



INTEROFFICE MEMORANDUM

September 17, 2019

TO: Master Files

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

SUBJECT: Job Number BB0608
FAP Number BIM-B40-0(217)
Hwy. 31 – Prairie Co. Line (S)
Route 40, Section 41
Lonoke County
Tier 1 Categorical Exclusion

The purpose of this project is to rehabilitate 10.7 miles of Interstate 40 in Lonoke County from Highway 31 to the Prairie County Line. This project will include mill and inlay of the roadway, polymer overlay of four bridges, and hydro-demolition of one bridge. All work will take place within existing right of way. A project location map is attached.

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. The Cultural Resources clearance is attached.

The official species list obtained through US Fish and Wildlife Service's (USFWS) Information for Planning and Consultation website identifies the proposed 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 Fat Pocketbook (*Potamilus capax*), the endangered Pink Mucket (*Lampsilis abrupta*), the threatened Rabbitsfoot (*Theliderma cylindrica*),

and the endangered Scaleshell Mussel (*Leptodea leptodon*). A “no effect” determination was made for the federally listed plant, bird, and mussel species.

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.

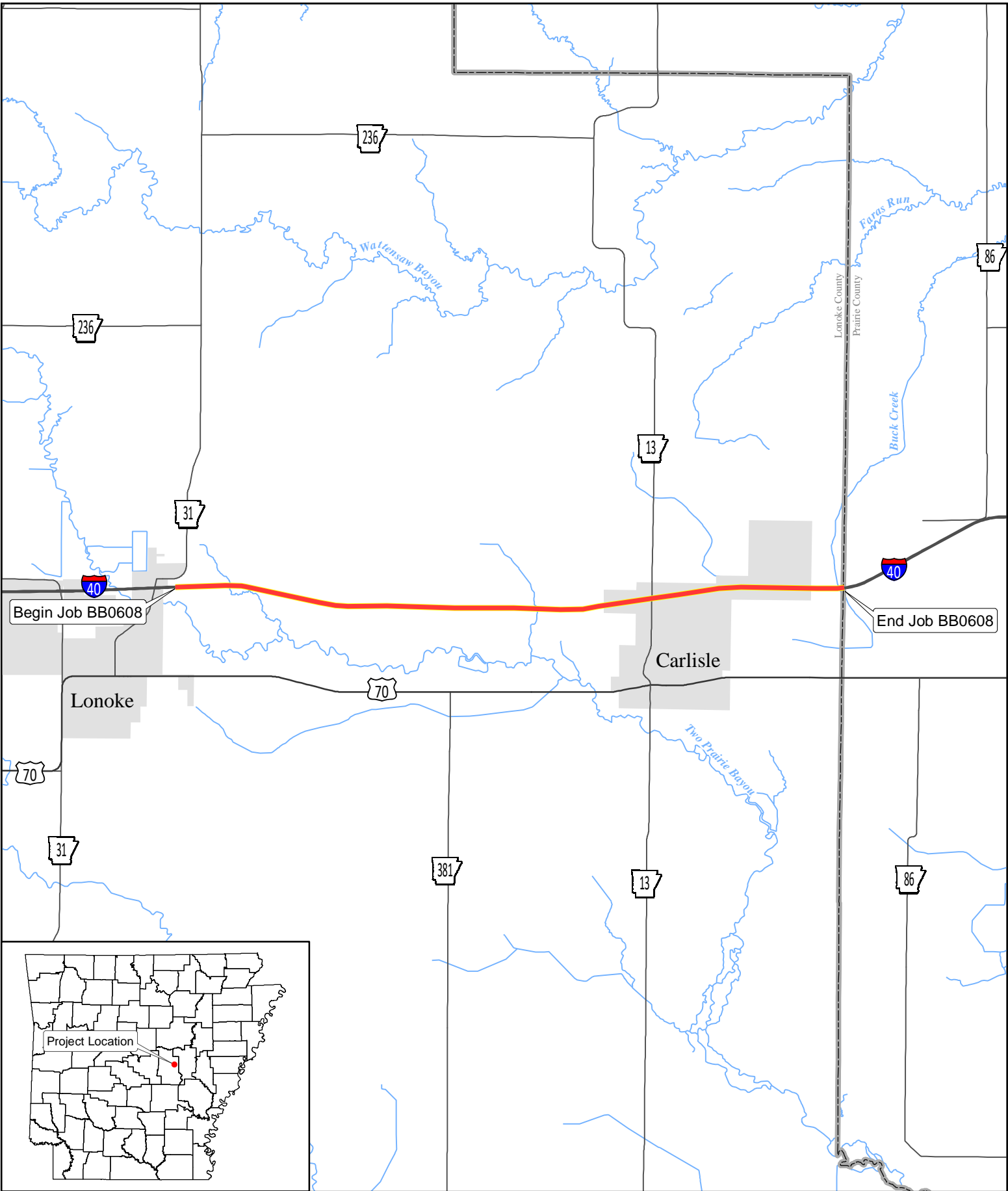
No Section 404 permit will be required for the construction of this project.

JF:JG:am

Attachments:

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

c: Program Management
Right of Way
Roadway Design
District 6
FHWA

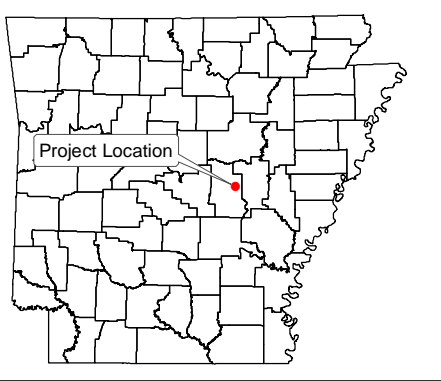


Begin Job BB0608


End Job BB0608

Carlisle

Lonoke



Job BB0608
Hwy. 31 - Prairie Co. Line
(I - 40)
Lonoke County

 Project Location



INTEROFFICE MEMORANDUM

September 3, 2019

TO: Job File

mh

FROM: M. Hughes, Cultural Resources Section, Environmental Division

SUBJECT: Cultural Resources Clearance
Job Number BB0608
Hwy. 31 – Prairie Co. Line (S)
I-40, Section 41
Lonoke County

The Arkansas Department of Transportation proposes to rehabilitate a 10.7-mile portion of Interstate 40 in Lonoke County. This project will affect five bridges:

03652 (79.42, Poly. Ovly., NP, Deck 6, Super. 7, Sub. 6, 1963);
03653 (83.03, Poly. Ovly., NP, Deck 6, Super. 7, Sub. 6, 1963);
03656 (76.00, Hydro., Joint Rpr., NP, Deck 6, Super. 7, Sub. 6, 1963);
A3654 (86.94, Poly. Ovly., NP, Deck 6, Super. 6, Sub. 7, 1963);
B3654 (89.83, Poly. Ovly., NP, Deck 7, Super. 7, Sub. 7, 1963).

All five bridges affected by this project are exempt from the Historic Preservation Review Process due to the Section 106 Exemption Regarding Effects to the Interstate Highway System. No further work is needed for any of the bridges.

An examination of the Arkansas Archeological Survey and Arkansas Historic Preservation Program databases was conducted for previously recorded archeological sites, projects, and historic properties located within or adjacent to the proposed right-of-way (ROW) for this job. General Land Office plats, the 1936 Lonoke County highway map, and the relevant topographic maps were reviewed for potential site locations.

No previously recorded archeological sites, projects, or historic properties were identified in the project area on the AAS or AHPP databases. The 1816 General Land Office (GLO) plat of Township 2 North, Range 7 West did not indicate any traces, roads, fields or structures in or near the project. The 1853 GLO plat of the same Township/Range shows

three agricultural fields (“Davis” in Section 15; “? Burciful’s (?)” in Sections 16 and 17; and “McBride’s” in Section 18) in or near what became the I-40 corridor. The 1853 plat also shows two roads – “Road from Little Rock to Memphis” and “Old Post of Arkansas Road” - crossing the corridor from the NW to the SE. The “Road from Little Rock to Memphis” parallels the interstate corridor in Section 15 and crosses it in Section 16. The “Old Post of Arkansas Road” crossed the interstate corridor in the northwest corner of Section 16. The 1820 GLO survey plat of Township 2 North, Range 8 West did not indicate any traces, roads, fields or structures in or near the project. The 1854 GLO of the same Township/Range shows agricultural fields (“Shouse’s” in Section 15; “E Gray” in Section 14; and “G Gray” in Section 13) approaching what became the Interstate 40 corridor but it does not appear that they extended into the existing ROW. The 1936 Lonoke County highway map noted several secondary highways and a few structures located in what became the interstate corridor.

This project will occur in heavily disturbed areas on existing paved interstate surfaces located within the existing roadway. No additional ROW will be acquired for this project. As such, this activity does not have the potential to affect any undisturbed land surfaces or historic properties. Therefore, this project is subject to the 1999 Memorandum of Agreement and falls under the exempted category “Reconstruction.” This project is requires no further work or Section 106 Review.

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

ARDOT Job Number BB0608 FAP Number BIM-B40-0(217)

Job Title Hwy. 31 – Prairie Co. Line (S)

Environmental Resource	None	Minimal	Major	Comments-required for each item
Air Quality	X			No air quality/MSAT impacts
Cultural Resources	X			Cultural Resources clearance attached
Economic	X			No adverse impacts
Endangered Species	X			'No effect' determination
Environmental Justice/Title VI	X			EJ populations not located in project area
Fish and Wildlife	X			None impacted in the project area
Floodplains	X			None occur in project area
Forest Service Property	X			None in project area
Hazardous Materials/Landfills	X			No sites in project area
Land Use	X			Will not be impacted by project
Migratory Birds	X			None in the project area
Navigation/Coast Guard	X			No navigable waterways involved
Noise Levels	X			No increases due to project
Prime Farmland	X			None impacted by project
Protected Waters	X			None occur in project area
Public Recreation Lands	X			None in project area
Public Water Supply/WHPA		X		Hydro-Demolition & WHP for off-site areas SP included
Relocates	X			No relocations
Section 4(f)/6(f)	X			4f resources not present
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			No impacts due to the scope of the project
Water Quality	X			No impacts due to the scope of the project
Wetlands	X			None in the project area
Wildlife Refuges	X			None in the project area

Section 401 Water Quality Certification Required? No
 Short-term Activity Authorization Required? No
 Section 404 Permit Required? No Type _____

Remarks:


Signature of Evaluator Joshua Graham Date 9/13/2019



INTEROFFICE MEMORANDUM

July 1, 2022

TO: Master Files

FROM: John Fleming, Division Head, Environmental Division 

SUBJECT: Job 061687
FAP NHPP-40-4(87)
Hwy. 31 – East (S)
Route 40, Sections 41 & 42
Lonoke & Prairie Counties
Tier 1 Categorical Exclusion

A Tier 1 Categorical Exclusion was completed for the subject job on September 17, 2019. The original job number was BB0608 and length was 10.7 miles. Since that time, the job number has changed to 061687 and the length has increased to 24.3 miles. The work will include a 2" mill and overlay of the Interstate 40 roadway, polymer overlay of five bridges, and hydro-demolition of four bridges. All work will be performed within the existing right of way and no additional environmental impacts are anticipated.

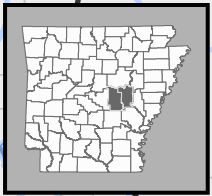
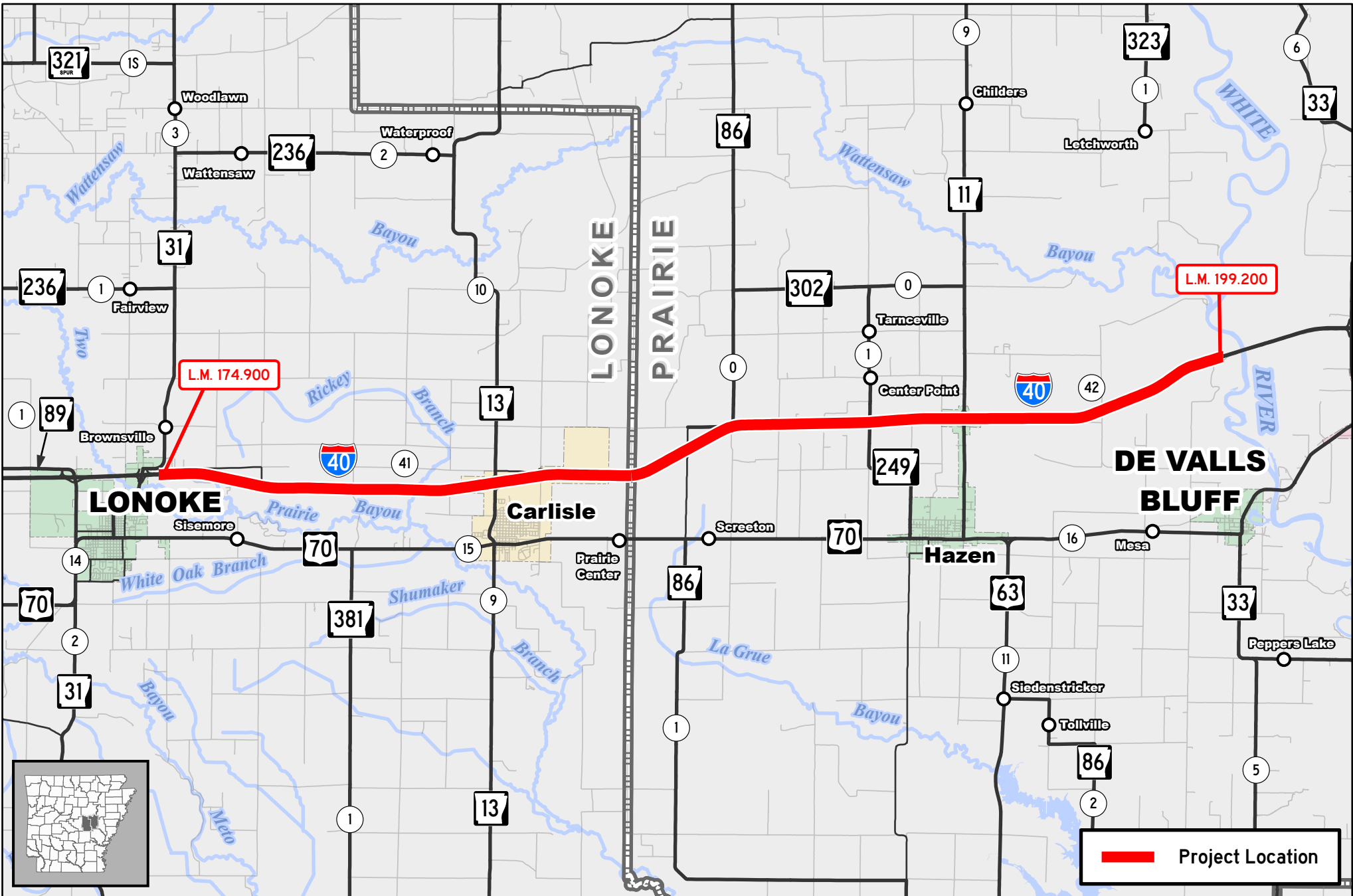
The project will remain a Tier 1 Categorical Exclusion as described by the ARDOT/FHWA Programmatic Agreement on Categorical Exclusion Documentation and Processing. A public hearing will not be offered for this project.

JF:JG:fc

Attachments:

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

c: Program Management
Right of Way
Roadway Design
District 6
FHWA



Job 061687
Hwy. 31 – East (S)
 I-40, Secs. 41 & 42
 Lonoke & Prairie Counties

0 1 2 4
Miles



INTEROFFICE MEMORANDUM

June 10, 2022

TO: Job File

M H

FROM: M. Hughes, Cultural Resources

SUBJECT: Cultural Resources Clearance
Job 061687
Hwy. 31 - East (S)
Route 40, Sections 41 & 42
Lonoke & Prairie Counties

This job has been combined with job 061688 and supersedes Job BB0608 that was cleared under the 1999 MOA on January 24, 2012. The current job proposes a 2" mill and overlay on 24.3 miles of Interstate 40 in Lonoke and Prairie Counties. Bridge travel surfaces along the project will be repaired as follows:

Bridge Number	Log Mile	Treatment
03652	75.28	Polymer Overlay
03653	74.84	Polymer Overlay
03656	73.64	Hydro-Demolition, Joint Repair
03670	74.89	Hydro-Demolition
03671	77.53	Hydro-Demolition
03672	75.72	Polymer Overlay
03708	85.06	Hydro-Demolition
A3654	89.83	Polymer Overlay
B3654	89.83	Polymer Overlay

All of the bridges are located on the interstate system and were not evaluated for NRHP eligibility due to the Advisory Council on Historic Preservation's Section 106 exemption regarding effects to the Interstate Highway System (filed on the Federal Register as 69 FR 77979-77981 and authority of 16 U.S.C. 470v; 36 CFR 800.14(c) on March 7, 2005). This project is subject to the 2021

Job 061687
Cultural Resources Clearance
Page 2 of 2

Programmatic Agreement and falls under Activities B, C, and I of Appendix B.
The project is exempt from further work or Section 106 review.

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

ARDOT Job 061687 FAP NHPP-40-4(87)

Job Title Hwy. 31 – East (S)

Environmental Resource	None	Minimal	Major	Comments-required for each item
Air Quality	X			No air quality/MSAT impacts
Cultural Resources	X			Cultural Resource clearance attached
Economic	X			No adverse impacts
Endangered Species	X			'No effect' determination
Environmental Justice/Title VI	X			EJ populations not located in project area
Fish and Wildlife	X			None impacted in the project area
Floodplains	X			None impacted by the project
Forest Service Property	X			None in project area
Hazardous Materials/Landfills	X			No sites in project area
Land Use	X			Will not be impacted by project
Migratory Birds	X			No impacts anticipated
Navigation/Coast Guard	X			No navigable waterways involved
Noise Levels	X			No increases due to project
Prime Farmland	X			None impacted by project
Protected Waters	X			None occur in project area
Public Recreation Lands	X			None in project area
Public Water Supply/WHPA		X		WHP SP included
Relocates	X			No relocations
Section 4(f)/6(f)	X			4f resources not present
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			No impacts due to the scope of the project
Water Quality	X			No impacts due to the scope of the project
Wetlands	X			None in the project area
Wildlife Refuges	X			None in the project area

Section 401 Water Quality Certification Required? No

Short-term Activity Authorization Required? No

Section 404 Permit Required? No Type _____

Remarks: _____

Signature of Evaluator  Date 6/29/2022