




INTEROFFICE MEMORANDUM

February 16, 2023

TO: Master Files

FROM: John Fleming, Division Head, Environmental Division 

SUBJECT: Job 040854
FAP STPU-0072(60)
Hwy. 412/Klenc Rd. Inters. Impvts. (Tontitown) (S)
Route 412, Section 2
Washington 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 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 improve the intersection of Highway 412 and Klenc Road in the City of Tontitown. Improvements will include installation of traffic signals, improvement to turning radius, wheelchair ramps at crossings, and installation of pedestrian crossing signals. The total length of the project is 0.01 mile. A project location map is attached.

Existing Highway 412 has four 11' wide paved travel lanes and one 12' wide median turn lane with curb and gutter. The existing Klenc Road has two 12' wide paved travel lanes with concrete curb and gutter. The average existing right of way width along Highway 412 is 100'.

The proposed project will convert the westbound median turn lane on Highway 412 to a dedicated left turn lane. The average right of way width along 412 will remain 100'. Approximately 0.05 acre of new right of way will be acquired.

Design data for this project is as follows:

Design Year	Avg. Daily Traffic	Percent Trucks	Design Speed
2023	25,000	13	45 mph
2043	36,000		

The project will not involve relocations, underground storage tanks, hazardous materials, farmland, environmental justice issues, or cultural resources. A Phase I Virtual Public Involvement meeting will be held for this project at a later date. 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 resource clearance is attached.

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

The official species list obtained from the US Fish and Wildlife Service's (USFWS) Information for Planning and Consultation identified the gray bat (*Myotis grisescens*), Indiana bat (*Myotis sodalis*), northern long-eared bat (*Myotis septentrionalis*), Ozark big-eared bat (*Corynorhinus townsendii ingens*), Eastern Black Rail (*Laterallus jamaicensis ssp. jamaicensis*), Piping Plover (*Charadrius melodus*), Red Knot (*Calidris canutus rufa*), Ozark cavefish (*Troglichthys rosae*), Neosho Mucket (*Lampsilis rafinesqueana*), monarch butterfly (*Danaus plexippus*), Benton County cave crayfish (*Cambarus aculabrum*), and Missouri bladderpod (*Physaria filiformis*) as threatened and endangered species potentially occurring within the project area. Due to the lack of habitat and distance to known species occurrences, it is our determination that the proposed project will have "no effect" on the aforementioned federally listed species.

The monarch butterfly is a candidate species and as such is not federally protected under the Endangered Species Act. However, the USFWS recommends agencies implement conservation measures for candidate species in action areas as these are species that may warrant future protection under the Act. ARDOT will plant native wildflowers after construction as a conservation measure.

This project will not have a discharge of dredged or fill material into waters of the United States; therefore, a Section 404 permit will not be required.

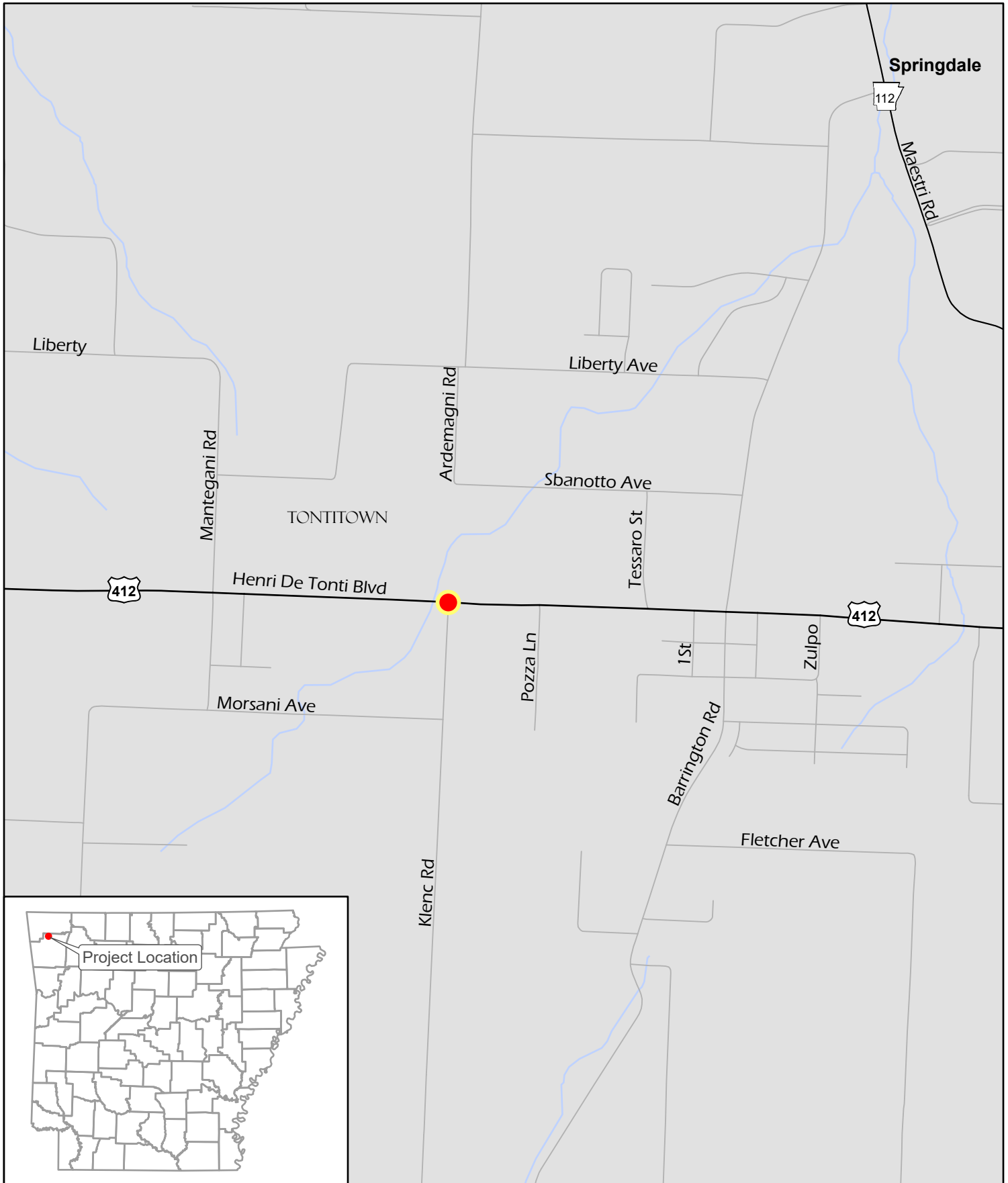
Washington County participates in the National Flood Insurance Program. The project lies within Zone A Special Flood Hazard Area. The final project design will be reviewed to confirm that the design is adequate and that the potential risk to life and property are minimized. Adjacent properties should not be impacted nor have a greater flood risk than existed before construction of the project. None of the encroachments would constitute a substantial floodplain encroachment or a risk to property or life.

JF:JG:sw

Attachments:

- Project Location Map
- Cultural Resource Clearance
- Design Request
- Environmental Study Checklist

- c: Program Management
- Right of Way
- Roadway Design
- District 4
- FHWA



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Feet

ARDOT - Environmental GIS - Dudley
July 15, 2022

Job 040854
Hwy. 412/Klenc Rd. Inters. Impvts.
(Tontitown)
Washington County





Sarah Huckabee Sanders
Governor
Mike Mills
Secretary

February 14, 2023

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

RE: Washington County: Tontitown
Section 106 Review: FHwA
Proposed Undertaking: Hwy. 412/Klenc Rd. Inters. Impvts.
Route 412, Section 2
ARDOT Number: 040854
AHPP Tracking Number: 110802

Dear Mr. Fleming:

The staff of the Arkansas Historic Preservation Program (AHPP) reviewed the Project Identification Form and Architectural Resources Survey for the abovementioned project located in Sections 1 and 2, Township 17 North, Range 31 West in Washington County, Arkansas. The proposed project entails the installation of a new traffic signal at the intersection of Highway 412 (Henri De Tonti Blvd.) and Klenc Road in Tontitown.


Four structures were identified and evaluated during the survey. The AHPP concurs that all four properties, including ARDOT Bridge X0920, are not eligible for listing on the National Register of Historic Places (NRHP). There are no previously recorded archeological sites within or near the area of potential effect (APE). No shovel tests were excavated due to the APE being extensively disturbed from prior construction activities.

Based on the provided information, the AHPP concurs with the finding of **no historic properties affected pursuant to 36 CFR § 800.4(d)(1)** for the proposed undertaking.

Tribes that have expressed an interest in the area include the Cherokee Nation, the Osage 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. Please refer to the AHPP Tracking Number listed above in all correspondence. If you have any questions, call Kathryn Bryles at 501-324-9784 or email kathryn.bryles@arkansas.gov.

Sincerely,
Kathryn
Bryles

 Digitally signed by
Kathryn Bryles
Date: 2023.02.14
13:29:12 -06'00'

for

Scott Kaufman
AHPP Director and State Historic Preservation Officer

cc: Dr. Melissa Zabecki, Arkansas Archeological Survey
Mr. Randal Looney, Federal Highway Administration

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

ARDOT Job 040854 FAP STPU-0072(60)

Job Title Hwy. 412/Klenc Rd. Inters. Impvts. (Tontitown) (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			Within Zone A, not impacted by project
Forest Service Property	X			None in project area
Hazardous Materials/Landfills	X			No impacts anticipated
Land Use		X		0.05 acre additional 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			Project is within City Limits
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
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			Temporary during construction
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: A Phase I Virtual Public Involvement will be held at a later date.

Signature of Evaluator  Date 2/6/2023

ROADWAY DESIGN REQUEST

Job Number 040854 FAP No. STPU – 0072(60) County Washington

Job Name HWY. 412 / KLENC RD. INTERS. IMPVTS. (TONTITOWN) (S)

Design Engineer Crafton Tull Environmental Staff ARDOT

Detailed Project Description Installation of Traffic Signals at intersection of Hwy. 112 and Klenc Rd.

Improvement of turning radius onto Klenc Rd. pedestrian crossing signals across Klenc Rd.

A. Existing Conditions:

Roadway Width: 56' Shoulder Type/Width: Curb & Gutter

Number of Lanes and Width: 4-11', 1-12' Existing Right-of-Way: 100'

Sidewalks? No Location: _____ Width: _____

Bike Lanes? No Location: _____ Width: _____

B. Proposed Conditions:

Roadway Width: 56' Shoulder Type/Width: Curb & Gutter

Number of Lanes and Width: 4-11', 1-12' Proposed Right-of-Way: 100'

Sidewalks? No Location: _____ Width: _____

Bike Lanes? No Location: _____ Width: _____

C. Construction Information:

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

D. Design Traffic Data:

2023 ADT: 25,000 2043 ADT: 36,000 % Trucks: 13%

Design Speed: 45 m.p.h.

E. Approximate total length of project: 0.01 mile(s)

F. Justification for proposed improvements: Signal Warrant Met – Request of City

G. Total Relocatees: 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