

TIER 3 CATEGORICAL EXCLUSION

**ARDOT JOB NUMBER 110720
FAP NUMBER CMF-9448(49)
HWY. 70 – HWY. 77 (WEST MEMPHIS) (S)
ROUTE 191, SECTION 1
CRITTENDEN COUNTY**

Submitted Pursuant to 42 U.S.C. 4332(2)

By the

U.S. Department of Transportation

Federal Highway Administration

And the

Arkansas Department of Transportation

September 2020

September 2, 2020

Date of Approval

Randal Looney

Randal Looney
Environmental Coordinator
Federal Highway Administration

The Environmental Division reviewed the referenced project and determined it falls within the definition of the Tier 3 Categorical Exclusion as defined by the ARDOT/FHWA Programmatic 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 for pavement preservation and to improve capacity of Highway 191 in the City of West Memphis. Total length of the project is approximately 2.2 miles. A project location map is attached.

The pavement preservation section of the project will extend from Highway 70 to the Highway 191/Interstate 40 (I-40) westbound interchange ramp and currently has four 12' wide paved travel lanes with curb and gutter. A 12' wide center turn lane extends from Highway 70 to Cooper Avenue. Existing right of way width ranges from 70' to 80'. New right of way will not be acquired for the proposed pavement preservation.

The capacity improvements section extends north from the I-40 westbound interchange ramp to Highway 77 and currently has two 12' wide paved travel lanes with 8' wide paved shoulders. Southland Drive intersects Highway 191 approximately 0.50 mile southeast of Highway 77. The proposed new cross-section will have four 11' wide paved travel lanes, a 12' wide continuous left turn lane, concrete curb and gutter, and 3' wide berms with 5' wide sidewalks on both sides. A roundabout will replace the intersection of Highway 191 and Southland Drive. All of the Highway 191/I-40 interchange ramps will be resurfaced. Approximately 5.14 acres of new right of way will be acquired. The proposed average right of way width will be 186'.

Design data for this project is as follows:

Design Year	Average Daily Traffic (vpd)	Percent Trucks	Design Speed (mph)
2021	7,500	6	40
2041	8,300		

Noise predictions were made for this project using the FHWA Traffic Noise Model Version 2.5. As detailed in the attached noise assessment report, a total of two noise sensitive receptors were predicted to experience noise impacts under future build conditions. Future noise impacts would be minor (noise levels not exceeding a 1 to 2 dBA increase), and no substantial increases (≥ 10 dBA) were predicted.

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 the no-build alternative.

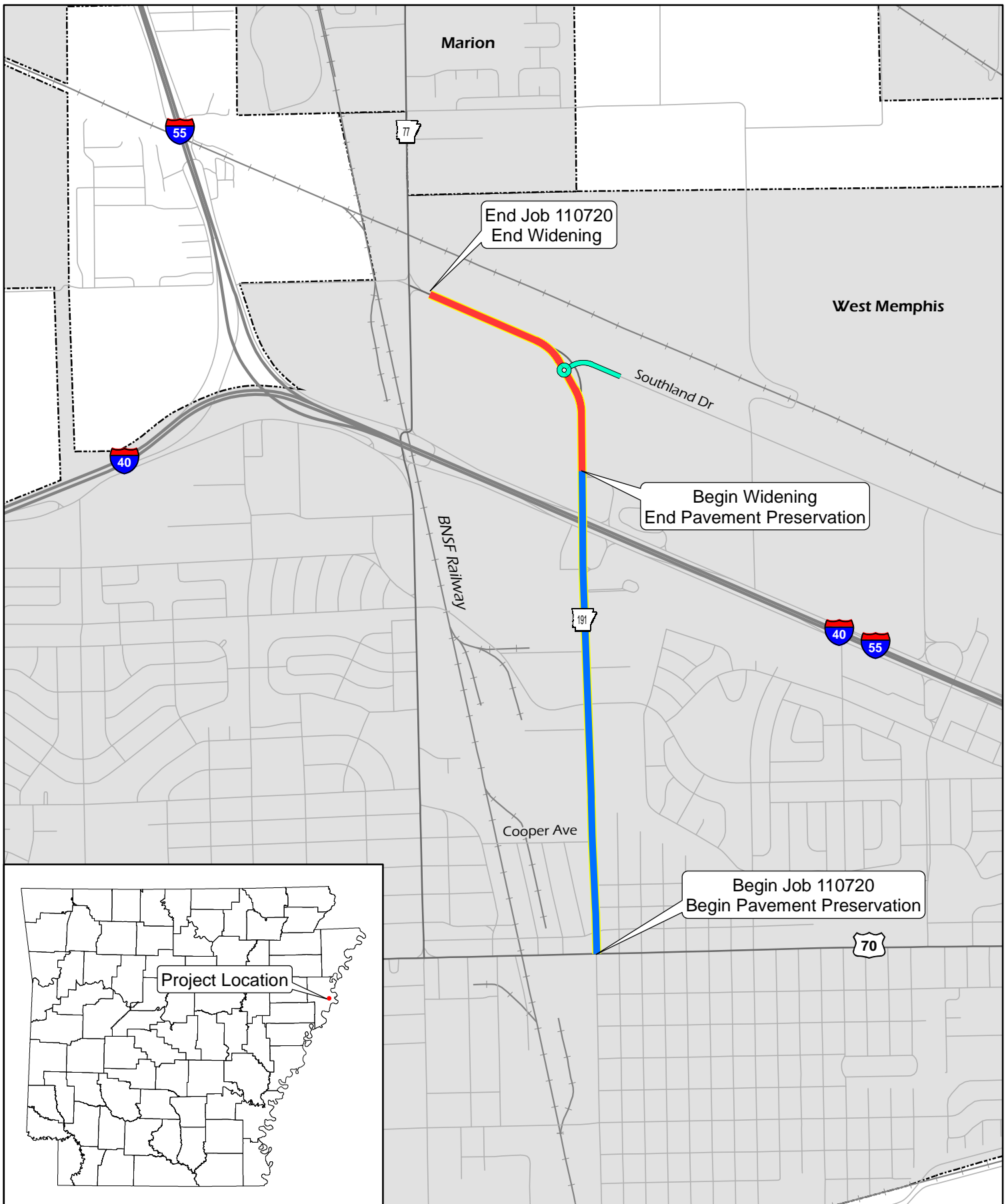
Crittenden County participates in the National Flood Insurance Program. The project lies within Zones X and AE, Special Flood Hazard Areas. The final project design will be reviewed to confirm that the design is adequate and that the potential risk to life and property are minimized. Adjacent properties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

There are no relocations, environmental justice concerns, prime farmlands, underground storage tanks/hazardous wastes, wetlands, or cultural resources associated with this project. State Historic Preservation Officer clearance is attached. A Wellhead Protection Area Special Provision will be included in the project contract.

The attached official species list obtained through the U.S. Fish and Wildlife Service's (USFWS) Information for Planning and Consultation website identified the following federally listed species as potentially occurring in the project area: the Eastern Black Rail (*Laterallus jamaicensis ssp. jamaicensis*); Piping Plover (*Charadrius melodus*); Red Knot (*Calidris canutus rufa*); and pondberry (*Lindera melissifolia*). Due to the lack of habitat and distance to known species occurrences, it has been determined that the proposed project will have "no effect" on these federally listed species.

A Virtual Public Involvement meeting was held on July 20, 2020. The meeting synopsis is attached.

No other adverse environmental impacts were identified. The checklist used to verify consideration of potential environmental impacts is attached.



0 1,000 2,000
Feet

ARDOT - Environmental GIS - Dudley
July 21, 2020

Job 110720
Hwy. 70 - Hwy. 77
(West Memphis) (Hwy. 191)
Crittenden County

- █ Pavement Preservation
- █ Widening
- █ Southland Dr. Roundabout



Asa Hutchinson
Governor
Stacy Hurst
Secretary

July 24, 2020

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

Re: Crittenden County - West Memphis
Section 106 Review - FHWA
Hwy. 70 - Hwy. 77
(West Memphis) (S)
Route 191, Section 1
ARDOT Job Number 110720
AHPP Tracking Number 106187

Dear Mr. Fleming:

The staff of the Arkansas Historic Preservation Program (AHPP) reviewed the project identification form for the above-referenced job. As described, the proposed undertaking entails overlay, lane widening, and roundabout construction on and proximal to Highway 191 in West Memphis, Crittenden County, Arkansas. The current survey included 5.1 acres of proposed right-of-way.

Based on the provided information and the negative results of the cultural resources survey, the AHPP concurs with the finding of **no historic properties affected pursuant to 36 CFR § 800.4(d)(1)** for the proposed undertaking.

Tribes that have expressed an interest in the area include the Cherokee Nation, the Chickasaw Nation, the Choctaw Nation of Oklahoma, the Muscogee (Creek) Nation, the Osage Nation, the Quapaw Nation, and the Shawnee Tribe. We recommend consultation in accordance with 36 CFR § 800.2 (c) (2).

Thank you for the opportunity to review this undertaking. If you have any questions, please contact Eric Mills of my staff at (501) 324-9784 or eric.mills@arkansas.gov.

Sincerely,

Eric Mills
for
Scott Kaufman
Director, AHPP

cc: Mr. Randal Looney, Federal Highway Administration
Dr. George Sabo III, Arkansas Archeological Survey

NOISE ASSESSMENT REPORT
SCREENING LEVEL NOISE ANALYSIS
ARDOT JOB NUMBER 110720
HWY. 70 – HWY. 77 (WEST MEMPHIS) (S)

Fundamentals of Sound and Noise

Noise is defined as unwanted or undesirable sound. The three basic parameters of how noise affects people are summarized below.

Intensity is determined by the level of sound expressed in units of decibels (dB). A 3 dB change in sound level is barely perceptible to most people in a common outdoor setting. However, a 5 dB increase presents a noticeable change and a 10 dB sound level increase is perceived to be twice as loud. Outdoor conversation at normal levels at a distance of 3 feet becomes difficult when the sound level exceeds the mid-60 dBA range.

Frequency is related to the tone or pitch of the sound. The amplification or attenuation of different frequencies of sound to correspond to the way the human ear “hears” these frequencies is referred to as “A-weighting.” The A-weighted sound level in decibels is expressed as dBA.

Variation with time occurs because most noise fluctuates from moment to moment. A single level called the equivalent sound level (Leq) is used to compensate for this fluctuation. The Leq is a steady sound level containing the same amount of sound energy as the actual time-varying sound evaluated over the same time period. The Leq averages the louder and quieter moments, but gives more weight to the louder moments.

For highway noise assessment purposes, Leq is typically evaluated over the worst 1-hour period and written as Leq(h). The Leq(h) commonly describes sound levels at locations of outdoor human use and activity, and reflects the conditions that will typically produce the worst traffic noise (e.g., the highest traffic volumes traveling at the highest possible speeds).

Noise Impact and Abatement Criteria

Traffic noise impacts are determined by comparing design year Leq(h) values to: (1) a set of Noise Abatement Criteria (NAC) for different land use categories; and (2) existing Leq(h) values. A noise impact occurs when design year (future build) levels approach or exceed the NAC value or a substantial increase in noise occurs. An approach is considered to be 1 dBA less than the NAC value. A substantial increase is defined as 10 dBA or greater than existing noise levels.

A *noise sensitive receptor* (receptor) is defined as a representative location of a noise sensitive area for various land uses. Most receptors associated with highway traffic noise analysis are categorized as NAC Activity Category B (residential) and C (e.g., parks, hospitals, schools, churches). Since the NAC value for Activity Categories B and C is 67 dBA, noise impacts would occur at 66 dBA or greater.

Consideration of noise abatement measures is required when the NAC value is approached or exceeded, or when a substantial increase is predicted. Noise barriers (e.g., walls or berms) are the most common noise abatement measures.

Screening Level Noise Analysis

A screening level noise analysis (screening analysis) may be performed for projects that are unlikely to cause noise impacts and/or where noise abatement measures are likely to be unfeasible for acoustical or engineering reasons. Factors common to these types of projects include low traffic volumes, slower speeds, the presence of few or no receptors, and the need for roadway access points (e.g., driveways, roadway intersections, etc.). For screening analysis purposes, the ARDOT noise policy requires determining noise levels within 4 dBA of the NAC value. The screening analysis threshold would therefore be 63 dBA for Activity Categories B and C.

Screening analysis results represent a worst-case scenario with higher sound levels than would be expected in detailed modeling. The results may be used to determine the need for detailed analysis if noise impacts are likely and the placement of noise barriers is feasible. It may also be used for projects that lack receptors in order to assess impacts on undeveloped land.

The FHWA Traffic Noise Model Version 2.5 (TNM) software program is used to predict existing and future Leq(h) traffic noise levels. The TNM straight line model uses the existing year and design year traffic and roadway information. Receivers (discrete points modeled in the TNM program) are incrementally placed away from the roadway centerline to determine the distance to which impacts extend. The model assumes that the roadway and receivers were located at the same elevation with no intervening barriers such as topography or dense vegetation.

Project Evaluation and Screening Analysis Results

Activity Category B and C (residences and churches) receptors were identified along the project corridor. However, noise abatement measures were determined to not be feasible because the existing driveways and intersections in

the project footprint are required for roadway access. A screening analysis was therefore considered an appropriate level of noise assessment for this project.

TNM modeling was completed using the existing year 2021 and design year 2041 (future build) traffic and roadway information. Receivers were extended from the centerline of Hwy. 191 to distances correlating to approximately 66 dBA for existing and future build conditions, and 63 dBA for future build conditions. The tenth value was used for rounding the decibel levels (e.g., 65.8 dBA reported as 66 dBA). The model calculation tables and input data are attached.

A total of two receptors were predicted to experience noise impacts within a distance of 50 feet under future build conditions. A total of two receptors were predicted to experience noise levels within the 63 dBA screening analysis threshold at a distance of 100 feet under future build conditions. The predicted noise impact and screening analysis threshold distances and receptors are attached.

No substantial increases (≥ 10 dBA) were predicted. Because noise levels in the project area are already dominated by traffic noise from the existing roadway, the impacts caused by the proposed project would be minor (e.g., noise levels not exceeding a 1 to 2 dBA increase).

As previously noted, access points such as driveways and intersections are needed along the project corridor. For engineering reasons, it would not be possible to construct an effective noise barrier accommodating these access points. A detailed noise analysis is therefore not recommended for this project.

Project construction operations typically increase noise levels. These increases would be temporary and have minimal to minor adverse effects on land uses and activities in the project area. Local ordinances may prohibit construction activities or restrict noise levels or high noise levels between certain time periods (e.g., nighttime and/or weekend work). Temporary construction noise reduction measures such as nighttime and/or weekend work restrictions may also be considered.

Planning Information for Local Officials

The ARDOT encourages local communities and developers to practice noise compatibility planning. As presented in **Table 1**, noise level predictions for future build conditions were made at incremental distances. As previously described, Activity Category B and C exterior areas would be impacted within a distance of approximately 50 feet and reach the screening level threshold within 100 feet from the centerline of Hwy. 191. These predictions do not represent noise levels

at every location at a particular distance back from the roadway. Noise levels will vary with changes in terrain and other site conditions.

Table 1. Noise Levels for Compatibility Planning

Distance (ft)*	Leq(h), dBA**
50	66
100	63
200	59
400	53

* Perpendicular to centerline of Hwy. 191

** Rounded to tenth value

Table 2 presents the NAC. This information is included to inform local officials and planners of anticipated noise levels so that future development will be compatible. In compliance with federal guidelines, a copy of this screening analysis will be transmitted to the City of West Memphis and the West Memphis Metropolitan Planning Organization for land use planning purposes.

Table 2. Noise Abatement Criteria (NAC)

Activity Category	L_{eq(h)} dBA	Evaluation Location	Activity Description
A	57	Exterior	Lands on which serenity and quiet are of extraordinary significance and serve an important public need and where the preservation of those qualities is essential if the area is to continue to serve its intended purpose.
B*	67	Exterior	Residential properties.
C*	67	Exterior	Active sport areas, amphitheaters, auditoriums, campgrounds, cemeteries, day care centers, hospitals, libraries, medical facilities, parks, picnic areas, places of worship, playgrounds, public meeting rooms, public or nonprofit institutional structure, radio stations, recording studios, recreation areas, Section 4(f) sites, schools, television studios, trails, and trail crossings.
D	52	Interior	Auditoriums, day care centers, hospitals, libraries, medical facilities, places of worship, public meeting rooms, public or nonprofit institutional structure, radio studios, recording studios, schools, and television studios.
E*	72	Exterior	Hotels, motels, offices, restaurants/bars, and other developed lands, properties or activities not included in A-D, or F.
F	---	---	Agriculture, airports, bus yards, emergency services, industrial, logging, maintenance facilities, manufacturing, mining, rail yards, retail facilities, shipyards, utilities (water resources, water treatment, electrical), and warehousing.
G	---	---	Undeveloped lands that are not permitted.

* Includes undeveloped lands permitted for this activity category.

NOISE DATA WORKSHEET

Job No:

Job Name:

Roadway Reference:

County:

Design Year:

Year(s) To Be Modeled:

Roadway Cross-Sections:

Note: DHV = (ADT)(K)
 DDHV = (ADT)(K)(D)
 K - Percent of ADT occuring in design hour
 D - Directional Distribution

Operating Speed:

Traffic Data:

YEAR	ADT	%TRUCK	DHV	CARS	MT	HT	CARS/2	MT/2	HT/2
					10%	90%			
				0	0	0	0	0	0
2021	7,500	6%	675	635	4	36	317	2	18

NOISE DATA WORKSHEET

Job No:

Job Name:

Roadway Reference:

County:

Design Year:

Year(s) To Be Modeled:

Roadway Cross-Sections:

Note: DHV = (ADT)(K)
 DDHV = (ADT)(K)(D)
 K - Percent of ADT occuring in design hour
 D - Directional Distribution

Operating Speed:

Traffic Data:

YEAR	ADT	%TRUCK	DHV	CARS	MT	HT	CARS/2	MT/2	HT/2
					10%	90%			
				0	0	0	0	0	0
2041	8,300	6%	747	702	4	40	351	2	20

RESULTS: SOUND LEVELS

Job 110720

ARDOT
M.Pearson

18 August 2020
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT:

Job 110720

RUN:

Existing 2021

BARRIER DESIGN:

INPUT HEIGHTS

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

ATMOSPHERICS:

68 deg F, 50% RH

Receiver

Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h		Increase over existing		Type Impact	With Barrier		Calculated Goal	Calculated minus Goal
				Calculated	Crit'n	Calculated	Crit'n Sub'l Inc		Calculated LAeq1h	Noise Reduction Calculated		
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
25	1	1	0.0	69.1	66	69.1	10	Snd Lvl	69.1	0.0	8	-8.0
45	2	1	0.0	66.1	66	66.1	10	Snd Lvl	66.1	0.0	8	-8.0
75	3	1	0.0	63.6	66	63.6	10	----	63.6	0.0	8	-8.0
100	4	1	0.0	62.1	66	62.1	10	----	62.1	0.0	8	-8.0
125	5	1	0.0	61.0	66	61.0	10	----	61.0	0.0	8	-8.0
150	6	1	0.0	60.0	66	60.0	10	----	60.0	0.0	8	-8.0
175	7	1	0.0	58.7	66	58.7	10	----	58.7	0.0	8	-8.0
200	9	1	0.0	57.2	66	57.2	10	----	57.2	0.0	8	-8.0
250	10	1	0.0	54.7	66	54.7	10	----	54.7	0.0	8	-8.0
300	11	1	0.0	52.8	66	52.8	10	----	52.8	0.0	8	-8.0
350	12	1	0.0	51.2	66	51.2	10	----	51.2	0.0	8	-8.0
400	13	1	0.0	49.8	66	49.8	10	----	49.8	0.0	8	-8.0
500	14	1	0.0	47.6	66	47.6	10	----	47.6	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction		
		Min dB	Avg dB	Max dB
All Selected	13	0.0	0.0	0.0
All Impacted	2	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

RESULTS: SOUND LEVELS

Job 110720

ARDOT
M.Pearson

18 August 2020
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS

PROJECT/CONTRACT: Job 110720
RUN: Proposed 2041
BARRIER DESIGN: INPUT HEIGHTS

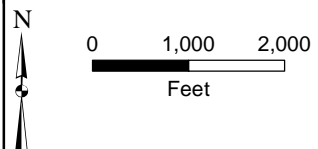
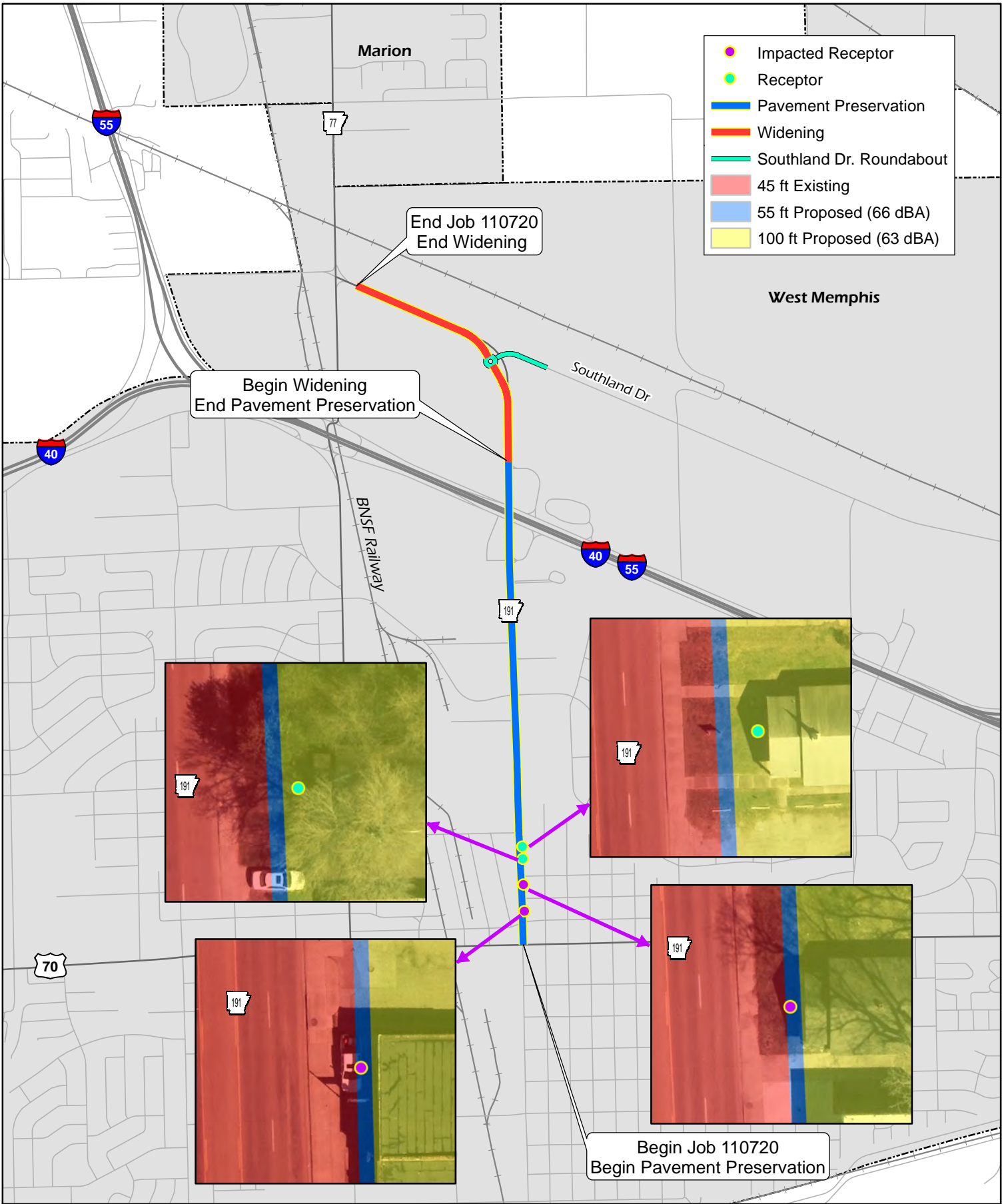
Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

ATMOSPHERICS: 68 deg F, 50% RH

Receiver

Name	No.	#DUs	Existing	No Barrier		Increase over existing		Type Impact	With Barrier		Goal	Calculated minus Goal
			LAeq1h	LAeq1h	Crit'n	Calculated	Crit'n		Calculated	Noise Reduction		
			dB	dB	dB	dB	dB		dB	dB		
38	1	1	0.0	67.7	66	67.7	10	Snd Lvl	67.7	0.0	8	-8.0
50	2	1	0.0	66.2	66	66.2	10	Snd Lvl	66.2	0.0	8	-8.0
75	3	1	0.0	64.1	66	64.1	10	----	64.1	0.0	8	-8.0
100	4	1	0.0	62.6	66	62.6	10	----	62.6	0.0	8	-8.0
125	5	1	0.0	61.4	66	61.4	10	----	61.4	0.0	8	-8.0
150	6	1	0.0	60.5	66	60.5	10	----	60.5	0.0	8	-8.0
175	7	1	0.0	59.6	66	59.6	10	----	59.6	0.0	8	-8.0
200	9	1	0.0	58.8	66	58.8	10	----	58.8	0.0	8	-8.0
250	10	1	0.0	57.5	66	57.5	10	----	57.5	0.0	8	-8.0
300	11	1	0.0	56.4	66	56.4	10	----	56.4	0.0	8	-8.0
350	12	1	0.0	54.5	66	54.5	10	----	54.5	0.0	8	-8.0
400	13	1	0.0	52.9	66	52.9	10	----	52.9	0.0	8	-8.0
500	14	1	0.0	50.2	66	50.2	10	----	50.2	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	13	0.0	0.0	0.0
All Impacted	2	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0



Noise Level Distances



United States Department of the Interior



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

In Reply Refer To:

July 13, 2020

Consultation Code: 04ER1000-2020-SLI-1173

Event Code: 04ER1000-2020-E-02914

Project Name: 110720 Hwy. 70 - Hwy, 77 (West Memphis) (S)

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

To Whom It May Concern:

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

If you determine that this project will have no effect on listed species and their habitat in any way, then you have completed Section 7 consultation with the Service and may use this letter in your project file or application.

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

Please visit our website at <http://www.fws.gov/arkansas-es/IPaC/home.html> for species-specific guidance to avoid and minimize adverse effects to federally endangered,

threatened, proposed, and candidate species. Our web site also contains additional information on species life history and habitat requirements that may be useful in project planning.

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

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

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

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

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

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to

federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, **the accuracy of this species list should be verified after 90 days.** This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

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

Attachment(s):

- Official Species List

Official Species List

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

This species list is provided by:

Arkansas Ecological Services Field Office

110 South Amity Suite 300

Conway, AR 72032-8975

(501) 513-4470

Project Summary

Consultation Code: 04ER1000-2020-SLI-1173

Event Code: 04ER1000-2020-E-02914

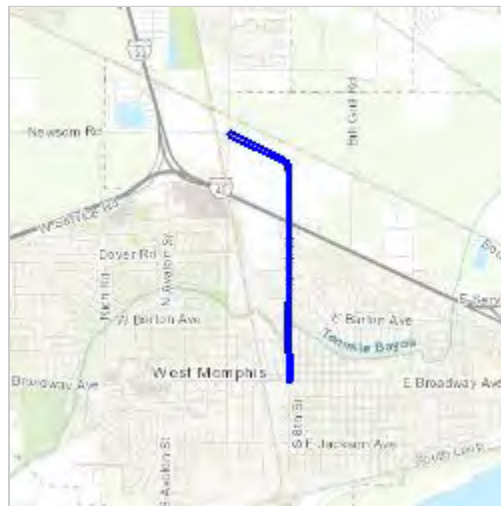
Project Name: 110720 Hwy. 70 - Hwy, 77 (West Memphis) (S)

Project Type: TRANSPORTATION

Project Description: Pavement preservation from Hwy. 70 to I-40 and widen from 2 to 4 lanes from I-40 to Hwy. 77.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/35.16096706111869N90.17588634654078W>



Counties: Crittenden, AR

Endangered Species Act Species

There is a total of 4 threatened, endangered, or candidate species on this species list.

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

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

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

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

Birds

NAME	STATUS
Eastern Black Rail <i>Laterallus jamaicensis ssp. jamaicensis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10477	Proposed Threatened
Piping Plover <i>Charadrius melodus</i> Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered. There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6039	Threatened
Red Knot <i>Calidris canutus rufa</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1864	Threatened

Flowering Plants

NAME	STATUS
Pondberry <i>Lindera melissifolia</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1279	Endangered

Critical habitats

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

VIRTUAL PUBLIC INVOLVEMENT SYNOPSIS

Job Number 110720

Hwy. 70 – Hwy. 77 (West Memphis) (S)

Crittenden County

July 16 through August 4, 2020

A Phase II Virtual Public Involvement (VPI) was held on the ARDOT website between July 16 and August 4, 2020, for the proposed Highway 191 improvement in West Memphis, Arkansas. A “Live” Webex component of the VPI was held on July 20, 2020 from 5:30 – 6:30 p.m. Efforts to involve minorities and the public in the meeting included:

- Display advertisement placed in the *The Evening Times* on Wednesday, July 8, and Wednesday, July 15, 2020
- Public service announcements on *Power KAKJ 105.3* and *Nuevo Radio Ambiente* from Thursday, July 16, 2020 to Tuesday, August 4, 2020
- Letters mailed to public officials
- Flyers mailed to residents in the project area

The following information and links were available on the website:

- Short video presentation about the project
- Public meeting notice
- Project location map
- Project design plans
- Link to submit comments
- Interactive project map
- Frequently asked questions with answers

Copies of the public meeting notice, project location map, and comment form are attached.

Table 1 summarizes VPI meeting participation.

TABLE 1	
Public Participation	Totals
Online registration of attendance at website	16
Participants in the “Live” Webex Meeting	28
Total comments received	1

Table 2 summarizes Comment Form question responses.

TABLE 2	
Survey Results	Totals
Feel proposed project is needed	1
Do not feel proposed project is needed	0
Beneficial impacts due to the proposed project	1
Adverse impacts due to the proposed project	0
Offered suggestions to better serve the needs of the community	1

Comments regarding why the proposed project would be beneficial included positive impacts to an active commercial growth area.

Comments regarding how the project could better serve the needs of the community included providing a left turn lane into the southbound interstate ramp to the south service road and rebuilding the former ramp that connected the north service road to 7th Street to accommodate traffic traveling south on 7th Street.

Attachments:

- Public Meeting Notice
- Project Location Map
- Comment Form

DN:MP:am



You're invited!

WEBEX "LIVE" VIRTUAL PUBLIC INVOLVEMENT MEETING

WHAT: "Live" Virtual Public Involvement Meeting to review the proposed improvement plans to Hwy. 191 from Hwy. 70 to Hwy. 77 including a roundabout at Southland Dr. in West Memphis, Crittenden County.

WHEN: **Monday, July 20, 2020 from 5:30 to 6:30 p.m. Citizens will have an opportunity to ask questions and make comments.**

Purpose

The Arkansas Department of Transportation (ARDOT) will conduct a live WebEx virtual public involvement meeting to review proposed improvement plans to Hwy. 191 from Hwy. 70 to Hwy. 77 including a roundabout at Southland Dr. in West Memphis, Crittenden County. **Project staff will give a brief presentation regarding the project. The public is invited to listen, view meeting materials and participate by asking questions and making comments with the appropriate ARDOT staff. The online website will be available for viewing from July 16 through August 4, 2020. Comments will be accepted until 4:30 p.m. on Tuesday, August 4, 2020.**

Link To Virtual Meeting:

In order to access the virtual public meeting, click on the link above. It will take you to the virtual public meeting website. This website will provide project materials and handouts that would have been shown at the in-person meetings. A separate link will provide a Spanish version of the presentation. There will also be an option to send online comment forms to ARDOT's staff, or you can print the form and mail it to, P.O. Box 2261, Little Rock, AR 72203-2261. If you do not have internet access, please contact Karla Sims at 501-569-2000 to ask questions about the project and how to access project information or email at karla.sims@ardot.gov.

This notice is available from the ADA/504/Title VI Coordinator in large print, on audiotape and in Braille.

ARDOT Job No. 110720

Virtual Web Link:

Click Here: www.ardot.gov

Monday, July 20, 2020

5:30 p.m. to 6:30 p.m.

To log into the WebEx Virtual public meeting, click on the virtual web link at the date and time indicated above.

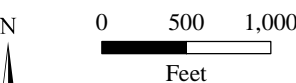
- English Version
- Spanish Version

Special Accommodations: Anyone needing project information or special accommodations under the Americans with Disabilities Act (ADA) is encouraged to write to Ruby Jordan-Johnson, P.O. Box 2261, Little Rock, AR 72203-2261, call (501)569-2379, fax (501) 569-2009 or email

environmentalpublicmeetings@ardot.gov.

Hearing or speech impaired, please contact the Arkansas Relay System at (Voice/TTY 711). Requests should be made at least four days prior to the public meeting.

NOTICE OF NONDISCRIMINATION: The Arkansas Department of Transportation complies with all civil rights provisions of federal statutes and related authorities that prohibit discrimination in programs and activities receiving federal financial assistance. Therefore, the Department does not discriminate on the basis of race, sex, color, age, national origin, religion (not applicable as a protected group under the Federal Motor Carrier Safety Administration Title VI Program), disability, Limited English Proficiency (LEP), or low-income status in the admission, access to and treatment in the Department's programs and activities, as well as the Department's hiring or employment practices. Complaints of alleged discrimination and inquiries regarding the Department's nondiscrimination policies may be directed to Joanna P. McFadden Section Head - EEO/DBE (ADA/504/Title VI Coordinator), P. O. Box 2261, Little Rock, AR 72203, (501)569-2298, (Voice/TTY 711), or the following email address: joanna.mcfadden@ardot.gov Free language assistance for Limited






ARDOT - Environmental GIS - Dudley
 Map Date: July 14, 2020
 Meeting Date: July 20 - August 4, 2020
 Virtual Public Involvement Exhibit



Job 110720
Hwy. 70 - Hwy. 77 (West Memphis)
Crittenden County

Preliminary
Subject to
Revision

-  Pavement Preservation
-  Roundabout at Southland Dr.
-  Widening from 2 to 4 Lanes

Photography: 2017

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

**ARDOT JOB NUMBER 110720
Hwy. 70 – Hwy. 77 (West Memphis) (S) Hwy 191
CRITTENDEN COUNTY**

**LOCATION:
7TH STREET CHURCH OF CHRIST (ACTIVITY CENTER)
899 N. 7TH STREET
WEST MEMPHIS , AR 72303
4:00 – 7:00 P.M.
APRIL 16, 2020**

Make your comments on this form and leave it with ARDOT personnel at the meeting or mail it by 4:30 p.m. on **Friday, May 1, 2020** to: Arkansas Department of Transportation, Environmental Division, P.O. Box 2261, Little Rock, AR, 72203-2261. Email: environmentalpimeetings@ardot.gov.

Yes No

Do you feel there is a need for the proposed pavement preservation from Hwy. 70 to I-40 and widen from 2 lanes to 4 lanes from I-40 to Hwy. 77 with roundabout at Southland. Dr. on Hwy. 191 in Crittenden County? Comment (optional)_____

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

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

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

Yes No

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

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

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

Name: _____ (Please Print)

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

E-mail: _____

Do you have suggestions that would make this proposed project better serve the needs of the community? Please make additional comments here. _____

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



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

ARDOT Job Number 100974 FAP Number CMF-9448(49)

Job Title Hwy. 70 – Hwy. 77 (West Memphis) (S)

Environmental Resource	None	Minimal	Major	Comments-required for each item
Air Quality	X			MSAT not required
Cultural Resources	X			SHPO clearance attached
Economic	X			No adverse economic impacts
Endangered Species	X			"No effect" determination
Environmental Justice/Title VI	X			EJ populations not identified in area
Fish and Wildlife	X			No impacts anticipated
Floodplains	X			Mapped flood zones not identified
Forest Service Property	X			None in project area
Hazardous Materials/Landfills	X			None identified in project area
Land Use	X			5.14 acres of new ROW
Migratory Birds	X			No impacts anticipated
Navigation/Coast Guard	X			No navigable waters in project area
Noise Levels	X			No noise level increases
Prime Farmland	X			All work occurring within city limits
Protected Waters	X			None in the project area
Public Recreation Lands	X			None identified in project area
Public Water Supply/WHPA	X			WHP SP required
Relocatees	X			Relocations not required
Section 4(f)/6(f)	X			4(f)/6(f) resources not in project area
Social	X			No adverse social impacts
Underground Storage Tanks	X			None located in project area
Visual	X			No adverse visual impacts
Streams	X			No impacts anticipated
Water Quality	X			No impacts anticipated
Wetlands	X			No impacts anticipated
Wildlife Refuges	X			None in the project area

Section 401 Water Quality Certification Required? No

Short-term Activity Authorization Required? Yes

Section 404 Permit Required? No Type _____

Remarks:

Signature of Evaluator Mary Pearson Date 08/24/2020

ROADWAY DESIGN REQUEST

Job Number 110720 FAP No. _____ County Crittenden

Job Name Hwy. 70 – Hwy. 77 (West Memphis) (S)

Design Engineer Nick Dail Environmental Staff _____

Brief Project Description Pavement preservation from Hwy. 70 to I-40, widen from 2 to 4 lanes with painted median from I-40 to Hwy. 77, and roundabout at Southland Dr./Hwy. 191

A. Existing Conditions:

Roadway Width: 40'-64' Shoulder Type/Width: 8' paved

Number of Lanes and Width: 4 @ 12' Existing Right-of-Way: 150' ⁽¹⁾
2 @ 12'

Sidewalks? No Location: N/A Width: N/A

Bike Lanes? No Location: N/A Width: N/A

B. Proposed Conditions ⁽¹⁾:

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

Number of Lanes and Width: 4 @ 11' Proposed Right-of-Way: 186'
1 @ 12'

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

Bike Lanes? No Location: N/A Width: N/A

C. Construction Information:

If detour: Where: N/A Length: N/A

D. Design Traffic Data:

2021 ADT: 7500 2041 ADT: 8300 % Trucks: 6
 Design Speed: 40 m.p.h.

E. Approximate total length of project: 2.206 mile(s)

F. Justification for proposed improvements: Pavement preservation and capacity improvements

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

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

Agency/Official	Person Contacted	Date

⁽¹⁾ Existing ROW and Proposed Conditions are depicted in widening area only (Sta. 171+40 – 216+50)