

ARKANSAS STATE HIGHWAY  
AND  
TRANSPORTATION DEPARTMENT

Scott E. Bennett  
Director  
Telephone (501) 569-2000  
Voice/TTY 711



P.O. Box 2261  
Little Rock, Arkansas 72203-2261  
Telefax (501) 569-2400  
www.arkansashighways.com

December 15, 2016

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

Re: Job Number CA0201  
FAP Number ACNHPP-0002(32)  
Bridge Numbers M0775 and M0776  
LA. State Line-Hwy. 82 (Widening)(S)  
Ashley County  
Tier 3 Categorical Exclusion

Dear Mr. Correa:

The Environmental Division has reviewed the referenced project and it falls within the definition of the Tier 3 Categorical Exclusion as defined by the AHTD/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 425 to four lanes along with a painted median. The project length is 9.34 miles. It extends from the Louisiana State Line to Highway 82 in Ashley County. A project location map is enclosed.

Existing Highway 425 consists of two 11-foot paved travel lanes and 4-foot paved shoulders. The existing right of way width is approximately 120 feet.

Proposed improvements include four 12-foot wide paved travel lanes with 8-foot wide shoulders and an 11-foot painted median. The average additional right of way will be 160 feet.

Two existing bridges (Bridge #'s M0775 & M0776) will be replaced with box culverts as shown in the following table. Approximately 57 acres of additional right of way will be required.

Bridge Number	Stream	Sufficiency Rating	Existing Structure	Proposed Structure
M0775	Hanks Creek	72.7	26' x 88' Composite integral W-beam w/concrete deck	Sextuple 12'x 10'x 124' R.C. Box Culvert
M0776	West Creek	72.7	26' x 88' Composite integral W-beam w/concrete deck	Sextuple 12'x 9'x 130' R.C. Box Culvert

Design data for this project is as follows:

Design Year	Average Daily Traffic	Percent Trucks	Design Speed
2017	1,500	33	60 mph
2037	1,800	33	60 mph

The traffic noise estimates for the project resulted in a noise abatement distance of 77 feet from the centerline of Highway 425 in the project area. No sensitive receptors will be affected by future noise levels greater than 66 dB(A). A noise analysis is enclosed.

There are no relocations, endangered species, or Executive Order 12898 Environmental Justice issues associated with the project. Field inspections found no evidence of existing underground storage tanks or hazardous waste deposits. No impacts to cultural resources will occur; SHPO concurrence is enclosed. Approximately 46.5 acres of Prime Farmland will be converted to highway right of way. Form NRCS-CPA-106 is enclosed.

A public meeting was held for the proposed project on Tuesday, August 2, 2016. A public involvement synopsis is enclosed.

Construction of the proposed project will result in impacts to less than 0.5 acre of wetlands, nine ephemeral streams and seven intermittent streams. Construction activities include the replacement of bridges crossing West Creek and Hanks Creek with reinforced concrete box culverts. Impacts to the stream channels at each crossing are estimated to be less than 0.2 acre. Construction of this project should be allowed under terms of a Nationwide Permit Number 14 for Linear Transportation Projects as defined in the Federal Register 77(34):10183-10290.

Ashley County participates in the National Flood Insurance Program. All of the floodplain encroachments within this highway construction project will be designed to comply with the county's local flood damage prevention ordinance. The project lies within the 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.

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

Sincerely,

**APPROVED**  
  
Environmental Specialist  
Federal Highway Administration  
Date: 12/16/2016

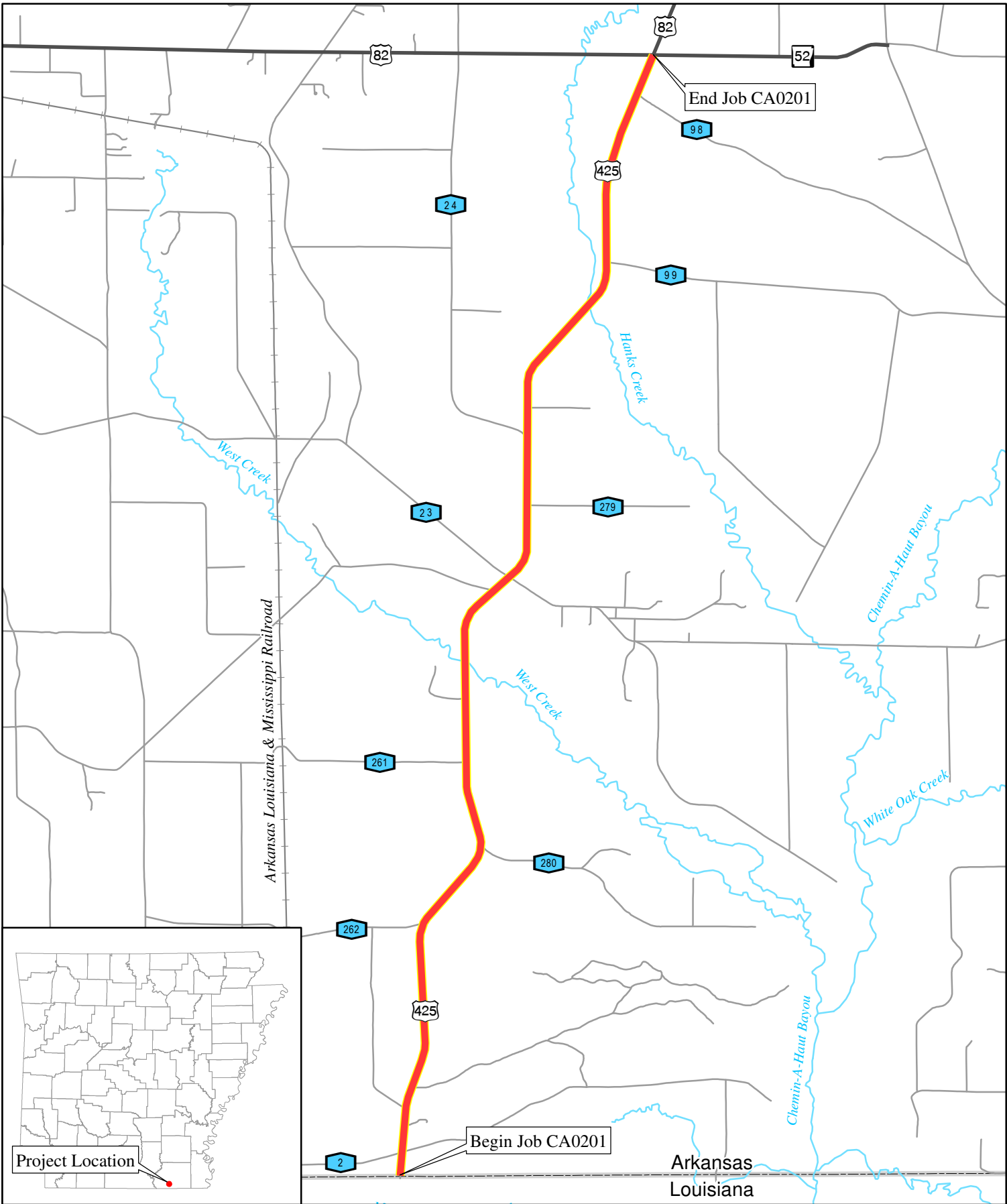


John Fleming  
Division Head  
Environmental Division

Enclosures

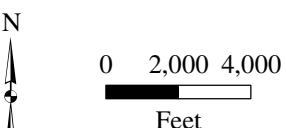
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c: Program Management  
Right of Way  
Roadway Design  
CAP Administrator  
District 2  
Master File



Project Location

Arkansas  
Louisiana



AHTD Environmental GIS - Dudley  
September 19, 2016

Job CA0201  
Louisiana State Line - Hwy. 82 (Widening)  
(Hwy. 425)  
Ashley County







THE DEPARTMENT OF ARKANSAS  
**HERITAGE**

Asa Hutchinson  
Governor

Stacy Hurst  
Director

December 2, 2016

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

RECEIVED  
AHTD

DEC 07 2016

ENVIRONMENTAL  
DIVISION

Arkansas Arts Council

Arkansas Natural  
Heritage Commission

Arkansas State Archives

Delta Cultural Center

Historic Arkansas Museum

Mosaic Templars  
Cultural Center

Old State House Museum

RE: Ashley County – General  
Section 106 Review – FHWA  
*Report Titled: A Cultural Resources Survey of AHTD Job Number  
CA0201, LA. State Line – Hwy. 82 (Widening)(S), Ashley County,  
Arkansas*  
AHTD Job Number CA0201  
AHPP Tracking Number 93845.01

Dear Mr. Fleming:

This letter is written in response to your inquiry regarding properties of architectural or historical significance in the area of the proposed referenced project. The staff of the Arkansas Historic Preservation Program has reviewed the documents included with your letter of November 18, 2016.

Based on the survey work conducted on portions of the two historic sites (3AS461 and 3AS462) that cross into the right of way (ROW), we concur that these portions are non-contributing. However, the portion outside the ROW will be considered unevaluated until further research can be conducted. We recommend a barrier be constructed to prevent work on this undertaking encroaching on the unevaluated area.

With that condition, we concur that this undertaking will have no adverse effect on historic properties.

Tribes that have expressed an interest in the area include: the Caddo Nation (Ms. Tamara Francis-Fourkiller), the Quapaw Tribe of Oklahoma (Mr. Everett Bandy) and the Shawnee Tribe of Oklahoma (Ms. Kim Jumper). We recommend that they be consulted 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, please call Tim Dodson of my staff at 501-324-9784.

Sincerely,

Frances McSwain  
Deputy State Historic Preservation Officer



ARKANSAS HISTORIC  
PRESERVATION PROGRAM



National Historic  
Preservation Act 1966-2016



1100 North Street  
Little Rock, AR 72201

(501) 324-9880  
fax: (501) 324-9184  
tdd: 711

e-mail:

[info@arkansaspreservation.org](mailto:info@arkansaspreservation.org)

website:

[www.arkansaspreservation.com](http://www.arkansaspreservation.com)

cc: Mr. Randall Looney, FHWA  
Dr. Andrea Hunter, Osage Nation  
Dr. Ann Early, Arkansas Archeological Survey

## **AHTD JOB NUMBER CA0201**

### **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, cemeteries 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 425 consisting of four 12-foot paved travel lanes, one 11-foot turn lane, and paved shoulder widths of 8 feet.

### ***Effects of Project***

The traffic noise estimates for the project resulted in a noise abatement distance of 77 feet from the centerline of Highway 425 in the project area. No sensitive receptors will be affected by future 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 AHTD'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.

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 Southeast Arkansas Economic Development District for possible use in present and future land use planning.


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

<b>PART I (To be completed by Federal Agency)</b> Job CA0201		3. Date of Land Evaluation Request 9/13/16	4. Sheet 1 of _____
1. Name of Project LA. State Line – Hwy. 82 (Widening) (S)	5. Federal Agency Involved FHWA		
2. Type of Project Highway Widening	6. County and State Ashley AR.		
<b>PART II (To be completed by NRCS)</b>		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				
B. Total Acres To Be Converted Indirectly, Or To Receive Services				
C. Total Acres In Corridor				
<b>PART IV (To be completed by NRCS) Land Evaluation Information</b>				
A. Total Acres Prime And Unique Farmland	46.5			
B. Total Acres Statewide And Local Important Farmland				
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				
<b>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)</b>				
<b>PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))</b>		Maximum Points		
1. Area in Nonurban Use	15	15		
2. Perimeter in Nonurban Use	10	10		
3. Percent Of Corridor Being Farmed	20	15		
4. Protection Provided By State And Local Government	20	0		
5. Size of Present Farm Unit Compared To Average	10	0		
6. Creation Of Nonfarmable Farmland	25	0		
7. Availability Of Farm Support Services	5	5		
8. On-Farm Investments	20	0		
9. Effects Of Conversion On Farm Support Services	25	0		
10. Compatibility With Existing Agricultural Use	10	0		
<b>TOTAL CORRIDOR ASSESSMENT POINTS</b>	<b>160</b>	<b>45</b>		
<b>PART VII (To be completed by Federal Agency)</b>				
Relative Value Of Farmland (From Part V)	100	100		
Total Corridor Assessment (From Part VI above or a local site assessment)	160	45		
<b>TOTAL POINTS (Total of above 2 lines)</b>	<b>260</b>	<b>145</b>		

1. Corridor Selected: <input type="checkbox"/> New <input checked="" type="checkbox"/> Existing Location Adjacent to existing	2. Total Acres of Farmlands to be Converted by Project: 46.5 acres of Prime Farmland	3. Date Of Selection:	4. Was A Local Site Assessment Used?  YES <input type="checkbox"/> NO <input type="checkbox"/>
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5. Reason For Selection:

Signature of Person Completing this Part:  DATE 12/15/16

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

# PUBLIC INVOLVEMENT SYNOPSIS

**Job Number CA0201**

**Louisiana State Line – Highway 82 (Widening)(Hwy. 425)**

**Ashley County**

**Tuesday, August 2, 2016**

An open forum public meeting for the proposed widening of Highway 425 was held at the Church of the Redeemer (Fellowship Hall) from 4:00 p.m. – 7:00 p.m. on Tuesday, August 2, 2016. Efforts to involve minorities and the public in the meeting included the following:

- Display advertisement placed in the *Ashley County Ledger* Wednesday, July 20, 2016 and Wednesday, July 27, 2016.
- Public Service Announcement to *Q-Lite KHMB 99.5* which aired on Thursday, July 28, 2016 through Tuesday, August 2, 2016.
- Outreach to Public Officials Letters.
- Distribution of flyers in the project area.

The following information was available for inspection and comment. Small-scale copies of the displays are attached.

- Aerial photograph illustrating the proposed project at a scale of 1 inch = 1,500 feet.
- Preliminary design of the proposed project at a scale of 1 inch = 100 feet.

Handouts for the public included a comment sheet and a small-scale map of the project location. Copies of these are attached.

Table 1 describes the results of the public participation at the meeting.

<b>TABLE 1</b>	
<b>Public Participation</b>	<b>Totals</b>
Attendance at meeting (including AHTD staff)	32
Comment forms received	12

*AHTD staff reviewed all comments received and evaluated their contents. The summary of comments listed below reflects the personal perception or opinion of the person or organization making the statement. The sequencing of the comments is random and is not intended to reflect importance or numerical values. Some of the comments were combined and/or paraphrased to simplify the synopsis process.*

An analysis of the responses received as a result of the public survey is shown in Table 2.

<b>TABLE 2</b>	
<b>Alternative Preferred</b>	<b>Totals</b>
Supports widening Highway 425	8
Does not support widening Highway 425	4
Knowledge of historical, archeological or cemetery sites	1
Knowledge of area environmental constraints	1

A listing of general comments concerning the proposed project follows:

- Most comments received were individual concerns such as loss of property and the depreciation of property value.
- Several property owners commented that it would be beneficial to widen to the side of the road where there are no houses rather than widen equally to both sides.
- Some respondents questioned the need for a four-lane highway and suggested that Highway 425 be repaired and more passing lanes be added.
- Several comments raised concerns about the use of culverts instead of bridges on this project due to the severe amount of flooding during heavy rain events.
- One individual reported a cemetery near the project.
- One individual reported the presence of an alligator in the pond south of the West Creek Bridge.

Attachments:

Public handouts, including blank comment form

Small-scale display copies

RJ: *RS*

DN: *DN*

SL:fc:cb

**ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT (AHTD)**

**CITIZEN COMMENT FORM**

**AHTD JOB NUMBER CA0201  
La. State Line-Highway 82 Widening (Hwy. 425)  
ASHLEY COUNTY**

**LOCATION:  
CHURCH OF THE REDEEMER  
2220 HIGHWAY 425 S.  
TUESDAY, AUGUST 2, 2016  
4:00 P.M. – 7:00 P.M.**

Make your comments on this form and leave it with AHTD personnel at the meeting or mail it within 15 days to: Arkansas State Highway and Transportation Department, Environmental Division, Post Office Box 2261, Little Rock, Arkansas 72203-2261.

Email: [environmentalpimeetings@ahtd.ar.gov](mailto:environmentalpimeetings@ahtd.ar.gov).

Yes  No

Do you feel there is a need to widen Highway 425 between the Louisiana State Line and Highway 82? Comment (optional) \_\_\_\_\_

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

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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 AHTD staff. \_\_\_\_\_

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

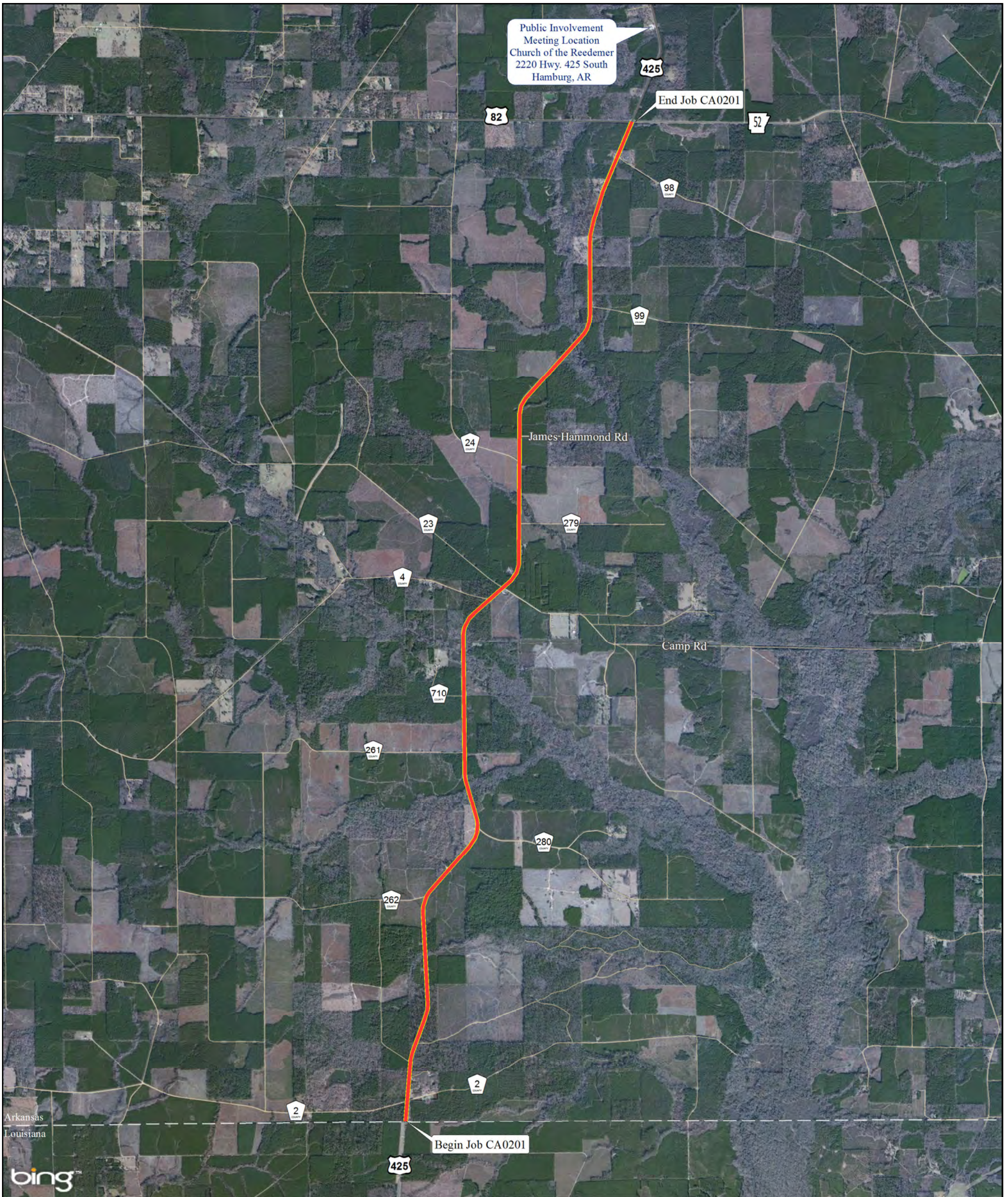
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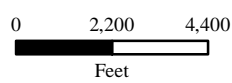








Arkansas  
Louisiana



Job CA0201  
La. State Line - Hwy. 82  
(Widening) (Hwy. 425)  
Ashley County

Preliminary  
Subject to Revision



AHTD-Environmental GIS-Hopkins  
Map Date - July 28, 2016  
Meeting Date - August 2, 2016  
Public Involvement Meeting Handout

Notes:

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# AHTD ENVIRONMENTAL IMPACTS ASSESSMENT FORM

AHTD Job Number CA0201 FAP Number ACNHPP-0002(32)  
 Job Title LA. State Line-Hwy. 82 (Widening)(S)

Environmental Impacts	None	Minor	Significant	Comments
Air Quality	X			
Construction Impacts		X		
Cultural Resources	X			Restraining Condition SP
Economic	X			
Endangered Species	X			
Energy Resources	X			
Environmental Justice/Title VI	X			
Fish and Wildlife	X			
Floodplains		X		
Forest Service Property	X			
Hazardous Materials/Landfills	X			
Land Use Impacts	X			
Migratory Birds		X		Bird SP
Navigation/Coast Guard	X			
Noise Levels	X			
Prime Farmland				
Protected Waters				
Public Recreation Lands	X			
Public Water Supply/WHPA		X		SP required.
Relocates	X			
Section 4(f)/6(f)	X			
Social	X			
Underground Storage Tanks	X			
Visual Impacts	X			
Stream Impacts		X		Replacing 2 bridges w/box culverts
Water Quality		X		Minor turbidity during construction
Wetlands		X		< 0.1 acres
Wildlife Refuges	X			

Section 401 Water Quality Certification Required?  N   
 Short-term Activity Authorization Required?  Y   
 Section 404 Permit Required?  Y  Type  NW14

Remarks: \_\_\_\_\_

Signature of Evaluator Sherry LeBlanc Date 12-15-2016

May 16, 2016

## ROADWAY DESIGN REQUEST

Job Number CA0201 FAP Number 9991 County Ashley  
Job Name LA State Line – HWY. 82 (WIDENING) (S)  
Design Engineer Crafton Tull and Associates Environmental Staff \_\_\_\_\_  
Brief Project Description: Widen to four lanes with center turn lane on Hwy. 425

A. Existing Conditions:

1. Roadway Width: 22'
2. Shoulder Width: 4'
3. Number of Lanes and Width: 2 lanes @ 11'
4. Existing Right-of-Way: Approx. 120'

B. Proposed Conditions:

1. Roadway Width: 59'
2. Shoulder Width: 8' paved
3. Number of Lanes and Width: 4 lanes @ 12', 1 center turn lane @ 11'
4. Average Right-of-Way: Approx. 160'

C. Construction Information:

If detour: Where:

D. Design Data:

**2017** ADT: 1,500 **2037** ADT: 1,800 Trucks 33%

Design Speed: 60 m.p.h.

E. Approximate total length of project: 9.34 mile(s)

F. Justification for proposed improvements: Increase Capacity

G. Total Relocates: 0 Residences: 0 Businesses: 0

H. Have you coordinated with any of the following: (Provide name and date)

City and or County Officials: \_\_\_\_\_

State Agency: \_\_\_\_\_

Federal Agency: \_\_\_\_\_



REPLY TO  
ATTENTION OF

**DEPARTMENT OF THE ARMY**  
LITTLE ROCK DISTRICT, CORPS OF ENGINEERS  
POST OFFICE BOX 867  
LITTLE ROCK, ARKANSAS 72203-0867  
[www.swl.usace.army.mil/](http://www.swl.usace.army.mil/)

February 1, 2018

Regulatory Division

**NATIONWIDE PERMIT NO. MVK 2018-00092**

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 9.3 miles of U.S. Highway 425 from two lanes to four lanes. Proposed improvements include four 12-foot-wide travel lanes, 8-foot-wide shoulders and 11-foot-wide painted median. The project will be constructed on existing alignment and will cross sixteen streams. Named streams include Hanks Creek and West Creek, the other fourteen streams are unnamed. The project will replace the bridges over Hanks Creek, West Creek and one unnamed stream with concrete box culverts. The culverts at all other stream crossings will be retained and extended to accommodate embankment widening. Impacts at all stream crossings will be less than 0.1 acres. A total of 0.2 acres of wetlands will be adversely impacted by the project. Approximately 57 acres of additional right-of-way will be required for the project. There are no endangered species or cultural resources impacts.

The project was approved by the ArDOT and Federal Highway Administration as a Tier 3 Categorical Exclusion on December 16, 2016. Approximately 0.5 miles of the project will be constructed in Louisiana and 8.8 miles will be constructed in Arkansas. Through a cooperative agreement with the Louisiana Department of Transportation, ArDOT will oversee all construction. The project is located approximately five miles southeast of Crossett in section 9, T. 23 N., R. 6 E., Morehouse Parish, Louisiana, in sections 5, 8, 17, 20, 29, 31, and 32, T. 19 S., R. 7 W., and in sections 21, 28, 32 and 33, T. 18 S., R. 7 W., Ashley County, Arkansas. A vicinity map, project location maps and wetland impacts 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 Condition** 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 Condition:**

- 1. The ArDOT agrees to mitigate for the adverse impacts to 0.2 acres of wetlands with 2.0 wetland credits at an approved mitigation bank before construction of the project begins. The ArDOT will provide documentation of the mitigation bank transaction to the U.S. Army Corps of Engineers Little Rock District Transportation Program Manager.**

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.

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.

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. Lazendra Hairston at the ADEQ, Water Division, 5301 Northshore Drive, North Little Rock, Arkansas 72118, telephone (501) 682-0645. We have also enclosed a copy of the Louisiana Department of Environmental Quality Section 401 certification. If you have any questions regarding this certification, you should contact Ms. Elizabeth Hill at (225) 219-3225, or by email at [Elizabeth.Hill@La.gov](mailto:Elizabeth.Hill@La.gov).

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 2018-00092, U.S. Highway 425 widening southeast of Crossett (ArDOT Project No. CA0201).**

Sincerely,



Sarah Chitwood  
Chief, Regulatory Evaluation Branch

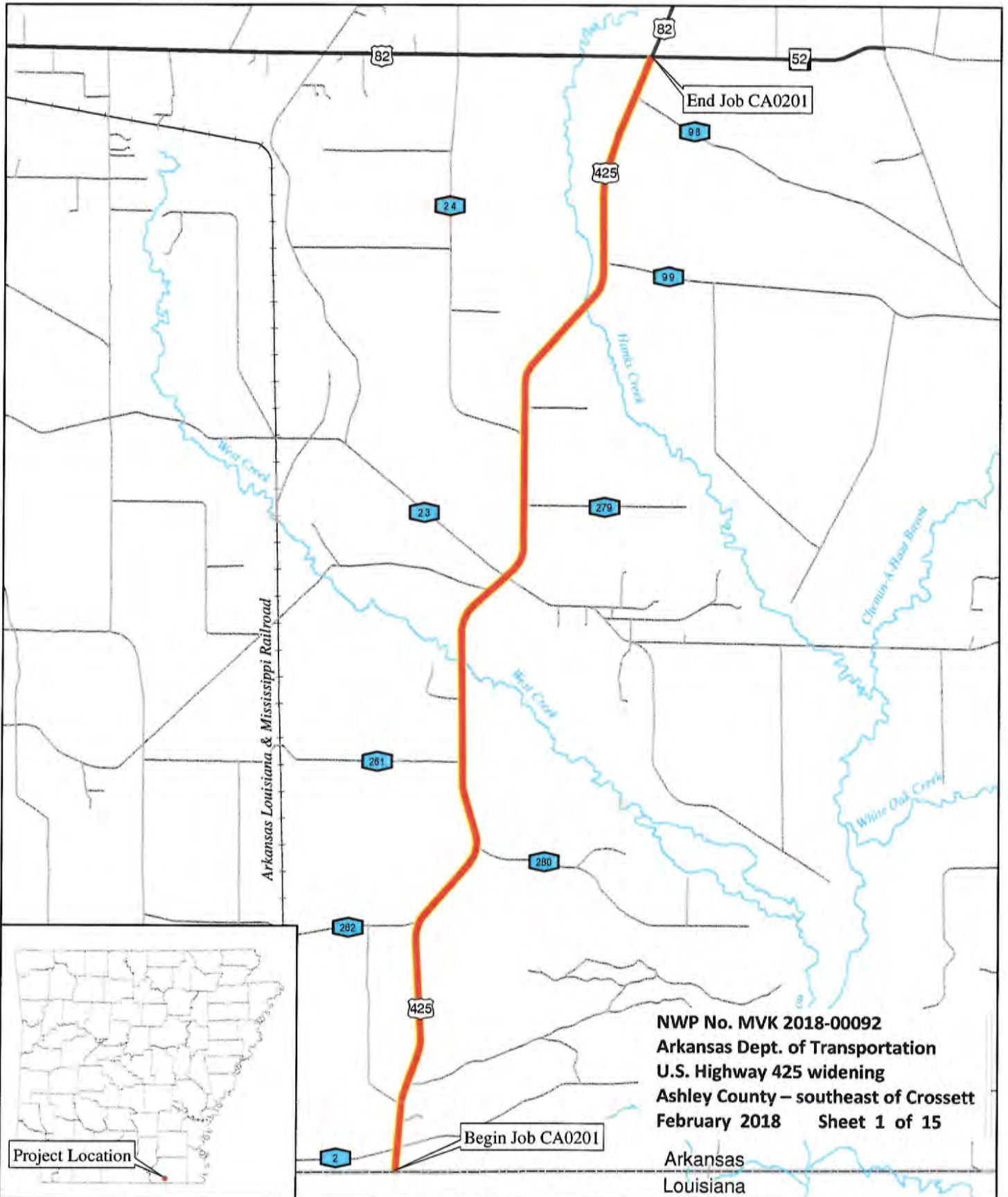
Copy Furnished:

Vicksburg District Regulatory, w/cy dwgs

Ms. Lazendra Hairston, Arkansas Department of Environmental Quality, w/cy dwgs

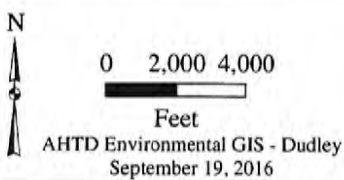
Mr. Lindsey Lewis, U.S. Fish & Wildlife Service, w/cy dwgs

Ms. Elizabeth Hill, Louisiana Department of Environmental Quality, w/cy dwgs

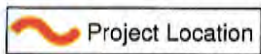


NWP No. MVK 2018-00092  
 Arkansas Dept. of Transportation  
 U.S. Highway 425 widening  
 Ashley County – southeast of Crossett  
 February 2018 Sheet 1 of 15

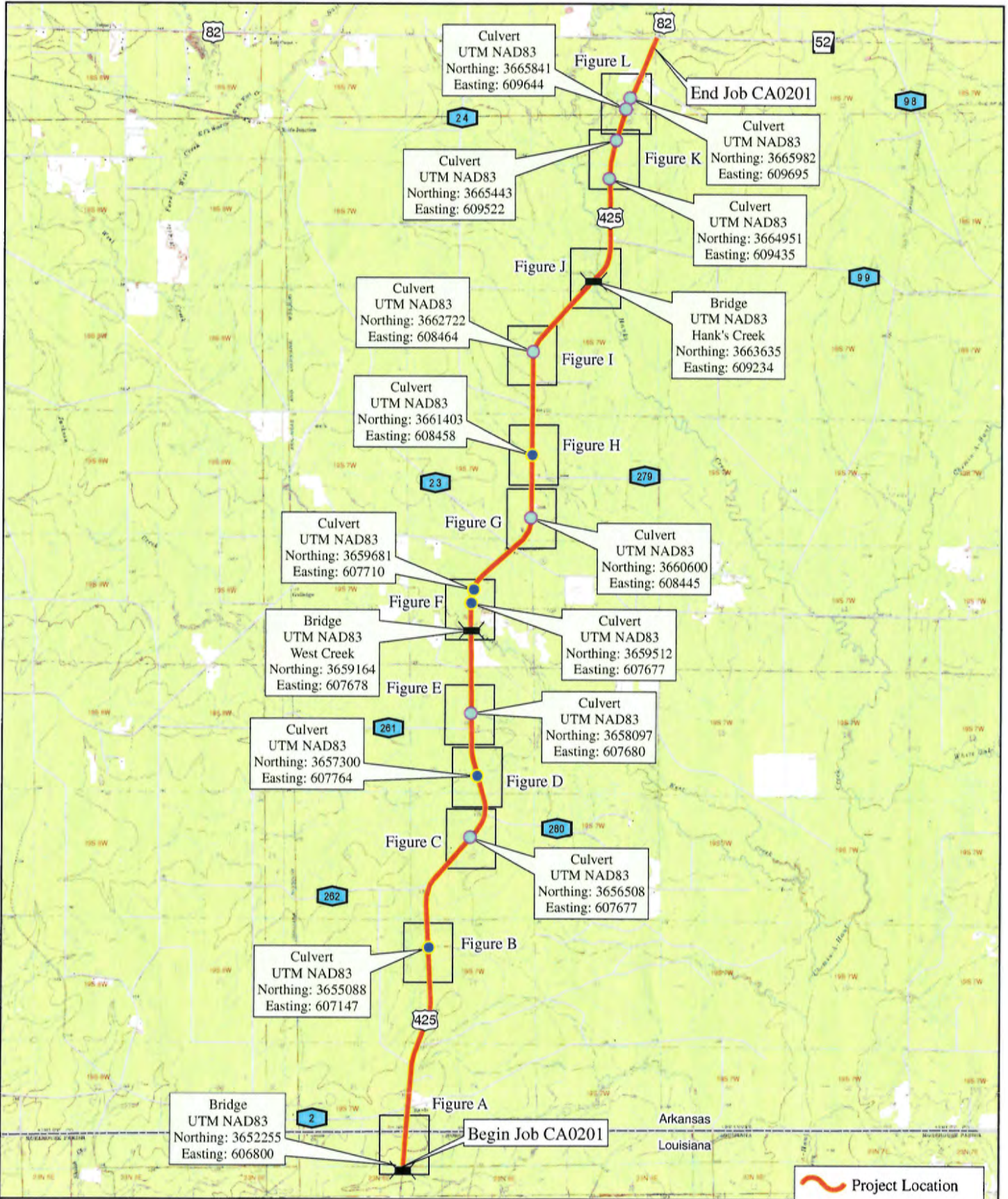
Arkansas  
 Louisiana



Job CA0201  
 Louisiana State Line - Hwy. 82 (Widening)  
 (Hwy. 425)  
 Ashley County







Bridge  
UTM NAD83  
Northing: 3652255  
Easting: 606800

Figure A

Begin Job CA0201

Culvert  
UTM NAD83  
Northing: 3655088  
Easting: 607147

Figure B

Culvert  
UTM NAD83  
Northing: 3657300  
Easting: 607764

Figure C

Bridge  
UTM NAD83  
West Creek  
Northing: 3659164  
Easting: 607678

Figure D

Culvert  
UTM NAD83  
Northing: 3659681  
Easting: 607710

Figure E

Culvert  
UTM NAD83  
Northing: 3661403  
Easting: 608458

Figure F

Culvert  
UTM NAD83  
Northing: 3662722  
Easting: 608464

Figure G

Bridge  
UTM NAD83  
Hank's Creek  
Northing: 3663635  
Easting: 609234

Figure H

Culvert  
UTM NAD83  
Northing: 3664951  
Easting: 609435

Figure I

Culvert  
UTM NAD83  
Northing: 3665443  
Easting: 609522

Figure J

Culvert  
UTM NAD83  
Northing: 3665982  
Easting: 609695

Figure K

Culvert  
UTM NAD83  
Northing: 3665841  
Easting: 609644

Figure L

End Job CA0201

N

0 2,500 5,000  
Feet

AHTD Environmental GIS - Dudley  
July 18, 2017

Index  
Job CA0201  
Louisiana State Line - Hwy. 82  
(Widening) (Hwy. 425)  
Ashley County

Project Location

Ephemeral Stream

Intermittent Stream

Bridge

USGS Topographic Maps:  
Berlin 1973; Hamburg 1973



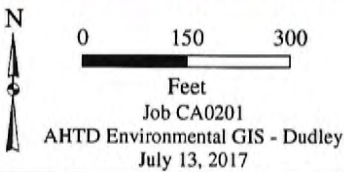
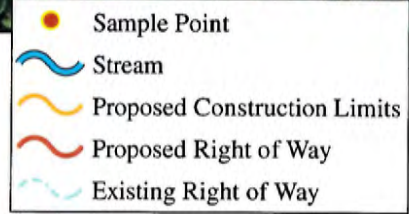


Figure A









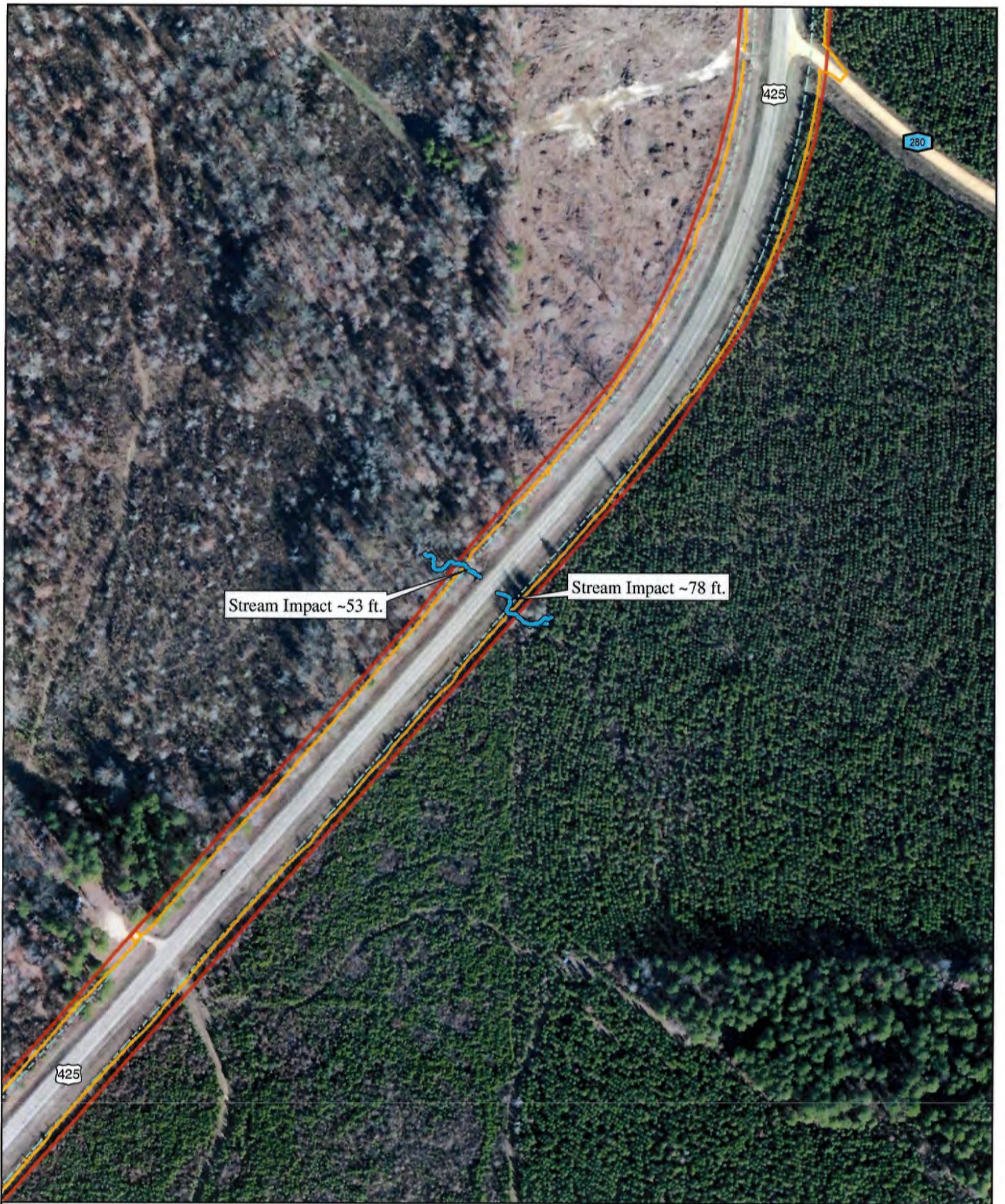


N  
 0 150 300  
 Feet  
 Job CA0201  
 AHTD Environmental GIS - Dudley  
 May 26, 2017

Figure B

-  Stream
-  Proposed Construction Limits
-  Proposed Right of Way
-  Existing Right of Way





Stream Impact ~53 ft.

Stream Impact ~78 ft.

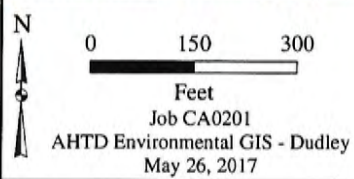
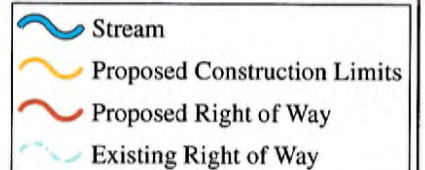
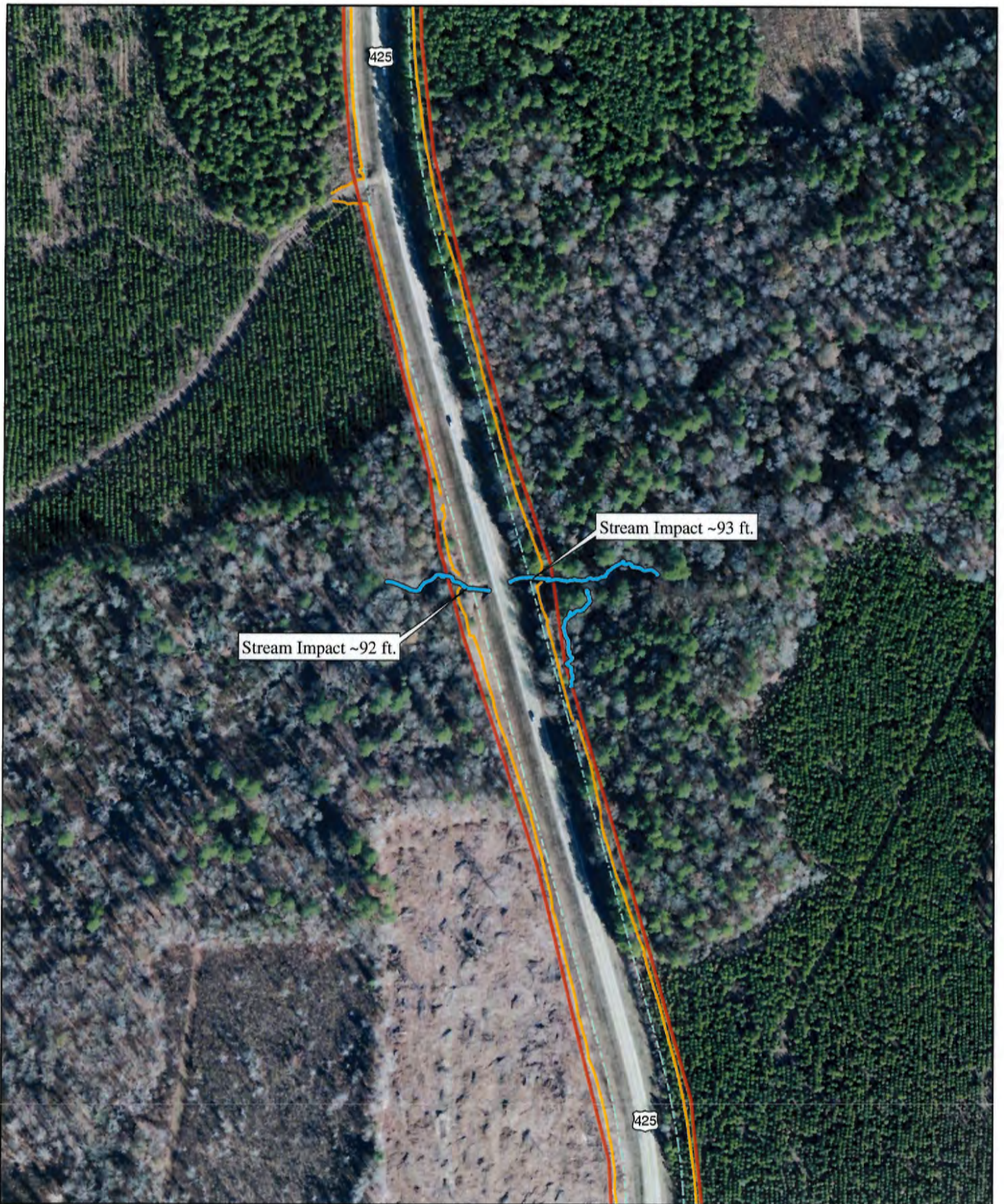


Figure C











N  
 0 150 300  
 Feet  
 Job CA0201  
 AHTD Environmental GIS - Dudley  
 May 26, 2017

Figure D

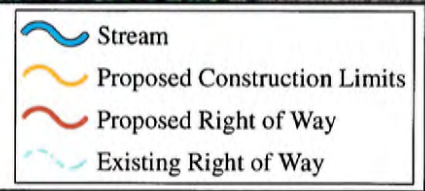
-  Stream
-  Proposed Construction Limits
-  Proposed Right of Way
-  Existing Right of Way



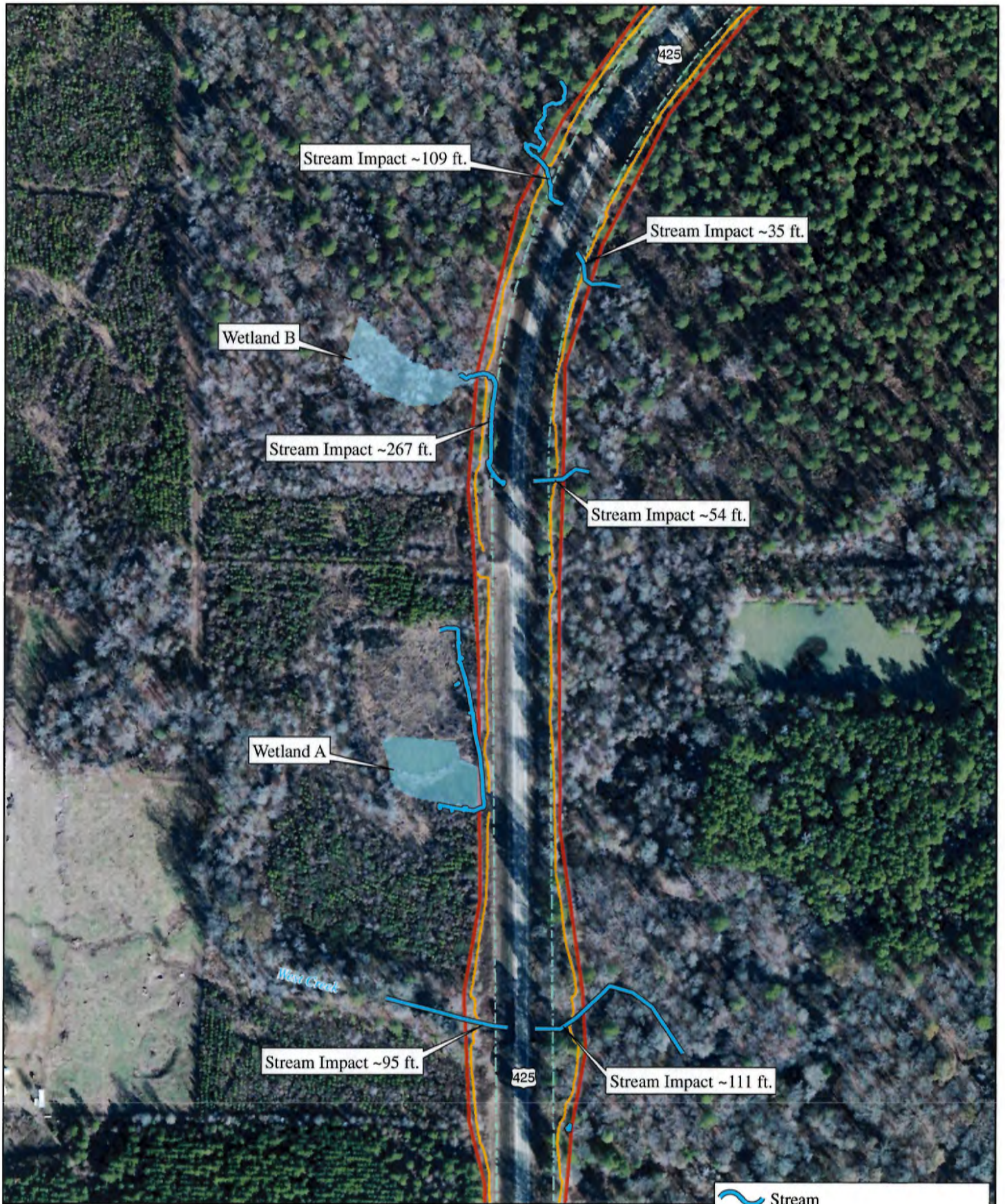


N  
 0 150 300  
 Feet  
 Job CA0201  
 AHTD Environmental GIS - Dudley  
 May 26, 2017

Figure E












N  
 0 150 300  
 Feet  
 Job CA0201  
 AHTD Environmental GIS - Dudley  
 May 26, 2017

Figure F





-  Stream
-  Wetland
-  Proposed Construction Limits
-  Proposed Right of Way
-  Existing Right of Way





N  
 0 150 300  
 Feet  
 Job CA0201  
 AHTD Environmental GIS - Dudley  
 May 26, 2017

Figure G

-  Stream
-  Proposed Construction Limits
-  Proposed Right of Way
-  Existing Right of Way









Stream Impact ~82 ft.

Stream Impact ~78 ft.

N  
 0 150 300  
 Feet  
 Job CA0201  
 AHTD Environmental GIS - Dudley  
 May 26, 2017

Figure H

-  Stream
-  Proposed Construction Limits
-  Proposed Right of Way
-  Existing Right of Way



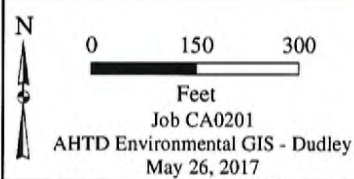
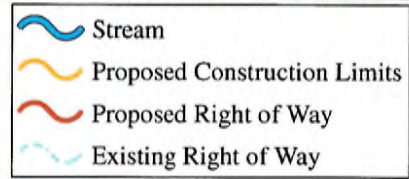
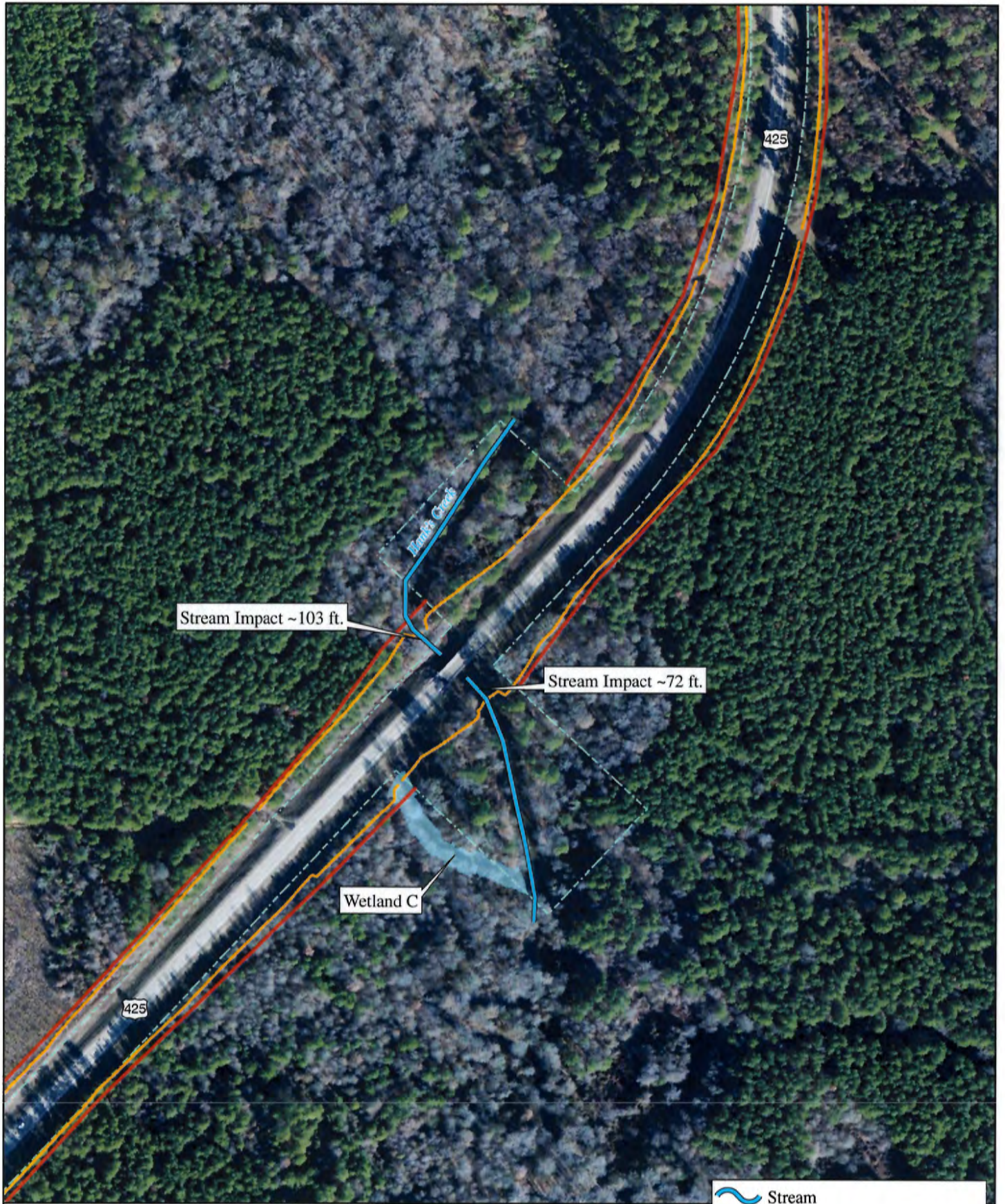


Figure I







Stream Impact ~103 ft.






Stream Impact ~72 ft.

Wetland C

Franklin County

425

425

-  Stream
-  Wetland
-  Proposed Construction Limits
-  Proposed Right of Way
-  Existing Right of Way

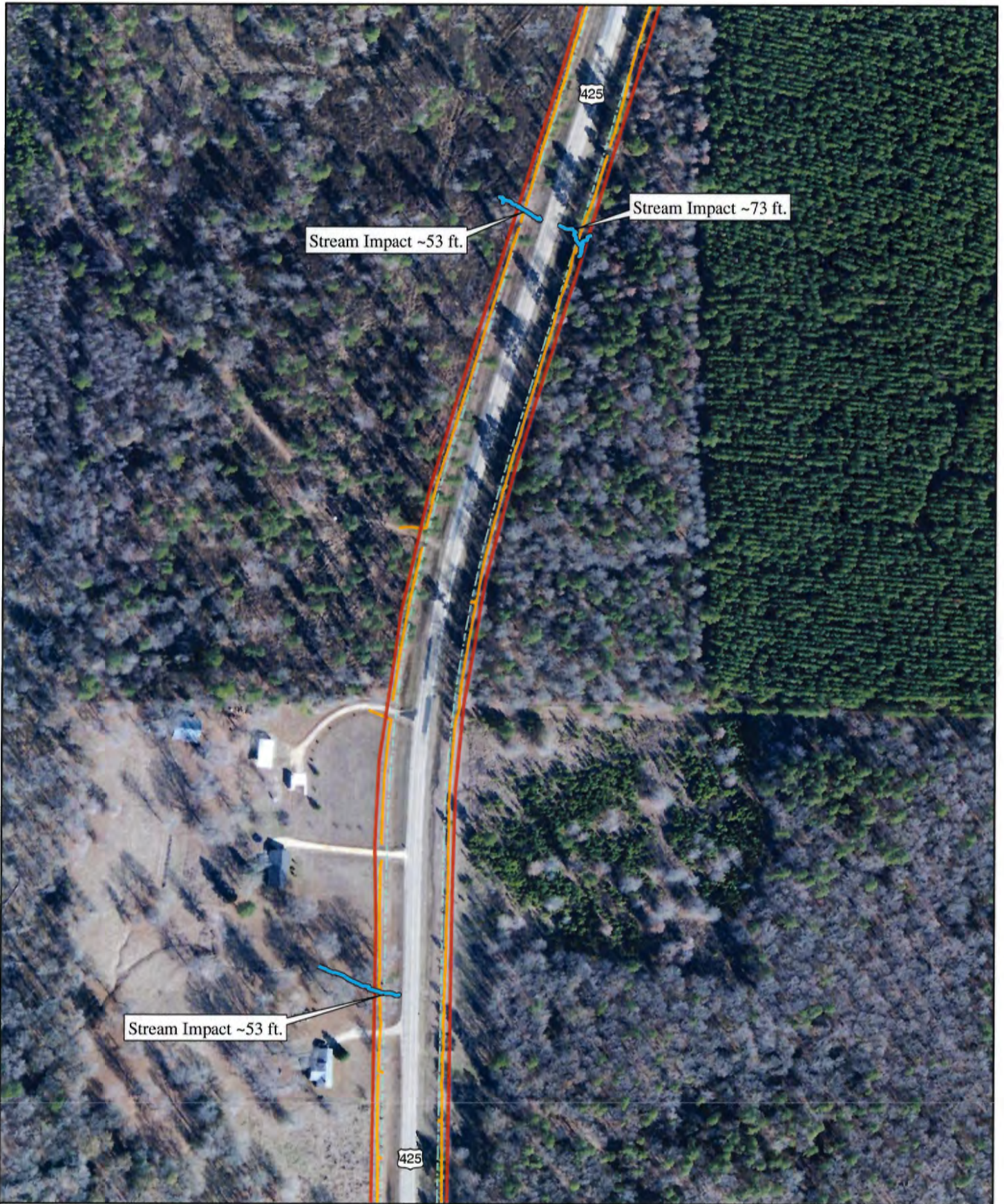


0 150 300  
Feet

Job CA0201  
AHTD Environmental GIS - Dudley  
May 26, 2017





Figure J



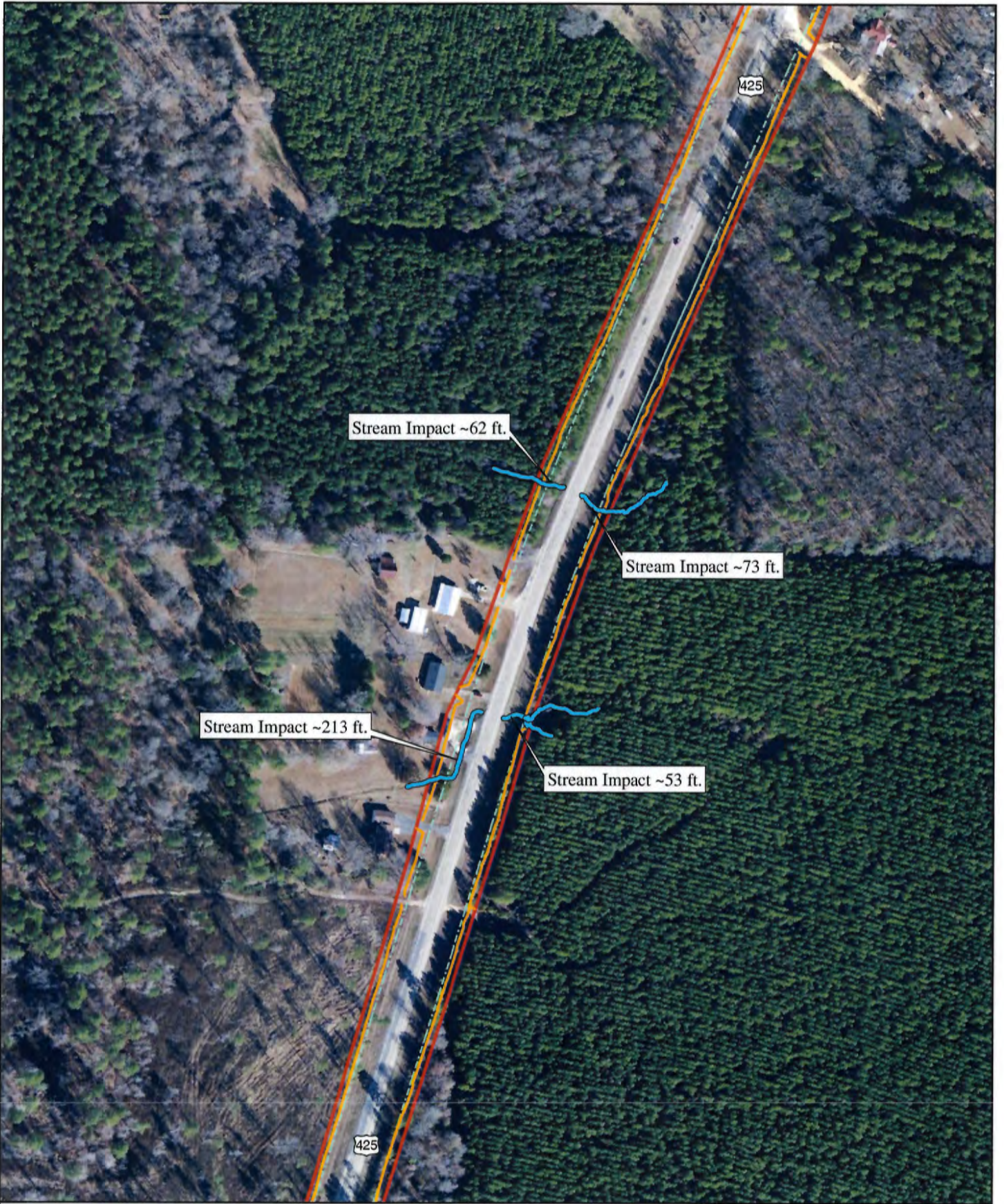


N  
 0 150 300  
 Feet  
 Job CA0201  
 AHTD Environmental GIS - Dudley  
 May 26, 2017

Figure K





-  Stream
-  Proposed Construction Limits
-  Proposed Right of Way
-  Existing Right of Way





N  
 0 150 300  
 Feet  
 Job CA0201  
 AHTD Environmental GIS - Dudley  
 May 26, 2017

Figure L

-  Stream
-  Proposed Construction Limits
-  Proposed Right of Way
-  Existing Right of Way



**Determination of Wetland Credits  
Working Draft, Subject to Change  
Last Revised, October 7, 2010**

**4.0 TABLES AND WORKSHEETS**

**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	3.0	0.2	3.0	3.0		
Priority Category	0.5	0.5	0.5	0.5		
Existing Condition	2.5	0.1	2.5	2.5		
Duration	2.0	1.0	2.0	2.0		
Dominant Impact	3.0	1.0	1.0	3.0		
Cumulative Impact	0.1	0.1	0.1	0.1		
Sum of Factors	R <sub>1</sub> = 11.1	R <sub>2</sub> = 2.9	R <sub>3</sub> = 9.1	R <sub>4</sub> = 11.1	R <sub>5</sub> =	R <sub>6</sub> =
Impacted Area	A <sub>1</sub> = 0.11	A <sub>2</sub> = 0.03	A <sub>3</sub> = 0.01	A <sub>4</sub> = 0.05	A <sub>5</sub> =	A <sub>6</sub> =
R x AA=	1.2	0.1	0.1	0.6		

**Required Wetland Mitigation Credits =  $\Sigma$  (R x A) =** 2.0



**MAR 16 2017**

Colonel Robert G. Dixon  
District Commander  
U.S. Army Corps of Engineers  
P.O. Box 867  
Little Rock, Arkansas 72203-0867

RE: Public Notice: Re-issuance of Nationwide Permits

Dear Colonel Dixon:

The Arkansas Department of Environmental Quality (ADEQ) has completed its review of the above referenced public notice for re-issuance of the U.S. Army Corps of Engineers Nationwide Permits (NWP) for the State of Arkansas.

ADEQ has determined that there is a reasonable assurance that the activities covered under most these NWPs will be conducted in a manner which, according to the Arkansas Pollution Control and Ecology Commission's Regulation No.2, will not physically alter a significant segment of the waterbody and will not violate the water quality criteria.

Therefore, pursuant to §401(a)(1) of the Clean Water Act, the ADEQ hereby issues water quality certification for all NWPs with the exception of NWPs 14, 29, and 43, contingent upon the following conditions:

- 1) An individual water quality certification request must be submitted to ADEQ for Activities which may impact Extraordinary Resource Waters, Ecologically Sensitive Waterbodies, and Natural Scenic Waterways and their tributaries (within 1 mile) as defined in Regulation No. 2, Water Quality Standards.
- 2) The applicant shall contact ADEQ to determine if a Short Term Activity Authorization (STAA) is needed when performing work in the wetted area of any waterbody. More information can be obtained by contacting the Water Division Planning Section of ADEQ at 501-682-0946.
- 3) The applicant shall implement all practicable best management practices (BMPs) to avoid excessive impacts of sedimentation and turbidity to the surface waters.
- 4) The applicant will take all reasonable measures to prevent the spillage or leakage of any chemicals, oil, grease, gasoline, diesel, or other fuels. In the unlikely event such spillage or leakage occurs, the applicant must contact ADEQ immediately.
- 5) The applicant shall limit construction to low flow periods as much as possible to minimize adverse effects on water quality and aquatic life.

JOHN BEL EDWARDS  
GOVERNOR



CHUCK CARR BROWN, Ph.D.  
SECRETARY

# State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY  
ENVIRONMENTAL SERVICES

**APR 17 2017**

Mr. Martin S. Mayer  
Chief, Regulatory Branch  
Department of the Army  
Corps of Engineers, New Orleans District  
P. O. Box 60267  
New Orleans, Louisiana 70160-0267  
Attention: Brenda A. Archer

AI No.: 149056  
WQC 160629-02  
Activity No.: CER20160001

RE: Water Quality Certification WQC 160629-02 \*CORRECTED\*  
2017 Nationwide Permit Reissuance  
State of Louisiana

Dear Mr. Mayer:

The Louisiana Department of Environmental Quality, Office of Environmental Services (LDEQ), provides with this correspondence clarification of the water quality certification approval and reissuance of the U.S. Army Corps of Engineers (Corps) Nationwide Permits (NWP), general conditions, and definitions with some modification in the *Federal Register* (Vol. 82 No. 4) as published January 6, 2017. The 2017 NWPs are in effect as of March 19, 2017. The publication of the final NWPs in the *Federal Register* serves as the Corps application for water quality certification (WQC) under Section 401 of the Clean Water Act for those NWPs that will result in a discharge in the State of Louisiana.

LDEQ has reviewed the Corps' Reissuance of Nationwide Permits, as published in the referenced *Federal Register* and issues WQC 160629-02 with the attached Nationwide Permit (NWP) Regional Conditions, February 2017 for the following NWPs:

NWP 3	NWP 18	NWP 33	NWP 46
NWP 4	NWP 19	NWP 34	NWP 48
NWP 5	NWP 20	NWP 36	NWP 49
NWP 6	NWP 21	NWP 37	NWP 50
NWP 7	NWP 22	NWP 38	NWP 51
NWP 12	NWP 23	NWP 40	NWP 52
NWP 13	NWP 25	NWP 41	NWP 53
NWP 14	NWP 27	NWP 42	NWP 54
NWP 15	NWP 30	NWP 43	
NWP 16	NWP 31	NWP 44	
NWP 17	NWP 32	NWP 45	



WQC 160629-02 \*CORRECTED\*  
AI 149056  
2017 Nationwide Permit Reissuance  
State of Louisiana  
Page 2

LDEQ denies 401 Water Quality Certification to the reissuance of NWP 29 except those associated with construction or expansion of a single residence pursuant to the attached State of Louisiana Nationwide Permit Regional Conditions.

LDEQ has denied 401 Water Quality Certification to the reissuance of NWP 39.

Based on the information provided in the application, it is the opinion of LDEQ that the Nationwide Permit NWP 39 could have potential adverse effects on water quality or fail to comply with State water quality standards as provided for in LAC 33:IX, Chapter 11, and should be considered for certification on a case-by-case basis. Therefore, certification for this NWP is denied.

Should you have any questions concerning any part of this certification, please contact Elizabeth Hill at (225) 219-3225 or by email at [elizabeth.hill@la.gov](mailto:elizabeth.hill@la.gov). Please reference Agency Interest (AI) number 149056 and Water Quality Certification 160629-02 on all future correspondence to this Department to ensure all correspondence regarding this subject is properly filed into the Department's Electronic Document Management System.

Sincerely,



Elliott B. Vega  
Assistant Secretary

Attachment

c: IO-W

**NWP 16.** *Return Water from Upland Contained Disposal Areas:*  
No additional regional conditions are proposed.

**NWP 17.** *Hydropower Projects:*  
No additional regional conditions are in proposed.

**NWP 18.** *Minor Discharges:*

This NWP, via disavowal of Coastal Zone certification by the Louisiana Department of Natural Resources, is considered **denied** without prejudice within the Louisiana Coastal Zone. Individual requests for approval under this NWP will ***be conditioned to require the applicant to obtain a Louisiana Department of Natural Resources determination/certification before the NWP is valid.***

**NWP 19.** *Minor Dredging:*  
No additional regional conditions are proposed.

**NWP 20.** *Response Operations for Oil and Hazardous Substances:*

This NWP, via disavowal of Coastal Zone certification by the Louisiana Department of Natural Resources, is considered **denied** without prejudice within the Louisiana Coastal Zone. Individual requests for approval under this NWP will ***be conditioned to require the applicant to obtain a Louisiana Department of Natural Resources determination/certification before the NWP is valid.***

**NWP 21.** *Surface Coal Mining Activities:*  
No additional regional conditions are proposed.

**NWP 22.** *Removal of Vessels:*

This NWP, via disavowal of Coastal Zone certification by the Louisiana Department of Natural Resources, is considered **denied** without prejudice within the Louisiana Coastal Zone. Individual requests for approval under this NWP will ***be conditioned to require the applicant to obtain a Louisiana Department of Natural Resources determination/certification before the NWP is valid.***

**NWP 23.** *Approved Categorical Exclusions:*

This NWP, via disavowal of Coastal Zone certification by the Louisiana Department of Natural Resources, is considered **denied** without prejudice within the Louisiana Coastal Zone. Individual requests for approval under this NWP will ***be conditioned to require the applicant to obtain a Louisiana Department of Natural Resources determination/certification before the NWP is valid.***

**NWP 24.** *Indian Tribe or State Administered Section 404 Programs:*



REPLY TO  
ATTENTION OF

**DEPARTMENT OF THE ARMY**  
LITTLE ROCK DISTRICT, CORPS OF ENGINEERS  
POST OFFICE BOX 867  
LITTLE ROCK, ARKANSAS 72203-0867  
[www.swl.usace.army.mil/](http://www.swl.usace.army.mil/)

February 1, 2018

Regulatory Division

**NATIONWIDE PERMIT NO. MVK 2018-00092**

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 9.3 miles of U.S. Highway 425 from two lanes to four lanes. Proposed improvements include four 12-foot-wide travel lanes, 8-foot-wide shoulders and 11-foot-wide painted median. The project will be constructed on existing alignment and will cross sixteen streams. Named streams include Hanks Creek and West Creek, the other fourteen streams are unnamed. The project will replace the bridges over Hanks Creek, West Creek and one unnamed stream with concrete box culverts. The culverts at all other stream crossings will be retained and extended to accommodate embankment widening. Impacts at all stream crossings will be less than 0.1 acres. A total of 0.2 acres of wetlands will be adversely impacted by the project. Approximately 57 acres of additional right-of-way will be required for the project. There are no endangered species or cultural resources impacts.

The project was approved by the ArDOT and Federal Highway Administration as a Tier 3 Categorical Exclusion on December 16, 2016. Approximately 0.5 miles of the project will be constructed in Louisiana and 8.8 miles will be constructed in Arkansas. Through a cooperative agreement with the Louisiana Department of Transportation, ArDOT will oversee all construction. The project is located approximately five miles southeast of Crossett in section 9, T. 23 N., R. 6 E., Morehouse Parish, Louisiana, in sections 5, 8, 17, 20, 29, 31, and 32, T. 19 S., R. 7 W., and in sections 21, 28, 32 and 33, T. 18 S., R. 7 W., Ashley County, Arkansas. A vicinity map, project location maps and wetland impacts 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 Condition** 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 Condition:**

- 1. The ArDOT agrees to mitigate for the adverse impacts to 0.2 acres of wetlands with 2.0 wetland credits at an approved mitigation bank before construction of the project begins. The ArDOT will provide documentation of the mitigation bank transaction to the U.S. Army Corps of Engineers Little Rock District Transportation Program Manager.**

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.

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.

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. Lazendra Hairston at the ADEQ, Water Division, 5301 Northshore Drive, North Little Rock, Arkansas 72118, telephone (501) 682-0645. We have also enclosed a copy of the Louisiana Department of Environmental Quality Section 401 certification. If you have any questions regarding this certification, you should contact Ms. Elizabeth Hill at (225) 219-3225, or by email at [Elizabeth.Hill@La.gov](mailto:Elizabeth.Hill@La.gov).

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 2018-00092, U.S. Highway 425 widening southeast of Crossett (ArDOT Project No. CA0201).**

Sincerely,



Sarah Chitwood  
Chief, Regulatory Evaluation Branch

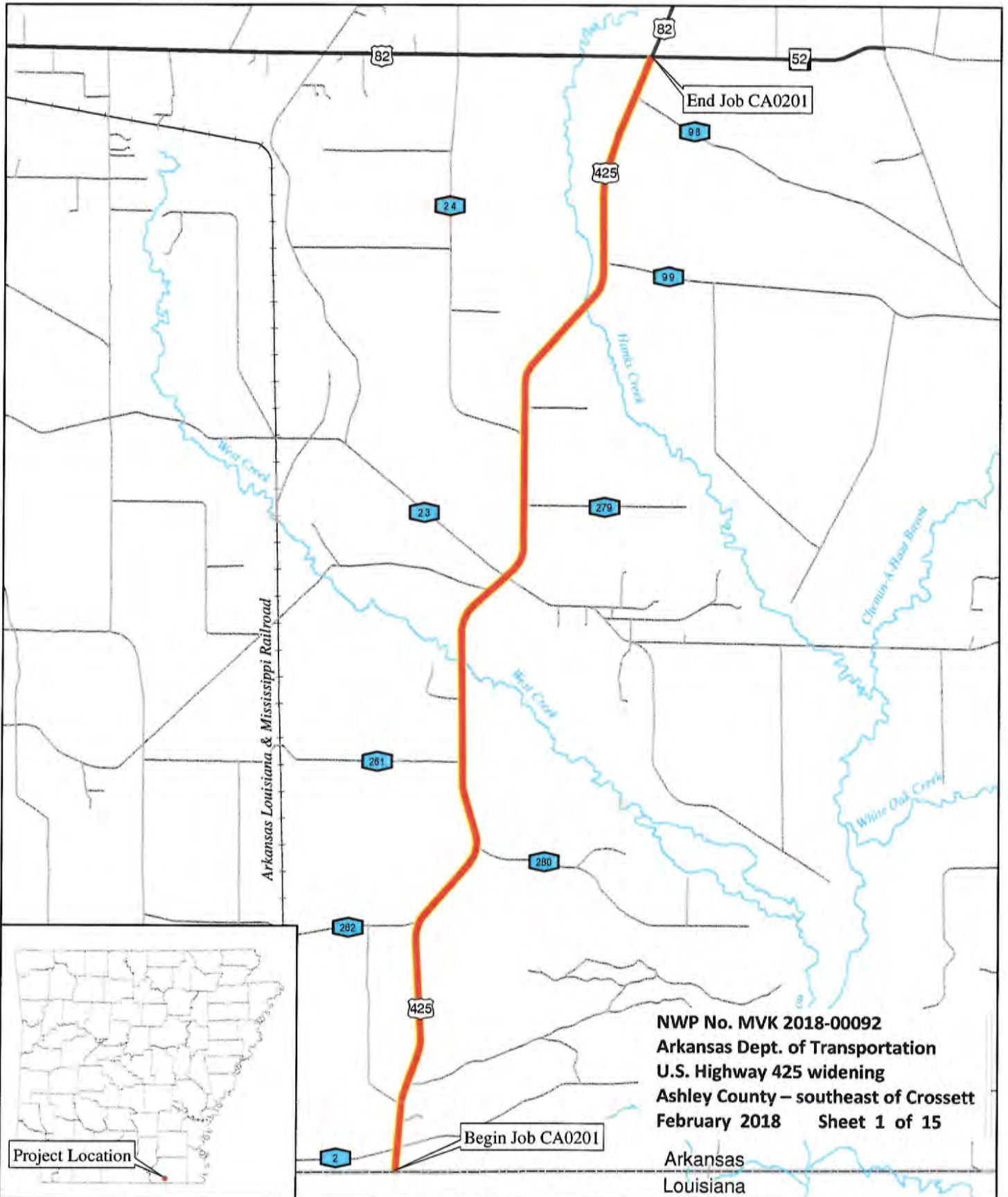
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Ms. Lazendra Hairston, Arkansas Department of Environmental Quality, w/cy dwgs

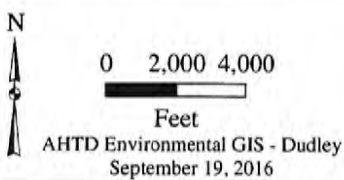
Mr. Lindsey Lewis, U.S. Fish & Wildlife Service, w/cy dwgs

Ms. Elizabeth Hill, Louisiana Department of Environmental Quality, w/cy dwgs

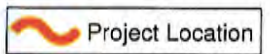


NWP No. MVK 2018-00092  
 Arkansas Dept. of Transportation  
 U.S. Highway 425 widening  
 Ashley County – southeast of Crossett  
 February 2018 Sheet 1 of 15

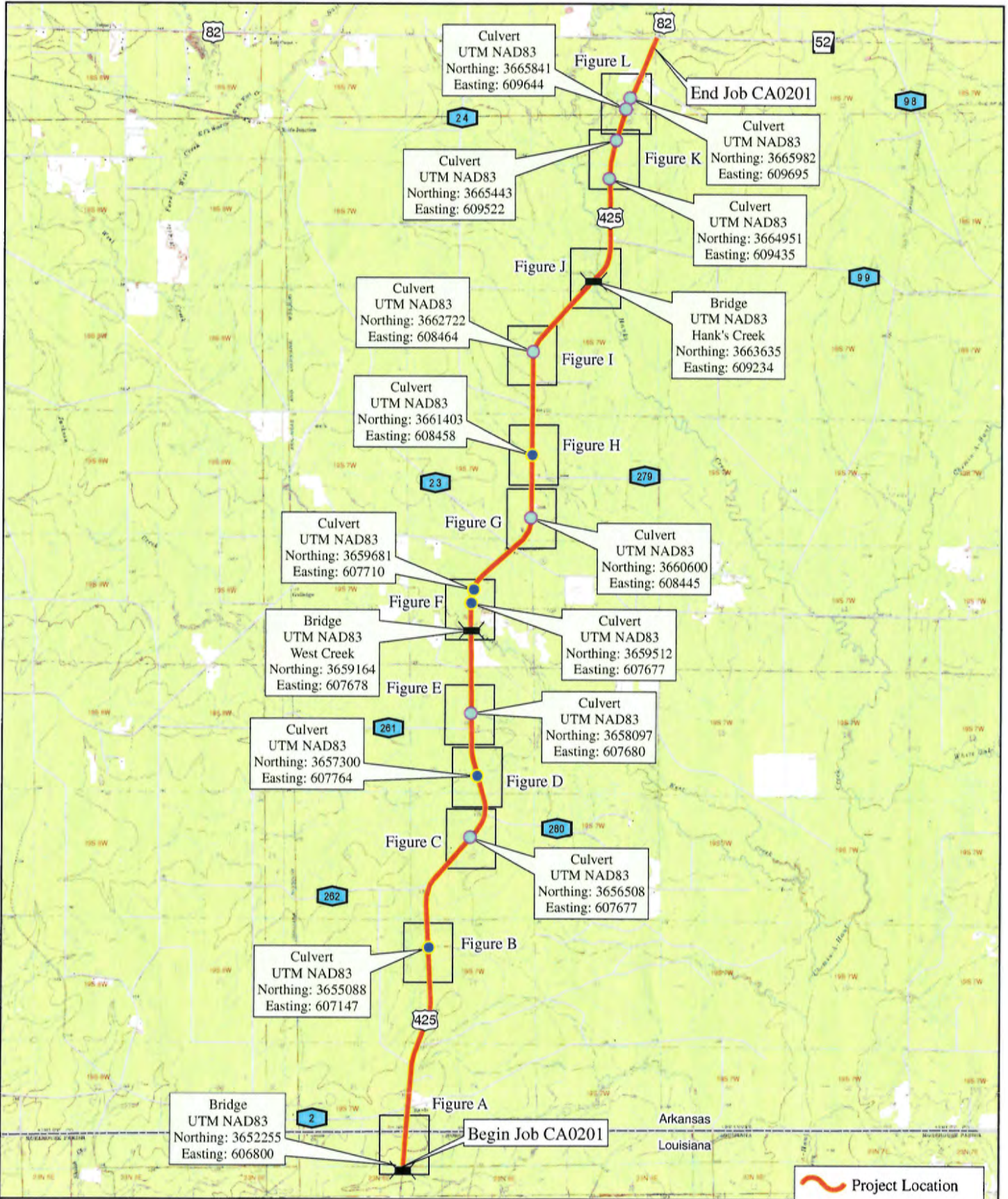
Arkansas  
 Louisiana



Job CA0201  
 Louisiana State Line - Hwy. 82 (Widening)  
 (Hwy. 425)  
 Ashley County







Bridge  
UTM NAD83  
Northing: 3652255  
Easting: 606800

Figure A

Begin Job CA0201

Culvert  
UTM NAD83  
Northing: 3655088  
Easting: 607147

Figure B

Culvert  
UTM NAD83  
Northing: 3657300  
Easting: 607764

Figure C

Bridge  
UTM NAD83  
West Creek  
Northing: 3659164  
Easting: 607678

Figure D

Culvert  
UTM NAD83  
Northing: 3659681  
Easting: 607710

Figure E

Culvert  
UTM NAD83  
Northing: 3661403  
Easting: 608458

Figure F

Culvert  
UTM NAD83  
Northing: 3662722  
Easting: 608464

Figure G

Bridge  
UTM NAD83  
Hank's Creek  
Northing: 3663635  
Easting: 609234

Figure H

Culvert  
UTM NAD83  
Northing: 3665443  
Easting: 609522

Figure I

Culvert  
UTM NAD83  
Northing: 3664951  
Easting: 609435

Figure J

Culvert  
UTM NAD83  
Northing: 3665982  
Easting: 609695

Figure K

Culvert  
UTM NAD83  
Northing: 3665841  
Easting: 609644

Figure L

End Job CA0201

N

0 2,500 5,000  
Feet

AHTD Environmental GIS - Dudley  
July 18, 2017

Index  
Job CA0201  
Louisiana State Line - Hwy. 82  
(Widening) (Hwy. 425)  
Ashley County

Project Location

Ephemeral Stream

Intermittent Stream

Bridge

USGS Topographic Maps:  
Berlin 1973; Hamburg 1973



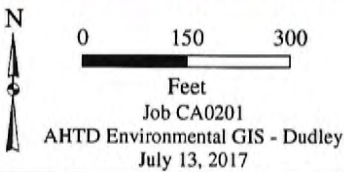
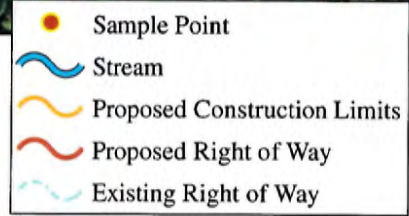


Figure A









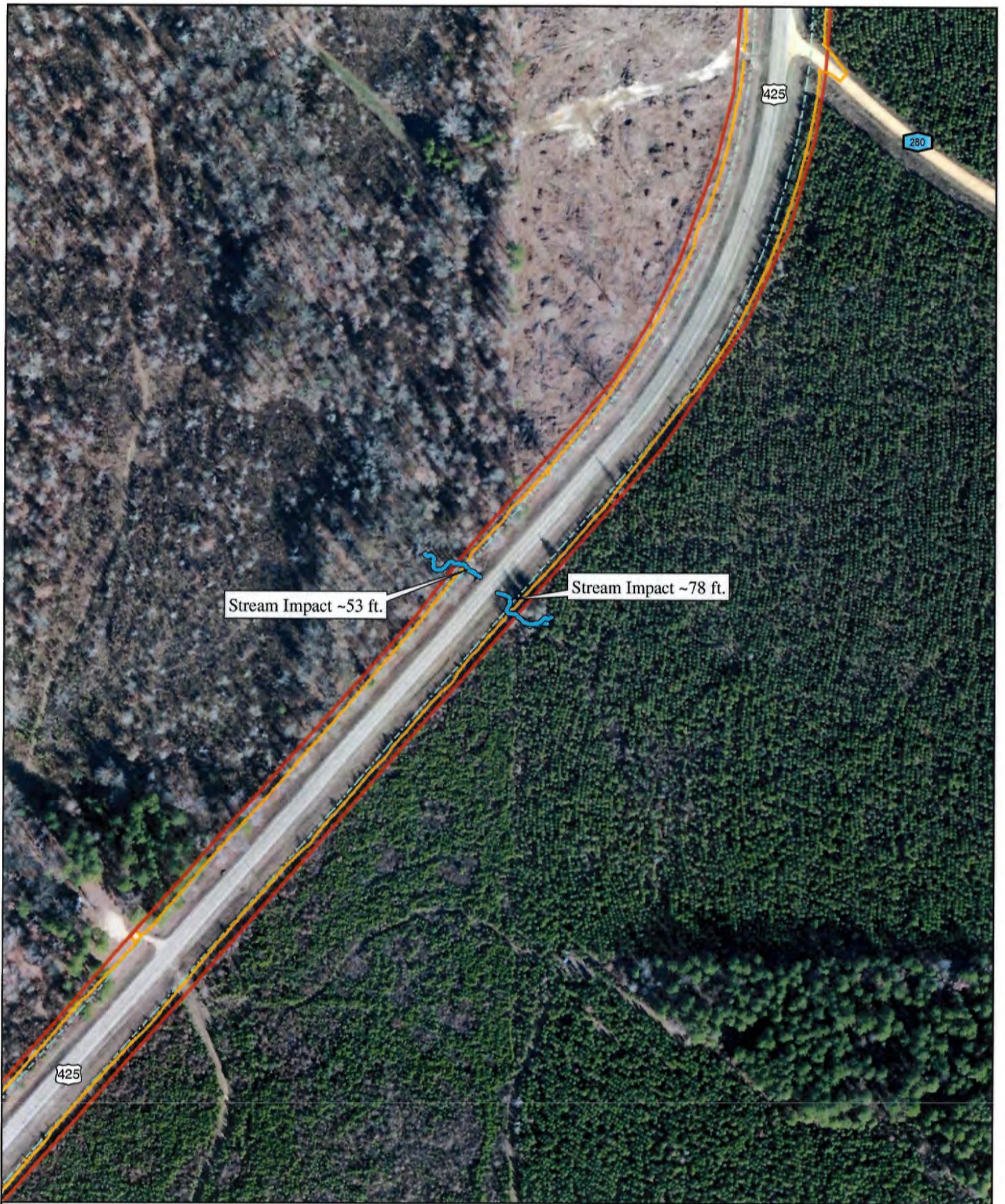


N  
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 Feet  
 Job CA0201  
 AHTD Environmental GIS - Dudley  
 May 26, 2017

Figure B

-  Stream
-  Proposed Construction Limits
-  Proposed Right of Way
-  Existing Right of Way





Stream Impact ~53 ft.

Stream Impact ~78 ft.

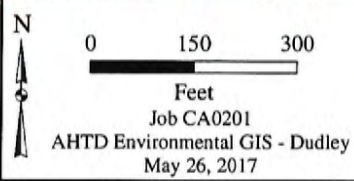
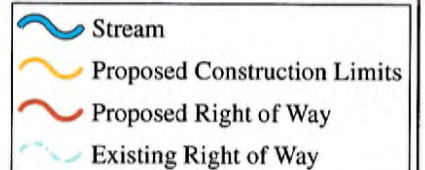
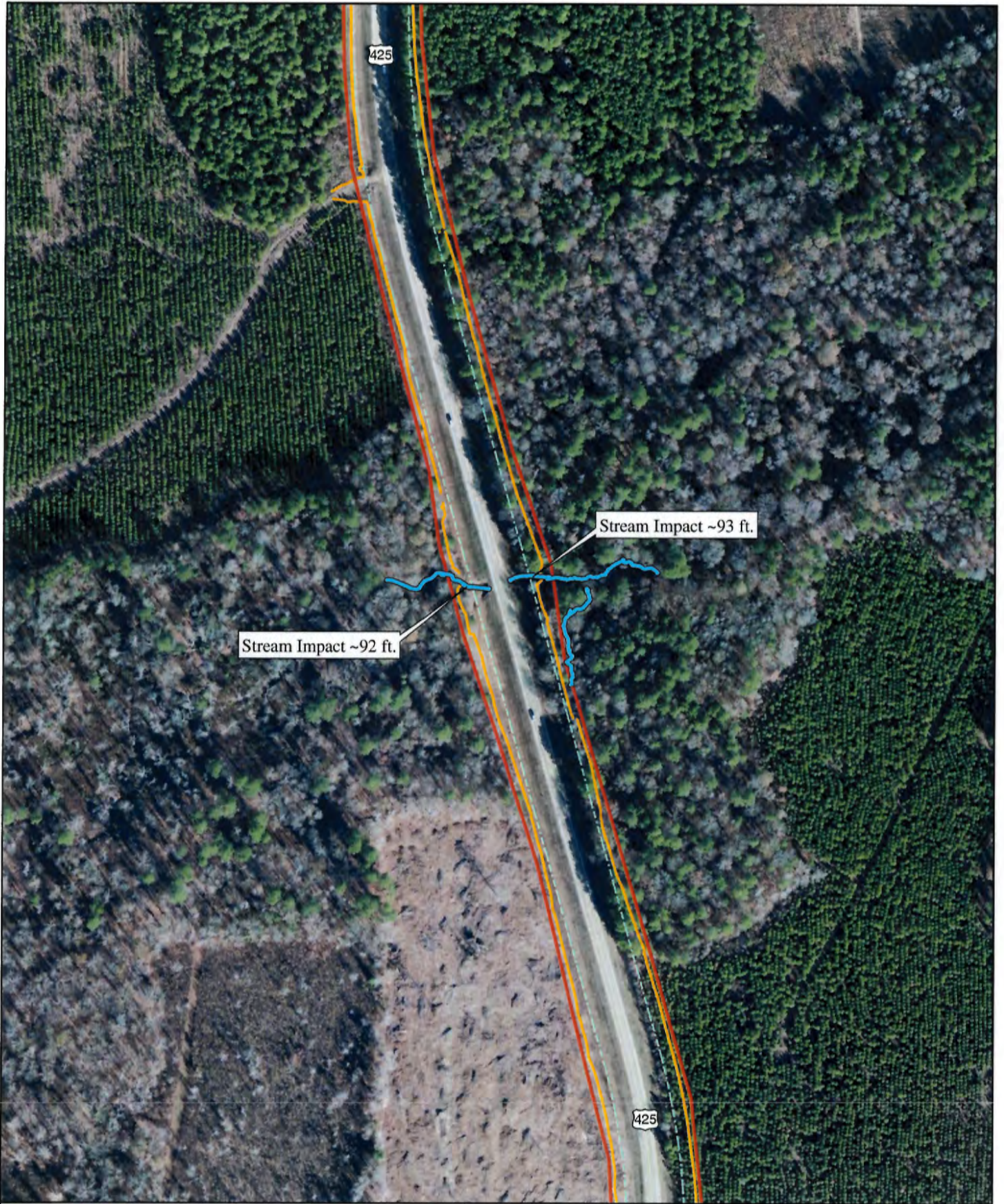


Figure C











N  
 0 150 300  
 Feet  
 Job CA0201  
 AHTD Environmental GIS - Dudley  
 May 26, 2017

Figure D

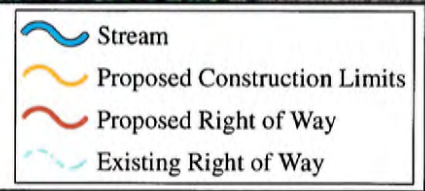
-  Stream
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-  Existing Right of Way



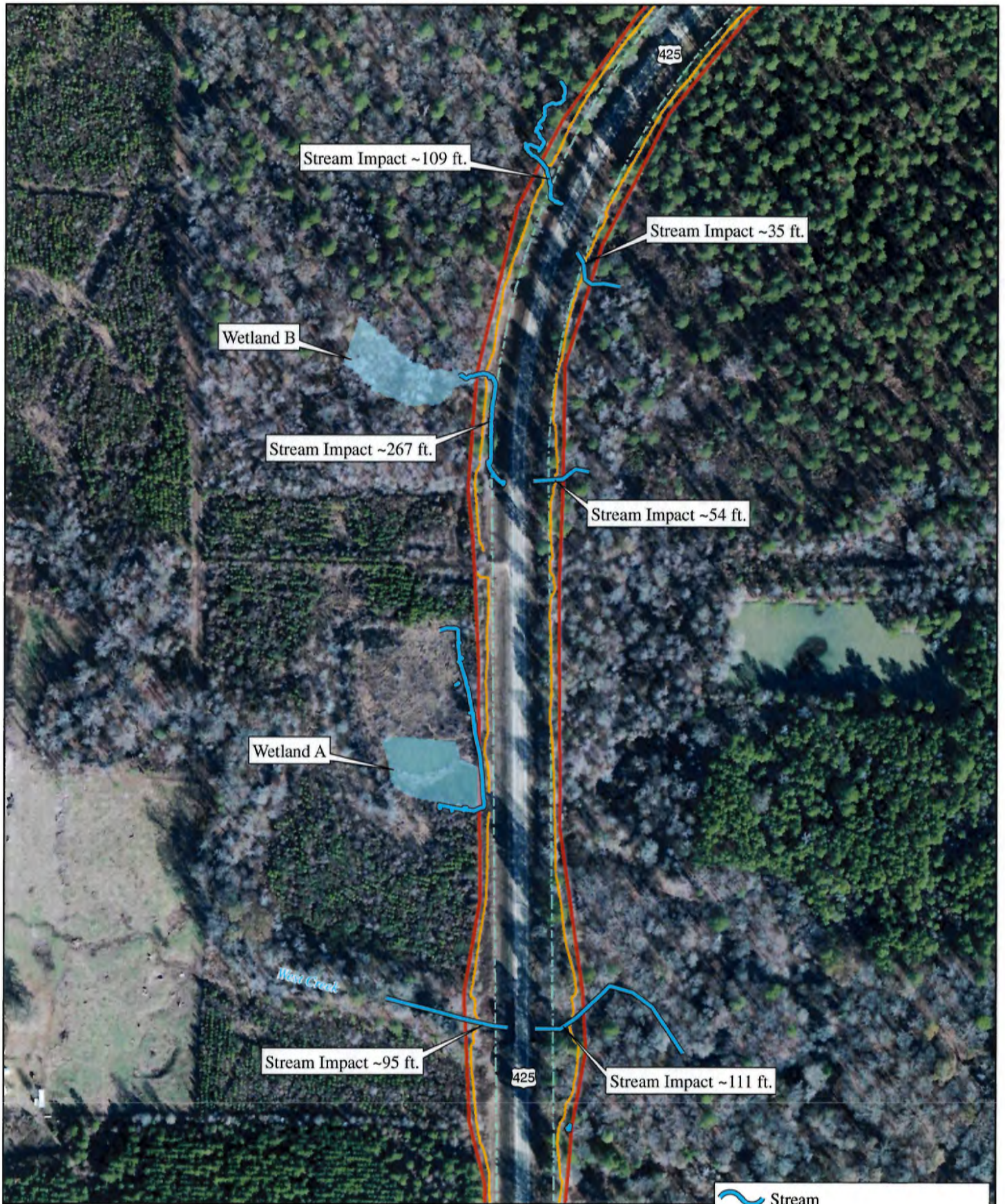


N  
 0 150 300  
 Feet  
 Job CA0201  
 AHTD Environmental GIS - Dudley  
 May 26, 2017

Figure E












N  
 0 150 300  
 Feet  
 Job CA0201  
 AHTD Environmental GIS - Dudley  
 May 26, 2017

Figure F

-  Stream
-  Wetland
-  Proposed Construction Limits
-  Proposed Right of Way
-  Existing Right of Way





Stream Impact ~60 ft.

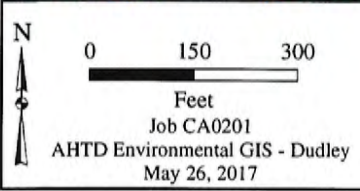
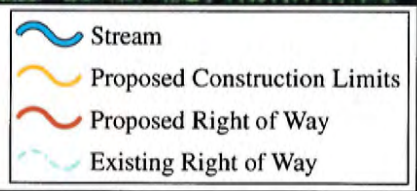


Figure G





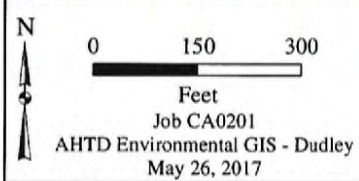
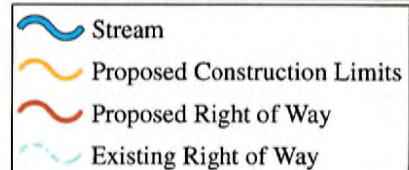


Figure H





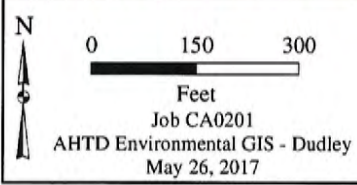
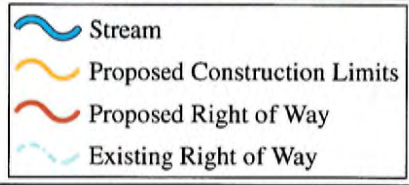
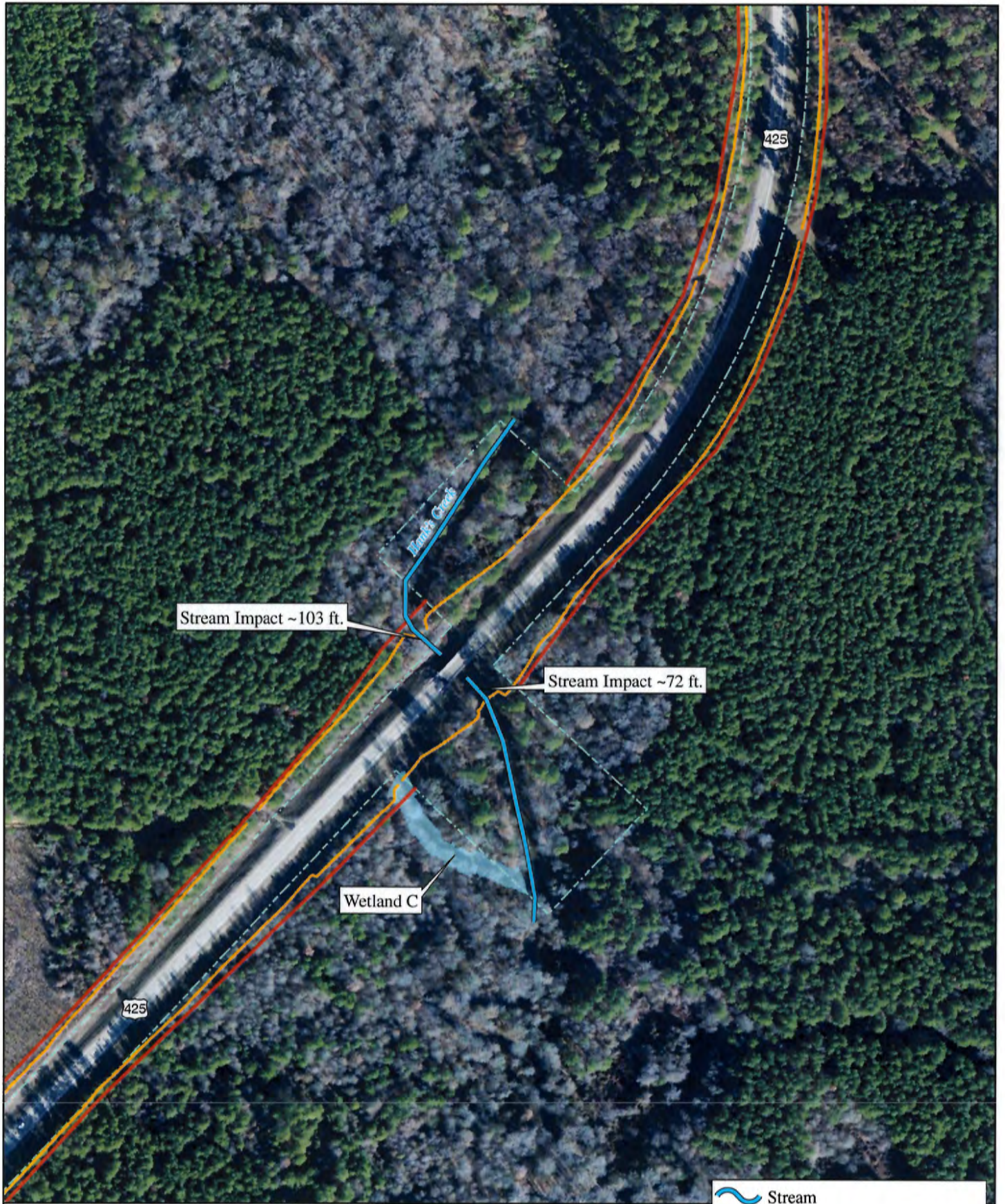


Figure I







N  
 0 150 300  
 Feet  
 Job CA0201  
 AHTD Environmental GIS - Dudley  
 May 26, 2017

Figure J

	Stream
	Wetland
	Proposed Construction Limits
	Proposed Right of Way
	Existing Right of Way



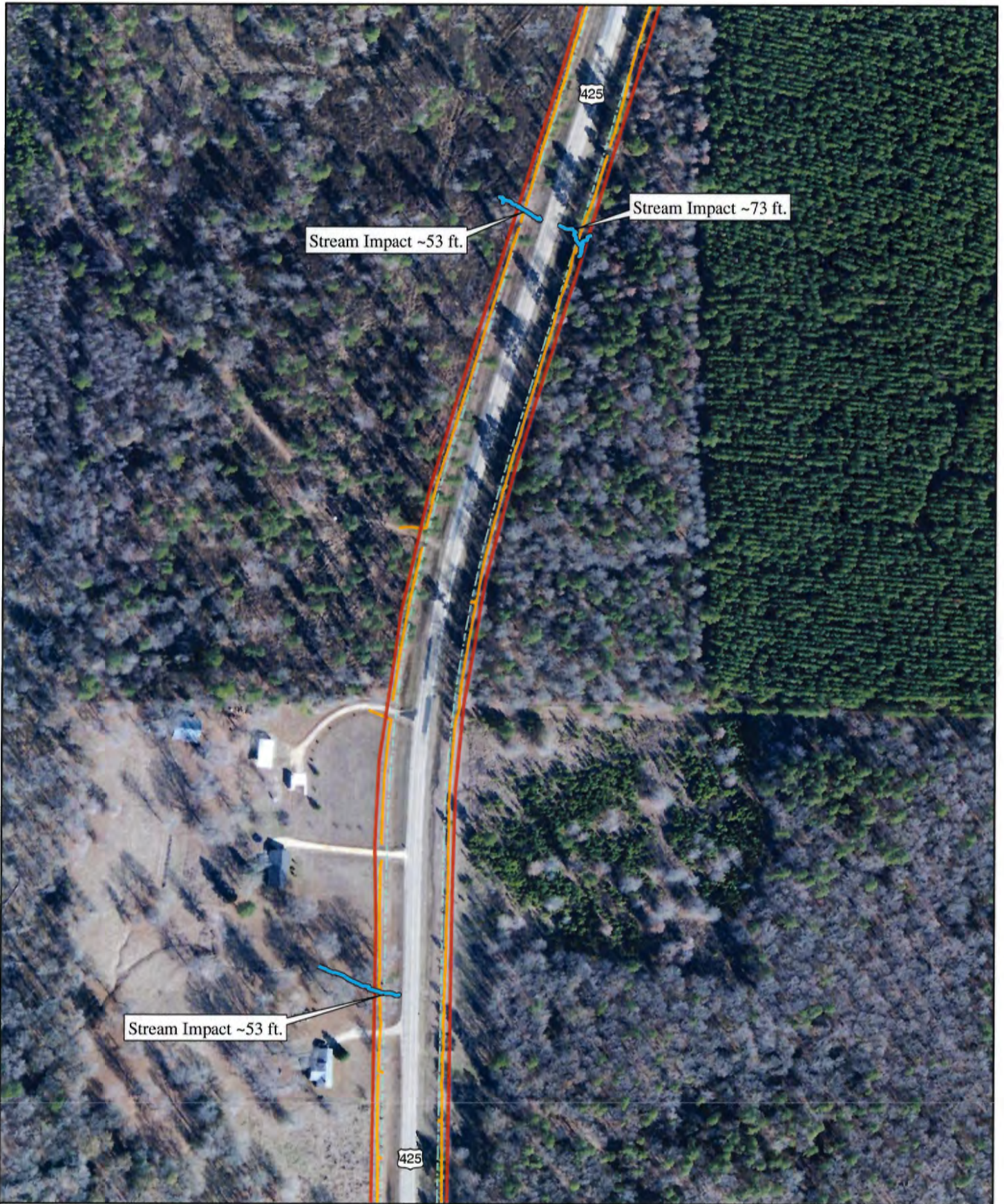
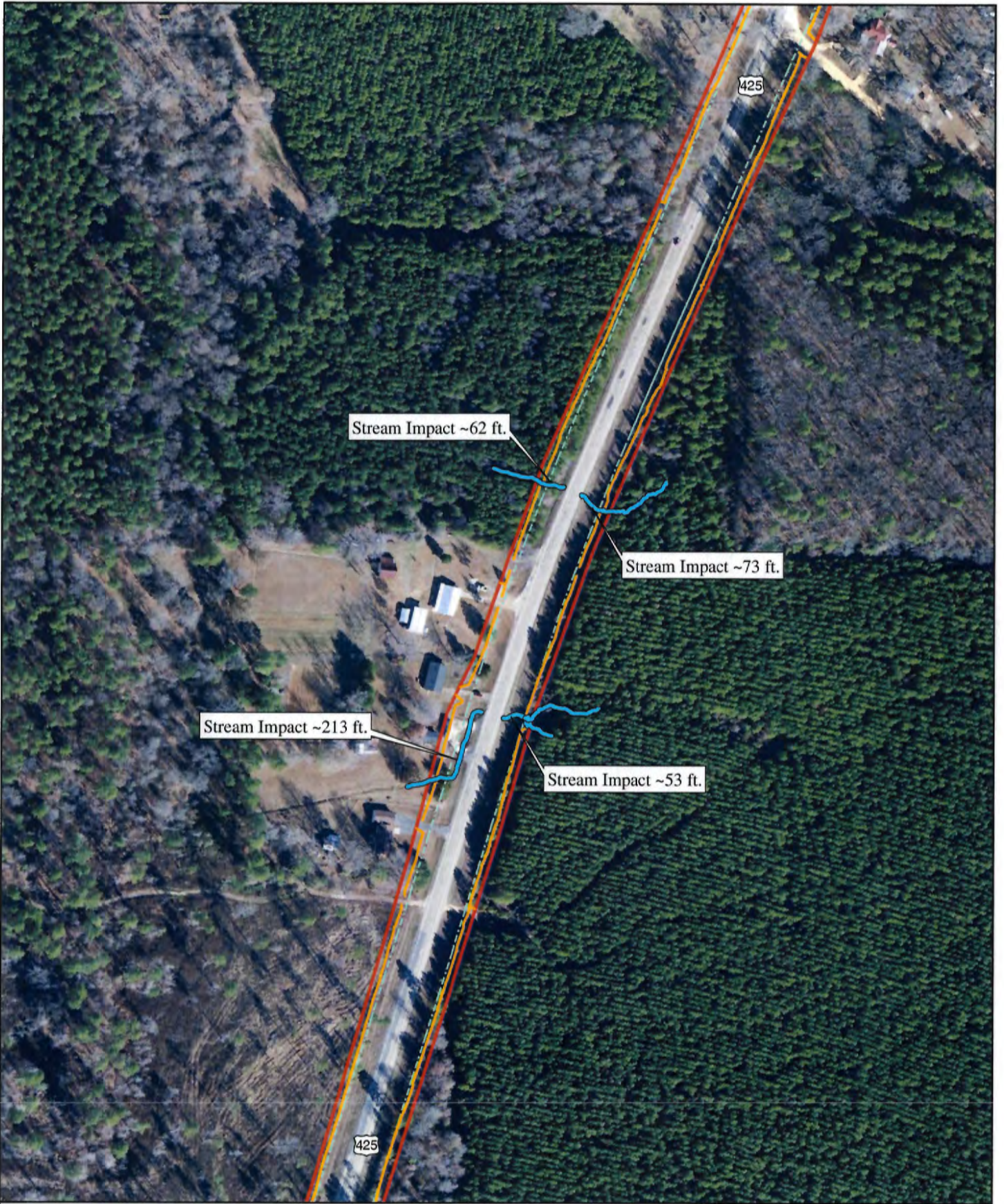






Figure K





N  
 0 150 300  
 Feet  
 Job CA0201  
 AHTD Environmental GIS - Dudley  
 May 26, 2017

Figure L

-  Stream
-  Proposed Construction Limits
-  Proposed Right of Way
-  Existing Right of Way



**Determination of Wetland Credits  
Working Draft, Subject to Change  
Last Revised, October 7, 2010**

**4.0 TABLES AND WORKSHEETS**

**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	3.0	0.2	3.0	3.0		
Priority Category	0.5	0.5	0.5	0.5		
Existing Condition	2.5	0.1	2.5	2.5		
Duration	2.0	1.0	2.0	2.0		
Dominant Impact	3.0	1.0	1.0	3.0		
Cumulative Impact	0.1	0.1	0.1	0.1		
Sum of Factors	R <sub>1</sub> = 11.1	R <sub>2</sub> = 2.9	R <sub>3</sub> = 9.1	R <sub>4</sub> = 11.1	R <sub>5</sub> =	R <sub>6</sub> =
Impacted Area	A <sub>1</sub> = 0.11	A <sub>2</sub> = 0.03	A <sub>3</sub> = 0.01	A <sub>4</sub> = 0.05	A <sub>5</sub> =	A <sub>6</sub> =
R x AA=	1.2	0.1	0.1	0.6		

**Required Wetland Mitigation Credits =  $\Sigma (R \times A) =$  2.0**





**MAR 16 2017**

Colonel Robert G. Dixon  
District Commander  
U.S. Army Corps of Engineers  
P.O. Box 867  
Little Rock, Arkansas 72203-0867

RE: Public Notice: Re-issuance of Nationwide Permits

Dear Colonel Dixon:

The Arkansas Department of Environmental Quality (ADEQ) has completed its review of the above referenced public notice for re-issuance of the U.S. Army Corps of Engineers Nationwide Permits (NWP) for the State of Arkansas.

ADEQ has determined that there is a reasonable assurance that the activities covered under most these NWP will be conducted in a manner which, according to the Arkansas Pollution Control and Ecology Commission's Regulation No.2, will not physically alter a significant segment of the waterbody and will not violate the water quality criteria.

Therefore, pursuant to §401(a)(1) of the Clean Water Act, the ADEQ hereby issues water quality certification for all NWP with the exception of NWP 14, 29, and 43, contingent upon the following conditions:

- 1) An individual water quality certification request must be submitted to ADEQ for Activities which may impact Extraordinary Resource Waters, Ecologically Sensitive Waterbodies, and Natural Scenic Waterways and their tributaries (within 1 mile) as defined in Regulation No. 2, Water Quality Standards.
- 2) The applicant shall contact ADEQ to determine if a Short Term Activity Authorization (STAA) is needed when performing work in the wetted area of any waterbody. More information can be obtained by contacting the Water Division Planning Section of ADEQ at 501-682-0946.
- 3) The applicant shall implement all practicable best management practices (BMPs) to avoid excessive impacts of sedimentation and turbidity to the surface waters.
- 4) The applicant will take all reasonable measures to prevent the spillage or leakage of any chemicals, oil, grease, gasoline, diesel, or other fuels. In the unlikely event such spillage or leakage occurs, the applicant must contact ADEQ immediately.
- 5) The applicant shall limit construction to low flow periods as much as possible to minimize adverse effects on water quality and aquatic life.



JOHN BEL EDWARDS  
GOVERNOR



CHUCK CARR BROWN, PH.D.  
SECRETARY

# State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY  
ENVIRONMENTAL SERVICES

**APR 17 2017**

Mr. Martin S. Mayer  
Chief, Regulatory Branch  
Department of the Army  
Corps of Engineers, New Orleans District  
P. O. Box 60267  
New Orleans, Louisiana 70160-0267  
Attention: Brenda A. Archer

AI No.: 149056  
WQC 160629-02  
Activity No.: CER20160001

RE: Water Quality Certification WQC 160629-02 \*CORRECTED\*  
2017 Nationwide Permit Reissuance  
State of Louisiana

Dear Mr. Mayer:

The Louisiana Department of Environmental Quality, Office of Environmental Services (LDEQ), provides with this correspondence clarification of the water quality certification approval and reissuance of the U.S. Army Corps of Engineers (Corps) Nationwide Permits (NWP), general conditions, and definitions with some modification in the *Federal Register* (Vol. 82 No. 4) as published January 6, 2017. The 2017 NWPs are in effect as of March 19, 2017. The publication of the final NWPs in the *Federal Register* serves as the Corps application for water quality certification (WQC) under Section 401 of the Clean Water Act for those NWPs that will result in a discharge in the State of Louisiana.

LDEQ has reviewed the Corps' Reissuance of Nationwide Permits, as published in the referenced *Federal Register* and issues WQC 160629-02 with the attached Nationwide Permit (NWP) Regional Conditions, February 2017 for the following NWPs:

NWP 3	NWP 18	NWP 33	NWP 46
NWP 4	NWP 19	NWP 34	NWP 48
NWP 5	NWP 20	NWP 36	NWP 49
NWP 6	NWP 21	NWP 37	NWP 50
NWP 7	NWP 22	NWP 38	NWP 51
NWP 12	NWP 23	NWP 40	NWP 52
NWP 13	NWP 25	NWP 41	NWP 53
NWP 14	NWP 27	NWP 42	NWP 54
NWP 15	NWP 30	NWP 43	
NWP 16	NWP 31	NWP 44	
NWP 17	NWP 32	NWP 45	



WQC 160629-02 \*CORRECTED\*  
AI 149056  
2017 Nationwide Permit Reissuance  
State of Louisiana  
Page 2

LDEQ denies 401 Water Quality Certification to the reissuance of NWP 29 except those associated with construction or expansion of a single residence pursuant to the attached State of Louisiana Nationwide Permit Regional Conditions.

LDEQ has denied 401 Water Quality Certification to the reissuance of NWP 39.

Based on the information provided in the application, it is the opinion of LDEQ that the Nationwide Permit NWP 39 could have potential adverse effects on water quality or fail to comply with State water quality standards as provided for in LAC 33:IX. Chapter 11, and should be considered for certification on a case-by-case basis. Therefore, certification for this NWP is denied.

Should you have any questions concerning any part of this certification, please contact Elizabeth Hill at (225) 219-3225 or by email at [elizabeth.hill@la.gov](mailto:elizabeth.hill@la.gov). Please reference Agency Interest (AI) number 149056 and Water Quality Certification 160629-02 on all future correspondence to this Department to ensure all correspondence regarding this subject is properly filed into the Department's Electronic Document Management System.

Sincerely,



Elliott B. Vega  
Assistant Secretary

Attachment

c: IO-W



**NWP 16.** *Return Water from Upland Contained Disposal Areas:*  
No additional regional conditions are proposed.

**NWP 17.** *Hydropower Projects:*  
No additional regional conditions are in proposed.

**NWP 18.** *Minor Discharges:*

This NWP, via disavowal of Coastal Zone certification by the Louisiana Department of Natural Resources, is considered **denied** without prejudice within the Louisiana Coastal Zone. Individual requests for approval under this NWP will ***be conditioned to require the applicant to obtain a Louisiana Department of Natural Resources determination/certification before the NWP is valid.***

**NWP 19.** *Minor Dredging:*  
No additional regional conditions are proposed.

**NWP 20.** *Response Operations for Oil and Hazardous Substances:*

This NWP, via disavowal of Coastal Zone certification by the Louisiana Department of Natural Resources, is considered **denied** without prejudice within the Louisiana Coastal Zone. Individual requests for approval under this NWP will ***be conditioned to require the applicant to obtain a Louisiana Department of Natural Resources determination/certification before the NWP is valid.***

**NWP 21.** *Surface Coal Mining Activities:*  
No additional regional conditions are proposed.

**NWP 22.** *Removal of Vessels:*

This NWP, via disavowal of Coastal Zone certification by the Louisiana Department of Natural Resources, is considered **denied** without prejudice within the Louisiana Coastal Zone. Individual requests for approval under this NWP will ***be conditioned to require the applicant to obtain a Louisiana Department of Natural Resources determination/certification before the NWP is valid.***

**NWP 23.** *Approved Categorical Exclusions:*

This NWP, via disavowal of Coastal Zone certification by the Louisiana Department of Natural Resources, is considered **denied** without prejudice within the Louisiana Coastal Zone. Individual requests for approval under this NWP will ***be conditioned to require the applicant to obtain a Louisiana Department of Natural Resources determination/certification before the NWP is valid.***

**NWP 24.** *Indian Tribe or State Administered Section 404 Programs:*