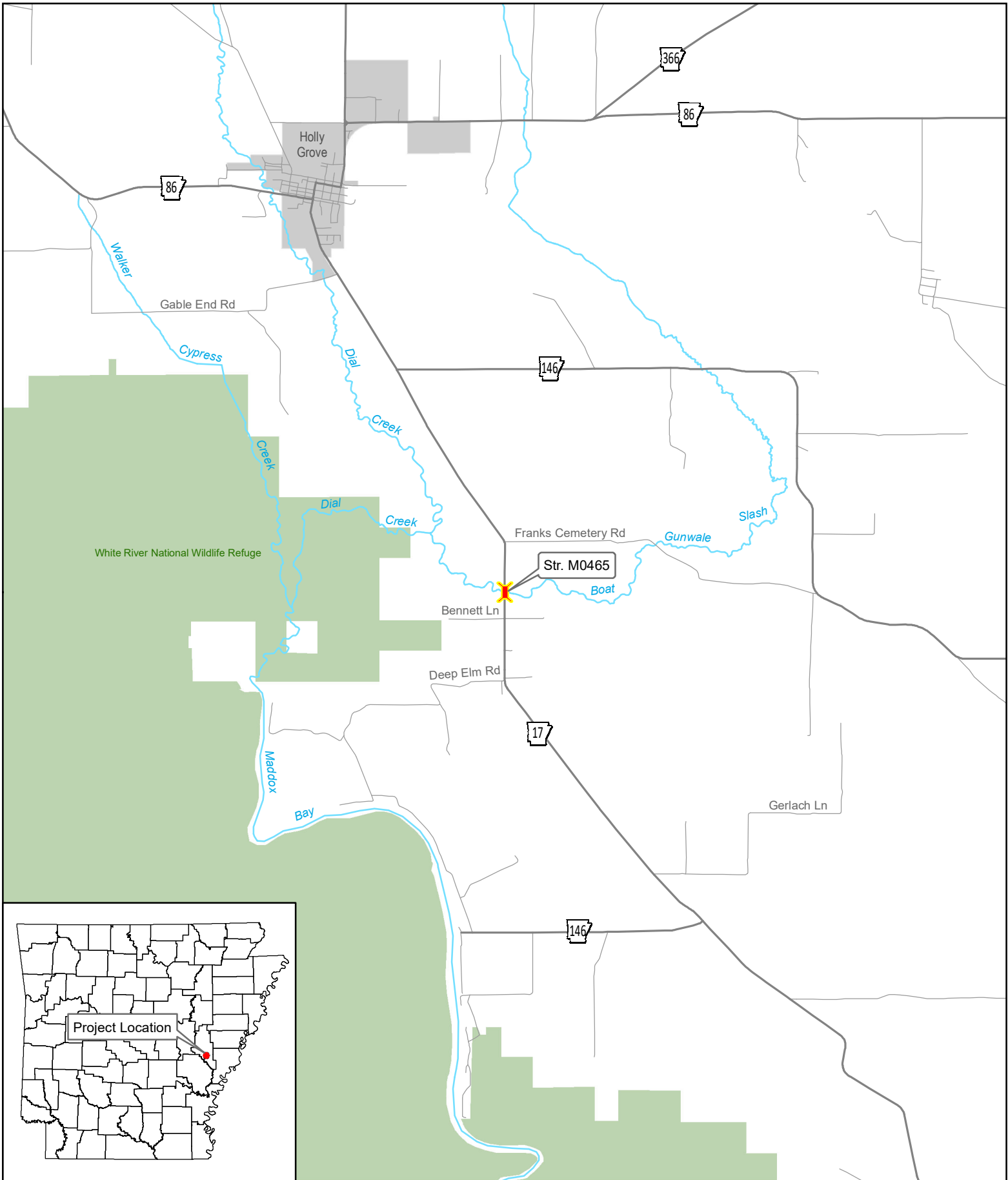
Permanent wetland impacts to Boat Gunwale Slash due to fill and ROW clearing total 1.0 acre. Temporary wetland impacts due to detour construction total 0.4 acre. Total wetland impacts are estimated at 1.4 acres. ARDOT proposes the use of 13.78 wetland mitigation credits as compensatory mitigation to offset the wetland impacts. The wetland credits will be debited from the closest, approved mitigation bank with available credits. Construction of the proposed project should be allowed under the terms of a Nationwide 23 Section 404 Permit for Approved Categorical Exclusions.

Monroe 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 substantial floodplain encroachment or a risk to property or life.

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 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.

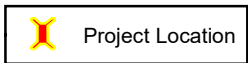
Job 110706
Tier 3 Categorical Exclusion
Page 3 of 3

No other adverse environmental impacts were identified. The checklist used to verify consideration of potential environmental impacts is attached.



ARDOT - Environmental GIS - Strawn
April 15, 2021

Job 110706
Boat Gunwale Slash Str. & Apprs.
(Hwy. 17)
Monroe County





ARKANSAS DEPARTMENT OF TRANSPORTATION

ARDOT.gov | IDriveArkansas.com | Lorie H. Tudor, P.E., Director

ENVIRONMENTAL DIVISION

10324 Interstate 30 | P.O. Box 2261 | Little Rock, AR 72203-2261 | Phone: 501.569.2281 | Fax: 501.569.2009

L03855-02
FHWA

May 18, 2021


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

AHPP
MAY 18 2021

RE: Job Number 110706
Boat Gunwale Slash
Str. & Apprs. (S)
Route 17, Section 1
Monroe County

Dear Secretary Hurst:

An Addendum to the Project Identification Form (PIF) is enclosed for the referenced project. Please review for concurrence with the findings of my staff. If you have any questions or require additional information, please contact Daniel Hildebran of my staff at (501) 569-4512.

Date 5.21.21
No known historic properties will be affected by this undertaking. This effect determination could change should new information come to light.

Arkansas Historic Preservation Office

Sincerely,



- for John Fleming
Division Head
Environmental Division

JF:KB:DH:cb

Enclosure
PIF



Asa Hutchinson
Governor
Stacy Hurst
Secretary

March 4, 2021

Mr. John Fleming
Division Head
Environmental Division
Arkansas Department of Transportation
P.O. Box 2261
Little Rock, AR 72203-2261

Re: Monroe County – General
Section 106 Review – FHWA
Boat Gunwale Slash Str. & Apprs. (S)
Route 17, Section 1
ARDOT Job Number 110706
AHPP Tracking Number 103855.01

Dear Mr. Fleming:

The staff of the Arkansas Historic Preservation Program (AHPP) reviewed the Project Identification Form for the above-referenced job in Section 1, Township 2 South, Range 2 West in Monroe County. As described, the undertaking entails replacing Bridge M0465 on Highway 17 and attendant road widening. The total survey area is 3.1 acres. In correspondence dated May 29, 2019, the AHPP concurred that Bridge M0465 is not eligible for inclusion in the National Register (AHPP 103855).

Based on the provided information, including the results of the field investigation, the AHPP concurs with a finding of **no historic properties affected pursuant to 36 CFR § 800.4(d)(1)**.

Tribes that have expressed an interest in the area include the Cherokee Nation, the Chickasaw Nation, the Choctaw Nation of Oklahoma, the Jena Band of Choctaw Indians, the Muscogee (Creek) Nation, the Osage Nation, the Quapaw Nation, and the Shawnee Tribe. We recommend consultation in accordance with 36 CFR § 800.2(c)(2).

Thank you for the opportunity to review this undertaking. If you have any questions, please contact Eric Mills of my staff at (501) 324-9784 or eric.mills@arkansas.gov.

Sincerely,

/s/ Eric Mills for

Scott Kaufman
Director, AHPP

cc: Mr. Randal Looney, Federal Highway Administration
Dr. Melissa Zabecki, Arkansas Archeological Survey

From: [Lewis, Lindsey](#)
To: [Schrum, Matthew C.](#)
Subject: Re: [EXTERNAL] 110706 - Boat Gunwale Slash Str. & Apprs. (S)
Date: Tuesday, May 4, 2021 2:30:52 PM

CAUTION: This email originated from outside of ARDOT. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Matt,

As stated in the Consistency Letter, "The Service concurs with these "NLAA" determination(s) for the listed species identified with exception to Piping Plover, Red Knot, and Pondberry. No further consultation for this project is required for these species. The verification letter confirms you may rely on effect determinations provided in the Arkansas Determination Key for project review and guidance for federally listed species to satisfy agency consultation requirements under Section 7(a)(2) of the Endangered Species Act of 1973 (87 Stat. 884, as amended 16 U.S.C. 1531 et seq.; ESA)."

The Service has no additional comments or concerns and agrees with the determinations, justifications provided, and concurrences made through the Arkansas Dkey and the ARDOT supplemental determination of "no effect" for Piping Plover and Red Knot, due to the lack of sand/mud flat or shoreline habitat along large rivers or lakes within the project area and for Pondberry, due to the fact that the nearest AR record for this species is approximately 55 miles north, in Woodruff County.

Thanks,

Lindsey Lewis
Biologist

US Fish & Wildlife Service
Arkansas Field Office
110 South Amity Rd., Suite 300
Conway, Arkansas 72032

(501) 513-4489 - voice
(501) 513-4480 - fax
Lindsey_Lewis@fws.gov
<http://www.fws.gov/arkansas-es/>

NOTE: This email correspondence and any attachments to and from this sender is subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.

From: Schrum, Matthew C. <Matthew.Schrum@ardot.gov>
Sent: Monday, May 3, 2021 2:21 PM

To: Lewis, Lindsey <lindsey_lewis@fws.gov>

Subject: [EXTERNAL] 110706 - Boat Gunwale Slash Str. & Apprs. (S)

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Lindsey,

ArDOT proposes to replace the bridge over Boat Gunwale Slash along Hwy 17 in Monroe County. See attached 50% plans.

The official species list obtained from the US Fish and Wildlife Service's (USFWS) Information for Planning and Consultation (IPaC) identified the following endangered and threatened species within the project boundaries; the proposed threatened Eastern Black Rail (*Laterallus jamaicensis ssp. jamaicensis*), the threatened Piping Plover (*Charadrius melodus*), the threatened Red Knot (*Calidris canutus rufa*), the endangered Red-cockaded Woodpecker (*Picoides borealis*), the endangered Fat Pocketbook (*Lampsilis capax*), and the endangered pondberry (*Lindera melissifolia*). See attached USFWS species list.

The AR DKey was evaluated for the project. "Not likely to adversely affect" (NLAA) determinations were given for all of the above listed species.

ArDOT contests the NLAA determinations for Piping Plover and Red Knot, due to the lack of sand/mud flat or shoreline habitat along large rivers or lakes within the project area. We propose "no effect" determinations for these species.

ArDOT contests the NLAA determination for pondberry, due to the fact that the nearest AR record for this species is approximately 55 miles north, in Woodruff County. We propose a "no effect" determination for this species.

Matthew Schrum
Aquatic Biologist
Environmental Division
Arkansas DOT
Office: (501) 569-2083
Cell: (573) 330-6449



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:

April 29, 2021

Consultation Code: 04ER1000-2021-SLI-0948

Event Code: 04ER1000-2021-E-02606

Project Name: 110706 - Boat Gunwale Slash Str. & Apprs. (S)

Subject: List of threatened and endangered species that may occur in your proposed project location 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.

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: 04ER1000-2021-SLI-0948

Event Code: 04ER1000-2021-E-02606

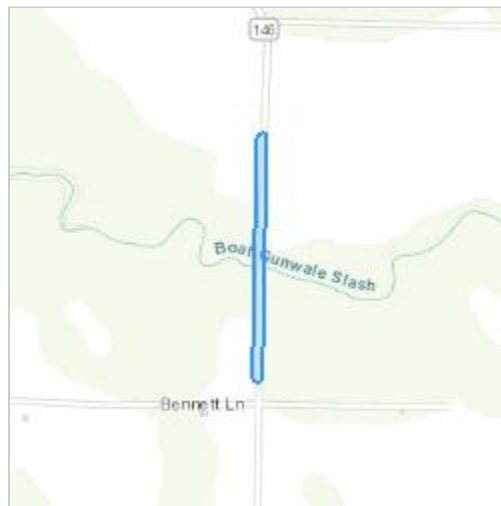
Project Name: 110706 - Boat Gunwale Slash Str. & Apprs. (S)

Project Type: TRANSPORTATION

Project Description: Hwy. 17, Sec. 1, this is a bridge replacement job on Boat Gunwale Slash Creek

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@34.5493547612242,-91.17435693740845,14z>



Counties: Monroe County, Arkansas

Endangered Species Act Species

There is a total of 7 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.

Birds

NAME	STATUS
Eastern Black Rail <i>Laterallus jamaicensis ssp. jamaicensis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10477	Threatened
Ivory-billed Woodpecker <i>Campephilus principalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8230	Endangered
Piping Plover <i>Charadrius melodus</i> Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered. There is final critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/6039	Threatened
Red Knot <i>Calidris canutus rufa</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1864	Threatened
Red-cockaded Woodpecker <i>Picoides borealis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7614	Endangered

Clams

NAME	STATUS
Fat Pocketbook <i>Potamilus capax</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2780	Endangered

Flowering Plants

NAME	STATUS
Pondberry <i>Lindera melissifolia</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1279	Endangered

Critical habitats

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



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:

April 29, 2021

Consultation code: 04ER1000-2021-I-0948

Event Code: 04ER1000-2021-E-02610

Project Name: 110706 - Boat Gunwale Slash Str. & Apprs. (S)

Subject: Concurrence verification letter for '110706 - Boat Gunwale Slash Str. & Apprs. (S)' for specified federally threatened and endangered species and designated critical habitat that may occur in your proposed project area consistent with the Arkansas Determination Key for project review and guidance for federally listed species (Arkansas Dkey).

Dear Matthew Schrum:

The U.S. Fish and Wildlife Service (Service) received on **April 29, 2021** your effect determination(s) for the '110706 - Boat Gunwale Slash Str. & Apprs. (S)' (the Action) using the Arkansas DKey within the Information for Planning and Consultation (IPaC) system. The Service developed this system in accordance with the Endangered Species Act of 1973 (ESA) (87 Stat.884, as amended; 16 U.S.C. 1531 et seq.).

Based on your answers, and the assistance in the Service's Arkansas DKey, you made the following effect determination(s) for the proposed Action, including species protective measures that you confirmed will be implemented.

Species	Listing Status	Determination
Eastern Black Rail (<i>Laterallus jamaicensis ssp. jamaicensis</i>)	Threatened	NLAA
Fat Pocketbook (<i>Potamilus capax</i>)	Endangered	NLAA
Piping Plover (<i>Charadrius melodus</i>)	Threatened	NLAA
Pondberry (<i>Lindera melissifolia</i>)	Endangered	NLAA
Red Knot (<i>Calidris canutus rufa</i>)	Threatened	NLAA
Red-cockaded Woodpecker (<i>Picoides borealis</i>)	Endangered	NLAA

Status

The Service concurs with the NLAA determination(s) for the species listed above. No further consultation for this project is required for these species. Your agency has met consultation requirements by informing the Service of your “No Effect” determinations. No consultation for this project is required for species that you determined will not be affected by this action.

This concurrence verification letter confirms you may rely on effect determinations you reached by considering the Arkansas DKey to satisfy agency consultation requirements under Section 7(a)(2) of the Endangered Species Act of 1973 (87 Stat. 884, as amended 16 U.S.C. 1531 et seq.; ESA). No further consultation for this project is required for species that you determined will not be affected by this action.

The Service recommends that your agency contact the Arkansas Ecological Services Field Office or re-evaluate this key in IPaC if: 1) the scope, timing, duration, or location of the proposed project changes, 2) new information reveals the action may affect listed species or designated critical habitat; 4) a new species is listed or critical habitat designated. If any of the above conditions occurs, additional consultation with the Arkansas Ecological Services Field Office should take place before project changes are final or resources committed.

Bald and Golden Eagle Protection Act: The following resources are provided to project proponents and consulting agencies as additional information. Bald and golden eagles are not included in this section 7(a)(2) consultation and this information does not constitute a determination of effects by the Service.

The Service developed the National Bald Eagle Management Guidelines to advise landowners, land managers, and others who share public and private lands with Bald Eagles when and under what circumstances the protective provisions of the BGEPA may apply to their activities. The guidelines should be consulted prior to conducting new or intermittent activity near an eagle nest. This document may be downloaded from the following site: <https://www.fws.gov/southeast/our-services/permits/eagles/>

To determine if your proposed activity is likely to take or disturb Bald Eagles, complete our step-by-step online self-certification process, which is located at <https://www.fws.gov/southeast/our-services/eagle-technical-assistance/>.

If the recommendations detailed in the National Bald Eagle Management Guidelines cannot be followed, you may apply for a permit to authorize removal or relocation of an eagle nest in certain instances. The application form is located at <http://www.fws.gov/forms/3-200-72.pdf>.

Species Protection Measures

Bridges and Culverts

<https://www.fws.gov/southeast/pdf/species-protective-measures/bridge-and-culvert-projects.pdf>

Qualification Interview

1. Have you made an effects determination of "no effect" for all species in the area of the project? A "no effect" determination means the project will have no beneficial effect, no short-term adverse effects, and no long-term adverse effects on any of the species on the IPaC-generated species list for the proposed project or those species habitat. A project with effects that cannot be meaningfully measured, detected or evaluated, effects that are extremely unlikely to occur, or entirely beneficial effects should not have a "no effect" determination. (If unsure, select "No").
No
 2. Is the action authorized, funded, or being carried out by a Federal agency?
Yes
 3. Are you the the action agency or the designated non-federal representative?
Yes
 4. Choose the agency you represent in this consultation with the U.S. Fish and Wildlife Service:
d. Federal Highway Administration
 5. Will project proponents follow [Special Provisions for avoidance and minimization](#) measures for listed species in Arkansas?
Yes
 6. [Semantic] Does the project intersect designated critical habitat for the Leopard Darter?
Automatically answered
No
 7. [Semantic] Does the project intersect designated critical habitat for the Neosho Mucket?
Automatically answered
No
 8. [Semantic] Does the project intersect designated critical habitat for Yellowcheek Darter?
Automatically answered
No
 9. [Semantic] Does the project intersect designated critical habitat for Rabbitsfoot?
Automatically answered
No
 10. [Semantic] Does the project intersect the American burying beetle consultation area?
Automatically answered
No
 11. [Semantic] Does the project intersect the red-cockaded woodpecker AOI?
Automatically answered
Yes
-

12. [Semantic] Does the project intersect the Eastern black rail AOI?

Automatically answered

Yes

13. Will the project affect sand and gravel areas or shorelines along rivers, lakes, or reservoirs?

No

14. Does the project take place in marshy or flooded open field habitat?

Yes

15. Will any part of the project take place between March 15 and May 15 OR between July 15 and October 1?

Yes

16. Has Eastern Black Rail been detected at the site?

No

17. [Semantic] Does the project intersect the red knot AOI?

Automatically answered

Yes

18. [Semantic (same answer as "8.1.3")] Will the project affect sand and gravel areas or shorelines along rivers, lakes, or reservoirs?

Automatically answered

No

19. [Semantic (same answer as "8.2")] Does the project take place in marshy or flooded open field habitat?

Automatically answered

Yes

20. [Semantic (same answer as "8.3")] Will any part of the project take place between March 15 and May 15 OR between July 15 and October 1?

Automatically answered

Yes

21. Are red knots present on the site during the proposed action?

No

22. [Semantic] Does the project intersect the Piping Plover AOI?

Automatically answered

Yes

23. [Semantic (same answer as "8.1.3 or 9.3")] Will the project affect sand and gravel areas or shorelines along rivers, lakes, or reservoirs?

Automatically answered

No

24. [Semantic (same answer as "8.3" or "9.9")] Will any part of the project take place between March 15 and May 15 OR between July 15 and October 1?

Automatically answered

Yes

25. [Semantic] Does the project intersect the Whooping Crane AOI?
Automatically answered
No
26. [Semantic] Does the project intersect the interior least tern AOI?
Automatically answered
No
27. [Semantic] Does the project intersect the Gray Bat AOI?
Automatically answered
No
28. [Semantic] Does the project intersect the Ozark Big-eared Bat AOI?
Automatically answered
No
29. [Semantic] Does the project intersect the Indiana bat AOI?
Automatically answered
No
30. [Semantic] Does the project intersect the Northern Long-eared bat AOI?
Automatically answered
No
31. [Semantic] Does the project intersect the Benton County Cave Crayfish AOI?
Automatically answered
No
32. [Semantic] Does the project intersect the Hell Creek Cave Crayfish AOI?
Automatically answered
No
33. [Semantic] Does the project intersect the Ozark cavefish AOI?
Automatically answered
No
34. [Semantic] Does the project intersect the Missouri bladderpod AOI?
Automatically answered
No
35. [Semantic] Does the project intersect the Geocarpon AOI?
Automatically answered
No
36. [Semantic] Does the project intersect the running buffalo clover AOI?
Automatically answered
No
37. [Semantic] Does the project intersect the Pondberry AOI?
Automatically answered
Yes
-

38. [Semantic] Does the project occur within the survey coordination area?
Automatically answered
No
39. Does the project contain any of the following activity types:
Boat Ramps,
Bridges,
Culverts,
Development,
Dams or Impoundments (including berms and levees),
Streambank Stabilization (or other streambank work),
Pipeline and linear projects,
Water intakes/withdrawals, or
Stream or ditch relocation?
Yes
40. Does the project include Streambank Stabilization (or other streambank work)?
No
41. Does the project include Boat Ramps?
No
42. Does the project include Bridges and Culverts?
Yes
43. Does the project include the Bridges and Culverts species [protective measures](#), as applicable to the project and site characteristics?
Yes
44. Does the project include Dams and Impoundments (including berms or levees)?
No
45. Does the project include Development?
No
46. Is the project a Pipeline or Linear Project?
No
47. Does the project include Water Intakes/Withdrawals?
No
48. Does the project include Stream or Ditch Relocation?
No
49. [Semantic] Does the project intersect the rabbitsfoot AOI?
Automatically answered
No
50. [Semantic] Does the project intersect the neosho mucket AOI?
Automatically answered
No
-

51. [Semantic] Does the project intersect the Spectaclecase AOI?
Automatically answered
No
52. [Semantic] Does the project intersect the snuffbox AOI?
Automatically answered
No
53. [Semantic] Does the project intersect the speckled pocketbook AOI?
Automatically answered
No
54. [Semantic] Does the project intersect the ouachita rock pocketbook AOI?
Automatically answered
No
55. [Semantic] Does the project intersect the fat pocketbook AOI?
Automatically answered
Yes
56. [Semantic] Does the project intersect the Curtis pearlymussel AOI?
Automatically answered
No
57. [Semantic] Does the project intersect the scaleshell AOI?
Automatically answered
No
58. [Semantic] Does the project intersect the pink mucket AOI?
Automatically answered
No
59. [Semantic] Does the project intersect the Arkansas fatmucket AOI?
Automatically answered
No
60. [Semantic] Does the project intersect the winged mapleleaf AOI?
Automatically answered
No
61. [Semantic] Does the project intersect the leopard darter AOI?
Automatically answered
No
62. [Semantic] Does the project intersect the Yellowcheek darter AOI?
Automatically answered
No
63. [Semantic] Does the project intersect the Ozark hellbender AOI?
Automatically answered
No
-

64. [Semantic] Does the project intersect the harperella AOI?

Automatically answered

No

65. [Semantic] Does the project intersect the pallid sturgeon AOI?

Automatically answered

No

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

PART I (To be completed by Federal Agency)	Job 110706	3. Date of Land Evaluation Request	4. Sheet 1 of _____
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1. Name of Project	5. Federal Agency Involved
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2. Type of Project	6. County and State
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PART II (To be completed by NRCS)	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 <input type="checkbox"/> NO <input type="checkbox"/>	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: _____ % _____
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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
--	---	---

PART III (To be completed by Federal Agency)	Alternative Corridor For Segment			
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	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				

PART IV (To be completed by NRCS) Land Evaluation Information	
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A. Total Acres Prime And Unique Farmland				
B. Total Acres Statewide And Local Important Farmland				
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)	
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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			
2. Perimeter in Nonurban Use	10			
3. Percent Of Corridor Being Farmed	20			
4. Protection Provided By State And Local Government	20			
5. Size of Present Farm Unit Compared To Average	10			
6. Creation Of Nonfarmable Farmland	25			
7. Availability Of Farm Support Services	5			
8. On-Farm Investments	20			
9. Effects Of Conversion On Farm Support Services	25			
10. Compatibility With Existing Agricultural Use	10			
TOTAL CORRIDOR ASSESSMENT POINTS	160			

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

1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	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
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Joshua Graham
NOTE: Complete a form for each segment with more than one Alternate Corridor

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

ARDOT Job 110706 FAP NHPP-0048 (39)

Job Title Boat Gunwale Slash Str. & Apprs. (S)

Environmental Resource	None	Minimal	Major	Comments-required for each item
Air Quality	X			No air quality/MSAT impacts
Cultural Resources	X			SHPO clearances attached
Economic	X			No adverse impacts
Endangered Species		X		"No effect" and "NLAA" determinations
Environmental Justice/Title VI	X			EJ populations impacts not anticipated
Fish and Wildlife		X		Temporary impacts during construction
Floodplains	X			Zone A, no impacts expected
Forest Service Property	X			None in the project area
Hazardous Materials/Landfills	X			No sites in project area
Land Use		X		0.8 acre new ROW, 1.0 acre of TCE
Migratory Birds	X			Migratory Bird SP included
Navigation/Coast Guard	X			No navigable waterways involved
Noise Levels	X			No increases due to project
Prime Farmland		X		0.3 acre of Prime Farmland & 0.7 acre of Statewide Importance
Protected Waters	X			None in project area
Public Recreation Lands	X			None in project area
Public Water Supply/WHPA	X			None in project area
Relocates	X			No relocations
Section 4(f)/6(f)	X			No impacts to 4f/6f resources
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		Nationwide 23 Permit required
Water Quality		X		Temporary decline during construction
Wetlands		X		Total wetland impacts 1.4 acres
Wildlife Refuges	X			None in the project area

Section 401 Water Quality Certification Required? No

Short-term Activity Authorization Required? Yes

Section 404 Permit Required? Yes Type NW 23

Remarks: _____

Signature of Evaluator  Date 5/14/2021

ROADWAY DESIGN REQUEST

Job Number 110706 FAP No. NHPP-0048(39) County Monroe

Job Name Boat Gunwale Slash Str. & Apprs. (S)

Design Engineer George Davison Environmental Staff _____

Detailed Project Description This project consists of replacing one bridge with a bridge on existing location with a detour on the East.

A. Existing Conditions:

Roadway Width: 28' Shoulder Type/Width: 4' unpaved

Number of Lanes and Width: 2 – 10' Existing Right-of-Way: 80'

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

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

B. Proposed Conditions:

Roadway Width: 30' Shoulder Type/Width: 4' (2' paved)

Number of Lanes and Width: 2 – 11' Proposed Right-of-Way: 100'-130'

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

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

C. Construction Information:

If detour: Where: Sta. 102+75 to 112+35 Rt. Length: 0.18 miles

D. Design Traffic Data:

2022 ADT: 450 2042 ADT: 530 % Trucks: 13

Design Speed: 55 m.p.h.

E. Approximate total length of project: 0.18 mile(s)

F. Justification for proposed improvements: Narrow with deficient railing. Superstructure (RC Channel Beam Units) and Substructure (Timber Piling) showing signs of distress.

G. Total Relocatees: 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