



INTEROFFICE MEMORANDUM

February 3, 2023

TO: Master Files

FROM:  John Fleming, Division Head, Environmental Division 

SUBJECT: Job 012444
FAP NHPP-0076(306)
Districts 5, 9, & 10 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 5, 9, and 10. The project will include polymer overlay of 21 bridges. A project location map is attached.

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.

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*), Pink Mucket (*Lampsilis abrupta*), Rabbitsfoot (*Theliderma cylindrica*), Scaleshell Mussel (*Potamilus leptodon*), Snuffbox Mussel (*Epioblasma triquetra*), Speckled Pocketbook (*Lampsilis streckeri*), Spectaclecase (*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.

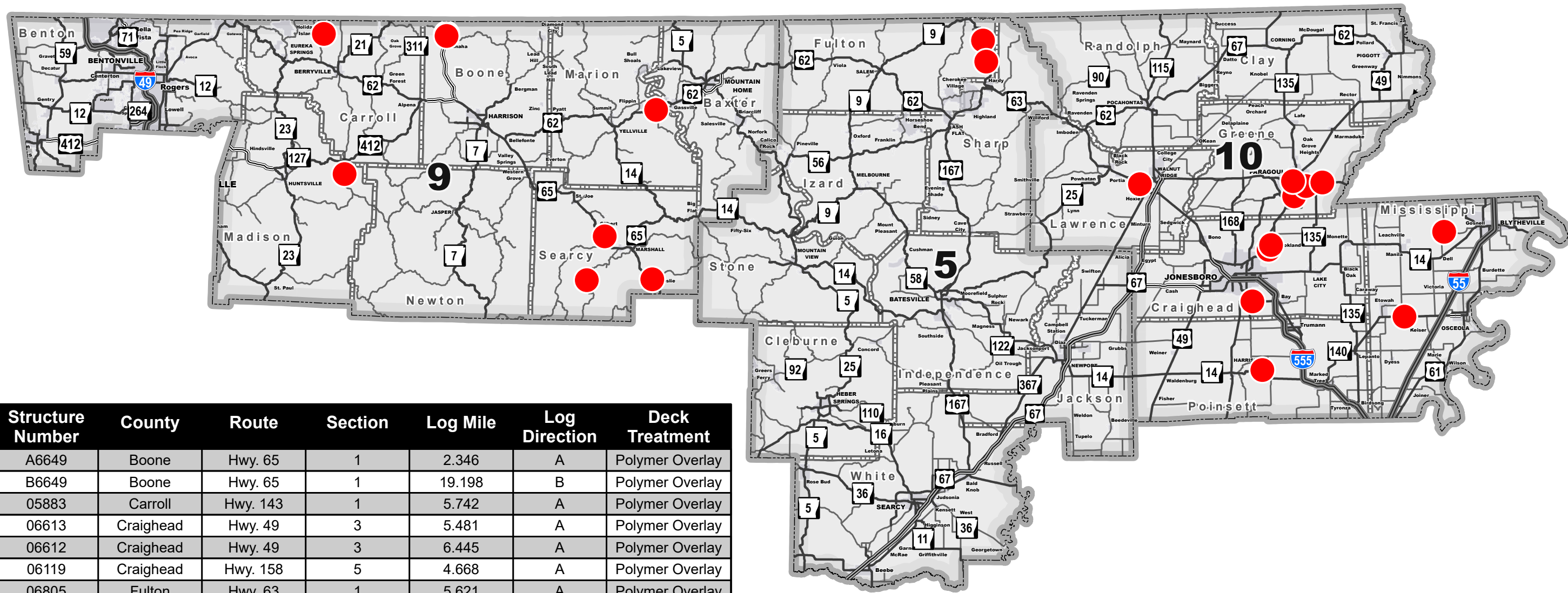
This project will not have a discharge of dredged or fill material into waters of the U.S.; therefore, a Section 404 permit will not be required.

JF:KR:sw

Attachments:

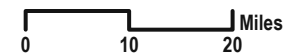
- Location Map
- Cultural Resources Clearance
- Environmental Study Checklist

c: Program Management
Right of Way
Roadway Design
Districts 5, 9, & 10
FHWA



Structure Number	County	Route	Section	Log Mile	Log Direction	Deck Treatment
A6649	Boone	Hwy. 65	1	2.346	A	Polymer Overlay
B6649	Boone	Hwy. 65	1	19.198	B	Polymer Overlay
05883	Carroll	Hwy. 143	1	5.742	A	Polymer Overlay
06613	Craighead	Hwy. 49	3	5.481	A	Polymer Overlay
06612	Craighead	Hwy. 49	3	6.445	A	Polymer Overlay
06119	Craighead	Hwy. 158	5	4.668	A	Polymer Overlay
06805	Fulton	Hwy. 63	1	5.621	A	Polymer Overlay
07337	Fulton	Hwy. 63	1	10.201	A	Polymer Overlay
06289	Greene	Hwy. 412	8B	3.994	A	Polymer Overlay
A7223	Greene	Hwy. 412	9	0.942	A	Polymer Overlay
A7224	Greene	Hwy. 412	9	4.709	A	Polymer Overlay
06831	Greene	Hwy. 412	9	8.071	A	Polymer Overlay
06539	Lawrence	Hwy. 63	3	22.000	A	Polymer Overlay
03367	Madison	Hwy. 21	4	9.407	A	Polymer Overlay
00702	Marion	Hwy. 62	9B	0.641	A	Polymer Overlay
06462	Mississippi	Hwy. 140	2	7.874	A	Polymer Overlay
05862	Mississippi	Hwy. 181	3	4.687	A	Polymer Overlay
06957	Poinsett	Hwy. 14	14	5.940	A	Polymer Overlay
05367	Searcy	Hwy. 27	16	10.531	A	Polymer Overlay
06750	Searcy	Hwy. 65	5	4.118	A	Polymer Overlay
00680	Searcy	Hwy. 66	1	0.028	A	Polymer Overlay

Project Location



PM: PS: db43952: 1/3/2023



INTEROFFICE MEMORANDUM

December 14, 2022

TO: Environmental Job File

FROM: Shelby Linck, Cultural Resources *SL*

SUBJECT: Cultural Resources Clearance Addendum
Job 012444
Districts 5, 9 & 10 Bridge Preservation (2023) (S)
Various Routes, Various Sections
Various Counties

This job now proposes to complete polymer overlay on 22 bridges on various routes in multiple counties, with five bridges (B5204, 06612, 06613, 06539, and 06289) added to the project. Additional work to be completed also includes joint rehab and back wall modification to Bridge 00680, which was previously determined eligible for inclusion in the National Register of Historic Places (NRHP) (AHPP Tracking Number 110525) and joint rehab to Bridge 00702, which is listed in the NRHP. No new right-of-way (ROW) will be acquired. All work will occur on the existing bridges.

A records check for the five additional bridges at the Arkansas Archeological Survey shows one site (3CG1018) near the proposed project area. No previously recorded historic structures were shown on the Arkansas Historic Preservation Program's structure database that are eligible or listed in the NRHP near the project areas. No cemeteries were identified in or adjacent to the project areas.

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, Activities 14 and 15, of the 2021 Programmatic Agreement.

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

ARDOT Job 012444 FAP NHPP-0076(306)

Job Title Districts 5, 9, & 10 Bridge Preservation (2023) (S)

Environmental Resource	None	Minimal	Major	Comments
Air Quality	X			No MSAT analysis required
Cultural Resources	X			Cultural resources clearance attached
Economic	X			No impacts anticipated
Endangered Species	X			No Effect determination
Environmental Justice/Title VI	X			No impacted populations
Fish and Wildlife	X			None in project area
Floodplains	X			No impacts anticipated
Forest Service Property	X			None in project area
Hazardous Materials/Landfills	X			No impacts anticipated
Land Use	X			No impacts anticipated
Migratory Birds	X			No impacts anticipated
Navigation/Coast Guard	X			None in project area
Noise Levels	X			No impacts anticipated
Prime Farmland	X			No impacts anticipated
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 2/3/2023