



ARKANSAS DEPARTMENT OF TRANSPORTATION



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## INTEROFFICE MEMORANDUM

December 15, 2020

**TO:** Master Files

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

**SUBJECT:** Job Number 030529  
FAP Number NHPP-0029(32)  
Caruse Creek & Tributary of Marlbrook Creek Strs. & Apprs. (S)  
Route 195, Section 3  
Bridge Numbers M3171 & M3172  
Hempstead County  
Tier 1 Categorical Exclusion

The purpose of this project is to replace three drainage structures with box culverts on State Highway 195 in Hempstead County. Total length of the project is 0.06 mile. A project location map is attached.

The typical section of the highway would be improved from two 11'-wide paved lanes with 1'-wide paved shoulders to two 11'-wide paved lanes with 4'-wide (2' paved) shoulders. Detour routes and roadway closures will be utilized on Highway 195 for construction of these proposed structures. The right of way width would increase from 80' to 120'.

Design data for this project is as follows:

Design Year	Average Daily Traffic	Percent Trucks	Design Speed
2021	250	7	55 mph
2041	300		

The project will not involve relocations, wellhead protection areas/public water supplies, floodplain impacts, wetlands, underground storage tanks, hazardous materials, any environmental justice issues, or cultural resources. Approximately 1.8 acres of new right of way would be required for construction of the three box culverts and their approaches. Of this acreage, approximately 0.33 acre of farmland of statewide importance will be impacted. A NRCS-CPA-106 form is attached to address these impacts. The State Historic Preservation Officer's clearance is attached.

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 official species list obtained through US Fish and Wildlife Service's Information for Planning and Consultation website identifies the threatened Piping Plover (*Charadrius melodus*) in the project area. A "no effect" determination was made for Piping Plover due to lack of suitable habitat in the project area.

Permanent stream impacts are estimated to be 150'. Wetlands impacts are estimated to be 0.16 acre. Total impacts to waters of the US are estimated to be 0.29 acre. Construction of the proposed project should be allowed under the terms of a Nationwide 14 Section 404 Permit for Linear Transportation Projects as defined in the Federal Register 82(4):1860-2008.

Based on the ARDOT noise policy, a noise analysis is not required for this project. The bridge 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.

Hempstead County participates in the National Flood Insurance Program. The projects lie 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.

After appropriate environmental review, it has been determined that the subject job is a Tier 1 Categorical Exclusion as described by the ARDOT/FHWA

Job Number 030529  
Tier 1 Categorical Exclusion  
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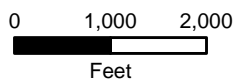
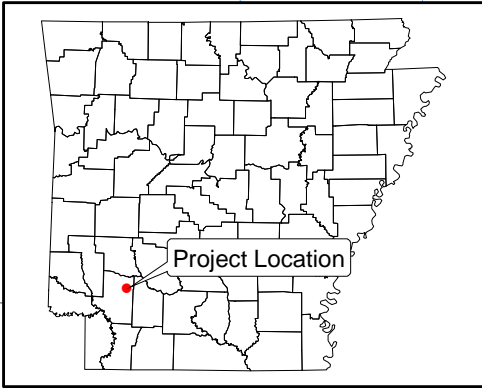
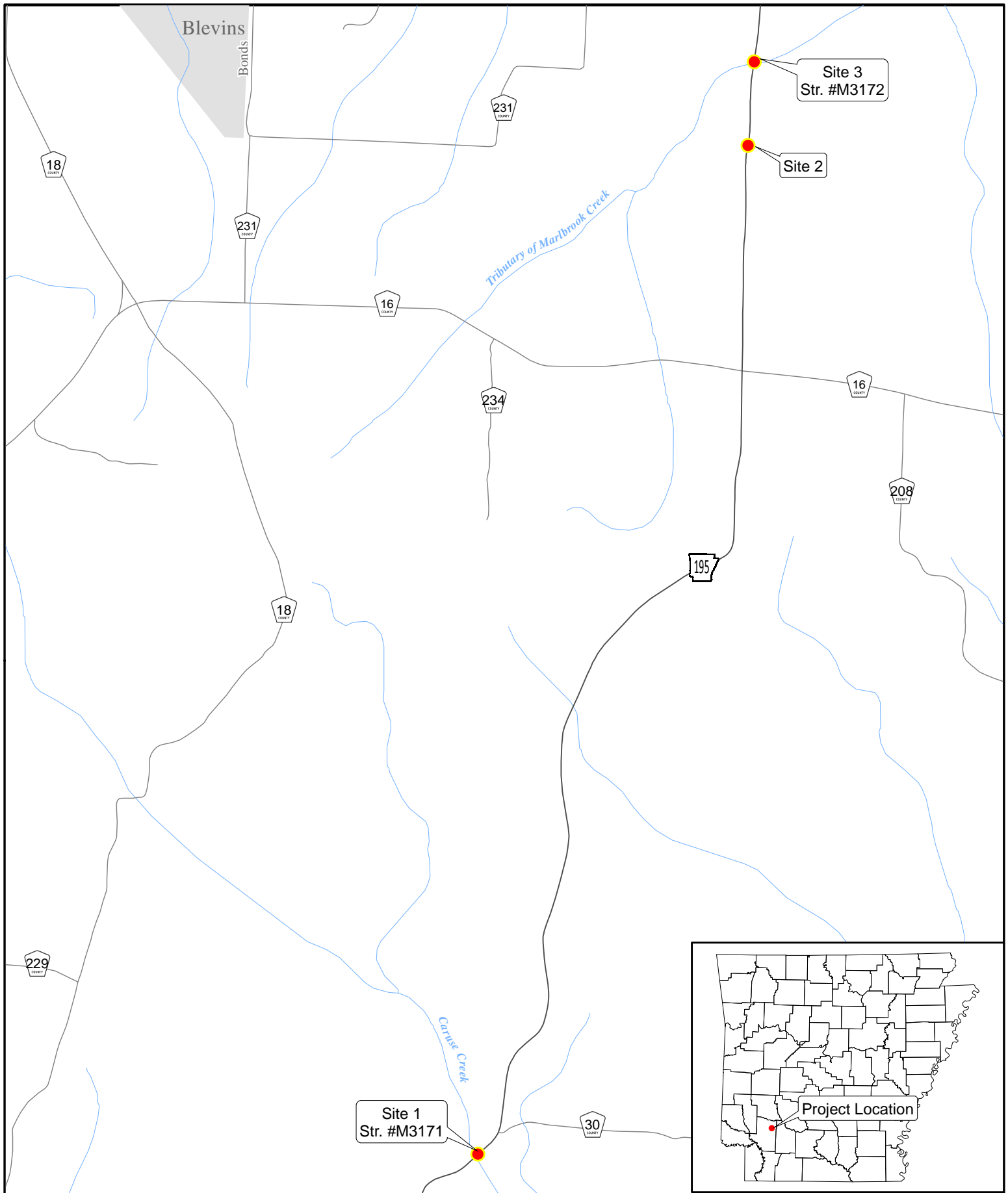
Programmatic Agreement on Categorical Exclusion Documentation and Processing. A public hearing will not be offered for this project.

JF:TT:am

Attachments:

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

c: Program Management  
Right of Way  
Roadway Design  
District 3  
FHWA



ARDOT - Environmental GIS - Hopkins  
February 19, 2020

Job 030529  
Caruse Creek & Tributary of Marlbrook Creek  
Strs. & Apprs. (Hwy. 195)  
Hempstead County

 Project Location



Asa Hutchinson  
Governor  
Stacy Hurst  
Secretary

December 12, 2020

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

Re: Hempstead County – General  
Section 106 Review – FHWA  
Caruse Creek & Tributary of Marlbrook Creek Strs. & Apprs. (S)  
Route 195, Section 3  
ARDOT Job Number 030529  
AHPP Tracking Number 103076.01

Dear Mr. Fleming:

The staff of the Arkansas Historic Preservation Program (AHPP) reviewed the Cultural Resource Survey for the above-referenced job in Hempstead County. As described, the proposed undertaking entails replacing Bridges M3171 and M3172 and a culvert with box culverts. In correspondence dated February 14, 2019, the AHPP concurred that Bridges M3171 and M3172 are not eligible for inclusion in the National Register. Previously documented Site 3HE0091 lies within the proposed right-of-way. Based on the results of the Arkansas Department of Transportation revisit, testing, and delineation, the AHPP concurs that Site 3HE0091 is not eligible for inclusion in the National Register.

The AHPP concurs with the finding of **no historic properties affected pursuant to 36 CFR § 800.4(d)(1)**. In the event of a post-review discovery of historic properties within the area of potential effects, please contact the AHPP and other consulting parties in accordance with 36 CFR § 800.13(b)(3).

Tribes that have expressed an interest in the area include the Caddo Nation, the Choctaw Nation of Oklahoma, the Osage Nation, the Quapaw Nation, and the Shawnee Tribe. We recommend consultation in accordance with 36 CFR § 800.2(c)(2).

Thank you for the opportunity to review this undertaking and. If you have any questions, please contact Eric Mills of my staff at (501) 324-9784 or [eric.mills@arkansas.gov](mailto:eric.mills@arkansas.gov).

Sincerely,

/s/ Eric Mills for

Scott Kaufman  
Director, AHPP

cc: Dr. George Sabo III, Arkansas Archeological Survey

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

<b>PART I (To be completed by Federal Agency)</b> Job 030529		3. Date of Land Evaluation Request	4. Sheet 1 of _____		
1. Name of Project		5. Federal Agency Involved			
2. Type of Project		6. County and State			
<b>PART II (To be completed by NRCS)</b>		1. Date Request Received by NRCS	2. Person Completing Form		
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 <input type="checkbox"/> NO <input type="checkbox"/>		4. Acres Irrigated   Average Farm Size			
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: _____ % _____	7. Amount of Farmland As Defined in FPPA Acres: _____ % _____			
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS			
<b>PART III (To be completed by Federal Agency)</b>		<b>Alternative Corridor For Segment _____</b>			
		Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly					
B. Total Acres To Be Converted Indirectly, Or To Receive Services					
C. Total Acres In Corridor					
<b>PART IV (To be completed by NRCS) Land Evaluation Information</b>					
A. Total Acres Prime And Unique Farmland					
B. Total Acres Statewide And Local Important Farmland					
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted					
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
<b>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)</b>					
<b>PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))</b>		Maximum Points			
1. Area in Nonurban Use	15				
2. Perimeter in Nonurban Use	10				
3. Percent Of Corridor Being Farmed	20				
4. Protection Provided By State And Local Government	20				
5. Size of Present Farm Unit Compared To Average	10				
6. Creation Of Nonfarmable Farmland	25				
7. Availability Of Farm Support Services	5				
8. On-Farm Investments	20				
9. Effects Of Conversion On Farm Support Services	25				
10. Compatibility With Existing Agricultural Use	10				
TOTAL CORRIDOR ASSESSMENT POINTS		160			
<b>PART VII (To be completed by Federal Agency)</b>					
Relative Value Of Farmland (From Part V)		100			
Total Corridor Assessment (From Part VI above or a local site assessment)		160			
<b>TOTAL POINTS (Total of above 2 lines)</b>		260			
1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used?  YES <input type="checkbox"/> NO <input type="checkbox"/>		
5. Reason For Selection:					

Signature of Person Completing this Part:

DATE

*Joshua Graham*

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

# ARDOT ENVIRONMENTAL VERIFICATION CHECKLIST FOR CONSIDERATION OF POTENTIAL IMPACTS

ARDOT Job Number 030529 FAP Number NHPP-0029(32)

Job Title Caruse Creek & Tributary of Marlbrook Creek Strs. & Apprs. (S)

Environmental Resource	None	Minimal	Major	Comments-required for each item
Air Quality	X			No air quality impacts
Cultural Resources	X			SHPO clearance attached
Economic	X			No economic impacts anticipated
Endangered Species	X			"No effect" determination
Environmental Justice/Title VI	X			No EJ populations impacted
Fish and Wildlife		X		Temporary impacts during construction
Floodplains		X		Zone A impacts for Sites 1 & 3
Forest Service Property	X			None in project area
Hazardous Materials/Landfills	X			No impacts anticipated
Land Use		X		1.8 acres needed for project
Migratory Birds		X		Migratory Bird SP included
Navigation/Coast Guard	X			No navigable waterways involved
Noise Levels	X			No increases due to the project
Prime Farmland		X		0.3 acres, NRCS-CPA-106 attached
Protected Waters	X			None in project area
Public Recreation Lands	X			None in project area
Public Water Supply/WHPA	X			WHP SP for offsite areas
Relocates	X			No relocates
Section 4(f)/6(f)	X			No 4(f)/6(f) impacts anticipated
Social	X			No social impacts
Underground Storage Tanks	X			No UST's will be impacted
Visual	X			No visual impacts
Streams		X		Nationwide 14 Section 404 Permit
Water Quality		X		Temporary during construction.
Wetlands		X		Nationwide 14 Section 404 Permit
Wildlife Refuges	X			None in project area

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

Remarks: \_\_\_\_\_

Signature of Evaluator  Date October 29, 2020

Date Sent: October 28, 2020

## ROADWAY DESIGN REQUEST

Job Number 030529 FAP No. \_\_\_\_\_ County Hampstead

Job Name Caruse Creek & Tributary of Marlbrook Creek Strs. & Apprs. (S)

Design Engineer Stephen Sichmeller Environmental Staff \_\_\_\_\_

Detailed Project Description Replace 2 bridge length structures and 1 non-bridge length structure on Highway 195 in Hempstead County with R.C. Box Culverts. Roadway closures will be utilized on Highway 195 with designated detour routes to construction the proposed structures.

A. Existing Conditions:

Roadway Width: 22' Shoulder Type/Width: 1' Paved

Number of Lanes and Width: 2 – 11' Existing Right-of-Way: 80'

Sidewalks? No Location: \_\_\_\_\_ Width: \_\_\_\_\_

Bike Lanes? No Location: \_\_\_\_\_ Width: \_\_\_\_\_

B. Proposed Conditions:

Roadway Width: 22' Shoulder Type/Width: 4' (2' Paved)

Number of Lanes and Width: 2 – 11' Proposed Right-of-Way: 120'

Sidewalks? No Location: \_\_\_\_\_ Width: \_\_\_\_\_

Bike Lanes? No Location: \_\_\_\_\_ Width: \_\_\_\_\_

C. Construction Information:

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

D. Design Traffic Data:

2021 ADT: 250 2041 ADT: 300 % Trucks: 7

Design Speed: 55 m.p.h.

E. Approximate total length of project: 0.057 mile(s)

F. Justification for proposed improvements: Existing structures to be replaced

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