



INTEROFFICE MEMORANDUM

September 23, 2020

TO: Master Files

FROM:  John Fleming, Division Head, Environmental Division 

SUBJECT: Job Number 070563
FAP Number STPF-0010(34)
Hwy. 53 Strs. & Apprs. (Clark Co.) (S)
Route 53, Section 0
Clark 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 the project is to replace one box culvert and one pipe culvert along Highway 53 in Clark County. These drainage structures are within the limits of another project currently under construction (Job 070265). An additional 0.1 acre of new right of way will be required for construction of these culverts. No temporary construction easements will be needed. A project location map is attached.

The project will not involve relocations, prime farmlands, wellhead protection areas or public water supplies, underground storage tanks, hazardous materials, or environmental justice issues. 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 was originally approved under Job 070265. A cultural resources memo is attached.

Total impacts to waters of the United States for the construction of the project are estimated at less than 0.1 acre. 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 will not be required.

The official species list obtained from the US Fish and Wildlife Service's Information for Planning and Consultation identified the northern long-eared bat (*Myotis septentrionalis*), Eastern Black Rail (*Laterallus jamaicensis ssp. jamaicensis*), Piping Plover (*Charadrius melodus*), Red Knot (*Calidris canutus rufa*), Red-cockaded Woodpecker (*Picolides borealis*) and American burying beetle (*Nicrophorus americanus*) as threatened and endangered species potentially occurring within the project area. Due to the lack of habitat and distance to known species occurrences, it has been determined that the proposed project will have "no effect" on the aforementioned federally listed species.

Clark County participates in the National Flood Insurance Program. The project lies within a Zone A, Special Flood Hazard Area. 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.

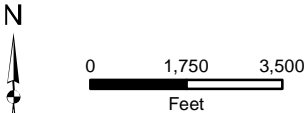
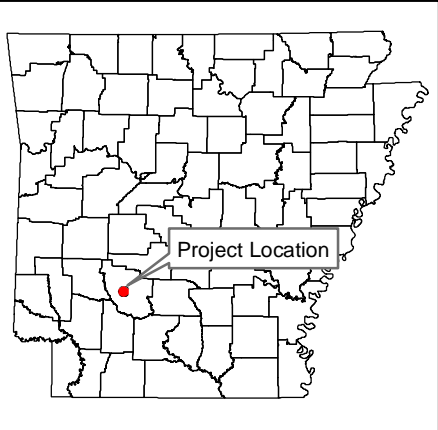
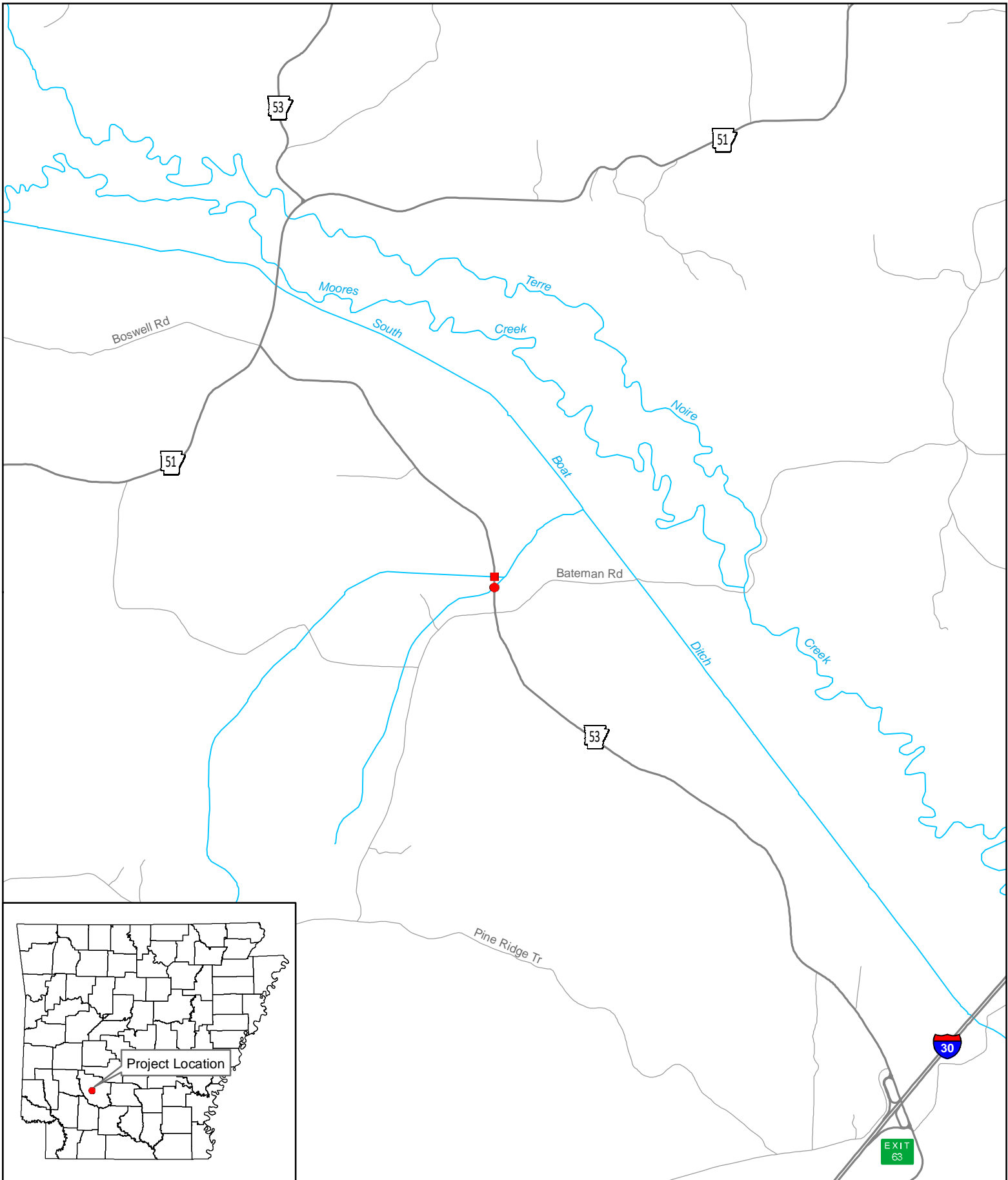
Based on the ARDOT noise policy, a noise analysis is not required for this project. The box culvert and pipe culvert replacements will not involve adding capacity, substantially changing the roadway alignment, or exposing noise sensitive land uses to traffic noise sources. In compliance with federal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

JF:TT:am

Attachments:

- Location Map
- SHPO Clearance
- Environmental Study Checklist

c: Program Management
Right of Way
Roadway Design
District 7
FHWA



ARDOT - Environmental GIS - Strawn
August 31, 2020

Job 070563
Hwy. 53 Strs. & Apprs.
Clark County

Project Location	
●	Pipe Culvert
■	Box Culvert



INTEROFFICE MEMORANDUM

September 16, 2020

TO: Assessments

FROM: M. Hughes, Cultural Resources *mh*

SUBJECT: Cultural Resources Clearance
Job Number 070563
Hwy. 53 Strs. & Apprs. (Clark Co.) (S)
Route 53, Section 0
Clark County

The scope of this project was originally included under Job 070265 and was included in the cultural resources survey that was conducted for that project. Job 070265 was cleared by the State Historic Preservation Office (SHPO) on March 1, 2018. The proposed ROW for this project has not changed since the SHPO clearance in 2018 and all areas of potential impacts have been surveyed. No further archeological work is needed.

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

ARDOT Job Number 070563 FAP Number STPF-0010(34)

Job Title Hwy. 53 Strs. & Apprs. (Clark Co.) (S)

Environmental Resource	None	Minimal	Major	Comments-required for each item
Air Quality	X			No impacts anticipated
Cultural Resources	X			CR clearance memo attached
Economic	X			No impacts anticipated
Endangered Species	X			"No effect" determination
Environmental Justice/Title VI	X			No impacts anticipated
Fish and Wildlife		X		Temporary during construction
Floodplains		X		Zone A
Forest Service Property	X			None in the project area
Hazardous Materials/Landfills	X			No sites in the project area
Land Use	X			Will not be impacted by the project
Migratory Birds	X			Migratory Bird SP included
Navigation/Coast Guard	X			None in the project area
Noise Levels	X			No increases due to the project
Prime Farmland	X			None impacted by the project
Protected Waters	X			None in the project area
Public Recreation Lands	X			None in the project area
Public Water Supply/WHPA	X			None in the project area
Relocatees	X			No relocations
Section 4(f)/6(f)	X			4(f)/6(f) resources not present
Social	X			No impacts anticipated
Underground Storage Tanks	X			No UST's in the project area
Visual	X			No changes to the visual environment
Streams		X		Nationwide Permit required
Water Quality		X		Temporary decline during construction
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? Yes

Section 404 Permit Required? Yes Type Nationwide 14

Remarks: _____

Signature of Evaluator  Date September 21, 2020

ROADWAY DESIGN REQUEST

Job Number 070563 FAP No. _____ County Clark

Job Name Hwy. 53 Strs. & Apprs. (Clark Co.) (S)

Design Engineer Stephen Sichmeller Environmental Staff _____

Brief Project Description Replace 2 R.C. Box Culverts

A. Existing Conditions:

Roadway Width: 20' Shoulder Type/Width: None

Number of Lanes and Width: 2 – 10' Existing Right-of-Way: 110'

Sidewalks? No Location: _____ Width: _____

Bike Lanes? No Location: _____ Width: _____

B. Proposed Conditions:

Roadway Width: 30' Shoulder Type/Width: 4' Paved

Number of Lanes and Width: 2 – 11' Proposed Right-of-Way: 115'

Sidewalks? No Location: _____ Width: _____

Bike Lanes? No Location: _____ Width: _____

C. Construction Information:

If detour: Where: _____ Length: _____

D. Design Traffic Data:

2021 ADT: 550 2041 ADT: 700 % Trucks: 13
Average Running Speed: 50 m.p.h.

E. Approximate total length of project: 0.189 mile(s)

F. Justification for proposed improvements: R.C. Box Culvert replacement required.

G. Total Relocates: 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