



INTEROFFICE MEMORANDUM

February 9, 2023

TO: Master Files

FROM:  John Fleming, Division Head, Environmental Division 

SUBJECT: Job 020791
FAP ER-0076(282)
Hwys. 82, 270, & 278 Slide Repairs (S)
Route 82, Section 9; Route 270, Section 11; & Route 278, Section 1S
Ashley, Drew, & Jefferson Counties
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 Programmatic 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 failed embankments along Highways 82, 270, and 278 in Ashley, Jefferson, and Drew counties, respectively. Site 1 on Highway 82 will repair 90' by replacing failed areas with geotextile fabric and riprap backfill. Site 2 on Highway 270 will repair 63' by replacing failed areas with geotextile fabric and riprap backfill. Site 3 will repair approximately 8.4 miles of failed embankments along Highway 278 by reshaping the slopes where necessary. All work will remain within the existing right of way. A project location map is attached.

The project will not involve relocations, underground storage tanks, hazardous materials, noise impacts, farmland, environmental justice issues, or cultural resources. 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 cultural resources clearance is attached. No Section 404 permit is required.

The official species list obtained from the US Fish and Wildlife Service's (USFWS) Information for Planning and Consultation identified the Eastern Black Rail (*Laterallus jamaicensis ssp. jamaicensis*), Ivory-billed Woodpecker (*Campephilus principalis*), Piping Plover (*Charadrius melodus*), Red Knot (*Calidris canutus rufa*), Red-cockaded Woodpecker (*Picoides borealis*), Whooping Crane (*Grus americana*), alligator snapping turtle (*Macrochelys temminckii*), Pink Mucket (*Lampsilis abrupta*), Rabbitsfoot (*Theliderma cylindrica*), Winged Mapleleaf (*Quadrula fragosa*), monarch butterfly (*Danaus plexippus*), Geocarpon (*Geocarpon minimum*), and pondberry (*Lindera melissifolia*) as species occurring within the project area. Due to the lack of habitat and distance to known species occurrences, it has been determined that the proposed project will have "no effect" on the aforementioned federally listed species.

The monarch butterfly is a candidate species, and the alligator snapping turtle is proposed as threatened. ARDOT has determined that this project will not jeopardize the continued existence of either the monarch butterfly or the alligator snapping turtle.

JF:JG:sw

Attachments:

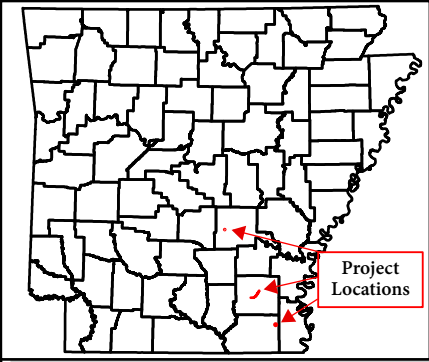
- Project Location Map
- Cultural Resources Clearance
- Environmental Study Checklist

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

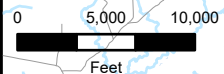
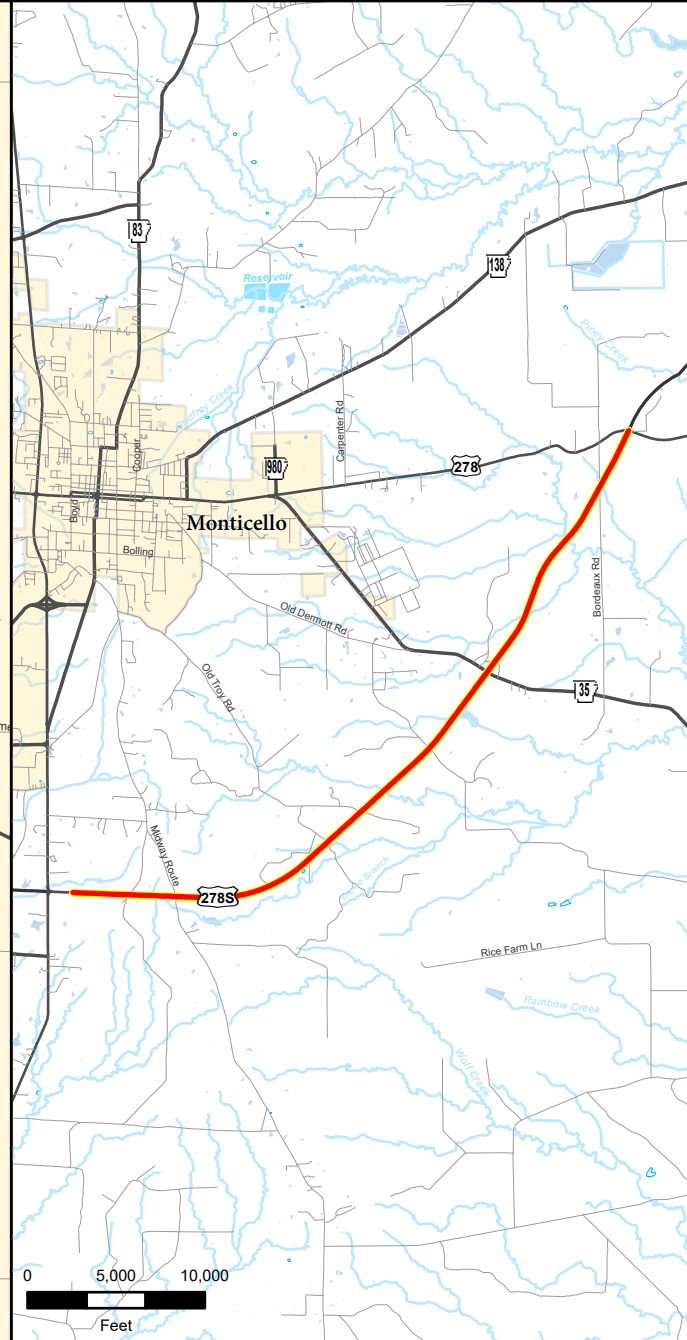
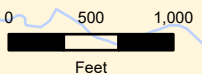
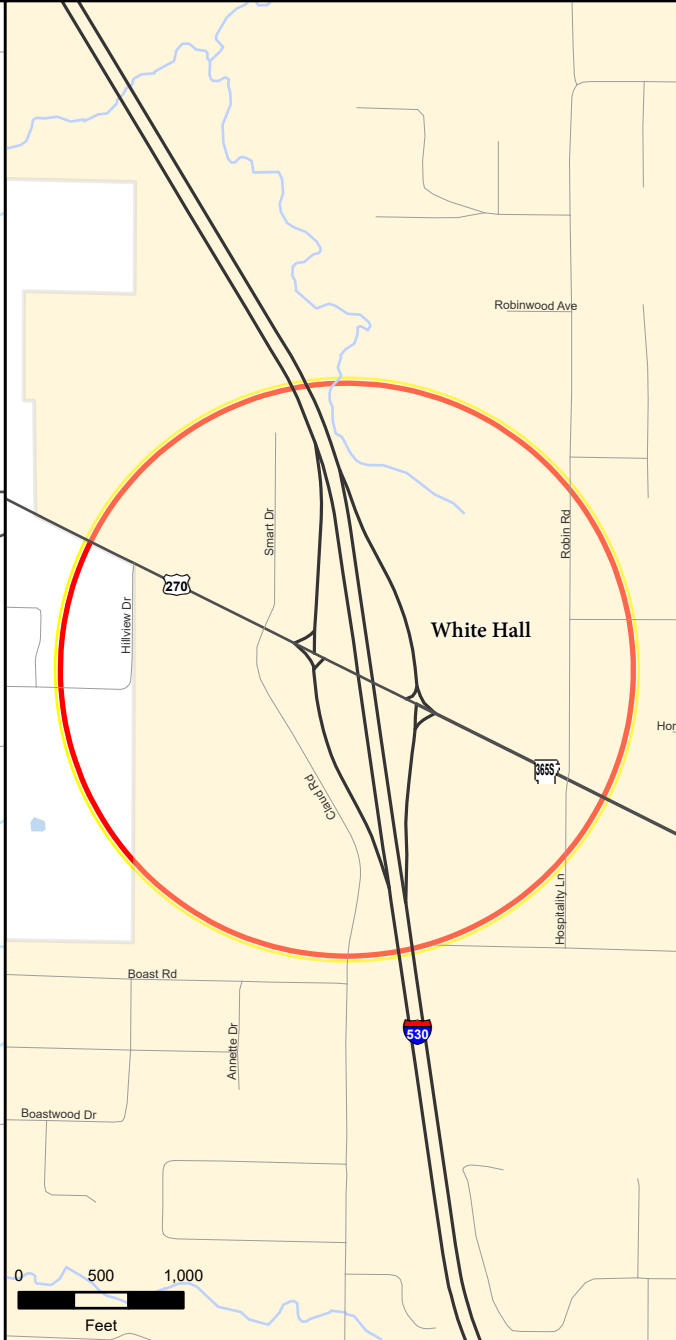
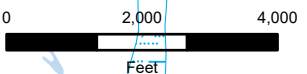
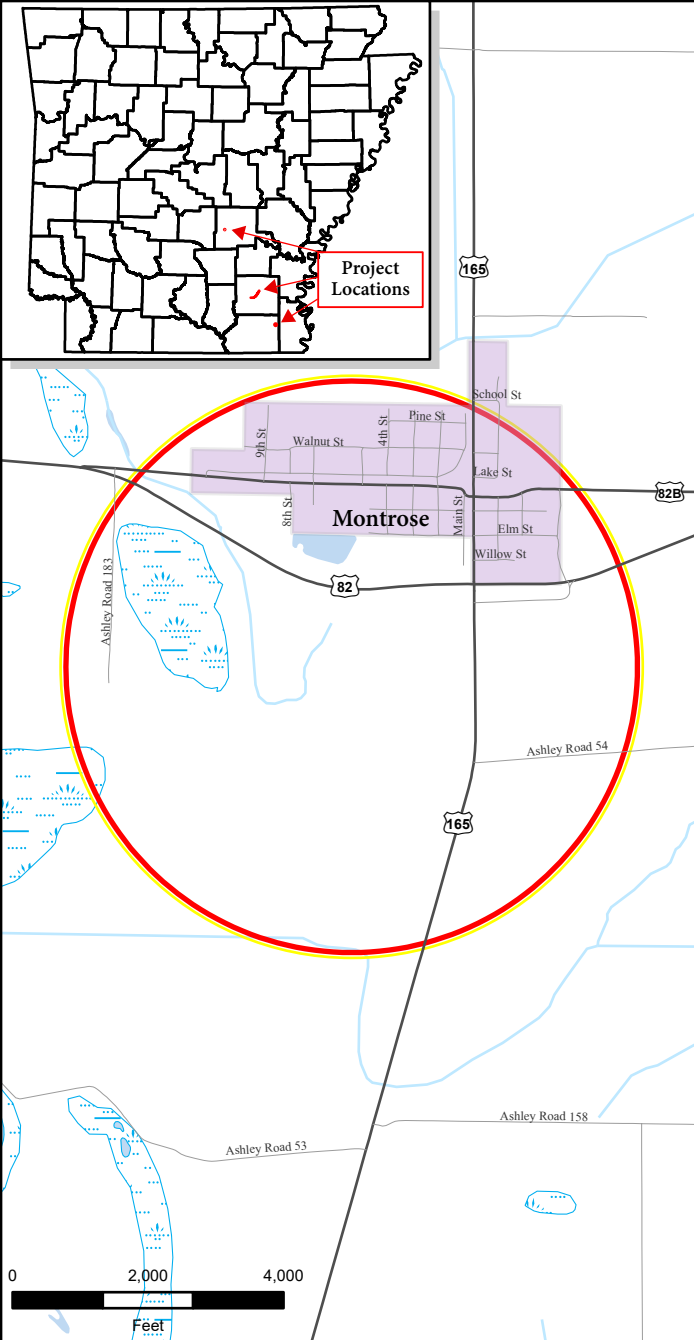


ARDOT - Environmental GIS - Filares
January 30, 2023

Job 020791 Hwys. 82, 270 & 278 Slide Repairs Ashley, Drew and Jefferson County



Project Locations






INTEROFFICE MEMORANDUM

January 6, 2023

TO: Environmental Job File

FROM: Richard Jenkins, Cultural Resources 

SUBJECT: Cultural Resources Clearance
Job 020791
Hwys. 82, 270 & 278 Slide Repairs (S)
Route 82, Section 9
Route 270, Section 11
Route 278, Section 1S
Ashley, Drew & Jefferson Counties

This job proposes to repair three slide locations on Highways 82, 270, and 278 in Ashley, Drew, and Jefferson Counties that consist of either failed embankments at two locations in Ashley and Jefferson Counties or failed slope at one location in Drew County. Repairs will consist of excavating and removing the zone of failed embankment, installing geotextile fabric, and backfilling with dumped riprap or reshaping the slope and adding topsoil and seed. No new right-of-way (ROW) will be acquired.

A records check at the Arkansas Archeological Survey shows no sites in or near the proposed locations. No historic structures were shown on the Arkansas Historic Preservation Program's structure database that are eligible or listed on the National Register of Historic Places near the project locations. No cultural indicators were found on the 1841 GLO maps, the 1936 County maps, or the USGS quadrangle topographic quad maps.

Available plans, the topography, and previous infrastructure were examined to assess previous ground disturbance. This type of undertaking is repetitive in nature and has no potential to affect historic properties. All work will be within the existing ROW, and the limited scope of the project occurs within previously disturbed areas. Therefore, this project requires no Section 106 review under Appendix C, Activity 32, of the 2021 Programmatic Agreement.

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

ARDOT Job 020791 FAP ER-0076(282)

Job Title Hwys. 82, 270, & 278 Slide Repairs (S)

| Environmental Resource | None | Minimal | Major | Comments-required for each item |
|--------------------------------|------|---------|-------|--------------------------------------|
| Air Quality | X | | | No air quality/MSAT impacts |
| Cultural Resources | X | | | CR clearance memo included |
| Economic | X | | | No adverse impacts |
| Endangered Species | X | | | A "no effect" was determined |
| Environmental Justice/Title VI | X | | | No impacts anticipated |
| Fish and Wildlife | X | | | No impacts anticipated |
| Floodplains | X | | | No impacts anticipated |
| Forest Service Property | X | | | None in project area |
| Hazardous Materials/Landfills | X | | | No impacts anticipated |
| Land Use | X | | | All work within existing ROW |
| Migratory Birds | X | | | No impacts anticipated |
| Navigation/Coast Guard | X | | | No navigable waterways involved |
| Noise Levels | X | | | No increases due to project |
| Prime Farmland | X | | | No impacts anticipated |
| Protected Waters | X | | | None in the project area |
| Public Recreation Lands | X | | | WHP SP needed for Sites 2 & 3 |
| Public Water Supply/WHPA | X | | | None in the project area |
| Relocates | X | | | No relocations |
| Section 4(f)/6(f) | X | | | No 4f/6f resources present |
| Social | X | | | No impacts to the social environment |
| Underground Storage Tanks | X | | | No USTs in project area |
| Visual | X | | | No changes to visual environment |
| Streams | X | | | No impacts anticipated |
| Water Quality | X | | | No impacts anticipated |
| Wetlands | X | | | No impacts anticipated |
| Wildlife Refuges | X | | | No impacts anticipated |

Section 401 Water Quality Certification Required? No
 Short-term Activity Authorization Required? No
 Section 404 Permit Required? No Type N/A

Remarks: _____

Signature of Evaluator  Date 2/6/2023