



## INTEROFFICE MEMORANDUM

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January 10, 2023

**TO:** Master Files

**FROM:**  John Fleming, Division Head, Environmental Division 

**SUBJECT:** Job 012443  
FAP NHPP-0076(305)  
Districts 1 & 2 Bridge Preservation (2023) (S)  
Various Routes & Sections  
Multiple Counties  
Tier 1 Categorical Exclusion

After appropriate environmental review, it has been determined that the subject job is a Tier 1 Categorical Exclusion as described by the ARDOT/FHWA Programmatic Agreement on Categorical Exclusion Documentation and Processing. A public hearing will not be offered for this project.

The purpose of this project is to preserve and rehabilitate various bridges in Districts 1 and 2. The project will include polymer overlay of 21 bridges. Location of the bridges and additional information is shown on the attachments.

The project will not involve relocations, prime farmlands, wetlands, underground storage tanks, hazardous materials, any environmental justice issues, or cultural resources. 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 toxics concerns. The cultural resources clearance is attached. No Section 404 Permit will be required for this project.

The official species lists obtained through the U.S. Fish and Wildlife Service's Information for Planning and Consultation identified the following species as potentially occurring within the project area: gray bat (*Myotis grisescens*), Indiana bat (*Myotis sodalis*), northern long-eared bat (*Myotis septentrionalis*), Ozark big-

eared bat (*Corynorhinus townsendii ingens*), Eastern Black Rail (*Laterallus jamaicensis ssp. jamaicensis*), Ivory-Billed Woodpecker (*Campephilus principalis*), Piping Plover (*Charadrius melodus*), Red Knot (*Calidris canutus rufa*), Red-Cockaded Woodpecker (*Picoides borealis*), Whooping Crane (*Grus americana*), Ozark hellbender (*Cryptobranchus alleganiensis bishopi*), leopard darter (*Percina pantherina*), Ozark cavefish (*Amblyopsis rosae*), pallid sturgeon (*Scaphirhynchus albus*), yellowcheek darter (*Etheostoma moorei*), Arkansas Fatmucket (*Lampsilis powellii*), Curtis Pearlymussel (*Epioblasma curtisiil*), Fat Pocketbook (*Potamilus capax*), Louisiana Pearlshell (*Margaritifera hembeli*), Neosho Mucket (*Lampsilis rafinesqueana*), Ouachita Rock Pocketbook (*Arcidens wheeleri*), Pick Mucket (*Lampsilis abrupta*), Rabbitsfoot (*Theliderma cylindrica*), Scaleshell Mussel (*Potamilus leptodon*), Snuffbox Mussel (*Epioblasma triquetra*), Speckled Pocketbook (*Lampsilis streckeri*), Spectalecase (*Cumberlandia monodonta*), Winged Mapleleaf (*Quadrula fragosa*), American burying beetle (*Nicrophorus americanus*), monarch butterfly (*Danaus plexippus*), Benton County cave crayfish (*Cambarus aculabrum*), Hell Creek cave crayfish (*Cambarus zophonastes*), Geocarpon (*Geocarpon minimum*), harperella (*Ptilimnium nodosum*), Missouri bladderpod (*Physaria filiformis*), and pondberry (*Lindera melissifolia*). This project will have “no effect” on the aforementioned federally listed species due to the limited scope of the action, lack of suitable habitat, and distance to known species locations.

JF:KR:sw

Attachments:

- Project Location Map
- Bridge Information
- Cultural Resources Clearance
- Environmental Study Checklist

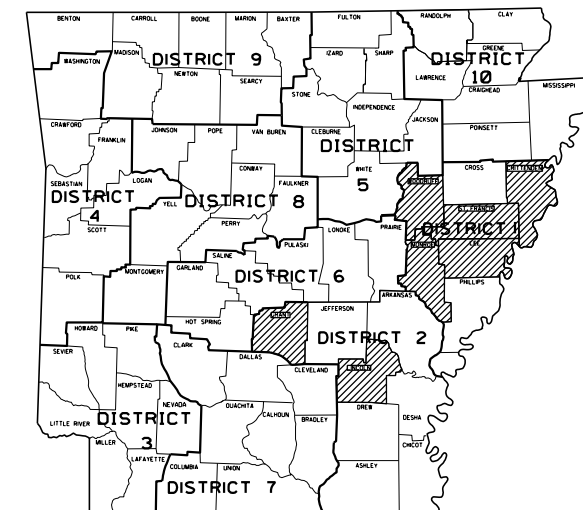
c: Program Management  
Right of Way  
Roadway Design  
Districts 1 & 2  
FHWA

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012443	1	28
DISTRICTS 1 & 2 BRIDGE PRESERVATION (2023) (S)						

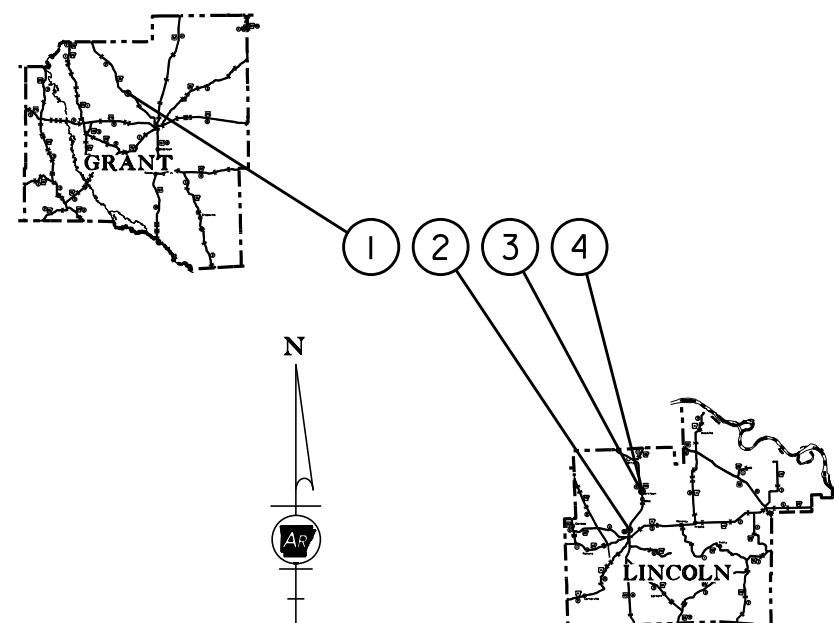
ARKANSAS DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION PLANS

DISTRICTS 1 & 2 BRIDGE  
PRESERVATION (2023) (S)  
VARIOUS COUNTIES  
JOB 012443

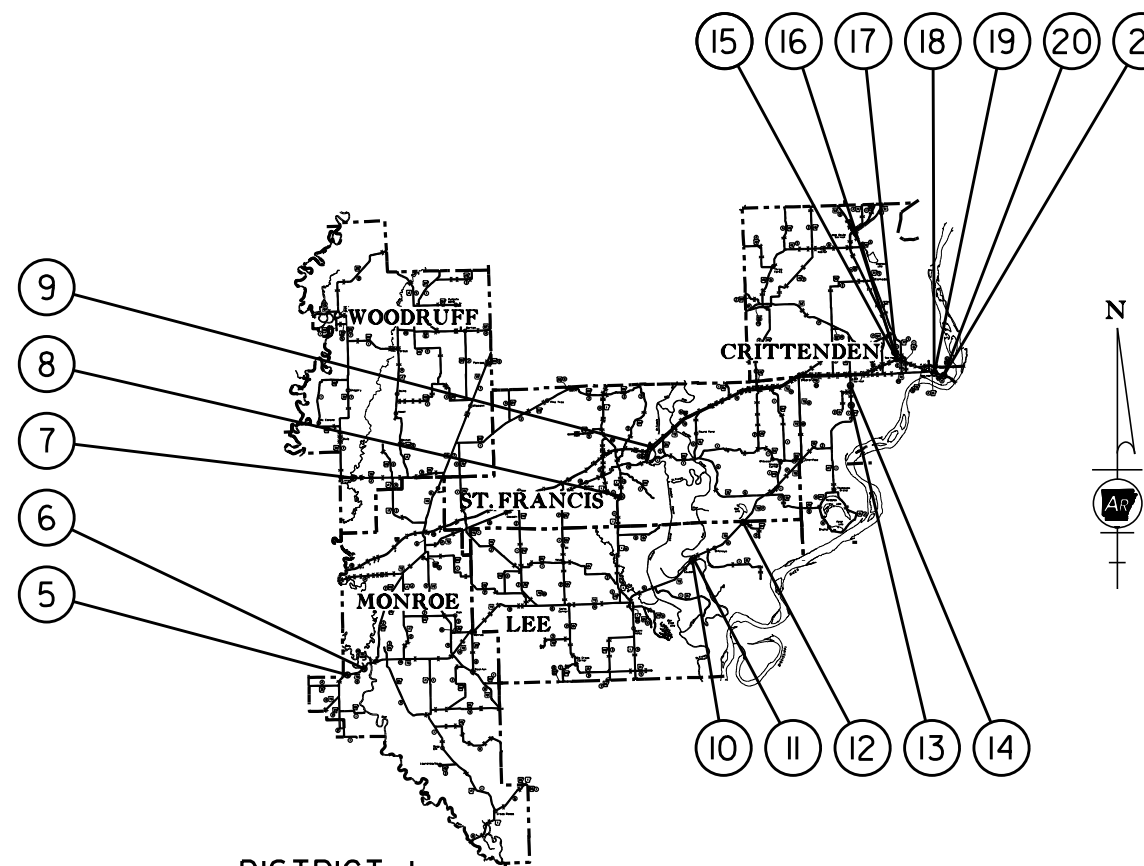
FED. AID PROJ. NHPP-0076(305)



ARKANSAS HIGHWAY DISTRICTS 1 & 2



DISTRICT 2  
NOT TO SCALE

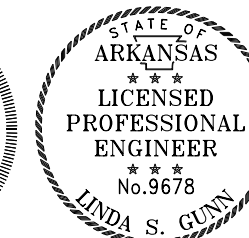


DISTRICT 1  
NOT TO SCALE

NOTES:

1. BRIDGE DATA IS ON PLAN SHEET 2.
2. REFER TO SPECIAL DETAILS FOR INSET ENLARGEMENTS AT BRIDGE LOCATIONS.

LENGTH CALCULATED ALONG C. L. BRIDGES			
NET LENGTH OF ROADWAY	00000.00 FEET	0.000	MILES
NET LENGTH OF BRIDGES	26422.75 FEET	5.004	MILES
NET LENGTH OF PROJECT	26422.75 FEET	5.004	MILES



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 WORKSPACE: ARDOT\192666\_012443.Districts 1&2 Bridge Preservation (2023) (S)\Design\Civil\Drawings\012443\_01\_CO\_001.dgn  
 Y:\Projects\ARDOT\192666\_012443.Districts 1&2 Bridge Preservation (2023) (S)\REVISED DATE: \*\*REVIDATE\*\*





# INTEROFFICE MEMORANDUM

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January 4, 2023

**TO:** Environmental Job File

**FROM:** Mason Toms, Cultural Resources

**SUBJECT:** Cultural Resources Clearance Addendum  
Job 012443  
Districts 1 & 2 Bridge Preservation (2023) (S)  
Various Routes, Various Sections  
Various Counties

The job proposes to complete polymer overlay on 21 bridges on various routes in multiple counties, with 11 bridges added to the project. Of these, 4 bridges are 45 years of age or older (Bridge Numbers 02671, A2671, A5529, and B5529). No new right-of-way (ROW) will be acquired. All work will occur on the existing bridges.

A records check at the Arkansas Archeological Survey shows no sites in or adjacent to the proposed project locations. None of the added bridges have been determined eligible for inclusion in the National Register of Historic Places (NRHP) (AHPP Tracking Number 110499.01).

Records check of historic maps and aerial imagery were not done based on the limited scope of the project. The highway infrastructure and known construction practices were examined to assess previous ground disturbance. This type of undertaking has no potential to cause effects to historic properties. All work will be within the existing ROW in previously disturbed areas, and the limited scope of the project occurs on the bridges. Therefore, this project requires no Section 106 review under Appendix C, Activity 15, of the 2021 Programmatic Agreement.

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

ARDOT Job 012443 FAP NHPP-0076(305)  
Job Title Districts 1 & 2 Bridge Preservation (2023) (S)

Environmental Resource	None	Minimal	Major	Comments
Air Quality	X			No impacts anticipated
Cultural Resources	X			Cultural resources clearance attached
Economic	X			No impacts anticipated
Endangered Species	X			No Effect determination
Environmental Justice/Title VI	X			No impacts anticipated
Fish and Wildlife	X			No impacts anticipated
Floodplains	X			No impacts anticipated
Forest Service Property	X			None in project area
Hazardous Materials/Landfills	X			No impacts anticipated
Land Use	X			Will not be impacted by project
Migratory Birds	X			No impacts anticipated
Navigation/Coast Guard	X			None in project area
Noise Levels	X			No increases due to project
Prime Farmland	X			None impacted by project
Protected Waters	X			No impacts anticipated
Public Recreation Lands	X			No impacts anticipated
Public Water Supply/WHPA	X			No impacts anticipated
Relocatees	X			No relocations
Section 4(f)/6(f)	X			No impacts anticipated
Social	X			No impacts anticipated
Underground Storage Tanks	X			No impacts anticipated
Visual	X			No impacts anticipated
Streams	X			No impacts anticipated
Water Quality	X			No impacts anticipated
Wetlands	X			None in project area
Wildlife Refuges	X			None in project area

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

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

Signature of Evaluator Kathryn Rose Date 12/9/2022