



INTEROFFICE MEMORANDUM

June 14, 2019

TO: Master Files

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

SUBJECT: Job Number C43005
Cabot Elm St. Extension (S)
Lonoke County
Environmental Documentation for State Funded Projects

The City of Cabot is proposing to extend West Elm Street to connect to South 8th Street, South 6th Street, and South 4th Street. The project is 0.25 mile; an attached map illustrates the project location.

Proposed improvements include two 10' wide paved travel lanes with curb and gutter shoulders, 2' grass berms, and 4' sidewalks. Approximately 1.82 acres of new right of way and 0.61 acre of temporary construction easements will be required for this project. The average right of way width will be 65'.

After appropriate environmental review it has been determined that the subject job will not impact any relocations, wellhead protection areas, cultural resources, or prime farmland. SHPO clearance is attached. Field inspections found no evidence of existing underground storage tanks or hazardous waste deposits.

Construction of this project will be on new location and will install a concrete pipe culvert and a double concrete box culvert in two unnamed tributaries. Impacts are estimated to be less than 0.1 acre per crossing. Construction of this project should be covered under the terms of Nationwide Permit 14 for Linear Transportation Projects as defined in the Federal Register 82 (4): 1860 – 2008.

The official species list obtained through the US Fish and Wildlife Service's (USFWS) Information for Planning and Consultation website lists Eastern Black Rail (*Laterallus jamaicensis*), Piping Plover (*Charadrius melodus*), Red Knot

Environmental Documentation

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(*Calidris canutus rufa*), Rabbitsfoot (*Theliderma cylindrica*) and Scaleshell Mussel (*Leptodea leptodon*) as species potentially affected by the proposed project. Based on the lack of habitat, distance to known species, and proximity to urban/residential development, it is our determination that the proposed project will have “no effect” on all listed species.

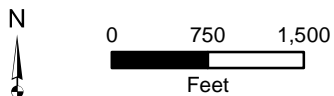
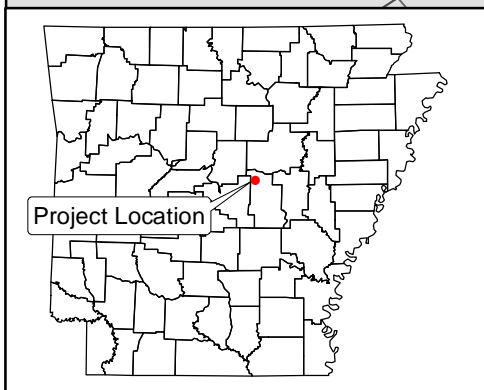
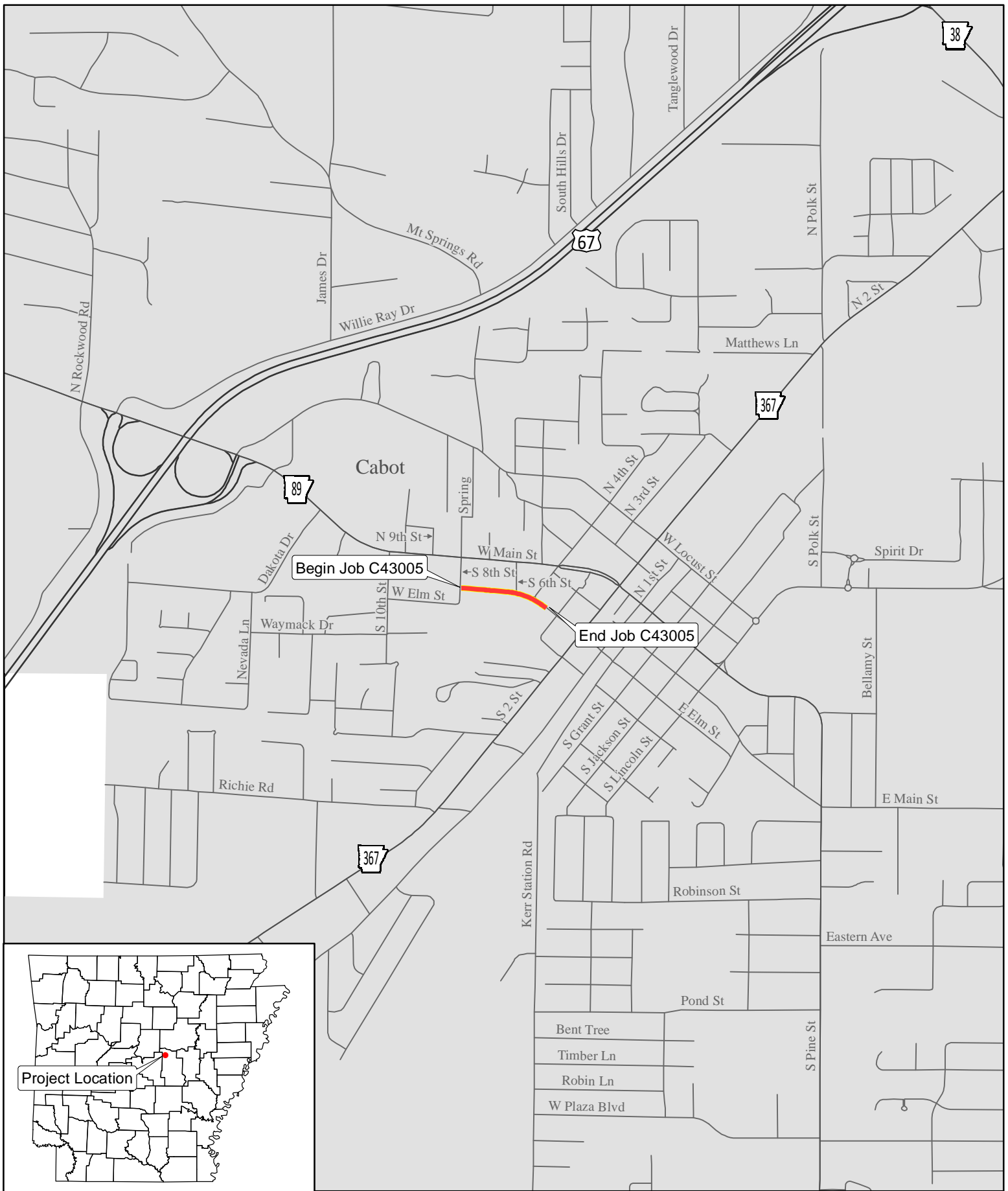
Noise predictions were made for this project using the FHWA Traffic Noise Model Version 2.5. The predicted noise levels are below applicable FHWA noise impact criteria; therefore, no project related noise impacts are anticipated.

JF:TT:am

Attachments:

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

c: Program Management
Right of Way
State Aid
District 6



Job C43005
Cabot Elm St. Extension
Lonoke County

Project Location



THE DEPARTMENT OF ARKANSAS
HERITAGE

Asa Hutchinson
Governor

Stacy Hurst
Director

May 21, 2019

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

RE: Lonoke County — Cabot
Section 106 Review — FHWA
Response Letter: Elm St. Extension (S)
Route 64, Section 2
ARDOT Job Number: C43005
AHPP Tracking Number: 103844

Arkansas Arts Council

Arkansas Historic
Preservation Program

Arkansas Natural
Heritage Commission

Arkansas State Archives

Delta Cultural Center

Historic Arkansas Museum

Mosaic Templars
Cultural Center

Old State House Museum

Dear Mr. Fleming:

The staff of the Arkansas Historic Preservation Program (AHPP) reviewed the Project Identification Form for the above-referenced job. The proposed undertaking entails constructing a two-lane extension from West Elm St. to South 8th St. in Cabot, Lonoke County, Arkansas. Portions of existing city streets will require upgrading. The survey corridor for the field investigation was approximately 25 meters wide and more than 300 meters in length. The ARDOT archeologist excavated six shovel tests that proved negative for cultural materials. Low, wet areas, paved surfaces, and a large area of gravel/dirt fill limited the excavation. There are no known historic properties within or proximal to the survey corridor.

Based on the provided information, the AHPP concurs with the finding of **no historic properties affected pursuant to 36 CFR § 800.4(d)(1)**.

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 (Mr. Daniel Ragle), 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 of Oklahoma (Ms. Tonya Tipton). We recommend consultation in accordance with 36 CFR § 800.2(c)(2).

Thank you for the opportunity to review this undertaking. 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



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


ARDOT Job Number C43005 FAP Number N/A

Job Title Cabot Elm St. Extension (S)

Environmental Resource	None	Minimal	Major	Comments-required for each item
Air Quality	X			No impacts anticipated
Cultural Resources	X			None in project area
Economic	X			Will not be impacted by project
Endangered Species	X			No Effect
Environmental Justice/Title VI	X			No protected populations in project area
Fish and Wildlife		X		Temporary during construction
Floodplains	X			None occur in project area
Forest Service Property	X			No property 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 structures with nests
Navigation/Coast Guard	X			No navigable waterways involved
Noise Levels	X			No noise impacts are anticipated
Prime Farmland	X			Within city limits of Cabot
Protected Waters	X			None occur in project area
Public Recreation Lands	X			No recreational lands in project area
Public Water Supply/WHPA	X			None in project area
Relocates	X			No relocates
Section 4(f)/6(f)	X			4(f) resources not present
Social	X			No impacts
Underground Storage Tanks	X			No UST's in area
Visual	X			No visual impacts
Streams		X		Temporary during construction
Water Quality		X		Temporary during construction
Wetlands		X		Less than 0.1 acre of impacts
Wildlife Refuges	X			None in the area

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

Remarks:

Signature of Evaluator  Date April 29, 2019

Date Submitted _____

Date Returned _____

STATE AID DESIGN REQUEST

Job Number C43005 FAP Number N/A County Lonoke

Job Name Cabot Elm St. Extension (S)

Design Engineer: Eleanor Goins Environmental Staff: Terry Tucker

Brief Project Description: Construction of 0.21 miles of new City Street connecting Elm St. from South 4th Street to South 8th Street. The construction will include Paved Road, Curb & Gutter, Inlets, Pipes, and a Box Culvert. The Elm Street Extension will also include construction of the intersection with South 4th Street, South 6th Street, and South 8th Street.

A. Existing Conditions:

- 1. Roadway Width: Metric _____ English natural ground
- 2. Shoulder Width: Metric _____ English N/A
- 3. Number of Lanes and Width: Metric _____ English N/A
- 4. Existing Right-of-Way: Metric _____ English N/A

B. Proposed Improvements:

- 1. Roadway Width: Metric _____ English 20 ft. - Paved
- 2. Shoulder Width: Metric _____ English 1.5 ft. – Curb & Gutter
- 3. Number of Lanes and Width: Metric _____ English 2 lanes – 10 ft. each
- 4. Average Right-of-Way: Metric _____ English 65 ft.

If bridge(s) will be replaced by culverts give dimensions: N/A

C. Construction Information:

If detour: Where: The road will be closed during construction.

Length: English N/A

D. Design Data:

2018 ADT: 2000 2038 ADT: 2500 Trucks: 2%

Design Speed: 30 m.p.h

E. Approximate total length of project: _____ kilometer(s) 0.21 mile(s)

F. Justification for proposed improvements: Connects Elm Street to South 8th Street and relieves some of the heavy traffic off of Main Street through Cabot.

G. Total Relocates: 0 Residences: 0 Businesses: 0

H. Have you coordinated with any of the following: (Provide name and date.)

City Officials Adam Whitlow (Consulting Engineer City) April 2, 2019

State Agency _____

Federal Agency _____

PA:eg