





INTEROFFICE MEMORANDUM

February 27, 2020

TO: Master Files

FROM:  John Fleming, Division Head, Environmental Division 

SUBJECT: Job Number 110124
FAP Number NHPP-0048(35)
Hwy. 39 Strs. & Apprs. (S)
Route 39, Section 10
Bridge Numbers M0856 & M0857
Monroe 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 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 replace two bridges on Highway 39 in Monroe County, Arkansas. Total project length is less than one mile. A project location map is attached.

The existing roadway consists of two 10' wide paved travel lanes with 4' unpaved shoulders. Both bridges will be replaced with box culverts. Proposed improvements include two 11' wide paved travel lanes with 4' wide (2' paved) shoulders. Additional right of way needed for the project will be less than 0.1 acre and 0.3 acre of temporary construction easement.

Design data for this project is as follows:

Design Year	Average Daily Traffic	Percent Trucks	Design Speed
2021	200	5	55 mph
2041	260		

The project will not involve relocations, wellhead protection areas/public water supplies, floodplain impacts, 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 State Historic Preservation Officer's clearance is attached.

Based on the ARDOT noise policy, a noise analysis is not required for this project. Replacing the bridges with box culverts will not involve adding capacity, substantially changing the roadway alignment, or exposing noise sensitive land uses to traffic noise sources. In compliance with federal guidelines, local authorities will not require notification.

The official species list obtained from the US Fish and Wildlife Service's Information for Planning and Consultation website identified the following species: the Eastern Black Rail (*Laterallus jamaicensis*), Piping Plover (*Charadrius melodus*), Red Knot (*Calidris canutus rufa*), Red-cockaded Woodpecker (*Picoides borealis*), and pondberry (*Lindera melissifolia*) as threatened and endangered species potentially occurring within the project area. Due to the lack of habitat in the project area and the distance to known occurrences of these species, it is our determination that the proposed project will have "no effect" on the aforementioned listed species.

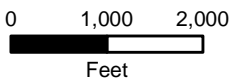
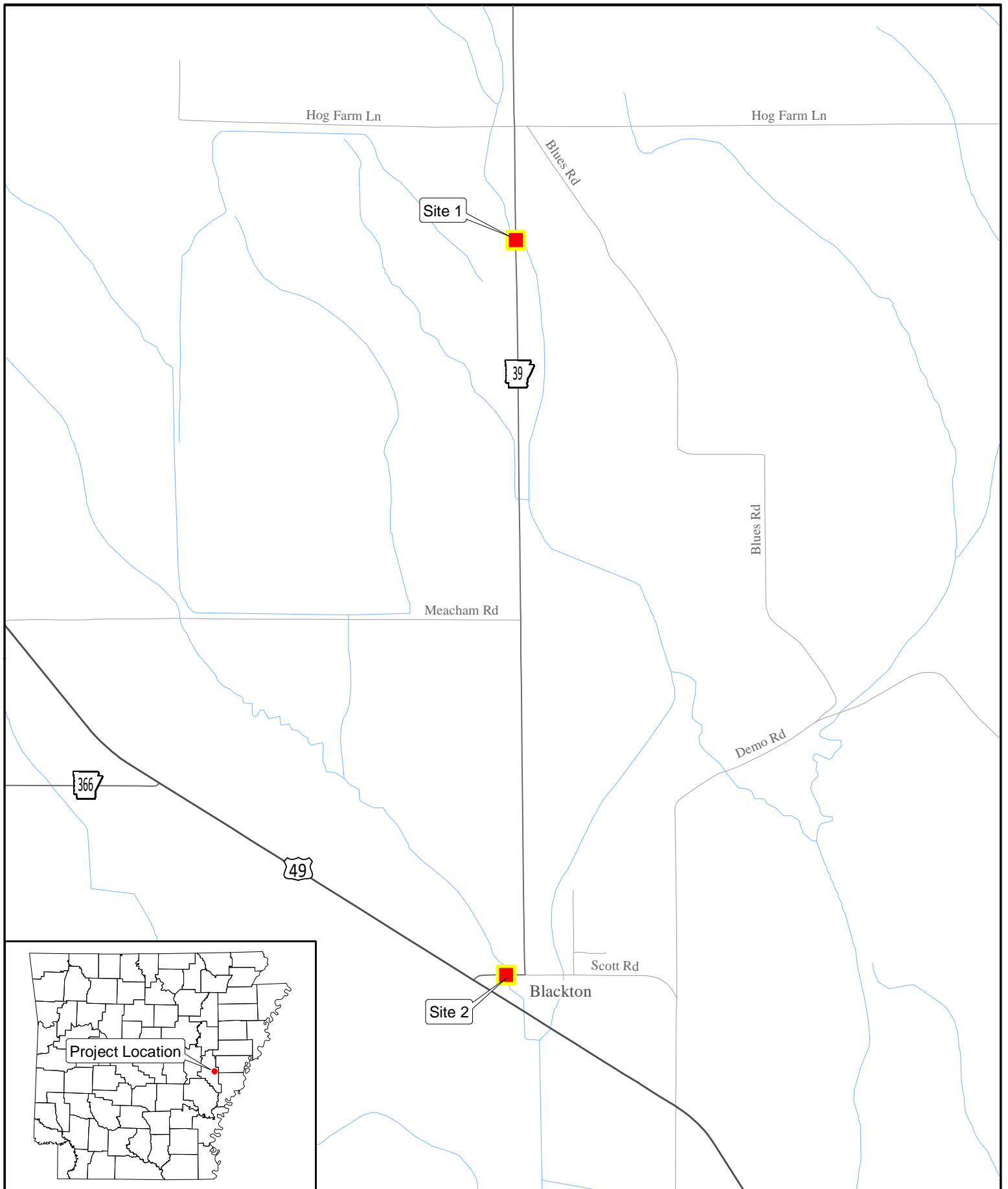
Total impacts to waters of the United States for the construction of this project are estimated at 0.1 acre of waters of the United States. Construction should be allowed under the terms of a Section 404 Nationwide Permit 14 for Linear Transportation Crossings as defined in Federal Register 82(4):1860-2008. A pre-construction notification is not required.

JF:KR:am

Attachments:

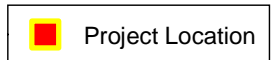
- Location Map
- SHPO Clearance
- Environmental Study Checklist
- Design Criteria

c: Program Management
Right of Way
Roadway Design
District 1
FHWA



ARDOT - Environmental GIS - Hopkins
January 28, 2020

Job 110124
Hwy. 39 Strs. & Apprs.
(N. of Blackton) (Hwy. 39)
Monroe County





ARKANSAS HERITAGE



January 21, 2020

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

RE: Monroe County – General
Section 106 Review – FHWA
Hwy. 39 Str. & Apprs. (N. of Blackton) (S)
Route 39, Sec. 10
ARDOT Job Number: 110124
AHPP Tracking Number: 103110.01

Dear Mr. Fleming:

The staff of the Arkansas Historic Preservation Program (AHPP) reviewed the Project Identification Form for the above-referenced job in Monroe County. The undertaking entails replacing Bridges M0856 and M0857 on Highway 39. On March 1, 2019, the AHPP concurred that Bridges M0856 and M0857 are not eligible for inclusion in the National Register of Historic Places. The AHPP concurs with the finding of **no historic properties affected pursuant to 36 CFR § 800.4(d)(1)**. In the event of a post-review discovery of historic properties within the area of potential effects, please contact the AHPP and other consulting parties in accordance with 36 CFR § 800.13(b)(3).

Tribes that have expressed an interest in the area include the Cherokee Nation (Ms. Elizabeth Toombs), the Chickasaw Nation (Ms. Karen Brunso), the Choctaw Nation of Oklahoma (Ms. Madison Currie), the Jena Band of Choctaw Indians (Ms. Alina J. Shively), the Muscogee (Creek) Nation (Ms. Corain Lowe-Zepeda), the Osage Nation (Dr. Andrea Hunter), the Quapaw Nation (Mr. Everett Bandy), and the Shawnee Tribe (Ms. Tonya Tipton). We recommend consultation in accordance with 36 CFR § 800.2(c)(2).

Please refer to the AHPP Tracking Number listed above in all correspondence. If you have any questions, please call Eric Mills of my staff at 501-324-9784 or email eric.mills@arkansas.gov.

Sincerely,


Scott Kaufman
Director, AHPP

cc: Mr. Randall Looney, Federal Highway Administration
Dr. Ann Early, Arkansas Archeological Survey

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

ARDOT Job Number 110124 FAP Number NHPP-0048(35)
Job Title Hwy. 39 Strs. & Apprs. (S)

Environmental Resource	None	Minimal	Major	Comments-required for each item
Air Quality	X			No MSAT impacts anticipated
Cultural Resources	X			"No historic properties affected"
Economic	X			Will not be impacted by project
Endangered Species	X			"No effect" determinations
Environmental Justice/Title VI	X			No protected populations in project area
Fish and Wildlife		X		Temporary impacts during construction
Floodplains	X			No Floodplain SP required
Forest Service Property	X			None in project area
Hazardous Materials/Landfills	X			No sites in project area
Land Use	X			No impacts anticipated
Migratory Birds	X			Migratory Bird SP included
Navigation/Coast Guard	X			No navigable waterways involved
Noise Levels	X			No impacts anticipated
Prime Farmland	X			None in project area
Protected Waters	X			None in project area
Public Recreation Lands	X			None in project area
Public Water Supply/WHPA	X			None in project area
Relocatees	X			No relocations
Section 4(f)/6(f)	X			4(f)/6(f) 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		Nationwide 14 Section 404 Permit
Water Quality		X		Temporary decline during construction
Wetlands	X			No impacts anticipated
Wildlife Refuges	X			None in the project area

Section 401 Water Quality Certification Required? No
 Short-term Activity Authorization Required? Yes
 Section 404 Permit Required? Yes Type NWP-14

Remarks: No preconstruction notification will be required.

Signature of Evaluator Katheryn Rose Date February 21, 2020

PROJECT DESIGN CRITERIA

DATE: October 10, 2019
REV.: _____

JOB NO: 110124 ROUTE / SECTION: 39 / 10 LENGTH: 0.16 mile COUNTY: Monroe
 JOB NAME: Hwy. 39 Strs. & Apprs. (N. of Blackton) (S) MIN ORDER: 2018-080
 2021 ADT: 200 2041 ADT: 260 TRUCK: 5% 4-LANE GRID SYSTEM: No
 APHN: No INCENTIVE/DISINCENTIVE: No FUNCTIONAL CLASSIFICATION: Major Collector

EXISTING CONDITIONS

ROADWAY WIDTH: 28' WIDTH OF TRAVELED WAY: 20' SHOULDERS (WIDTH/TYPE): 4' / Unpaved
 BIKE/PED ACCOMMODATIONS: N/A CRASH RATE: 0.00 STATEWIDE CRASH RATE: 1.07

BRIDGE INFORMATION

Bridge No.	Log Mile	Length x Width	Structure Type	BCI	Deck/Culvert Rating	Superstructure Rating	Substructure Rating	Posted
M0856	2.69	32.0' x 24.0'	Timber Multi-Beam	33.44	6	6	5	0
M0857	5.00	46.0' x 23.5'	Timber Multi-Beam	19.49	7	5	5	0

* Refer to PDC Bridge Information Codes

RECOMMENDED CRITERIA

NO. OF LANES: 2 WIDTH: 11' SHOULDERS (WIDTH/TYPE): 4' (2' Paved)
 DIVIDED: No MEDIAN WIDTH: N/A PARKING: No
 BRIDGE WIDTHS: N/A DESIGN SPEED - RURAL: 55 mph URBAN: N/A
 DEGREE OF ACCESS CONTROL: None CLEAR ZONE: 18' @ 4:1
14' @ 6:1
 LOCATION OF INTERCHANGES: N/A CHANNELIZED INTERSECTION: As warranted
 TRAFFIC SIGNALS: As warranted RR X-ING PROTECTION: N/A
 BIKE/PED ACCOMMODATIONS: N/A
 PREVIOUS PLANNING STUDY: None
 STUDY FINDING: N/A

RECOMMENDED TYPE FUNDS: NHPP
 PRELIM COST ESTIMATE: ROADWAY: \$1,600,000 BRIDGE: \$0 TOTAL: \$1,600,000

REMARKS:

2 R.C. Box Culverts
Use AASHTO Green Book (2018)

RECOMMENDED BY:

Charles Ellis: *Charles R. Ellis* Trinity Smith: *Trinity Smith*
 Date: 10/17/19 Date: 10/10/19

APPROVED BY:

Mike Fugett: *Mike Fugett* Date: 10-18-19
 ACE-Design

(ATTACH NEW PROJECT MEMO, LOCATION MAP, AND CRASH ANALYSIS)