





INTEROFFICE MEMORANDUM

August 15, 2019

TO: Master Files

FROM:  John Fleming, Division Head, Environmental Division 

SUBJECT: Job Number 080623
FAP Number STPAC-ER-0075(43)
Hwy. 155 Flood Repair (Yell Co.) (S)
Route 155, Section 2
Yell 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 Memorandum of Agreement on Categorical Exclusion Documentation and Processing. A public hearing will not be offered for this project.

The purpose of this project is to repair damage on Highway 155 from a levee breach that occurred during a 2019 flood event in Yell County. Total length of the project is 1.55 miles. The attached figure illustrates the project location.

The existing roadway consists of two 10' wide paved travel lanes with 4' wide shoulders. Existing right of way width is 80'.

Proposed improvements include filling the two washout areas with compacted embankment, replacing four cross drains, replacing five driveway culverts, adding a floodgate to one of the culverts and overlaying the roadway and shoulders. All work will be within the existing right of way or in temporary construction easements.

The project will not involve relocations, endangered species, prime farmlands, wetlands, underground storage tanks, hazardous materials, any environmental justice issues, or cultural resources. A cultural resources 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 the US Fish and Wildlife Service's (USFWS) Information for Planning and Consultation (IPaC) website lists gray bat (*Myotis grisescens*), northern long-eared bat (*Myotis septentrionalis*), Indiana bat (*Myotis sodalis*), Piping Plover (*Charadrius melodus*), American burying beetle (*Nicrophorus americanus*), Rattlesnake-master borer moth (*Papaipema eryngii*), and harperella (*Ptilimnium nodosum*) as species potentially affected by the proposed project.

FHWA, FRA, FTA Programmatic Biological Opinion for Transportation Projects within the Range of the Indiana Bat and Northern Long-eared Bat (PBO) determination key within IPaC provided a no affect determination for the project. It has been determined that this project will have no effect on gray bat, Piping Plover, American burying beetle, Rattlesnake-master borer moth, and harperella due to the limited scope of the project, the lack of suitable habitat, and distance to known species locations.

The project will have a discharge of dredged or fill material into waters of the United States associated with the culvert replacements; therefore, a Section 404 permit will be required. The project should be authorized by Nationwide Permit 3 for Maintenance Projects as defined in Federal Register 82(4): 1860-2008.

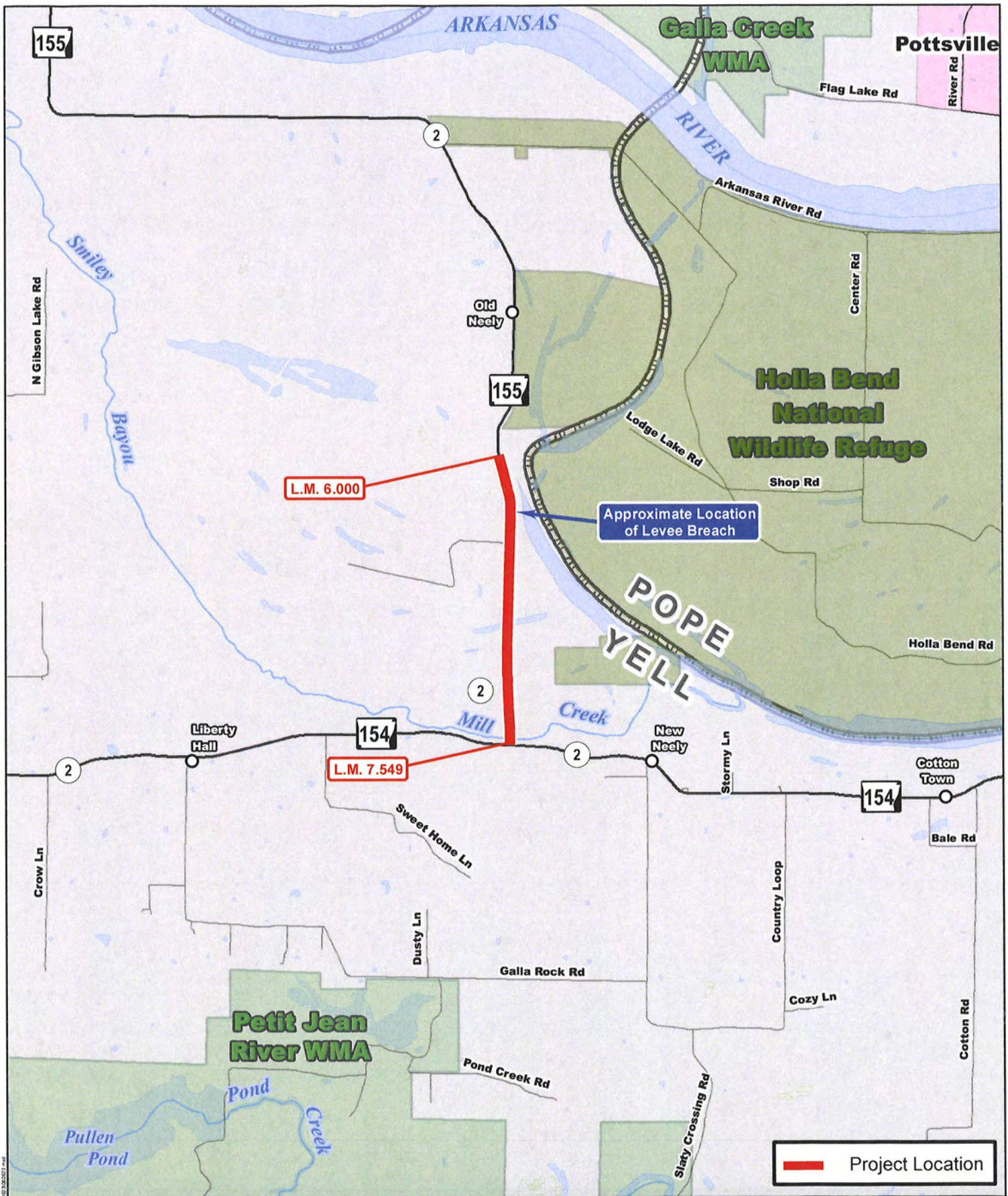
Yell County participates in the National Flood Insurance Program. The project lies within the Zone A, Special Flood Hazard Area. The final project design will be reviewed to confirm that the design is adequate and that the potential risk to life and property are minimized. Adjacent properties should 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.


JF:JB:am

Attachments:

- Location Map
- Cultural Resources Clearance
- Environmental Study Checklist

c: Program Management
Right of Way
District 8
FHWA



 Project Location

Job 080623

Hwy. 155 Flood Repair (Yell Co.) (S)

Hwy. 155, Sec. 2

Yell County



PM: PS: JJ41577: 7/19/2019



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INTEROFFICE MEMORANDUM

August 7, 2019

TO: Job File

FROM: Daniel Hildebran, Cultural Resources Section, Environmental Division

SUBJECT: Cultural Resources Clearance
Job Number 080623
Hwy. 155 Flood Repair (Yell Co.) (S)
Route 155, Section 2
Yell County

This job proposes to repair 1.5 miles of road surface due to a levee breach with asphalt pavement on Highway 155 in Yell County. The existing right-of-way (ROW) is 40' from the centerline on both sides of the highway and any work outside of the ROW will require a Temporary Construction Easement (TCE). A windshield survey showed that all areas outside of the existing ROW were disturbed and shovel tests could not be conducted.

A records check of the Arkansas Archeological Survey database shows two sites (3YE0336 and 3YE0337) near the TCE; however, these two sites are not adjacent to the TCE and will not be impacted by this project. No recorded historic structures are shown on the Arkansas Historic Preservation Program structure database in or near the ROW. No cultural indicators were found on the 1840 General Land Office maps within or near the project. The 1936 Yell County road map shows structures along the existing Hwy. 155.

All work will be within the existing ROW and TCE and the extremely limited scope of the project does not have the potential to affect any undisturbed land surfaces or potential historic properties. This project is subject to the 1999 MOA and falls under the exempted Work Category "Reconstruction." The project is not considered an undertaking and requires no further work or Section 106.

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

ARDOT Job Number 080623 FAP Number STPAC-ER-0075(43)

Job Title Hwy. 155 Flood Repair (Yell Co.) (S)

Environmental Resource	None	Minimal	Major	Comments-required for each item
Air Quality	X			No impacts anticipated
Cultural Resources	X			No impacts anticipated
Economic	X			No impacts anticipated
Endangered Species	X			No effect
Environmental Justice/Title VI	X			No protected populations
Fish and Wildlife		X		Temporary impacts during construction
Floodplains	X			Floodplain SP required
Forest Service Property	X			None in project area
Hazardous Materials/Landfills	X			None in project area
Land Use	X			Will not be impacted by the project
Migratory Birds	X			No structures with nests
Navigation/Coast Guard	X			None in project area
Noise Levels	X			No increase due to project
Prime Farmland	X			No impacts to prime farmland
Protected Waters	X			None in project area
Public Recreation Lands	X			None in project area
Public Water Supply/WHPA	X			None in project area
Relocatees	X			No relocations
Section 4(f)/6(f)	X			4f/6f resources no present
Social	X			No impacts to social environment
Underground Storage Tanks	X			No UST's in project area
Visual	X			No changes in visual environment
Streams		X		Minor impacts during construction
Water Quality		X		Temporary impacts during construction
Wetlands		X		Minor impacts during construction
Wildlife Refuges	X			None in the immediate project area

Section 401 Water Quality Certification Required? No
 Short-term Activity Authorization Required? Yes
 Section 404 Permit Required? Yes Type NWP 3

Remarks: _____

Signature of Evaluator John Baber Date 8/14/19