December 13, 2018

TO: Master Files

FROM: John Fleming, Division Head, Environmental Division

SUBJECT: Job Number 090474
         FAP Number HISP-0008(38)
         Hwy. 412-Berryville (Safety Impvts.)(S)
         Route 21, Section 5
         Carroll County
         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 Memorandum of Agreement on Categorical Exclusion Documentation and Processing. A public hearing will not be offered for this project.

The proposed project involves overlaying the existing facility, minor shoulder widening, painting wider pavement markings, installing shoulder mumble stripes and centerline mumble strips, and flattening a vertical curve. These safety improvements will be constructed along selected sections of Highway 21 from Highway 412 north to the City of Berryville, Carroll County. Length of the project is 16.9 miles. No new right of way will be required. A project location map is attached.

The project will not result in relocations or have impacts on any endangered species, prime farmlands, wetlands, underground storage tanks, hazardous materials, environmental justice populations, or cultural resources. A cultural resource clearance is attached. No Section 404 permit will be required.

JF:TT:fc

Attachments:
Location Map
SHPO Clearance
Environmental Study Checklist

c: Program Management
   Right of Way
   Roadway Design
   District 9
   FHWA
Job 090474
Hwy. 412 - Berryville
(Safety Impvts.) (Hwy. 21)
Carroll County
December 7, 2018

Mr. John Fleming, Division Head
Environmental Division
Arkansas State Highway and Transportation Department
PO Box 2261
Little Rock, AR 72203-2261

RE: Carroll County – General
Section 106 Review – FHWA
AHTD Job Number 090474
Hwy. 412 – Berryville
(Safety Impvts.) (S)
Route 21, Section 5
AHPP Tracking Number 102680

Dear Mr. Fleming:

The staff of the Arkansas Historic Preservation Program (AHPP) has reviewed the submitted documents submitted regarding the proposed undertaking referenced above.

We agree this undertaking will not impact 3CR0326 or the various structures and cemetery in the area of potential effect. Therefore, we concur that the proposed undertaking will have no adverse effect to historic properties and that no further work is required.

Tribes that have expressed an interest in the area include the Cherokee Nation (Ms. Elizabeth Toombs), the Delaware Nation (Ms. Kim Penrod), the Osage Nation (Dr. Andrea Hunter), the Quapaw Nation of Oklahoma (Mr. Everett Bandy), and the Shawnee Tribe of Oklahoma (Ms. Tonya Tipton). We recommend that they be consulted in accordance with 36 CFR § 800.2 (c) (2).

Thank you for the opportunity to review this undertaking. Please refer to the AHPP Tracking Number listed above in all correspondence. If you have any questions, please call Theresa Russell of my staff at 501-324-9357.

Sincerely,

Scott Kaufman
Director, AHPP

cc: Mr. Randal Looney, Federal Highway Administration
Dr. Ann Early, Arkansas Archeological Survey
### ArDOT ENVIRONMENTAL VERIFICATION CHECKLIST

**FOR CONSIDERATION OF POTENTIAL IMPACTS**

**ArDOT Job Number** 090474  
**FAP Number** HISP-0008(38)  
**Job Title** Hwy. 412 – Berryville (Safety Impvts.) (S)

<table>
<thead>
<tr>
<th>Environmental Resource</th>
<th>None</th>
<th>Minimal</th>
<th>Major</th>
<th>Comments-required for each item</th>
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<tbody>
<tr>
<td>Air Quality</td>
<td>X</td>
<td></td>
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<td>No impacts anticipated</td>
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<tr>
<td>Cultural Resources</td>
<td>X</td>
<td></td>
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<td>SHPO clearance attached</td>
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<tr>
<td>Economic</td>
<td>X</td>
<td></td>
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<td>Will not be impacted by project</td>
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<tr>
<td>Endangered Species</td>
<td>X</td>
<td></td>
<td></td>
<td>No effect determination</td>
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<tr>
<td>Environmental Justice/Title VI</td>
<td>X</td>
<td></td>
<td></td>
<td>No protected populations in project area</td>
</tr>
<tr>
<td>Fish and Wildlife</td>
<td>X</td>
<td></td>
<td></td>
<td>Work within existing right of way</td>
</tr>
<tr>
<td>Floodplains</td>
<td>X</td>
<td></td>
<td></td>
<td>No floodplain permit required</td>
</tr>
<tr>
<td>Forest Service Property</td>
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<td></td>
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<td>No Forest Service property in project area</td>
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<tr>
<td>Hazardous Materials/Landfills</td>
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<td></td>
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<tr>
<td>Land Use</td>
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<tr>
<td>Migratory Birds</td>
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<td>No effects to migratory birds expected</td>
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<tr>
<td>Navigation/Coast Guard</td>
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<td>No navigation concerns in the project area</td>
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<tr>
<td>Noise Levels</td>
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<td>No noise impacts expected</td>
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<td>Prime Farmland</td>
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<td>No prime farmland to be impacted</td>
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<tr>
<td>Protected Waters</td>
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<td>None in the project area</td>
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<tr>
<td>Public Recreation Lands</td>
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<td>None in project area</td>
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<tr>
<td>Public Water Supply/WHPA</td>
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<td></td>
<td>None in the project area</td>
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<td>Relocatees</td>
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<td>Section 4(f)/6(f)</td>
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<td>No 4(f)/6(f) resources present</td>
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<tr>
<td>Social</td>
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<td>No impacts to the social environment</td>
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<tr>
<td>Underground Storage Tanks</td>
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<td>No UST’s to be impacted</td>
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<td>Visual</td>
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<td>No changes to visual environment</td>
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<tr>
<td>Streams</td>
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<td>No work in streams anticipated</td>
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<td>Water Quality</td>
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<tr>
<td>Wetlands</td>
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<td>Wildlife Refuges</td>
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<td></td>
<td></td>
<td>None in the project area</td>
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Section 401 Water Quality Certification Required?  N  
Short-term Activity Authorization Required?  N  
Section 404 Permit Required?  N  
Type __________________________

Remarks: .

Signature of Evaluator ___________________________  Date December 4, 2018  

7/27/2018
ROADWAY DESIGN REQUEST

Job Number 090474  FAP No.  County Carroll
Job Name Hwy. 412 – Berryville (Safety Impvts.) (S)  Design Engineer  David Baker  Environmental Staff
Brief Project Description Minor shoulder widening with overlay, shoulder mumble stripes, and centerline mumble strips.

A. Existing Conditions:
   Roadway Width: 26'  Shoulder Type/Width: 2' paved
   Number of Lanes and Width: 2-11'  Existing Right-of-Way: 80'
   Sidewalks?  Location: Width:
   Bike Lanes?  Location: Width:

B. Proposed Conditions:
   Roadway Width: 30'  Shoulder Type/Width: 4' paved
   Number of Lanes and Width: 2-11'  Proposed Right-of-Way: 80'
   Sidewalks?  Location: Width:
   Bike Lanes?  Location: Width:

C. Construction Information:
   If detour  Where: Length:

D. Design Traffic Data:
   2019 ADT: 2900  2039 ADT: 3500  % Trucks: 17%
   Design Speed: N/A m.p.h.

E. Approximate total length of project: 16.94 mile(s)

F. Justification for proposed improvements: Safety Improvements

G. Total Relocatees: 0  Residences:  Businesses:

H. Have you coordinated with any outside agencies (e.g., FHWA, City, County, etc.)?  No

<table>
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<tr>
<th>Agency/Official</th>
<th>Person Contacted</th>
<th>Date</th>
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