February 19, 2021

TO: Master Files

FROM: John Fleming, Division Head, Environmental Division

SUBJECT: Job Number 012378  
FAP Number NHPP-0076(229)  
Districts 5 & 10 Bridge Preservation (2021) (S)  
Various Routes & Sections  
Various Counties  
Tier 1 Categorical Exclusion

The purpose of this project is to preserve and rehabilitate a total of 33 bridges through hydrodemolition and polymer overlay in various counties across Districts 5 and 10. In addition, some guardrail and approach gutter replacement will be completed. All work will be performed within the existing right of way. A project location map is attached that includes a list of bridge information.

The project will not involve relocations, endangered species, 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 toxic concerns. No Section 404 permits will be required. The cultural resources clearance is attached.

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.

JF:JG:am

Attachments:  
Project Location Map  
Cultural Resources Clearance  
Environmental Study Checklist

c: Program Management  
Right of Way  
Roadway Design  
Districts 5 & 10  
FHWA
The Arkansas Department of Transportation (ArDOT) proposes to complete bridge rehabilitation work including polymer overlay and hydrodemolition on bridges across the state. All work will occur inside of the existing ArDOT right-of-way. Jobs with those types of activities are referred to as bridge preservation work. The undertaking has no potential to cause effects on historic properties as defined in 36 CFR § 800.3(a) (1) and determined in consultation with the State Historic Preservation Office (email communication with Eric Mills on June 16, 2020; see attachment). The locations are shown on the attached map and require no further work or Section 106 review.
Memo with no potential to cause effects per 36 CFR 800.3.

From: Eric Mills <Eric.Mills@arkansas.gov>
Sent: Tuesday, June 16, 2020 10:30 AM
To: Boykin, Kristina <Kristina.Boykin@ardot.gov>
Subject: RE: bridge preservation

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.

Absolutely, if ARDOT/FHWA determines no potential to affect then we do not need to see these projects.

ERIC R. MILLS
Archeologist/Section 106 Manager

Division of Arkansas Heritage
1100 North Street
Little Rock, AR 72201
eric.mills@arkansas.gov
p: 501.324.9784 | f: 501.324.9184

ArkansasHeritage.com

From: Boykin, Kristina <Kristina.Boykin@ardot.gov>
Sent: Tuesday, June 16, 2020 10:19 AM
To: Eric Mills <Eric.Mills@arkansas.gov>
Subject: RE: bridge preservation

Eric,

I would say these projects have no potential to cause effects. Or if you prefer a submittal, it would be like the pavement preservation letter and table. What do you think?

Kristina
Hello Kristina:

We can review historic bridges in groups if that works better for ARDOT. Is that what you’re asking?

ERIC R. MILLS
Archeologist/Section 106 Manager

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1100 North Street
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Hey Eric,

Instead of having the work in one pavement preservation job, they are separating out the work into bridge preservation. This work is confined to the bridge surface.

What would be the best way to handle all of the bridges? (A Section 106 PA would be handy right now 😊.)

Thanks,
Kristina U. Boykin
Section Head - Cultural Resources
January 12, 2021

TO: Job File

FROM: Shelby Linck, Cultural Resources

SUBJECT: Cultural Resources Clearance
Job Number 012378
Districts 5 & 10 Bridge Preservation (2021) (S)
Various Routes, Various Sections
Various Counties

The Arkansas Department of Transportation (ArDOT) proposes to complete removal and disposal of guardrails on twenty-four bridges throughout the state. These bridges are either less than 50 years old or are exempted under the Advisory Council on Historic Preservation’s Program Comment on Post-1945 Concrete and Steel Bridges (77FR 68790). All work will occur inside of the existing ArDOT right-of-way. The undertaking has no potential to cause effects on historic properties as defined in 36 CFR § 800.3(a) (1).
## ARDOT ENVIRONMENTAL VERIFICATION CHECKLIST

**FOR CONSIDERATION OF POTENTIAL IMPACTS**

**ARDOT Job Number** 012378  
**FAP Number** NHPP-0076(229)

**Job Title** Districts 5 & 10 Bridge Preservation (2021) (S)

<table>
<thead>
<tr>
<th>Environmental Resource</th>
<th>None</th>
<th>Minimal</th>
<th>Major</th>
<th>Comments-required for each item</th>
</tr>
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<tbody>
<tr>
<td>Air Quality</td>
<td>X</td>
<td></td>
<td></td>
<td>No air quality/MSAT impacts</td>
</tr>
<tr>
<td>Cultural Resources</td>
<td>X</td>
<td></td>
<td></td>
<td>CR clearance memos attached</td>
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<tr>
<td>Economic</td>
<td>X</td>
<td></td>
<td></td>
<td>No adverse impacts</td>
</tr>
<tr>
<td>Endangered Species</td>
<td>X</td>
<td></td>
<td></td>
<td>A “no effect” determination was made</td>
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<tr>
<td>Environmental Justice/Title VI</td>
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<td></td>
<td></td>
<td>EJ populations not impacted</td>
</tr>
<tr>
<td>Fish and Wildlife</td>
<td>X</td>
<td></td>
<td></td>
<td>No impacts anticipated</td>
</tr>
<tr>
<td>Floodplains</td>
<td>X</td>
<td></td>
<td></td>
<td>No impacts expected</td>
</tr>
<tr>
<td>Forest Service Property</td>
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<td>None in the project area</td>
</tr>
<tr>
<td>Hazardous Materials/Landfills</td>
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<td></td>
<td></td>
<td>No sites in project area</td>
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<tr>
<td>Land Use</td>
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<td></td>
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<td>Will not be impacted by project</td>
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<tr>
<td>Migratory Birds</td>
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<td></td>
<td></td>
<td>No impacts anticipated</td>
</tr>
<tr>
<td>Navigation/Coast Guard</td>
<td>X</td>
<td></td>
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<td>No navigable waterways involved</td>
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<tr>
<td>Noise Levels</td>
<td>X</td>
<td></td>
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<td>No increases due to project</td>
</tr>
<tr>
<td>Prime Farmland</td>
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<td>None impacted by the project</td>
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<tr>
<td>Protected Waters</td>
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<td>Bridge work over Strawberry River and Turkey Creek; WPC included</td>
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<tr>
<td>Public Recreation Lands</td>
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<td>No impacts anticipated</td>
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<tr>
<td>Public Water Supply/WHPA</td>
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<td>Drinking water sources in area but impacts not anticipated</td>
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<td>Relocatees</td>
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<td>No relocations</td>
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<td>Section 4(f)/6(f)</td>
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<td>4f/6f resources not impacted</td>
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<tr>
<td>Social</td>
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<td>No impacts to the social environment</td>
</tr>
<tr>
<td>Underground Storage Tanks</td>
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<td>No USTs in project area</td>
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<tr>
<td>Visual</td>
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<td>No changes to visual environment</td>
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<td>Streams</td>
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<td>No Section 404 Permit required</td>
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<td>Water Quality</td>
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<td>No impacts anticipated</td>
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<tr>
<td>Wetlands</td>
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<tr>
<td>Wildlife Refuges</td>
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<td>None in the project area</td>
</tr>
</tbody>
</table>

**Section 401 Water Quality Certification Required?**  No

**Short-term Activity Authorization Required?**  No

**Section 404 Permit Required?**  No  
**Type** N/A

**Remarks:**

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**Signature of Evaluator**  
**Date** 2/18/2021