



INTEROFFICE MEMORANDUM

January 23, 2018

TO: Master Files

FROM: *JF* John Fleming, Division Head, Environmental Division *B Prince*

SUBJECT: Job Number 020614
FAP Number NHPP-0040(34)
Mills Bayou Str. & Apprs. (S)
Bridge Number M1006
Lincoln County
Tier 2 Categorical Exclusion

The Environmental Division has reviewed the referenced project and 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 weight restricted bridge on Highway 54 in Lincoln County. Total length of the project is 0.019 mile. The attached figure illustrates the project location.

Existing Highway 54 consists of two 10-foot wide travel lanes with no shoulders. The existing bridge (#M1006) has a 24' x 32' concrete deck with asphalt overlay on steel girders, with reinforced concrete abutments and wing walls. The bridge has a sufficiency rating of 61.4. There is no right of way of record.

Proposed improvements include a triple 11' x 5' x 72' reinforced concrete box culvert with two 10-foot wide paved travel lanes and 4-foot wide shoulders (2' paved). The proposed average right of way width will be 125 feet. Approximately 0.76 acre of right of way will be required for this project.

There are no relocations, endangered species, wetlands, floodplains, or environmental justice issues 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. Approximately 0.28 acre of Prime Farmland will be converted to highway right of way. Form NRCS-CPA-106 is attached.

Design data for this project is as follows:

Design Year	Average Daily Traffic	Percent Trucks	Design Speed
2018	900	4	55 mph
2038	1,100	4	55 mph

Based upon the ARDOT's *Policy on Highway Traffic Noise Abatement*, a noise analysis is not required for this project. This project does not involve added capacity, construction of new through lanes or auxiliary lanes, 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.

Impacts to Mills Bayou include the construction of a reinforced concrete box culvert, which replaces the existing bridge, and a temporary detour constructed adjacent to the south side of the existing structure. Construction of the proposed project should be allowed under terms of a Section 404 Nationwide Permit 14 for Linear Transportation Projects as defined in the Federal Register 82 (4): 1860-2208. Impacts to Mills Bayou will be less than 0.1 acre and will not require a preconstruction notification for coverage under this permit.

Attachments:

Project Location Map
SHPO Clearance
Form NRCS-CPA-106
Environmental Study Checklist
Design Sheet

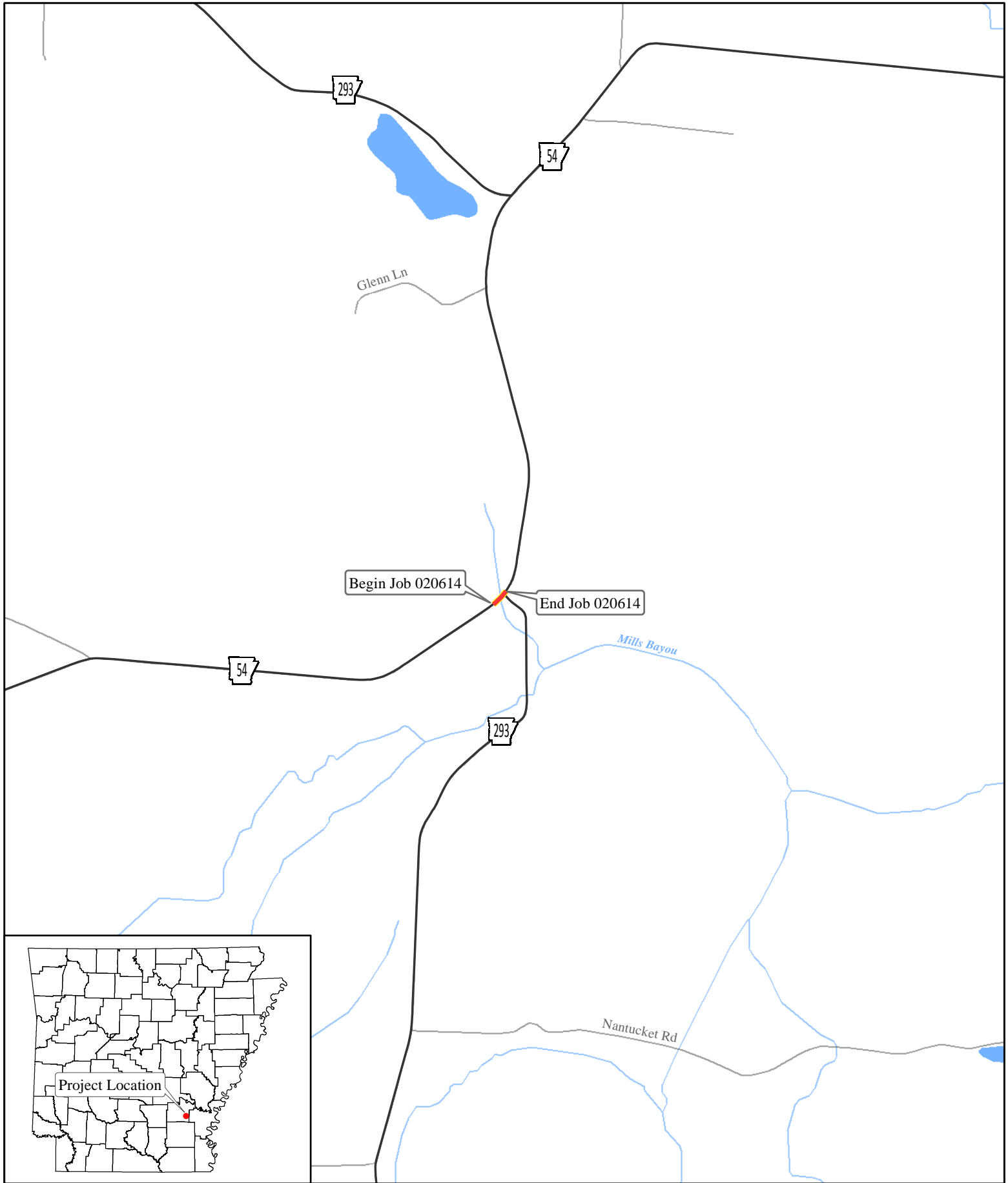
Approved:



Kevin Thornton
Assistant Chief Engineer-Planning

JF:JB:fc

c: Program Management
Right of Way
Roadway Design
District 2
FHWA



Begin Job 020614

End Job 020614

Project Location



Scale - 1:24,000

ARDOT - Environmental GIS - Hopkins
December 5, 2017

Job 020614
Mills Bayou Str. & Apprs.
(Hwy. 54)
Lincoln County

 Project Location



ARKANSAS DEPARTMENT OF TRANSPORTATION

ArDOT.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

99 of 98
FHWA

August 18, 2017

RECEIVED
AHTD

AUG 23 2017

AHPP
AUG 21 2017

ENVIRONMENTAL
DIVISION

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

RE: ARDOT Job No. 020614
Mills Bayou Str. & Apprs. (S)
Lincoln County

Dear Ms. Hurst:

A Project Identification Form for the referenced project is enclosed. Please review for concurrence with the findings of my staff. If you have any questions or require additional information, please contact Kristina Boykin at (501) 569-2079.

Sincerely,

John Fleming
Division Head
Environmental Division

Enclosure
PIF

JF:DW:KB:ym

AUG 21 2017

Date _____
No known historic properties will be affected by this undertaking. This effect determination could change should new information come to light.

Arkansas State Historic Preservation Officer

AUG 21 2017

**FARMLAND CONVERSION IMPACT RATING
FOR CORRIDOR TYPE PROJECTS**

PART I (To be completed by Federal Agency) Job 020614		3. Date of Land Evaluation Request 1/4/17	4. Sheet 1 of
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1. Name of Project Mills Bayou Str. & Apprs.	5. Federal Agency Involved FHWA
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2. Type of Project Bridge Replacement	6. County and State Lincoln AR,
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PART II (To be completed by NRCS)		1. Date Request Received by NRCS	2. Person Completing Form
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3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES NO		4. Acres Irrigated	Average Farm Size
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5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: %	7. Amount of Farmland As Defined in FPPA Acres: %
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8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS
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PART III (To be completed by Federal Agency)	Alternative Corridor For Segment			
	Corridor A	Corridor B	Corridor C	Corridor D

A. Total Acres To Be Converted Directly				
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B. Total Acres To Be Converted Indirectly, Or To Receive Services				
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C. Total Acres In Corridor				
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PART IV (To be completed by NRCS) Land Evaluation Information				
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A. Total Acres Prime And Unique Farmland				
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B. Total Acres Statewide And Local Important Farmland	0.28			
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C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted				
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D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value				
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PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)				
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PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))	Maximum Points			
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1. Area in Nonurban Use	15	15		
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2. Perimeter in Nonurban Use	10	10		
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3. Percent Of Corridor Being Farmed	20	5		
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4. Protection Provided By State And Local Government	20	0		
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5. Size of Present Farm Unit Compared To Average	10	0		
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6. Creation Of Nonfarmable Farmland	25	0		
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7. Availability Of Farm Support Services	5	5		
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8. On-Farm Investments	20	0		
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9. Effects Of Conversion On Farm Support Services	25	0		
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10. Compatibility With Existing Agricultural Use	10	0		
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TOTAL CORRIDOR ASSESSMENT POINTS	160	35		
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PART VII (To be completed by Federal Agency)				
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Relative Value Of Farmland (From Part V)	100	100		
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Total Corridor Assessment (From Part VI above or a local site assessment)	160	35		
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TOTAL POINTS (Total of above 2 lines)	260	135		
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1. Corridor Selected: New <input type="checkbox"/> existing <input type="checkbox"/>	2. Total Acres of Farmlands to be Converted by Project: .028 acres of Farmland of Statewide Importance	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>
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5. Reason For Selection:

Signature of Person Completing this Part:	DATE
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[Handwritten Signature] *1/22/18*

NOTE: Complete a form for each segment with more than one Alternate Corridor

AHTD ENVIRONMENTAL IMPACTS ASSESSMENT FORM

AHTD Job Number 020614 FAP Number NHPP-0040(34)
 Job Title Mills Bayou Str. & Apprs. (S)

Environmental Impacts	None	Minor	Significant	Comments
Air Quality	X			
Construction Impacts		X		Temporary during constrution
Cultural Resources	X			
Economic	X			
Endangered Species	X			
Energy Resources	X			
Environmental Justice/Title VI	X			
Fish and Wildlife	X			
Floodplains	X			
Forest Service Property	X			
Hazardous Materials/Landfills	X			
Land Use Impacts	X			
Migratory Birds	X			Bird SP required
Navigation/Coast Guard	X			
Noise Levels	X			
Prime Farmland		X		0.28 acres
Protected Waters	X			
Public Recreation Lands	X			
Public Water Supply/WHPA	X			
Relocatees	X			
Section 4(f)/6(f)	X			
Social	X			
Underground Storage Tanks	X			
Visual Impacts	X			
Stream Impacts	X			Temporary impacts during construction
Water Quality	X			Temporary impacts during construction
Wetlands	X			
Wildlife Refuges	X			

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 January 22, 2018

ROADWAY DESIGN REQUESTJob Number 020614 FAP No. NHPP-0040(34) County LincolnJob Name Mills Bayou Str. & Apprs. (S)Design Engineer Primary Design Environmental Staff _____Brief Project Description Replaced weight restricted bridge.

A. Existing Conditions:

Roadway Width: 20' Shoulder Type/Width: N/ANumber of Lanes and Width: 2-10' Existing Right-of-Way: N/ASidewalks? N/A Location: _____ Width: _____Bike Lanes? N/A Location: _____ Width: _____

B. Proposed Conditions:

Roadway Width: 20' Shoulder Type/Width: 4'(2' Paved)Number of Lanes and Width: 2-10' Proposed Right-of-Way: 125'Sidewalks? N/A Location: _____ Width: _____Bike Lanes? N/A Location: _____ Width: _____

C. Construction Information:

If detour: Where: 77' Downstream Length: 1400'

D. Design Traffic Data:

2018 ADT: 900 2038 ADT: 1100 % Trucks: 4Design Speed: 55 m.p.h.E. Approximate total length of project: 0.019 mile(s)F. Justification for proposed improvements: Replaced weight restricted bridge.G. Total Relocates: 0 Residences: _____ Businesses: _____H. Have you coordinated with any outside agencies (e.g., FHWA, City, County, etc.)? N/A

Agency/Official	Person Contacted	Date