

TIER 3 CATEGORICAL EXCLUSION

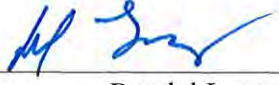
ARDOT JOB NUMBER 100879  
FAP NUMBER NHPP-9227(67)  
Hwy. 49/Parker Rd. Inters. Impvts. (Jonesboro) (S)  
Craighead County, Arkansas

Submitted Pursuant to Title 42 U.S. Code §4332(2)  
By the  
U.S. Department of Transportation  
Federal Highway Administration  
and the  
Arkansas Department of Transportation

Prepared by  
Fisher Arnold, Inc.  
9180 Crestwyn Hills Drive  
Memphis, TN 38125

April 30, 2019

April 30, 2019  
Date of Approval

  
\_\_\_\_\_  
Randal Looney  
Environmental Specialist  
Federal Highway Administration

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

The City of Jonesboro (Jonesboro) is proposing to widen a segment of Highway 49 and improve the Highway 49 at Parker Road intersection in Jonesboro. The purpose of the proposed widening project is to improve capacity, improve the current level of service, and to accommodate future traffic growth. Highway 49 and Parker Road are primary roadways in Jonesboro, and their intersection is heavily traveled. Figure 1 shows the project location. All existing and proposed roadways and shoulders are, and will be, paved. The existing cross sections are described below.

**Highway 49, north of Parker Road intersection** - Open shoulders and a total of six lanes. *Southbound* - two 12' wide through lanes, one 11' wide left-turn lane, and one 11' wide right-turn lane. *Northbound* - two 12' wide northbound through lanes. These lanes are within Interstate 55 (I-55) right of way.

**Highway 49, south of Parker Road intersection** - Curb and gutter and a total of six lanes. *Southbound* - two 12' wide through lanes. *Northbound* - two through lanes (one 11' wide and one 12' wide); one 11' wide left-turn lane; and one 11' wide right-turn lane. The right of way width is 130'.

**Parker Road, west of the Highway 49 intersection** - Open shoulders and a total of three lanes. *Westbound* - one 11' wide through lane. *Eastbound* - one 11' wide through/right-turn lane and one 11' wide left-turn lane. The right of way width is 70'.

**Parker Road, east of the Highway 49 intersection** - Open shoulders and a total of three lanes. *Westbound* - one 12' wide through/left-turn lane and one 12' right-turn lane. *Eastbound* - one 12' wide through lane. The right of way width is 60'.

The proposed cross sections are described below.

**Highway 49, north of Parker Road intersection** - Open 8' wide shoulders and a total of eight lanes. *Southbound* - two 12' wide through lanes; one 12' wide right-turn lane; and two 11' wide left-turn lanes. *Northbound* - two 12' wide through lanes and one 12' wide right-turn lane. No sidewalks or bike lanes would be constructed. The right of way would be within I-555 right of way.

**Highway 49, south of the Parker Road intersection** - 8' wide shoulders with curb and a total of eight lanes. *Southbound* - two 11' wide through lanes. *Northbound* - three 11' wide through lanes; one 11' wide right-turn lane; one 12' wide left-turn lane; and one 12' wide channelized area.

**Figure 1. Project Location**



A 5' wide sidewalk on both sides of the roadway would be constructed, although bike lanes would not. The right of way width would be 165'.

**Parker Road, west of the Highway 49 intersection** – 8'wide shoulders with curb and a total of five lanes. *Westbound* - one 11' wide through lane. *Eastbound* – two 11' wide through lanes and two 12' wide left-turn lanes. A 5' wide sidewalk on both sides of the roadway would be constructed, although bike lanes would not. The right of way width would be 70'south of the centerline, within I-555 right of way north of the centerline.

**Parker Road, east of the Highway 49 intersection** - 8'wide open shoulders and a total of six lanes. *Westbound* - one 11' wide through lane; one 12' wide right-turn lane; one 11' wide left-turn lane; and one 11' wide channelized area. *Eastbound* – two 12' wide through lanes. No sidewalks or bike lanes would be constructed. The right of way width would be 70'south of the centerline and within I-555 right of way north of the centerline.

Approximately 0.94 acre of permanent right of way will be required for this project, along with approximately 0.1 acre of temporary construction easement.

Design data for the project is as follows:

Design Year	Average Daily Traffic	Percent Trucks	Design Speed (mph)
2020	23,050	7	40 (Highway 49) 35 (Parker Road)
2040	32,066	7	40 (Highway 49) 35 (Parker Road)

There are no relocations, wetlands, environmental justice issues, prime farmland, floodplains, or endangered species associated with this project. No impacts to cultural resources are anticipated. Correspondence from the State Historic Preservation Office (SHPO) is provided in Appendix A. Field inspections found no evidence of existing underground storage tanks or hazardous waste deposits. An unnamed tributary of Higginbottom Creek runs under Parker Road within the project area, therefore a Section 404 Permit is required. The U.S. Army Corps of Engineers issued a Nationwide Permit for this project, which is included with all other agency correspondence in Appendix A.

This project has been determined to generate minimal air quality impacts for Clean Air Act criteria pollutants and has not been linked with any special mobile source air toxic (MSAT) concerns. As such, this project will not result in changes in traffic volumes, vehicle mix, basic project location, or any other factor that would cause a meaningful increase in MSAT impacts of the project from that of a no-build alternative.

The screening level noise analysis completed for this project is provided in Appendix B. Minor noise impacts to three residences are predicted. However, noise mitigation would not be feasible or reasonable. The ARDOT Environmental Verification Checklist for Consideration of Potential Impacts Assessments Form is found in Appendix C.

The Jonesboro hosted a Public Meeting for this project at the Municipal Center on December 7, 2017. The public comments resulting from this meeting are found in Appendix D.

# **APPENDIX A**

---

## **Agency Correspondence**





98741  
FHWA

July 6, 2017

Tim Dodson  
Arkansas Historic Preservation Program  
1100 North Street  
Little Rock, AR 72201

**AHPP**  
JUL 11 2017

RE: Information on Historic Properties

Dear Mr. Dodson,

A roadway improvement project has been proposed by the City of Jonesboro for Highway 49 at Parker Road in Jonesboro, Craighead County, Arkansas. The improvements primarily consist of widening both Highway 49 and Parker Road along this intersection to allow for additional turn lanes and through lanes. Because the proposed roadway improvement project will be partially funded by Federal funds, the requirements of NEPA must be addressed.

The project occurs within a developed commercial area and is not expected to result in significant environmental impacts. In addition, this project falls within the definition of a Tier 3 Categorical Exclusion as defined by Title 40 Code of Federal Regulations (CFR) Part 771, §117. The attached aerial photograph shows the project site and the planned improvements (highlighted with yellow lines) to Highway 49 at Parker Road.

Please review the project site and provide information regarding potential impacts to any historic properties in the project area, if applicable. If you have questions or need additional information, please contact me at your convenience.

Regards,

Tim Alexander  
Project Manager  
talexander@fisherarnold.com  
901-748-1811

980 Crestwyn Oaks Drive  
Memphis, TN 38125

901.748.1811  
Toll Free: 1.888.585.9724

www.fisherarnold.com

JUL 11 2017

JUL 11 2017  
Date  
No known historic properties will be  
affected by this undertaking. This  
effect determination could change  
should new information come to light.  
  
Arkansas State Historic Preservation Officer



## 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



July 17, 2017

Tim Alexander  
Fisher Arnold, Inc.  
9180 Crestwyn Hills Drive  
Memphis, TN 38125

Dear Mr. Alexander:

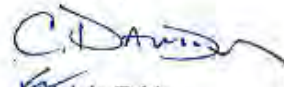
The U.S. Fish and Wildlife Service (Service) has reviewed the information supplied in your letter, dated July 6, 2016, regarding proposed Highway 49 at Parker Road improvement project near the city of Jonesboro, Craighead County, Arkansas. Our comments are submitted in accordance with the Endangered Species Act (87 Stat. 884, as amended 16 U.S.C. 1531 et seq.).

The Service concurs with the determination of "no effect" for the Rabbitsfoot (*Quadrula cylindrica cylindrica*), Scaleshell (*Leptodea leptodon*), and Fat Pocketbook (*Potamilus capax*). The Service does not concur with the determination of "may affect, not likely to adversely affect" for the Northern Long-eared Bat (*Myotis septentrionalis*), Indiana Bat (*Myotis sodalis*), and Pondberry (*Lindera melissifolia*). Our non-concurrence is based on the following reason: Northern Long-eared Bat, Indiana Bat, and Pondberry do not occur in the action area and/or the action will not have direct or indirect effects to the above listed species due to absence of suitable habitat within the project footprint and areas outside the project footprint. As such, your determination of may affect, but not likely to adversely affect these species would not be appropriate.

Please be aware Bald Eagle is not protected under the ESA. Bald Eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 et seq.). Refer to the Service's website at [www.fws.gov/southeast/our-services/permits/eagles/#national-rules-and-regulations](http://www.fws.gov/southeast/our-services/permits/eagles/#national-rules-and-regulations) for management guidelines and conservation measures.

We appreciate your interest in the conservation of endangered species. If you have any questions, please contact the Arkansas Ecological Services Staff at (501) 513-4487.

Sincerely,

  
Melvin Tobin  
Project Leader





Wed 8/9/2017 9:28 AM

Hairston, Lazendra <HAIRSTONL@adeq.state.ar.us>

RE: Roadway Improvement in Jonesboro AR

To: Tim Alexander

Tim,

The Water Division has completed its review of the above request and has the following comments:

Based on the maps that were provided, it appears that no Water of the State will be impacted during the course of this project. If the final plans are changed and later incorporate possible impacts to Waters of the State, your office should contact ADEQ for information regarding how to apply for a Short Term Activity Authorization (STAA) from the Office of Water Quality. The STAA allows a one-time exceedance of the water quality standards for activity that is "essential to the protection or promotion of the public interest and where no permanent or long-term impairment of beneficial uses is likely to result (Reg. 2.305, Regulation No. 2, ADEQ)."

In addition, you may also need to apply for and comply with all provisions of the NPDES General Stormwater Construction Permit and submit a Pollution Prevention Plan to the Water Division of ADEQ. This information can be obtained by contacting ADEQ at 501 682-0621.

Regards,

*Lazendra Hairston*

Ecologist, STAA and 401 Certifications

Arkansas Department of Environmental Quality

<https://www.adeq.state.ar.us/water/planning/instream/>

<https://www.adeq.state.ar.us/water/planning/pdfs/staa-form.pdf>

5301 Northshore Drive

North Little Rock, AR 72118

Office: 501-682-0946

Fax: 501-682-0910



**DEPARTMENT OF THE ARMY**  
MEMPHIS DISTRICT CORPS OF ENGINEERS  
167 NORTH MAIN STREET B-202  
MEMPHIS, TENNESSEE 38103-1894

August 24, 2017

Mr. Tim Alexander  
Fisher Arnold Engineering Integration  
9180 Crestwyn Hills Drive  
Memphis, Tennessee 38125

Dear Mr. Alexander:

This is in reference to your request dated July 6, 2017, for our Preliminary Jurisdiction Determination (PJD) and your request for a Nationwide Permit verification dated August 17, 2017, along a roadway improvement project at Highway 49 and Parker Road in Jonesboro, Arkansas, as shown on the enclosed map. Our PJD is that the unnamed tributary of Higginbottom Creek may be waters of the United States. Based on our PJD a Section 404 permit would be required. However, as proposed your project meets the criteria of Nationwide Permit (NWP) No. 14 for Linear Transportation Projects pursuant to Federal Register, Volume 82, Number 4, dated January 6, 2017.

The PJD is included for concurrence. If you agree with this PJD, please sign the form and return it to the address listed above. If the PJD is not returned within 30 days of the date of this letter, we will assume your concurrence. A PJD cannot be appealed. If you object to this PJD, please see Section I.E. of the attached Notification of Administrative Appeal Options and Process and Request for Appeal form, on how to proceed or call the Memphis District, Regulatory Branch for assistance at the number listed below.

This verification is valid until the NWP is modified, reissued or revoked. All of the existing NWPs are scheduled to be modified, reissued or revoked prior to March 18, 2022. It is incumbent upon you to remain informed of changes to the NWPs. We will issue a public notice when the NWPs are reissued. Furthermore, if you commence or are under contract to commence this activity before the date that the relevant NWP is modified or revoked, you will have 12 months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of this NWP.

The attached general and state conditions must be met. Note specifically General Conditions 9, 12, 18 and 20 concerning management of water flows, soil erosion and sediment control, endangered species and historic properties. If all conditions cannot be met an individual permit may be required.

This permit conveys no property rights, either in real estate or material or any exclusive privileges. Furthermore, no injury to property or invasion of rights or any infringement of federal, state or local laws or regulations is authorized.

The decision regarding these actions is based on information found in the administrative record, which documents the district's decision-making process, the basis for the decision and the final decision.

The attached certification form must be signed and returned to the Corps of Engineers within 30 days after project completion.

The Memphis District, Regulatory Branch is committed to providing quality and timely service to our customers. In an effort to improve customer service, we invite you to complete a customer service survey found on our website at [http://corpsmapu.usace.army.mil/crm\\_apex/f?p=regulatory\\_survey](http://corpsmapu.usace.army.mil/crm_apex/f?p=regulatory_survey). Your comments, positive or negative, will not affect any current or future dealings with the Corps of Engineers.

Your cooperation in the regulatory program is appreciated. If you have questions, please contact Damon McDermott at (901) 544-0732 and refer to File No. MVM-2017-222.

Sincerely,



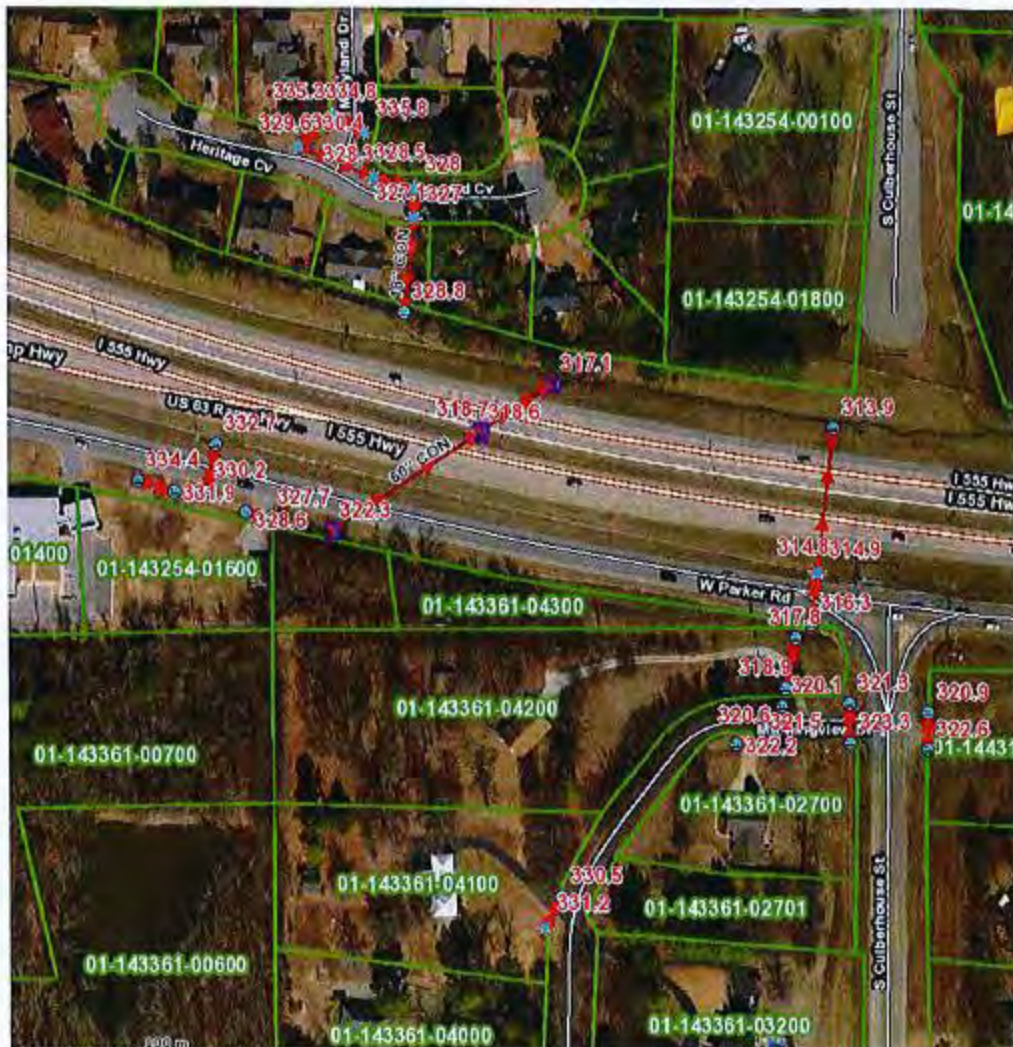
Roger S. Allan  
Supervisor  
Regulatory Branch

Enclosures



## Aerial – Highway 49 at Parker Road Improvements

Eastern Segment of Project near Culberhouse Street  
(Red Arrows and Lines Indicate Pipes)



**Appendix 2 - PRELIMINARY JURISDICTIONAL DETERMINATION (PJD) FORM**

**BACKGROUND INFORMATION**

**A. REPORT COMPLETION DATE FOR PJD:** August 2, 2017

**B. NAME AND ADDRESS OF PERSON REQUESTING PJD:** Tim Alexander, 9180 Crestwyn Hills Drive, 38125

**C. DISTRICT OFFICE, FILE NAME, AND NUMBER:** MVM-2017-222

**D. PROJECT LOCATION(S) AND BACKGROUND INFORMATION:**

(USE THE TABLE BELOW TO DOCUMENT MULTIPLE AQUATIC RESOURCES AND/OR  
AQUATIC RESOURCES AT DIFFERENT SITES)

State: Arkansas County/parish/borough: Craighead City: Jonesboro

Center coordinates of site (lat/long in degree decimal format):

Lat.: 35.807283° Long.: -90.716340°

Universal Transverse Mercator: UTM 15

Name of nearest waterbody: Higginbottom Creek

**E. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):**

☐ Office (Desk) Determination. Date:

☒ Field Determination. Date(s): August 2, 2017

**TABLE OF AQUATIC RESOURCES IN REVIEW AREA WHICH "MAY BE" SUBJECT TO REGULATORY  
JURISDICTION.**

Site number	Latitude (decimal degrees)	Longitude (decimal degrees)	Estimated amount of aquatic resource in review area (acreage and linear feet, if applicable)	Type of aquatic resource (i.e., wetland vs. non-wetland waters)	Geographic authority to which the aquatic resource "may be" subject (i.e., Section 404 or Section 10/404)
1	35.807283°	-90.716340°	100 linear feet	non-wetland waters	Section 404



- 1) The Corps of Engineers believes that there may be jurisdictional aquatic resources in the review area, and the requestor of this PJD is hereby advised of his or her option to request and obtain an approved JD (AJD) for that review area based on an informed decision after having discussed the various types of JDs and their characteristics and circumstances when they may be appropriate.
- 2) In any circumstance where a permit applicant obtains an individual permit, or a Nationwide General Permit (NWP) or other general permit verification requiring "pre-construction notification" (PCN), or requests verification for a non-reporting NWP or other general permit, and the permit applicant has not requested an AJD for the activity, the permit applicant is hereby made aware that: (1) the permit applicant has elected to seek a permit authorization based on a PJD, which does not make an official determination of jurisdictional aquatic resources; (2) the applicant has the option to request an AJD before accepting the terms and conditions of the permit authorization, and that basing a permit authorization on an AJD could possibly result in less compensatory mitigation being required or different special conditions; (3) the applicant has the right to request an individual permit rather than accepting the terms and conditions of the NWP or other general permit authorization; (4) the applicant can accept a permit authorization and thereby agree to comply with all the terms and conditions of that permit, including whatever mitigation requirements the Corps has determined to be necessary; (5) undertaking any activity in reliance upon the subject permit authorization without requesting an AJD constitutes the applicant's acceptance of the use of the PJD; (6) accepting a permit authorization (e.g., signing a proffered individual permit) or undertaking any activity in reliance on any form of Corps permit authorization based on a PJD constitutes agreement that all aquatic resources in the review area affected in any way by that activity will be treated as jurisdictional, and waives any challenge to such jurisdiction in any administrative or judicial compliance or enforcement action, or in any administrative appeal or in any Federal court; and (7) whether the applicant elects to use either an AJD or a PJD, the JD will be processed as soon as practicable. Further, an AJD, a proffered individual permit (and all terms and conditions contained therein), or individual permit denial can be administratively appealed pursuant to 33 C.F.R. Part 331. If, during an administrative appeal, it becomes appropriate to make an official determination whether geographic jurisdiction exists over aquatic resources in the review area, or to provide an official delineation of jurisdictional aquatic resources in the review area, the Corps will provide an AJD to accomplish that result, as soon as is practicable. This PJD finds that there "may be" waters of the U.S. and/or that there "may be" navigable waters of the U.S. on the subject review area, and identifies all aquatic features in the review area that could be affected by the proposed activity, based on the following information:

**SUPPORTING DATA. Data reviewed for PJD (check all that apply)**

Checked items should be included in subject file. Appropriately reference sources below where indicated for all checked items:

- ☒ Maps, plans, plots or plat submitted by or on behalf of the PJD requestor:  
Map: See application package dated July 11, 2017
- ☐ Data sheets prepared/submitted by or on behalf of the PJD requestor.  
☐ Office concurs with data sheets/delineation report.  
☐ Office does not concur with data sheets/delineation report. Rationale: \_\_\_\_\_
- ☐ Data sheets prepared by the Corps: \_\_\_\_\_
- ☐ Corps navigable waters' study: \_\_\_\_\_
- ☒ U.S. Geological Survey Hydrologic Atlas: Craighead County, AR; ORM2 Maps  
☒ USGS NHD data.  
☒ USGS 8 and 12 digit HUC maps.
- ☒ U.S. Geological Survey map(s). Cite scale & quad name: Herman & Jonesboro Quadrangle; ORM2 Maps
- ☐ Natural Resources Conservation Service Soil Survey. Citation: \_\_\_\_\_
- ☐ National wetlands inventory map(s). Cite name: \_\_\_\_\_
- ☐ State/local wetland inventory map(s): \_\_\_\_\_
- ☐ FEMA/FIRM maps: \_\_\_\_\_
- ☐ 100-year Floodplain Elevation is: \_\_\_\_\_ (National Geodetic Vertical Datum of 1929)
- ☒ Photographs: ☒ Aerial (Name & Date): Google Earth various dates  
or ☐ Other (Name & Date): \_\_\_\_\_
- ☐ Previous determination(s). File no. and date of response letter: \_\_\_\_\_
- ☐ Other information (please specify): \_\_\_\_\_

**IMPORTANT NOTE: The information recorded on this form has not necessarily been verified by the Corps and should not be relied upon for later jurisdictional determinations.**

 8/22/17

Signature and date of  
Regulatory staff member  
completing PJD

 9/5/17

Signature and date of  
person requesting PJD  
(REQUIRED, unless obtaining  
the signature is impracticable)<sup>1</sup>

<sup>1</sup> Districts may establish timeframes for requestor to return signed PJD forms. If the requestor does not respond within the established time frame, the district may presume concurrence and no additional follow up is necessary prior to finalizing an action.

# **APPENDIX B**

---

## **Screening Level Noise Analysis**

# Bowlby & Associates, Inc.

---



504 Autumn Springs Court, #11  
Franklin, Tennessee 37067-8278  
(615) 771-3006, Fax (615) 771-3406  
[cpatton@bowlbyassociates.com](mailto:cpatton@bowlbyassociates.com)

October 12, 2017

Mr. Tim Alexander, Project Manager  
Fisher Arnold  
9180 Crestwyn Hills Drive  
Memphis, TN 38125

Dear Mr. Alexander:

**Subject: Screening Level Noise Analysis  
Highway 49/Parker Road Intersection Improvements  
Jonesboro, Arkansas  
ARDOT Job # 100879**

As directed by Arkansas Department of Transportation Environmental Division staff we have conducted a screening level noise analysis on the Highway 49/Parker Road Intersection Improvements project. This letter serves as our reporting on that 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 (Activity Category B), and exterior frequent human use areas near schools, churches, parks and cemeteries (Activity Category C). The noise abatement standard of 72 dB(A) is used for sensitive commercial noise receptors, such as outdoor seating areas of restaurants or office buildings. The term "approach" is considered to be one dB(A) less than the noise abatement standard.

### ***Traffic noise analyses***

This Type I project of roadway improvements includes adding a third northbound through lane on Highway 49, beginning approximately 400 feet south of Parker Road and terminating in a dedicated right turn lane at the Interstate 555 (I-555) southbound ramp terminal. A second eastbound left turn lane will be added to Parker Road. A second southbound left-turn lane will be added on Highway 49. The westbound thru and left-turn movements on Parker Road will be separated. Finally, a second eastbound travel lane on Parker Road between Highway 49 and Highway 141 will be added. This report contains a "Screening Level" traffic noise analysis utilizing the Federal Highway Administration's Traffic Noise Model 2.5 (TNM), proposed roadway information, and projected traffic volumes for 2040.

Traffic noise analyses were performed for the project utilizing TNM to calculate traffic noise levels from the proposed 6-lane cross-section of Highway 49 and the proposed 3-lane cross-section of Parker Road. The 6-lane section of Highway 49 consisted of five 11-foot paved travel lanes, three northbound and two southbound, with one 11-foot center turn lane. The 3-lane section of Parker Road consisted of two 11-foot paved travel lanes eastbound with one 11-foot paved travel lane westbound. The Parker Road TNM run also contained the 4-lane cross section of I-555. An array of receivers was placed at 10-foot intervals away from Highway 49 and Parker Road to determine the approximate distance from the proposed edge of roadway pavement (EOP) to the 66 dB(A) traffic noise level. The model assumed an at-grade condition, no intervening buildings, and a "grass" default ground type.

The design speed of 45 mph was used for Highway 49. The posted speed of 40 mph was used for Parker Road, and the posted speed of 65 mph was used for I-555.



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

The traffic noise predictions for the project resulted in the following distances to impact for Category B and C land uses:

- 130 feet from Highway 49
- 195 feet from Parker Road (this distance includes the traffic noise from I-555)

There is one single family residence within 130 feet of Highway 49. There are two single family residences within 195 feet of Parker Road. Traffic noise from I-555 is a major contributor to the noise environment along Parker Road. The distance to a predicted impact from I-555 alone is 155 feet from Parker Road.

In summary, our analysis predicted three single family residences as impacted by the project.

### ***Traffic Noise Abatement***

Since noise impacts are expected to result from the project, noise abatement may be needed. Based upon ARDOT's *Policy on Highway Traffic Noise Abatement*, it is generally not feasible to provide noise abatement on non-access controlled roadways. The need to provide access to the roadway from adjacent properties may require further noise abatement analysis.

To avoid noise levels in excess of impact levels, any future receptors should be located a minimum of 10 feet beyond the predicted distance to noise impact 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 East Arkansas Planning and Development District for possible use in present and future land use planning.

Mr. Tim Alexander

October 12, 2017

Page 4

If you have any questions or need further information, please contact me.

Sincerely yours,

A handwritten signature in black ink, appearing to read "CP" followed by a stylized flourish.

Clay Patton

Senior Project Manager

# **APPENDIX C**

---

## **ARDOT Environmental Verification Checklist for Consideration of Potential Impacts Form**


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

ARDOT Job Number 100879 FAP Number NHPP-9227(67)  
Job Title Hwy. 49/Parker Rd. Inters. Impvts. (Jonesboro) (S)

Environmental Resource	None	Minimal	Major	Comments-required for each item
Air Quality	X			No impacts; project located in AQ attainment area
Cultural Resources	X			SHPO correspondence (7/11/17)
Economic	X			No adverse impacts
Endangered Species	X			USFWS correspondence (7/17/17)
Environmental Justice/Title VI	X			EJ populations not located in area
Fish and Wildlife	X			USFWS correspondence (7/17/17)
Floodplains	X			Floodplain SP not required (Zone X)
Forest Service Property	X			None in project area
Hazardous Materials/Landfills	X			None identified in project area
Land Use		X		0.94 acres new ROW; 0.10-acre TCE
Migratory Birds	X			No structures with nests in project footprint
Navigation/Coast Guard	X			No navigable waterway concerns
Noise Levels		X		Noise analysis enclosed (10/12/17)
Prime Farmland	X			Not located in project footprint
Protected Waters	X			None located in project area
Public Recreation Lands	X			None located in project footprint
Public Water Supply/WHPA	X			No public water supply/WHPA impacts
Relocates	X			No relocations necessary
Section 4(f)/6(f)	X			4(f) / 6(f) resources not in project footprint
Social	X			No adverse social impacts identified
Underground Storage Tanks	X			None located in project area
Visual	X			No adverse visual quality impacts
Streams	X			STAA not required by ADEQ
Water Quality		X		USACE Nationwide Permit (8/24/17)
Wetlands	X			None in project footprint
Wildlife Refuges	X			None in project area

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

Remarks:

Signature of Evaluator  Date 2/19/19

# **APPENDIX D**

---

## **Public Comments**



Date: December 7, 2017

Meeting Held At: Municipal Center

Job: Intersection Improvements for Hwy 49 at Parker Road

Job: Widening of Hwy 1B from Forest Hill Road to Parker Road

Job No. 100879

Job No. 100881

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 Rudy Dillard	1707 W. Main St. Rd	JB 72404	Central Baptist	
2 Eric Brown	" " "	" "	Central Baptist	
3 Barry Alumbaugh	920 Rolling Forest Dr	JB 72404		
4 Vince Percy	3200 Rhonda Dr	72404	self	Face book
5 Selina Reithmeier	4102 Forest Hill	72404	Self	News
6 Brent Walker	2509 Cottonwood	Jboro 72401	self	Facebook
7 Alan Walle	P.O. Box 98 Paragould	AR 72450	AHTD	work
8 Tiffany Callaway	1111 Elm Ln	Jonesboro 72404	CUT	
9 Cecelia Cochran	Municipal Center	Jonesboro 72404	NARTPC	Email
10 Johnny Berry	4112 Oak Hill	JONESBORO 72401	SELF	NEWSPAPER
11 Sharilyn Berry	4112 Oak Hill Ln	Jonesboro, 72401	Self	newspaper
12 Susan Hall	1304 W. Jefferson	72401	—	—
13 Stacy Barber	1608 Troutman Ln	Jonesboro, 72404	self	Kait8 app
14 Jesse Barber	1608 Troutman Ln	Jonesboro, 72404	self	Kait8 app

Date: December 7, 2017

Meeting Held At: Municipal Center

Job: Intersection Improvements for Hwy 49 at Parker Road

Job: Widening of Hwy 1B from Forest Hill Road to Parker Road

Job No. 100879

Job No. 100881

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 Franklin Bradley	3912 Brandywine	Jonesboro 72404	Self	Newspaper
2 Gaudil E. Davis	2813 Brookwood	72401	SELF	—
3 David Pierce	P.O. Box 16888	Jonesboro 72403	Self	
4 Basil Smith	P.O. Box 98	Paragould, AR 72450	AR DOT	
5 Rick Carmack	P.O. Box 98	PARAGOULD AR 72451	AR DOT	
6 Jeff Harnden	4104 Renee Dr	Jonesboro	Self	newspaper
7 Ed Tanner	4301 WOODREST	Jonesboro	self	work
8 Danny Liles	605 Marlo Dr	Jonesboro	Self	Radio
9 Louis Clarke	3004 Nedy Rd	Jonesboro	self	
10 John Penkey	4902 Jessiez Dr.	Southaven, MS 38672	Fisher Arnold	
11 Matthew Bowles	3208 HANNAM HILL	JONESBORO	FISHER ARNOLD	
12 Jeremy Beville	1801 Latayette Dr.	Jonesboro	Fisher Arnold	
13				
14				

**CITY OF JONESBORO**  
**CITIZEN COMMENT FORM - SUMMARY**

AHTD JOB NUMBER 100879  
INTERSECTION IMPROVEMENTS FOR HIGHWAY 49 AT PARKER ROAD  
CRAIGHEAD COUNTY

LOCATION:  
MUNICIPAL CENTER  
MAIN LOBBY  
4:00 – 7:00 P.M.  
THURSDAY, DECEMBER 7, 2017

Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do you feel there is a need for the intersection improvements at the intersection of the Highway 49 at Parker Road? Comment (optional). _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do you feel that the proposed design presented at this meeting will improve the traffic flow through the area? Please explain. _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	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 City of Jonesboro staff. _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do you have any concerns related to the proposed design (e.g. change in access, etc.) or suggestions for additions/modifications? _____

**Comments:**

Yes – Consider better lane marking for southbound traffic traveling left  
Yes – When traveling west on Parker Rd between 1B and 49, many times it's difficult to turn left to access Sonic, Home Depot, 1<sup>st</sup> Care, etc. This leads to people sitting at a total stand still in that northern most lane with traffic approaching them from behind.

<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do you feel that the proposed design will result in any impacts (Beneficial or Adverse) on your property and/or community (e.g. economic, environmental, social, etc.)? Please explain. _____
-------------------------------------	--------------------------	---

**Comments:**

Beneficial

Not Sure

Beneficial – Allows better safe traffic flow for emergency vehicles

**Six (6) Comment forms returned.**

**Twenty-six (26) attendees.**

**Note:**

- Some comment forms were not marked yes or no
- A comment form regarding the entire project is attached

**CITY OF JONESBORO**  
**CITIZEN COMMENT FORM**

**AHTD JOB NUMBER 100879**  
**INTERSECTION IMPROVEMENTS FOR HIGHWAY 49 AT PARKER ROAD**  
**CRAIGHEAD COUNTY**

**LOCATION:**  
**MUNICIPAL CENTER**  
**MAIN LOBBY**  
**4:00 – 7:00 P.M.**  
**THURSDAY, DECEMBER 7, 2017**

Make your comments on this form and leave it with City of Jonesboro personnel at the meeting or mail it within 15 days to: City of Jonesboro, Engineering Department, P.O. Box 1845, Jonesboro, AR 72403 or Email: [clight@jonesboro.org](mailto:clight@jonesboro.org).

Yes ☒ No ☐

Do you feel there is a need for the intersection improvements at the intersection of the Highway 49 at Parker Road?  
Comment (optional). \_\_\_\_\_

☒ ☐

Do you feel that the proposed design presented at this meeting will improve the traffic flow through the area? Please explain. \_\_\_\_\_

☐ ☒

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 City of Jonesboro staff. \_\_\_\_\_

(Continued on back)

Yes

No

☐☐

Do you have any concerns related to the proposed design (e.g. change in access, etc.) or suggestions for additions/modifications? \_\_\_\_\_

☐☐

Do you feel that the proposed design will result in any impacts (Beneficial or Adverse) on your property and/or community (e.g. economic, environmental, social, etc.)? Please explain. \_\_\_\_\_

It is often necessary for the City of Jonesboro 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.

\_\_\_\_\_  
\_\_\_\_\_

**CITY OF JONESBORO**  
**CITIZEN COMMENT FORM**

**AHTD JOB NUMBER 100879**  
**INTERSECTION IMPROVEMENTS FOR HIGHWAY 49 AT PARKER ROAD**  
**CRAIGHEAD COUNTY**

**LOCATION:**  
**MUNICIPAL CENTER**  
**MAIN LOBBY**  
**4:00 – 7:00 P.M.**  
**THURSDAY, DECEMBER 7, 2017**

Make your comments on this form and leave it with City of Jonesboro personnel at the meeting or mail it within 15 days to: City of Jonesboro, Engineering Department, P.O. Box 1845, Jonesboro, AR 72403 or Email: [clight@jonesboro.org](mailto:clight@jonesboro.org).

Yes ☒ No ☐

Do you feel there is a need for the intersection improvements at the intersection of the Highway 49 at Parker Road?  
Comment (optional). \_\_\_\_\_

☒ ☐

Do you feel that the proposed design presented at this meeting will improve the traffic flow through the area? Please explain. \_\_\_\_\_

☐ ☒

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 City of Jonesboro staff. \_\_\_\_\_

(Continued on back)



Yes ☒ No ☐

Do you have any concerns related to the proposed design (e.g. change in access, etc.) or suggestions for additions/modifications?

Consider better lane marking for south bound traffic turning left

☒ ☐

Do you feel that the proposed design will result in any impacts (Beneficial or Adverse) on your property and/or community (e.g. economic, environmental, social, etc.)? Please explain.

Allow better, safe traffic flow for emergency vehicles.

It is often necessary for the City of Jonesboro 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: Franklin Bradley (Please Print)

Address: 8912 Brandywine Drive Phone: (878) 974-2431

E-mail: Sbroadley@suddenlink.net

Please make additional comments here.



## CITY OF JONESBORO

### CITIZEN COMMENT FORM

AHTD JOB NUMBER 100879  
INTERSECTION IMPROVEMENTS FOR HIGHWAY 49 AT PARKER ROAD  
CRAIGHEAD COUNTY

LOCATION:  
MUNICIPAL CENTER  
MAIN LOBBY  
4:00 – 7:00 P.M.

THURSDAY, DECEMBER 7, 2017

Make your comments on this form and leave it with City of Jonesboro personnel at the meeting or mail it within 15 days to: City of Jonesboro, Engineering Department, P.O. Box 1845, Jonesboro, AR 72403 or Email: [clight@jonesboro.org](mailto:clight@jonesboro.org).

Yes

No



Do you feel there is a need for the intersection improvements at the intersection of the Highway 49 at Parker Road?

Comment (optional). \_\_\_\_\_



Do you feel that the proposed design presented at this meeting will improve the traffic flow through the area? Please explain. \_\_\_\_\_



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 City of Jonesboro staff. \_\_\_\_\_

(Continued on back)

Yes No



Do you have any concerns related to the proposed design (e.g. change in access, etc.) or suggestions for additions/modifications?

When traveling west on PARKER Rd. between 1B and 49, many times it's very difficult to turn left to access Sonic, Home Depot, ~~Star~~ 1st Care, Etc. This leads to people sitting at a total standstill in



Do you feel that the proposed design will result in any impacts (Beneficial or Adverse) on your property and/or community (e.g. economic, environmental, social, etc.)? Please explain. NOT SURE

that NORTHERN most ~~total~~ lane with traffic approaching them from behind.

It is often necessary for the City of Jonesboro 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: Vince Percy (Please Print)

Address: 3200 Rhonda DR Phone: (870) 680-3371  
Jonesboro  
72404

E-mail: vpercy@aristotle.net

Please make additional comments here.

**CITY OF JONESBORO**  
**CITIZEN COMMENT FORM**

AHTD JOB NUMBER 100879  
INTERSECTION IMPROVEMENTS FOR HIGHWAY 49 AT PARKER ROAD  
CRAIGHEAD COUNTY

LOCATION:  
MUNICIPAL CENTER  
MAIN LOBBY  
4:00 – 7:00 P.M.  
THURSDAY, DECEMBER 7, 2017

Make your comments on this form and leave it with City of Jonesboro personnel at the meeting or mail it within 15 days to: City of Jonesboro, Engineering Department, P.O. Box 1845, Jonesboro, AR 72403 or Email: [clight@jonesboro.org](mailto:clight@jonesboro.org).

Yes ☒ No ☐

Do you feel there is a need for the intersection improvements at the intersection of the Highway 49 at Parker Road?  
Comment (optional): \_\_\_\_\_

☒ ☐

Do you feel that the proposed design presented at this meeting will improve the traffic flow through the area? Please explain: \_\_\_\_\_

☐ ☒

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 City of Jonesboro staff. \_\_\_\_\_

(Continued on back)

Yes

☐

No

☒

Do you have any concerns related to the proposed design (e.g. change in access, etc.) or suggestions for additions/modifications? \_\_\_\_\_

☒☐

Do you feel that the proposed design will result in any impacts (Beneficial or Adverse) on your property and/or community (e.g. economic, environmental, social, etc.)? Please explain. \_\_\_\_\_

It is often necessary for the City of Jonesboro 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: Jesse Barber (Please Print)

Address: 1108 Troutman CN Phone: (870) 710-0788  
Jonesboro AR 72404

E-mail: \_\_\_\_\_

Please make additional comments here.

---

---

## CITY OF JONESBORO

### CITIZEN COMMENT FORM

AHTD JOB NUMBER 100879  
INTERSECTION IMPROVEMENTS FOR HIGHWAY 49 AT PARKER ROAD  
CRAIGHEAD COUNTY

LOCATION:  
MUNICIPAL CENTER  
MAIN LOBBY  
4:00 – 7:00 P.M.  
THURSDAY, DECEMBER 7, 2017

Make your comments on this form and leave it with City of Jonesboro personnel at the meeting or mail it within 15 days to: City of Jonesboro, Engineering Department, P.O. Box 1845, Jonesboro, AR 72403 or Email: [clight@jonesboro.org](mailto:clight@jonesboro.org).

Yes ☒ No ☐

Do you feel there is a need for the intersection improvements at the intersection of the Highway 49 at Parker Road?

Comment (optional). \_\_\_\_\_

☒ ☐

Do you feel that the proposed design presented at this meeting will improve the traffic flow through the area? Please explain. \_\_\_\_\_

☐ ☒

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 City of Jonesboro staff. \_\_\_\_\_

(Continued on back)

Yes

No

☐☒

Do you have any concerns related to the proposed design (e.g. change in access, etc.) or suggestions for additions/modifications? \_\_\_\_\_

☒☐

Do you feel that the proposed design will result in any impacts (Beneficial or Adverse) on your property and/or community (e.g. economic, environmental, social, etc.)? Please explain. \_\_\_\_\_

It is often necessary for the City of Jonesboro 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.

\_\_\_\_\_  
\_\_\_\_\_

**CITY OF JONESBORO**  
**CITIZEN COMMENT FORM**

**AHTD JOB NUMBER 100879**  
**INTERSECTION IMPROVEMENTS FOR HIGHWAY 49 AT PARKER ROAD**  
**CRAIGHEAD COUNTY**

**LOCATION:**  
**MUNICIPAL CENTER**  
**MAIN LOBBY**  
**4:00 – 7:00 P.M.**  
**THURSDAY, DECEMBER 7, 2017**

Make your comments on this form and leave it with City of Jonesboro personnel at the meeting or mail it within 15 days to: City of Jonesboro, Engineering Department, P.O. Box 1845, Jonesboro, AR 72403 or Email: [clight@jonesboro.org](mailto:clight@jonesboro.org).

Yes ☒ No ☐

Do you feel there is a need for the intersection improvements at the intersection of the Highway 49 at Parker Road?

Comment (optional). See attached sheet

☒ ☐

Do you feel that the proposed design presented at this meeting will improve the traffic flow through the area? Please explain. See attached sheet

☐ ☒

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 City of Jonesboro staff. \_\_\_\_\_

(Continued on back)



Yes

No

☒☐

Do you have any concerns related to the proposed design (e.g. change in access, etc.) or suggestions for additions/modifications? see attached sheet

☒☐

Do you feel that the proposed design will result in any impacts (Beneficial or Adverse) on your property and/or community (e.g. economic, environmental, social, etc.)? Please explain. see attached sheet

It is often necessary for the City of Jonesboro 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.

see attached sheet

**Bicycle and Pedestrian Comments:**

This intersection is often used by cyclists that are crossing over I-555 and/or traveling along Parker Rd. While I fully support the rights of cyclists to the full use of the road; navigating as many as 7 traffic lanes through a busy major intersection can be a daunting task for even the most experienced and well educated cyclist. I encourage you to consider the addition of bicycle facilities. This intersection is also used by pedestrians and I therefore encourage the addition of sidewalks along Hwy. 49 north of the intersection and along the south side of Parker Rd. on both sides of the intersection.

**Parker Rd. Traffic Comments:**


Westbound traffic along Parker Rd. turning left into St. Bernards First Care often causes backups due to heavy eastbound traffic. The possibility of a center turn lane in this area should be investigated.

Vehicles entering and exiting Parker Rd. Specialty Pharmacy and Wendy's/Cash Saver along Parker Rd. already have difficulty due to the close proximity to the Hwy. 49 Intersection. The addition of multiple new lanes in this area (effectively 6 lanes wide) will only complicate this problem. I do not currently have a proposed solution, but I feel the current plan will only make this area more dangerous and encourage you to study it further.

**Overall Project Comments:**

Overall the project has great potential to benefit the citizens of Jonesboro, but I am disappointed that no bicycle facilities and only very limited pedestrian accommodations are included in the initial plan. I strongly encourage all parties involved to revisit this matter. I also ask that they consider realistic expectations of growth in the area and the potential future improvements to the I-555 and Highway 49 interchange so that the improvements made now are not found to be insufficient in short order. Thank you for the work you do for the citizens of Jonesboro and all of Northeast Arkansas. You have a difficult and often thankless job, but your efforts do not go unnoticed.

Sincerely,



Brent L. Walker

League of American Bicyclists, League Cycling Instructor 5297

2509 Cottonwood St.

Jonesboro, AR 72401

870-273-2278

[BRENTLWALKER@GMAIL.COM](mailto:BRENTLWALKER@GMAIL.COM)

# **APPENDIX E**

---

## **Roadway Design Request Form**

Date Sent: April 19, 2019

**ROADWAY DESIGN REQUEST**

Job Number 100879 FAP No. NHPP-9227(67) County Craighead  
Job Name Hwy49/Parker Rd. Inters. Impvts. (Jonesboro) (S)  
Design Engineer Jason MacDonald, P.E. Environmental Staff T. Alexander/ K. Clancy  
Brief Project Description Widen a segment of Highway 49 and improve the Highway 49 Parker Rd intersection

**A. Existing Conditions:**

**Highway 49, north of Parker Road intersection**

Roadway Width: 70' Shoulder Type/Width: Open'

Number of Lanes and Width: 6 (4x12' 2x 11') Existing Right-of-Way: Joined by I555 ROW

Sidewalks? No Location:  Width:

Bike Lanes? No Location:  Width:

**Highway 49, south of Parker Road intersection**

Roadway Width: 57' Shoulder Type/Width: Curbed

Number of Lanes and Width: 5 (3x11', 2x 12') Existing Right-of-Way: 130'

Sidewalks? No Location:  Width:

Bike Lanes? No Location:  Width:

**Parker Road, west of the Highway 49 intersection**

Roadway Width: 32 Shoulder Type/Width: Open

Number of Lanes and Width: 3X 11' Existing Right-of-Way: 70' South of CL  
(North of CL w/in I555 ROW):

Sidewalks? No Location:  Width:

Bike Lanes? No Location:  Width:

**Parker Road, east of the Highway 49 intersection**

Roadway Width: 36 Shoulder Type/Width: Open

Number of Lanes and Width: 3 X12' Existing Right-of-Way: 60' South of CL  
(North of CL w/in I555 ROW):

Sidewalks? No Location:  Width:

Bike Lanes? No Location:  Width:

**B. Proposed Conditions:**

**Highway 49, north of Parker Road intersection**

Roadway Width: 94' Shoulder Type/Width: Open 8'

Number of Lanes and Width: 8 (6x12', 2x 11') Proposed Right-of-Way: Joined by I555 ROW

Sidewalks? No Location:  Width:

Bike Lanes? No Location:  Width:

**Highway 49, south of Parker Road intersection**Roadway Width: 90' Shoulder Type/Width: Curb 8'Number of Lanes and Width: 8 (6x11', 2x12') Proposed Right-of-Way: 165'Sidewalks? Yes' Location: Both sides Width: 5'Bike Lanes? No Location:  Width: **Parker Road, west of the Highway 49 intersection**Roadway Width: 57' Shoulder Type/Width: Curb 8'Number of Lanes and Width: 5 (3x11', 2x12') Proposed Right-of-Way: 70' South of CL  
(North of CL w/in 1555 ROW): Sidewalks? Yes Location: Both sides Width: 5'Bike Lanes? No Location:  Width: **Parker Road, east of the Highway 49 intersection**Roadway Width: 70' Shoulder Type/Width: Open 8'Number of Lanes and Width: 6 (4x12', 2x11') Proposed Right-of-Way: 70' South of CL  
(North of CL w/in 1555 ROW): Sidewalks? No Location:  Width: Bike Lanes? No Location:  Width: **C. Construction Information:**If detour: Where: No detour Length: No detour**D. Design Traffic Data:**2020 ADT: 23,050 2040 ADT: 32,066 % Trucks: 7Design Speed: 40 m.p.h. Hwy 49Design Speed: 35 m.p.h. Parker RdE. Approximate total length of project: Highway49 - 0.267 mile(s)  
Parker Rd - 0.554 mile(s)F. Justification for proposed improvements: To improve capacity, improve the current level of service and accommodate future traffic growth.G. Total Relocates: 0 Residences: 0 Businesses: 0H. Have you coordinated with any outside agencies (e.g., FHWA, City, County, etc.)? Yes

Agency/Official	Person Contacted	Date
Arkansas Historic Preservation Program	Tim Dodson	July 11, 2017
USFWS	Melvin Tobin	July 17, 2017
ADEQ	Lazendra Hairston	August 9/2017
USACE	Roger Allan	August 24, 2017