





INTEROFFICE MEMORANDUM

December 9, 2020

TO: Master Files

FROM:  John Fleming, Division Head, Environmental Division 

SUBJECT: Job Number 101062
FAP Number STPC-9227(88)
Hwy. 18/Quality Way Signal (Jonesboro) (S)
Route 18, Section 4
Craighead 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 install a new traffic signal at the intersection of Highway 18 and Quality Way in Jonesboro. Work includes widening a portion of the Highway 18 shoulder to accommodate the installation of a guardrail. Quality Way will be widened to add a right turn lane, a concrete island, and radius improvements. Total length of the project is 0.067 mile. A project location map is attached.

The existing Highway 18 roadway consists of four 12-foot wide paved travel lanes and one 11-foot wide middle turn lane with 8-foot wide shoulders. Proposed improvements include four 12-foot wide paved travel lanes and one 11-foot wide middle lane with one 13.5-foot wide shoulder and one 8-foot wide shoulder.

The existing Quality Way roadway consists of two 12-foot wide paved travel lanes with 6-foot wide shoulders. Proposed improvements include three 12-foot wide paved travel lanes with 6-foot wide shoulders. Approximately 0.26 acre of additional right of way will be required for this project.

Design data for this project is as follows:

Design Year	Average Daily Traffic	Percent Trucks	Design Speed
2021	13,000	7	60 mph
2041	16,000	7	60 mph

The project will not involve relocations, prime farmlands, wetlands, underground storage tanks, hazardous materials, any 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.

The official species list obtained through US Fish and Wildlife Service's Information for Planning and Consultation website identified the threatened Eastern Black Rail (*Laterallus jamaicensis ssp. jamaicensis*), the threatened Piping Plover (*Charadrius melodus*), the threatened Red Knot (*Calidris canutus rufa*), and the endangered pondberry (*Lindera melissifolia*) as potentially occurring in the project area. Utilizing the Arkansas DKey, it has been determined that the project will have 'no effect' for all four federally listed species due to a lack of suitable habitat in the project area and distance to known occurrence records.

Craighead County participates in the National Flood Insurance Program. The project lies within Zone X, area of moderate flood hazard, and Zone AE, 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 a risk to property or life.

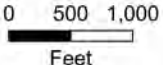
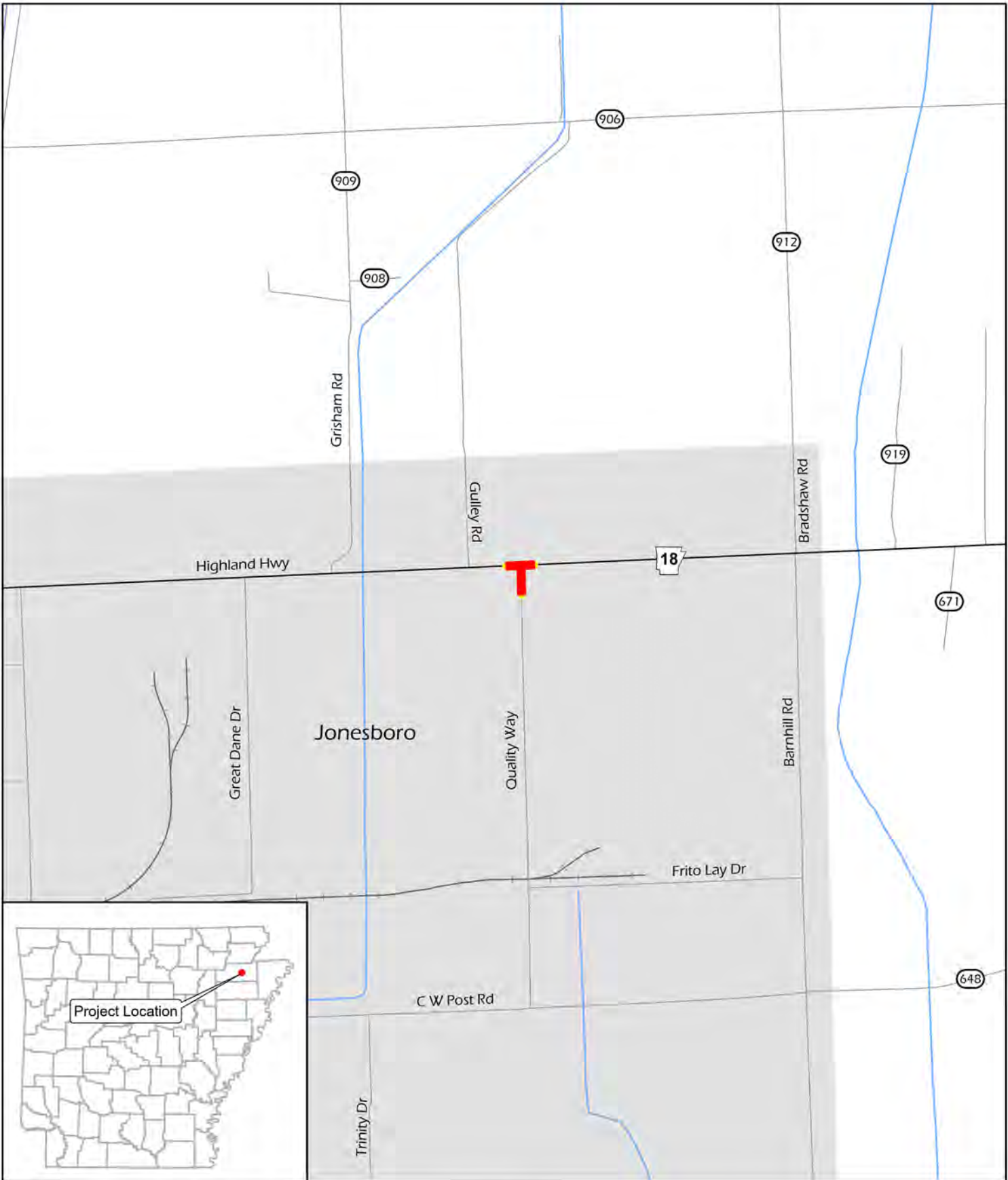
This project will not affect Waters of the U.S.; therefore, a Section 404 permit will not be required for this project.

JF:JG:am

Attachments:

- Project Location Map
- Cultural Resources Clearance
- Environmental Study Checklist
- Design Request Form

c: Program Management
Right of Way
Roadway Design
District 10
FHWA



Job 101062
 Hwy. 18/Quality Way Signal
 (Jonesboro)
 Craighead County

 Project Location



ARKANSAS DEPARTMENT OF TRANSPORTATION

ArDOT.gov | IDriveArkansas.com | Lorie H. Tudor, P.E., Director

ENVIRONMENTAL DIVISION

10324 Interstate 30 | P.O. Box 2261 | Little Rock, AR 72203-2261 | Phone: 501.569.2281 | Fax: 501.569.2009

LD 7183
FHWA

December 1, 2020

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

AHPP
DEC 07 2020

RE: Job Number 101062
Hwy. 18/Quality Way Signal
(Jonesboro) (S)
Route 18, Section 4
Craighead County

Dear Secretary Hurst:

A Project Identification Form (PIF) is enclosed for the referenced project. Please review for concurrence with the findings of my staff. If you have any questions or require additional information, please contact Daniel Hildebran of my staff at (501) 569-4512.

Date 12.4.20
No known historic properties will be affected by this undertaking. This effect determination could change should new information come to light.
Eric Mills
Arkansas Historic Preservation Office

Sincerely,

John Fleming
Division Head
Environmental Division

JF:KB:DH:cb

Enclosure
PIF

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

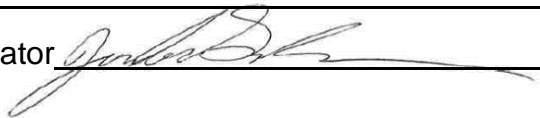
ARDOT Job Number 101062 FAP Number STPC-9227(88)

Job Title Hwy. 18/Quality Way Signal (Jonesboro) (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 attached
Economic	X			No adverse impacts
Endangered Species	X			A "no effect" determination was made
Environmental Justice/Title VI	X			No impacts anticipated
Fish and Wildlife	X			No impacts anticipated
Floodplains	X			None impacted by project
Forest Service Property	X			None in project area
Hazardous Materials/Landfills	X			No impacts anticipated
Land Use	X			Will not be impacted by project
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			Within city limits
Protected Waters	X			None in the project area
Public Recreation Lands	X			None in project area
Public Water Supply/WHPA	X			No impacts anticipated
Relocatees	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			None in the project area
Water Quality	X			No impacts anticipated
Wetlands	X			None in the project area
Wildlife Refuges	X			None in the project area

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 11/4/2020

ROADWAY DESIGN REQUEST

Job Number 101062 FAP No. STPC-9227(88) County Craighead

Job Name Hwy. 18/Quality Way Signal (Jonesboro) (S)

Design Engineer Brian Bettinardi Environmental Staff _____

Detailed Project Description Installing a traffic signal at the intersection of Hwy. 18 & Quality Way in Jonesboro. Hwy. 18 will have shoulder widening to accommodate the installation of guardrail.

Quality Way will be widen to add a right turn lane, a concrete island, and radius improvements.

A. Existing Conditions:

Roadway Width: 59' & 24' Shoulder Type/Width: 8' & 6'

Number of Lanes and Width: 4-12', 1-11' & 2-12' Existing Right-of-Way: 169' - 237'

Sidewalks? N/A Location: _____ Width: _____

Bike Lanes? N/A Location: _____ Width: _____

B. Proposed Conditions:

Roadway Width: 59' & 36' Shoulder Type/Width: 13.5', 8' & 6'

Number of Lanes and Width: 4-12', 1-11' & 3-12' Proposed Right-of-Way: 169' - 237' & 40' - 60'

Sidewalks? N/A Location: _____ Width: _____

Bike Lanes? N/A Location: _____ Width: _____

C. Construction Information:

If detour: Where: N/A Length: _____

D. Design Traffic Data:

2021 ADT: 13,000 2041 ADT: 16,000 % Trucks: 7

Design Speed: 60 m.p.h.

E. Approximate total length of project: 0.067 mile(s)

F. Justification for proposed improvements: Installation of traffic signal.

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