

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

June 7, 2016

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

Re: Job Number CA0701
FAP Number ACNHPP-007(26)
Hwy 167 Improvements (Hampton)
Calhoun 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 167 from County Road 128 to North Hampton in Calhoun County. Total length of the project is 1.77 miles. An enclosed figure illustrates the project location.

The existing roadway section from County Road 128 to Elm Street consists of two 12-foot wide paved travel lanes with 10-foot wide shoulders. The existing roadway section from Elm Street to North Hampton consists of four 11-foot wide paved travel lanes with curb and gutter. The existing right of way width varies between 60' - 150'.

The proposed new roadway will have a curb and gutter design with four 11-foot wide paved travel lanes, a 12-foot wide turn lane, and 5-foot sidewalks. The new right of way width will average 95 feet. Approximately 4.04 acres of additional right of way will be required for this project.

Design data for this project is as follows:

Design Year	Average Daily Traffic	Percent Trucks	Design Speed
2017	3,400	16	45 mph
2037	4,500	16	45 mph

There are no environmental justice issues, prime farmland or endangered species associated with this project. One residential tenant, four businesses and two landlord businesses will be relocated as a result of this project. Public Law 91-646, Uniform Relocation Assistance Act of 1970, as amended, will apply. A conceptual stage relocation statement is enclosed. Field inspections found evidence of existing underground storage tanks. Underground storage tanks will be removed in accordance with Arkansas Department of Environmental Quality regulations. No impacts to cultural resources are anticipated; concurrence from the State Historic Preservation Officer is enclosed. Noise predictions have been made for this project utilizing the Federal Highway Administration's Traffic Noise Model 2.5 procedures. A noise assessment is enclosed. Impacts to 4(f) resources were avoided by staying within the existing right of way at Ham Moses Park.

The widening of Highway 167 will impact approximately 0.12 acre of wetlands and involve extending three existing box culverts on unnamed tributaries of Champagnolle Creek impacting 132 linear feet of waters of United States. Construction should be allowed on this project under the terms of a Section 404 Nationwide Permit 14 for Linear Transportation Projects. Champagnolle Creek is listed on the Arkansas Department of Environmental Quality 2014 303(d) List of Impaired Waterbodies due to mercury contamination (Champagnolle Creek was also listed on the EPA approved 2008 303(d) List). Mitigation for unavoidable wetland and stream impacts, if necessary, will be acquired through an approved mitigation bank.

The City of Hampton and Calhoun 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. None of the encroachments will constitute a significant floodplain encroachment or a significant risk to property or life.

A public involvement meeting for this project was held on December 15, 2015, in Hampton Arkansas. A public involvement synopsis is enclosed.

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

APPROVED

Environmental Specialist
Federal Highway Administration
Date: 6/8/2016

Sincerely,

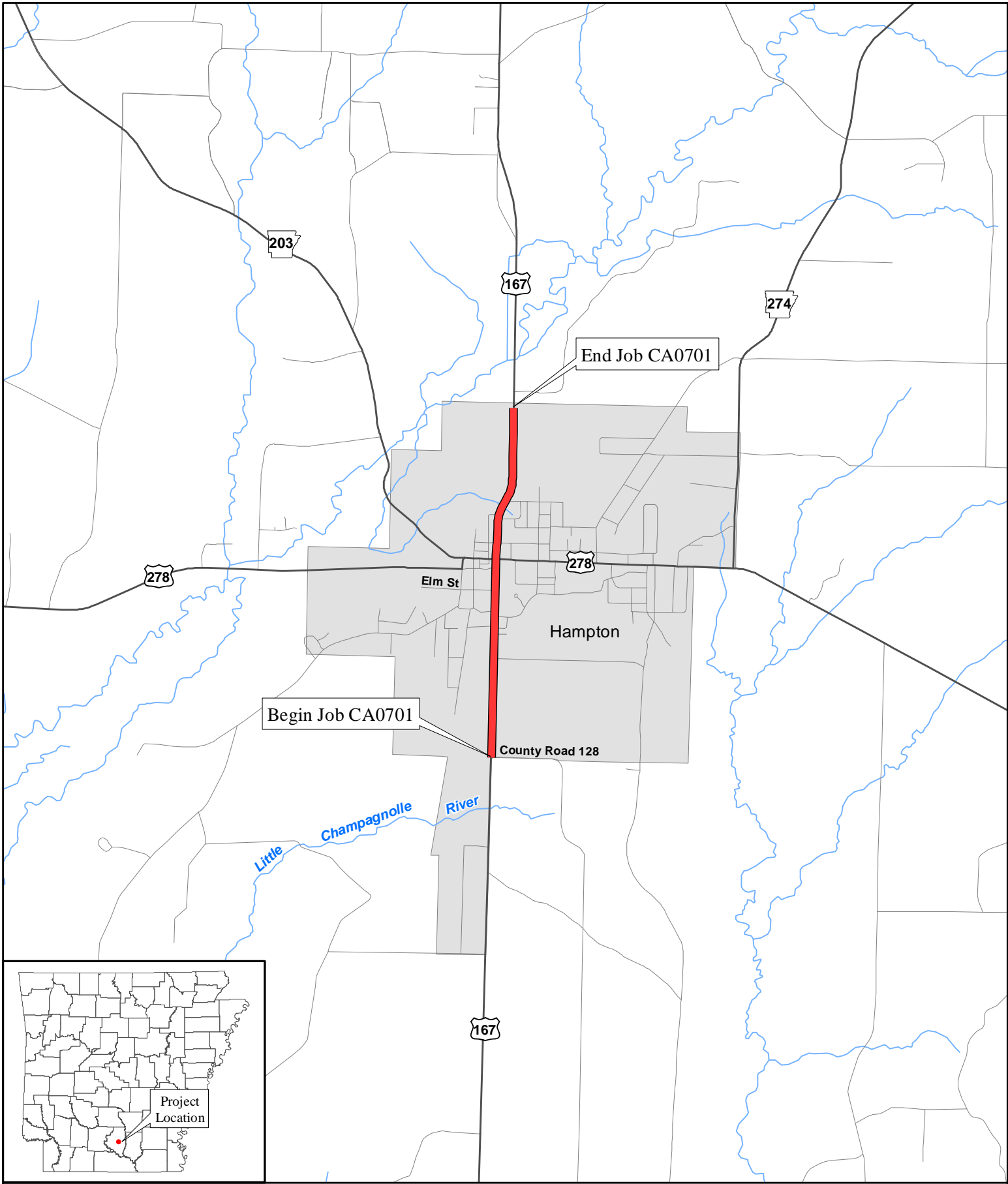


John Fleming
Division Head
Environmental Division

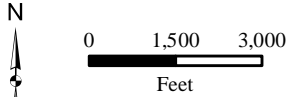
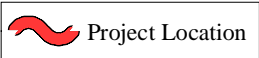
Enclosures

JF:JB:fc

c: Program Management
Right of Way
Roadway Design
CAP Manager
District 7
Master File



Job CA0701
Hwy. 167 Improvements
(Hampton)
Calhoun County





THE DEPARTMENT OF ARKANSAS
HERITAGE

Asa Hutchinson
Governor

Stacy Hurst
Director

Arkansas Arts Council

Arkansas Natural Heritage
Commission

Delta Cultural Center

Historic Arkansas Museum

Mosaic Templars
Cultural Center

Old State House Museum



Arkansas Historic
Preservation Program



323 Center Street, Suite 1500
Little Rock, AR 72201

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

e-mail:
info@arkansaspreservation.org
website:
www.arkansaspreservation.com

An Equal Opportunity Employer

June 26, 2015

Mr. Bill McAbee
CAP Environmental Program Manager
Connecting Arkansas Program
4701 Northshore Drive
North Little Rock, Arkansas 72118

RE: Hot Spring & Garland County - General
Section 106 Review - FHWA
Job No. CA0701 - Hwy 167 in Hampton
AHPP Tracking Number 77549.1

Dear Mr. McAbee:

My staff has reviewed the report entitled *Historic Properties Survey - AHTD Job CA0701 Hwy. 167 Hampton, Calhoun County, Arkansas* by Historic Preservation Associates. This report is acceptable and we concur with the findings contained therein. Specifically, that this undertaking will have no effect on sites 3CA144 and 3CA149 and no adverse effect on structure CA0067-Brown Brothers. We also note the demolition of CA0032-J.J. Neal's Service Station for the construction of a Family Dollar store. Our records have been changed to reflect the demolition.

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 Steve Imhoff of my staff at 501-324-9270.

Sincerely,

Frances McSwain
Deputy State Historic Preservation Officer

cc: Mr. Everett Bandy, Quapaw Tribe of Oklahoma
Mr. James Barr, ICA Engineering, Inc.
Dr. Ann M. Early, Arkansas Archeological Survey
Mr. John Fleming, Arkansas State Highway & Transportation Dept.
Ms. Tamara Francis-Fourkiller, Caddo Nation
Ms. Kim Jumper, Shawnee Tribe of Oklahoma
Mr. Timothy C. Klinger, Historic Preservation Associates, LLC

RECEIVED
AHTD

JUN 29 2015

ENVIRONMENTAL
DIVISION



IN REPLY REFER TO:

United States Department of the Interior



FISH AND WILDLIFE SERVICE
110 S. Amity Road, Suite 300
Conway, Arkansas 72032
Tel.: 501/513-4470 Fax: 501/513-4480

February 17, 2015

Mr. John Fleming
Division Head, Environmental Division
c/o Mr. Josh Seagraves
Arkansas State Highway and Transportation Department
P.O. Box 2261
Little Rock, Arkansas 72203-2261

Dear Mr. Fleming:

The Fish and Wildlife Service (Service) has reviewed your letter dated December 16, 2014, regarding the Arkansas State Highway and Transportation Department (AHTD) proposal to widen Highway 167 from the city of Hampton, Arkansas north to Highway 79 with four separate projects, a distance of 18.92 miles. Our comments are submitted in accordance with the Endangered Species Act (ESA) (87 Stat. 884, as amended 16 U.S.C. 1531 et seq.) and represents the report of the Department of the Interior.

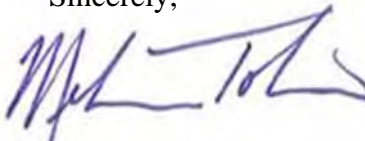
The AHTD letter stated the following:

“USFWS county records list six threatened and endangered species from Calhoun County. They include the Ouachita Rock-Pocketbook (*Arcidens wheeleri*), Pink Mucket (*Lampsilis abrupta*), Redcockaded Woodpecker (*Picoides borealis*), Winged Mapleleaf (*Quadrula fragosa*), Rabbitsfoot (*Quadrula cylindrica*), and Spectaclecase (*Cumberlandia monodonta*). A records check of the Arkansas Natural Heritage Commission's Sensitive Species Database found no record for these species within the project area. Based on these observations, we have determined that the project is not likely to adversely affect listed species. We request your concurrence in our determination.”

According to our records, there are no known federally listed or proposed threatened or endangered species in the affected area of the project. Furthermore, the Service concurs with your determination.

We thank you for your cooperation in helping to protect endangered species. For further assistance or if you have any questions, please contact Lindsey Lewis at (501) 513-4489 or Lindsey_Lewis@fws.gov.

Sincerely,



Melvin Tobin
Deputy Project Leader

cc:

Randal Looney, Federal Highway Administration

Cindy Osborne, Arkansas Natural Heritage Commission

Jennifer Sheehan, Arkansas Game and Fish Commission

John Turner, Arkansas Natural Resources Conservation Commission

Mark Hathcote, Arkansas Department of Environmental Quality

Wanda Boyd, United States Environmental Protection Agency

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Public Meeting Synopsis

Job CA0701

Hwy. 167 Improvements (Hampton)

Calhoun County

Tuesday, December 15, 2015

An open-forum public involvement meeting for the proposed Hwy. 167 Improvements (Hampton) project was held at Hampton High School (Cafeteria), 455 East Main Street in Hampton, Arkansas from 4:00 – 7:00 p.m. on December 15, 2015. A public officials meeting was held at 3:00 p.m. on the same day. Efforts to involve minorities and local property owners in the meeting included ...

- Display ads were placed in the South Arkansas Sun on December 3, 2015 and December 10, 2015.
- A radio Public Service Announcement (PSA) was run twice a day from December 12, 2015 through December 15, 2015 on KCXY-FM 95.3.
- Letters to public officials were mailed on December 1, 2015, and fliers were emailed on December 8, 2015.
- Fliers to adjacent property owners were mailed December 2, 2015.
- Letters to ministers were mailed on December 3, 2015.
- Fliers to stakeholders and people interested in the project were mailed on December 3, 2015 and emailed December 8, 2015.
- Fliers were mailed December 3, 2015 to people who attended a public meeting for Highway 172-Hampton in April 2014, which is adjacent to the CA0701 project.
- Meeting notice fliers were delivered door-to-door along project route December 8, 2015.
- A news release was distributed to the media on December 10, 2015.
- A meeting announcement was listed on ConnectingArkansasProgram.com on November 30, 2015 and ArkansasHighways.com on November 23, 2015.



Public Meeting Synopsis

The following information was available for inspection and comment.

- Two aerial photograph roll plots at a scale of 1" = 100', illustrating the entire length of the proposed project
- Two 24" x 36" aerial photographs on mounted boards at a scale of 1" = 1250', illustrating the entire length of the proposed project
- Three Connecting Arkansas Program boards
- One 24" x 36" board showing the location of four widening projects along Highway 167 between Hampton and Fordyce

Handouts for the public included a comment sheet, small-scale map illustrating the project location, a flier advertising a public meeting for CA0702, which is directly north of the CA0701 project, and a map showing the location of four widening projects along Highway 167 between Hampton and Fordyce. Copies of these are attached to this synopsis.

Table 1 describes the results of public officials participation at the 3 p.m. meeting.

Public Official Participation	Total
Attendance at meeting (including AHTD, CAP and HDR ICA staff)	15
Comments received	1

The following is a listing of comments provided during the public officials meeting concerning issues associated with this project.

- One comment noted that the project is needed due to heavy traffic.
- One comment noted that the project will be beneficial because it will bring more revenue for the city.
- One comment noted that the city park is an environmental constraint.



Public Meeting Synopsis

Table 2 describes the results of public participation at the 4-7 p.m. meeting.

Table 2	
Public Participation	Total
Attendance at meeting (including AHTD, CAP and HDR ICA staff)	59
Comments received	14

HDR | ICA 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 from the public survey is shown in Table 3.

Table 3	
Survey Results	Totals
Supports improvements to Hwy. 167	9
Does not support improvements to Hwy. 167	6
Believes the project would have beneficial impacts	6
Believes the project would have adverse impacts	6
Knowledge of historical, archeological or cemetery sites	1
Knowledge of area environmental constraints	4
Home or property offers limitations to the project that need to be considered during the design	2
Suggestion to better serve the needs of the community	6
Additional Comments	5
Total Comments Received	15



Public Meeting Synopsis

The following is a listing of comments concerning issues associated with this project.

- One comment noted that the project is needed due to heavy traffic.
- One comment noted that the project will be beneficial because it will bring more revenue for the city.
- One comment noted that a water meter may be a limitation to the project.
- Three comments noted the City Park as an environmental constraint.
- One comment noted that the project will help traffic flow.
- One comment noted a cemetery in the area (1675 Nutt Cemeteries)
- One comment noted that completing the project will better serve the needs of the community.
- One comment noted that the project is not needed as the current facility is working ok.
- One comment noted that the project will have an adverse impact to the community by cutting jobs in Hampton and cutting the number of retail sites.
- One comment asked that the curb and gutter be stopped further east from the end of the project.
- Three comments noted that the project is not needed and will have an adverse impact to the community because the road is already wide enough.
- Two comments suggested to make the project better that the highway should be patched/repaved and that the number of impacts should be reduced.
- One comment suggested that the project would be better if the highway was not widened.
- One comment noted that the project will have an adverse impact to the community because the highway will be closer to homes/businesses making the property harder to sell.
- One comment recommended buying the property to use as a construction office site.
- One comment noted that the highway will be more dangerous when it is widened.
- One comment suggested that a bypass of the City would be better than widening the current highway.
- One comment questioned why property is not being taken on one side where the houses and business set farther back instead of off both sides of the highway.



Public Meeting Synopsis

Attachments:

- Blank comment form
- Public officials sign-in sheet
- 11x17 map handout showing project limits
- Small-scale copy of the display board
- 11x17 map handout showing project limits of four widening projects on Hwy. 167 between Hampton and Fordyce

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT (AHTD)



CITIZEN COMMENT FORM

AHTD JOB NUMBER CA0701
HWY. 167 IMPROVEMENTS (HAMPTON)
CALHOUN COUNTY

LOCATION:
HAMPTON HIGH SCHOOL (CAFETERIA)
455 EAST MAIN STREET, HAMPTON, AR
4:00 – 7:00 P.M.
TUESDAY, DECEMBER 15, 2015

Make your comments on this form and leave it with AHTD Connecting Arkansas Program personnel at the meeting or mail it within 15 days to: AHTD Connecting Arkansas Program, Attn: Jon Hetzel, 4701 Northshore Drive, North Little Rock, AR 72118.
Email: Info@ConnectingArkansasProgram.com.

Yes **No**

 Do you feel there is a need for the proposed widening of Highway 167 in Hampton? _____

 Do you feel that the proposed widening project will have any impacts (Beneficial or Adverse) on your property and/or community (either economically, socially, or environmentally, etc.)? Please explain. _____

 Do you know of any historical sites, family cemeteries, or archaeological sites in the proposed 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 staff. _____

(Continued on back)

Yes **No**

Does your home or property offer any limitations to the project, such as septic systems, that need to be considered in the design?

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

It is often necessary for the AHTD 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.ConnectingArkansasProgram.com

PUBLIC OFFICIALS MEETING REGISTER



Meeting Held At: Hampton High School (Cafeteria)
 Job Name: Hwy 167 Improvements (Hampton)

Job No: CA0701
 Date: December 15, 2015

PLEASE PRINT Name	Street or P.O. Box	City, Zip	Representing: Organization or "Self"	How did you hear about this meeting? (Radio, Newspaper, Flyer, etc.)
1. Jon Hetzel	4701 Northshore Dr	NLR 72118	CAP	-
2. Vanessa Griffin	4701 Northshore Dr	NLR 72118	CAP	
3. Paul Robbins	320 Executive Court	Little Rock 72205	HDR ICA	
4. JUSTIN CARNEY	370 EXECUTIVE COURT	LITTLE ROCK 72205	HDR ICA	
5. PATRICK JONES	320 EXECUTIVE COURT	LITTLE ROCK 72205	HDR/ICA	
6. Donna Roche	2311 Biscayne Dr	Little Rock AR 72207	CAP/ORColan	
7. James Barr	320 Executive Court	Little Rock 72205	HDR/ICA	
8. Glynn Fulmer	4701 Northshore Dr.	NLR 72118	CAPM/GARVER	Organizer
9. RICK SHARRON	PO BOX 483	Hampton	MAYOR	PHONE
10. Justin Schinz	PO Box 783	Hampton 71744	Superintendent	Town
11. David Archer	PO Box 8	Camden	D7 AHD	Dep
12. Judy Southall	PO Box 783	Hampton 71744	City treasurer	Flyer
13. Floyd W. Nutt	PO Box 566	Hampton	Cal. Co	
14. Shantelle Mears	2311 Biscayne Dr	Little Rock	ORC	
15. Bill McAbee	4701 NORTHSHORE DR.	" "	CAP	
16.				
17.				
18.				
19.				
20.				

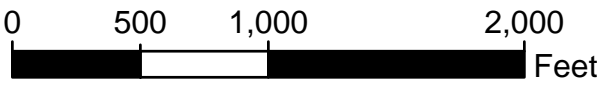


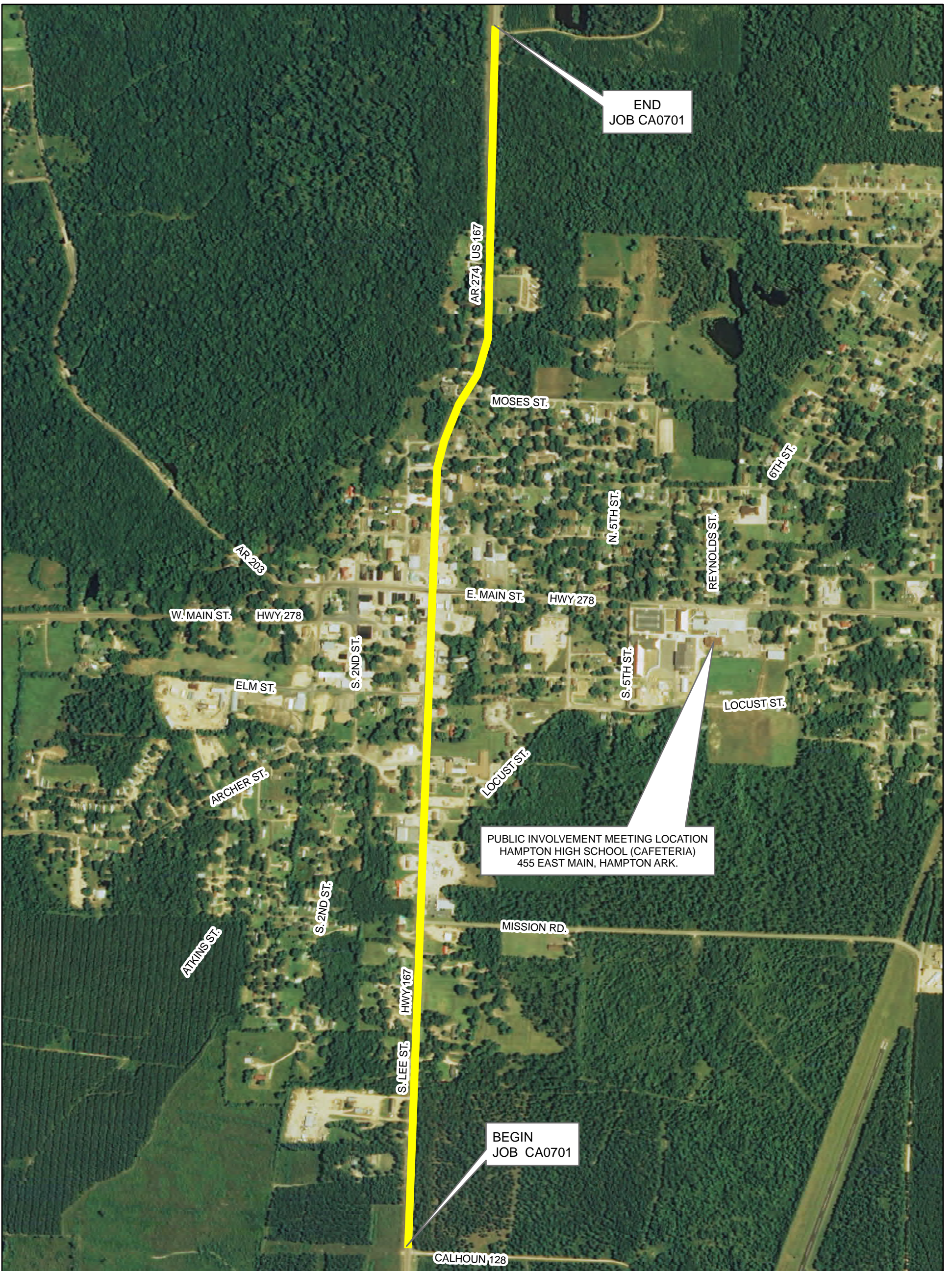
NOTES:

Project Location

Hwy 167 Improvements
Calhoun County, Arkansas
JOB CA0701

PRELIMINARY
SUBJECT TO REVISION

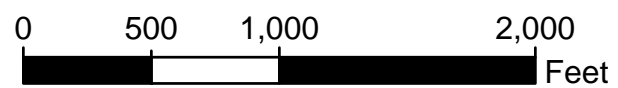




 Project Location

Hwy 167 Improvements
Calhoun County, Arkansas
JOB CA0701

PRELIMINARY
 SUBJECT TO REVISION

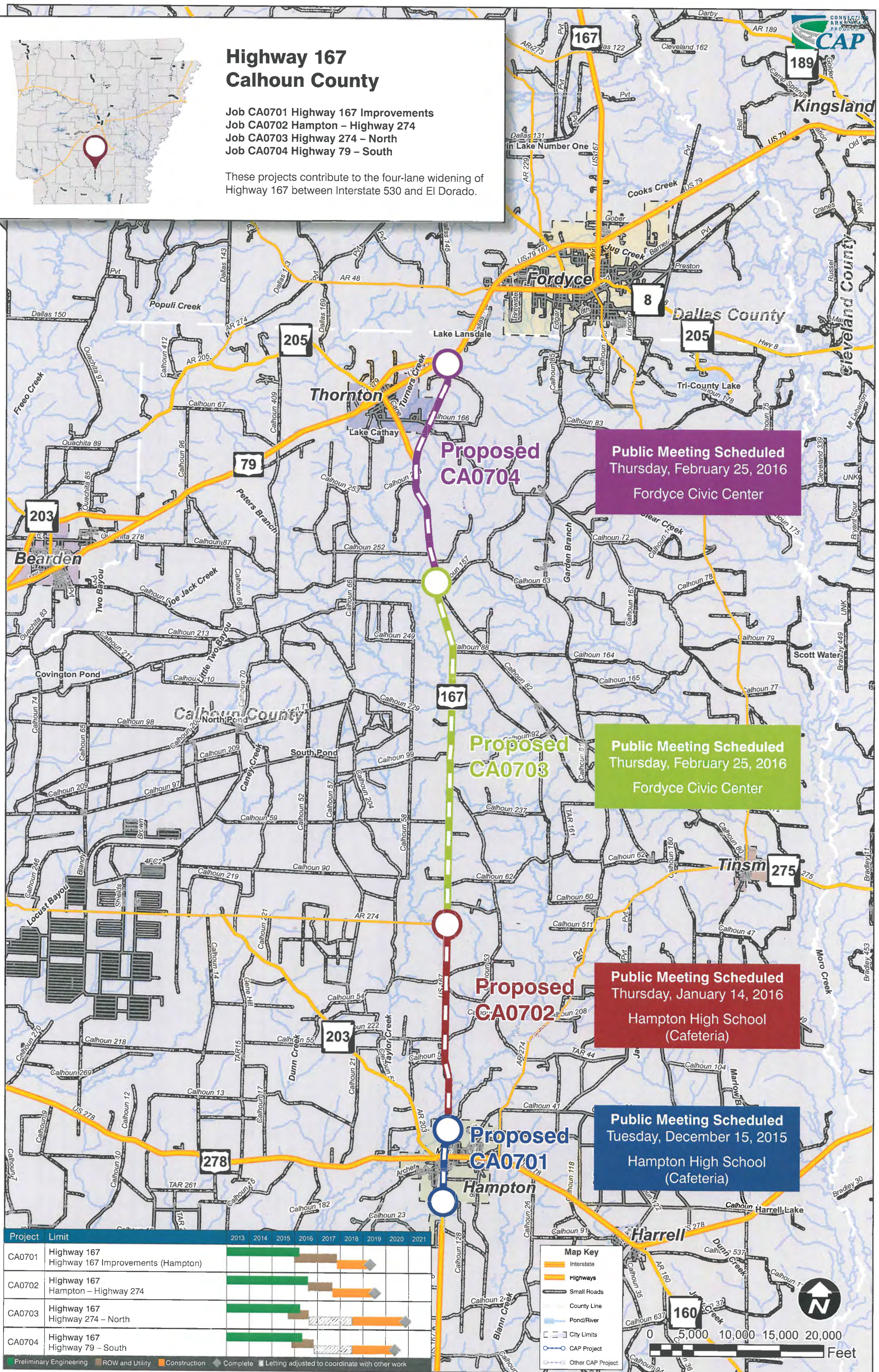




Highway 167 Calhoun County

- Job CA0701 Highway 167 Improvements
- Job CA0702 Hampton – Highway 274
- Job CA0703 Highway 274 – North
- Job CA0704 Highway 79 – South

These projects contribute to the four-lane widening of Highway 167 between Interstate 530 and El Dorado.



Public Meeting Scheduled
Thursday, February 25, 2016
Fordyce Civic Center

Public Meeting Scheduled
Thursday, February 25, 2016
Fordyce Civic Center

Public Meeting Scheduled
Thursday, January 14, 2016
Hampton High School
(Cafeteria)

Public Meeting Scheduled
Tuesday, December 15, 2015
Hampton High School
(Cafeteria)

Project	Limit	2013	2014	2015	2016	2017	2018	2019	2020	2021
CA0701	Highway 167 Highway 167 Improvements (Hampton)									
CA0702	Highway 167 Hampton – Highway 274									
CA0703	Highway 167 Highway 274 – North									
CA0704	Highway 167 Highway 79 – South									

Map Key

- Interstate
- Highways
- Small Roads
- County Line
- Pond/River
- City Limits
- CAP Project
- Other CAP Project



Version: 9/03/2015

Highway 167: Calhoun County

*These project limits are preliminary and are subject to change as project development progresses.

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT

Scott E. Bennett, P.E.
Director
Telephone: (501) 569-2000
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P.O. Box 2261
Little Rock, AR 72203-2261
Telefax: (501) 569-2400
www.ArkansasHighways.com

CONCEPTUAL STAGE RELOCATION STATEMENT

**Job CA 0701
HWY 167 Improvements (Hampton) (S)
Calhoun County**

May 20, 2016

GENERAL STATEMENT OF RELOCATION PROCEDURE

Displaced persons in the proposed right of way for the project will be eligible for relocation assistance in accordance with Public Law 91-646, the Uniform Relocation Assistance Act of 1970. The Relocation Program provides advisory assistance and payments to help offset expenses incurred by those who are displaced. It is the Department's Policy that adequate replacement housing will be made available, built if necessary, before any person is required to move from their dwelling. All replacement housing must be fair housing and offered to all affected persons regardless of race, color, religion, sex or national origin. Construction of the project will not begin until decent, safe and sanitary replacement housing is in place and offered to all affected persons. No lawful occupant shall be required to move without receiving 90 days advance written notice.

Payments to both the residential tenant and business occupants will be based on the increases enacted under MAP-21. There are two basic types of residential relocation payments: (1) Replacement Housing payments and (2) Moving Expense payments. Replacement Housing payments are made to qualified owners and tenants. Businesses are eligible for reimbursement for actual reasonable moving costs. They are also eligible for reestablishment payments, not to exceed \$25,000.00. A business may be eligible for a fixed payment in lieu of the moving costs and reestablishment costs if relocation cannot be accomplished without a substantial loss of existing patronage. The fixed payment will be computed in accordance with the Code of Federal Regulations and cannot exceed \$40,000.00.

Relocation services will be provided until all persons are relocated or their relocation eligibility expires. The Consultant will have listings of available replacement housing and commercial properties. Information is also maintained concerning other Federal and State Programs offering assistance to displaced persons.

If the displacee is not satisfied with the amounts offered as relocation payments, they will be provided a form to assist in filing a formal appeal. A hearing will be arranged at a time and place convenient for the displacee, and the facts of the case will be promptly and carefully reviewed.

PROJECT SPECIFIC DISPLACEMENTS

The anticipated displacements on this project include one (1) residential tenant, four (4) businesses, two (2) landlord businesses, and one (1) partial business. The following paragraphs further discuss the specifics of residential and business benefits.

The residential tenant may receive a rental subsidy payment of up to \$7,200.00. The amount of this payment is determined by a study of the housing market. The tenant may elect to receive a down payment rather than a rental subsidy to enable her to purchase a replacement dwelling. There is one residential tenant. The subject dwelling is two bedrooms, 2 bath.

An extensive search for available rental properties within the project area has been performed with none being found. The search has been extended to 30 miles and only 4 rentals have been found within that 30 mile radius. Only one property is comparable as it has 2 bedrooms, 2 baths. The other three are larger homes consisting of 3 bedrooms, with 1 to 3 baths. Due to the lack of available comparable rental housing, the tenant's age and low income status, the replacement rental housing calculations could result in Housing of Last Resort. The housing sales and rental market inventory were compiled from data obtained from real estate companies, web sites, and local newspapers for the subject area.

At the time of displacement another inventory of available rental housing in the subject area will be obtained and an analysis of the market will be made. All efforts will be made to ensure that there are rental dwellings adequate to meet the needs of the displacee. There are a limited number of rental homes in this area, and those are occupied by long term tenants. Landlords in this area do not advertise their rental properties when one is going to become vacated. As stated by a realtor in the area, landlords have an ongoing waiting list for their rental properties so vacancies are rare. Special relocation advisory services and assistance will be administered commensurate with displacee's needs, when necessary. Examples of these include, but are not limited to, Housing of Last Resort as previously mentioned and consultation with local and federal officials, social services agencies, and other community services.

The seven businesses being impacted include two gas stations, one donut shop and one liquor store, residential landlord and one business landlord and a partial business relocation of a gas station. Two of the gas station businesses affected by the project are full displacements and may not be able to relocate in the immediate area of their displacement. However, current

listings identify gas stations for sale in Pine Bluff and Winchester, Arkansas. The Country Liquor Store and the Donut Place have, although limited, potential relocation options. The partially displaced business, The Sportsman, should be able to relocate the affected canopy and gas pumps off of the right of way and move them back to align them with the other canopy and gas pumps. The Shell Station and Nite & Day gas station may not be able to relocate within the immediate project area, but gas stations for sale were found in neighboring cities.

In order to assist the displaced businesses in relocating, the Consultant will explore all possible sources of funding or other resources that may be available to the businesses. Sources that will be considered include: State and Local entities, the Department of Housing and Urban Development, the Economic Development Administration, the Small Business Administration and other Federal Agencies. Emphasis will be given in providing relocation advisory services to the businesses. Appropriate measures will be taken to ensure that each entity displaced is fully aware of their benefits, entitlements, courses of action that are open to it, and any special provisions designed to encourage businesses to relocate within the same community.

DISPLACEE CHARACTERISTICS AND COSTS

Based on an on-site inspection it is estimated that the project could cause the following displacements and costs:

1 Residential Tenant	\$	25,000.00
2 Landlord Business	\$	50,000.00
4 Businesses	\$	200,000.00
1 Partially Displaced Business	\$	<u>50,000.00</u>
Subtotals	\$	325,000.00
ROW Consultant Services	\$	<u>40,000.00</u>
Total	\$	365,000.00

The general characteristics of the displacees to be relocated are listed on the Conceptual Stage Inventory Record form in **Exhibit A**. The general characteristics have been determined by a visual inspection of the potential displacements by a Relocation consultant. The Relocation consultant utilizes past experiences and knowledge in making this determination.

An available housing inventory has been compiled and indicates there are at least six dwellings available for sale and four dwellings available for rent within thirty miles of the project. Three commercial properties are also currently for sale and no commercial properties have been found for lease in the project area. A breakdown of the properties is shown in **Exhibit B**.

EXHIBIT B

Residential (For Sale)	<u>Number Of Units</u>
\$ 30,000 – 50,000	2
50,001 – 75,000	0
75,001 – 100,000	0
150,000 – 250,000	4
Total	<u>6</u>

Residential (Monthly Rent)	<u>Number Of Units</u>
\$300.00 – 400.00	0
401.00 – 500.00	0
501.00 – 600.00	1
601.00 – 700.00	2
701.00 – 800.00	0
801.00 – 900.00	0
901.00 – 1,200.00	1
Total	<u>4</u>

Commercial Properties (For Sale)	<u>Number Of Units</u>
\$ 0 – 50,000	1
50,001 – 100,000	1
100,001 – 150,000	1
150,001 – 200,000	0
200,001 – 300,000	1
Total	<u>4</u>

Commercial Properties (For Lease)	Average Rent per sf	<u>Number Of Units</u>
1,000 – 2,500 sf		0
2,501 – 4,000 sf		0
Total		<u>0</u>

AHTD JOB NUMBER CA0701

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 2037.

Traffic noise analyses

Traffic noise analyses were performed for the project utilizing a roadway cross-section for Highway 167 consisting of four 11-foot paved travel lanes with curb and gutter and one 12-foot turn lane.

Effects of Project

The traffic noise estimates for the project resulted in a noise abatement distance of 60 feet from the centerline of Highway 167 in 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 South West Arkansas Planning and Development District for possible use in present and future land use planning.

AHTD Environmental Impacts Assessment Form

AHTD Job Number CA0701 FAP Number 9991
 Job Title Highway 167 Improvements (Hampton)

Environmental Impacts	None	Minor	Significant	Comments
Air Quality	X			
Construction Impacts		X		Temporary minor impacts
Cultural Resources	X			SHPO letter attached
Economic	X			
Endangered Species	X			
Energy Resources	X			
Environmental Justice/Title VI	X			
Fish and Wildlife	X			
Floodplains		X		Coordination with CA0702 required; Floodplain permit required.
Forest Service Property	X			
Hazardous Materials/Landfills	X			
Land Use Impacts	X			
Migratory Birds		X		Special Provision for Migratory Birds added
Navigation/Coast Guard	X			
Noise Levels	X			
Prime Farmland	X			
Protected Waters	X			
Public Recreation Lands	X			
Public Water Supply/WHPA	X			Wellhead Protection SP added
Relocatees		X		5 businesses and 1 residential property
Section 4(f)/6(f)	X			
Social	X			
Underground Storage Tanks		X		2 USTs have potential to be impacted
Visual Impacts	X			
Stream Impacts		X		minor culvert extensions; ~132 linear feet permanently impacted
Water Quality		X		Minor and temporary during construction. Champagnolle Creek is listed on 303d list.
Wetlands		X		~0.12 acre permanently impacted
Wildlife Refuges	X			

Section 401 Water Quality Certification Required? No
 Short-term Activity Authorization Required? Yes
 Section 404 Permit Required? Yes Type: Nationwide 14
 Remarks:

Signature of Evaluator



Date:

3/3/2016

DESIGN INFORMATION

Job Number CA0701 FAP Number 9991 County Calhoun

Job Name Hwy. 167 Improvements (Hampton) (S)

Design Engineer HDR ICA

Brief Project Description The purpose of this project is to widen Highway 167 to a five-lane facility to increase the safety and efficiency of the roadway. Sidewalks will be provided on both sides of Hwy. 167 throughout the city limits of Hampton.

EXISTING CONDITIONS:

Roadway Width: 44' to 45' F-F Shoulder Width: 10' wide to C&G

Number of Lanes and Width: 2-4 travel lanes 11' to 12' wide (1-2 Each Direction)

Average Existing ROW Width: 60'-150'

PROPOSED CONDITIONS:

Roadway Width: 58' F-F Shoulder Width: N/A

Number of Lanes and Width: 5 lanes total; 2-11' travel lanes each in direction with a 12' turn lane in the center. 58' from curb face to curb face.

Average Existing ROW Width: 95'

CONSTRUCTION INFORMATION:

If detour: Where: _____ Length: _____

DESIGN DATA:

2017 ADT 3,400 2037 ADT 4,500 %Trucks 16 Design Speed 45 mph

Approximate total length of project: 1.77 mile(s)

Justification for improvements: Safety and condition of existing roadway.



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 8, 2019

Regulatory Division

NATIONWIDE PERMIT NO. **MVK 2016-00971**

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 1.77 miles of U.S. Highway 167 at Hampton. The existing roadway consists of two 12-foot-wide travel lanes with 10-foot-wide shoulders. The new roadway will consist of four 11-foot-wide travel lanes with a 12-foot-wide turn lane and 5-foot-wide sidewalks. Approximately 4.0 acres of additional right-of-way will be acquired for the project. One residence and six businesses will be relocated. Embankment widening will adversely impact approximately 0.2 acres of wetlands. The project will extend box culverts in three unnamed tributaries to Champagnolle Creek. Impacts at each stream crossing will be less than 300 linear feet. There are no endangered species or cultural resources impacts. The project was approved as a Tier 3 Categorical Exclusion by the Federal Highway Administration on June 8, 2016. The project begins just south of Hampton at Calhoun County Road No. 128, and ends just north of Hampton in section 6, T. 14 S., R. 13 W., and in section 31, T. 13 S., R. 13 W., Calhoun County, Arkansas. A vicinity map and project location map 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:

ArDOT agrees to mitigate for the adverse impacts to 0.21 acres of wetlands with 3.41 wetland credits at an approved wetland mitigation bank before construction of the project begins. 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.

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 2016-00971, U.S. Highway 167 widening at the City of Hampton, (ArDOT Job No. CA0701).**

Sincerely,

M. Elaine Edwards

for Sarah Chitwood
Chief, Regulatory Evaluation Branch

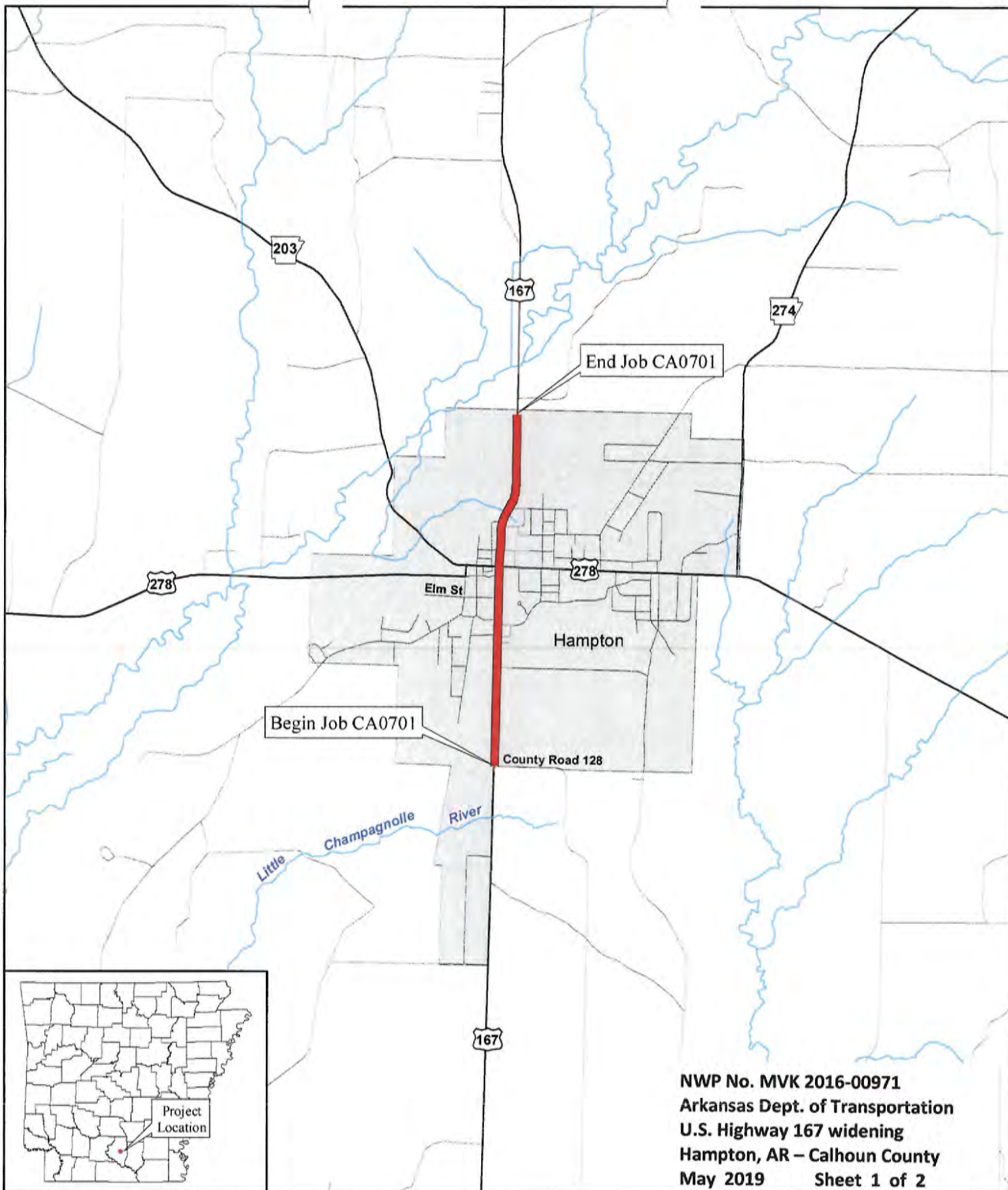
Enclosures

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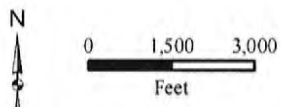
Vicksburg District Regulatory, w/cy encls.

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

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

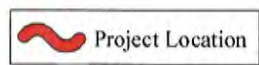


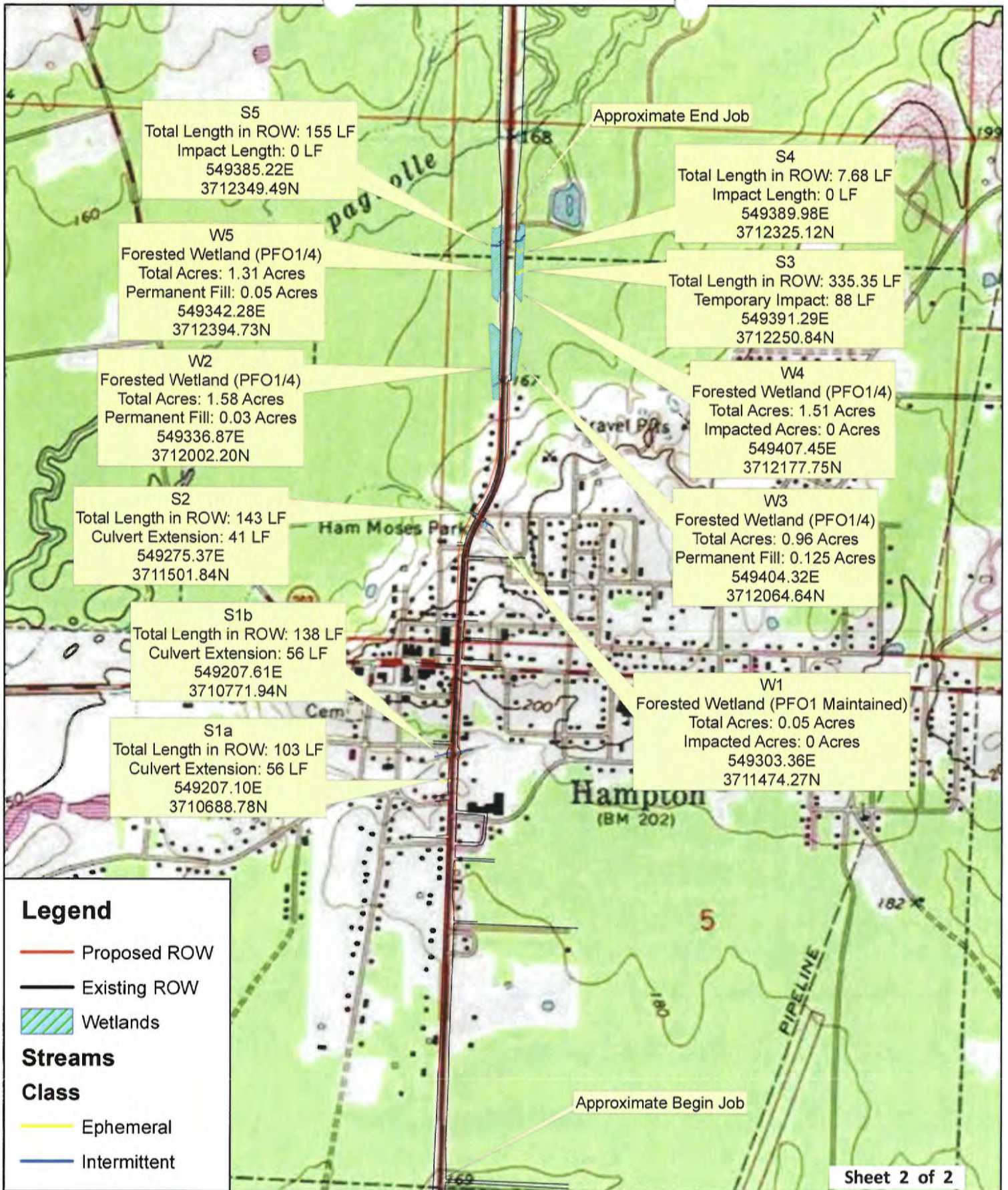
NWP No. MVK 2016-00971
Arkansas Dept. of Transportation
U.S. Highway 167 widening
Hampton, AR – Calhoun County
May 2019 Sheet 1 of 2



AHTD - Environmental GIS - Reed
 April 21, 2016

Job CA0701
 Hwy. 167 Improvements
 (Hampton)
 Calhoun County





Sheet 2 of 2



CA0701 - Topographic Map
 Calhoun County, Arkansas (USGS Quadrangle - Hampton)

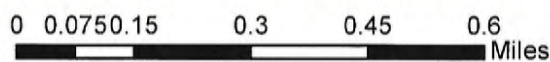


Figure 1