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:

<table>
<thead>
<tr>
<th>Design Year</th>
<th>Average Daily Traffic</th>
<th>Percent Trucks</th>
<th>Design Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>2021</td>
<td>13,000</td>
<td>7</td>
<td>60 mph</td>
</tr>
<tr>
<td>2041</td>
<td>16,000</td>
<td>7</td>
<td>60 mph</td>
</tr>
</tbody>
</table>
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

Program Management
- Right of Way
- Roadway Design
- District 10
- FHWA
December 1, 2020

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

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

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)

<table>
<thead>
<tr>
<th>Environmental Resource</th>
<th>None</th>
<th>Minimal</th>
<th>Major</th>
<th>Comments - required for each item</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Quality</td>
<td>X</td>
<td></td>
<td></td>
<td>No air quality/MSAT impacts</td>
</tr>
<tr>
<td>Cultural Resources</td>
<td>X</td>
<td></td>
<td></td>
<td>CR clearance memo attached</td>
</tr>
<tr>
<td>Economic</td>
<td>X</td>
<td></td>
<td></td>
<td>No adverse impacts</td>
</tr>
<tr>
<td>Endangered Species</td>
<td>X</td>
<td></td>
<td></td>
<td>A “no effect” determination was made</td>
</tr>
<tr>
<td>Environmental Justice/Title VI</td>
<td>X</td>
<td></td>
<td></td>
<td>No impacts anticipated</td>
</tr>
<tr>
<td>Fish and Wildlife</td>
<td>X</td>
<td></td>
<td></td>
<td>No impacts anticipated</td>
</tr>
<tr>
<td>Floodplains</td>
<td>X</td>
<td></td>
<td></td>
<td>None impacted by project</td>
</tr>
<tr>
<td>Forest Service Property</td>
<td>X</td>
<td></td>
<td></td>
<td>None in project area</td>
</tr>
<tr>
<td>Hazardous Materials/Landfills</td>
<td>X</td>
<td></td>
<td></td>
<td>No impacts anticipated</td>
</tr>
<tr>
<td>Land Use</td>
<td>X</td>
<td></td>
<td></td>
<td>Will not be impacted by project</td>
</tr>
<tr>
<td>Migratory Birds</td>
<td>X</td>
<td></td>
<td></td>
<td>No impacts anticipated</td>
</tr>
<tr>
<td>Navigation/Coast Guard</td>
<td>X</td>
<td></td>
<td></td>
<td>No navigable waterways involved</td>
</tr>
<tr>
<td>Noise Levels</td>
<td>X</td>
<td></td>
<td></td>
<td>No increases due to project</td>
</tr>
<tr>
<td>Prime Farmland</td>
<td>X</td>
<td></td>
<td></td>
<td>Within city limits</td>
</tr>
<tr>
<td>Protected Waters</td>
<td>X</td>
<td></td>
<td></td>
<td>None in the project area</td>
</tr>
<tr>
<td>Public Recreation Lands</td>
<td>X</td>
<td></td>
<td></td>
<td>None in project area</td>
</tr>
<tr>
<td>Public Water Supply/WHPA</td>
<td>X</td>
<td></td>
<td></td>
<td>No impacts anticipated</td>
</tr>
<tr>
<td>Relocates</td>
<td>X</td>
<td></td>
<td></td>
<td>No relocations</td>
</tr>
<tr>
<td>Section 4(f)/6(f)</td>
<td>X</td>
<td></td>
<td></td>
<td>No 4f/6f resources present</td>
</tr>
<tr>
<td>Social</td>
<td>X</td>
<td></td>
<td></td>
<td>No impacts to the social environment</td>
</tr>
<tr>
<td>Underground Storage Tanks</td>
<td>X</td>
<td></td>
<td></td>
<td>No USTs in project area</td>
</tr>
<tr>
<td>Visual</td>
<td>X</td>
<td></td>
<td></td>
<td>No changes to visual environment</td>
</tr>
<tr>
<td>Streams</td>
<td>X</td>
<td></td>
<td></td>
<td>None in the project area</td>
</tr>
<tr>
<td>Water Quality</td>
<td>X</td>
<td></td>
<td></td>
<td>No impacts anticipated</td>
</tr>
<tr>
<td>Wetlands</td>
<td>X</td>
<td></td>
<td></td>
<td>None in the project area</td>
</tr>
<tr>
<td>Wildlife Refuges</td>
<td>X</td>
<td></td>
<td></td>
<td>None in the project area</td>
</tr>
</tbody>
</table>

**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 widened to add a right turn lane, a concrete island, and radius improvements.

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### 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:

<table>
<thead>
<tr>
<th>Year</th>
<th>ADT</th>
<th>Design Speed</th>
<th>% Trucks</th>
</tr>
</thead>
<tbody>
<tr>
<td>2021</td>
<td>13,000</td>
<td>60 m.p.h.</td>
<td>7</td>
</tr>
<tr>
<td>2041</td>
<td>16,000</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

### G. Total Relocatees: 0  **Residences:** 0  **Businesses:** 0

### H. Have you coordinated with any outside agencies (e.g., FHWA, City, County, etc.)? **No**

<table>
<thead>
<tr>
<th>Agency/Official</th>
<th>Person Contacted</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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