



## INTEROFFICE MEMORANDUM

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September 24, 2021

**TO:** Master Files

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

**SUBJECT:** Job 030530  
FAP NHPP-0050(35)  
Mill Creek Str. & Apprs. (S)  
Route 387, Section 1  
Nevada 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.

The purpose of this project is to replace the existing Mill Creek Bridge (#M3258) in Nevada County. A project location map is attached.

The total project length is 0.17 mile. The existing bridge will be replaced on existing alignment with reinforced concrete box culvert. A temporary detour road will be constructed to maintain traffic. The typical section of Highway 387 will remain at two 10' paved travel lanes with 4' (2' paved) wide shoulders. The existing right of way width is 80'. The proposed right of way width will range from 80' to 127'. Approximately 0.3 acre of new right of way will be acquired.

Design data for this project is as follows:

Design Year	Average Daily Traffic (vpd)	Percent Trucks	Design Speed (mph)
2022	180	8	30
2042	220		

There are no relocations, environmental justice concerns, prime farmlands, underground storage tanks/hazardous wastes, or cultural resources associated with this project. 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. State Historic Preservation Officer clearance is attached.

Based on the ARDOT noise policy, a noise analysis is not required for this project. The bridge replacement 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.

Nevada County participates in the National Flood Insurance Program. The Project lies within the Zone A Special Flood Hazard Areas. The final project design will be reviewed to confirm that the design is adequate and that the potential risk to life and property are minimized. Adjacent properties should not be impacted nor have a greater flood risk than existed before construction of the project. None of the encroachments will constitute a substantial floodplain encroachment or risk to property or life.

The official species list obtained through the U.S. Fish and Wildlife Service's (USFWS) Information for Planning and Consultation website identifies the following federally listed species as potentially occurring in the project area: the threatened Eastern Black Rail (*Laterallus jamaicensis* ssp. *jamaicensis*), Red Knot (*Calidris canutus rufa*), and Piping Plover (*Charadrius melodus*). See the attached species list. Due to the lack of open marshes and riverine gravel bars, a determination of "no effect" was reached for all listed species.

Permanent stream impacts to an unnamed intermittent stream are estimated at less than 121' and less than 0.1 acre. Temporary wetland impacts from the detour road are estimated at 0.3 acre. Mitigation credits for the wetland impacts will be

debited from the nearest approved mitigation bank. Construction of the proposed project should be allowed under the terms of a Nationwide 14 Section 404 Permit for Linear Transportation Projects as defined in the Federal Register 82(4):1860-2008.

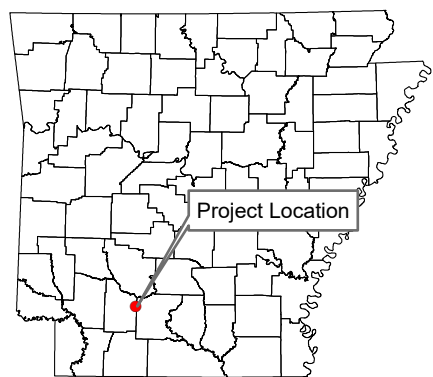
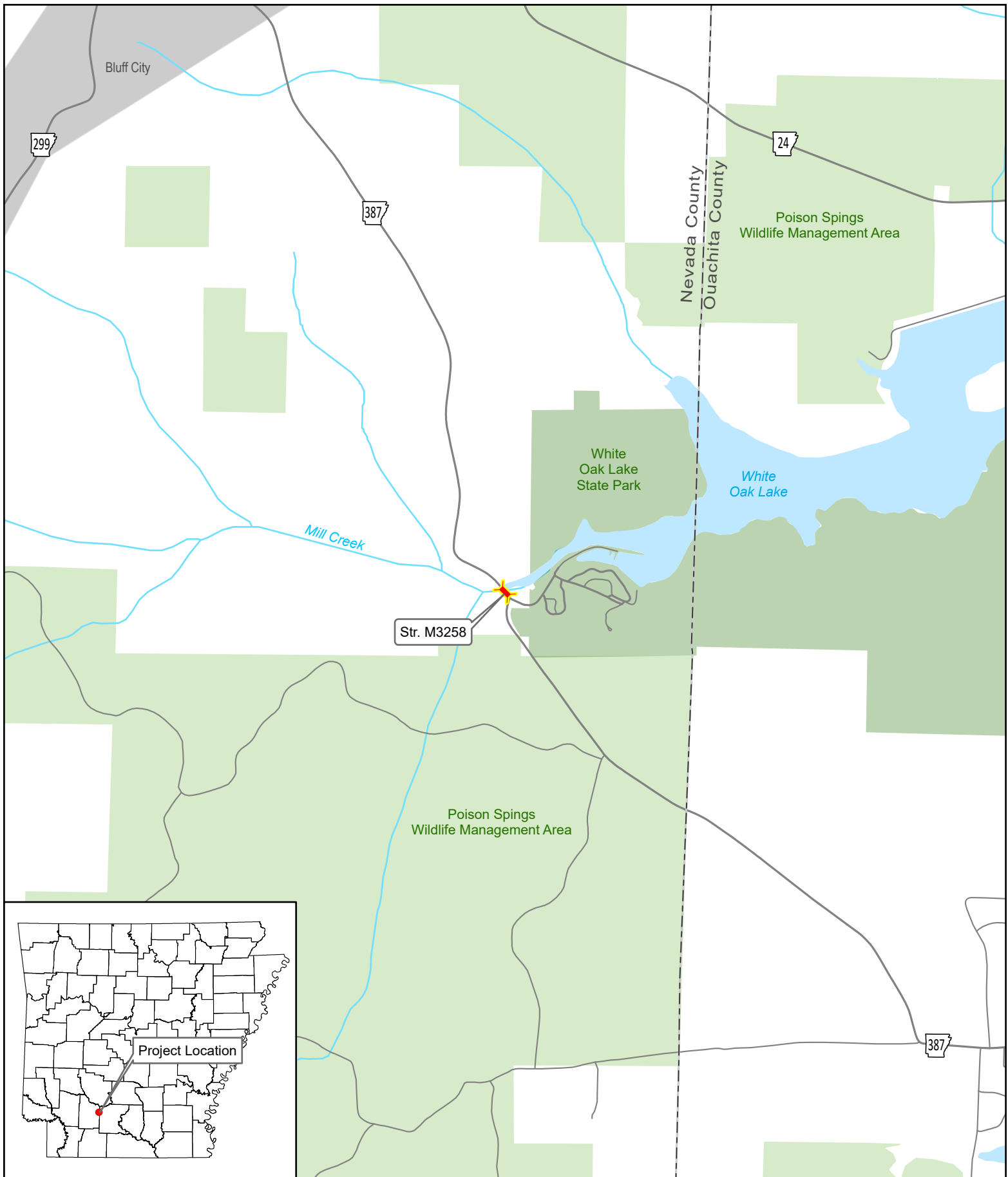
No other adverse environmental impacts were identified. The design sheet and checklist used to verify consideration of potential environmental impacts are attached.

JF:MP:sw

Attachments:

- Project Location Map
- SHPO Clearance
- Environmental Study Checklist
- Design Sheet

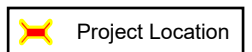
c: Program Management  
Right of Way  
Roadway Design  
District 3  
FHWA



0 1,000 2,000  
Feet

ARDOT - Environmental GIS - Strawn  
August 4, 2021

Job 030530  
Mill Creek Str. & Apprs.  
(Hwy. 387)  
Nevada County





Asa Hutchinson  
Governor  
Stacy Hurst  
Secretary

May 5, 2021

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

Re: Nevada County – General  
Section 106 Review – FHWA  
Mill Creek Str. & Apprs.  
Route 387, Section 1  
ARDOT Job Number 030530  
AHPP Tracking Number 106784.01

Dear Mr. Fleming:

The staff of the Arkansas Historic Preservation Program (AHPP) reviewed the Project Identification Form (PIF) for the above-referenced job in Section 13 of Township 12 South, Range 20 West in Nevada County. As described, the undertaking entails replacing Bridge M3258 over Mill Creek on Arkansas Highway 387. In correspondence dated October 5, 2020, the AHPP concurred that Bridge M3258 is not eligible for inclusion in the National Register. The survey area, including existing (2.4 acres) and temporary (1.3 acres) Right-of-Way (ROW) totals 3.7 acres.

There is one historic property within the area of potential effects: AHPP Resource NE0187 (Entrance Sign to White Oak Lake State Park). Although the resource lies within the ROW, it is outside the proposed construction limits. The undertaking will not cause effects to the historic property.

Based on the provided information, the AHPP concurs with the finding of **no adverse effect pursuant to 36 CFR § 800.5(b)** for the proposed undertaking.

Tribes that have expressed an interest in the area include the Caddo Nation, the Choctaw Nation of Oklahoma, the Osage Nation, the Quapaw Nation, the Shawnee Tribe, and the United Keetoowah Band of Cherokee Indians. We recommend consultation in accordance with 36 CFR § 800.2(c)(2).

Thank you for the opportunity to review this undertaking and PIF. If you have any questions, please contact Eric Mills of my staff at (501) 324-9784 or [eric.mills@arkansas.gov](mailto:eric.mills@arkansas.gov).

Sincerely,

*for*  
Scott Kaufman  
Director, AHPP

cc: Mr. Randal Looney, Federal Highway Administration  
Dr. Melissa Zabecki, Arkansas Archeological Survey

# ARDOT ENVIRONMENTAL VERIFICATION CHECKLIST FOR CONSIDERATION OF POTENTIAL IMPACTS

ARDOT Job 030530 FAP NHPP-0050(35)

Job Title Mill Creek Str. & Apprs. (S)

Environmental Resource	None	Minimal	Major	Comments-required for each item
Air Quality	X			No impacts anticipated
Cultural Resources	X			SHPO clearance attached
Economic	X			No adverse impacts
Endangered Species		X		No effect determination
Environmental Justice/Title VI	X			EJ populations not identified in project area
Fish and Wildlife		X		Minimal during construction
Floodplains	X			Zone A SFHA; SP required
Forest Service Property	X			None in project area
Hazardous Materials/Landfills	X			None in project area
Land Use		X		0.3 acre new ROW acquired
Migratory Birds	X			Migratory Bird SP included
Navigation/Coast Guard	X			None in project area
Noise Levels	X			Noise analysis not required
Prime Farmland	X			None identified in project area
Protected Waters	X			None in project area
Public Recreation Lands	X			None in project area
Public Water Supply/WHPA	X			No impacts anticipated
Relocates	X			Relocations not needed
Section 4(f)/6(f)	X			Section 4(f)/6(f) resources not impacted
Social	X			No adverse impacts
Underground Storage Tanks	X			None in project area
Visual	X			No adverse impacts
Streams		X		Impacts to 121' and less than 0.1 acre
Water Quality		X		Minimal during construction
Wetlands		X		Approx. 0.3 acre of impacts
Wildlife Refuges	X			None in project area

Section 401 Water Quality Certification Required? N

Short-term Activity Authorization Required? Y

Section 404 Permit Required? Y Type NW 14

Remarks: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Signature of Evaluator Mary Pearson Date 9/10/21

Date Sent: July 30, 2021

## ROADWAY DESIGN REQUEST

Job Number 030530 FAP No. NHPP-0050(35) County Nevada

Job Name Mill Creek Str. & Apprs. (S)

Design Engineer McClelland Consulting Environmental Staff \_\_\_\_\_

Detailed Project Description The purpose of this project is to replace the existing bridge with a quintuple 9' x 6' x 52' R.C. box culvert. The existing bridge is posted with weight restrictions. The new structure will be placed on the existing alignment and a temporary detour will be constructed to maintain traffic.

A. Existing Conditions:

Roadway Width: 28' Shoulder Type/Width: 4' (2' Paved)

Number of Lanes and Width: 2 @ 10' Existing Right-of-Way: 80'

Sidewalks? No Location: \_\_\_\_\_ Width: \_\_\_\_\_

Bike Lanes? No Location: \_\_\_\_\_ Width: \_\_\_\_\_

B. Proposed Conditions:

Roadway Width: 28' Shoulder Type/Width: 4' (2' Paved)

Number of Lanes and Width: 2 @ 10' Proposed Right-of-Way: 80'-127'

Sidewalks? No Location: \_\_\_\_\_ Width: \_\_\_\_\_

Bike Lanes? No Location: \_\_\_\_\_ Width: \_\_\_\_\_

C. Construction Information:

If detour: Where: West side of existing Length: 1006.14'

D. Design Traffic Data:

2022 ADT: 180 2042 ADT: 220 % Trucks: 8

Design Speed: 30 m.p.h.

E. Approximate total length of project: 0.170 mile(s)

F. Justification for proposed improvements: Existing bridge is posted.

G. Total Relocatees: 0 Residences: 0 Businesses: 0

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

Agency/Official	Person Contacted	Date