



ARKANSAS DEPARTMENT OF TRANSPORTATION

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10324 Interstate 30 | P.O. Box 2261 | Little Rock, AR 72203-2261 | Phone: 501.569.2000

INTEROFFICE MEMORANDUM

September 6, 2023

TO: Master Files

FROM:  John Fleming, Division Head, Environmental Division 

SUBJECT: Pavement Preservation Program Projects
Multiple Jobs and FAP Numbers
Various Counties
Tier 1 Categorical Exclusion

After appropriate environmental review, it has been determined that the subject jobs are a Tier 1 Categorical Exclusion as described by the ARDOT/FHWA Programmatic Agreement on Categorical Exclusion Documentation and Processing. A public hearing will not be offered for these projects. See attached job description table and project location maps.

These projects will not involve relocations, prime farmlands, wetlands, underground storage tanks, hazardous materials, any environmental justice issues, or cultural resources. These projects have 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 toxics concerns. The cultural resources clearances are attached.

The official species lists obtained through the US Fish and Wildlife Service's (USFWS) Information for Planning and Consultation identified the following species as potentially occurring within the project areas: Gray bat (*Myotis grisescens*), Indiana bat (*Myotis sodalis*), Northern Long-eared Bat (*Myotis septentrionalis*), Ozark Big-eared Bat (*Corynorhinus townsendii ingens*), Tricolored Bat (*Perimyotis subflavus*), Eastern Black Rail (*Laterallus jamaicensis ssp. jamaicensis*), Ivory-Billed Woodpecker (*Campephilus principalis*), Piping Plover (*Charadrius melodus*), Red Knot (*Calidris canutus rufa*), Red-Cockaded Woodpecker (*Picoides borealis*), Whooping Crane (*Grus americana*), Alligator Snapping Turtle (*Macrochelys temminckii*), Ozark Hellbender (*Cryptobranchus alleganiensis bishopi*), Leopard Darter (*Percina pantherina*), Ozark Cavefish (*Amblyopsis rosae*), Pallid Sturgeon (*Scaphirhynchus albus*), Yellowcheek Darter (*Etheostoma moorei*), Arkansas Fatmucket (*Lampsilis powellii*), Curtis Pearlymussel (*Epioblasma curtisii*), Fat Pocketbook (*Potamilus capax*), Louisiana Pearlshell (*Margaritifera hembeli*), Neosho Mucket (*Lampsilis rafinesqueana*), Ouachita Fanshell (*Cyprogenia sp. cf. aberti*), Ouachita Rock Pocketbook (*Arcidens wheeleri*), Pick Mucket (*Lampsilis abrupta*), Rabbitsfoot (*Theliderma cylindrica*), Scaleshell Mussel (*Potamilus leptodon*), Snuffbox Mussel (*Epioblasma triquetra*), Speckled Pocketbook (*Lampsilis streckeri*), Spectaclecase (*Cumberlandia monodonta*), Winged Mapleleaf (*Quadrula fragosa*), American Burying Beetle (*Nicrophorus americanus*), Monarch Butterfly (*Danaus plexippus*), Benton County Cave Crayfish (*Cambarus aculabrum*), Hell Creek Cave Crayfish (*Cambarus zophonastes*), geocarpon (*Geocarpon minimum*), harperella (*Ptilimnium nodosum*), Missouri bladderpod (*Physaria filiformis*), and pondberry (*Lindera melissifolia*). The official

species list is attached. These projects will have “no effect” on the aforementioned federally listed species due to the limited scope of the actions, lack of suitable habitat, and distance to known species locations.

The Alligator Snapping Turtle is currently a proposed threatened species, the Tricolored Bat is a proposed endangered species, and the Monarch Butterfly is a candidate species; however, the proposed project will not jeopardize the continued existence of any of these species.

These projects will not have any discharges of dredged or fill material into waters of the United States; therefore, Section 404 permits will not be required.

Attachments

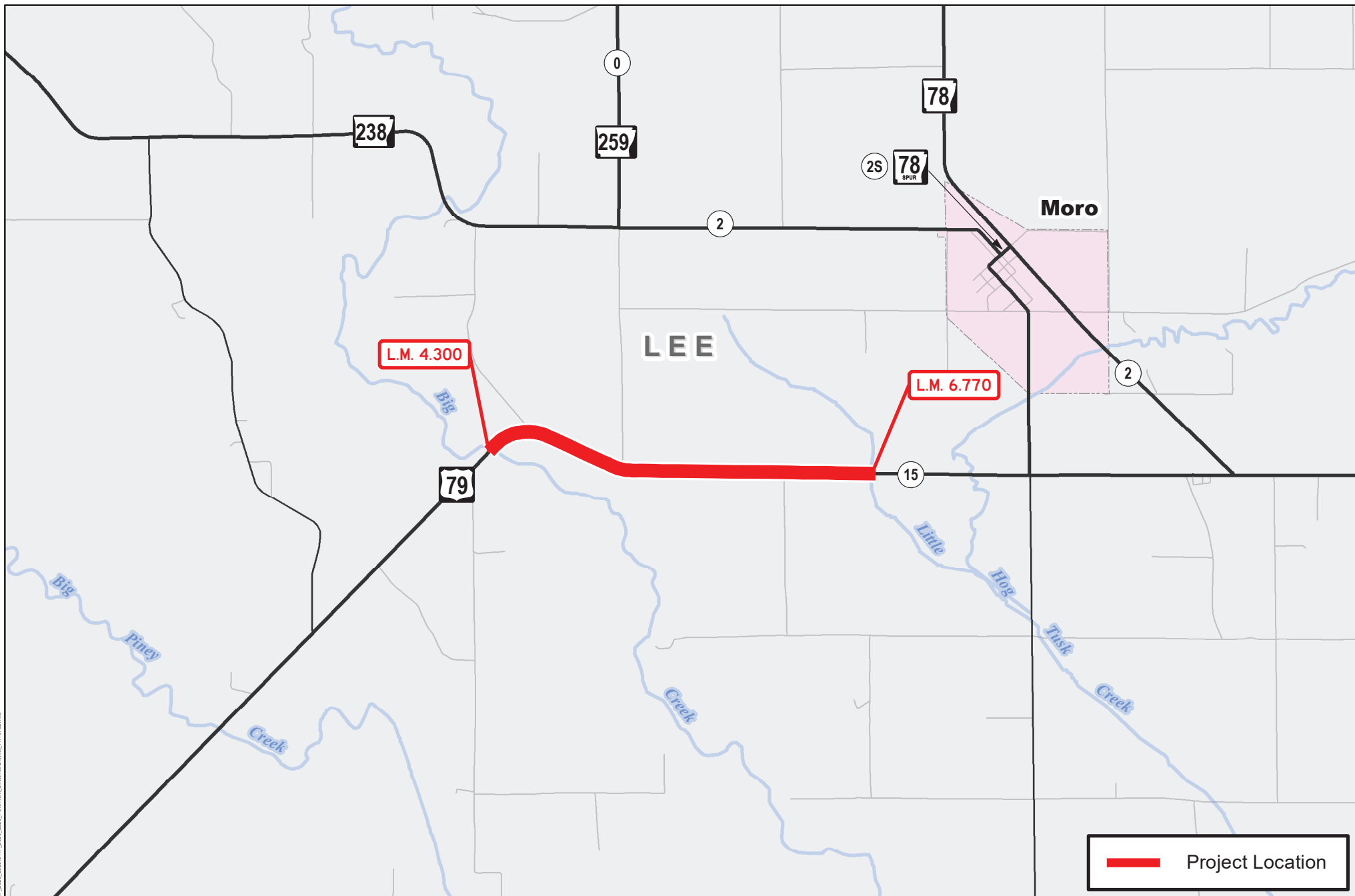
c: Program Management
Right of Way
Roadway Design
Districts 1-10
FHWA

JF:DH:sw

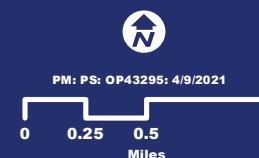
District	Job Number	FAP	Job Name	County	Route / Section	Scope	Job Length
1	110756	NHPP-1974(1)	White Co. Line – Crittenden Co. Line (Sel. Secs.) (S)	Cross & Woodruff	64 / 12-16	Fog Seal	52.73 mi
1	110762	NHPP-0039(32)	Big Creek – Little Hog Tusk Creek (S)	Lee	79 / 15	Mill & Overlay	2.47 mi
1	110763	NHPP-0039(30)	Smith Corner – E. of Marianna (Sel. Secs.) (S)	Lee	79 / 15 & 16	Rumble Stripes; Sec. 15: 1" Level Up & Overlay, Sec. 16: Level & Overlay	10.41 mi
1	110778	NHPP-0054(32)	Monroe Co. Line – Hwy. 318 (S)	Phillips	1 / 7	1" Level Up & Overlay	5.37 mi
2	020755	NHPP-9452(2)	I-530 – Baldwin Rd. (White Hall) (S)	Jefferson	256 / 1	2" Mill & Overlay/Inlay; Add 2' shoulders	2.88 mi
3	030554	HSIP-STPR-2931(3)	Nashville – Hwy. 332 (S)	Hempstead & Howard	278 / 4 & 5	Mill & Overlay w/ Patching; Add 2' shoulders	5.78 mi
3	030565	STPR-0046(55)	S. of UPRR Overpass – Red River (S)	Miller	67 / 1	Mill & Overlay	2.53 mi
4	040843	STPLC-9142(52)	Randall Wobbe Ln. (Fayetteville & Springdale) (S)	Washington	265 / 2	UTBWC	7.89 mi
4	040877	STPR-0072(75)	Hwy. 62 – Hwy. 45 (S)	Washington	59 / 4	1" Level Up & Overlay	6.08 mi
4	040879	STPF-0065(70)	Hwy. 10 – Hwy. 22 (S)	Sebastian	96 / 2	UTBWC	8.34 mi
5	050436	STPR-0012(46)	White Co. Line – Heber Springs (Sel. Secs.) (S)	Cleburne	5 / 15, 25 / 2 110 / 6	Hwys 5 & 25: Level & 2" Overlay Hwy 110: UTBWC	10.34 mi
5	050455	NHPP-0067(33)	Hwy. 58 – Lawrence Co. Line (S)	Sharp	63 / 2	Level & UTBWC	5.38 mi
6	061788	STPF-4359(3)	Hwy. 367 – Hwy. 13 (S)	Lonoke & Prairie	38 / 0 & 1	Mill & Overlay approx. 2.4 mi of Sec. 0; Spot Level & Overlay Sec. 1 & remaining Sec. 0	15.72 mi
7	070549	STPR-0052(30)	N. of Camden – Freeo Creek (S)	Ouachita	7 / 4	UTBWC & add 2' shoulders; 1" Level Up approx. 5.3 mi	6 mi

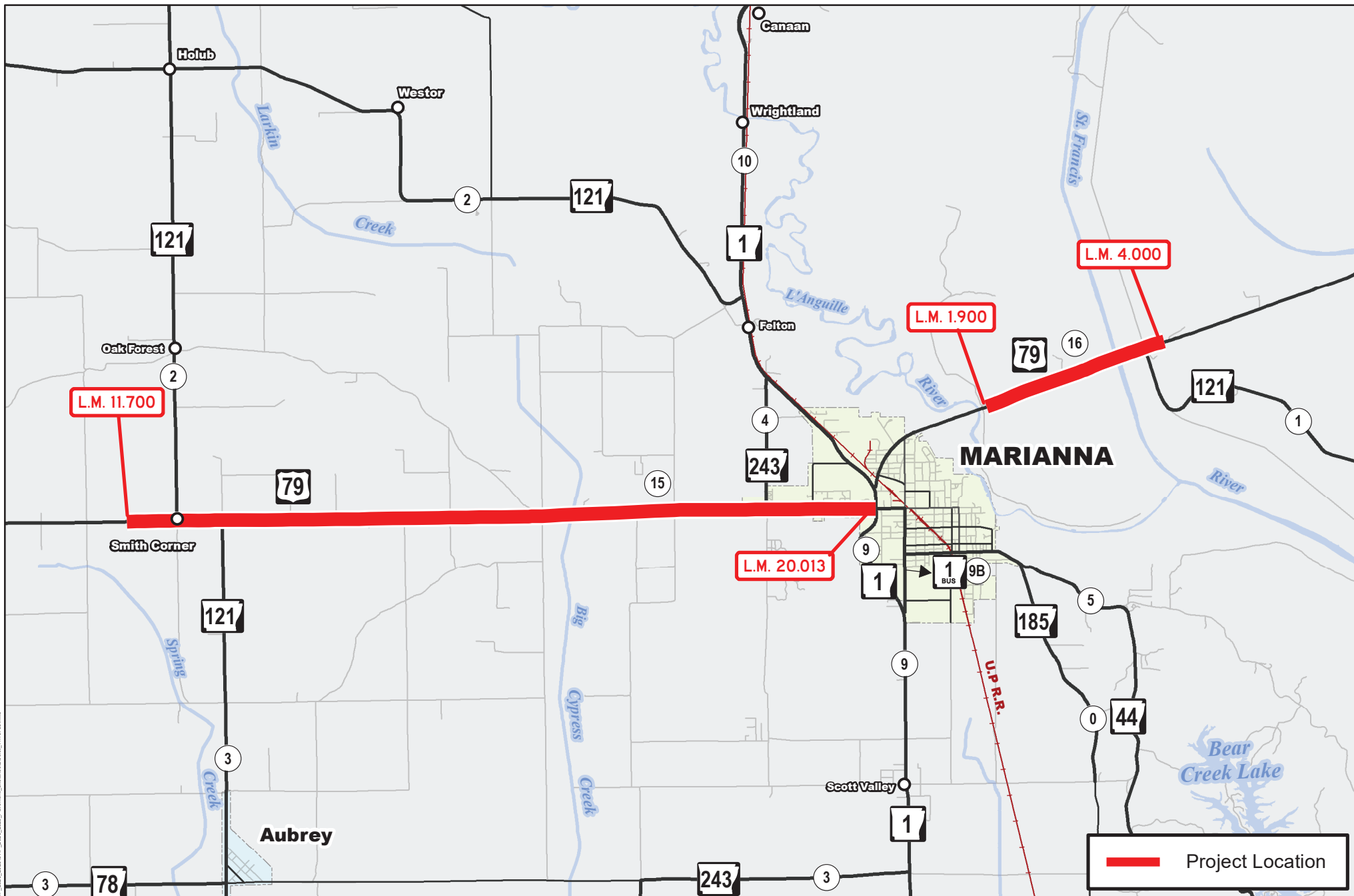
District	Job Number	FAP	Job Name	County	Route / Section	Scope	Job Length
7	070560	NHPP-0070(55)	Hwy. 7 – Hwy. 82 (S)	Union	167 / 1	Mill & Inlay 0.12 mi; 1” Level Up & Overlay 3.45 mi	3.67 mi
8	080646	FLAP-0049(22)	Polk Co. Line – Caddo River (S)	Montgomery	8 / 2	1” Level Up & Overlay, Add 2’ Shoulders	6.27 mi
9	090649	NHPP-0345(11)	Hwy. 62B Impvts. (Cotter) (S)	Baxter & Marion	62B / 9B & 10B	Sec. 9B: Spot Leveling & 2” Overlay Sec. 10B: Spot Leveling, Mill & Overlay	2.63 mi
10	101052	STPLC-9227(91)	Hwy. 226 Spur – North (Jonesboro) (S)	Craighead	226 / 3	Thin Overlay	0.96 mi
10	101080	STPF-0016(98)	Jonesboro – Greene Co. Line (S)	Craighead	351 / 2	Leveling & UTBWC	6.9 mi
10	101101	NHPP-0056(64)	Hwy. 14 – Hwy. 158 (S)	Poinsett	1 / 16	Leveling & UTBWC	6.05 mi

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Job 110762
Big Creek – Little Hog Tusk Creek (S)
Hwy. 79, Sec. 15
Lee County





Job 110763

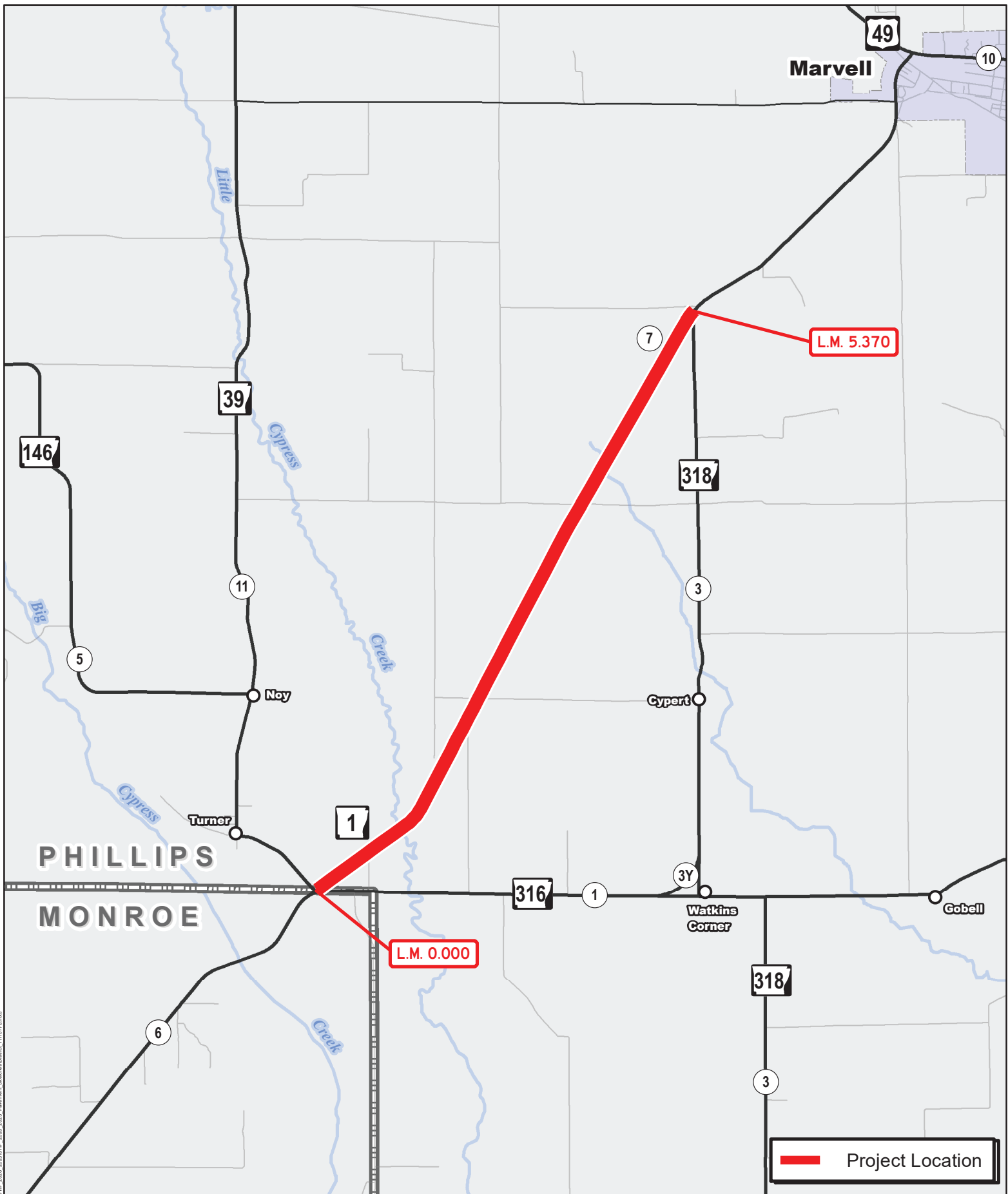
Smith Corner – E. of Marianna (Sel. Secs.) (S)

Hwy. 79, Secs. 15 & 16

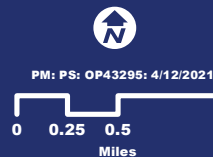
Lee County

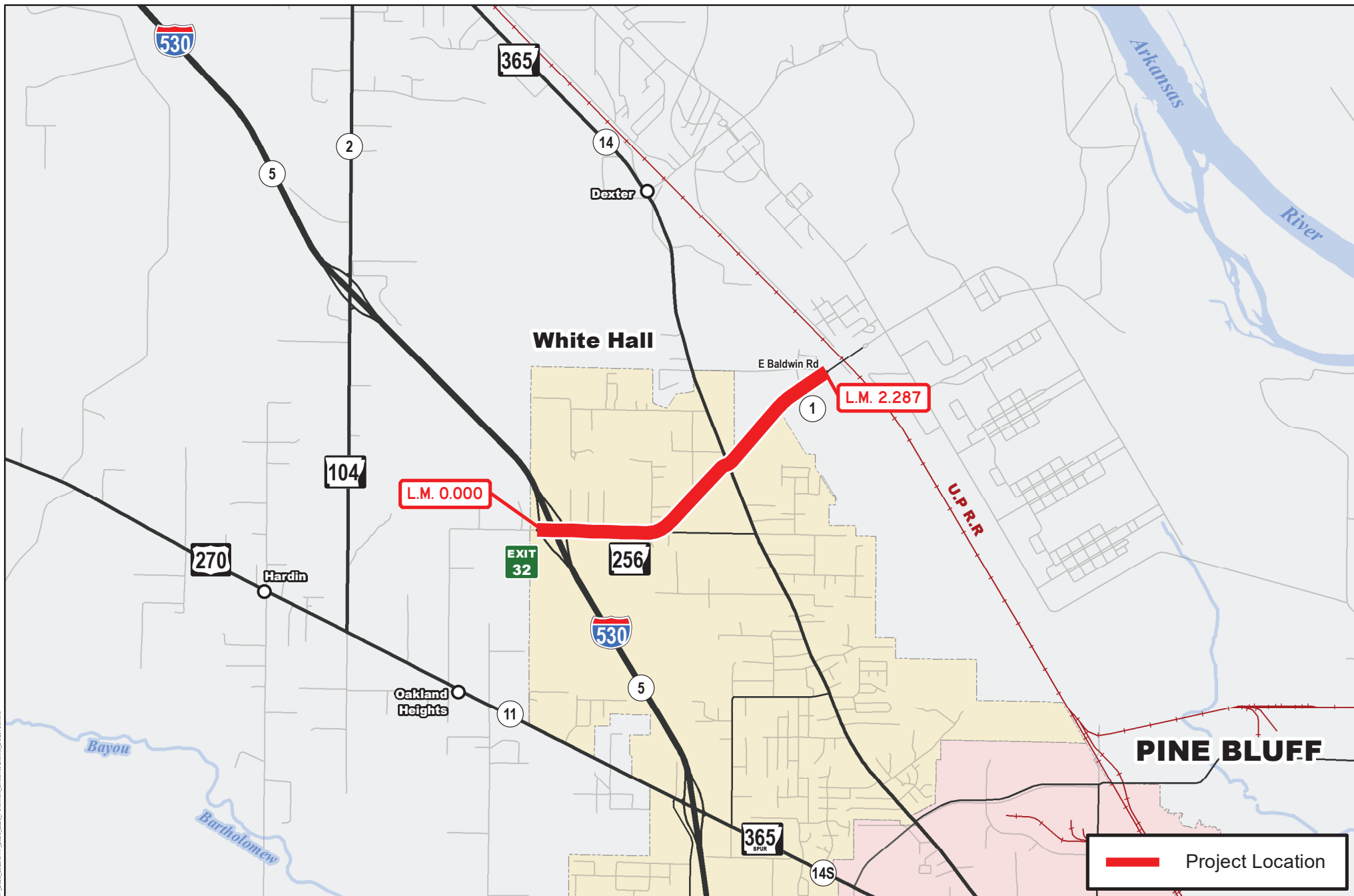
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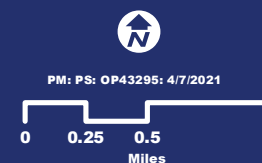


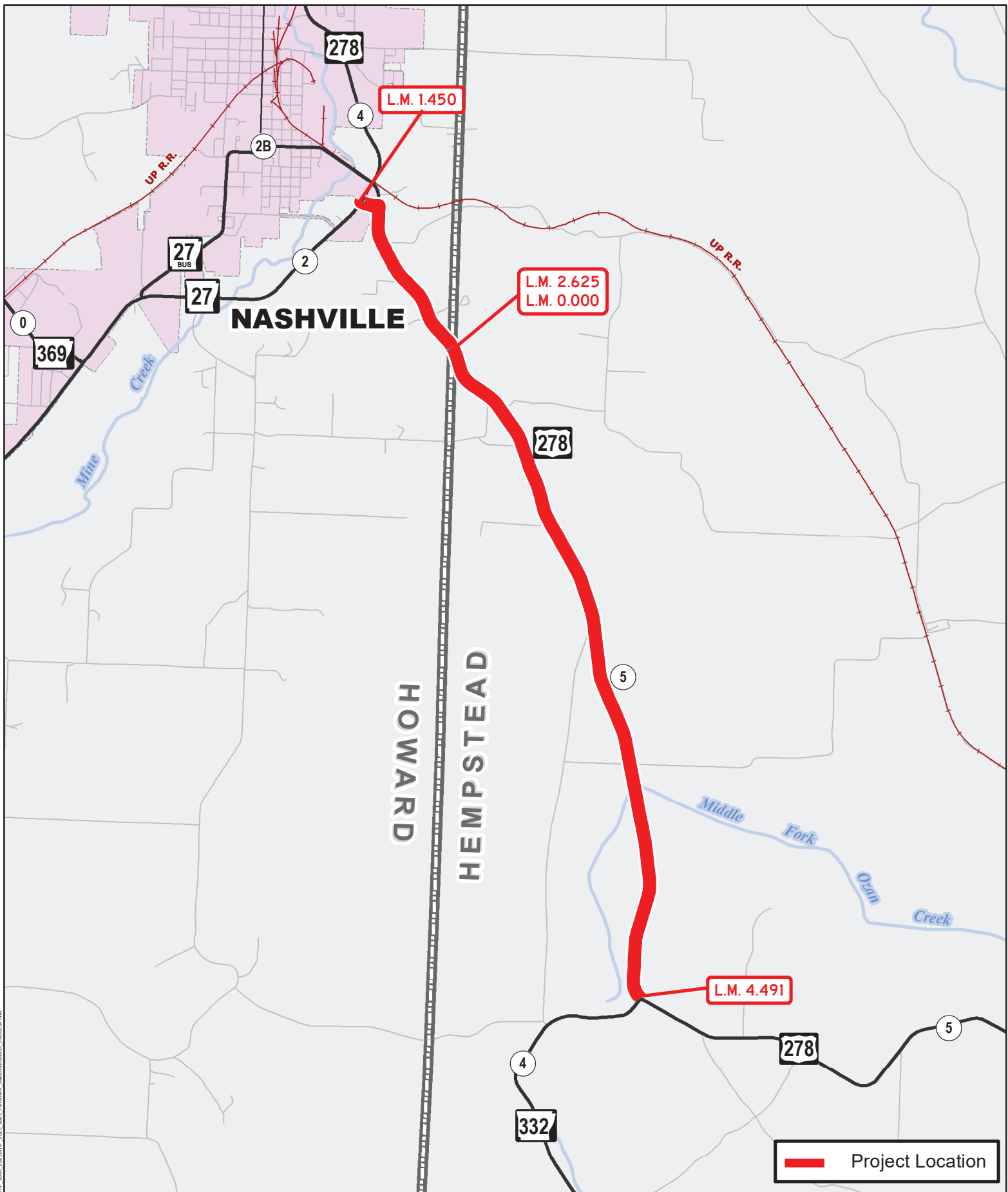
Job 110778
Monroe Co. Line – Hwy. 318 (S)
Hwy. 1, Sec. 7
Phillips County



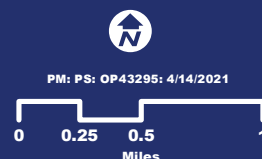


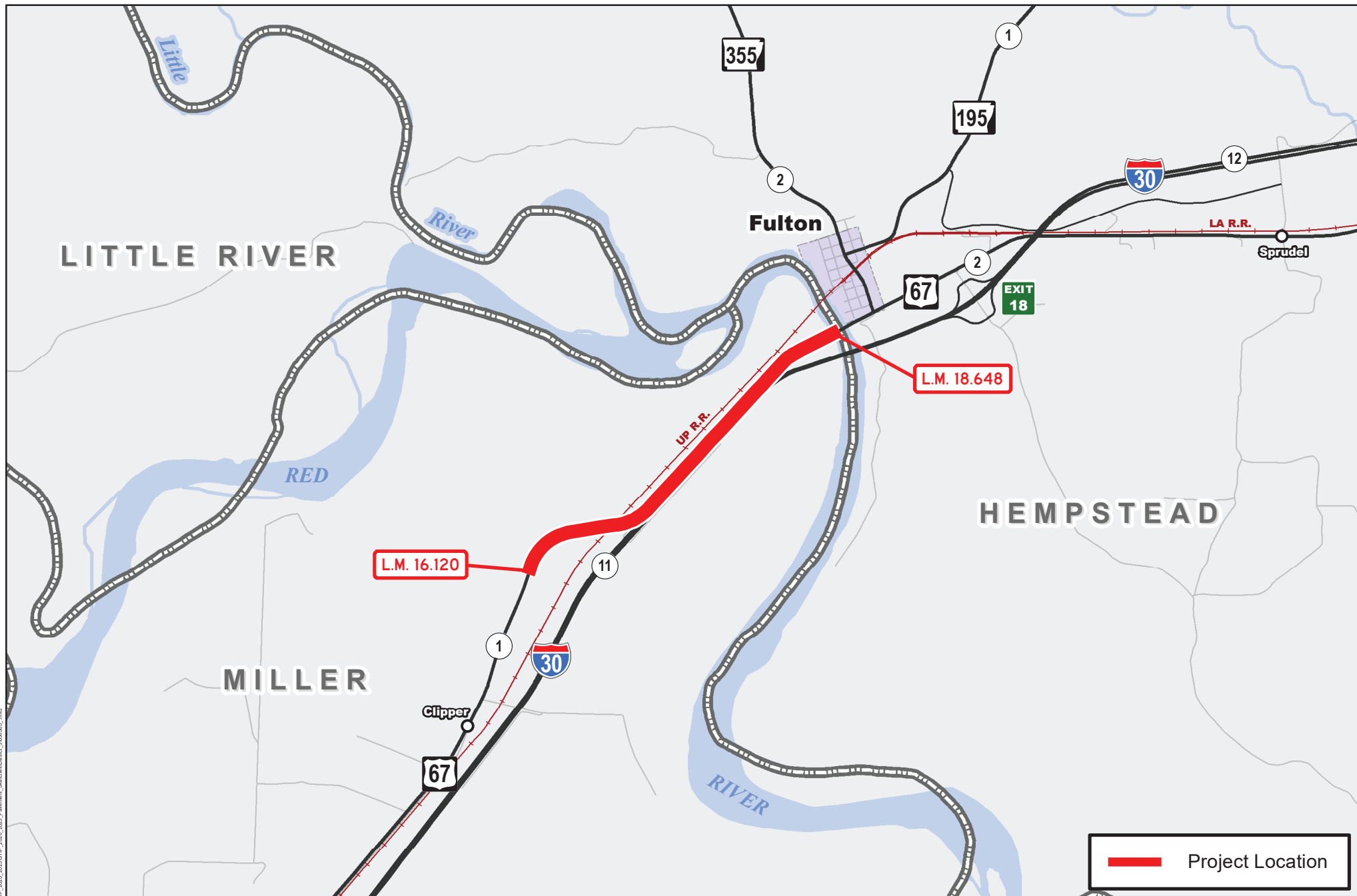
Job 020755
I-530 – Baldwin Rd. (White Hall) (S)
Hwy. 256, Sec. 1
Jefferson County





Job 030554
Nashville – Hwy. 332 (S)
Hwy. 278, Secs. 4 & 5
Hempstead and Howard Counties





Job 030565

S. of UPRR Overpass – Red River (S)

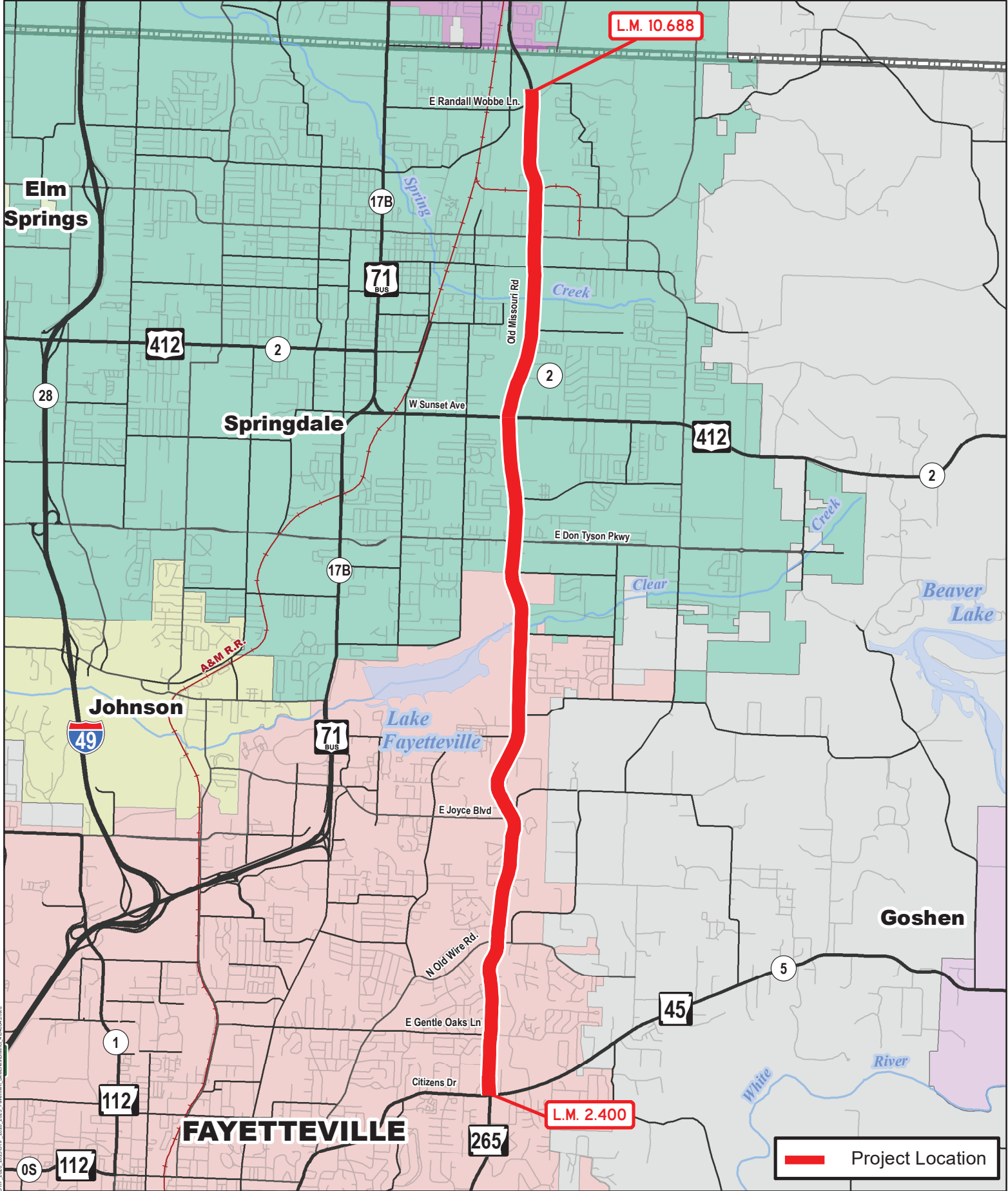
Hwy. 67, Sec. 1

Miller County



PM: PS: OP43295: 4/15/2021





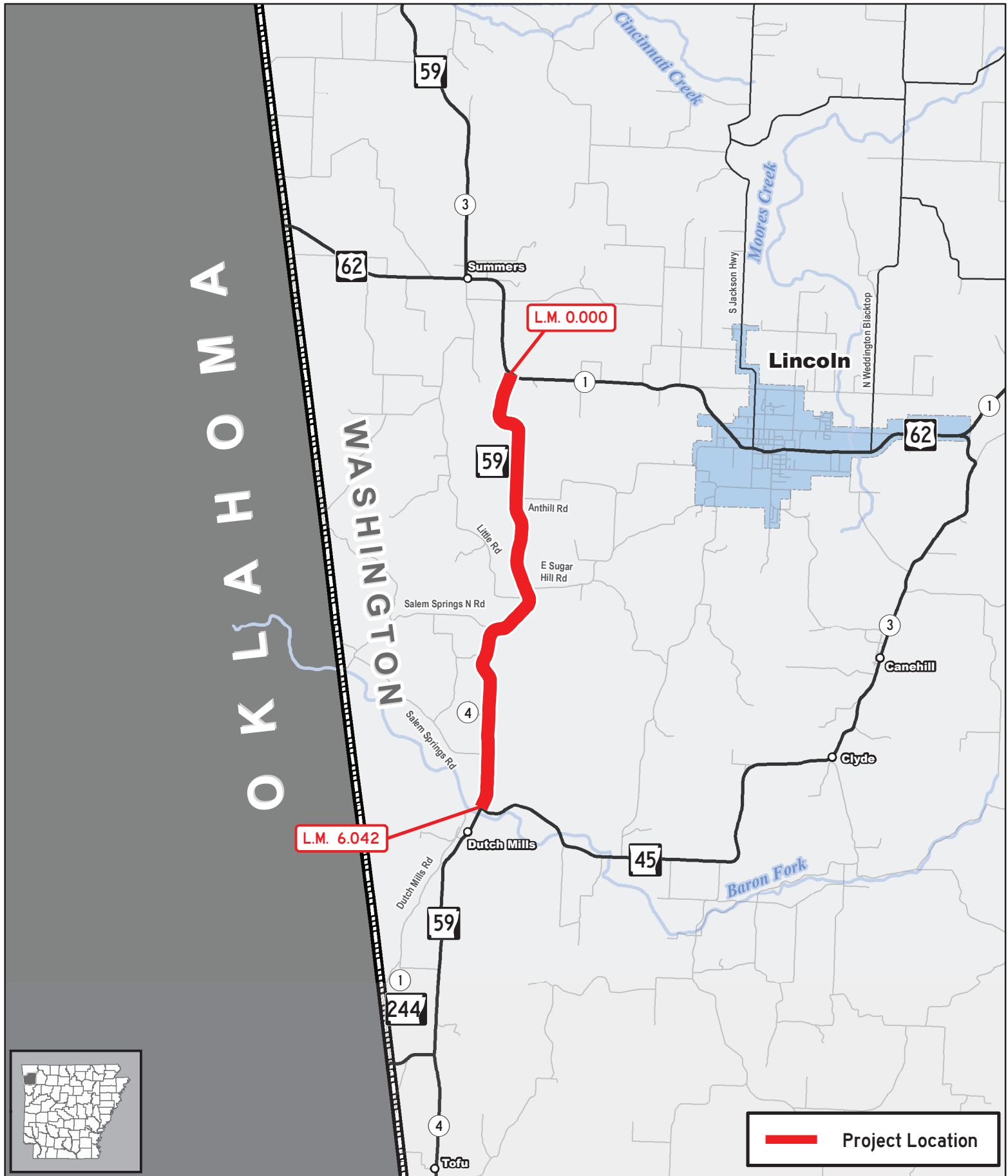
Job 040843

Hwy. 45 – Randall Wobbe Ln. (Fayetteville & Springdale) (S)

Hwy. 265, Sec. 2

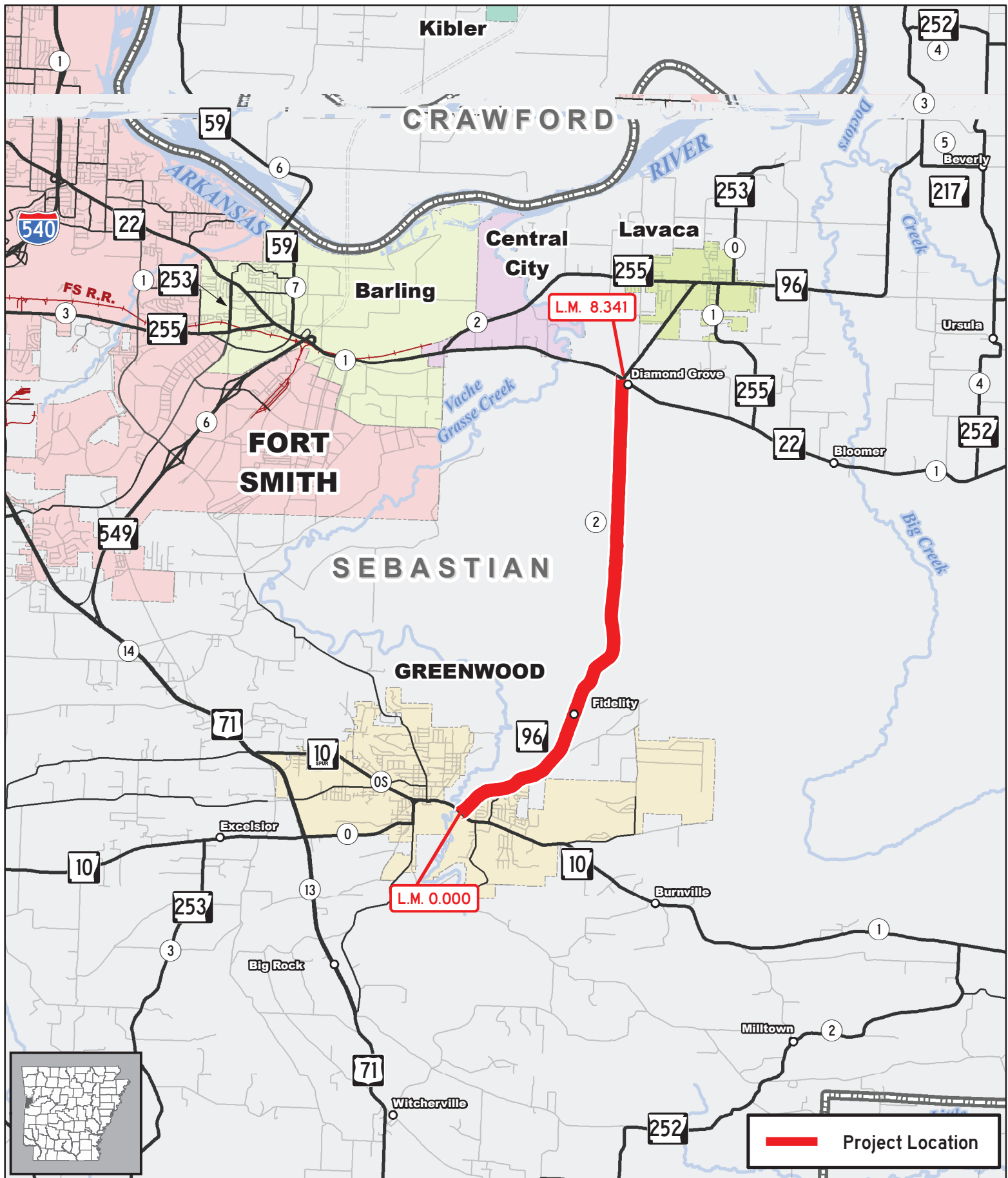
Washington County





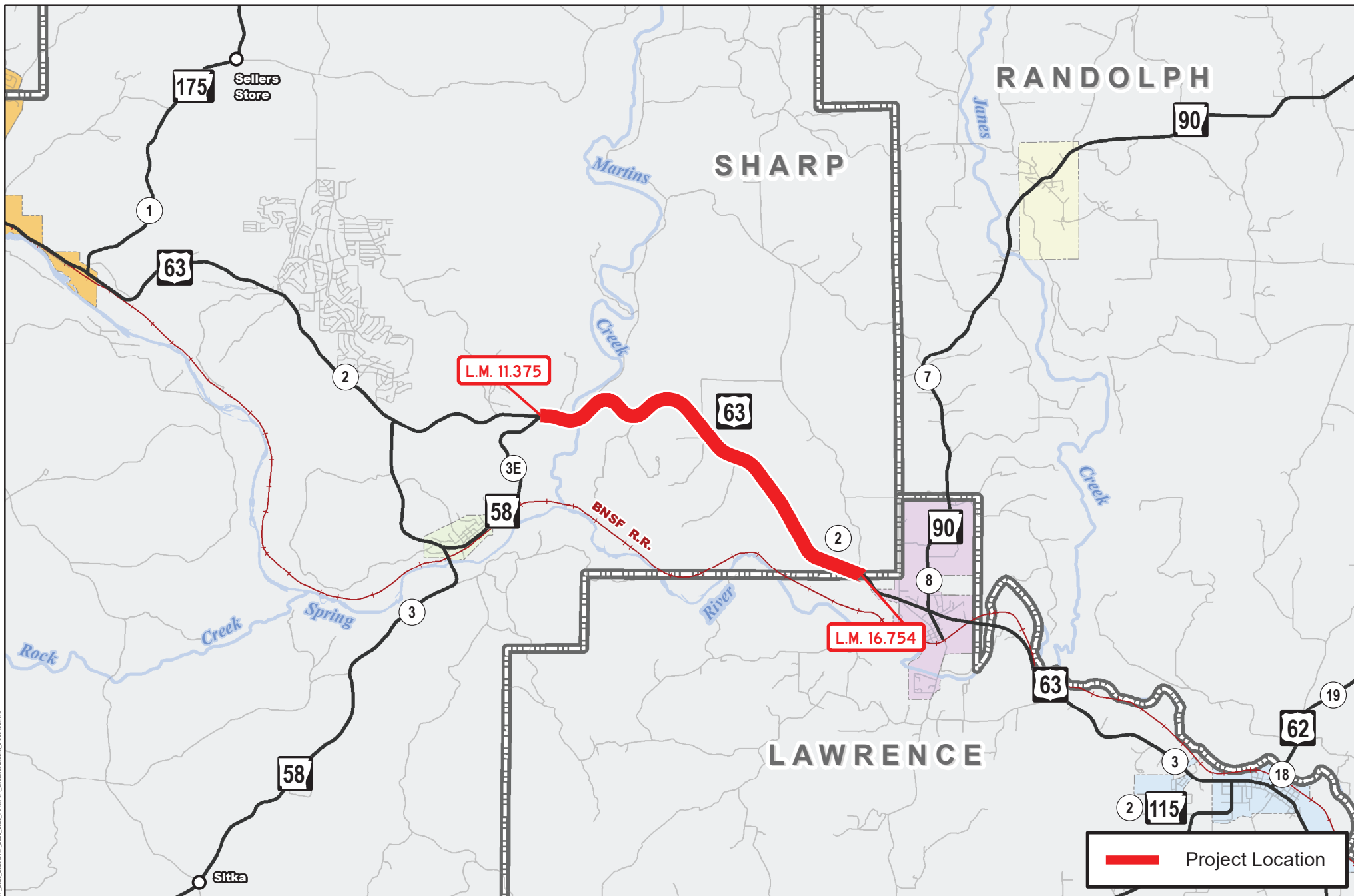
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Hwy. 62 – Hwy. 45 (S)
Hwy. 59, Sec. 4
Washington County



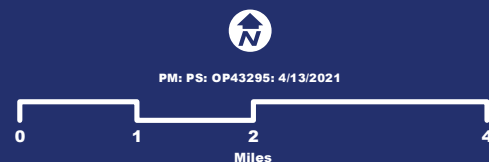


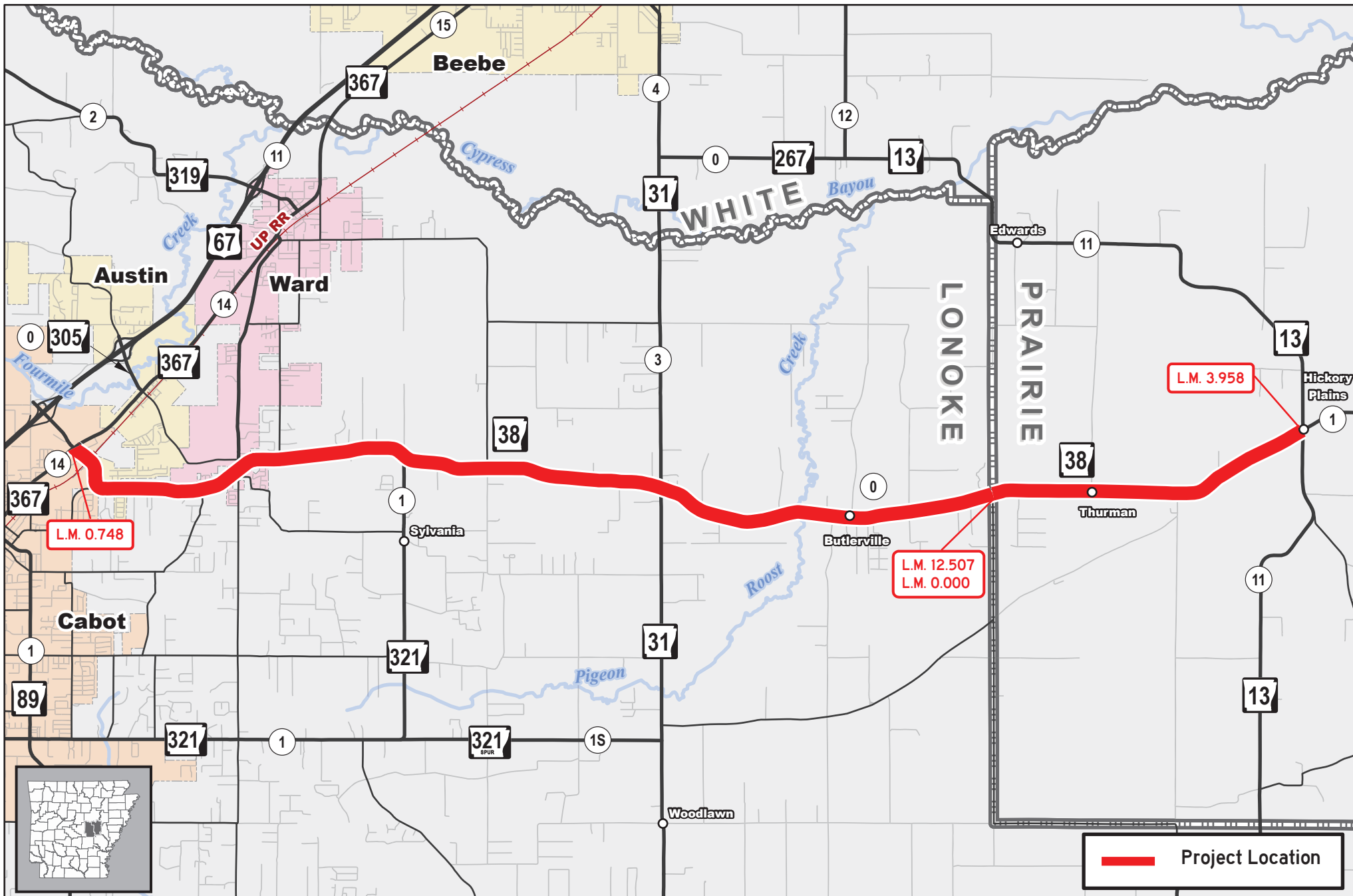
Job 040879
Hwy. 10 – Hwy. 22 (S)
 Hwy. 96, Sec. 2
 Sebastian County





Job 050455
Hwy. 58 – Lawrence Co. Line (S)
Hwy. 63, Sec. 2
Sharp County



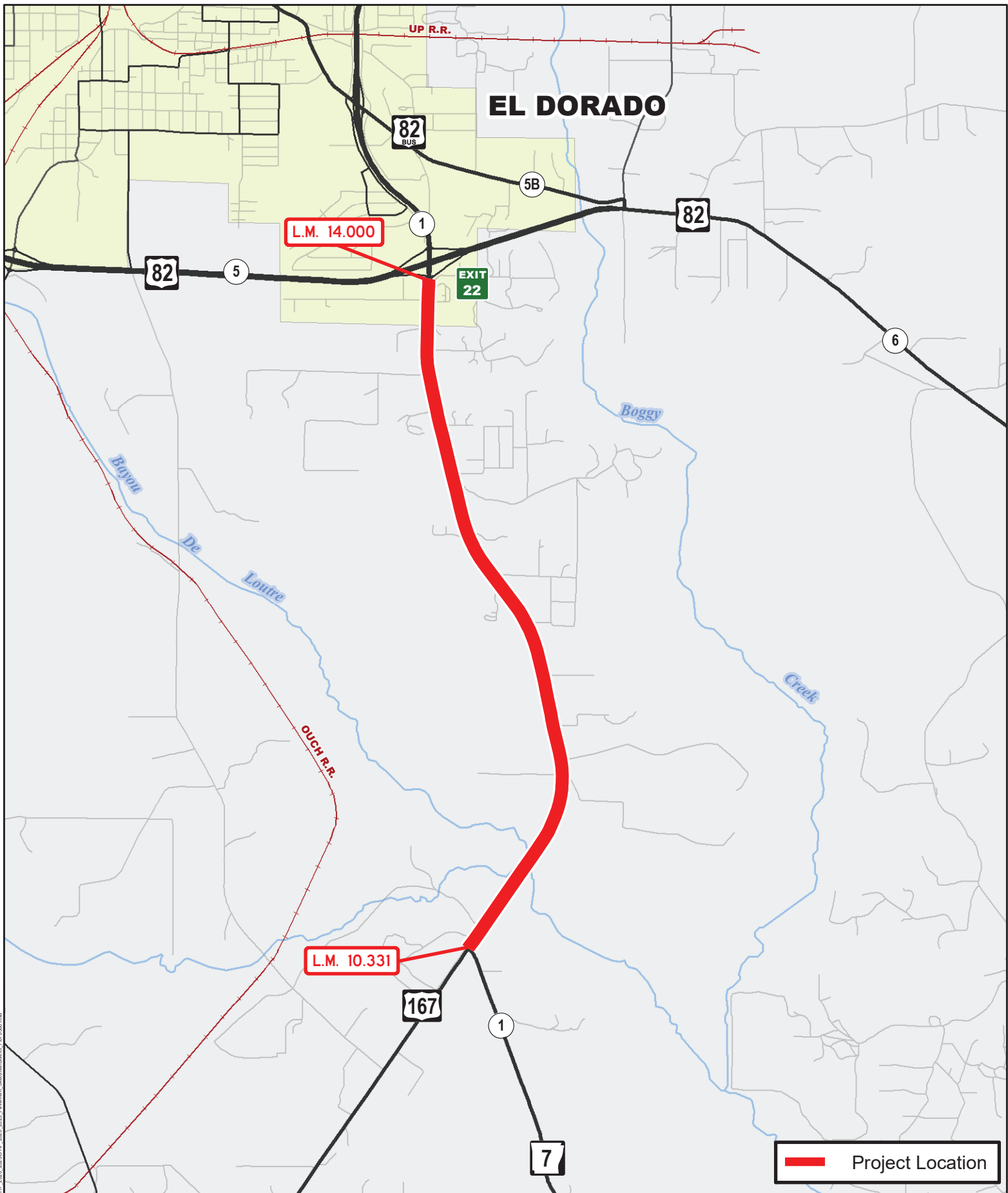


Job 061788

Hwy. 367 – Hwy. 13 (S)

Hwy. 38, Secs. 0 & 1
Lonoke & Prairie Counties





Job 070560

Hwy. 7 – Hwy. 82 (S)

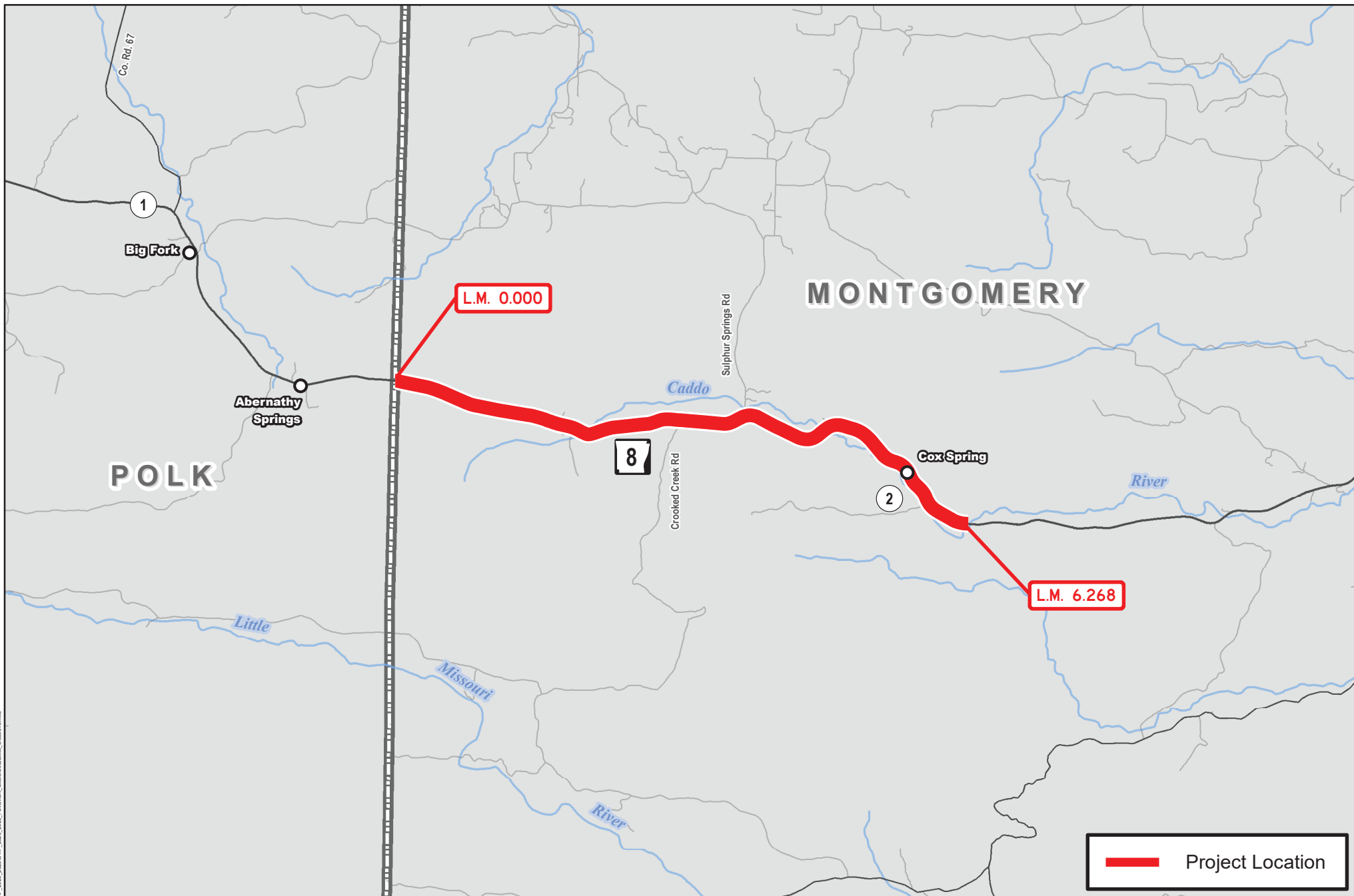
Hwy. 167, Sec. 1

Union County

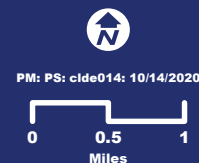


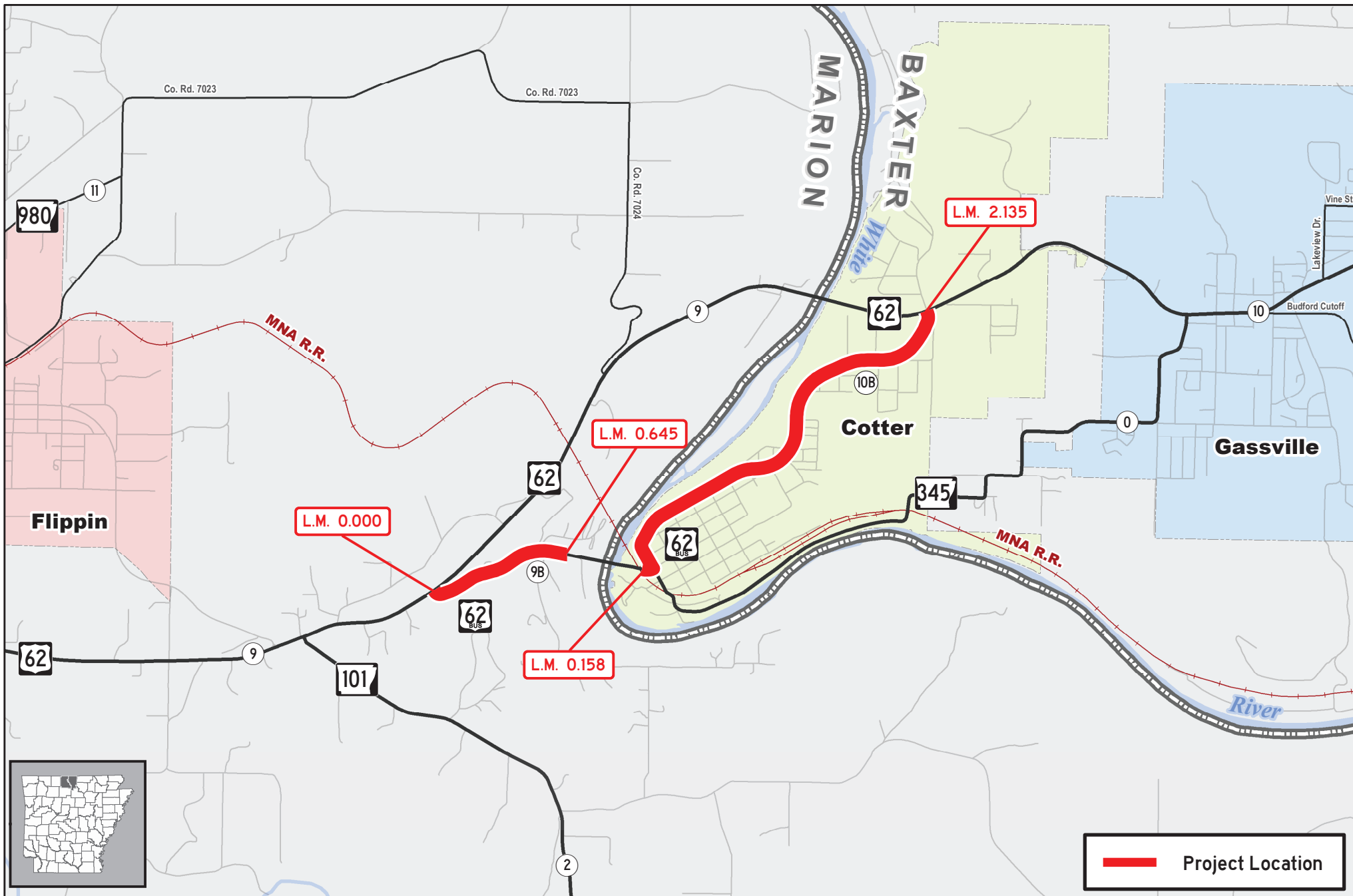
PM: PS: JL40961: 4/6/2021





Job 080646
Polk Co. Line – Caddo River (S)
Hwy. 8, Sec. 2
Montgomery County



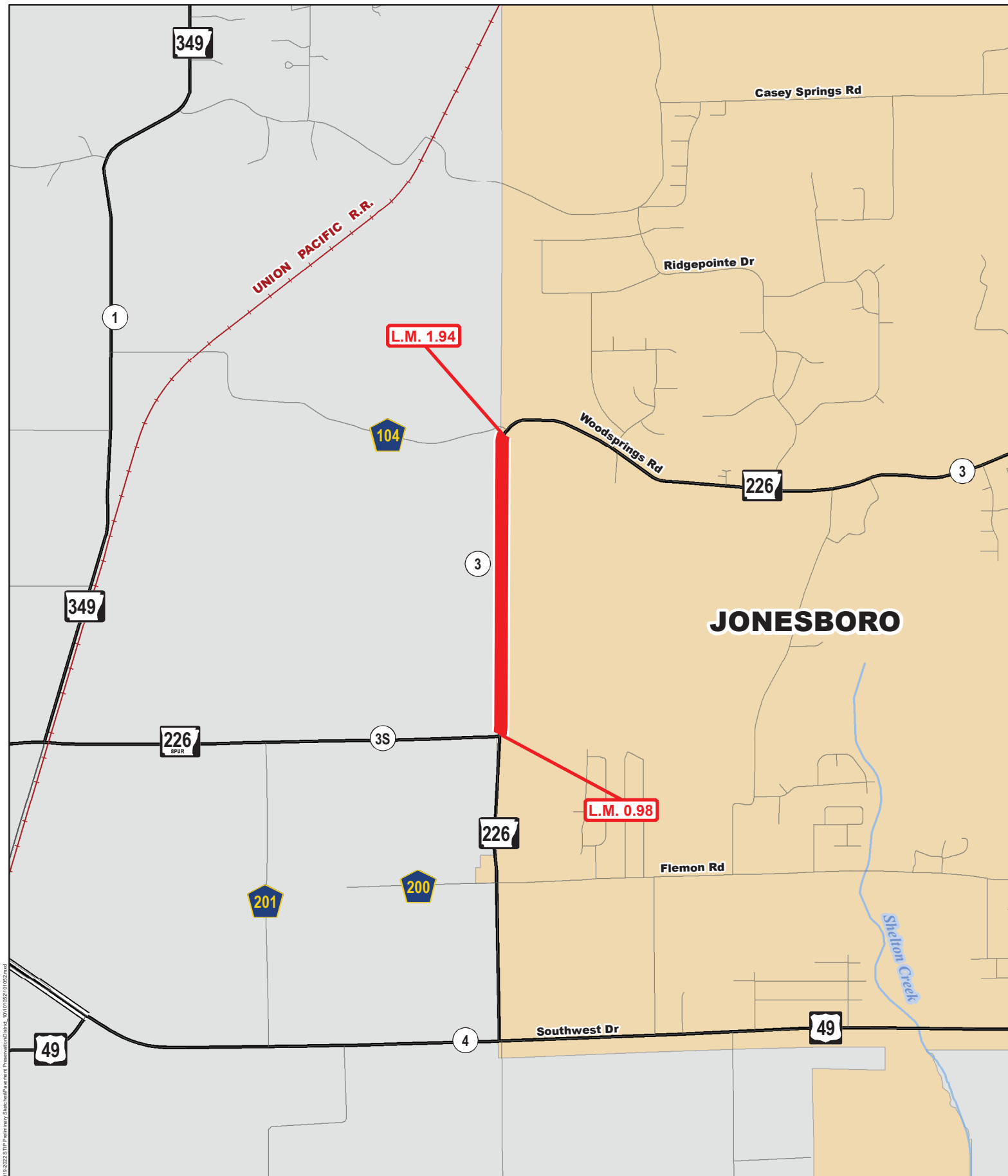


Job 090649

Hwy. 62B Impvts. (Cotter) (S)

Hwy. 62, Secs. 9B & 10B
Baxter & Marion Counties



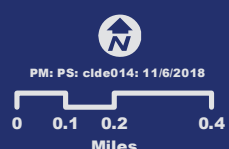


Job 101052

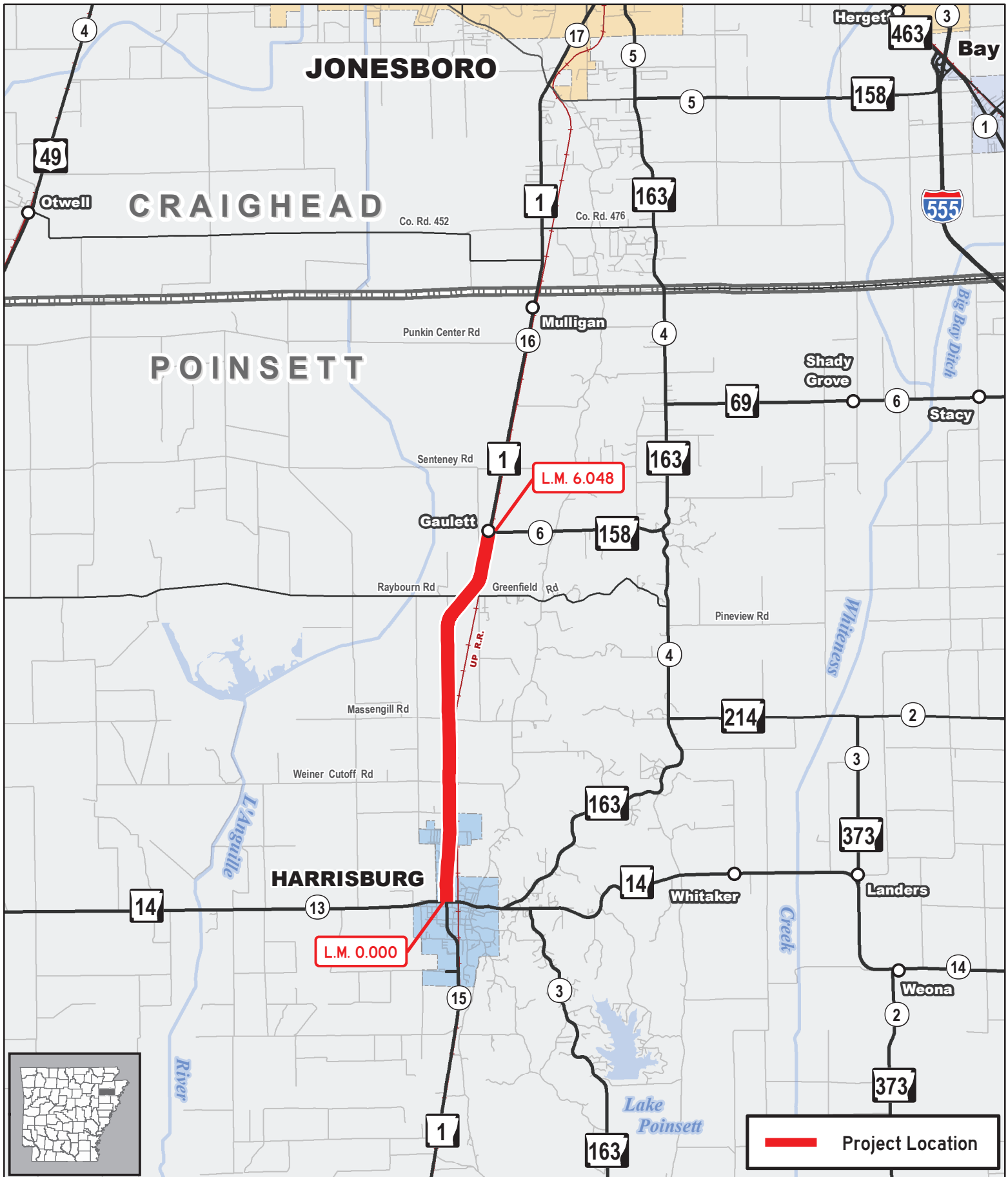
Hwy. 226 Spur - North (Jonesboro) (S)

Hwy. 226, Sec. 3

Craighead County



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Job 101101
Hwy. 14 – Hwy. 158 (S)
Hwy. 1, Sec. 16
Poinsett County





INTEROFFICE MEMORANDUM

May 20, 2021

TO: Job File

M H

FROM: M. Hughes, Cultural Resources

SUBJECT: Cultural Resources Clearance
Job Number 110756
White Co. Line – Crittenden Co. Line (Sel. Secs.) (S)
Route 64, Sections 12, 13, 14, 15, & 16
Cross and Woodruff Counties

This job proposes to apply a 2" overlay and fog seal to 52.73 miles of Highway 64 in Cross and Woodruff Counties.

This project is subject to the 2021 Programmatic Agreement and falls under Activities C and D in Appendix B. The project is exempted from further work or Section 106 review.



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INTEROFFICE MEMORANDUM

May 20, 2021

TO: Job File

M H

FROM: M. Hughes, Cultural Resources

SUBJECT: Cultural Resources Clearance
Job Number 110762
Big Creek – Little Hog Tusk Creek (S)
Route 79, Section 15
Lee County

This job proposes to mill & overlay 2.47 miles of Highway 79 in Lee County.

This project is subject to the 2021 Programmatic Agreement and falls under Activity C in Appendix B. The project is exempted from further work or Section 106 review.



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INTEROFFICE MEMORANDUM

May 20, 2021

TO: Job File

M H

FROM: M. Hughes, Cultural Resources

SUBJECT: Cultural Resources Clearance
Job Number 110763
Smith Corner – E. of Marianna (Sel. Secs.) (S)
Route 79, Sections 15 & 16
Lee County

This job proposes to apply 1" level up & overlay and level & overlay 10.41 miles of Highway 79 in Lee County.

This project is subject to the 2021 Programmatic Agreement and falls under Activity C in Appendix B. The project is exempted from further work or Section 106 review.



INTEROFFICE MEMORANDUM

May 20, 2021

TO: Job File

M H

FROM: M. Hughes, Cultural Resources

SUBJECT: Cultural Resources Clearance
Job Number 110778
Monroe Co. Line – Hwy. 318 (S)
Route 1, Section 7
Phillips County

This job proposes to 1" level up & overlay 5.37 miles of Highway 1 in Phillips County.

This project is subject to the 2021 Programmatic Agreement and falls under Activity C in Appendix B. The project is exempted from further work or Section 106 review.



INTEROFFICE MEMORANDUM

July 25, 2022

TO: Environmental Job File

FROM: Jason Eads, Cultural Resources Section


SUBJECT: Cultural Resources Clearance
Job 020755
I-530 – Baldwin Rd. (White Hall) (S)
Route 265, Section 1
Jefferson County

This job proposes 2.88 miles of 1-inch level up and UTBWC, while adding 2-foot shoulders to 0.93 miles of the project, on Highway 265 in White Hall, Jefferson County.

A records review included an examination of site files at the Arkansas Archeological Survey's (ARAS) database for previously recorded archeological sites and the Arkansas Historic Preservation Program's (AHPP) database for structures, properties or features eligible for or listed on the National Register of Historic Places (NRHP). Map review included the 1825 General Land Office plat of Township 5 South, Range 10 West, the 1936 Jefferson County highway map, and the 1984 7.5' White Hall, ARK topographic map.

The review of the ARAS and the AHPP databases identified one historic property (JE0927- Caney Creek Bridge [ARDOT Bridge M2572]) within the project limits. The work on Bridge M2572 will include level up and UTBWC. None of the other resources reviewed indicated any potential cultural resources in or near the project.

The highway infrastructure and known construction practices were examined to assess previous ground disturbance. This type of undertaking has no potential to cause effects to historic properties. All work will take place within

the existing ROW, and the limited scope of the project occurs within previously disturbed areas. Therefore, this project requires no Section 106 review under Appendix C, Activities 2 and 15, of the 2021 Programmatic Agreement.



ARKANSAS DEPARTMENT OF TRANSPORTATION

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INTEROFFICE MEMORANDUM

August 7, 2023

TO: Environmental Job File

FROM: Richard Jenkins, Cultural Resources Section *RJ*

SUBJECT: Cultural Resources Clearance
Job 030554
Nashville – Hwy. 332 (S)
Route 278, Sections 4 & 5
Hempstead and Howard Counties

This job proposes 5.67 miles of mill and overlay with patching and 2' shoulders, on Highway 278 from the north intersection of Highway 27 to the south intersection of Highway 332 in Nashville in Hempstead and Howard Counties. No new right-of-way (ROW) will be acquired. All work will occur within the existing roadway.

A records check at the Arkansas Archeological Survey shows no sites in or near the proposed project. No historic structures were shown on the Arkansas Historic Preservation Program's structure database that are eligible or listed on the National Register of Historic Places near the project. No cultural indicators were found on the GLO maps, the 1936 County road maps, quadrangle maps, and aerial imagery.

The highway infrastructure, known construction practices, utilities, and available plans were examined to assess previous ground disturbance. This type of undertaking will not affect historic properties. All work will be within the existing ROW, and the current scope of the project occurs within previously disturbed areas. Therefore, this project requires no Section 106 review under Appendix C, Activity 2, of the 2021 Programmatic Agreement.



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INTEROFFICE MEMORANDUM

August 17, 2023

TO: Environmental Job File

FROM: Richard Jenkins, Cultural Resources Section

A handwritten signature in black ink, appearing to be 'RJ', is placed to the right of the 'FROM' line.

SUBJECT: Cultural Resources Clearance
Job 030565
S. of UPRR Overpass – Red River (S)
Route 67, Section 1
Miller County

This job proposes 2.53 miles of mill and overlay, on Highway 67 from Log Mile 16.12 to Log Mile 18.648, in Miller County.

This project is subject to the 2021 Programmatic Agreement and falls under Activity C in Appendix B. The project is exempt from further work or Section 106 review.



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INTEROFFICE MEMORANDUM

July 20, 2022

TO: Environmental Job File

FROM: Shelby Linck, Cultural Resources Section

SL

SUBJECT: Cultural Resources Clearance
Job 040843
Hwy. 45 – Randall Wobbe Ln.
(Fayetteville & Springdale) (S)
Route 265, Section 2
Washington County

This job proposes 8.29 miles of UTBWC and rumble strips (log miles 9.507–10.500). Work will be completed on Highway 265 from the intersection of Highway 45 to just north of the intersection of East Randall Wobbe Lane (log miles 2.400–10.688) in Washington County.

This project is subject to the 2021 Programmatic Agreement and falls under Activities C and F in Appendix B. The project is exempt from Section 106 review.



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INTEROFFICE MEMORANDUM

August 9, 2023

TO: Environmental Job File

FROM: Shelby Linck, Cultural Resources Section *SL*

SUBJECT: Cultural Resources Clearance
Job 040877
Hwy. 62 – Hwy. 45 (S)
Route 59, Section 4
Washington County

This job proposes 6.08 miles of 1" level up and overlay. Work will be completed on Highway 59 from the intersection of Highway 62 and Highway 59 to the intersection of Highway 59 and Highway 45 in Washington County.

This project is subject to the 2021 Programmatic Agreement and falls under Activity C in Appendix B. The project is exempt from further work or Section 106 review.



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INTEROFFICE MEMORANDUM

August 9, 2023

TO: Environmental Job File

FROM: Shelby Linck, Cultural Resources Section *SL*

SUBJECT: Cultural Resources Clearance
Job 040879
Hwy. 10 – Hwy. 22 (S)
Route 96, Section 2
Sebastian County

This job proposes 8.341 miles of ultra-thin bonded wearing course (UTBWC) treatment. Work will be completed on Highway 96 from the intersection of Highway 10 to the intersection of Highway 22 in Sebastian County.

This project is subject to the 2021 Programmatic Agreement and falls under Activity D in Appendix B. The project is exempt from further work or Section 106 review.



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INTEROFFICE MEMORANDUM

August 7, 2023

TO: Environmental Job File

FROM: *KB*
Kristina Boykin, Cultural Resources Section

SUBJECT: Cultural Resources Clearance
Job 050436
White Co. Line – Heber Springs (Sel. Secs.) (S)
Route 5, Section 15
Route 25, Section 2
Route 110, Section 6
Cleburne County

The project proposes to level and overlay on Highways 5 and 25 and level and UTBWC on Highway 110 for a total distance of 10.34 miles in Cleburne County.

This project is subject to the 2021 Programmatic Agreement and falls under Activities C and D in Appendix B. The project is exempt from further work or Section 106 review.



INTEROFFICE MEMORANDUM

August 7, 2023

TO: Environmental Job File

FROM: *KB*
Kristina Boykin, Cultural Resources Section

SUBJECT: Cultural Resources Clearance
Job 050455
Hwy. 58 – Lawrence Co. Line (S)
Route 63, Section 2
Sharp County

The project proposes to level and UTBWC on Highway 63 for a distance of 5.38 miles in Sharp County.

This project is subject to the 2021 Programmatic Agreement and falls under Activities C and D in Appendix B. The project is exempt from further work or Section 106 review.



Sarah Huckabee Sanders
Governor
Mike Mills
Secretary

May 4, 2023

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

RE: Lonoke and Prairie Counties: General
Section 106 Review: FHwA
Proposed Undertaking: Hwy. 367 – Hwy. 13 (S)
Route 38, Sections 0 & 1
ARDOT Number: 061788
AHPP Tracking Number: 111012

Dear Mr. Fleming:

The staff of the Arkansas Historic Preservation Program (AHPP) reviewed the submitted cultural resources survey for the above referenced undertaking in Prairie and Lonoke Counties, Arkansas. The proposed project entails the milling and overlying of 15.72 miles of Highway 38. There are ten previously recorded archeological sites, five properties, and a Civil War marked located near the area of potential effect (APE). However, no new right-of-way will be acquired, and all work will take place on existing paved surfaces.

Based on the provided information, the AHPP concurs with the finding of **no historic properties affected pursuant to 36 CFR § 800.4(d)(1)** for the proposed undertaking and that no further archeological work is needed.

Tribes that have expressed an interest in the area include the Caddo Nation, the Chickasaw Nation, the Choctaw Nation of Oklahoma, the Jena Band of Choctaw Indians, 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. Please refer to the AHPP Tracking Number listed above in all correspondence. If you have any questions, call Kathryn Bryles at 501-324-9784 or email kathryn.bryles@arkansas.gov.

Sincerely,

Kathryn
Bryles

Digitally signed by
Kathryn Bryles
Date: 2023.05.04
10:43:00 -05'00'

for

Scott Kaufman
AHPP Director and State Historic Preservation Officer

cc: Dr. Melissa Zabecki, Arkansas Archeological Survey
Mr. Randal Looney, Federal Highway Administration



INTEROFFICE MEMORANDUM

August 15, 2023

TO: Environmental Job File

FROM: Daniel Hildebran, Cultural Resources
Daniel Hildebran

SUBJECT: Cultural Resources Clearance
Job 070549
N. of Camden – Freeo Creek (S)
Route 7, Section 4
Ouachita County

This project proposes to level up and apply UTBWC and add 4' shoulders on 6 miles of Highway 7 in Ouachita County. The project extends from Log Mile 1.400 to 7.400 on Highway 7.

A records check at the Arkansas Archaeological Survey shows three sites (3OU0006, 3OU0275, and 3OU0124) near the proposed project, but will not be effected by this undertaking. The review of the Arkansas Historic Preservation Program's structure database shows no historic structures near the project. ARDOT Bridge M0161 is within the project area, but the Post-1945 Program Comment applies to this bridge. No cultural indicators were found on the 1829 General Land Office plat, the 1936 Ouachita County road map, quadrangle maps, or aerial imagery.

The vertical and horizontal extents, known construction practices, available plans, and contours were examined to assess previous ground disturbance. This type of undertaking will not affect historic properties. All work will be within previously disturbed areas. This project is subject to the 2021 Programmatic Agreement and falls under Activities 2 and 17 in Appendix C. The project requires no Section 106 review.



ARKANSAS DEPARTMENT OF TRANSPORTATION

ARDOT.gov | IDriveArkansas.com | Lorie H. Tudor, P.E., Director

10324 Interstate 30 | P.O. Box 2261 | Little Rock, AR 72203-2261 | Phone: 501.569.2000

INTEROFFICE MEMORANDUM

August 15, 2023

TO: Environmental Job File

FROM: Daniel Hildebran, Cultural Resources

Daniel Hildebran

SUBJECT: Cultural Resources Clearance
Job 070560
Hwy. 7 – Hwy. 82 (S)
Route 167, Section 1
Union County

This project proposes to mill and inlay level up and overlay on 3.67 miles of Highway 167 in Union County.

This project is subject to the 2021 Programmatic Agreement and falls under Activity C in Appendix B. The project is exempt from further work or Section 106 review.



ARKANSAS DEPARTMENT OF TRANSPORTATION

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INTEROFFICE MEMORANDUM

July 14, 2022

TO: Assessments

FROM: Wm. Lane Shields, Cultural Resources Section


SUBJECT: Cultural Resources Clearance
Job 080646
Polk Co. Line—Caddo River
Route 8, Section 2
Montgomery County

This project proposes 6.27 miles of a 1-inch level-up and overlay plus the addition of 2-foot shoulders on Hwy. 8, between the Polk/Montgomery County line and the Caddo River, just east of Cox Spring, in Montgomery County.

An archeological and historic records review was conducted for this project which includes the Arkansas Archeological Survey (ARAS) site files in the Automated Management of Archeological Site Data in Arkansas (AMASDA) database, the Arkansas Historic Preservation Program (AHPP) recorded structures and site/properties files, and the ARDOT bridge database. Other background research includes the 1844 and 1847 General Land Office (GLO) plats for Township 3 South, Range 14 West; Township 3 South, Range 13 West; Township 3 South, Range 15 West, the 1936 Montgomery County General Highway and Transportation Map, and all 19 versions of USGS topographic quadrangles for the area. All sources were reviewed for cemeteries, historic structures, and landforms conducive to hold archeological sites in or near the project.

The ARAS documents 13 cultural resources along the valley and the toe slopes of the bordering mountains as well as 13 previously completed projects. Most of the sites are historical, including multiple GLO fields and all of the projects are the result of US Forest Service (USFS) actions. Site 3MN2774 is the Civilian Conservation Corps (CCC) Camp Slatington, occupied June 15, 1933–January 9,

1936. These camps are a research topic for the Cultural Resources Section and numerous CCC roads and culverts were known to be in the vicinity of nearby Mosquito Gap, which are probably associated with this camp. Despite 12 structures reused by USFS, they have no records. Only foundation remnants and minor amounts of metal are documented although the location is noted as heavily overgrown. The camp was west/southwest of the road but sometime between 1942 and 1980 the road was moved downslope and the current alignment is adjacent to the southwest edge of the camp. While suggested, it is not documented that the current alignment impacted the camp.

The AHPP database showed no structures in or near the project. The only cemetery in the general area, Cox Cemetery (3MN2713) is near the middle of the corridor but north of the valley along the Sulphur Springs Road and not visible. It is in the USGS' Geographic Names Information System database. Sulphur Springs was called Redbird on the 1906 USGS quadrangle (Caddo Gap, 1:125,000).

The GLO plats show several fields along the valley and a road segment along a portion of the corridor. That road is not mapped to either side. The USGS quadrangles range from 1906–2020. The 1906 quadrangle shows a relatively large community called Slatington just north of Mosquito Gap, but sparse to very sparse settlement in the valley. By 1936 Slatington is gone but Cox Springs is in the valley, which remains sparse to very sparsely settled (Athens, 1:48,000 and 1:62,500). Cox Cemetery and the CCC camp are mapped. The 1936 highway map supports those maps and shows a church in the valley south of the cemetery. The 1942 quadrangle, Athens (1:62,500), does not appear to have been modified from 1936. The five quadrangles between, 1955–1964, are at small scale. The 1980 Polk Creek Mountain quadrangle (1:24,000), mirrors the pattern today of almost no settlement as it is almost entirely within the USFS.

The project will be within the existing disturbed ROW. There will be no impact to known cultural resources and there is no potential to encounter significant archeological materials. This project is subject to the 2021 Programmatic Agreement with the proposed actions falling under Activity 2 of Appendix C. The project requires no Section 106 review.



ARKANSAS DEPARTMENT OF TRANSPORTATION

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10324 Interstate 30 | P.O. Box 2261 | Little Rock, AR 72203-2261 | Phone: 501.569.2000

INTEROFFICE MEMORANDUM

June 3, 2021

TO: Assessments

FROM: Wm. Lane Shields, Cultural Resources Section

A handwritten signature in black ink, appearing to read 'Wm Lane Shields', is written over the printed name.

SUBJECT: Cultural Resources Clearance
Job 090649
Hwy. 62B Impvts. (Cotter) (S)
Route 62B, Sections 9B & 10B
Marion & Baxter Counties

This project proposes to apply 2" overlay along Section 9B and mill and overlay along Section 10B in Marion and Baxter counties respectively.

This project is subject to the 2021 Programmatic Agreement and falls under Activity C in Appendix B. The project is exempted from further work or Section 106 review.



ARKANSAS DEPARTMENT OF TRANSPORTATION

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10324 Interstate 30 | P.O. Box 2261 | Little Rock, AR 72203-2261 | Phone: 501.569.2000

INTEROFFICE MEMORANDUM

August 7, 2023

TO: Environmental Job File

FROM: Wm. Lane Shields, Cultural Resources Section


SUBJECT: Cultural Resources Clearance
Job 101052
Hwy. 226 Spur – North (Jonesboro) (S)
Route 226, Section 3
Craighead County

This project proposes to add an overlay on 0.96 miles of Highway 226 from the intersection of Route 226S, aka the Cash Highway, to the intersection of Craighead 104 Road east of Jonesboro in Craighead County.

This project is subject to the 2021 Programmatic Agreement and falls under Activity C in Appendix B. The project is exempt from further work or Section 106 review.



ARKANSAS DEPARTMENT OF TRANSPORTATION

ARDOT.gov | IDriveArkansas.com | Lorie H. Tudor, P.E., Director

10324 Interstate 30 | P.O. Box 2261 | Little Rock, AR 72203-2261 | Phone: 501.569.2000

INTEROFFICE MEMORANDUM

August 15, 2023

TO: Environmental Job File

FROM: Daniel Hildebran, Cultural Resources
Daniel Hildebran

SUBJECT: Cultural Resources Clearance
Job 101080
Jonesboro – Greene Co. Line (S)
Route 351, Section 2
Craighead County

This project proposes to perform leveling and adding UTBWC on 7.25 miles of Highway 351 in Craighead County.

This project is subject to the 2021 Programmatic Agreement and falls under Activities C and D in Appendix B. The project is exempt from further work or Section 106 review.



ARKANSAS DEPARTMENT OF TRANSPORTATION

ARDOT.gov | IDriveArkansas.com | Lorie H. Tudor, P.E., Director

10324 Interstate 30 | P.O. Box 2261 | Little Rock, AR 72203-2261 | Phone: 501.569.2000

INTEROFFICE MEMORANDUM

August 15, 2023

TO: Environmental Job File

FROM: Daniel Hildebran, Cultural Resources

A handwritten signature in blue ink, appearing to read 'Daniel Hildebran', is placed below the 'FROM' line.

SUBJECT: Cultural Resources Clearance
Job 101101
Hwy. 14 – Hwy. 158 (S)
Route 1, Section 16
Poinsett County

This project proposes to perform leveling and adding UTBWC on 6.05 miles of Highway 1 in Poinsett County.

This project is subject to the 2021 Programmatic Agreement and falls under Activities C and D in Appendix B. The project is exempt from further work or Section 106 review.



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



In Reply Refer To:
Project Code: 2023-0117431
Project Name: Polk Co. Line - Caddo River (S)

August 15, 2023

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

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, 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.*).

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 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 IPaC system by completing the same process used to receive the enclosed list.

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.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological

evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf>

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts see <https://www.fws.gov/program/migratory-bird-permit/what-we-do>.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures see <https://www.fws.gov/library/collections/threats-birds>.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit <https://www.fws.gov/partner/council-conservation-migratory-birds>.

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 Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

ENDANGERED SPECIES ACT SPECIES

There is a total of 12 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.

MAMMALS

NAME	STATUS
Indiana Bat <i>Myotis sodalis</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Endangered
Tricolored Bat <i>Perimyotis subflavus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10515	Proposed Endangered

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	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 does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6039	Threatened
Red Knot <i>Calidris canutus rufa</i> There is proposed critical habitat for this species. Species profile: https://ecos.fws.gov/ecp/species/1864	Threatened
Red-cockaded Woodpecker <i>Picoides borealis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7614	Endangered

REPTILES

NAME	STATUS
Alligator Snapping Turtle <i>Macrochelys temminckii</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4658	Proposed Threatened

CLAMS

NAME	STATUS
Arkansas Fatmucket <i>Lampsilis powellii</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2213	Threatened
Ouachita Fanshell <i>Cyprogenia sp. cf. aberti</i> There is final critical habitat for this species.	Threatened
Rabbitsfoot <i>Quadrula cylindrica cylindrica</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5165	Threatened

INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate

CRITICAL HABITATS

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

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

IPAC USER CONTACT INFORMATION

Agency: Arkansas Department of Transportation

Name: Nicholas Dial

Address: 10324 I-30

City: Little Rock

State: AR

Zip: 72209

Email: nicholas.dial@ardot.gov

Phone: 5015692617



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



In Reply Refer To:
Project Code: 2023-0118690
Project Name: November 2023 Pavement Preservation

August 18, 2023

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

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, 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.*).

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 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 IPaC system by completing the same process used to receive the enclosed list.

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.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological

evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf>

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts see <https://www.fws.gov/program/migratory-bird-permit/what-we-do>.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures see <https://www.fws.gov/library/collections/threats-birds>.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit <https://www.fws.gov/partner/council-conservation-migratory-birds>.

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 Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

ENDANGERED SPECIES ACT SPECIES

There is a total of 39 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.

MAMMALS

NAME	STATUS
Gray Bat <i>Myotis grisescens</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6329	Endangered
Indiana Bat <i>Myotis sodalis</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Endangered
Ozark Big-eared Bat <i>Corynorhinus (=Plecotus) townsendii ingens</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7245	Endangered
Tricolored Bat <i>Perimyotis subflavus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10515	Proposed Endangered

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	Threatened
Ivory-billed Woodpecker <i>Campephilus principalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8230	Endangered
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 does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6039	Threatened
Red Knot <i>Calidris canutus rufa</i> There is proposed critical habitat for this species. Species profile: https://ecos.fws.gov/ecp/species/1864	Threatened
Red-cockaded Woodpecker <i>Picoides borealis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7614	Endangered
Whooping Crane <i>Grus americana</i> Population: U.S.A. (AL, AR, CO, FL, GA, ID, IL, IN, IA, KY, LA, MI, MN, MS, MO, NC, NM, OH, SC, TN, UT, VA, WI, WV, western half of WY) No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/758	Experimental Population, Non- Essential

REPTILES

NAME	STATUS
Alligator Snapping Turtle <i>Macrochelys temminckii</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4658	Proposed Threatened

AMPHIBIANS

NAME	STATUS
Ozark Hellbender <i>Cryptobranchus alleganiensis bishopi</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/647	Endangered

FISHES

NAME	STATUS
Leopard Darter <i>Percina pantherina</i> There is final critical habitat for this species. Your location overlaps the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/8470	Threatened
Ozark Cavefish <i>Amblyopsis rosae</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6490	Threatened
Pallid Sturgeon <i>Scaphirhynchus albus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7162	Endangered
Yellowcheek Darter <i>Etheostoma moorei</i> There is final critical habitat for this species. Your location overlaps the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/7871	Endangered

CLAMS

NAME	STATUS
Arkansas Fatmucket <i>Lampsilis powellii</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2213	Threatened
Curtis Pearlymussel <i>Epioblasma florentina curtisii</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/5628	Endangered
Fat Pocketbook <i>Potamilus capax</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2780	Endangered
Louisiana Pearlshell <i>Margaritifera hembeli</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8468	Threatened
Neosho Mucket <i>Lampsilis rafinesqueana</i> There is final critical habitat for this species. Your location overlaps the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/3788	Endangered
Ouachita Fanshell <i>Cyprogenia sp. cf. aberti</i> There is final critical habitat for this species.	Threatened
Ouachita Rock Pocketbook <i>Arcidens wheeleri</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4509	Endangered
Pink Mucket (pearlymussel) <i>Lampsilis abrupta</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7829	Endangered
Rabbitsfoot <i>Quadrula cylindrica cylindrica</i> There is final critical habitat for this species. Your location overlaps the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5165	Threatened
Scaleshell Mussel <i>Leptodea leptodon</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/5881	Endangered
Snuffbox Mussel <i>Epioblasma triquetra</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4135	Endangered
Speckled Pocketbook <i>Lampsilis streckeri</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7869	Endangered
Spectaclecase (mussel) <i>Cumberlandia monodonta</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7867	Endangered
Winged Mapleleaf <i>Quadrula fragosa</i>	Endangered

NAME	STATUS
Population: Wherever found, except where listed as an experimental population No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4127	

INSECTS

NAME	STATUS
American Burying Beetle <i>Nicrophorus americanus</i> Population: Wherever found, except where listed as an experimental population No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/66	Threatened
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate

CRUSTACEANS

NAME	STATUS
Benton County Cave Crayfish <i>Cambarus aculabrum</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/5011	Endangered
Hell Creek Cave Crayfish <i>Cambarus zophonastes</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1552	Endangered

FLOWERING PLANTS

NAME	STATUS
Geocarpon minimum No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7699	Threatened
Harperella <i>Ptilimnium nodosum</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/3739	Endangered
Missouri Bladderpod <i>Physaria filiformis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/5361	Threatened
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 5 critical habitats wholly or partially within your project area under this office's jurisdiction.

NAME	STATUS
Leopard Darter <i>Percina pantherina</i> https://ecos.fws.gov/ecp/species/8470#crithab	Final
Louisiana Pigtoe <i>Pleurobema riddellii</i> For information on why this critical habitat appears for your project, even though Louisiana Pigtoe is not on the list of potentially affected species at this location, contact the local field office. https://ecos.fws.gov/ecp/species/10233#crithab	Proposed
Neosho Mucket <i>Lampsilis rafinesqueana</i> https://ecos.fws.gov/ecp/species/3788#crithab	Final
Rabbitsfoot <i>Quadrula cylindrica cylindrica</i> https://ecos.fws.gov/ecp/species/5165#crithab	Final
Yellowcheek Darter <i>Etheostoma moorei</i> https://ecos.fws.gov/ecp/species/7871#crithab	Final

IPAC USER CONTACT INFORMATION

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ARDOT ENVIRONMENTAL VERIFICATION CHECKLIST FOR CONSIDERATION OF POTENTIAL IMPACTS

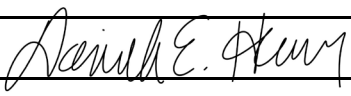
ARDOT Job See Table FAP See Table
Job Title See Table

Environmental Resource	None	Minimal	Major	Comments
Air Quality	X			No impacts anticipated
Cultural Resources	X			No impacts anticipated
Economic	X			No impacts anticipated
Endangered Species	X			No Effect determination
Environmental Justice/Title VI	X			No impacts anticipated
Fish and Wildlife	X			No impacts anticipated
Floodplains	X			No impacts anticipated
Forest Service Property	X			None in project area
Hazardous Materials/Landfills	X			No impacts anticipated
Land Use	X			No impacts anticipated
Migratory Birds	X			No impacts anticipated
Navigation/Coast Guard	X			None in project area
Noise Levels	X			No impacts anticipated
Prime Farmland	X			No impacts anticipated
Protected Waters	X			WPC SP – Caddo River
Public Recreation Lands	X			No impacts anticipated
Public Water Supply/WHPA	X			WHP SP
Relocates	X			No relocations
Section 4(f)/6(f)	X			No impacts anticipated
Social	X			No impacts anticipated
Underground Storage Tanks	X			No impacts anticipated
Visual	X			No impacts anticipated
Streams	X			No impacts anticipated
Water Quality	X			No impacts anticipated
Wetlands	X			None in project area
Wildlife Refuges	X			None in project area

Section 401 Water Quality Certification Required? No
 Short-term Activity Authorization Required? No
 Section 404 Permit Required? No Type None

Remarks:

080646 – Water Pollution Control SP, Wellhead Protection SP; 090649 – Water Pollution Control SP

Signature of Evaluator  Date 09/06/2023