



## INTEROFFICE MEMORANDUM

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September 8, 2022

**TO:** Master Files

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

**SUBJECT:** Job A00031  
FAP NHPP-0047(91)  
Hwy. 181 Deck Replacement (S)  
Route 181, Section 0  
Mississippi 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 rehabilitate the deteriorating bridge deck on Structure 03180 along Highway 181. Work will include a full deck replacement and 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. The 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 official species lists obtained through the US Fish and Wildlife Service's Information for Planning and Consultation identified the following species as potentially occurring within the project area: Eastern Black Rail (*Laterallus jamaicensis ssp. jamaicensis*), Piping Plover (*Charadrius melodus*), Red Knot (*Calidris canutus rufa*), monarch butterfly (*Danaus plexippus*), and pondberry

(*Lindera melissifolia*). This project will have “no effect” on the aforementioned species due to the limited scope of the action, lack of suitable habitat, and distance to known species locations.

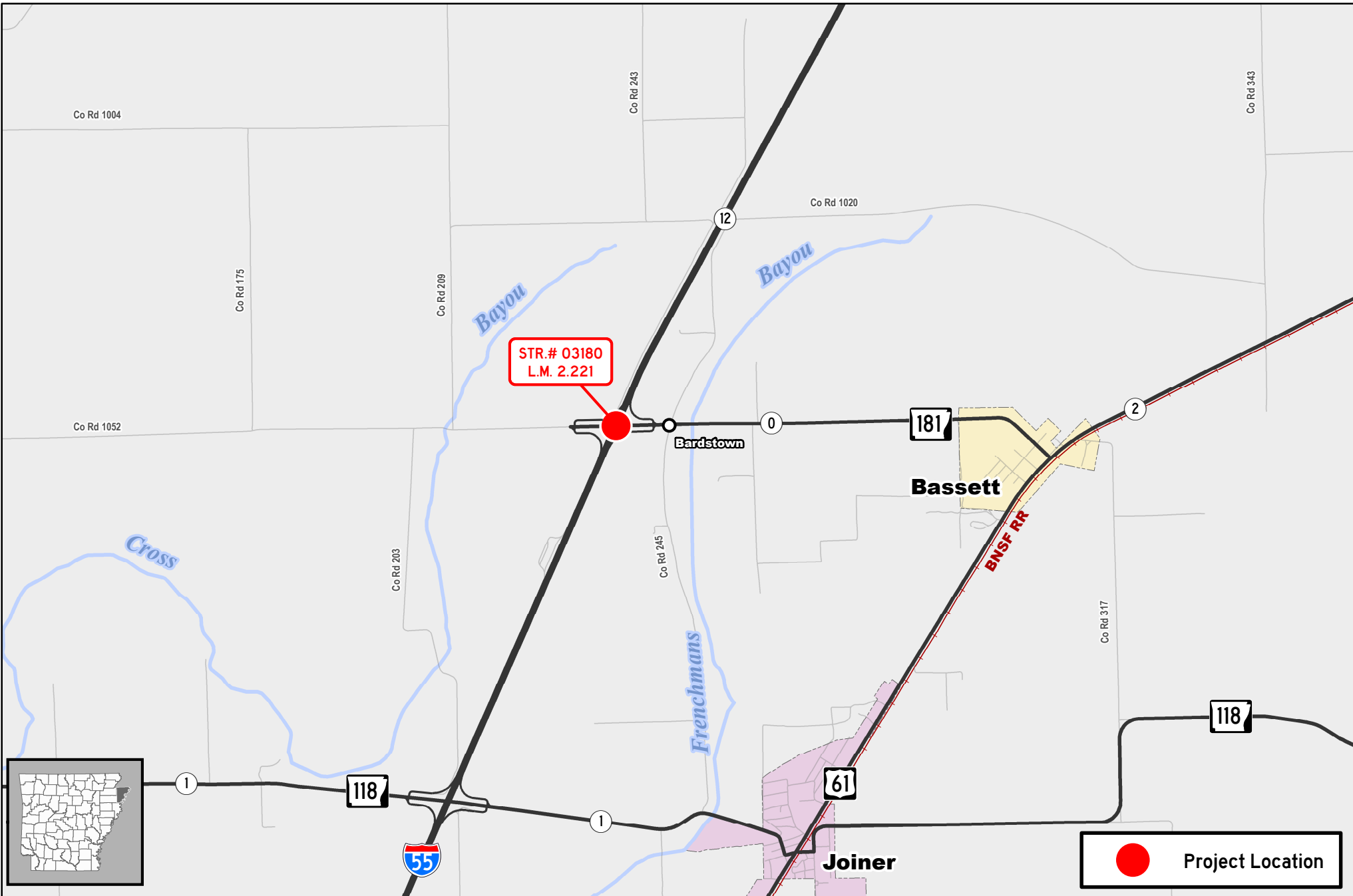
This project will not have a discharge of fill material into waters of the United States; therefore, a Section 404 permit will not be required.

JF:JG:sw

Attachments:

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

c: Program Management  
Right of Way  
Roadway Design  
District 10  
FHWA



# Job A00031

## Hwy. 181 Deck Replacement (S)

Hwy. 181, Sec. 0  
Mississippi County

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# INTEROFFICE MEMORANDUM

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**August 16, 2022**

**TO:** Environmental Job File

**FROM:** Shelby Linck, Cultural Resources Section

*SL*

**SUBJECT:** Cultural Resources Clearance  
Job A00031  
Hwy. 181 Deck Replacement  
Route 181, Section 0  
Mississippi County

The Arkansas Department of Transportation (ARDOT) proposes to replace the bridge deck of ARDOT Bridge Number 03180, approximately 2.14 miles west of Bassett on Highway 181 in Mississippi County. All work will occur within the existing right-of-way (ROW) and will be confined to the bridge.

An examination of the Arkansas Archeological Survey's (ARAS) records was conducted for previously recorded archeological sites located on or adjacent to the proposed project area. According to ARAS records, no sites were previously recorded adjacent or within the proposed project area. Based on records check at the Arkansas Historic Preservation Program (AHPP) and Architectural Resources Survey (ARS) database for NRHP properties, no historic properties were recorded adjacent or within the proposed project area. An ARS that included Bridge 03180 was submitted to the AHPP as not eligible for inclusion in the NRHP and received concurrence May 9, 2022 (AHPP Tracking Number 109776).

In addition to checking ARAS and AHPP records, nineteenth through twentieth century maps were examined. The 1845 GLO plat maps of Township 11 North, Range 9 East shows Frenchman's Bayou and an unnamed trail/road nearby the project area and fields and houses to the south and north of the project area. The 1939 (1954 edition) Evadale, AR 15' topographical quadrangle map shows Highway 181's original alignment before crossing over Interstate 55. Two structures and Ashburn cemetery are located to the east of the project

area. The 1983 (1984 edition) Joiner, AR 7.5' topographical quadrangle maps shows the current alignment of Highway 181, Interstate 55, and Bridge 03180. Of these structures, only Bridge 03180 will be affected by the proposed actions. No evidence of any Trail of Tears or historical trail route is found within the project area.

The existing topography, aerial imagery, previous infrastructure, and construction practices were examined to assess previous ground disturbance. This type of undertaking has no potential to cause effects to historic properties. All work will be on the bridge structure confined to the existing ROW. This project is subject to the 2021 Programmatic Agreement and falls under Activity 16 in Appendix C. The project requires no Section 106 review.

