



INTEROFFICE MEMORANDUM

October 17, 2019

TO: Master Files

FROM: John Fleming, Division Head, Environmental Division 

SUBJECT: Job Number 110704
FAP Number NHPP-0048(36)
Hwy. 17 Str. & Apprs. (S)
Route 17, Section 2
Bridge Number 02509
Monroe County
Tier 2 Categorical Exclusion

The Environmental Division reviewed the referenced project and has determined it falls within the definition of a Tier 2 Categorical Exclusion under 23 Code of Federal Regulations, Section 771.117, and the ARDOT/FHWA Memorandum of Agreement on the processing of Categorical Exclusions. A public hearing will not be offered for this project.

The purpose of this project is to replace a bridge on Highway 17 over an unnamed ditch in Monroe County. Total length of the project is 0.02 mile. The attached figure illustrates the project location.

The existing roadway consists of two 11' wide paved travel lanes with 3' wide paved shoulders. The existing bridge (02509) is a 24' x 30' structure. Existing right of way width is 135'.

Proposed improvements include a double 11' x 7' x 84' reinforced concrete box culvert with two 11' wide paved travel lanes and 4' wide paved shoulders. The average proposed right of way width will be 156'. Approximately 0.14 acre of additional right of way will be required for this project.

Design data for this project is as follows:

Design Year	Average Daily Traffic	Percent Trucks	Design Speed
2020	900	19	60 mph
2040	970	19	60 mph

There are no relocations, prime farmland, environmental justice issues, floodplains or endangered species associated with this project. No impacts to cultural resources are anticipated; concurrence from the State Historic Preservation Officer is attached. Field inspections found no evidence of existing underground storage tanks or hazardous waste deposits. 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.

Based on ARDOT's noise policy, a noise analysis is not required for this project. The project does not involve added capacity, construction of new through lanes or auxiliary lanes, substantial changes in the horizontal or vertical alignment of the roadway, or exposure of noise sensitive land uses to a new or existing highway noise source.

The official species list obtained from the US Fish and Wildlife Service's (USFWS) Information for Planning and Consultation identified the following endangered and threatened species as potentially occurring within the project area: Ivory-billed Woodpecker (*Campephilus principalis*), Red-cockaded Woodpecker (*Picoides borealis*), Rabbitsfoot (*Theliderma cylindrica*), and pondberry (*Lindera melissifolia*). It has been determined that the project will have 'no effect' on the aforementioned species due to lack of habitat and distance to known occurrence records.

The bridge will be replaced with a box culvert on existing location, and a detour route on other existing highways will be utilized for maintenance of traffic during construction. Construction of the new bridge will impact less than 0.1 acre of other waters of the United States. Permanent stream impacts are estimated at 68 feet. Construction of the proposed project should be allowed under the terms of a Section 404 Nationwide Permit 14 for Linear Transportation Projects. No pre-construction notification will be required.

Attachments:
Project Location Map
SHPO Clearance
Environmental Study Checklist
Design Sheet

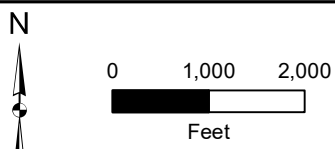
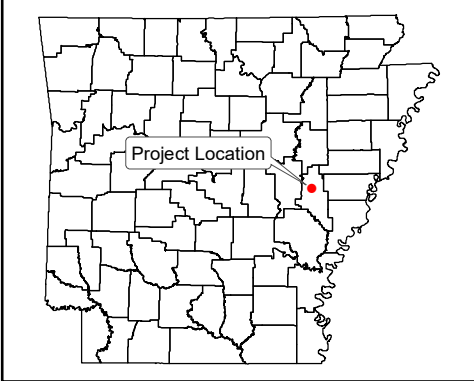
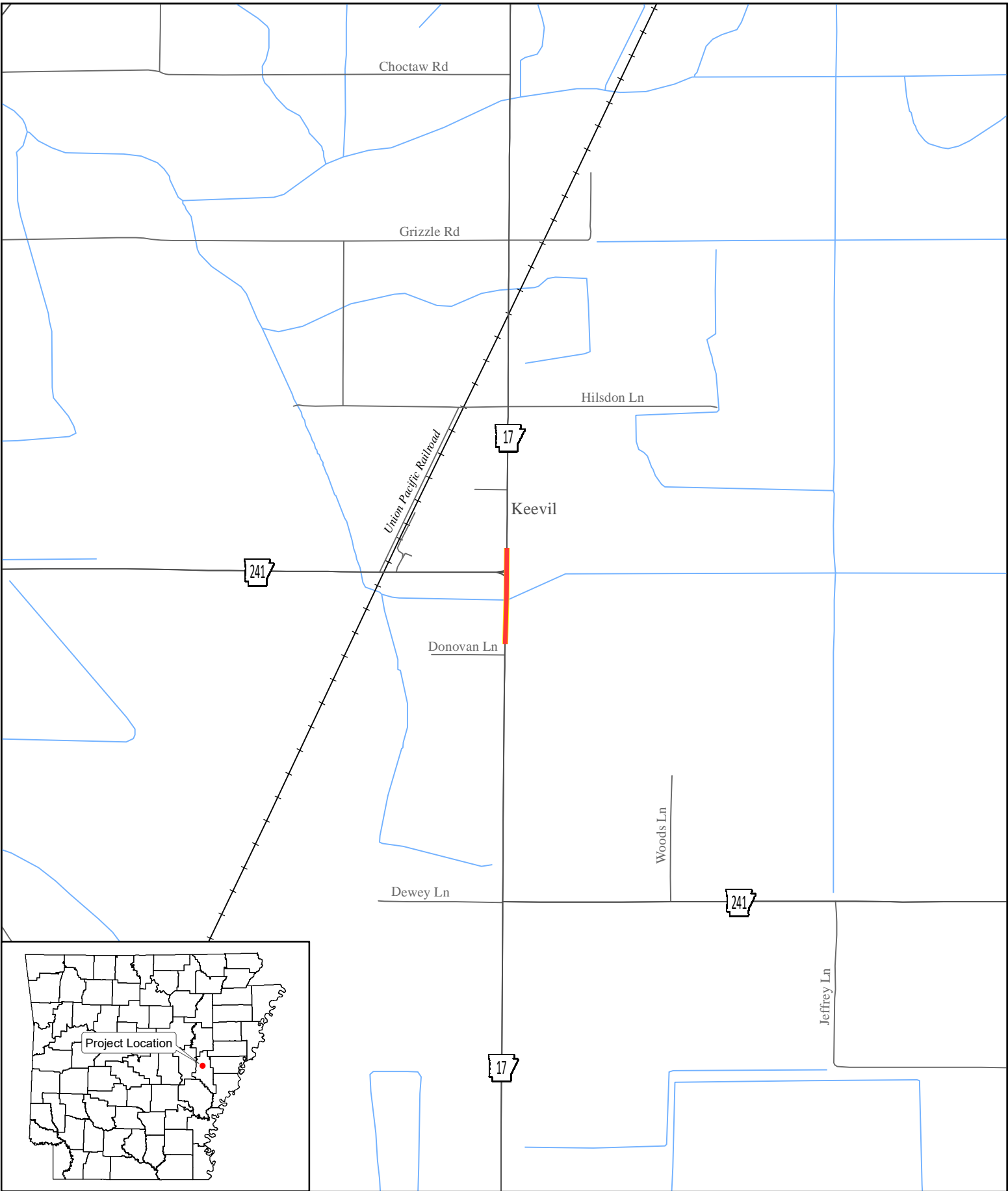
Approved:




Kevin Thornton
Assistant Chief Engineer-Planning

JF:JB:am

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



Job 110704
Hwy. 17 Str. & Apprs.
Monroe County

 Project Location



ARKANSAS DEPARTMENT OF TRANSPORTATION

AR DOT.gov | IDriveArkansas.com | Scott E. Bennett, P.E., Director

10324 Interstate 30 | P.O. Box 2261 | Little Rock, AR 72203-2261

Phone: 501.569.2000 | Voice/TTY 711 | Fax: 501.569.2400

103105.41
FHWA

September 20, 2019

Ms. Stacy Hurst
Arkansas Historic Preservation Program
1100 North Street
Little Rock, Arkansas 72201

AHPP

SEP 20 2019

RE: Job Number 110704
Hwy. 17 Str. & Apprs. (S)
Route 17, Section 2
Monroe County

Dear Ms. Hurst,

Enclosed for your review is a Project Identification Form (PIF) for the above referenced project. Please provide your effect finding as soon as possible. If you have any questions or require additional information, please contact Shelby Linck of my staff at (501) 569-2283.

Date 9-24-19
No known historic properties will be affected by this undertaking. This effect determination could change should new information come to light.
Shelby Linck
Arkansas State Historic Preservation Officer

Sincerely,

John Fleming
for John Fleming
Division Head
Environmental Division

JF:KB:SL:cb

Enclosure
PIF

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

ARDOT Job Number 110704 FAP Number NHPP-0048(36)

Job Title Hwy. 17 Str. & Apprs. (S)

Environmental Resource	None	Minimal	Major	Comments-required for each item
Air Quality	X			No impacts
Cultural Resources	X			No Impacts anticipated
Economic	X			No impacts
Endangered Species	X			No effect determination
Environmental Justice/Title VI	X			No protected populations
Fish and Wildlife		X		Temporary during construction
Floodplains	X			No impacts
Forest Service Property	X			None in the project area
Hazardous Materials/Landfills	X			None in the project area
Land Use	X			No impacts
Migratory Birds		X		Temporary during construction
Navigation/Coast Guard	X			None in the project area
Noise Levels	X			No increase due to project
Prime Farmland	X			No impacts
Protected Waters	X			None in the project area
Public Recreation Lands	X			None in project area
Public Water Supply/WHPA	X			None in the project area
Relocatees	X			No relocations
Section 4(f)/6(f)	X			4f/6f resources not present
Social	X			No impacts to social environment
Underground Storage Tanks	X			No UST's present
Visual	X			No change in visual environment
Streams		X		Nationwide Permit required
Water Quality		X		Temporary 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:
No PCN

Signature of Evaluator John Baber Date 10/4/19

ROADWAY DESIGN REQUEST

Job Number 110704 FAP No. NHPP-0048(36) County Monroe

Job Name Hwy. 17 Str. & Apprs. (S)

Design Engineer Taylor Clark Environmental Staff _____

Brief Project Description Bridge Replacement

A. Existing Conditions:

Roadway Width: 28' Shoulder Type/Width: 3'/Paved

Number of Lanes and Width: 2 @ 11' Existing Right-of-Way: 135'

Sidewalks? N/A Location: _____ Width: _____

Bike Lanes? N/A Location: _____ Width: _____

B. Proposed Conditions:

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

Number of Lanes and Width: 2 @ 11' Proposed Right-of-Way: 156'

Sidewalks? N/A Location: _____ Width: _____

Bike Lanes? N/A Location: _____ Width: _____

C. Construction Information:

If detour: Where: N/A Length: N/A

D. Design Traffic Data:

2020 ADT: 900 2040 ADT: 970 % Trucks: 19
Design Speed: 60 m.p.h.

E. Approximate total length of project: 0.019 mile(s)

F. Justification for proposed improvements: Existing Structure is Obsolete

G. Total Relocates: N/A Residences: N/A Businesses: N/A

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

Agency/Official	Person Contacted	Date