



August 23, 2018

Mr. Angel Correa
Division Administrator
Federal Highway Administration
700 West Capitol, Room 3130
Little Rock, Arkansas 72201-3298

Re: Job Number 061509
FAP Number STPC-9065(24)
Hwy. 367 – Hwy. 89 (Cabot) (S)
Route 321, Section 1
Bridge Number 06465
Lonoke County
Tier 3 Categorical Exclusion

Dear Mr. Correa:

The Environmental Division reviewed the referenced project and has determined it falls within the definition of the Tier 3 Categorical Exclusion as defined by the ARDOT/FHWA Memorandum of Agreement on the processing of Categorical Exclusions. The following information is included for your review and, if acceptable, approval as the environmental documentation for this project.

The purpose of this project is to widen Highway 321 from Highway 367 to Highway 89 within the city limits of Cabot, Arkansas. Total length of the project is 3.23 miles. A project location map is enclosed.

Highway 321 currently consists of two 12-foot wide paved travel lanes with a variable shoulder width from 4 to 8 foot. It has two 11-foot wide travel lanes with a 12-foot left turn lane at its intersections with Highway 367, Lakewood Drive, Kerr Station Road, and Highway 89. Existing right of way width is 115 feet.

Proposed improvements along most of the route will include four 11-foot wide paved travel lanes with a 12-foot wide turn lane. The section from Station 257 to 279 (Union Pacific Railroad overpass) will consist of four 12-foot wide travel lanes with a 16-foot wide raised median. The project will replace bridge 06465 with a larger structure and two additional bridges will be constructed immediately south of existing structures to widen the roadway. The new right of way will have an average width of 150 feet and have control of access (low type). Replacement of traffic signals at Kerr Station

intersection will be required for the project. The existing signalization at Highway 367 will be improved under Job Number 061371, and signalization at Highway 89 will not change. Approximately 14.0 acres of additional right of way and 1.7 acres of temporary construction easements will be required for this project.

Design data for this project is as follows:

| Design Year | Average Daily Traffic | Percent Trucks | Design Speed |
|-------------|-----------------------|----------------|--------------|
| 2018 | 17,500 | 5 | 45 mph |
| 2038 | 23,000 | 5 | 45 mph |

There are no environmental justice issues or cultural resources associated with this project. One business will be relocated because of the project. *Public Law 91-646, Uniform Relocation Assistance Act of 1970*, as amended, will apply. Field inspections found no evidence of existing underground storage tanks or hazardous waste deposits. Approximately 0.16 acre of Prime Farmland will be converted to highway right of way. Form NRCS-CPA-106 is enclosed.

Noise predictions have been made for this project utilizing the Federal Highway Administration's TNM 2.5 (Traffic Noise Model) procedures. These procedures indicate that noise levels are above the FHWA noise criteria beyond the project's proposed right of way limits. A Noise Analysis is enclosed.

Construction of this project will impact White Oak Branch, Two Prairie Bayou, and three unnamed tributaries. There will be one bridge widened, two new bridges constructed, and two existing bridges will be retained. Three existing concrete box culverts will be extended, one concrete box culvert will be constructed, and a triple pipe culvert will be replaced. Approximately 2.51 acres of wetlands will be filled and 1,750 linear feet of stream channel will be relocated during construction. Compensatory mitigation will be required for the adverse impacts to wetlands and streams. Construction should be allowed under the terms of a Nationwide Permit 23 for Approved Categorical Exclusions as defined in the Federal Register 82(4):1860-2008. A commitment has been made to conduct wetland and stream mitigation in association with this project.

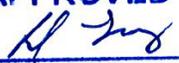
Lonoke County participates in the National Flood Insurance Program. The project lies within Zone AE and Zone A, Special Flood Hazard Areas. The final project design will be reviewed to confirm that the design is adequate and that the potential risk to life and property are minimized. Adjacent properties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

The official species list obtained through the US Fish and Wildlife Services (USFWS) Information for Planning and Consultation website lists the Piping Plover (*Charadrius melodus*), Red Knot (*Calidris canutus rufa*), and Scaleshell Mussel (*Letodea leptodon*) as species potentially affected by the proposed project. Based on the lack of available/suitable habitat and distance to any known species locations, it has been determined that the project will have "no effect" on all listed species.

An open forum Public Involvement Meeting for the project was held on January 18, 2018. A synopsis for this meeting is attached. Design changes were made as a result of comments at the meeting and will be shown at an informational meeting scheduled for August 30, 2018.

If you have any questions, please contact the Environmental Division at 569-2281.

Sincerely,

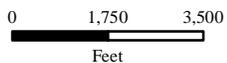
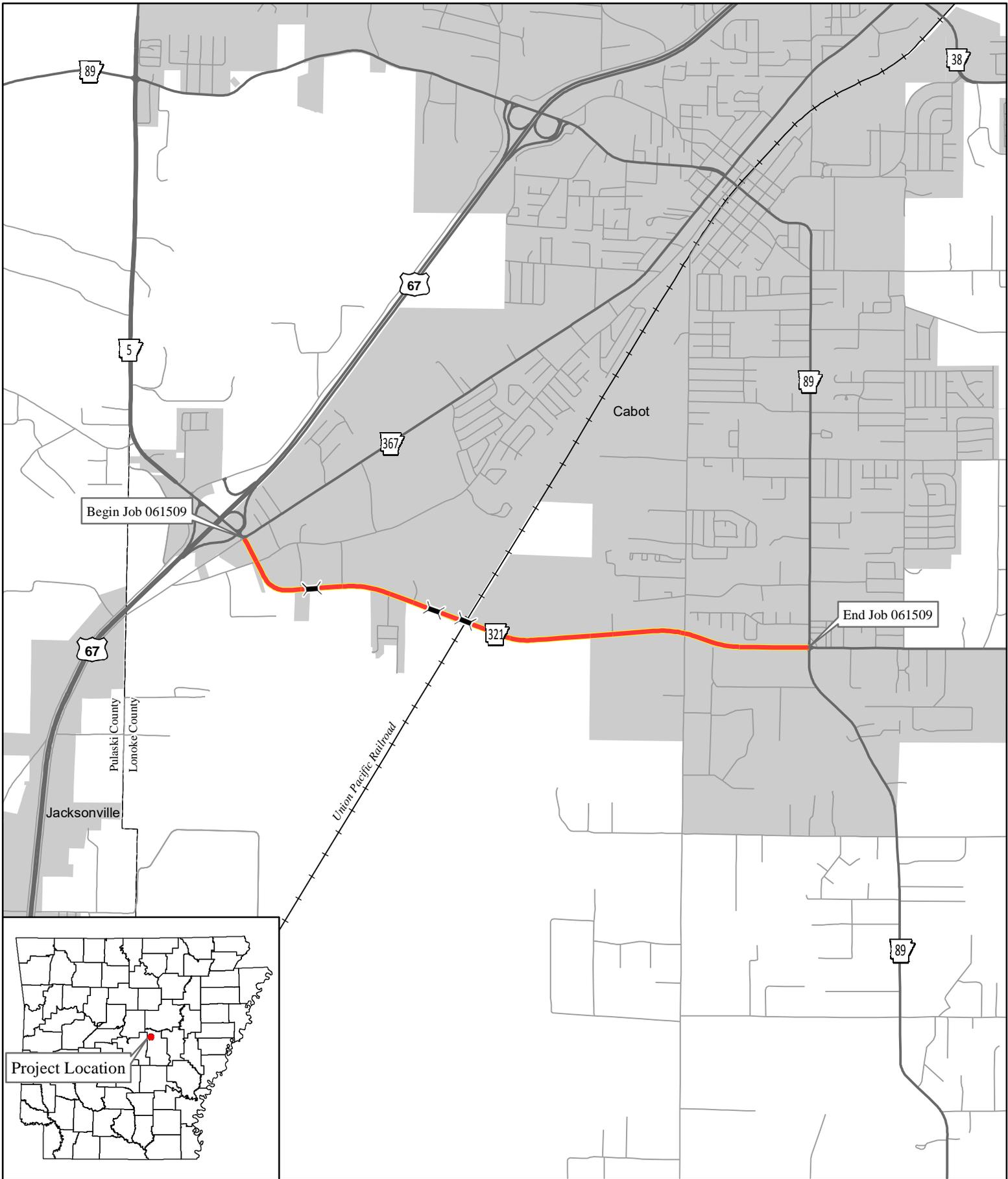
APPROVED

Environmental Specialist
Federal Highway Administration
Date: 8/29/2018


for John Fleming
Division Head
Environmental Division

Enclosures

JF:TT:fc

c: Program Management
Right of Way
Roadway Design
Bridge Division
District 6
Master File



ARDOT - Environmental GIS - Strawn
August 14, 2018

Job 061509
Hwy. 367 - Hwy. 89
(Cabot) (Hwy. 321)
Lonoke County

Project Location



ARKANSAS DEPARTMENT OF TRANSPORTATION

ARDOT.gov | IDriveArkansas.com | Scott E. Bennett, P.E., Director

10324 Interstate 30 | P.O. Box 2261 | Little Rock, AR 72203-2261

Phone: 501.569.2000 | Voice/TTY 711 | Fax: 501.569.2400

67347.02
FAWA

January 11, 2018

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

RECEIVED
ARDOT

JAN 24 2018

ENVIRONMENTAL
DIVISION

AHPP
JAN 11 2018

Re: Job No. 061509
Hwy. 367-Hwy. 89 (Cabot) (S)
Lonoke County

Dear Ms. Hurst,

A Project Identification Form for the referenced project is enclosed. Please review for concurrence with the findings of my staff. If you have any questions or require additional information, please contact Jason Eads of my staff at (501) 569-2181.

Sincerely,

Brenda Price

for John Fleming
Division Head
Environmental Division

Enclosure
PIF

JF:DW:JE:fc

Date 12 Jan 2018
No known historic properties will be affected by this undertaking. This effect determination could change should new information come to light.
Jason Eads
Arkansas State Historic Preservation Officer

**FARMLAND CONVERSION IMPACT RATING
FOR CORRIDOR TYPE PROJECTS**

| | | | |
|--|---|--|--|
| PART I (To be completed by Federal Agency) Job 061509 | | 3. Date of Land Evaluation Request 8/14/2018 | 4. Sheet 1 of 1 |
| 1. Name of Project Hwy. 367 – Hwy. 89 (Cabot)(S) | | 5. Federal Agency Involved FHWA | |
| 2. Type of Project Widening | | 6. County and State Lonoke, AR. | |
| PART II (To be completed by NRCS) | | 1. Date Request Received by NRCS | 2. Person Completing Form |
| 3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). | | YES NO | 4. Acres Irrigated Average Farm Size |
| 5. Major Crop(s) | 6. Farmable Land in Government Jurisdiction Acres: % | | 7. Amount of Farmland As Defined in FPPA Acres: % |
| 8. Name Of Land Evaluation System Used | 9. Name of Local Site Assessment System | 10. Date Land Evaluation Returned by NRCS | |

| PART III (To be completed by Federal Agency) | Alternative Corridor For Segment | | | |
|---|----------------------------------|------------|------------|------------|
| | Corridor A | Corridor B | Corridor C | Corridor D |
| A. Total Acres To Be Converted Directly | 14.0 | | | |
| B. Total Acres To Be Converted Indirectly, Or To Receive Services | | | | |
| C. Total Acres In Corridor | 58.7 | | | |

| PART IV (To be completed by NRCS) Land Evaluation Information | | | | |
|--|------|--|--|--|
| A. Total Acres Prime And Unique Farmland | 0.16 | | | |
| B. Total Acres Statewide And Local Important Farmland | 0 | | | |
| C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted | | | | |
| D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value | | | | |

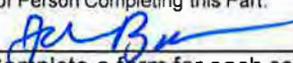
PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)

| PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c)) | Maximum Points | | | | |
|---|----------------|-----------|--|--|--|
| 1. Area in Nonurban Use | 15 | 10 | | | |
| 2. Perimeter in Nonurban Use | 10 | 5 | | | |
| 3. Percent Of Corridor Being Farmed | 20 | 10 | | | |
| 4. Protection Provided By State And Local Government | 20 | 0 | | | |
| 5. Size of Present Farm Unit Compared To Average | 10 | 2 | | | |
| 6. Creation Of Nonfarmable Farmland | 25 | 0 | | | |
| 7. Availability Of Farm Support Services | 5 | 5 | | | |
| 8. On-Farm Investments | 20 | 10 | | | |
| 9. Effects Of Conversion On Farm Support Services | 25 | 0 | | | |
| 10. Compatibility With Existing Agricultural Use | 10 | 0 | | | |
| TOTAL CORRIDOR ASSESSMENT POINTS | 160 | 42 | | | |

| PART VII (To be completed by Federal Agency) | | | | | |
|---|------------|------------|--|--|--|
| Relative Value Of Farmland (From Part V) | 100 | 100 | | | |
| Total Corridor Assessment (From Part VI above or a local site assessment) | 160 | 25 | | | |
| TOTAL POINTS (Total of above 2 lines) | 260 | 142 | | | |

| | | | |
|--|---|--|--|
| 1. Corridor Selected: Existing Location | 2. Total Acres of Farmlands to be Converted by Project: 0.16 acres of Prime Farmland | 3. Date Of Selection: August 14, 2018 | 4. Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/> |
|--|---|--|--|

5. Reason For Selection:
Best Location

Signature of Person Completing this Part:  John Baber DATE 8/17/18

NOTE: Complete a form for each segment with more than one Alternate Corridor

ARDOT JOB NUMBER 061509

NOISE ANALYSIS

Fundamentals of Sound and Noise

“Noise” is defined as an unwanted sound. Sounds are described as noise if they interfere with an activity or disturb the person hearing them. Sound is measured in a logarithmic unit called a decibel (dB). The human ear is more sensitive to middle and high frequency sounds than it is to low frequency sounds, so sound levels are weighted to more closely reflect human perceptions. These “A-weighted” sounds are measured using the decibel unit dB(A). Because the dB(A) is based on a logarithmic scale, a 10 dB(A) increase in sound level is generally perceived as twice as loud while a 3 dB(A) increase is just barely perceptible to the human ear.

Sound levels fluctuate with time depending on the sources of the sound audible at a specific location. In addition, the degree of annoyance associated with certain sounds varies by time of day, depending on other ambient sounds affecting the listener and the activities of the listener. The time-varying fluctuations in sound levels at a fixed location can be quite complex, so they are typically reported using statistical or mathematical descriptors that are a function of sound intensity and time. A commonly used descriptor of the equivalent sound level is Leq , which represents the equivalent of a steady, unvarying level over a defined period of time containing the same level of sound energy as the time varying noise environment. $Leq(h)$ is a sound level averaged over one hour. For highway projects, the $Leq(h)$ is commonly used to describe traffic-generated sound levels at locations of outdoor human use and activity (such as residences).

Noise Impact Criteria

Traffic noise impacts take place when the predicted traffic noise levels approach or exceed the noise abatement standard, or when the predicted traffic noise levels exceed the existing noise level by ten dB(A) (decibels on the A-scale). The noise abatement standard of 67 dB(A) is used for sensitive noise receptors such as residences, schools, churches, and parks. The term “approach” is considered to be one dB(A) less than the noise abatement standard.

The number of noise receptors was estimated for this project utilizing the Federal Highway Administration’s Traffic Noise Model 2.5, existing and proposed roadway information, existing traffic information, and projected traffic levels for 2038.

Traffic Noise Analyses

Traffic noise analyses were performed for the project utilizing a roadway cross-section for Highway 321 consisting of four 11-foot paved travel lanes and a 12-

foot paved turn lane with curb and gutter design. A cross-section of four 12-foot paved travel lanes and a 16-foot raised concrete median with curb and gutter design was also analyzed.

Effects of Project

The traffic noise estimates for the project resulted in a noise abatement distance of 148 feet from the centerline of Highway 321 in the project area. Approximately 7 receptors could be affected by future noise levels greater than 66 dB(A). Six of these receptors are currently experiencing noise levels greater than 66 dB(A).

Traffic Noise Abatement

Since noise impacts are predicted within 500 feet of the proposed project, the feasibility and reasonableness of potential noise abatement measures must be evaluated. Based upon ARDOT's "Policy on Highway Traffic Noise Abatement", any noise abatement effort using barrier walls or berms is not warranted for this project. In order to provide direct access to the highway from adjacent properties, breaks in the barrier walls or berms would be required. These necessary breaks for highway access would render any noise barrier ineffective for 1 of the 7 sensitive receptors.

While feasible, a noise barrier or berm is considered unreasonable for 6 of the 7 impacted receptors. This is due to the cost per benefited receptor.

To avoid noise levels in excess of design levels, any future receptors should be located a minimum of 10 feet beyond the distance that the noise abatement standard is projected to occur. This distance should be used as a general guide and not a specific rule since the noise will vary depending upon the roadway grades and other noise contributions.

Any excessive project noise, due to construction operations, should be of short duration and have a minimum adverse effect on land uses or activities associated with this project area.

In compliance with Federal guidelines, a copy of this analysis will be transmitted to the Central Arkansas Planning and Development District for possible use in present and future land use planning.



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Arkansas Ecological Services Field Office
110 South Amity Suite 300
Conway, AR 72032-8975
Phone: (501) 513-4470 Fax: (501) 513-4480
<http://www.fws.gov/arkansas-es>

In Reply Refer To:

August 14, 2018

Consultation Code: 04ER1000-2018-SLI-1423

Event Code: 04ER1000-2018-E-02177

Project Name: Hwy. 367 - Hwy. 89 (Cabot)

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies endangered, threatened, proposed, and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*). **This letter only provides an official species list and technical assistance; if you determine that listed species and/or designated critical habitat may be affected in any way by the proposed project, even if the effect is wholly beneficial, consultation with the Service will be necessary.**

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found on our website.

Please visit our website at <http://www.fws.gov/arkansas-es/IPaC/home.html> for species-specific guidance to avoid and minimize adverse effects to federally endangered, threatened, proposed, and candidate species. Our web site also contains additional information on species life history and habitat requirements that may be useful in project planning.

If your project involves in-stream construction activities, oil and natural gas infrastructure, road construction, transmission lines, or communication towers, please review our project specific guidance at <http://www.fws.gov/arkansas-es/IPaC/ProjSpec.html>.

The karst region of Arkansas is a unique region that covers the **northern third of Arkansas** and we have specific guidance to conserve sensitive cave-obligate and bat species. **Please visit <http://www.fws.gov/arkansas-es/IPaC/Karst.html> to determine if your project occurs in the karst region and to view karst specific-guidance.** Proper implementation and maintenance of best management practices specified in these guidance documents is necessary to avoid adverse effects to federally protected species and often avoids the more lengthy formal consultation process.

If your species list includes any mussels, Northern Long-eared Bat, Indiana Bat, Yellowcheek Darter, Red-cockaded Woodpecker, or American Burying Beetle, your project may require a presence/absence and/or habitat survey prior to commencing project activities. Please check the appropriate species-specific guidance on our website to determine if your project requires a survey. We strongly recommend that you contact the appropriate staff species lead biologist (see office directory or species page) prior to conducting presence/absence surveys to ensure the appropriate level of effort and methodology.

Under the ESA, it is the responsibility of the Federal action agency or its designated representative to determine if a proposed action "may affect" endangered, threatened, or proposed species, or designated critical habitat, and if so, to consult with the Service further. Similarly, it is the responsibility of the Federal action agency or project proponent, not the Service, to make "no effect" determinations. If you determine that your proposed action will have "no effect" on threatened or endangered species or their respective critical habitat, you do not need to seek concurrence with the Service. Nevertheless, it is a violation of Federal law to harm or harass any federally-listed threatened or endangered fish or wildlife species without the appropriate permit.

Through the consultation process, we will analyze information contained in a biological assessment that you provide. If your proposed action is associated with Federal funding or permitting, consultation will occur with the Federal agency under section 7(a)(2) of the ESA. Otherwise, an incidental take permit pursuant to section 10(a)(1)(B) of the ESA (also known as a habitat conservation plan) is necessary to harm or harass federally listed threatened or endangered fish or wildlife species. In either case, there is no mechanism for authorizing incidental take "after-the-fact." For more information regarding formal consultation and HCPs, please see the Service's Consultation Handbook and Habitat Conservation Plans at www.fws.gov/engangered/esa-library/index.html#consultations.

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, **the accuracy of this species list should be verified after 90 days.** This verification can be

completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. **Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.**

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Arkansas Ecological Services Field Office

110 South Amity Suite 300

Conway, AR 72032-8975

(501) 513-4470

Project Summary

Consultation Code: 04ER1000-2018-SLI-1423

Event Code: 04ER1000-2018-E-02177

Project Name: Hwy. 367 - Hwy. 89 (Cabot)

Project Type: TRANSPORTATION

Project Description: widening Hwy. 321 to five lanes

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/34.94293894647079N92.05505981637833W>



Counties: Lonoke, AR

Endangered Species Act Species

There is a total of 3 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Birds

| NAME | STATUS |
|---|------------|
| Piping Plover <i>Charadrius melodus</i> Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered. There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6039 | Threatened |
| Red Knot <i>Calidris canutus rufa</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1864 | Threatened |

Clams

| NAME | STATUS |
|---|------------|
| Scaleshell Mussel <i>Leptodea leptodon</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/5881 | Endangered |

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

PUBLIC INVOLVEMENT SYNOPSIS

Job Number 061509

Hwy. 367 – Hwy. 89 (Cabot) (Hwy. 321)

Lonoke County

Thursday, January 18, 2018

An open forum Public Involvement Meeting for the proposed widening of Hwy. 321 from Hwy. 367 to Hwy. 89 was held at Faith Missionary Baptist Church (Fellowship Hall), 301 Bill Foster Memorial Hwy E. in Cabot from 4:00 – 7:00 p.m. on Thursday, January 18, 2018. A Public Officials Meeting was held at 2 p.m. on the same day. Efforts to involve minorities and the public in the meetings included:

- Display advertisement placed in the *Arkansas Democrat Gazette* on Sunday, January 14, 2018 and *The Leader* on Wednesday, January 10, 2018 and Wednesday, January 17, 2018.
- Public Service Announcement (PSA) ran on Cumulus Power 92.3 FM from Monday, January 15, 2018 through Thursday, January 18, 2018.
- Outreach letters mailed to Public Officials.
- Distribution of flyers in the project area.

The following information was available at the meetings for review and comment:

- Preliminary design of the proposed project at a scale of 1" = 100'.
- Aerial maps of the project area.

Handouts for both the Public Officials Meeting and the Public Involvement Meeting included a comment form and a small-scale map (1"=1,400') illustrating the project location. Copies of these are attached.

Table 1 summarizes participation at the Public Officials Meeting.

| TABLE 1 | |
|---|----------|
| Public Officials Meeting | Totals |
| Attendance at meeting (including ARDOT staff) | 24 |
| Comment forms received | 2 |
| Letters received | 1 |
| Total comments received | 3 |

The following is a compilation of comments received from the public officials concerning issues associated with this project:

- Cabot Mayor William “Bill” Cypert and Cabot City Council Public Works Committee Chairman-Eddie Long presented a letter representing the City’s comments on the project. Issues in the letter included their desire for development of an Access Management Plan, a cross-section of two lanes in each direction with center left turn lane, curb and gutter with sidewalks at select sections as outlined in the letter, and that intersection improvements at Lakewood Drive and Odom Boulevard could either be signalized or have roundabouts constructed at those locations.
- Cabot City Council Member-Damon Bivins expressed his preference on his comment form for the 5-lane without the median.
- Eddie Long expressed on his comment form that access should be allowed to all businesses.

Table 2 summarizes participation at the Public Involvement Meeting.

| TABLE 2 | |
|---|---------------|
| Public Involvement Meeting | Totals |
| Attendance at meeting (including ARDOT staff) | 77 |
| Comment forms received | 36 |
| Letters received | 3 |
| Total comments received | 39 |

An analysis of the responses received because of the Public Involvement Meeting is shown in Table 3 and further discussed in the following information.

| TABLE 3 | |
|---|---------------|
| Survey Results | Totals |
| Supports the proposed widening of Highway 321 | 36 |
| Does not support the widening of Highway 321 | 3 |
| Knowledge of historical, archeological or cemetery sites | 0 |
| No knowledge of historical, archeological or cemetery sites | 38 |
| Knowledge of area environmental constraints | 6 |
| No knowledge of area environmental constraints | 31 |

| TABLE 3 (Cont.) | |
|--|---------------|
| Survey Results | Totals |
| No response to knowledge of area environmental constraints | 2 |
| Home or property offers limitations to the project | 3 |
| Suggestions to better serve the needs of the community | 3 |
| Beneficial impacts due to the proposed project | 12 |
| Adverse impacts due to the proposed project | 16 |
| No response to beneficial/adverse impacts | 9 |

The following is a compilation of comments concerning issues associated with the project.

- Seven individuals wanted the project to consist of a 5-lane highway without a concrete median.
- Two individuals wanted to add sidewalks to the 5-lane highway without a concrete median.
- One individual wanted to see more median and curb cuts.
- The number of commenters indicated in parentheses suggested signalization at the following intersections: Lakewood (5); Odom Boulevard (1); 1st Street (1); Holland Bottom Farm (1).
- Two individuals wanted no stoplights.
- Three individuals wanted larger and additional drainage.
- Two individuals wanted a pedestrian /bike bridge at Lakewood.
- One individual wanted to set the speed limit to 45 mph.
- One individual wanted the project to extend to Highway 31.
- One individual wanted the 67/167 intersection to be improved.

A listing of general comments concerning the proposed project follows:

- "...the existence of a median greatly restricts commercial development."
- "Without stop lights, it will cause more accidents."
- "Loss of property and parking."
- "Beneficial for the entire community."
- "Farmland will be hurt by the turns you are planning."
- "Physically expanding roads does not cure congestion."
- "Please do NOT put up any additional traffic lights."
- "I am in favor of the raised barrier to divide the opposing flow of traffic."

- "...so glad to hear they are planning on adding sidewalks on both sides of Highway 321."

Attachments:

Public handouts, including blank comment form
Small-scale display copies

RJ RJ
DN DN

TT: fc

**ARKANSAS DEPARTMENT OF TRANSPORTATION (ARDOT)
CITIZEN COMMENT FORM**

**AHTD JOB NUMBER 061509
Hwy. 367 – Hwy. 89 (Cabot) (Hwy. 321)
LONOKE COUNTY**

**LOCATION:
FAITH MISSIONARY BAPTIST CHURCH
(FELLOWSHIP HALL)
301 BILL FOSTER MEMORIAL HWY E
CABOT, AR
4:00 – 7:00 P.M.
THURSDAY, JANUARY 18, 2018**

Make your comments on this form and leave it with ARDOT personnel at the meeting or mail it by 4:30 p.m. on **Friday, February 2, 2018** to: Arkansas Department of Transportation, Environmental Division, Post Office Box 2261, Little Rock, Arkansas 72203-2261. Email: environmentalpimeetings@ardot.gov.

Yes No

Do you feel there is a need for the proposed widening on Highway 321 (Bill Foster Memorial Highway) between Hwy. 367 and Hwy. 89 in Lonoke County? Comment (optional) _____

Do you know of any historical sites, family cemeteries, or archaeological sites in the project area? Please note and discuss with staff. _____

Do you know of any environmental constraints, such as endangered species, hazardous waste sites, existing or former landfills, or parks and public lands in the vicinity of the project? Please note and discuss with ARDOT staff. _____

Yes No

Does your home or property offer any limitations to the project, such as septic systems, that the Department needs to consider in its design? _____

Do you have a suggestion that would make this proposed project better serve the needs of the community? _____

Do you feel that the proposed improvements project will have any impacts (Beneficial or Adverse) on your property and/or community (economic, environmental, social, etc.)? Please explain. _____

It is often necessary for ARDOT to contact property owners along potential routes. If you are a property owner along or adjacent to the route under consideration, please provide information below. Thank you.

Name : _____ (Please Print)

Address: _____ Phone: (_____) _____ -- _____

E-mail: _____

Please make additional comments here. _____

For additional information, please visit our website at www.ardot.gov

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

ARDOT Job Number 061509 FAP Number STPC-9065(24)

Job Title Hwy. 367 – Hwy. 89 (Cabot)

| Environmental Resource | None | Minimal | Major | Comments-required for each item |
|--------------------------------|------|---------|-------|--|
| Air Quality | X | | | No impacts anticipated |
| Cultural Resources | X | | | SHPO Clearance enclosed |
| Economic | X | | | Will not be impacted by project |
| Endangered Species | X | | | No Effect on listed species |
| Environmental Justice/Title VI | X | | | No protected populations in project area |
| Fish and Wildlife | | X | | During construction |
| Floodplains | | X | | Zone A and AE |
| Forest Service Property | X | | | No Forest Service Property in project area |
| Hazardous Materials/Landfills | X | | | No hazardous materials in project area |
| Land Use | X | | | Will not be impacted by project |
| Migratory Birds | | X | | Migratory Bird SP included |
| Navigation/Coast Guard | X | | | No navigable waterways involved |
| Noise Levels | | X | | Noise Analysis enclosed |
| Prime Farmland | | X | | 0.16 acre, NRCS-CPA-106 enclosed |
| Protected Waters | X | | | None occur in project area |
| Public Recreation Lands | X | | | None in project area |
| Public Water Supply/WHPA | X | | | Wellhead Protection SP |
| Relocatees | | X | | 1 business relocation |
| Section 4(f)/6(f) | X | | | No 4(f) resources present |
| Social | X | | | No impacts to the social environment |
| Underground Storage Tanks | X | | | No UST's will be impacted |
| Visual | X | | | No changes to visual environment |
| Streams | | X | | 1,750' stream relocation |
| Water Quality | | X | | During construction |
| Wetlands | | X | | 2.51 acres of wetland impacts |
| Wildlife Refuges | X | | | None in the area |

Section 401 Water Quality Certification Required? No
 Short-term Activity Authorization Required? Yes
 Section 404 Permit Required? Yes Type NW23

Remarks:

Stream Mitigation and Wetland Mitigation will be required.

Signature of Evaluator  Date August 16, 2018

ROADWAY DESIGN REQUEST

Job Number 061509 FAP No. _____ County Lonoke

Job Name Hwy. 367 – Hwy. 89 (Cabot) (S)

Design Engineer Stephen Sichmeller Environmental Staff _____

Brief Project Description Widen to five lanes curb and gutter

A. Existing Conditions:

Roadway Width: 40' - 46' Shoulder Type/Width: Paved, 4' – 8'

Number of Lanes and Width: (1), (2) Existing Right-of-Way: 115'

Sidewalks? No Location: n/a Width: n/a

Bike Lanes? NO Location: n/a Width: n/a

B. Proposed Conditions:

Roadway Width: 58' – 68' Shoulder Type/Width: C.C.C.&G.

Number of Lanes and Width: (3), (4) Proposed Right-of-Way: 150'

Sidewalks? Yes Location: Lt. & Rt. Width: 5'

Bike Lanes? No Location: n/a Width: n/a

C. Construction Information:

If detour: Where: n/a Length: n/a

D. Design Traffic Data:

2018 ADT: 17500 2038 ADT: 23000 % Trucks: 5
Design Speed: 45 m.p.h.

E. Approximate total length of project: 3.23 mile(s)

F. Justification for proposed improvements: Increase Capacity

G. Total Relocates: _____ Residences: _____ Businesses: _____

H. Have you coordinated with any outside agencies (e.g., FHWA, City, County, etc.)? _____

| Agency/Official | Person Contacted | Date |
|-----------------|------------------|------|
| | | |
| | | |
| | | |

(1) 2-11', 1-12'

(2) 2-12'

(3) 4-11', 1-12' – Sta. 198+10.79 to Sta. 257+00.00 & Sta. 279+00.00 to Sta. 368+56.71

(4) 4-12', 16' raised median – Sta. 257+00.00 to Sta. 279+00.00



DEPARTMENT OF THE ARMY
LITTLE ROCK DISTRICT, CORPS OF ENGINEERS
POST OFFICE BOX 867
LITTLE ROCK, ARKANSAS 72203-0867
www.swl.usace.army.mil

May 31, 2019

Regulatory Division

NATIONWIDE PERMIT NO. **MVK 2019-00357**

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

Dear Mr. Fleming:

Please refer to your recent request concerning Department of the Army permit requirements pursuant to Section 404 of the Clean Water Act. You requested authorization for the placement of dredged and fill material in waters of the United States associated with widening 3.2 miles of roadway in Cabot. The existing highway consists of two 12-foot-wide travel lanes. Proposed improvements include four 11-foot-wide travel lanes with a 12-foot-wide turn lane. The project will cross White Oak Branch, Two Prairie Bayou and three unnamed tributaries. The bridge over White Oak Branch will be replaced. The bridge over Two Prairie Bayou will be retained and widened, and the box culvert will be extended. Approximately 2.51 acres of wetlands adjacent to White Oak Branch and Two Prairie Bayou will be adversely impacted. A new bridge will be constructed adjacent to the existing bridge over the unnamed tributary that runs alongside the levee and railroad. ArDOT will relocate the two easternmost unnamed tributaries and extend or construct pipe culverts permanently impacting approximately 1,750 linear feet. These two unnamed tributaries run parallel to the existing roadway. ArDOT will relocate the two streams adjacent to the widened roadway. No stream length will be lost. There are no endangered species or cultural resources impacts. The project was approved as a Tier 3 Categorical Exclusion by the FHWA on August 29, 2018. The project is located on State Highway 321 in the City of Cabot, in sections 25, 26, 27, T. 4 N., R. 4 W., and in section 30, T. 4 N., R., 9 W., Lonoke County, Arkansas. A vicinity map, project location map and wetland credits worksheet are enclosed.

The proposed activities are authorized by Department of the Army Nationwide Permit (NWP) **No. 23** (copy enclosed), provided that the following **Special Conditions** and General Conditions therein are met. For your convenience, we have highlighted the General Conditions of the NWP that are the most pertinent to your project. You should become familiar with the conditions and maintain a copy of the permit at the worksite for ready reference. If changes are proposed in the design or location of the project, you should submit revised plans to this office for approval before construction of the change begins.

Special Conditions:

- 1. ArDOT agrees to mitigate for the adverse impacts to 2.51 acres of wetlands with 21.95 wetland credits from an approved mitigation bank. ArDOT will provide documentation of the mitigation bank transaction to the U.S. Army Corps of Engineers Little Rock District Transportation Program Manager.**
- 2. ArDOT agrees to mitigate for the adverse impacts to the 1,750 linear feet of two unnamed tributaries with construction of two similarly sized roadside channels. The new roadside channels will not be piped or concrete lined.**

Please pay particular attention to General Condition No. 12 which stipulates that appropriate erosion and siltation controls be used during construction and all exposed soil be permanently stabilized. Erosion control measures must be implemented before, during and after construction.

For your information, we have enclosed a copy of the Arkansas Department of Environmental Quality (ADEQ) Section 401 Water Quality Certification conditions, which are conditions of your permit. If you have any questions concerning compliance with the conditions of the 401 certification, you should contact Ms. Melanie Treat or Mr. Jim Wise at the ADEQ, Water Division, 5301 Northshore Drive, North Little Rock, Arkansas 72118, telephone (501) 682-0040.

Also, in order to fully comply with the conditions of the NWP, you must submit the enclosed compliance certification within 30 days of completion of the project. This is required pursuant to General Condition No. 30 of the permit.

The NWP determination will be valid until March 18, 2022. If NWP No. 23 is modified, suspended, or revoked during this period, your project may not be authorized unless you have begun or are under contract to begin the project. If work has started or the work is under contract, you would then have twelve (12) months to complete the work.

Your cooperation in the Regulatory Program is appreciated. If you have any additional questions about this permit or any of its provisions, please contact Mr. Johnny McLean at (501) 324-5295 and refer to Permit No. **MVK 2019-00357, State Highway 321 widening in the City of Cabot (ArDOT Project No. 061509).**

Sincerely,


for Sarah Chitwood
Chief, Regulatory Evaluation Branch

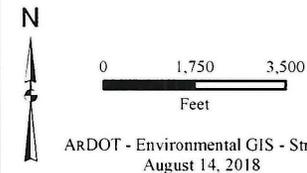
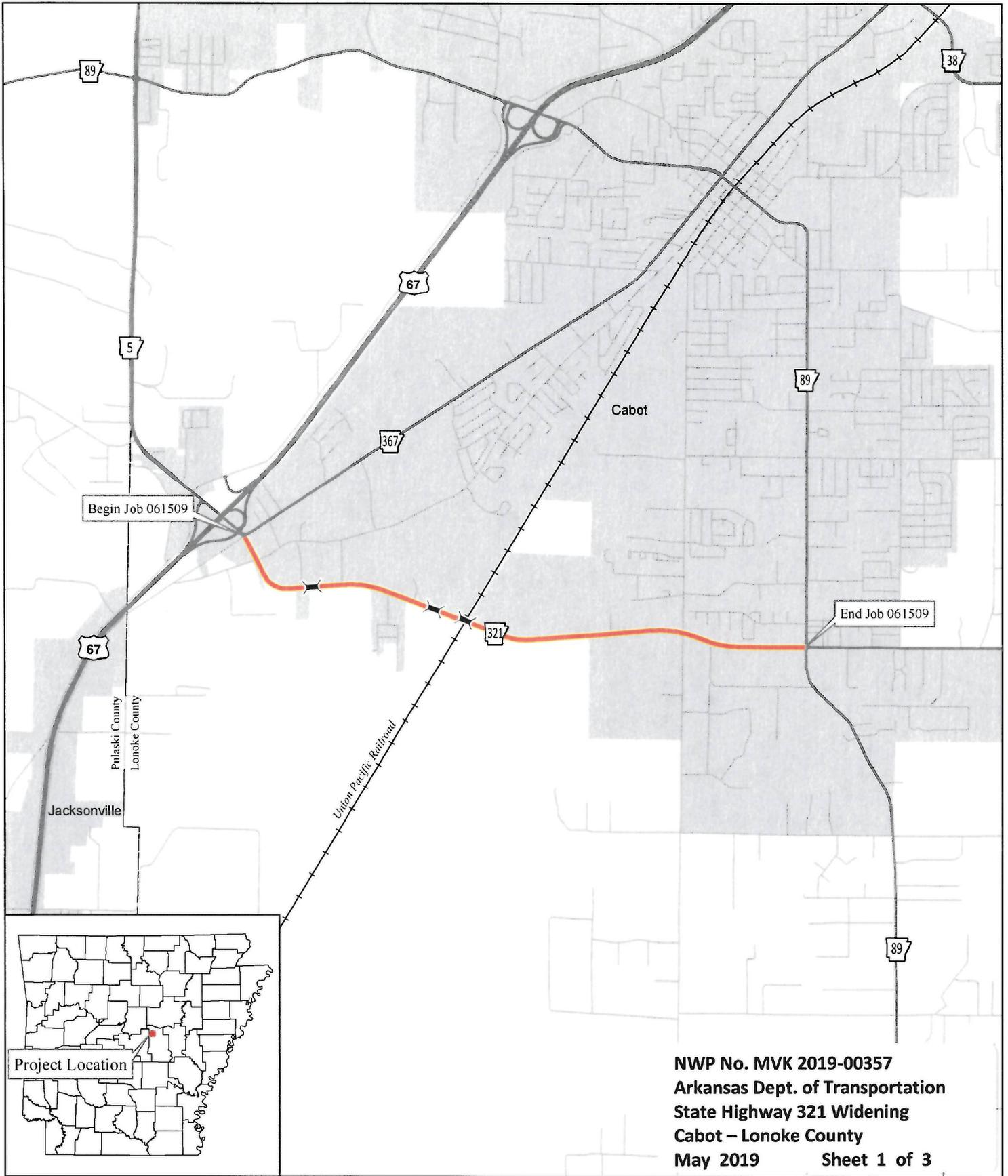
Enclosures

Copy Furnished:

Vicksburg District Regulatory, w/cy encls.

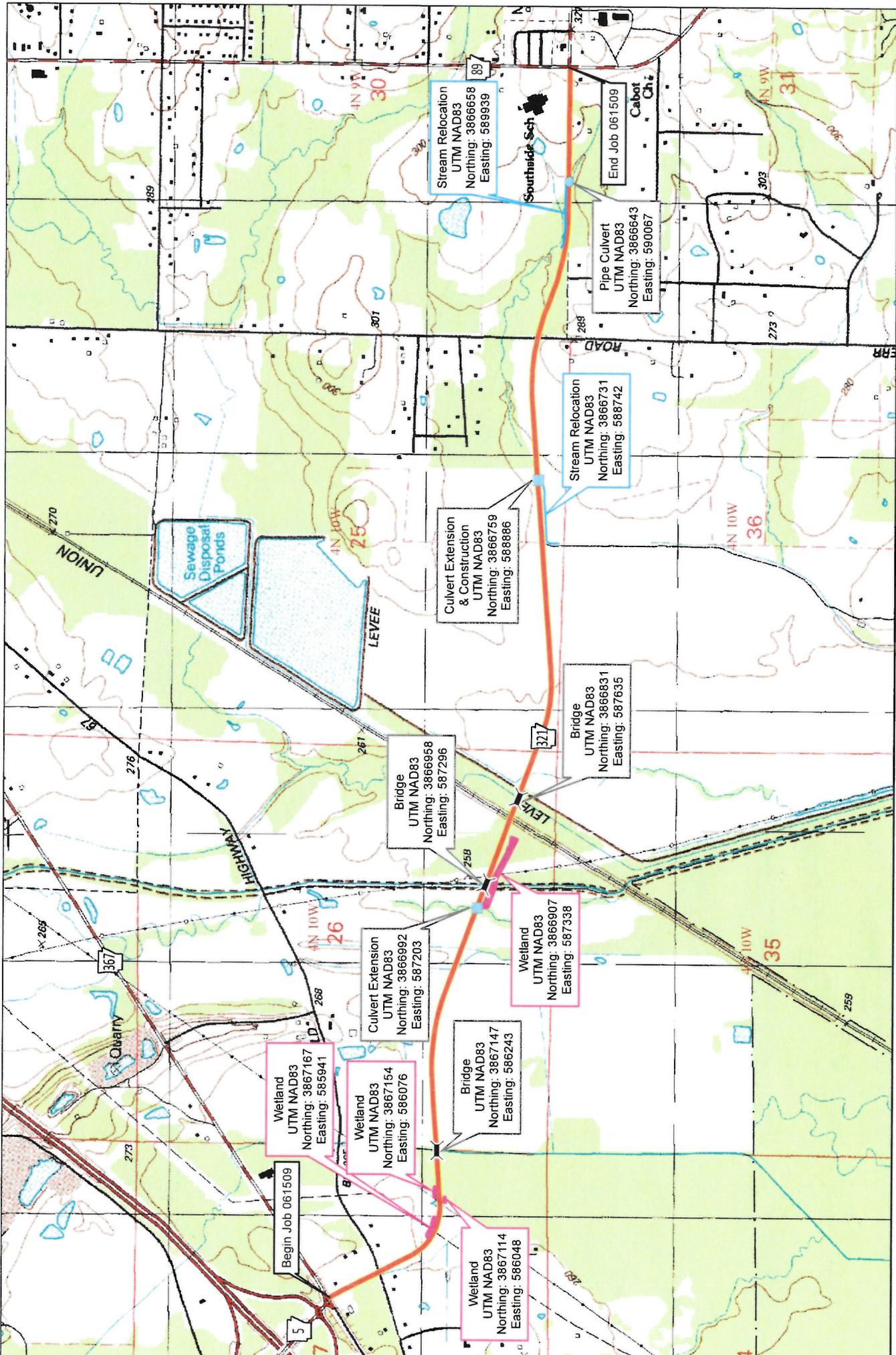
Ms. Melanie Treat, Arkansas Department of Environmental Quality, w/cy encls.

Mr. Lindsey Lewis, U.S. Fish & Wildlife Service, w/cy encls.



Job 061509
 Hwy. 367 - Hwy. 89
 (Cabot) (Hwy. 321)
 Lonoke County

 Project Location

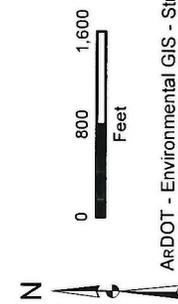


Sheet 2 of 3

Project Location

USGS Topographic Map: Cabot 1988

Job 061509
 Hwy. 367 - Hwy. 89
 (Cabot) (Hwy. 321)
 Lenoire County



Required Wetland Mitigation Credit Table and Worksheet



TIP: Leave cursor over each factor or option below to pop-up helpful information or definitions.

| Required Wetland Mitigation Credit Table | | | | | | |
|--|----------------------|--------------------------|-------------------------|---------------------------|----------------------|-------------------------|
| FACTORS | OPTIONS | | | | | |
| Lost Type | Type C 0.2 | | Type B 2.0 | | Type A 3.0 | |
| Priority Category | Tertiary 0.5 | | Secondary 1.5 | | Primary 2.0 | |
| Existing Condition | Very Impaired 0.1 | Impaired 1.0 | | Partially Impaired 2.0 | | Fully Functional 2.5 |
| Duration | 0 to 1 Year 0.2 | 1 to 3 Years 0.5 | 3 to 5 Years 1.0 | 5 to 10 Years 1.5 | Over 10 Years 2.0 | |
| Dominant Impact | Shade 0.2 | Clear 1.0 | Drain 2.0 | Dredge 2.5 | Impound/Flood 2.5 | Fill 3.0 |
| Cumulative Impact | < 0.25 Acre 0.1 | 0.25 - 0.99 Acres 0.2 | 1.0 - 2.99 Acres 0.5 | 3.0 - 9.99 Acres 1.0 | ≥ 10.0 Acres 2.0 | |

NOTE: The cumulative impact factor for the overall project should be included in the sum of factors for each impacted area on the Required Wetland Mitigation Credit Worksheet

| Required Wetland Mitigation Credit Worksheet | | | | | | |
|--|------------------|--------------------|--------------------|--------|--------|--------|
| FACTOR | AREA 1 | AREA 2 | AREA 3 | AREA 4 | AREA 5 | AREA 6 |
| Lost Type | Type B | Type A | Type A | | | |
| Priority Category | Tertiary | Tertiary | Tertiary | | | |
| Existing Condition | Impaired | Partially Impaired | Partially Impaired | | | |
| Duration | Over 10 Years | Over 10 Years | Over 10 Years | | | |
| Dominant Impact | Clear | Clear | Fill | | | |
| Cumulative Impact | 1.0 - 2.99 Acres | 1.0 - 2.99 Acres | 1.0 - 2.99 Acres | | | |
| Sum of Factors | 7 | 9 | 11 | | | |
| Impacted Area | 0.69 | 1.45 | 0.37 | | | |
| R x AA= | 4.83 | 13.05 | 4.07 | | | |

Required Wetland Mitigation Credits = $\Sigma (R \times A) =$ 21.95