




INTEROFFICE MEMORANDUM

December 1, 2023

TO: Master Files

FROM: John Fleming, Division Head, Environmental Division 

SUBJECT: 2024 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.

The purpose of these projects is to preserve and rehabilitate the highways. The attached table lists the projects, their locations, and type of work. Project location maps and cultural resources clearances are also attached. Recent funding changes have resulted in changes to the job numbers of the projects included in this Tier 1 CE. The new and previous job numbers are listed in the attached table.

The project 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 have not been linked with any special mobile source air toxics concerns.

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 area: 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*), Salamander Mussel (*Simpsonaias ambigua*), 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. This project will have “no effect” on the aforementioned federally listed species due to the limited scope of the action, lack of suitable habitat, and distance to known species locations.

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

These projects would not have a discharge of dredged or fill material into waters of the United States; therefore, a Section 404 permit will not be required.

Attachments

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

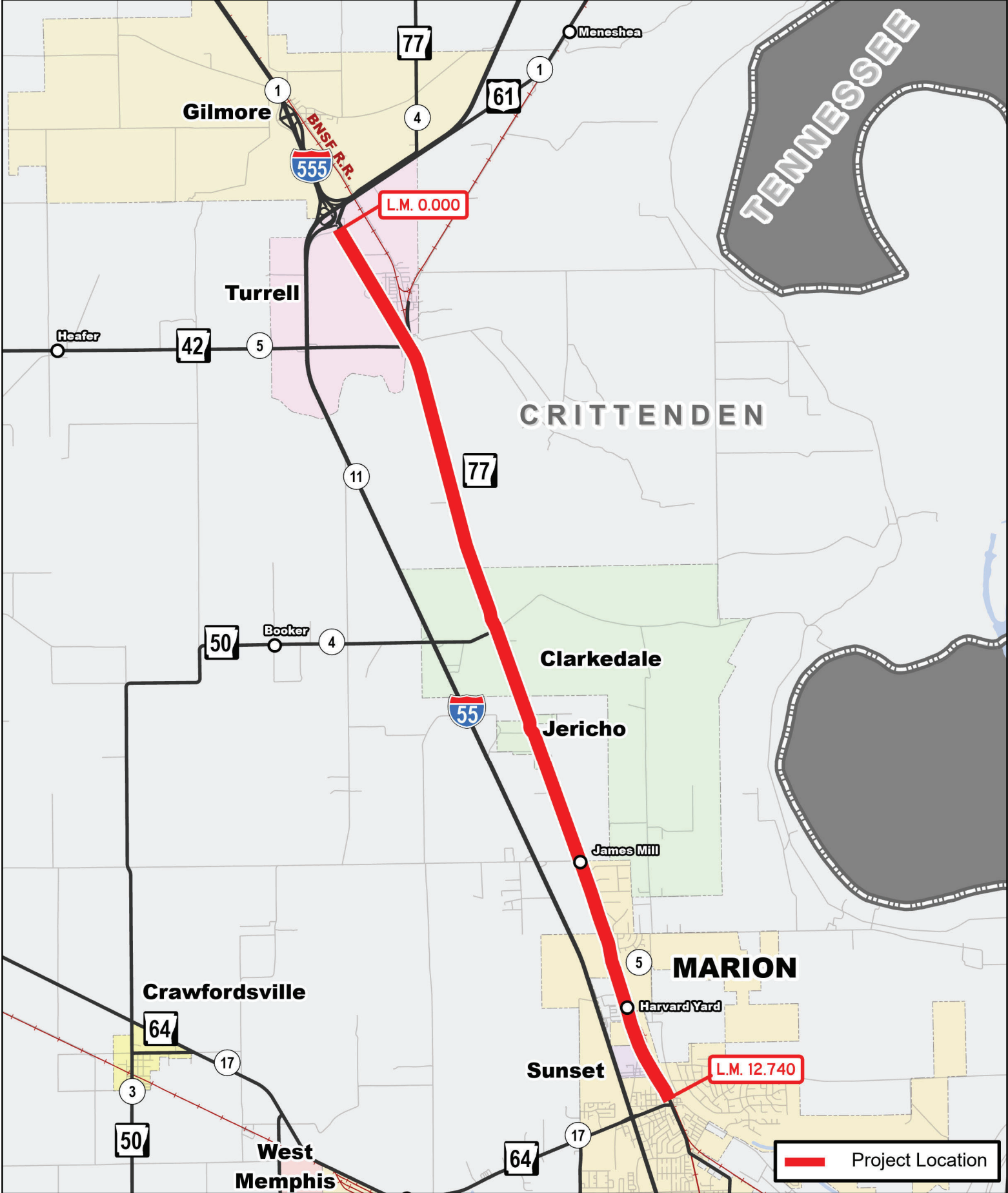
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District	New Job Number	Previous Job Number	FAP	Job Name	County	Route/Section	Scope	Length of Job (mi.)
1	A10027	110740	STPR-0018(59)	I-555 - Hwy. 64 (S)	Crittenden	77/5	Thin Overlay (LM 0-1.90; LM 10.14-12.74); 1" Level Up & Overlay (LM 1.90 - 7.21); & 1" Level Up & Overlay w/ UTBWC (LM 7.21-10.14)	12.74
1	A10028	110746	STPR-0018(65)	Hwy. 50 - Hwy. 70 (S)	Crittenden	147/1	UTBWC	10.11
1	A10029	110750	STPR-0019(53)	Hickory Ridge - Gum Slough (S)	Cross	42/2	Spot leveling & 1.5" Overlay, Add 2' Shoulders	3.56
1	A10031	110757	NHPP-3954(1)	Hwy. 49 - Hwy. 243 (Sel. Secs.) (S)	Lee & Phillips	1/8, 9, 9B & 10	Fog Seal (Sec. 8, Sec. 9 LM 0-6.14, Sec. 10), Mill & Overlay (Sec. 9 LM 6.14-9.32), UTBWC (Sec. 9B), Rumble Strips	18.62
1	A10034	110774	NHPP-0048(44)	Prairie Co. Line - Hwy. 79B (S)	Monroe	79/13	1" Level Up & UTBWC	4.38
1	A10036	110779	HSIP-STPR-0054(33)	Hwys. 44 & 318 Impvts. (Phillips Co.) (S)	Phillips	44/3 318/3	Spot Leveling & 1.5" Overlay, 2' Shoulders (Hwy. 44); Level Up & 2" Overlay (Hwy. 318)	11.47
1	A10037	110781	NHPP-0054(34)	Hwy. 39 - Hwy. 1 (Sel. Sec.) (S)	Phillips	49/10	1" Level Up & UTBWC	2
1	A10038	110784	STPR-0054(35)	Co. Rd. 300 - Hwy. 1 (Sel. Secs.) (S)	Phillips	242/0 & 1	UTBWC; 2' Shoulders	9.88
1	A10039	110793	STPR-0074(40)	Hwy. 260 - Hwy. 64 (S)	Woodruff	33/7	1" Level & UTBWC; 2' Shoulders	3.03
1	A10040	110794	STPR-0074(41)	Prairie Co. Line - Hwy. 17 (S)	Woodruff	38/2	UTBWC	6.26
1	A10041	110795	STPR-0074(42)	North of Hunter - Monroe Co. Line (S)	Woodruff	49/7	2" Overlay	7.1
2	A20026	020735	STPR-0002(52)	Crossett - Fountain Hill (Sel. Secs.) (S)	Ashley	8/13 82/8 133/1	2" Overlay (Hwy. 133 LM 5.359-7.081); 1.5" Level & 2" Overlay (Hwy. 8; Hwy. 133 LM 10.764-15.05); 2" Mill & Overlay/Inlay (Hwy. 82); 2" Mill & Inlay (Hwy. 133 LM 0-1.1)	13.2
2	A20027	020742	NHPP-0022(46)	Ashley Co. Line - Monticello (Sel. Secs.) (S)	Drew	425/3 & 4	1" Level Up & Overlay (Sec. 3); Mill & Inlay (Sec. 4)	11.99
2	A20029	020756	NHPP-0040(42)	Star City - Jefferson Co. Line (S)	Lincoln	425/5 & 6	Mill & Inlay/Overlay	13.8
3	A30028	030560	STPR-0031(41)	Hwy. 70 - Center Point (S)	Howard	278/3	1" Level Up & Overlay; Add 2' Shoulders	9.4
3	A30029	030562	STPR-0041(52)	Ashdown - Hwy. 317 (S)	Little River	32/3	1" Level Up & Overlay with Patching	7
3	A30031	030567	NHPP-9414(45)	Hwy. 296 North & South (State Line Rd.) (Texarkana) (S)	Miller	71/3	Mill & Overlay	1.33
3	A30032	030569	STPF-0046(53)	I-49 - East (S)	Miller	196/1	UTBWC; Rumble Strips	3.95
3	A30033	030570	STPR-0050(37)	Hwy. 371 - Hwy. 29 (S)	Nevada	19/5	Mill & Inlay (LM 0-0.19); 2" Overlay (LM 0.19-2); 2" Mill & Overlay (LM 2-8.59); Rumble Strips	8.59

District	New Job Number	Previous Job Number	FAP	Job Name	County	Route/Section	Scope	Length of Job (mi.)
3	A30034	030571	NHPP-0050(39)	I-30 - East (Sel. Secs.) (S)	Nevada	24/5 371/4	Mill & Inlay/Overlay (Sec. 4), 1" Level Up & Overlay (Sec. 5)	15.85
3	A30035	030574	STPR-0050(41)	Hwy. 371 - Ouachita Co. Line (S)	Nevada	278/7	1" Mill & 2" Overlay	10.76
3	A30036	030578	STPR-5055(1)	Hwy. 29 - North (Sel. Secs.) (S)	Nevada & Pike	19/5 & 6	1" Level Up & Overlay; Rumble Strips	4.03
4	A40028	N/A	NHPP-9150(44)	Hwy. 71B Preservation (Towson Ave.) (Fort Smith) (S)	Sebastian	71/14B	Mill & Overlay	3.8
4	A40030	040838	STPF-0065(64)	Hwys. 64, 253 & 271 Impvts. (Fort Smith) (S)	Sebastian	64/1 253/2 271/1	Concrete Patching, Joint Sealing (Hwy. 64); 2" Mill & 5" Concrete Iverlay (Hwys. 253 & 271); Rumble Stripes	2.83
4	A40031	040842	STPF-0072(74)	Fayetteville - Hwy. 412 (S)	Washington	112/1	1" Level Up & Overlay	4.31
4	A40035	040880	STPF-0072(76)	Hwy. 170 - Hwy. 71B (S)	Washington	71/16	2" Mill & Overlay/Inlay	8.15
4	A40036	040881	STPR-0072(77)	Crawford Co. Line - Hwy. 74 (S)	Washington	71/16	Mill & Overlay	6.97
4	A40037	040884	STPF-0017(54)	I-40 - Hwy. 282 (S)	Crawford	71/15	UTBWC (LM 0-1.18); 2" Overlay (LM 1.18-4.18)	4.18
4	A50026	050438	NHPP-0025(26)	Hwy. 342 - Sharp Co. Line (S)	Independence	63/1	Level & Thin Overlay	11.92
5	A50027	050440	STPSC-9026(10)	Hwy. 167 - Hwy. 394 (Batesville) (S)	Independence	69/3	UTBWC	2.99
5	A50028	050441	NHPP-0032(42)	Hwy. 25 - Hwy. 394 (Batesville) (S)	Independence	167/18	Level & UTBWC; Rumble Strips	1.99
5	A50029	050444	HSIP-STPR-0033(31)	Hwy. 69 - Hwy. 56 (S)	Izard	9/13	2" Mill & 2" Overlay	36.88
5	A50031	050458	STPR-0069(24)	Hwy. 9 - Independence Co. Line (S)	Stone	14/7	Level & UTBWC' 2' Shoulders (LM 5.85-22.18)	22.18
5	A50032	050461	STPR-0073(93)	Hwy. 67 - Hwy. 5 (Sel. Secs.) (S)	White	31/4	Spot Level & UTBWC w/ Spot Patching (LM 3.859-4.233); Spot Level & UTBWC (LM 13.0-19.92)	7.89
5	A50033	050465	STPF-0073(94)	Hwy. 67B - Hwy. 13 (S)	White	367/15	Mill & Overlay; Rumble Strips	6.04
6	A60034	061652	HSIP-STPR-0026(49)	Sunshine - Hwy. 270 (S)	Garland	227/0	1" Leveling & UTBWC; 2' Shoulders	4.53
6	A60035	061657	STPR-0030(30)	Francois Rd. - Saline Co. Line (S)	Hot Spring	67/8	Rut Mill & Thin Overlay (LM 5.8-9.613); Rut Mill & 2" Overlay (LM 9.613-11.129); Rumble Stripes	5.33
6	A60036	061660	STPR-0043(54)	Hwy. 70 - Hwy. 236 (S)	Lonoke	15/11 89/1	Mill & Overlay	7.74
6	A60037	061665	STPR-0043(55)	Hwy. 70 - Hwy. 232 (S)	Lonoke	381/1	Patching, leveling & 2" Overlay	12.28
6	A60038	061666	HSIP-STPF-4360(5)	Cabot - Hwy. 107 (S)	Lonoke & Pulaski	89/1 & 2	Mill & Overlay (Sec. 1); Rut Mill & 2" Overlay, Add 2' Shoulders (Sec. 2)	6.13
6	A60039	061667	STPR-0059(21)	Monroe Co. Line - Hwy. 302 (S)	Prairie	33/5	Rut Mill & 2" Overlay; Add 2' Shoulders	5.45

District	New Job Number	Previous Job Number	FAP	Job Name	County	Route/Section	Scope	Length of Job (mi.)
6	A60040	061668	NHPP-0059(22)	Arkansas Co. Line - Monroe Co. Line (S)	Prairie	79/12	Mill & Overlay	4.38
6	A60041	061672	NHPP-9315(65)	I-40 - McCain Blvd. (NLR) (Sel. Secs.) (S)	Pulaski	107/1	Mill & Inlay	0.86
6	A60042	061678	STPF-0062(61)	Hwy. 35 - Hwy. 5 (S)	Saline	183/1	Rut Mill & 2" Overlay (LM 0-6.37); Mill & Inlay (LM 6.37-8.83)	8.83
6	A60044	061819	STPR-0059(23)	Hwy. 38 - White Co. Line (S)	Prairie	11/10	Mill & Overlay (LM 0-1.159); Spot Level & Overlay (LM 1.159-11.339)	11.34
6	A60046	N/A	STPSC-9210(50)	Hwy. 70B - Hwy. 7 (Hot Springs) (S)	Garland	7/9S	2" Overlay	1.54
7	A70026	070529	STPR-1020(2)	Sparkman - Hwy. 51 (S)	Clark & Dallas	7/6 & 5	Spot Level & Overlay; Add 2' Shoulders	20.74
7	A70027	070548	STPR-0020(30)	Hwy. 9 - Fordyce (S)	Dallas	273/1	1" Level Up & Overlay with Patching	15.25
7	A70029	070556	NHPP-0070(54)	Columbia Co. Line - Airport Dr. (S)	Union	82/5	1" Level Up & Overlay with Joint Tape	10.75
7	A70030	070558	NHPP-0070(49)	Strong - Ouachita River (Sel. Secs.) (S)	Union	82/7	1" Level Up & UTBWC; Spot Leveling; Shoulder Patching; Rumble Strips	8.39
7	070537	N/A	HSIP-0013(23)	Hwy. 35 - Hwy. 63 (S)	Cleveland	114/0	Spot Leveling, Patching & 1.5" Overlay; Add 2' Shoulders	8.4
8	A80028	080640	STPLC-9095(48)	Hwys. 60, 64 & 65B Impvts. (Sel. Secs.) (Conway) (S)	Faulkner	60/0 64/8 65/9B	Mill & Inlay (Hwy. 60); Mill & Inlay/Overlay (Hwy. 64 & 65B); Rumble Stripes	9.43
8	A80030	080680	STPSC-9379(33)	Lake Dardanelle State Park - Hwy. 7 (Russellville) (S)	Pope	326/1	Resurfacing; Shoulder Widening (where applicable)	5.11
8	A80031	080698	STPF-1553(6)	Hwys. 9 & 64 Impvts. (Sel. Secs.) (S)	Conway & Perry	9/6, 7, & 8 64/7	2" Mill & 2" Overlay	36.88
8	A80032	080708	NHPP-0058(65)	Hwys. 247, 331 & 363 Impvts. (Pottsville & Russellville) (S)	Pope	247/0 331/1 363/1	UTBWC (Hwy. 247); Mill & Inlay (Hwy. 331); 2" Mill & Overlay (Hwy. 363)	9.19
8	A80034	040911	STPR-0042(21)	Hwy. 23 - Carbon City (S)	Logan	22/3	2" Mill & Overlay	3.3
9	A90024	090592	HSIP-STPR-0004(93)	Hwys. 16 & 59 (Sel. Secs.) (S)	Benton	16/1 59/2	2" Overlay (Hwy. 59 & Hwy. 412 Ramps); 2" Overlay & 2' Shoulders (Hwy. 16); Rumble Strips/Stripes	12.92
9	A90025	090608	NHPP-0005(55)	Hwy. 65B - Maxie Camp Rd. (S)	Boone	62/2	UTBWC	4.26
9	A90026	090612	STPR-0008(51)	Hwy. 62 - Missouri State Line (S)	Carroll	143/1	2" Overlay; Leveling & Minor Patching; 2' Shoulders (LM 0.00-2.30)	10.08
9	A90027	090615	NHPP-0045(44)	W. of Hwy. 202 - E. of Hwy. 14 (Yellville) (S)	Marion	62/8 & 9	2" Overlay	2.45
9	A90028	090617	STPR-0051(29)	Johnson Co. Line - North (S)	Newton	21/2	UTBWC	11.8

District	New Job Number	Previous Job Number	FAP	Job Name	County	Route/Section	Scope	Length of Job (mi.)
9	A90029	090619	STPR-0064(18)	Van Buren Co. Line - Hwy. 65 (S)	Searcy	27/16	UTBWC; Leveling & Patching	23.4
9	090602	N/A	HSIP-0005(58)	Harrison - Lead Hill (S)	Boone	7/20	Mill & Overlay (LM 3.76-9.15); 2" Overlay, Leveling & Patching (LM 9.15-19.15); 2' Shoulders	15.4
10	A00058	101069	STPR-0016(96)	Monette - Missouri State Line (S)	Craighead	139/1	Leveling & Thin Overlay	6.92
10	A00059	101074	HSIP-STPR-0016(92)	Co. Rd. 150 - W. of Co. Rd. 132 (S)	Craighead	91/2	Leveling & Thin Overlay; 2' Shoulders	4.67
10	A00061	101081	NHPP-1656(6)	Hwy. 226 - Hwy. 14 (Sel. Secs.) (S)	Craighead & Poinsett	49/4 & 5	Leveling & 2" Overlay; Rumble Strips	14.31
10	A00062	101086	NHPP-0028(68)	Hwy. 49 - Hwy. 412B (S)	Greene	412/9	UTBWC (LM 0-2.68); UTBWC w/ Leveling (LM 2.68-5.32)	5.32
10	A00063	101094	STPR-0047(92)	Hwys. 77 & 140 Impvts. (Mississippi Co.) (S)	Mississippi	77/2 140/2	Level Up & 2" Overlay, 2' Shoulders (Hwy. 77); 1" Level Up & Overlay (Hwy. 140)	5.92
10	A00065	101104	STPR-0056(65)	Hwy. 163 - I-555 (S)	Poinsett	14/14	Leveling & Thin Overlay	13.4
10	A00066	101105	STPF-0056(62)	Hwy. 214 - Cross Co. Line (S)	Poinsett	49/5	Leveling & Thin Overlay; Rumble Stripes	3.1
Inter-District	AX0005	012363	STPR-1323(3)	Big Creek - Hwy. 425 (Sel. Secs.) (S)	Cleveland & Drew	35/5, 6, & 7	Spot Level & 2" Overlay; Add 2' Shoulders (Sec. 5)	17.58
Inter-District	AX0006	012473	STPF-4472(1)	Hwy. 265 - Hwy. 412B (S)	Madison & Washington	45/5 & 6	2" Mill & 2" Overlay	16.36



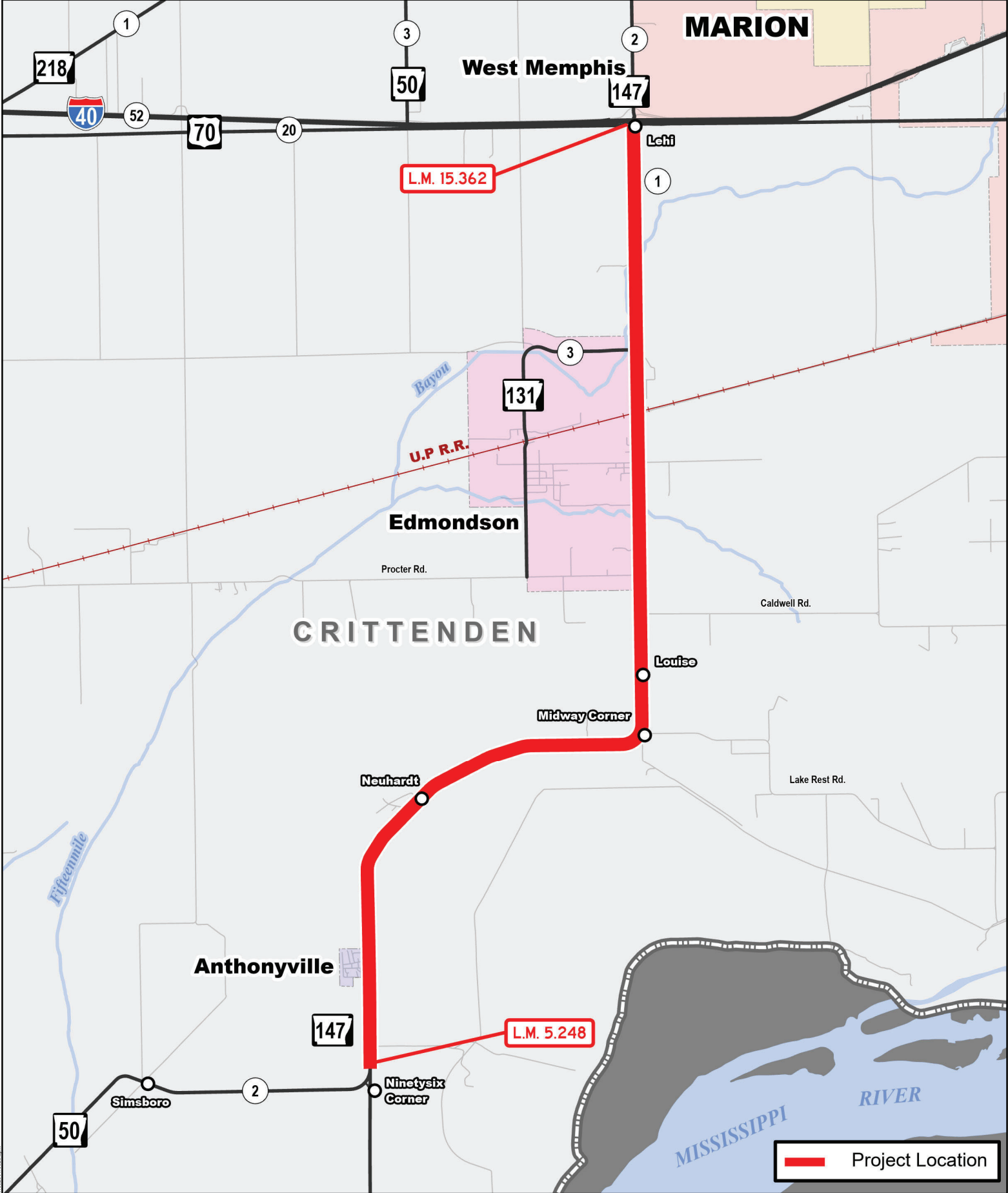
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I-555 – Hwy. 64 (S)

Hwy. 77, Sec. 5

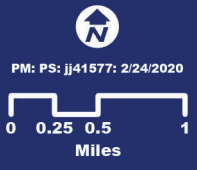
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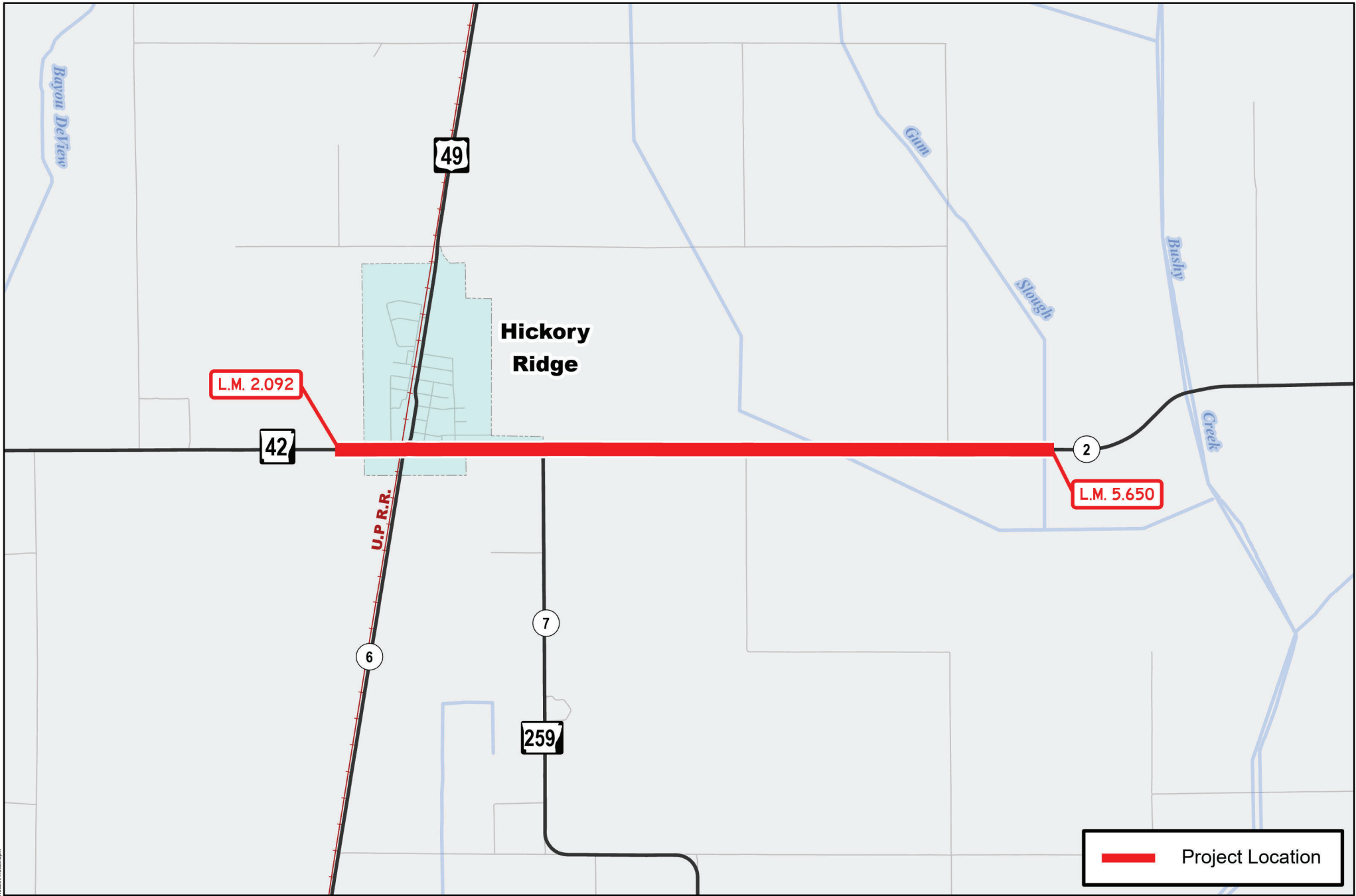


 Project Location

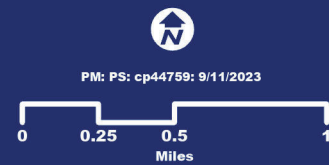
Job A10028
Hwy. 50 – Hwy. 70 (S)
 Hwy. 147, Sec. 1
 Crittenden County



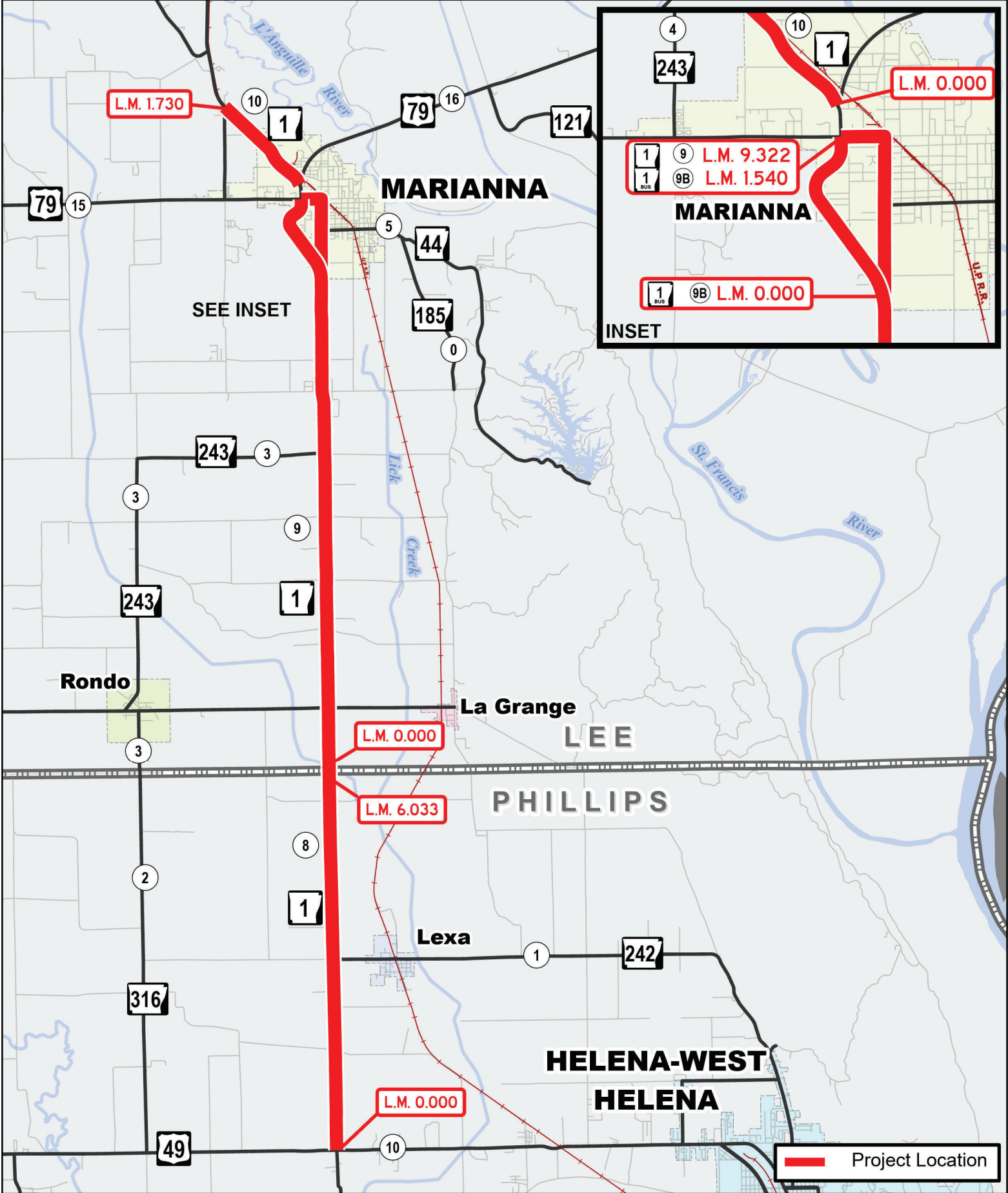
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Job A10029
Hickory Ridge – Gum Slough (S)
Hwy. 42, Sec. 2
Cross County



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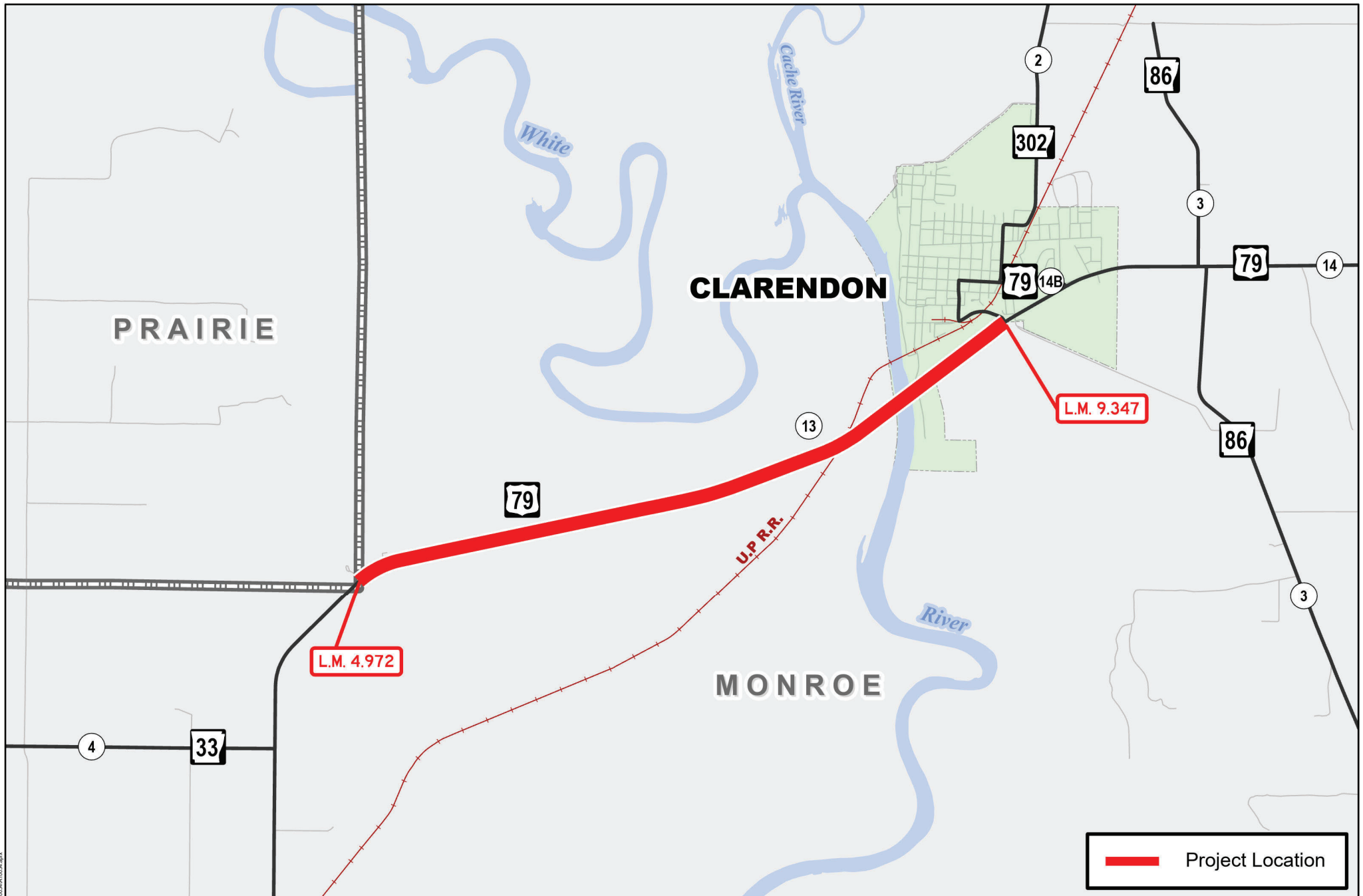
Job A10031
Hwy. 49 – Hwy. 243 (Sel. Secs) (S)
 Hwy. 1, Secs. 8, 9, 9B & 10
 Lee & Phillips Counties

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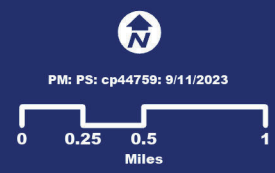
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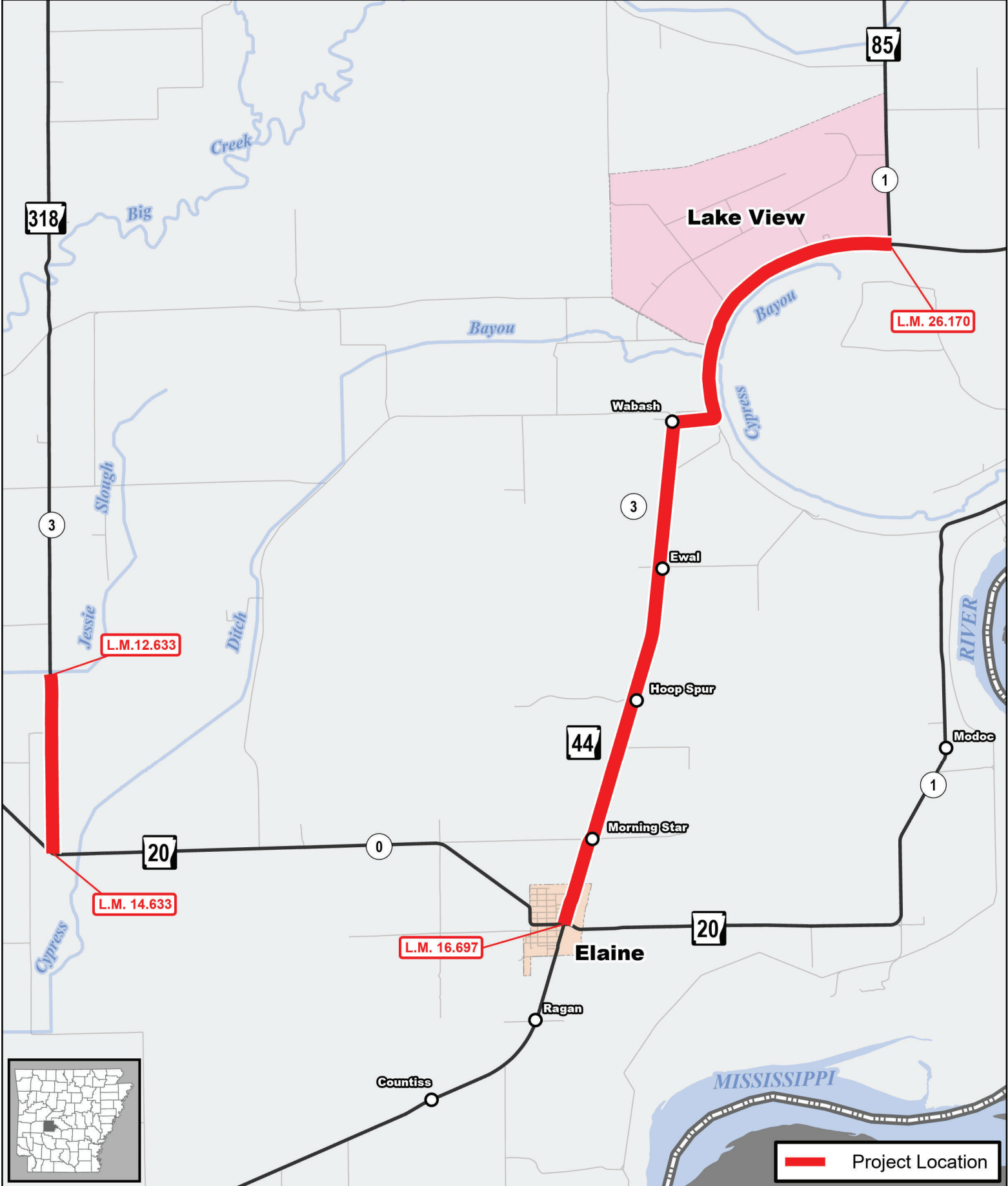


Job A10034
Prairie Co. Line – Hwy. 79B (S)
Hwy. 79, Sec. 13
Monroe County

 Project Location




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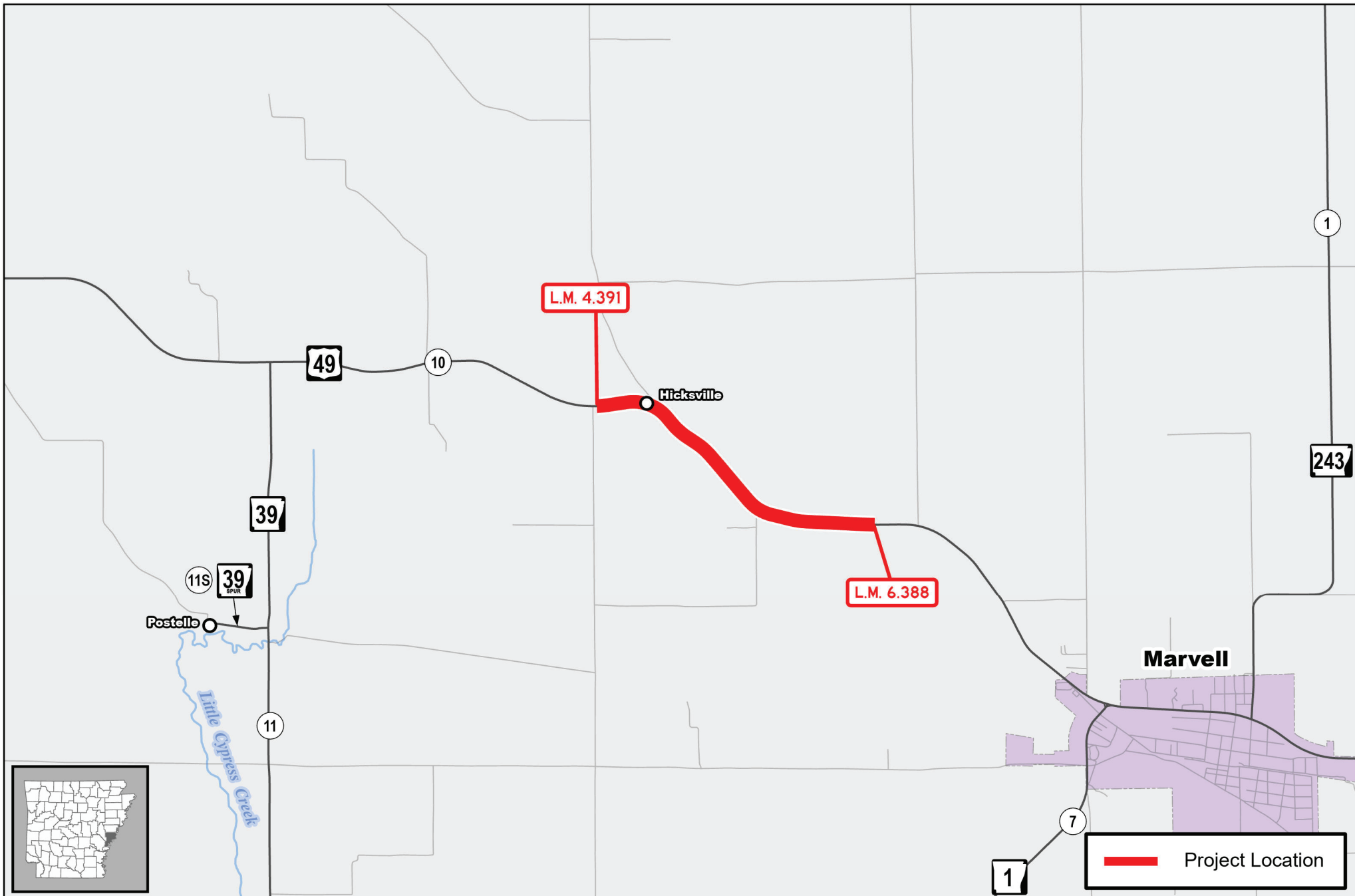
Job A10036

Hwys. 44 & 318 Impvts. (Phillips Co.) (S)

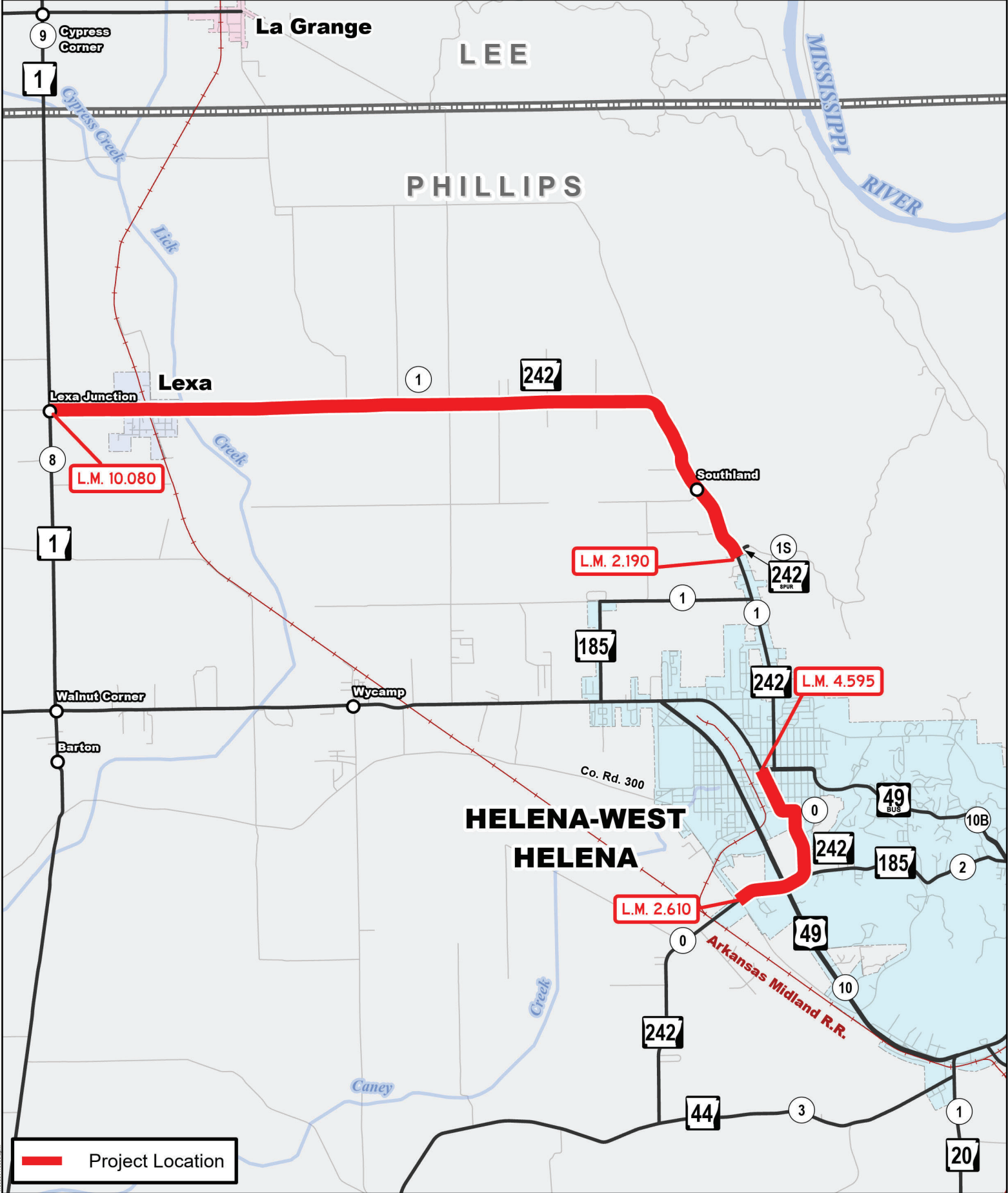
Hwy. 44, Sec. 3
 Hwy. 318, Sec. 3
 Phillips County

 Project Location





Job A10037
Hwy. 39 – Hwy. 1 (Sel. Sec.) (S)
 Hwy. 49, Sec. 10
 Phillips County



Job A10038

Co. Rd. 300 – Hwy. 1 (Sel. Secs.) (S)

Hwy. 242, Secs. 0 & 1

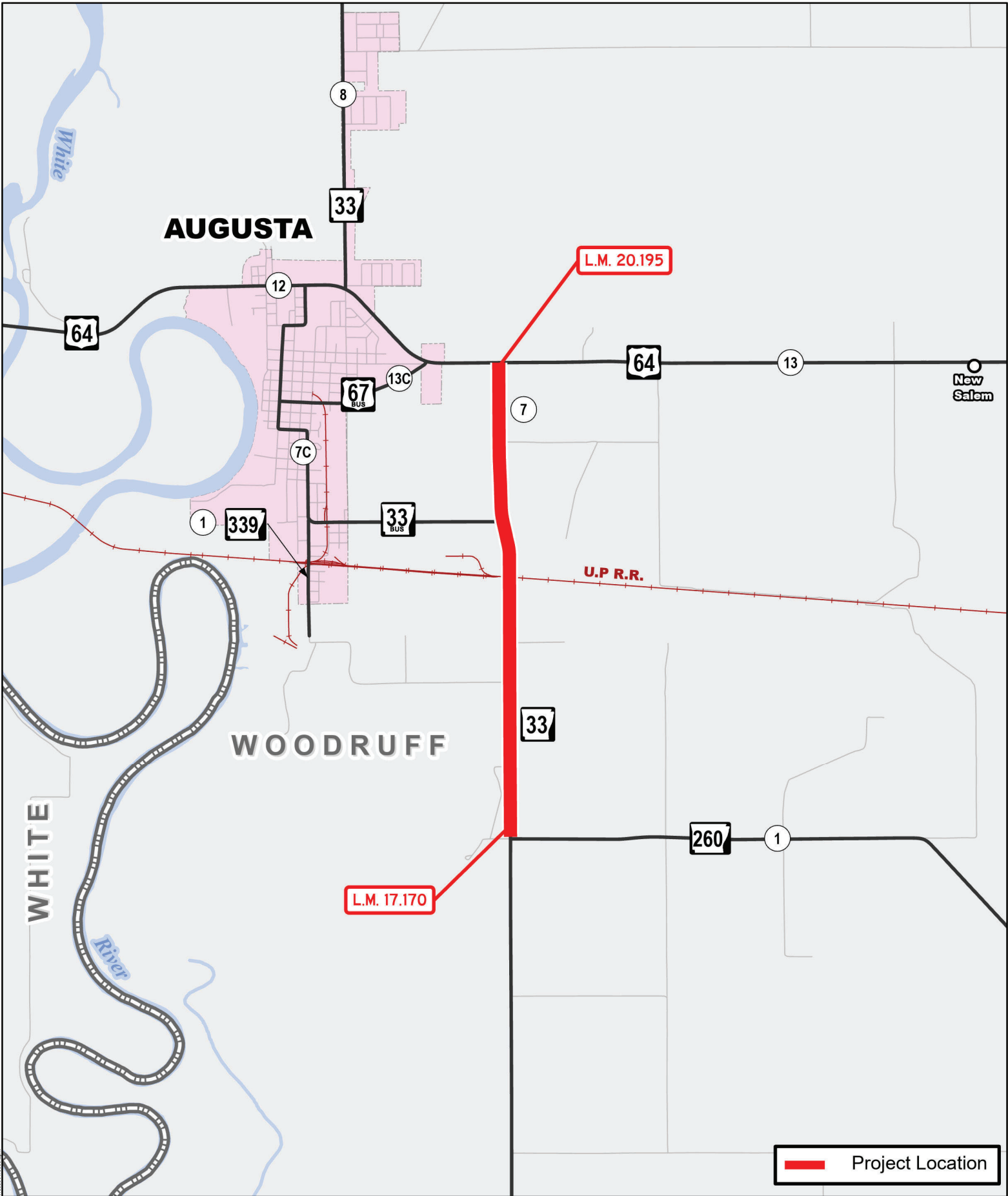
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Job A10039

Hwy. 260 – Hwy. 64 (S)

Hwy. 33, Sec. 7

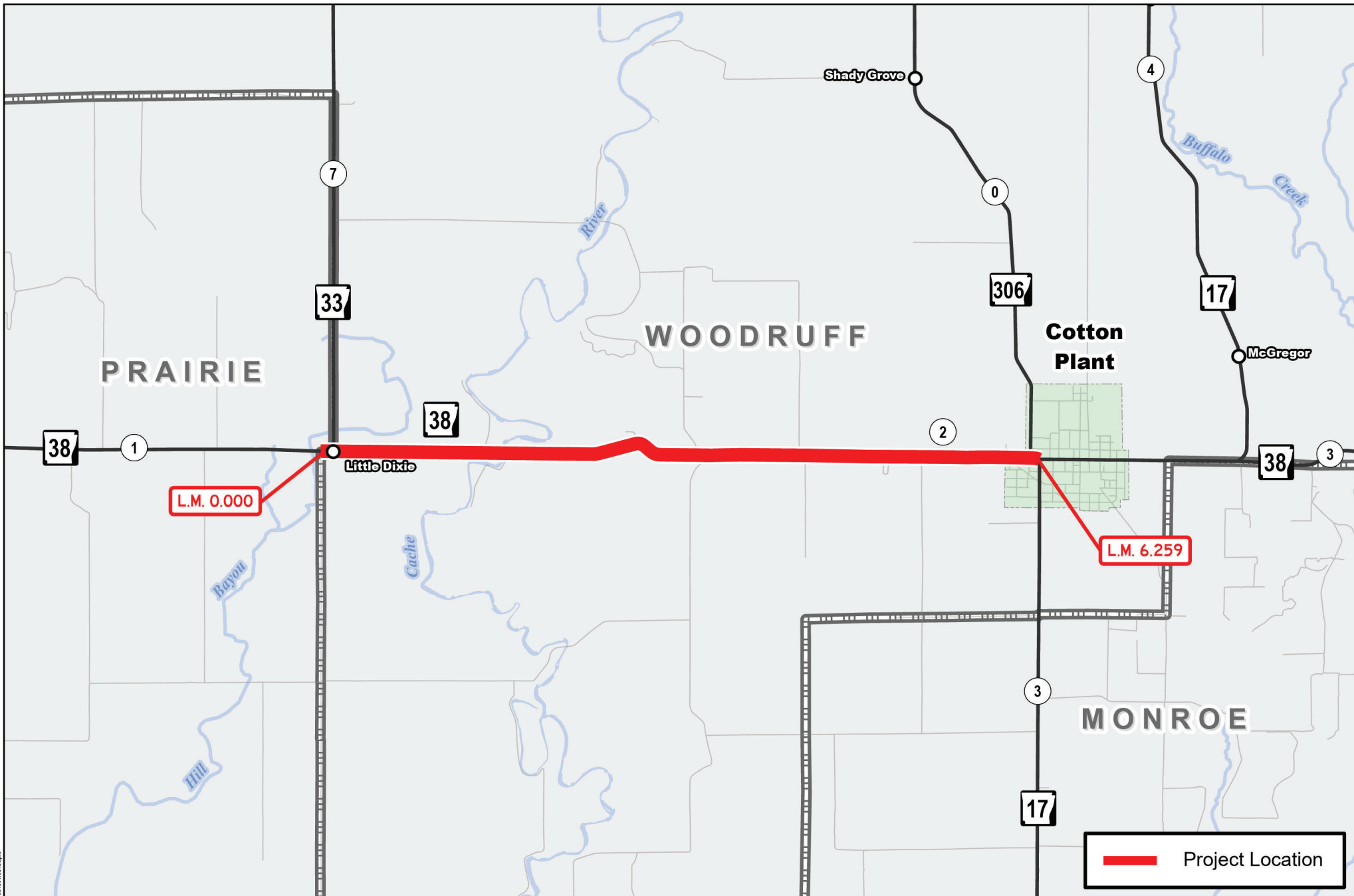
Woodruff County



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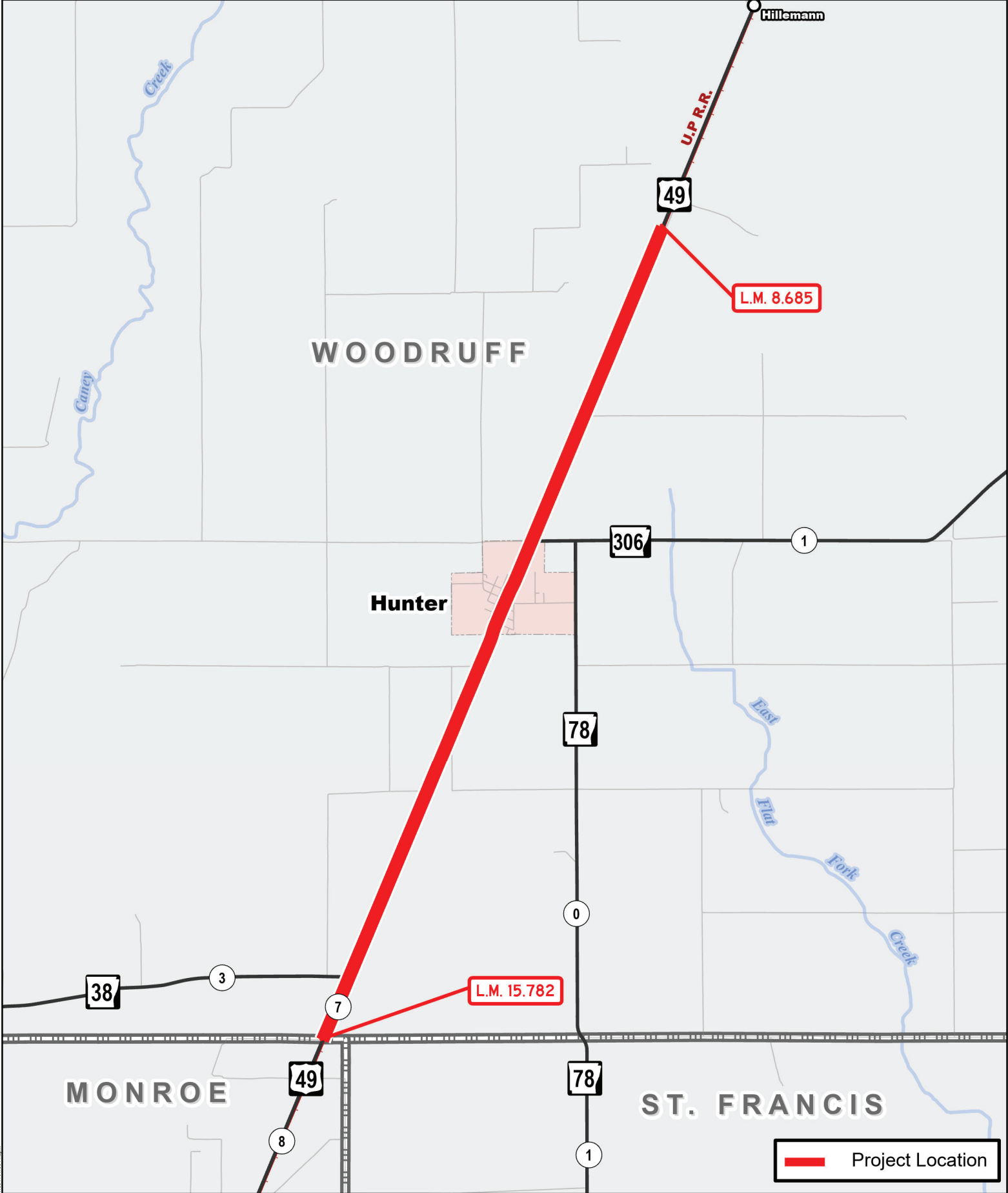
Job A10040
Prairie Co. Line – Hwy. 17 (S)
Hwy. 38, Sec. 2
Woodruff County



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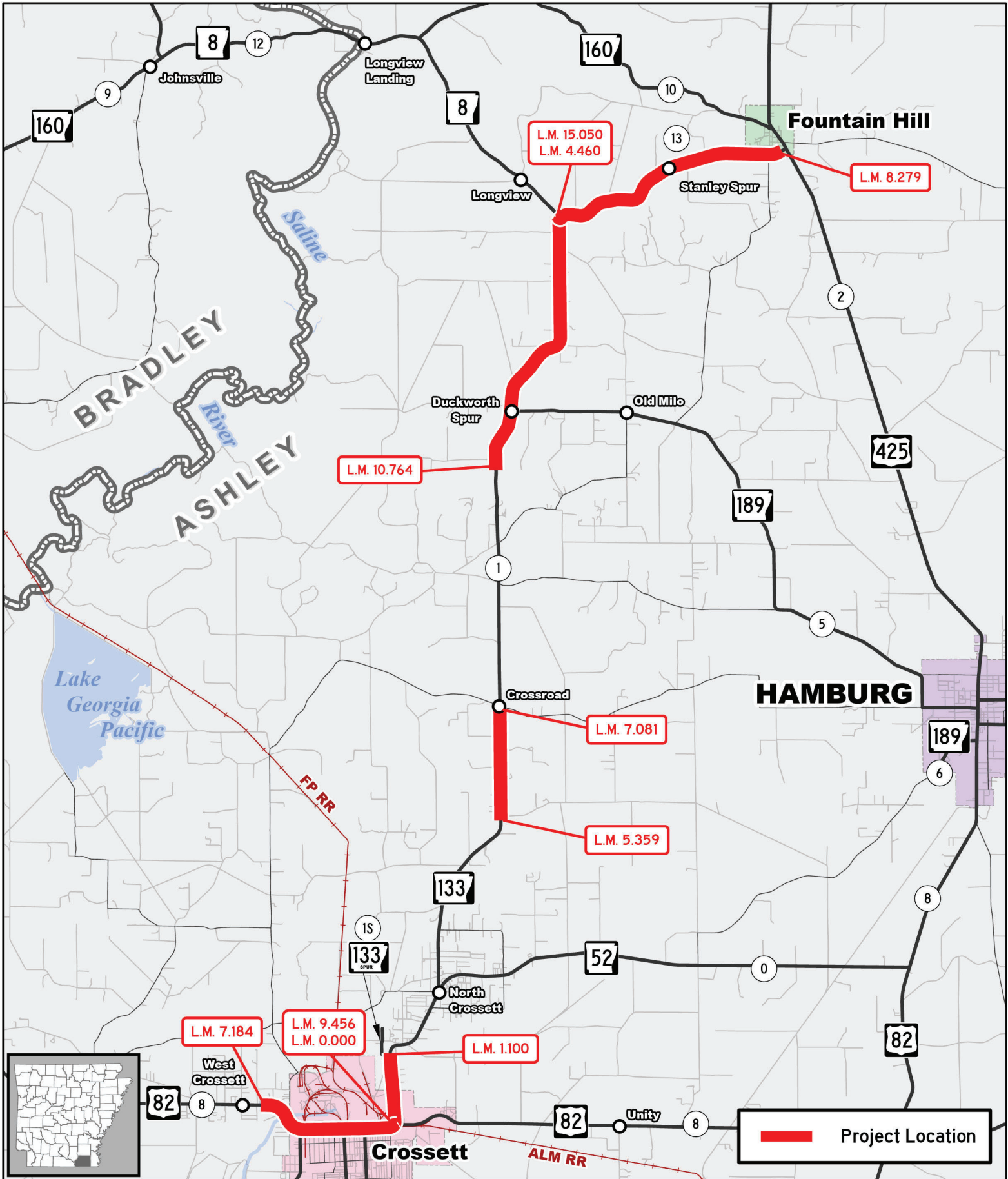
Job A10041
North of Hunter – Monroe Co. Line (S)
 Hwy. 49, Sec. 7
 Woodruff County



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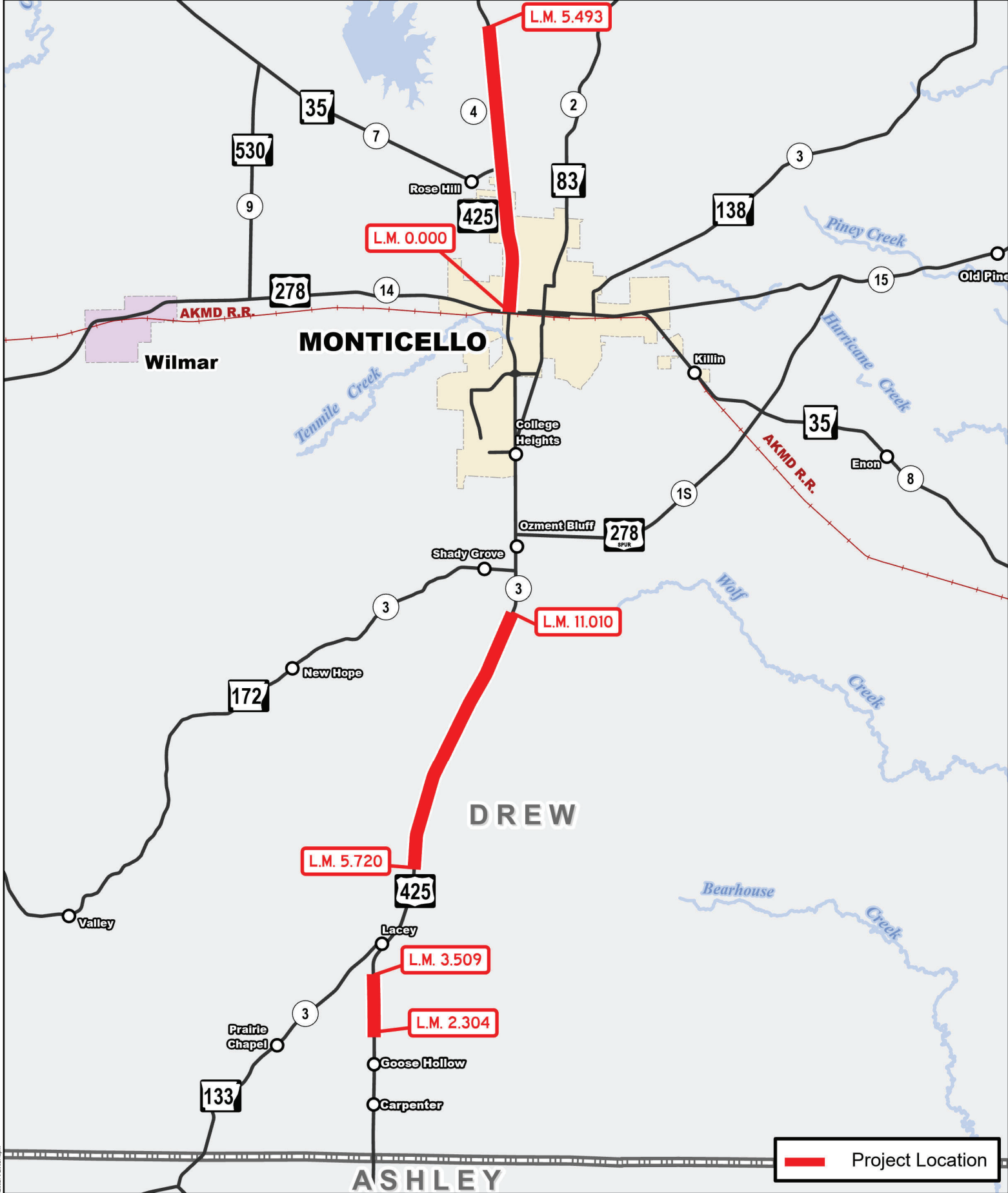


Job A20026

Crossett – Fountain Hill (Sel. Secs.) (S)

Hwy. 8, Sec. 13
 Hwy. 82, Sec. 8
 Hwy. 133, Sec. 1
 Ashley County





Job A20027

Ashley Co. Line – Monticello (Sel. Secs.) (S)
 Hwy. 425, Secs. 3 & 4
 Drew County



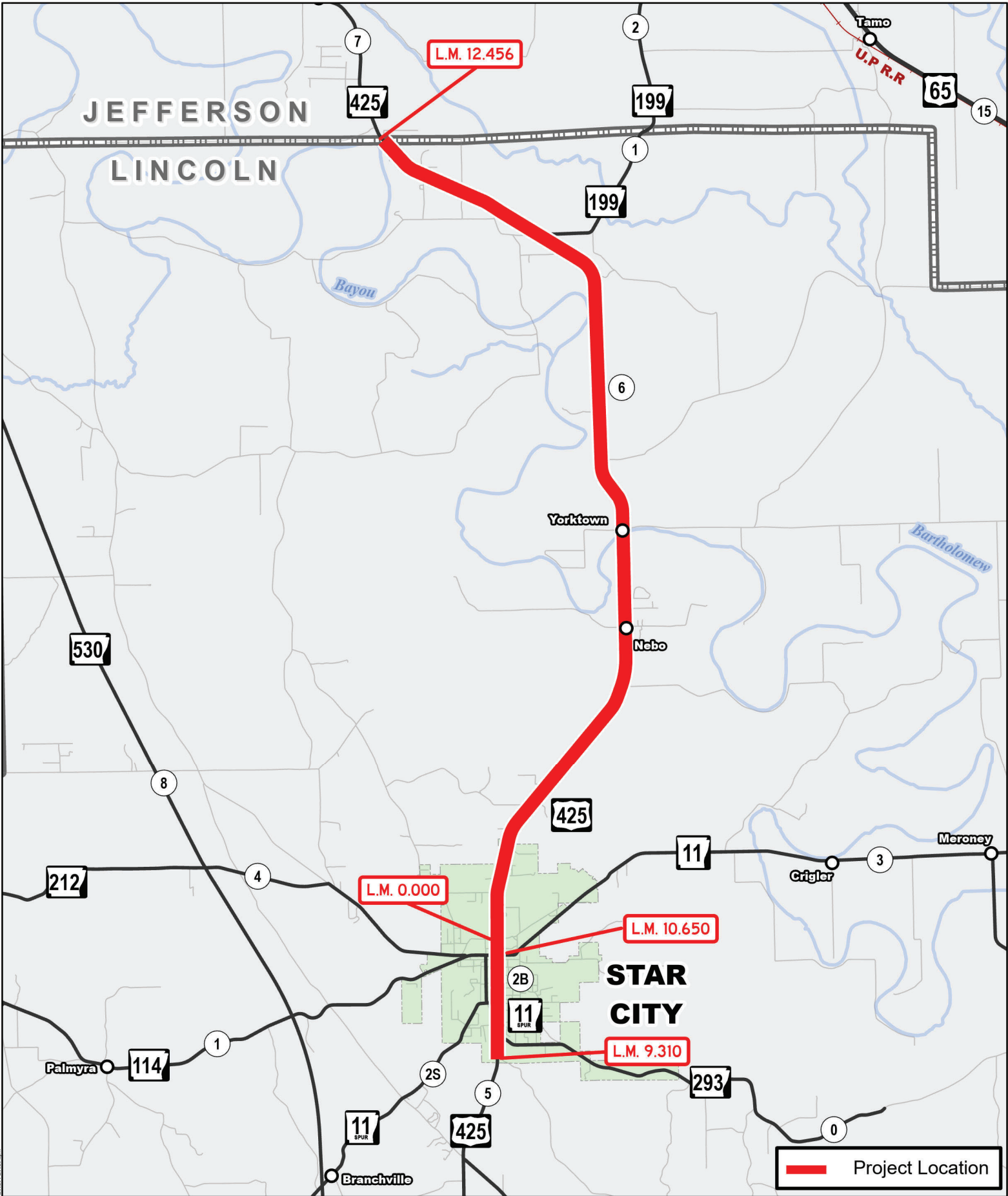
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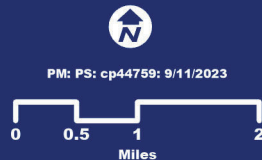
Project Location



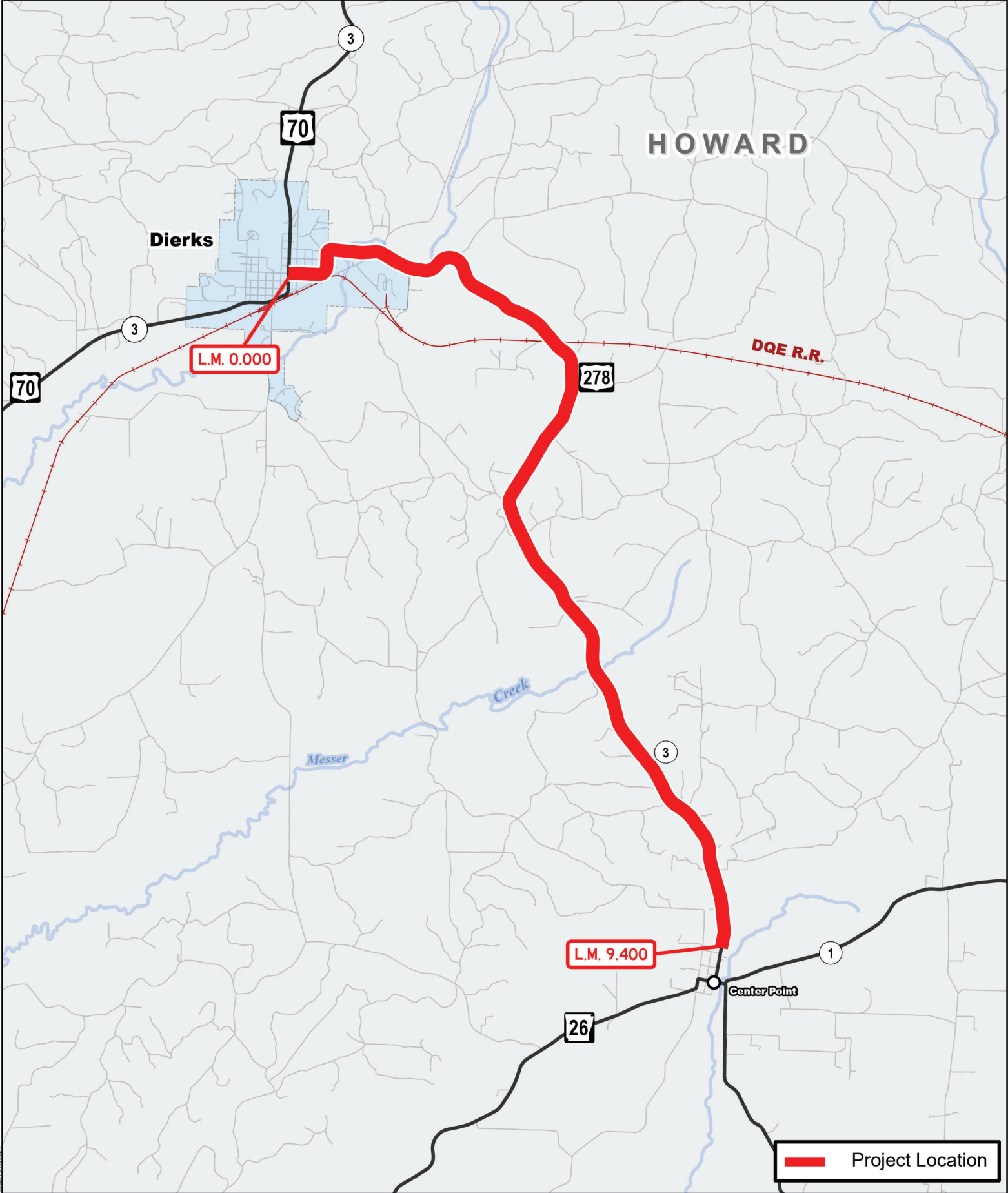
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Job A20029
Star City – Jefferson Co. Line (S)
 Hwy. 425, Secs. 5 & 6
 Lincoln County



Document Path: \\srs\proj\Programs\Contract\StarCity\2023\A20029_2023



Job A30028
Hwy. 70 – Center Point (S)
Hwy. 278, Sec. 3
Howard County



PM: PS: cp44759; 9/11/2023



 Project Location



Document File: hwy70\Program\Contract\Sheet\hwy70\30028_30028.dwg



Job A30029
Ashdown – Hwy. 317 (S)
Hwy. 32, Sec. 3
Little River County

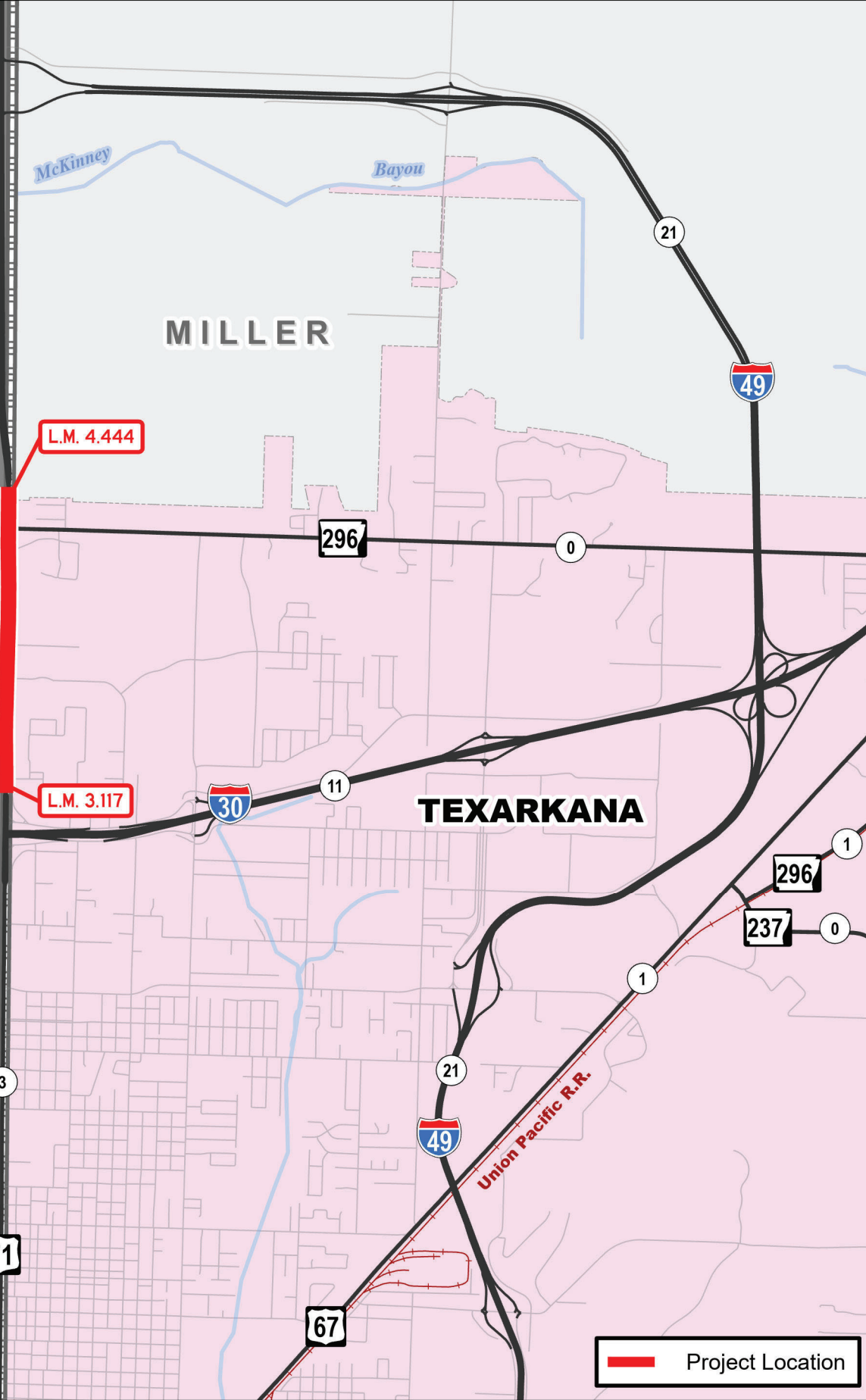


PM: PS: cp44759: 9/11/2023



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T E X A S



Job A30031

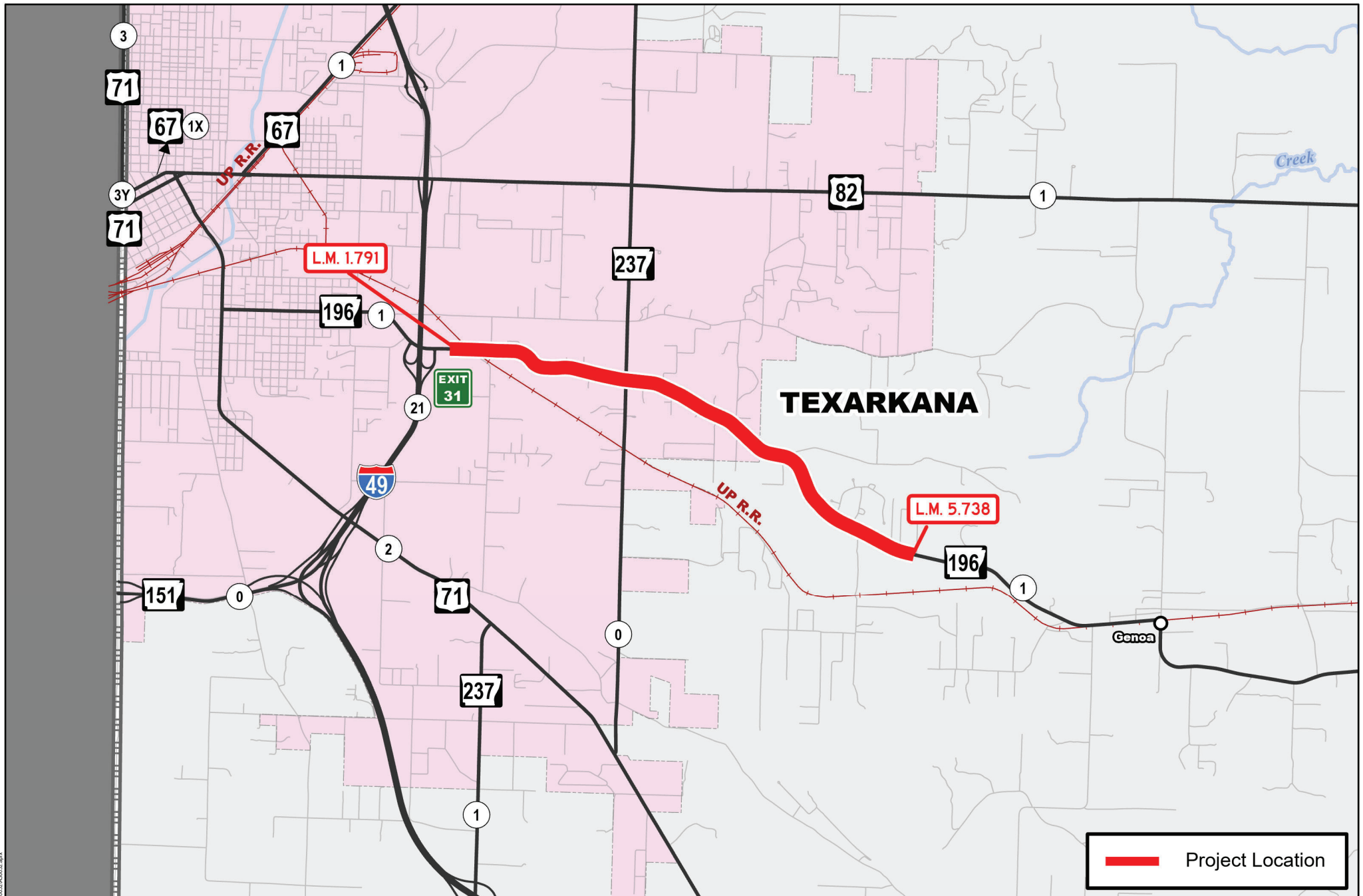
Hwy. 296 North & South (State Line Rd.) (Texarkana) (S)

Hwy. 71, Sec. 3

Miller County



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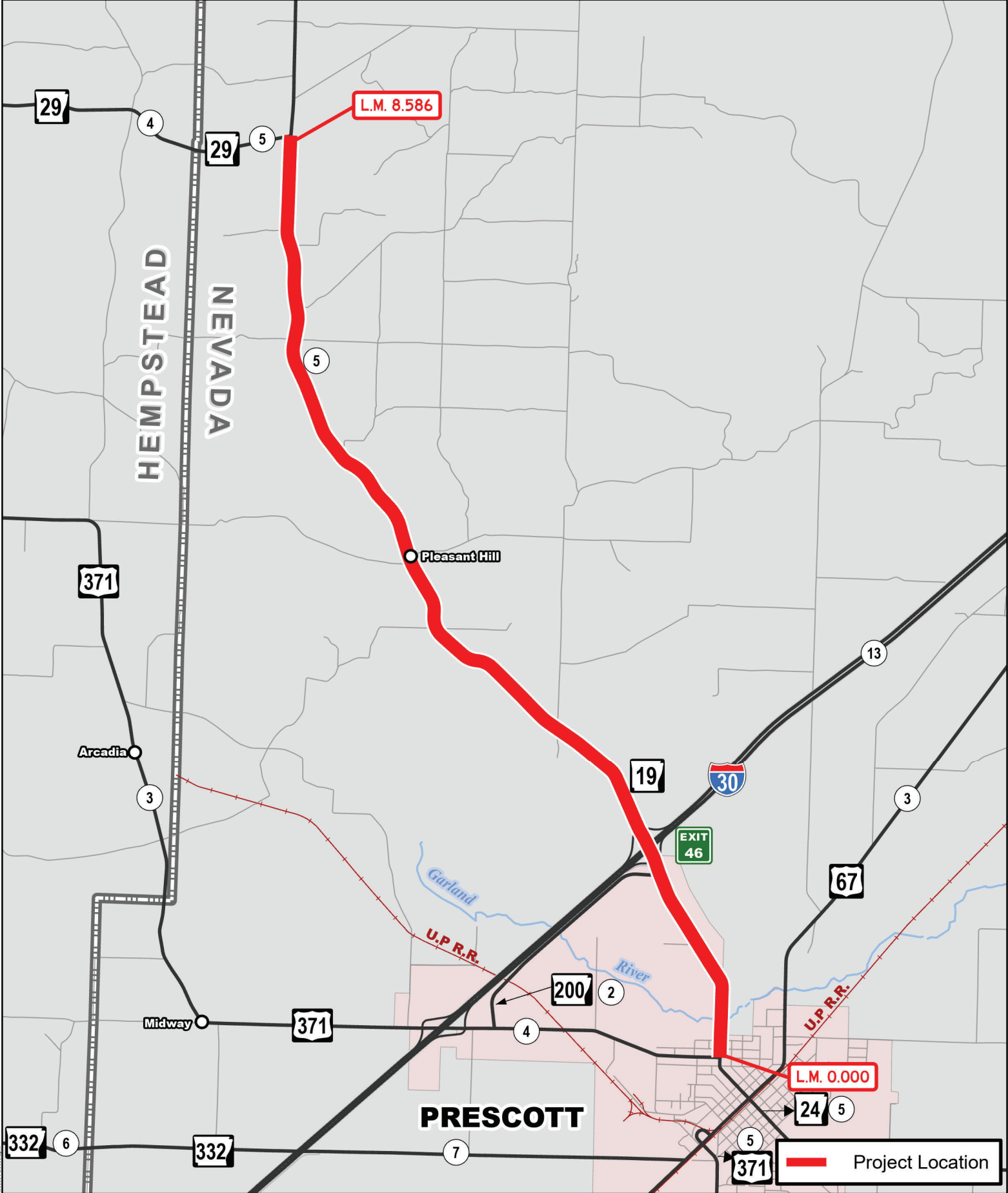
Job A30032
I-49 – East (S)
 Hwy. 196, Sec. 1
 Miller County



PM: PS: cp44759: 9/11/2023



Document Path: Item\196\Program\Contract\Sketches\A30032\A30032.spr



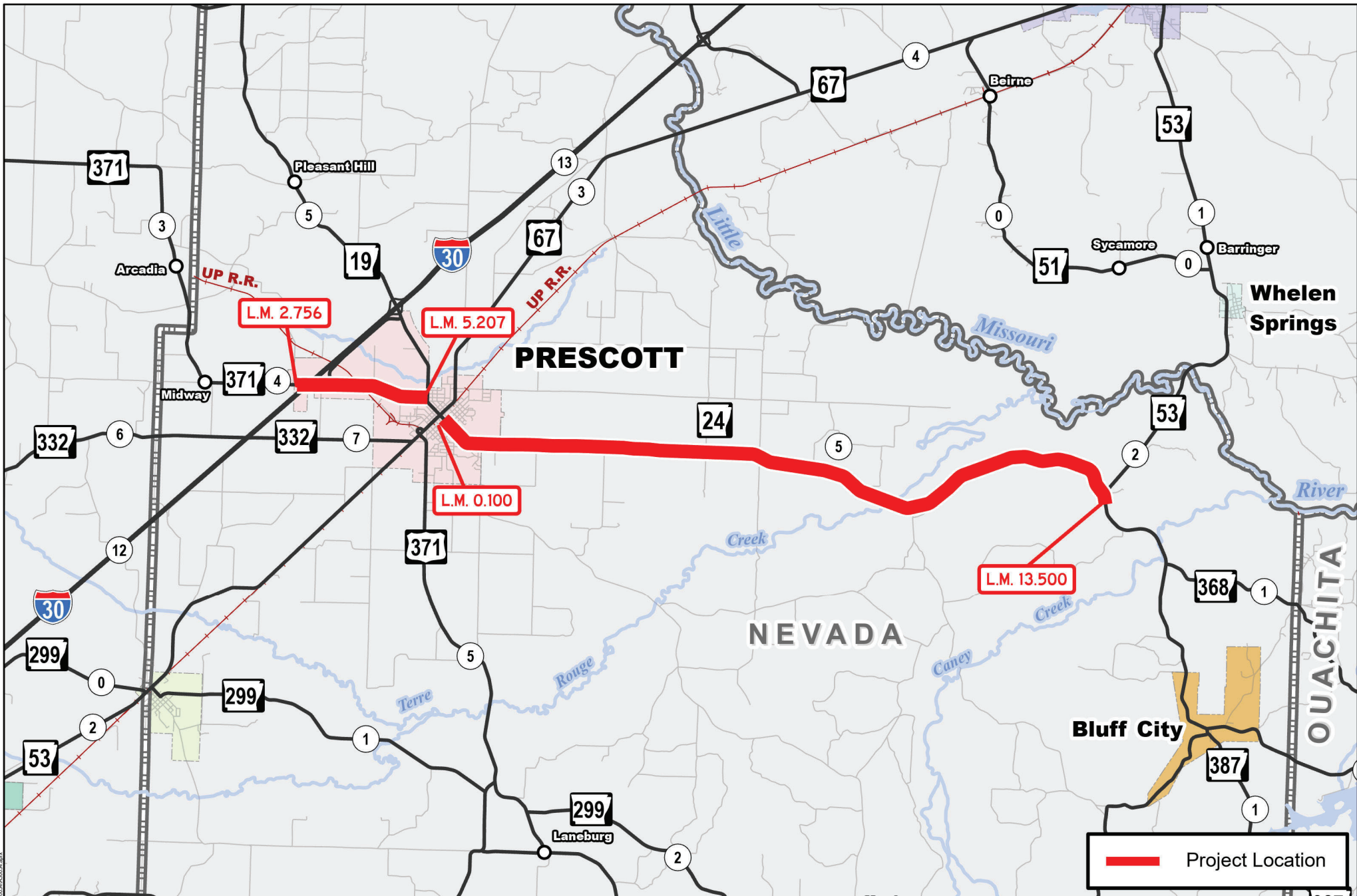
Job A30033
Hwy. 371 – Hwy. 29 (S)
 Hwy. 19, Sec. 5
 Nevada County



PM: PS: cp44759: 9/11/2023



Document File: h:\a30033\Programs\Contract\Sheet\A30033_000033.dwg



Job A30034
I-30 – East (Sel. Secs.) (S)
 Hwy. 24, Sec. 5
 Hwy. 371, Sec 4
 Nevada County

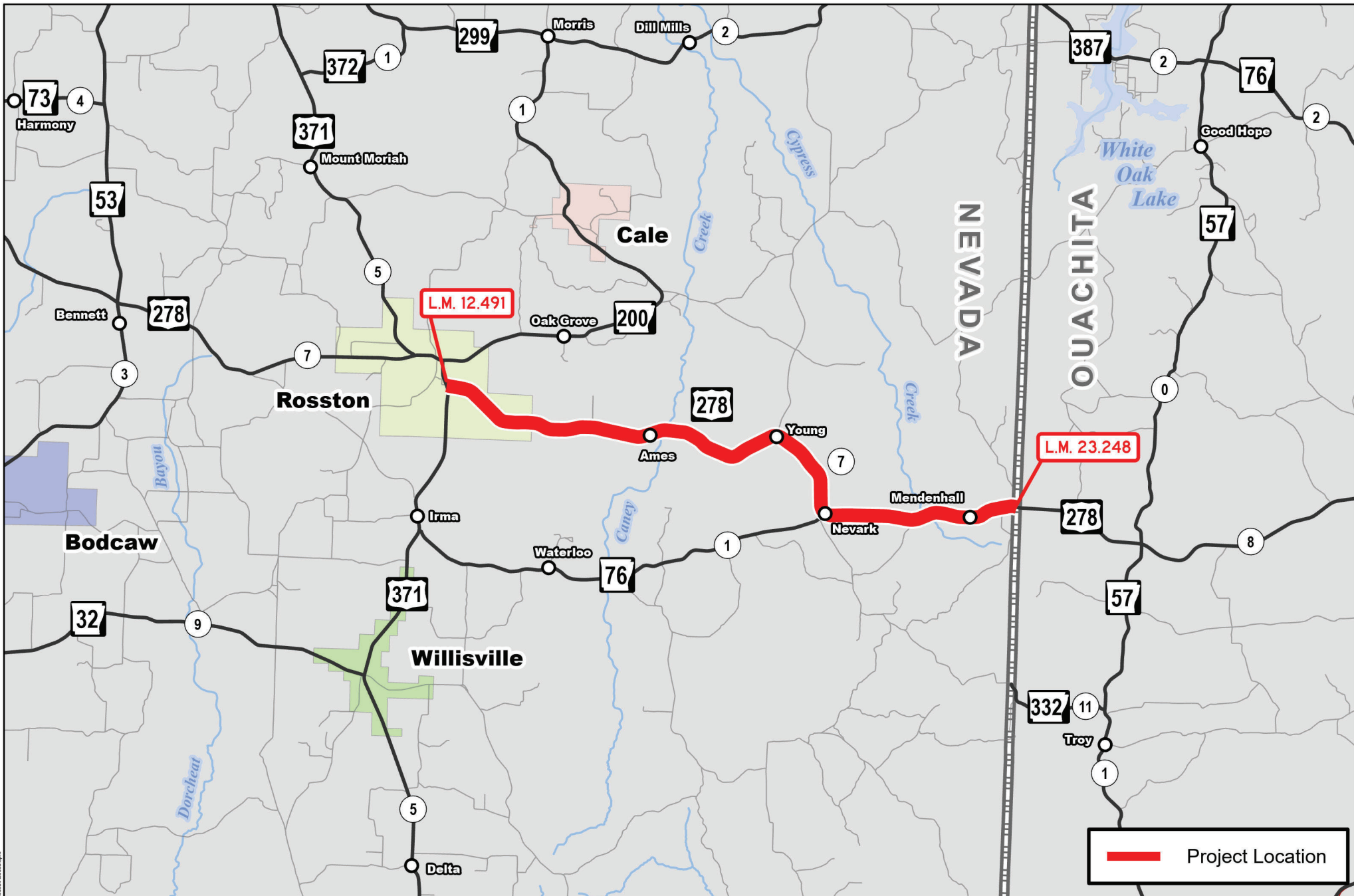
Project Location



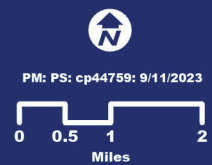
PM: PS: cp44759: 9/11/2023



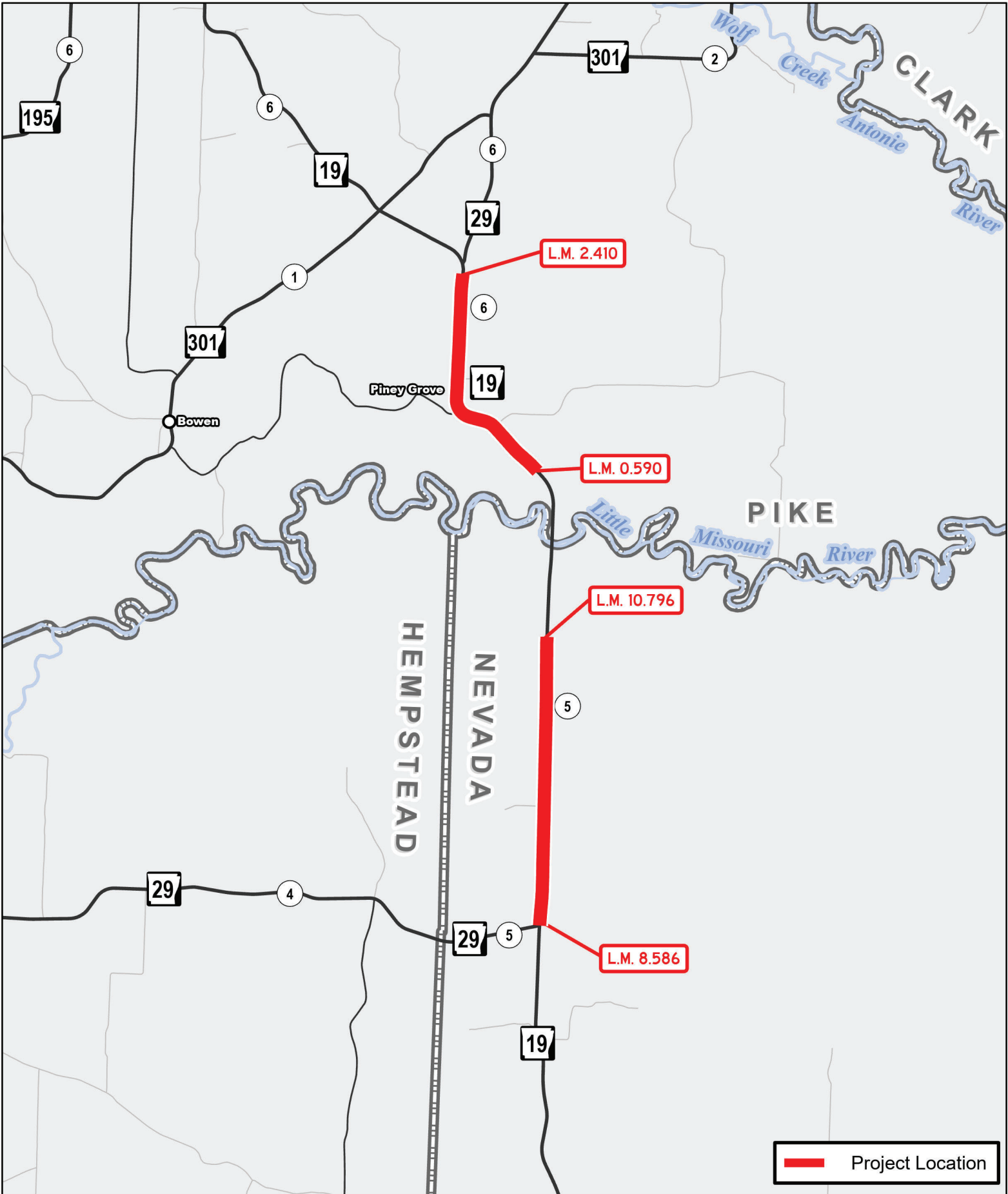
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Job A30035
Hwy. 371 – Ouachita Co. Line (S)
Hwy. 278, Sec. 7
Nevada County



Document Path: I:\proj\Program\Contract\Ark\A30035\A30035.dwg



Job A30036

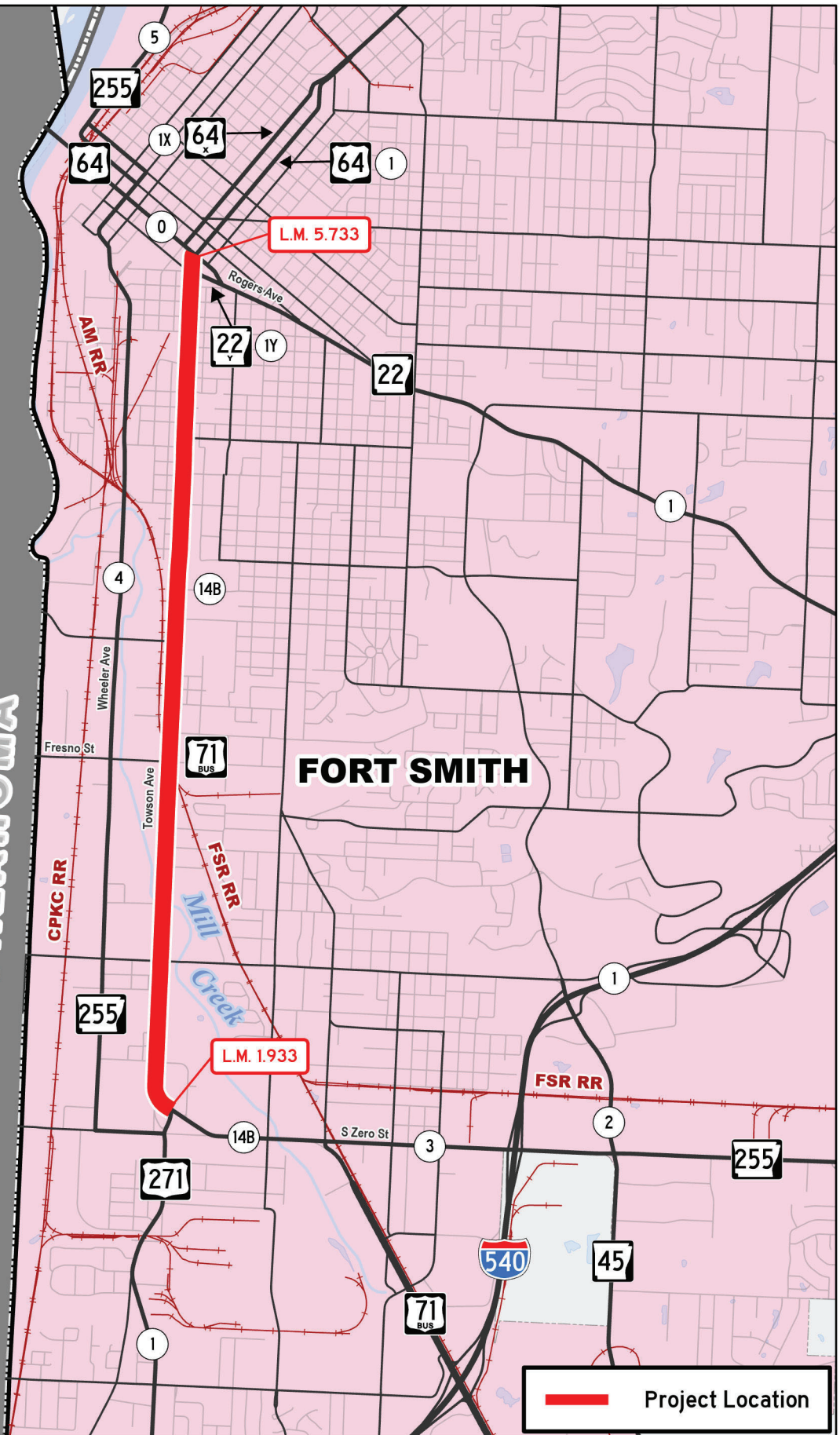
Hwy. 29 – North (Sel. Secs.) (S)

Hwy. 19, Secs. 5 & 6

Nevada & Pike Counties



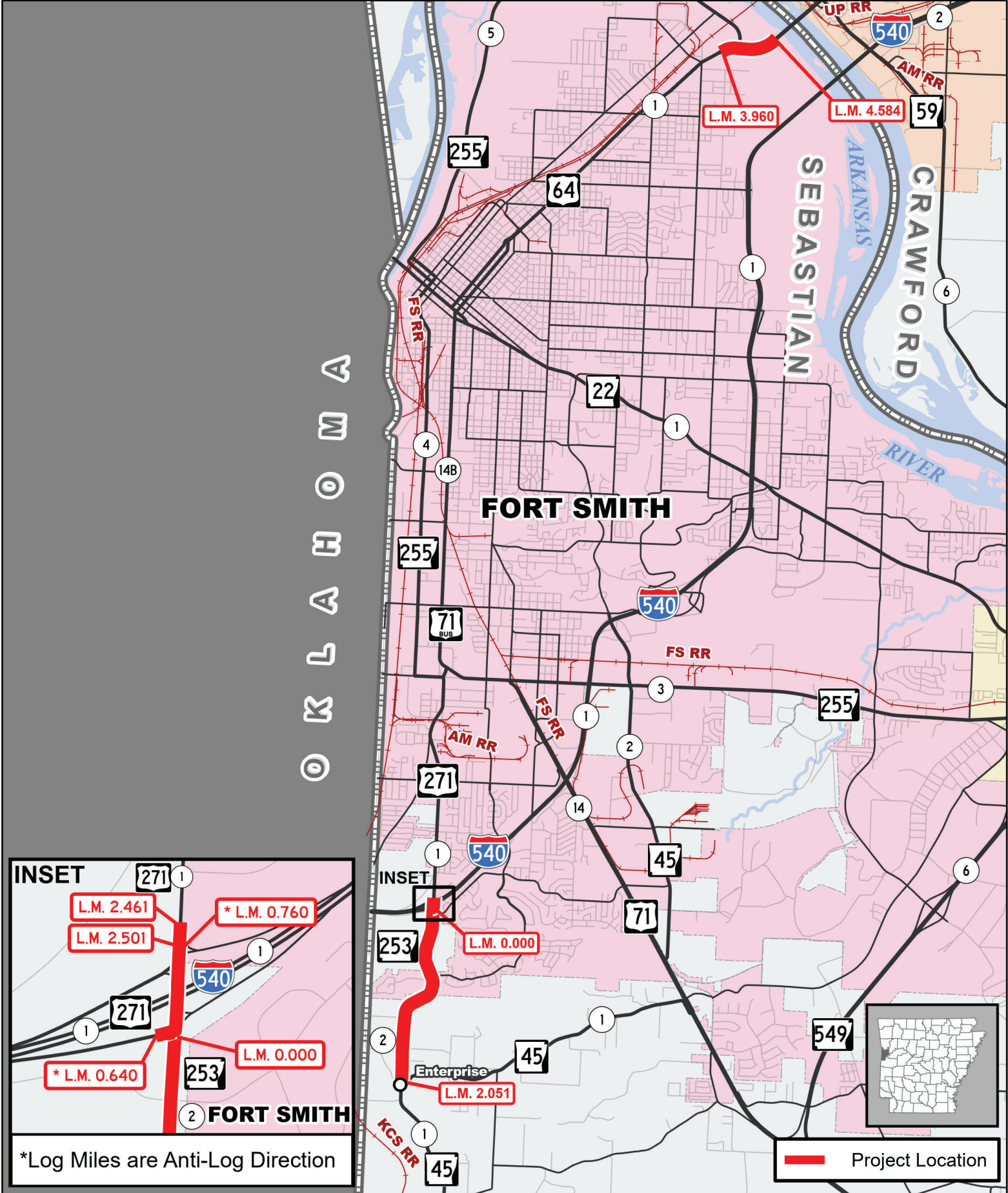
OKLAHOMA



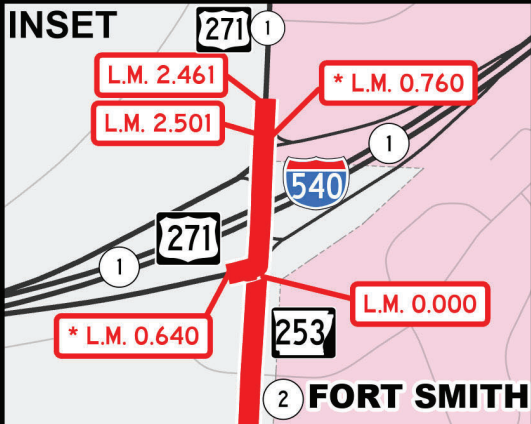
Job A40028
Hwy. 71B Preservation (Towson Ave.) (Fort Smith) (S)
 Hwy. 71, Sec. 14B
 Sebastian County

 Project Location





OKLAHOMA



*Log Miles are Anti-Log Direction

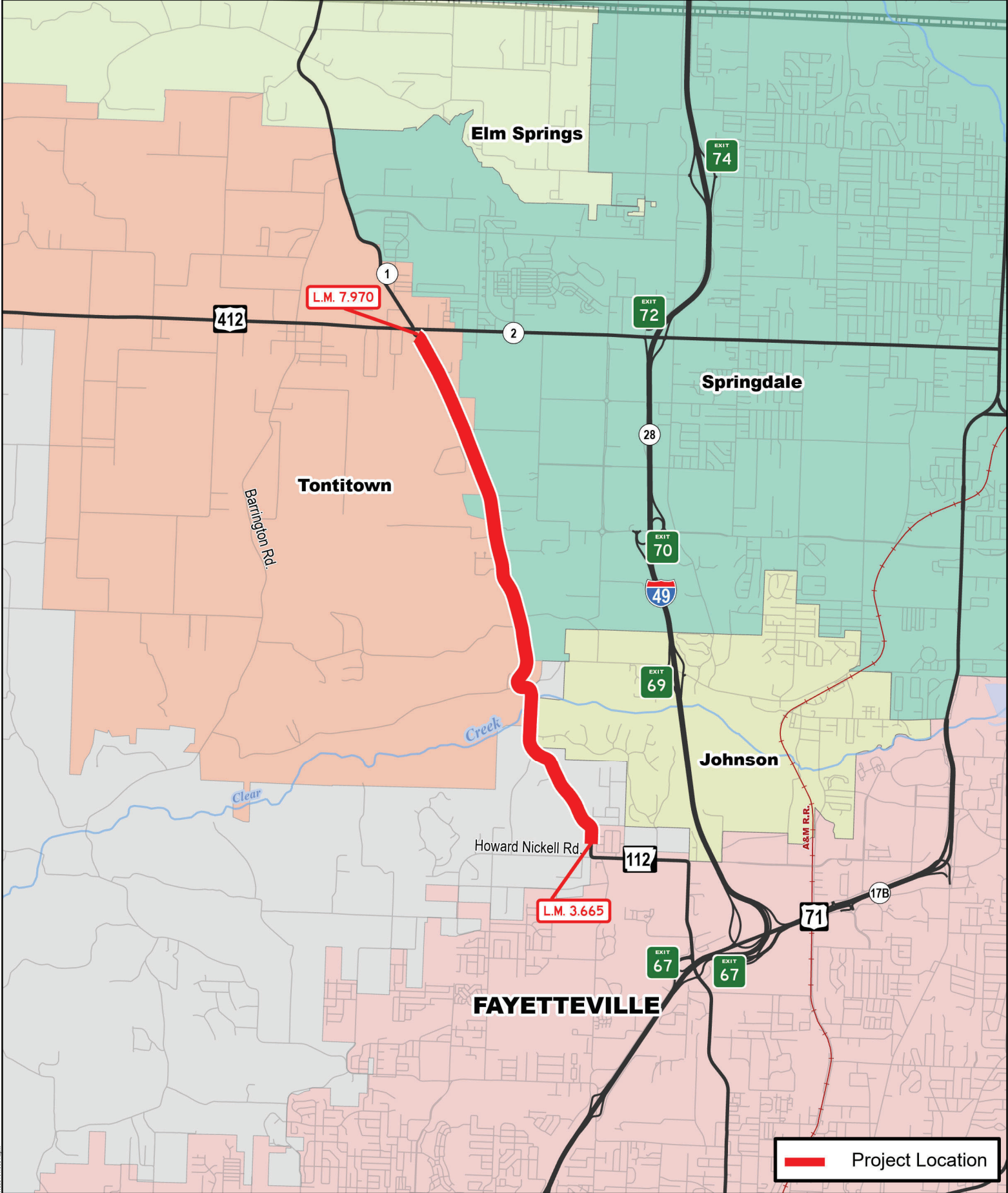
Project Location

Job A40030

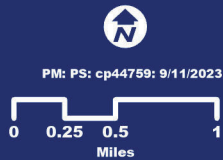
Hwys. 64, 253 & 271 Impvts. (Fort Smith) (S)

Hwy. 64, Sec. 1
 Hwy. 253, Sec. 2
 Hwy. 271, Sec. 1
 Sebastian County

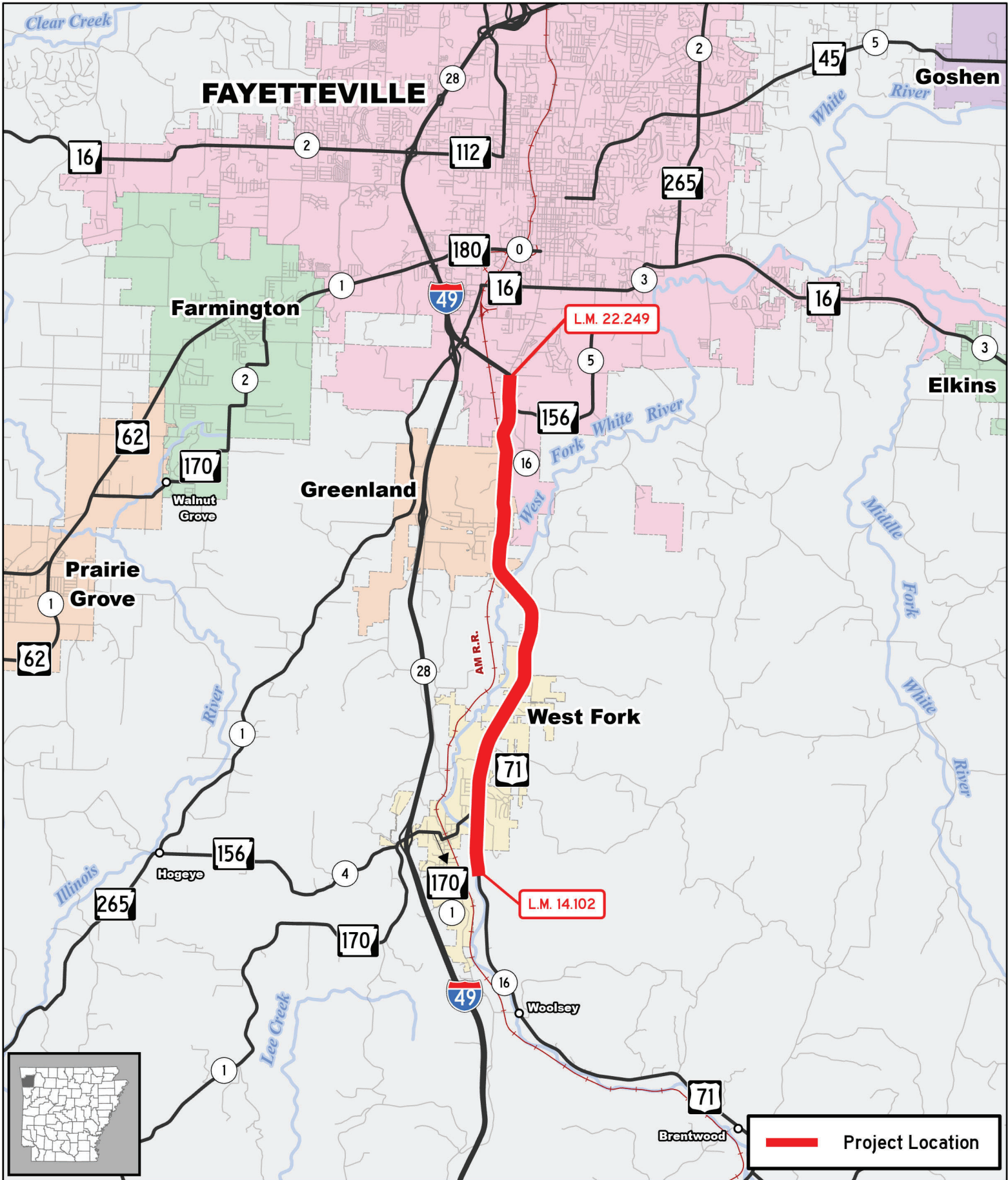




Job A40031
Fayetteville – Hwy. 412 (S)
 Hwy. 112, Sec. 1
 Washington County



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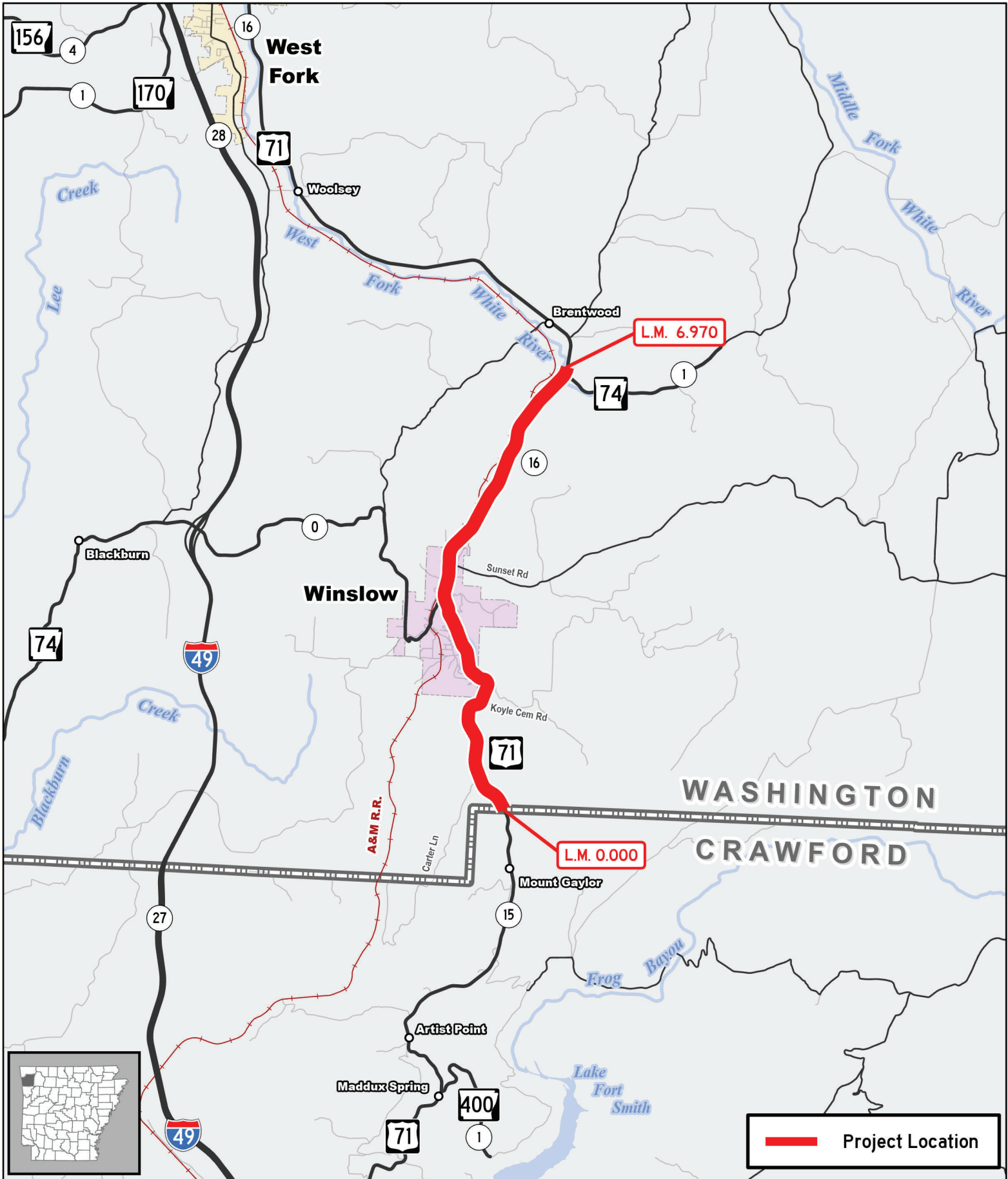
 Project Location


Job A40035

Hwy. 170 – Hwy. 71B (S)

Hwy. 71, Sec. 16
Washington County





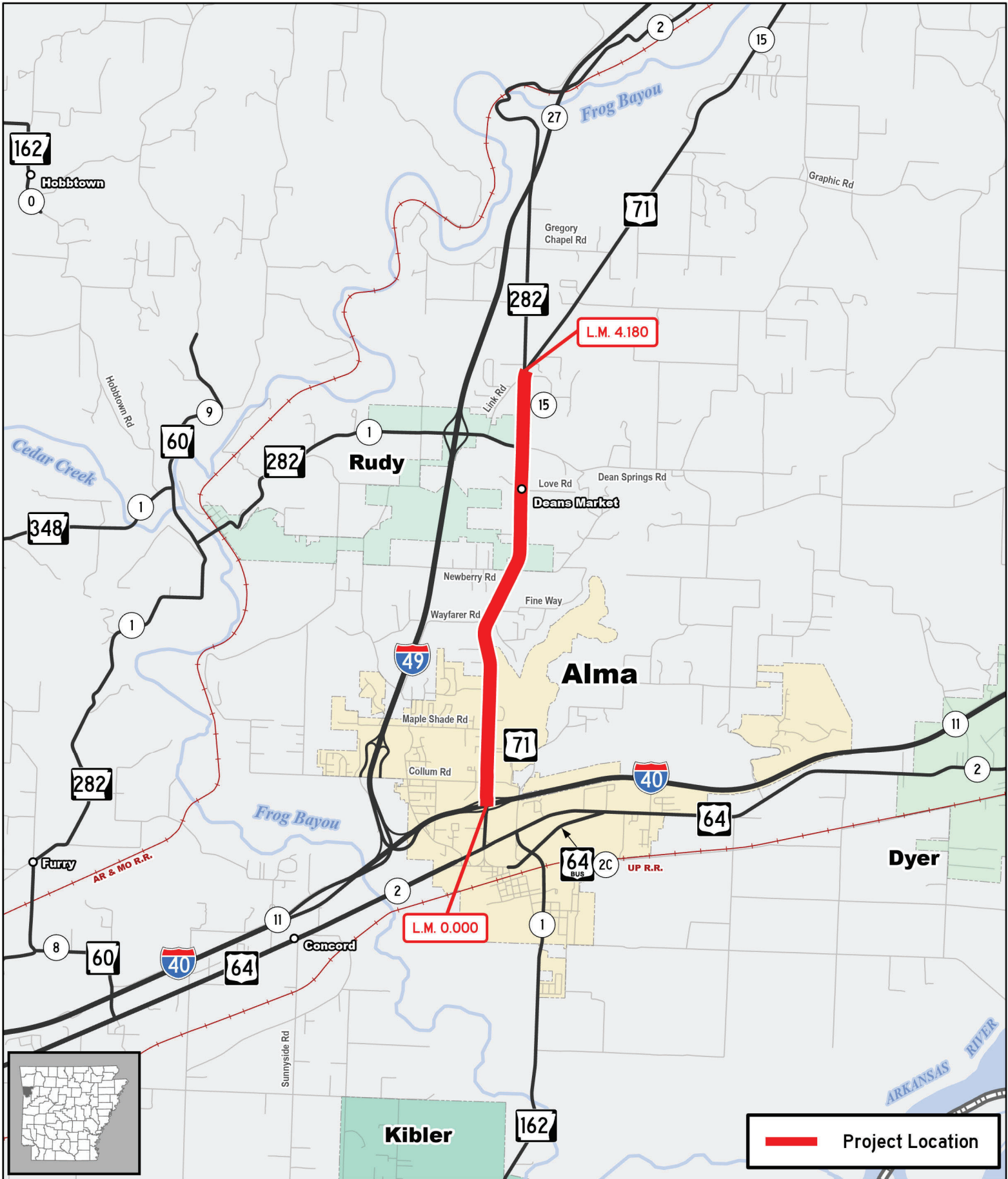
 Project Location

Job A40036

Crawford Co. Line – Hwy. 74 (S)

Hwy. 71, Sec. 16
Washington County





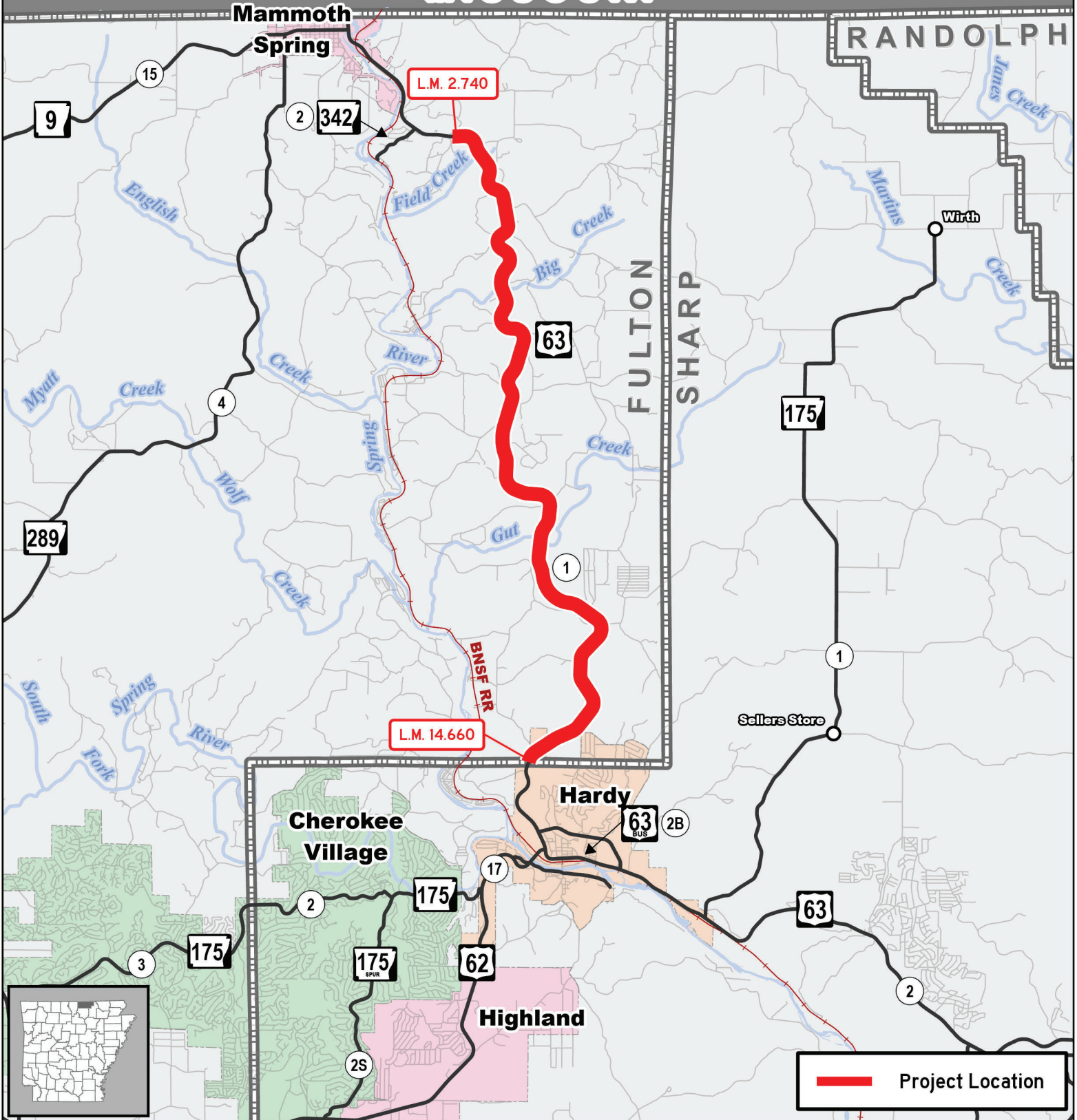
Job A40037
I-40 – Hwy. 282 (S)
 Hwy. 71, Sec. 15
 Crawford County

AR DOT
 ARKANSAS DEPARTMENT OF TRANSPORTATION

0 0.25 0.5 1
 Mile

Document Path: \\san1\gis\Programs\Contracts\Sketches\A40037\A40037.aprx

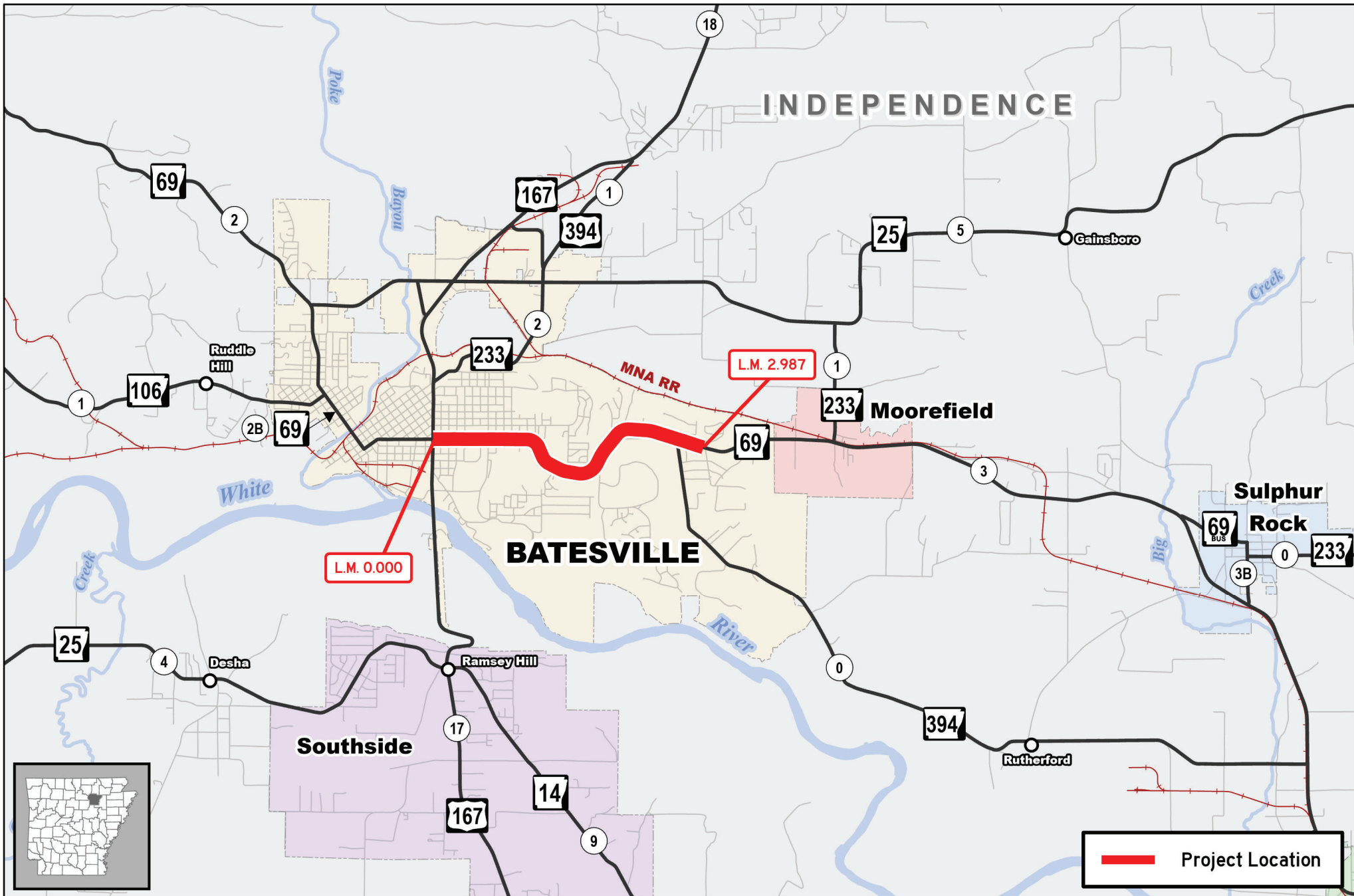
MISSOURI



Job A50026 Hwy. 342 – Sharp Co. Line (S)

Hwy. 63, Sec. 1
Fulton County



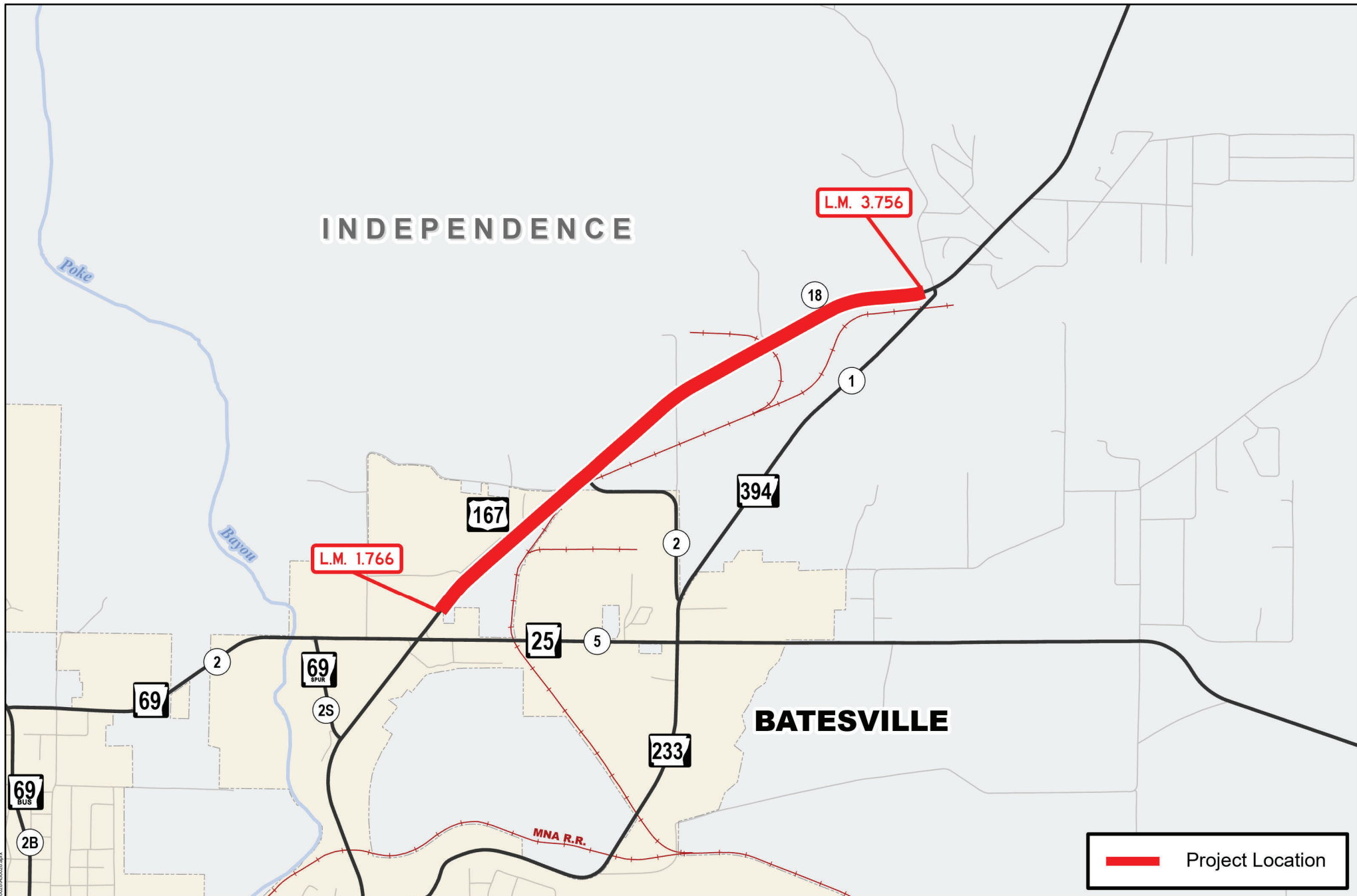


Job A50027
Hwy. 167 – Hwy. 394 (Batesville) (S)
Hwy. 69, Sec. 3
Independence County

 **Project Location**

 **AR DOT**
 ARKANSAS DEPARTMENT OF TRANSPORTATION


 0 0.25 0.5 1
 Miles



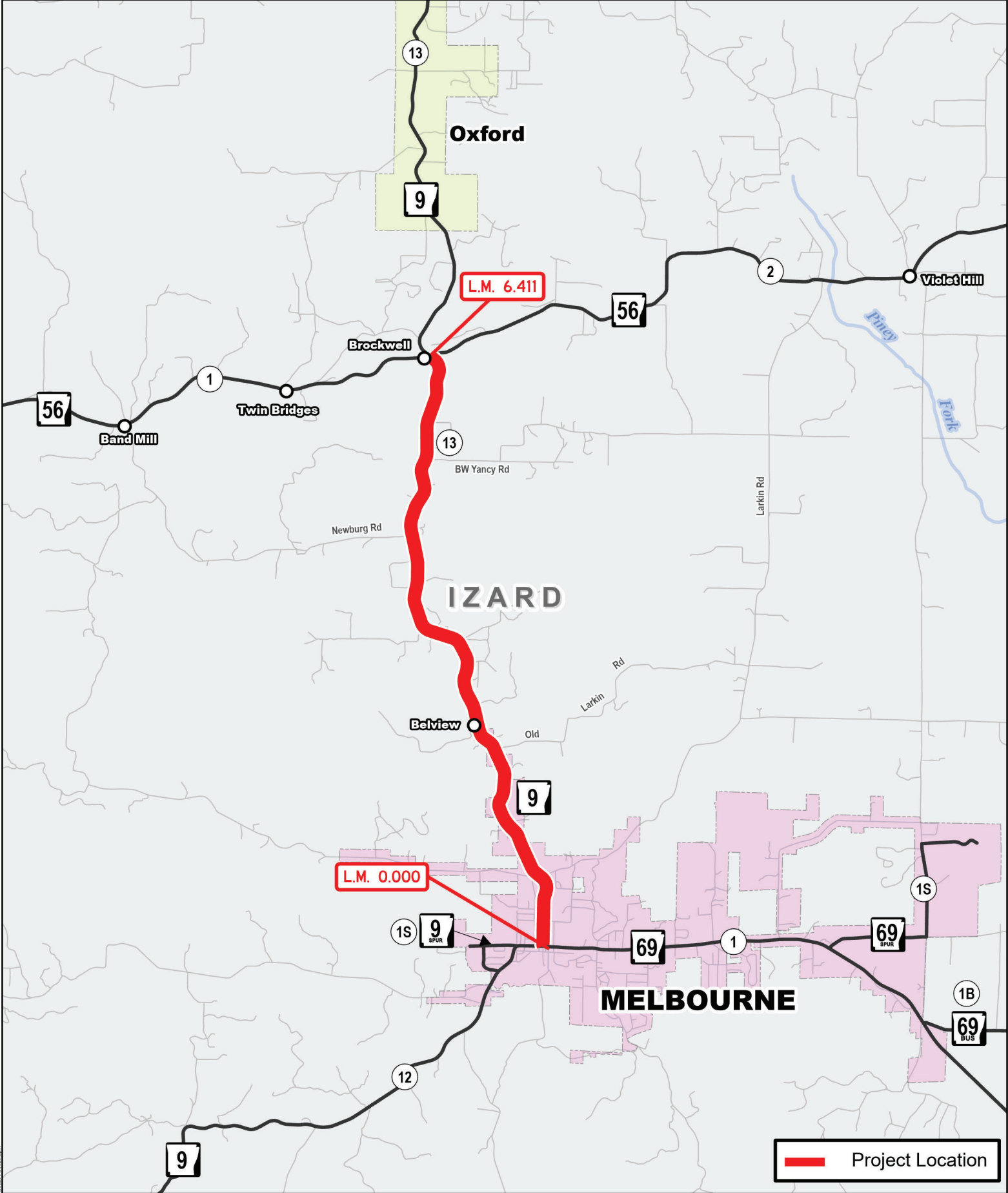
Job A50028
Hwy. 25 – Hwy. 394 (Batesville) (S)
Hwy. 167, Sec. 18
Independence County



PM: PS: cp44759: 9/11/2023



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Job A50029

Hwy. 69 – Hwy. 56 (S)

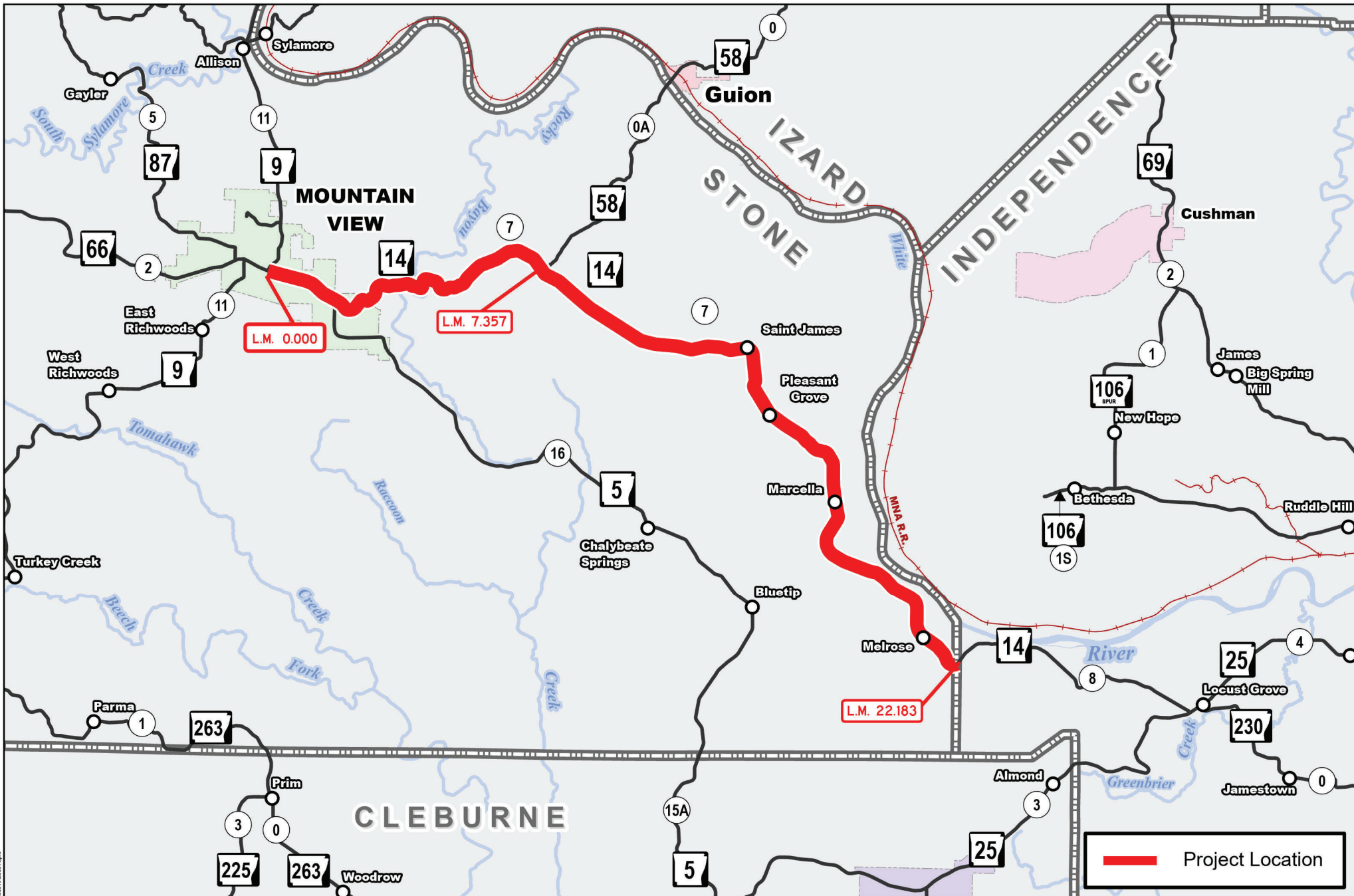
Hwy. 9, Sec. 13

Izard County



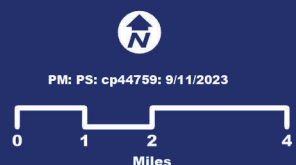
PM: PS: cp44759; 9/11/2023



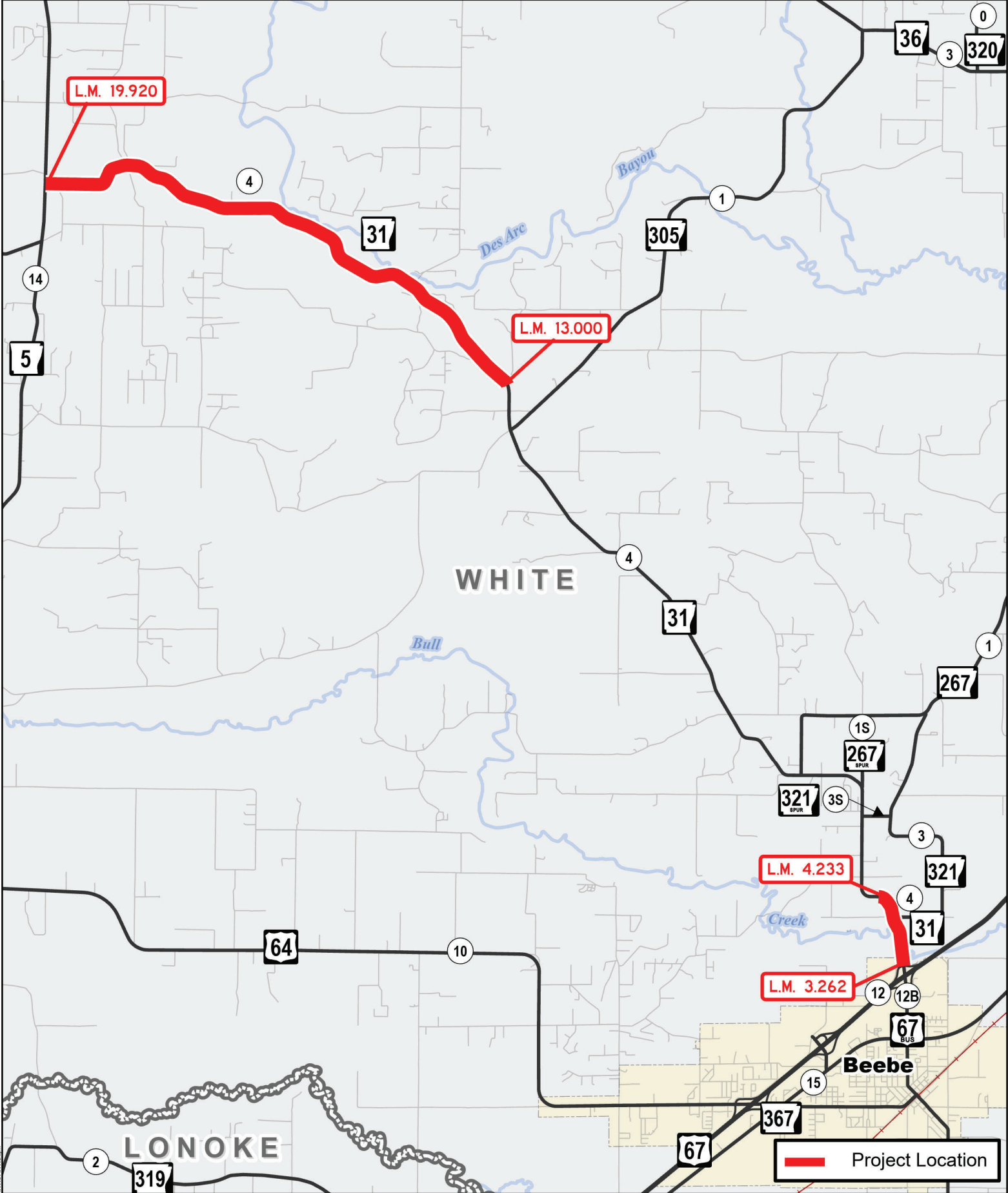


 Project Location

Job A50031
Hwy. 9 – Independence Co. Line (S)
Hwy. 14, Sec. 7
Stone County



Document Path: I:\Program\Contract\Sketch\A50031\A50031.dwg



Job A50032

Hwy. 67 – Hwy. 5 (Sel. Secs.) (S)

Hwy. 31, Sec. 4

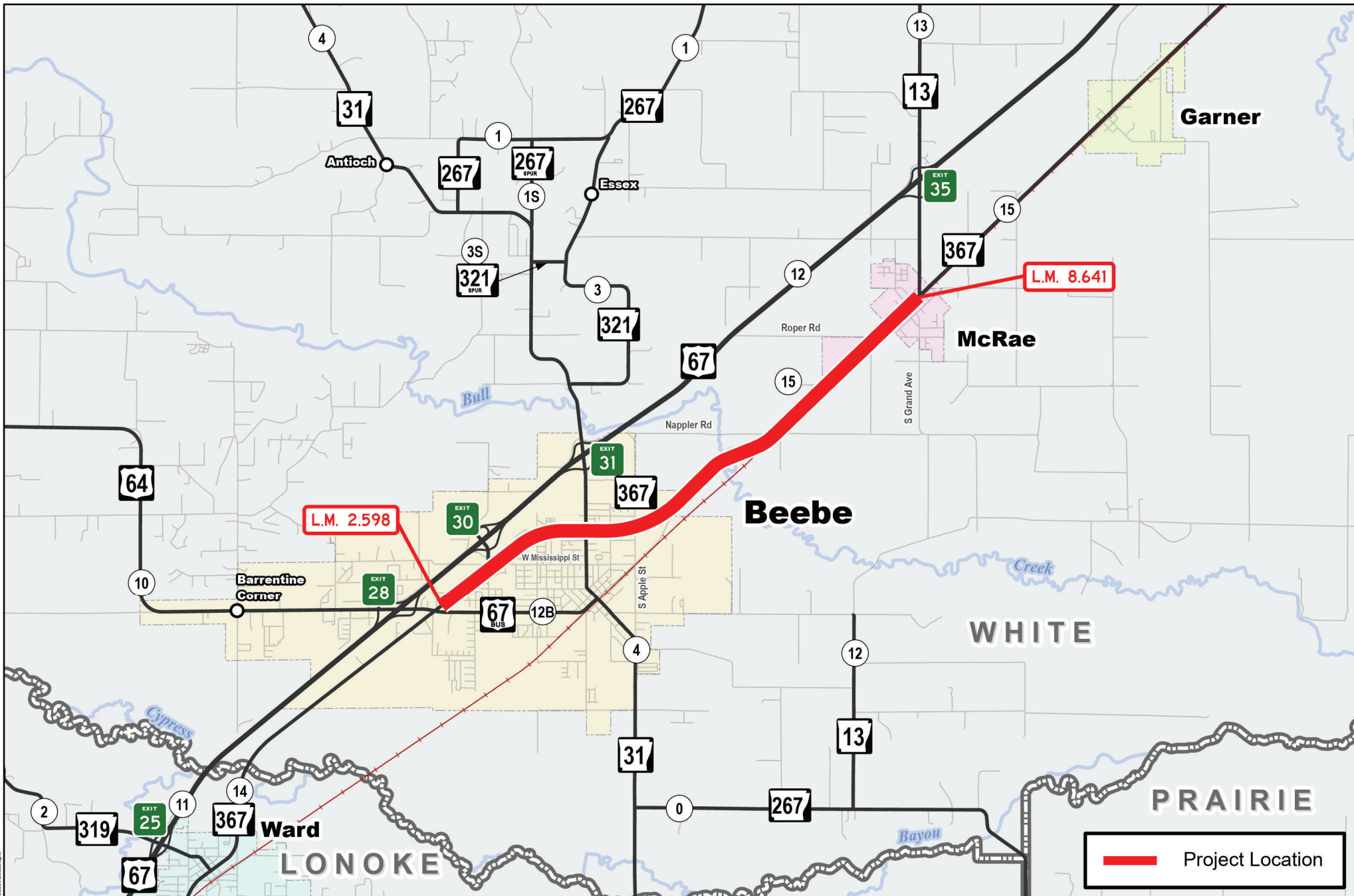
White County



PM: PS: cp44759; 9/11/2023



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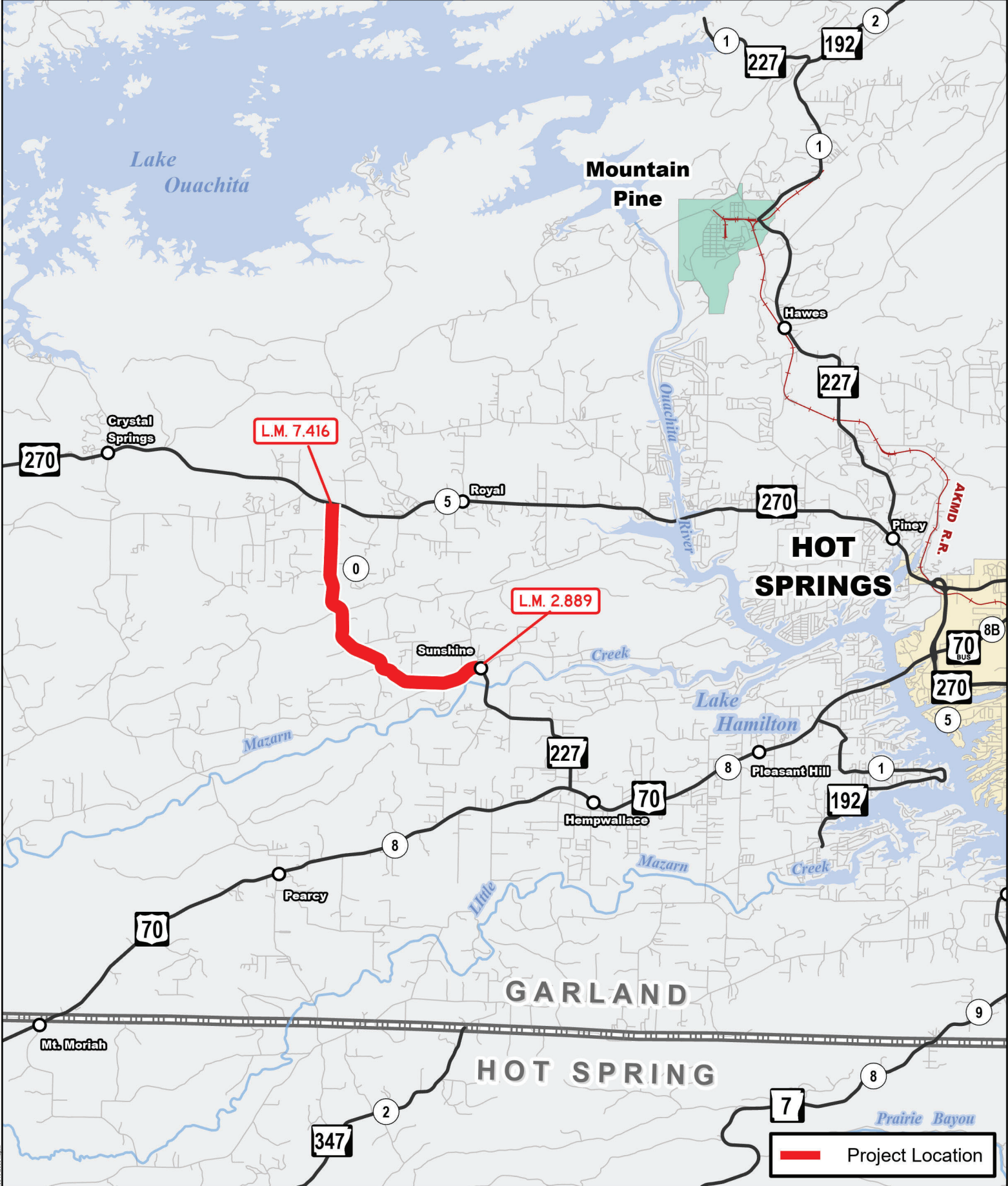
Job A50033
Hwy. 67B – Hwy. 13 (S)
Hwy. 367, Sec. 15
White County



PM: PS: cp44759: 9/11/2023



Document Path: I:\Program\Contract\Ark\A50033\A50033.aprx



Job A60034

Sunshine – Hwy. 270 (S)

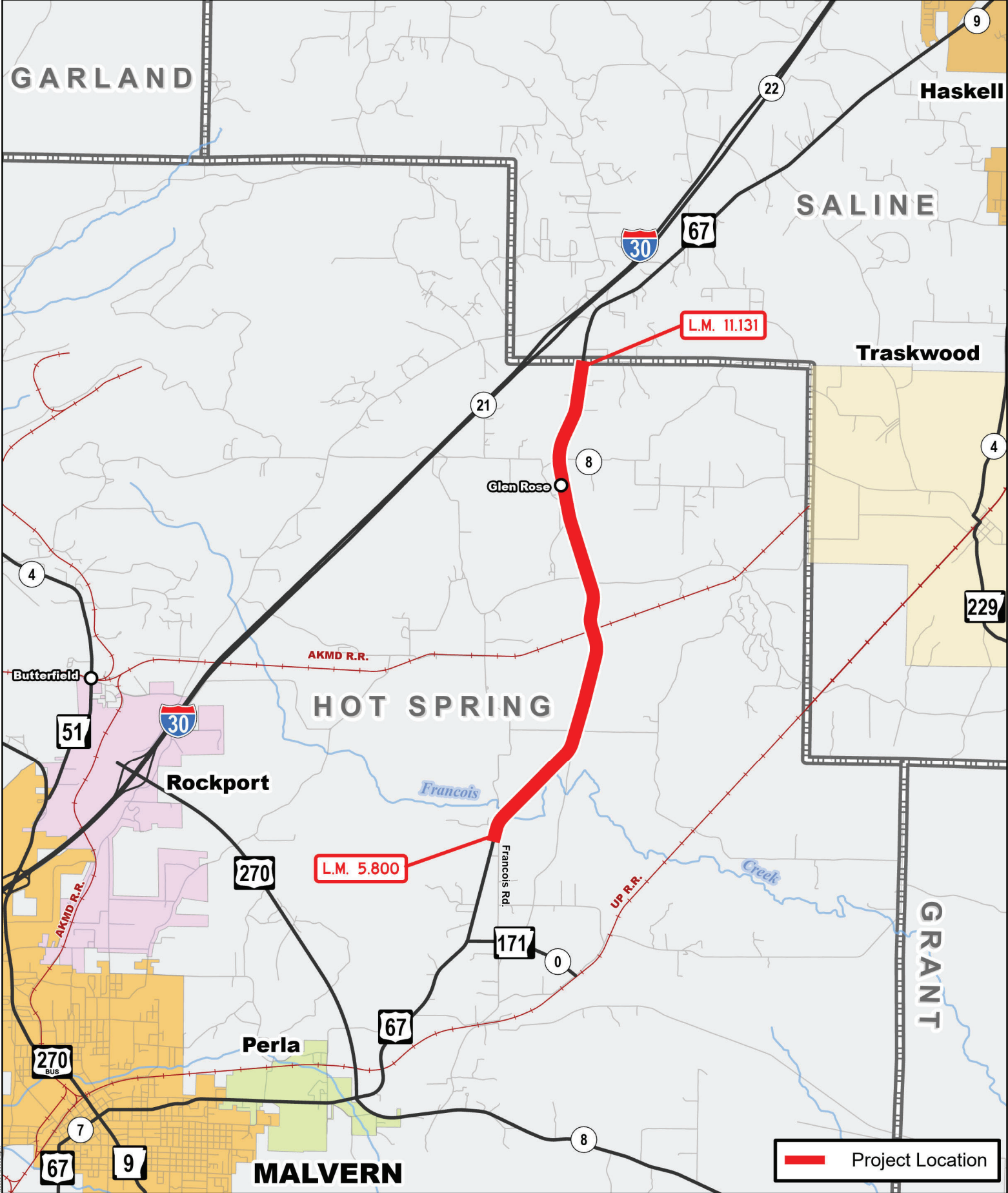
Hwy. 227, Sec. 0

Garland County



PM: PS: cp44759: 9/11/2023





 Project Location

Job A60035

Francois Rd. – Saline Co. Line (S)

Hwy. 67, Sec. 8

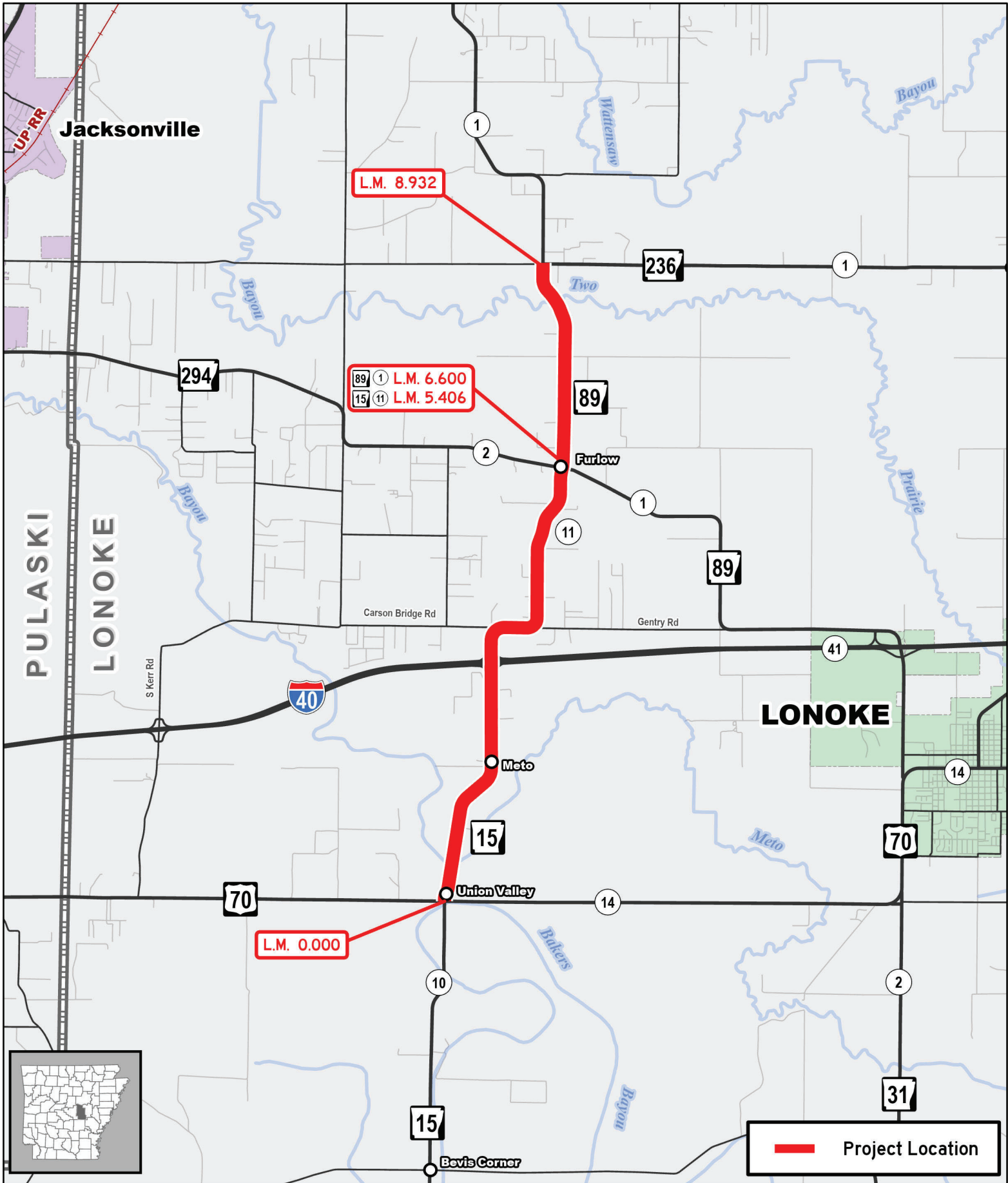
Hot Spring County



PM: PS: cp44759: 9/11/2023



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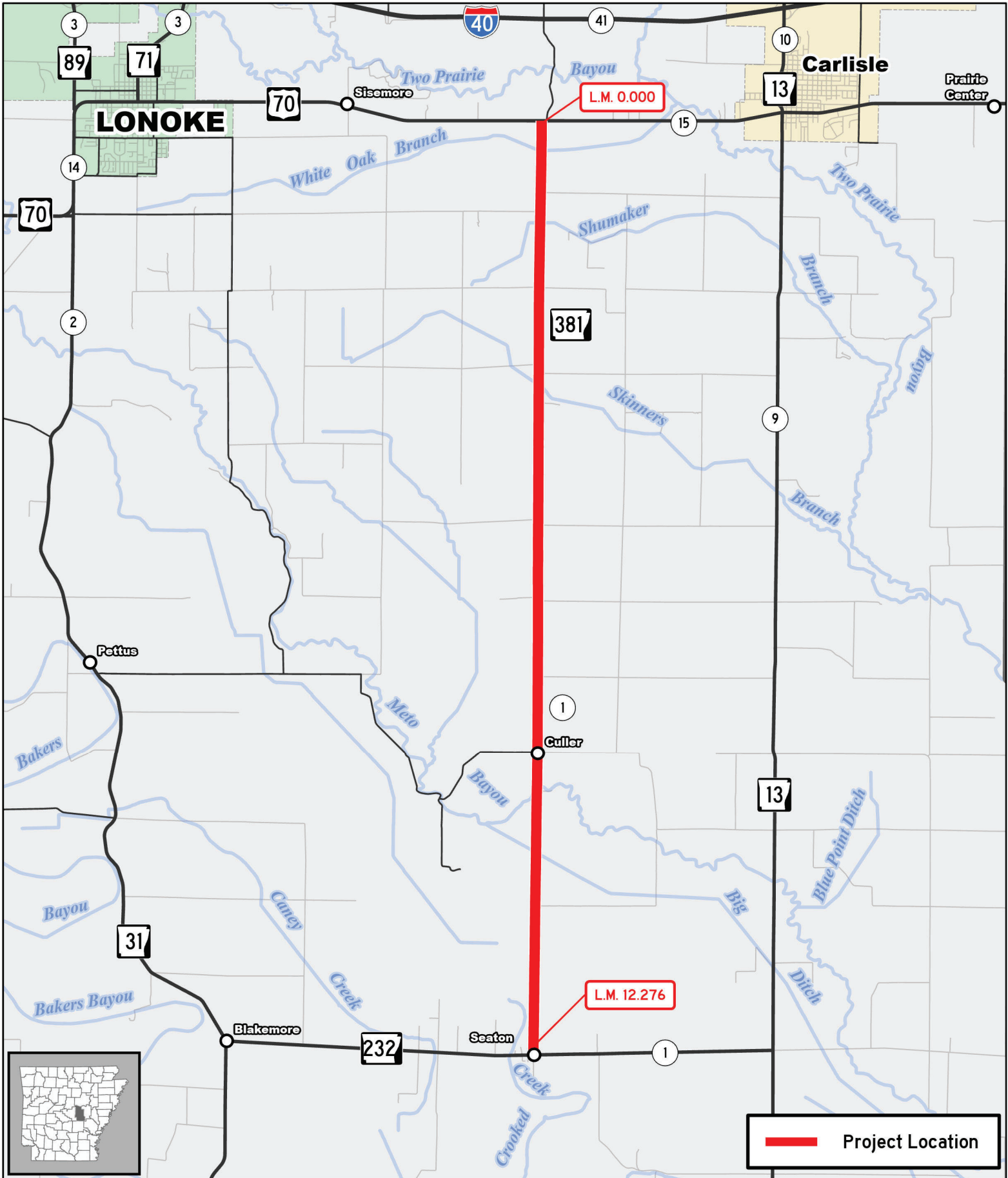
Job A60036

Hwy. 70 – Hwy. 236 (S)

Hwy. 15, Sec. 11
 Hwy. 89, Sec. 1
 Lonoke County

 Project Location



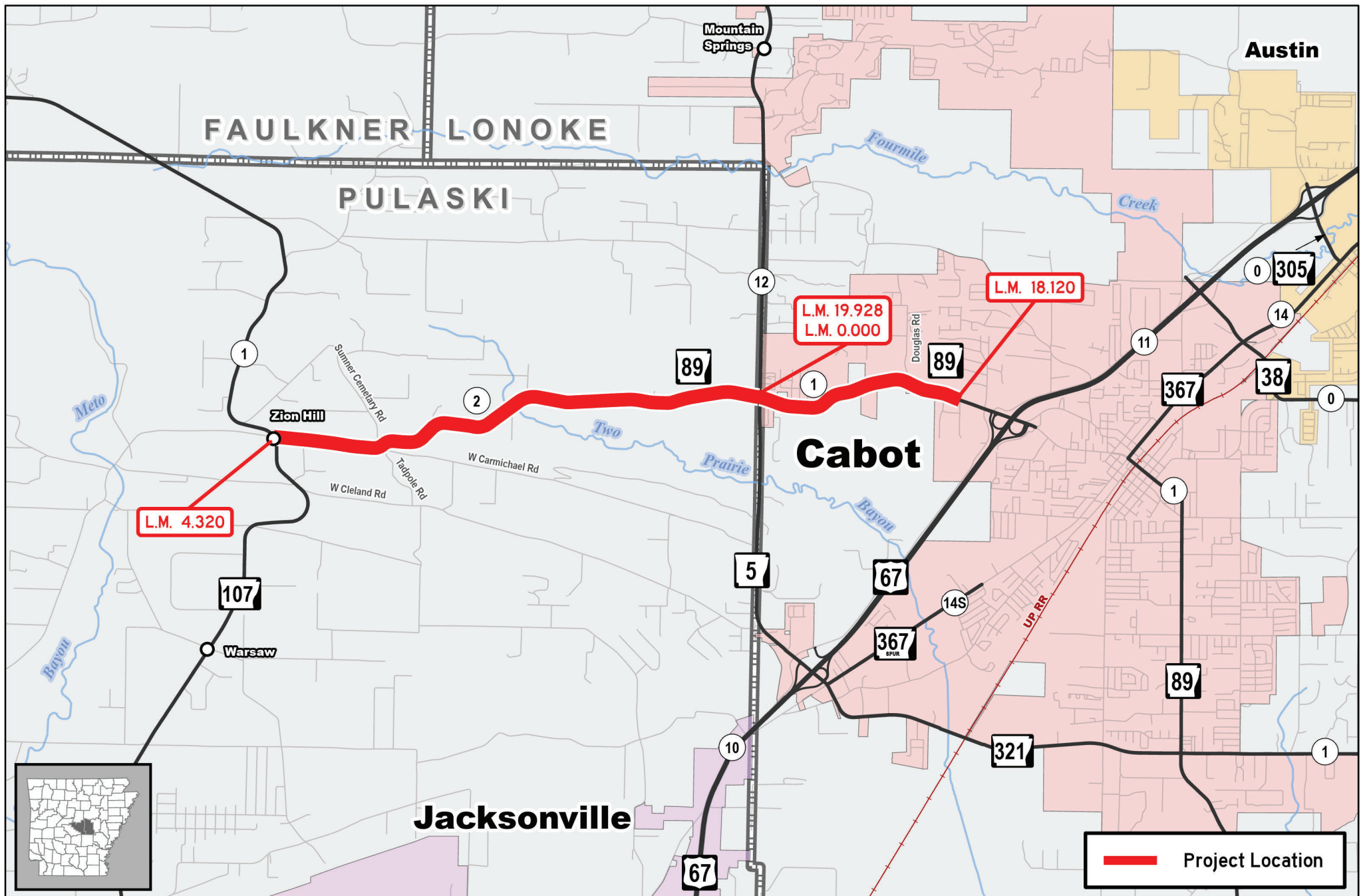


Job A60037
Hwy. 70 – Hwy. 232 (S)
 Hwy. 381, Sec. 1
 Lonoke County

AR DOT
 ARKANSAS DEPARTMENT
 OF TRANSPORTATION

0 0.5 1 2
 Miles

PM: PD: cp44759; 9/11/2023 Document Path: \\san1\gis\Programs\Contracts\Sketches\A60037\A60037.aprx

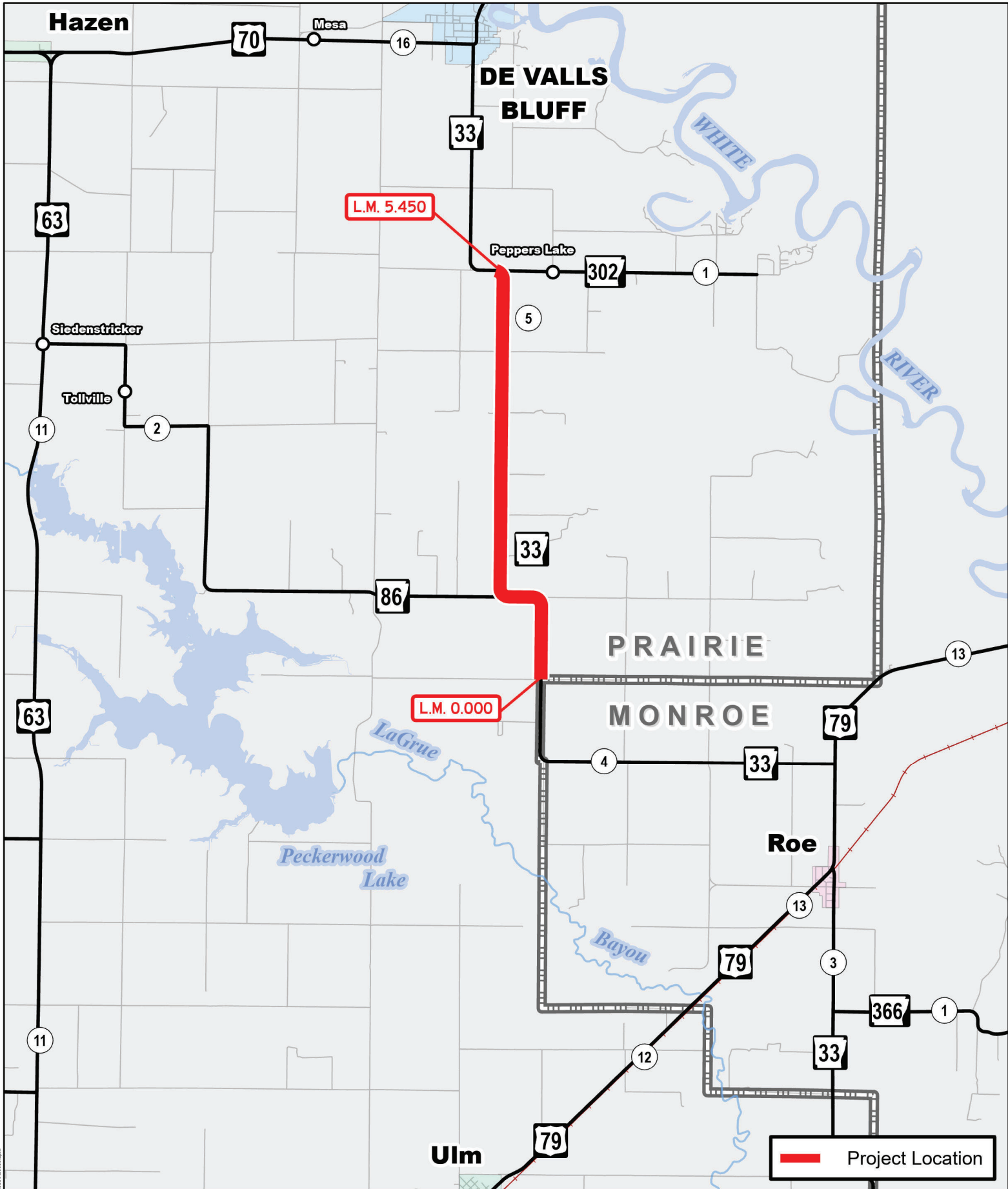


Job A60038
Cabot – Hwy. 107 (S)
 Hwy. 89, Secs. 1 & 2
 Lonoke & Pulaski Counties

Project Location

AR DOT
 ARKANSAS DEPARTMENT OF TRANSPORTATION

0 0.25 0.5 1
 Mile



Job A60039

Monroe Co. Line – Hwy. 302 (S)

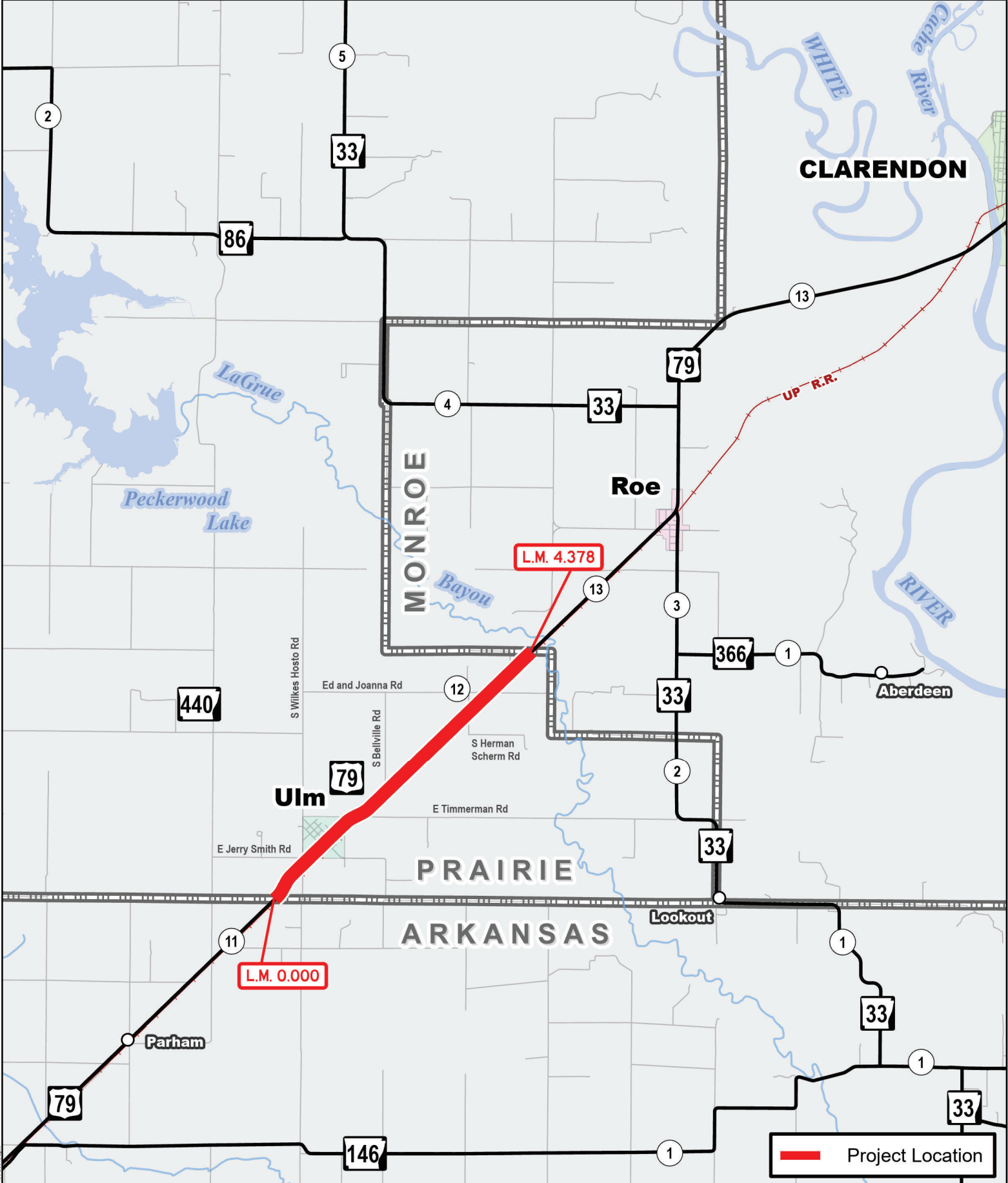
Hwy. 33, Sec. 5

Prairie County



PM: PS: cp44759: 9/11/2023





Job A60040

Arkansas Co. Line – Monroe Co. Line (S)

Hwy. 79, Sec.12

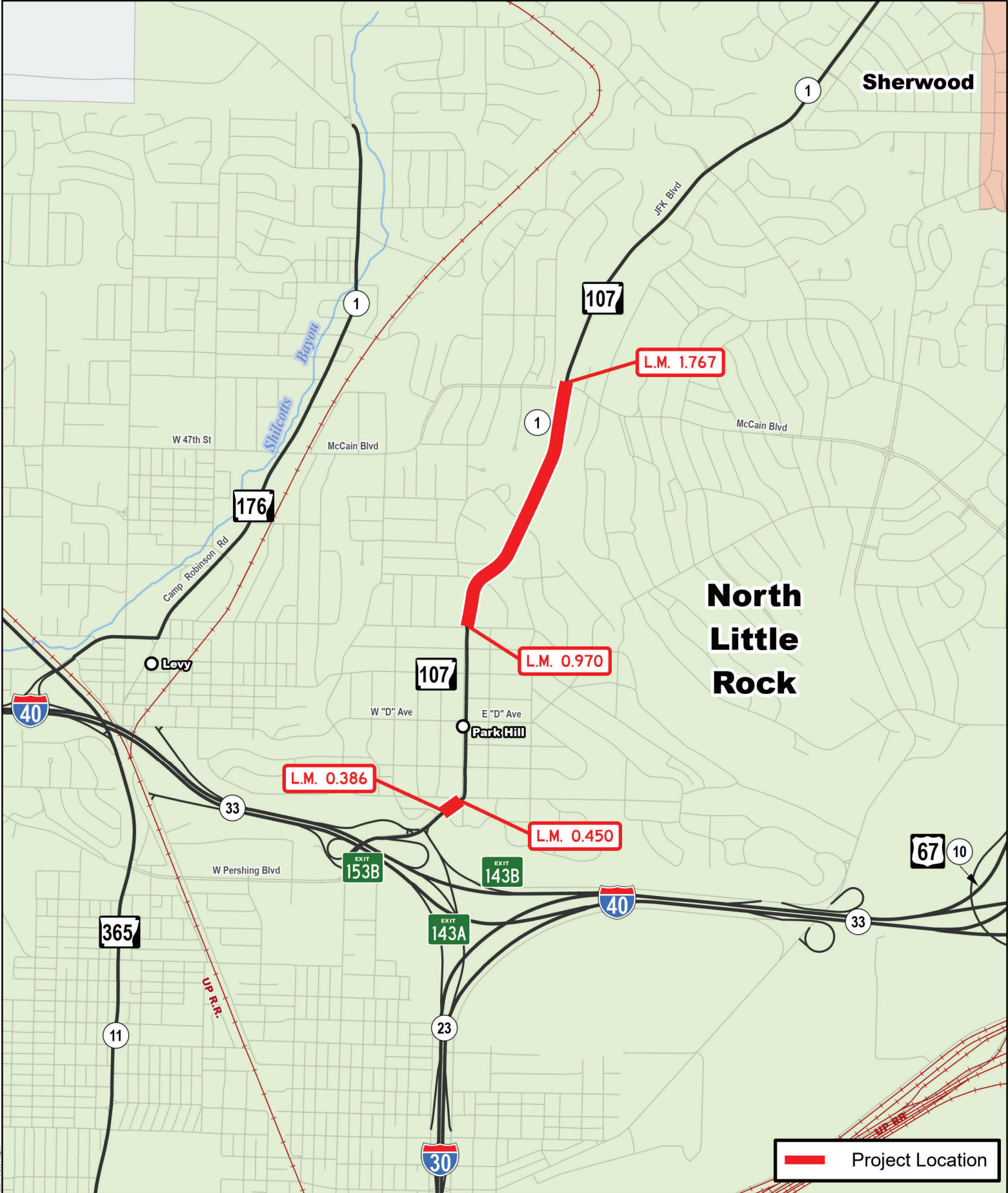
Prairie County




PM: PS: cp44759: 9/11/2023

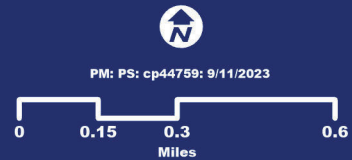


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 Project Location

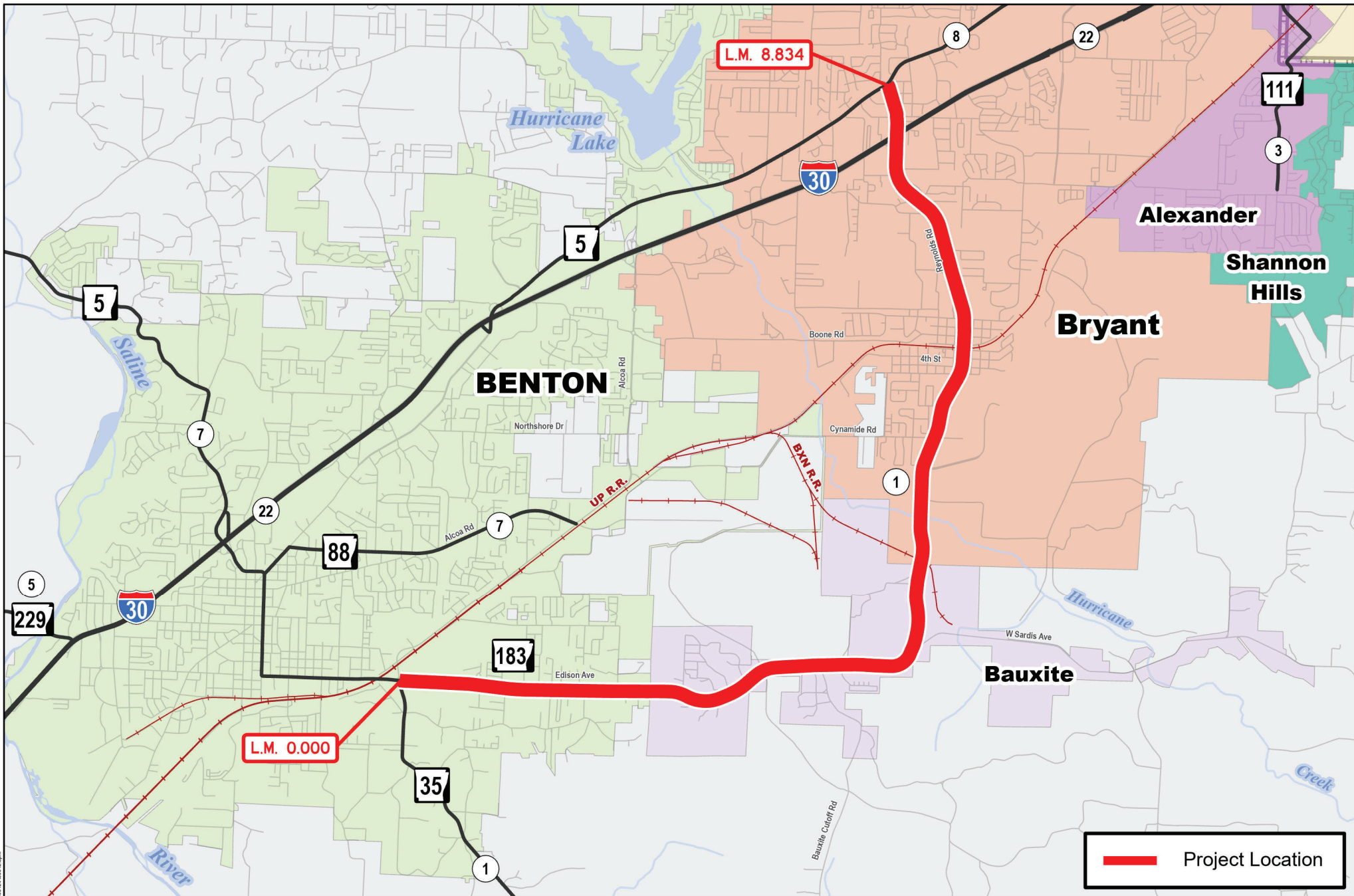
Job A60041
I-40 – McCain Blvd. (NLR) (Sel. Secs.) (S)
 Hwy. 107, Sec. 1
 Pulaski County



PM: PS: cp44759; 9/11/2023



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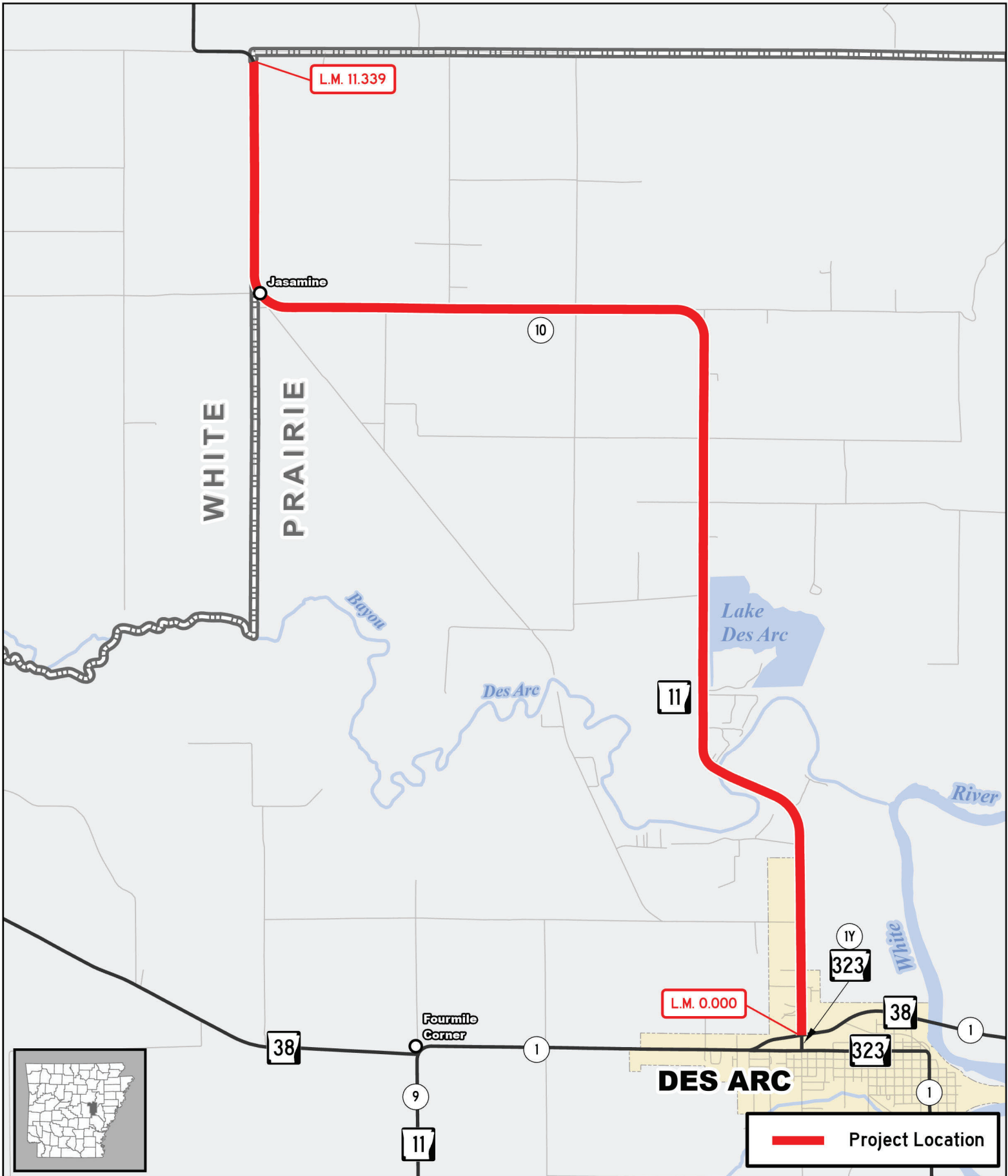
Job A60042
Hwy. 35 – Hwy. 5 (S)
Hwy. 183, Sec. 1
Saline County



PM: PS: cp44759: 9/11/2023

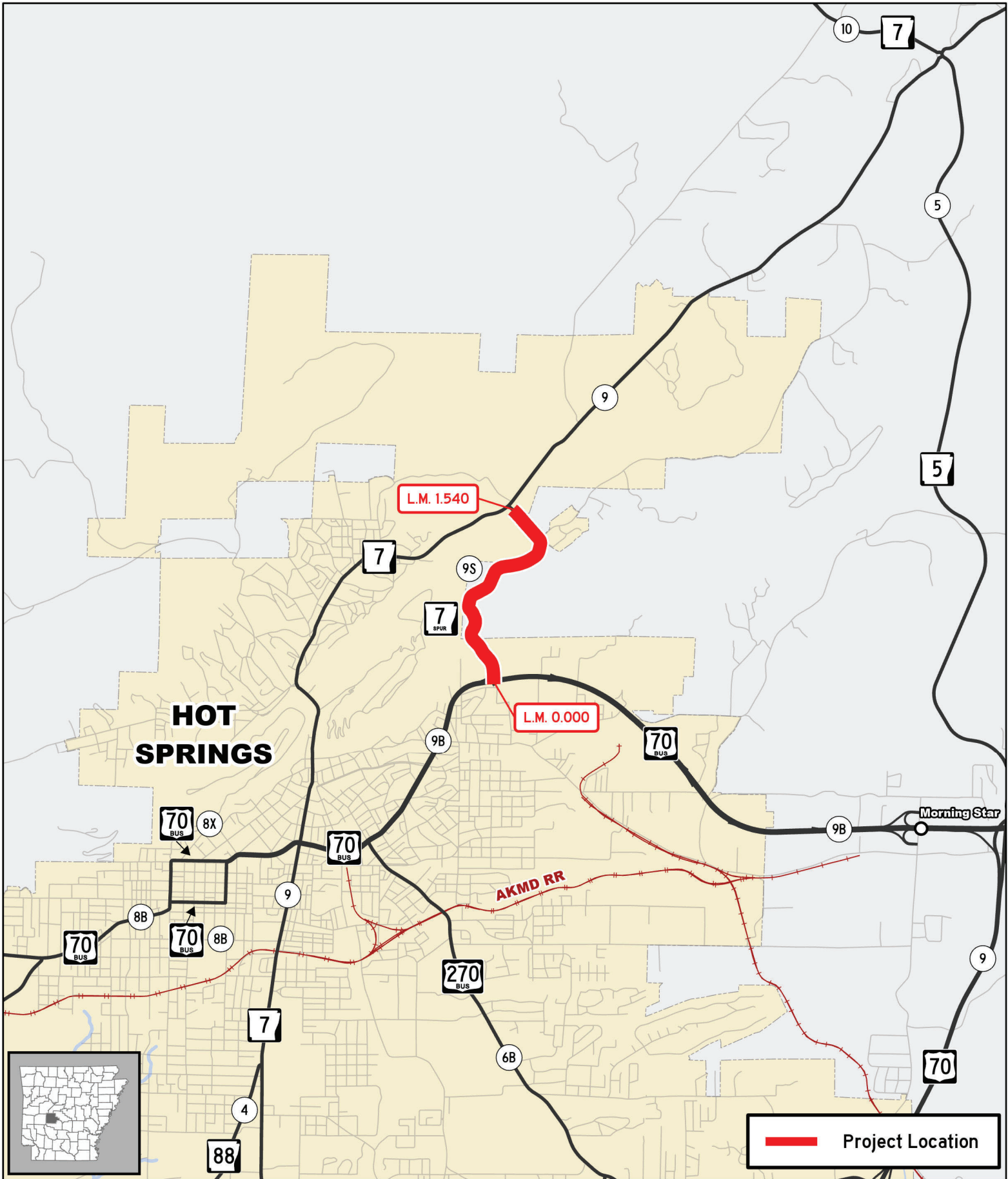


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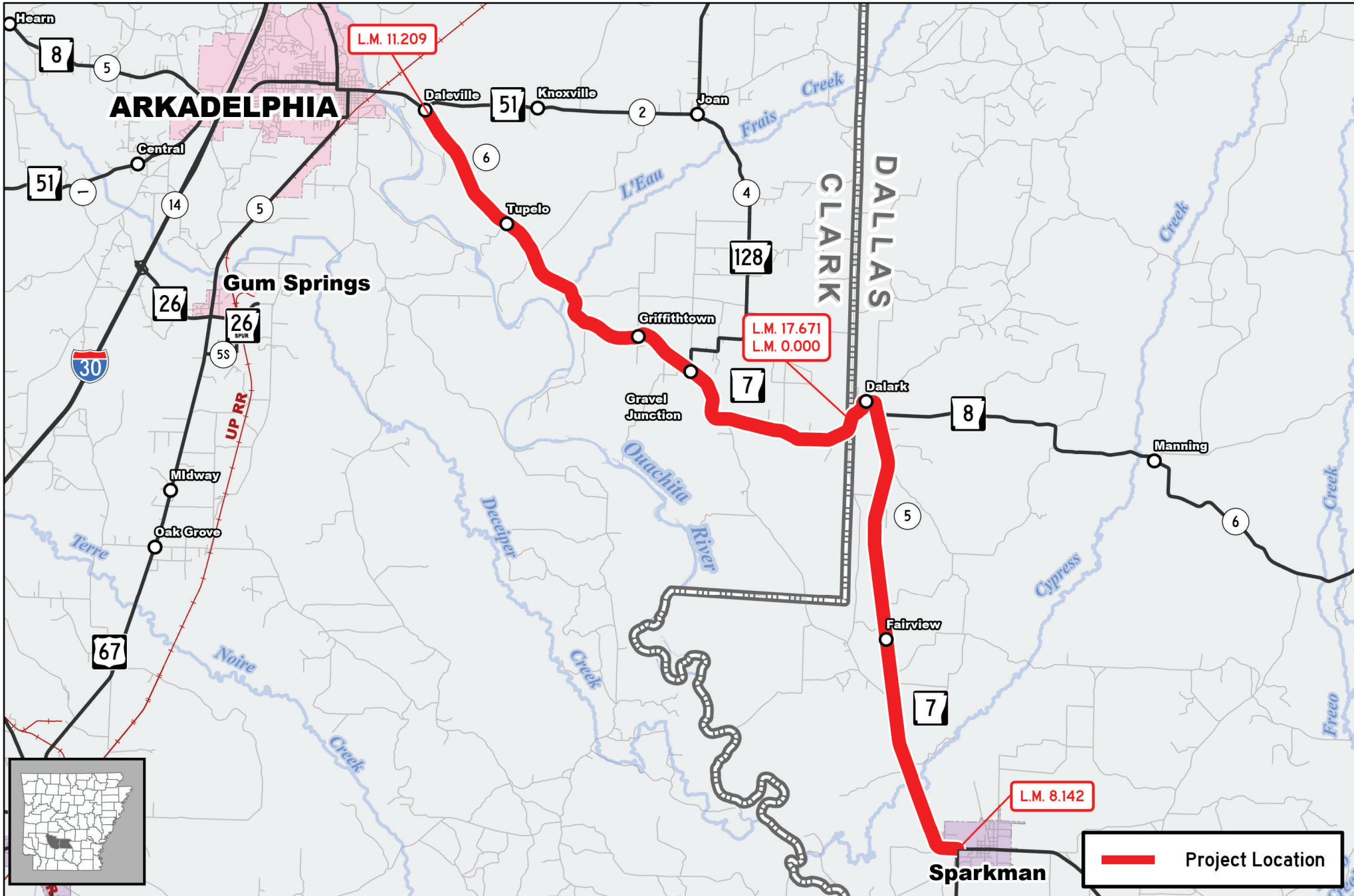
Job A60044
Hwy. 38 – White Co. Line (S)
Hwy. 11, Sec. 10
Prairie County





Job A60046
Hwy. 70B – Hwy. 7 (Hot Springs) (S)
 Hwy. 7, Sec. 9S
 Garland County

0 0.25 0.5 1
Mile

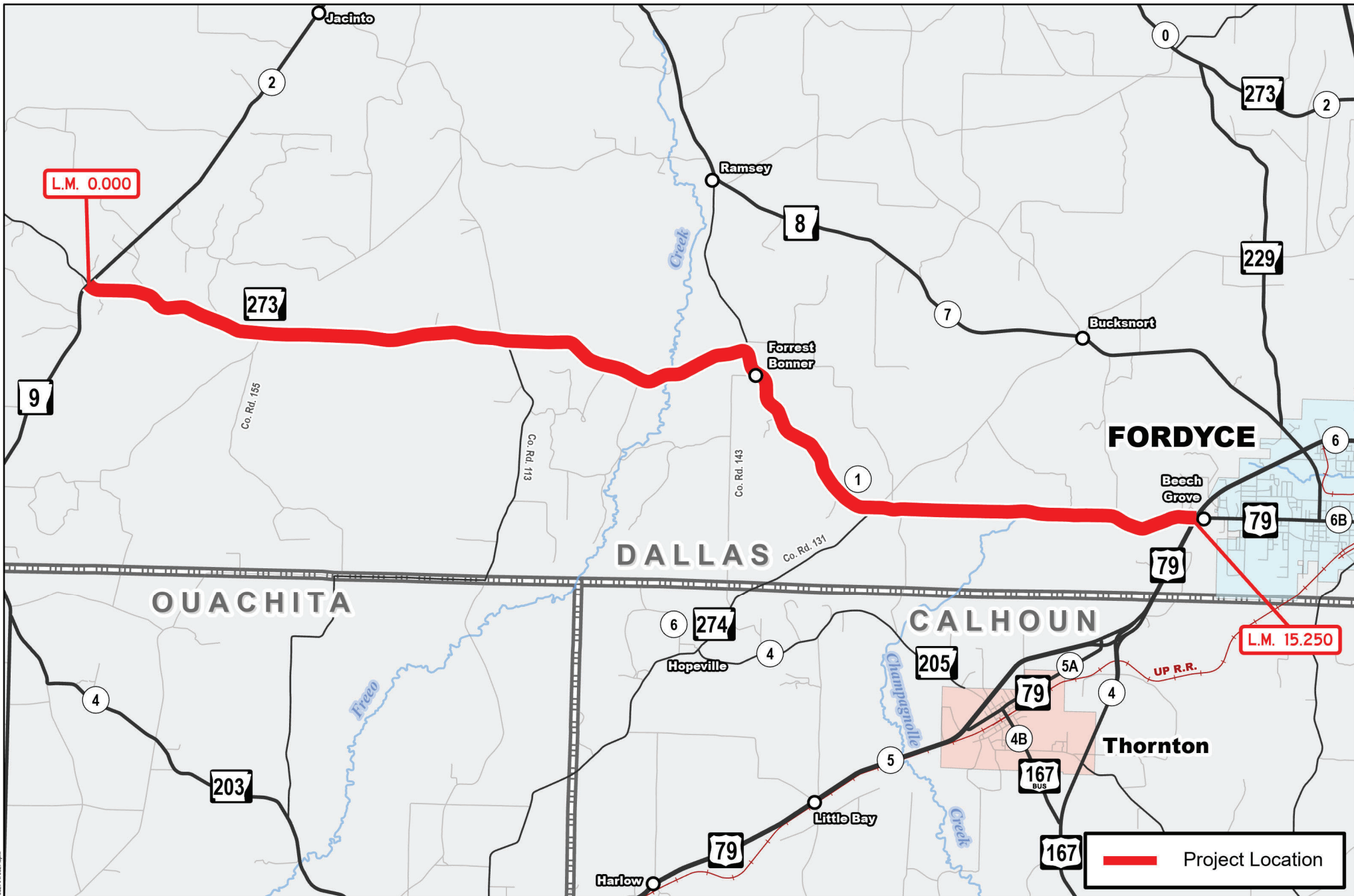


Job A70026
Sparkman – Hwy. 51 (S)
 Hwy. 7, Secs. 6 & 5
 Clark & Dallas Counties

 Project Location

AR DOT
 ARKANSAS DEPARTMENT
 OF TRANSPORTATION

0 0.75 1.5 3
 Miles



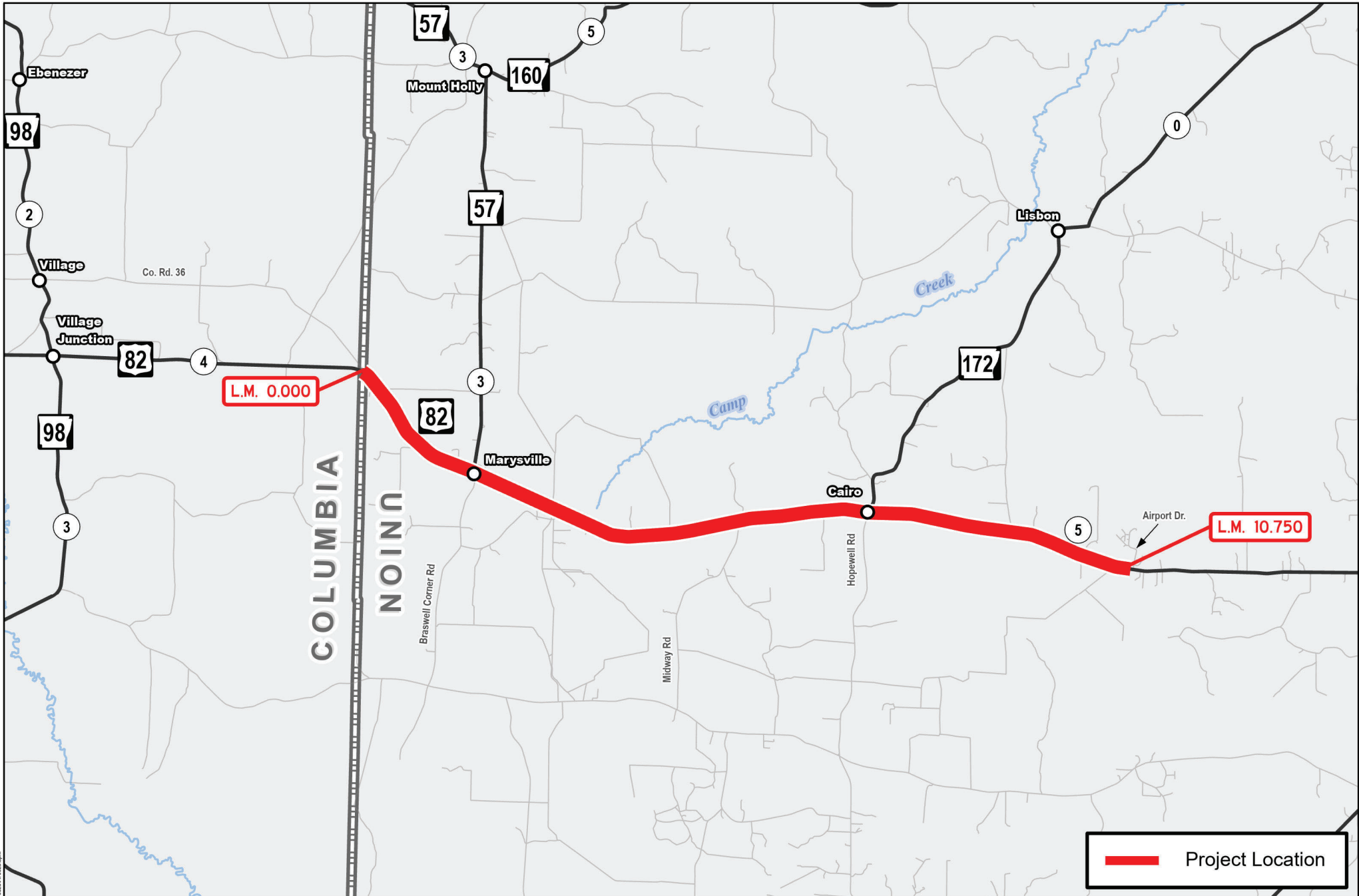
Job A70027
Hwy. 9 – Fordyce (S)
Hwy. 273, Sec. 1
Dallas County

PM: PS: cp44759: 9/13/2023

0 0.5 1 2
Miles

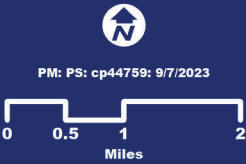


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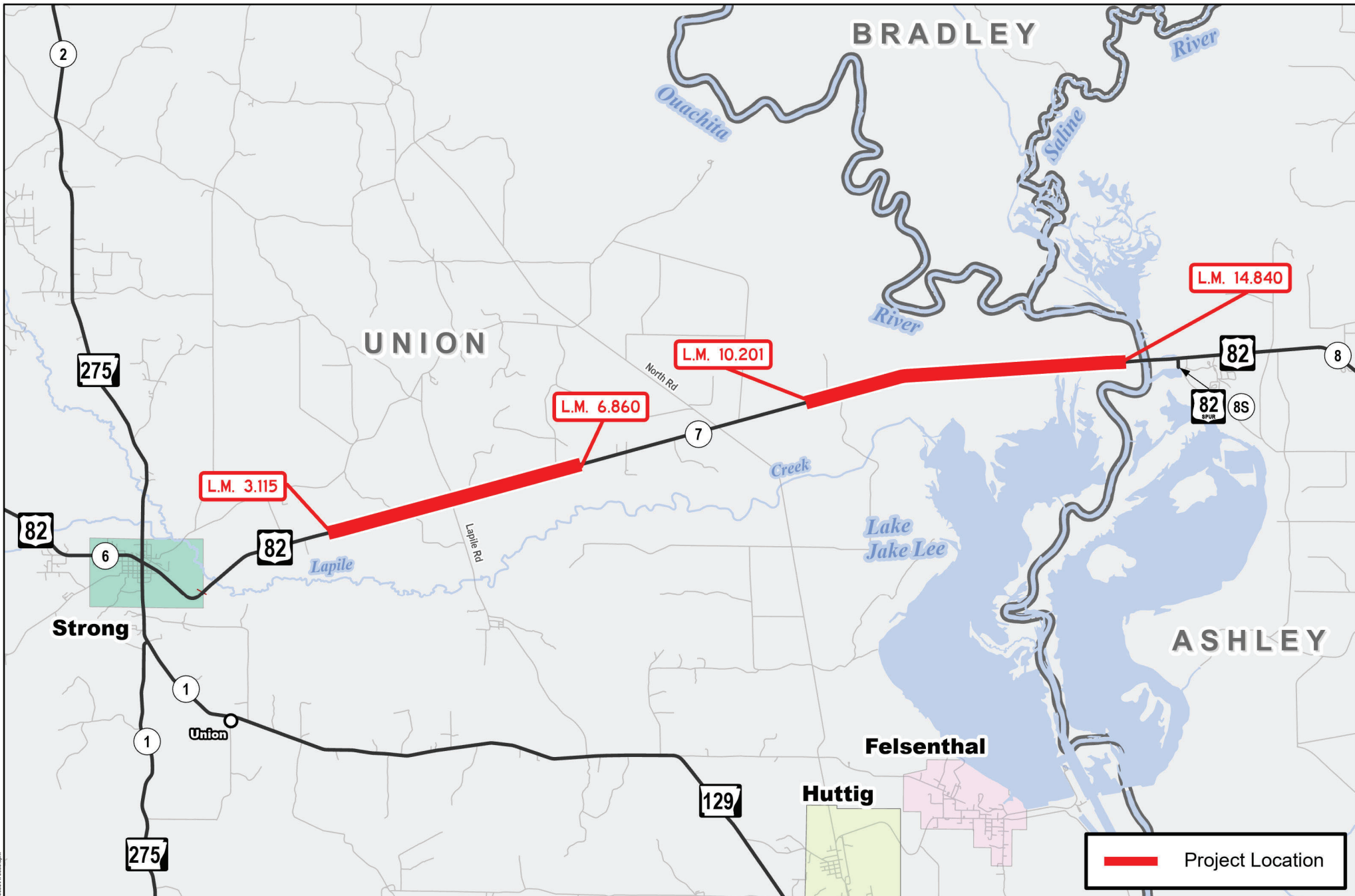


 Project Location

Job A70029
Columbia Co. Line – Airport Dr. (S)
 Hwy. 82, Sec. 5
 Union County



Document Path: Item\154\Program\Contract\Subcontract\A70029\A70029.dwg



Job A70030
Strong – Ouachita River (Sel. Secs.) (S)
 Hwy. 82, Sec. 7
 Union County

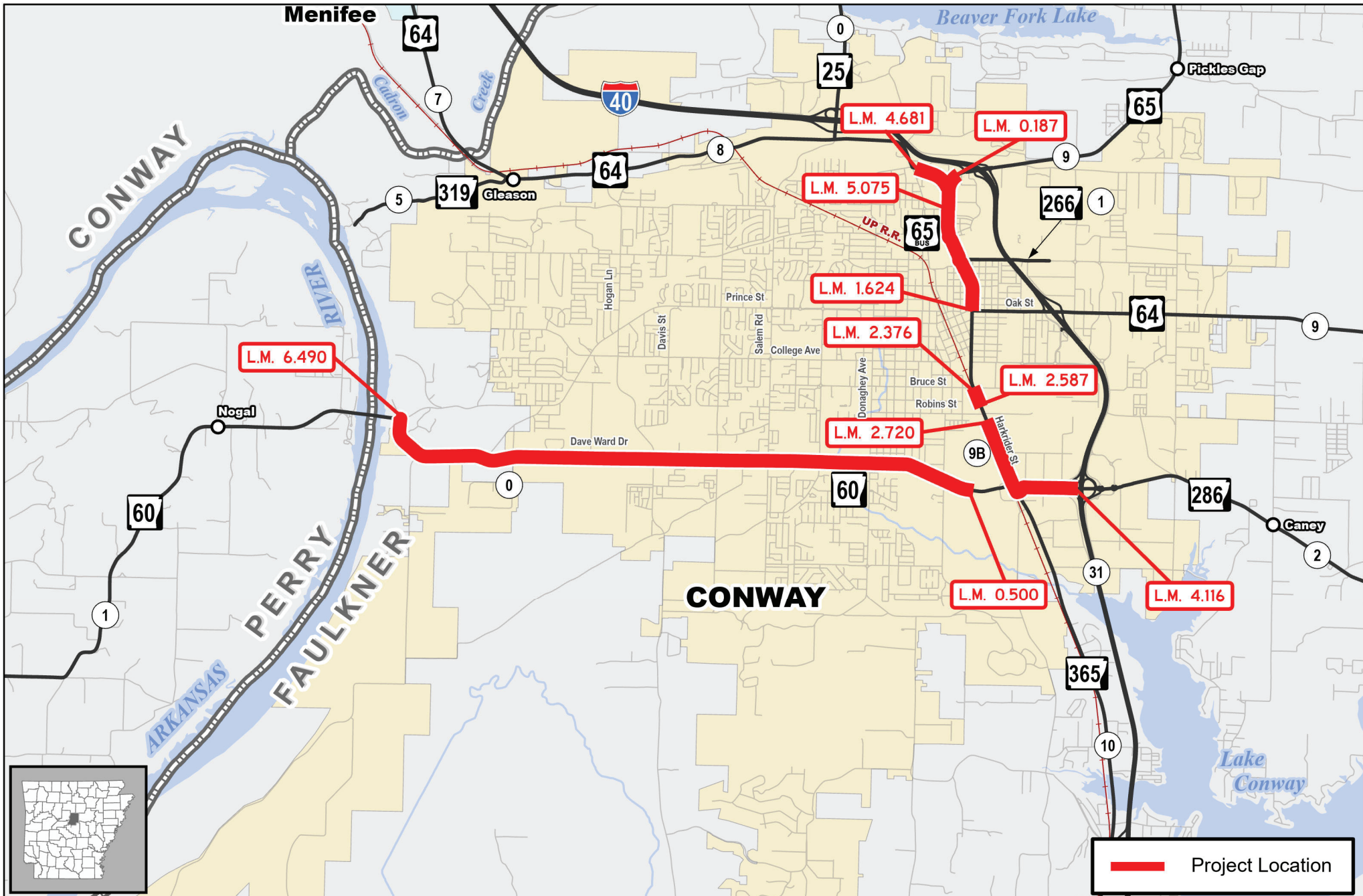
— Project Location



PM: PS: cp44759: 9/7/2023



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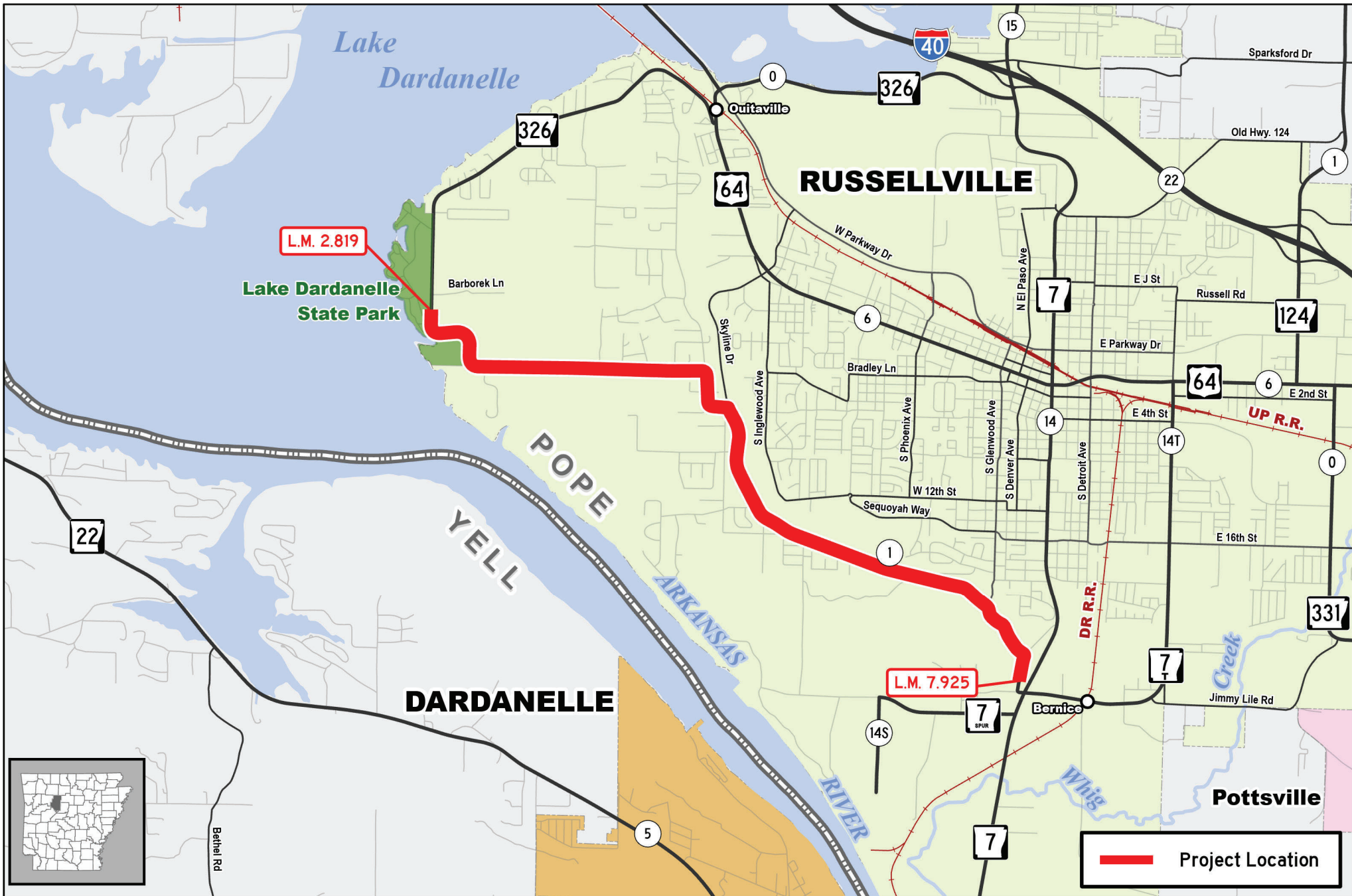


Job A80028

Hwys. 60, 64 & 65B Impvts. (Sel. Secs.) (Conway) (S)

Hwy. 60, Sec. 0
 Hwy. 64, Sec. 8
 Hwy. 65, Sec. 9B
 Faulkner County





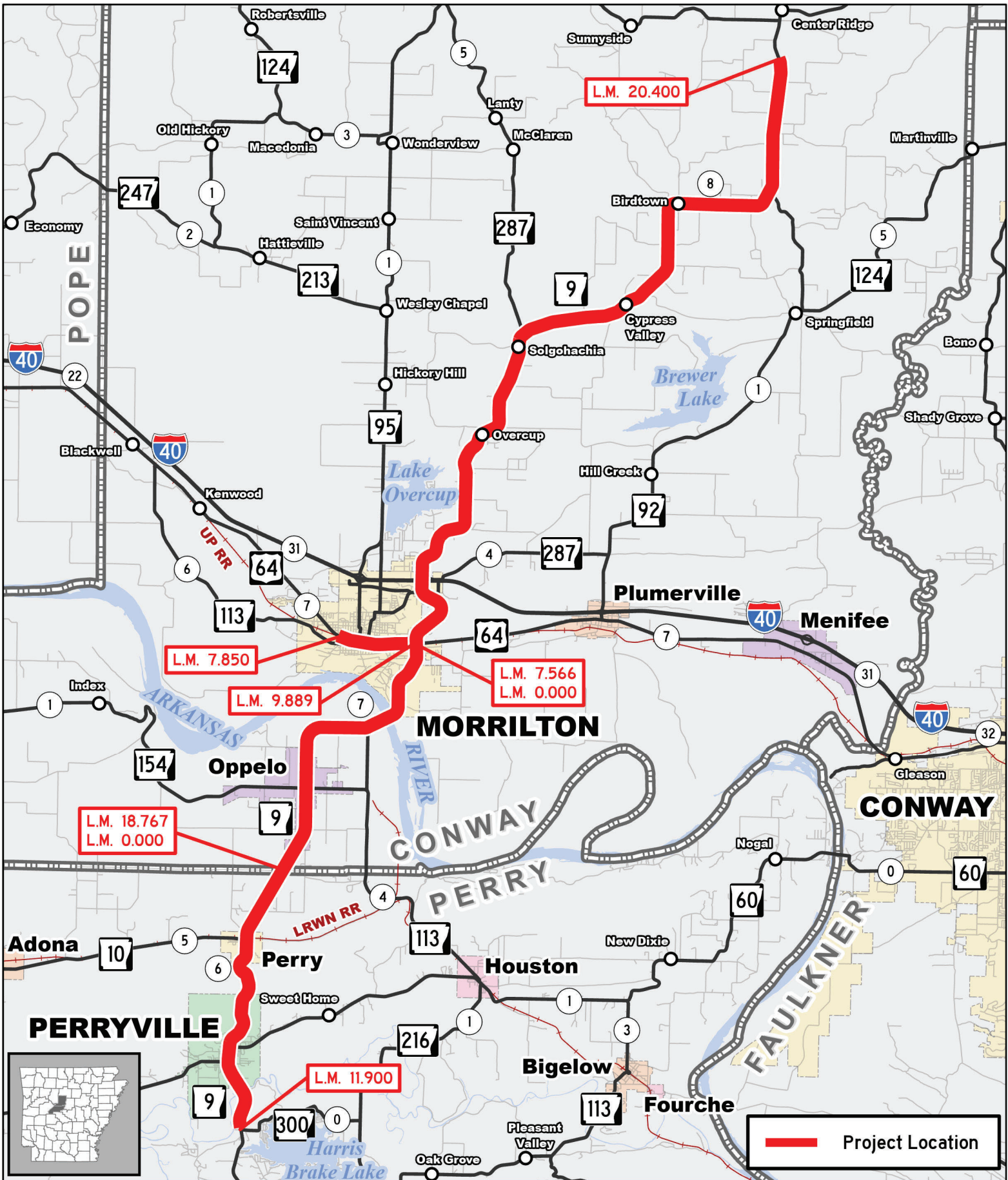
Job A80030

Lake Dardanelle State Park – Hwy. 7 (Russellville) (S)

Hwy. 326, Sec. 1

Pope County





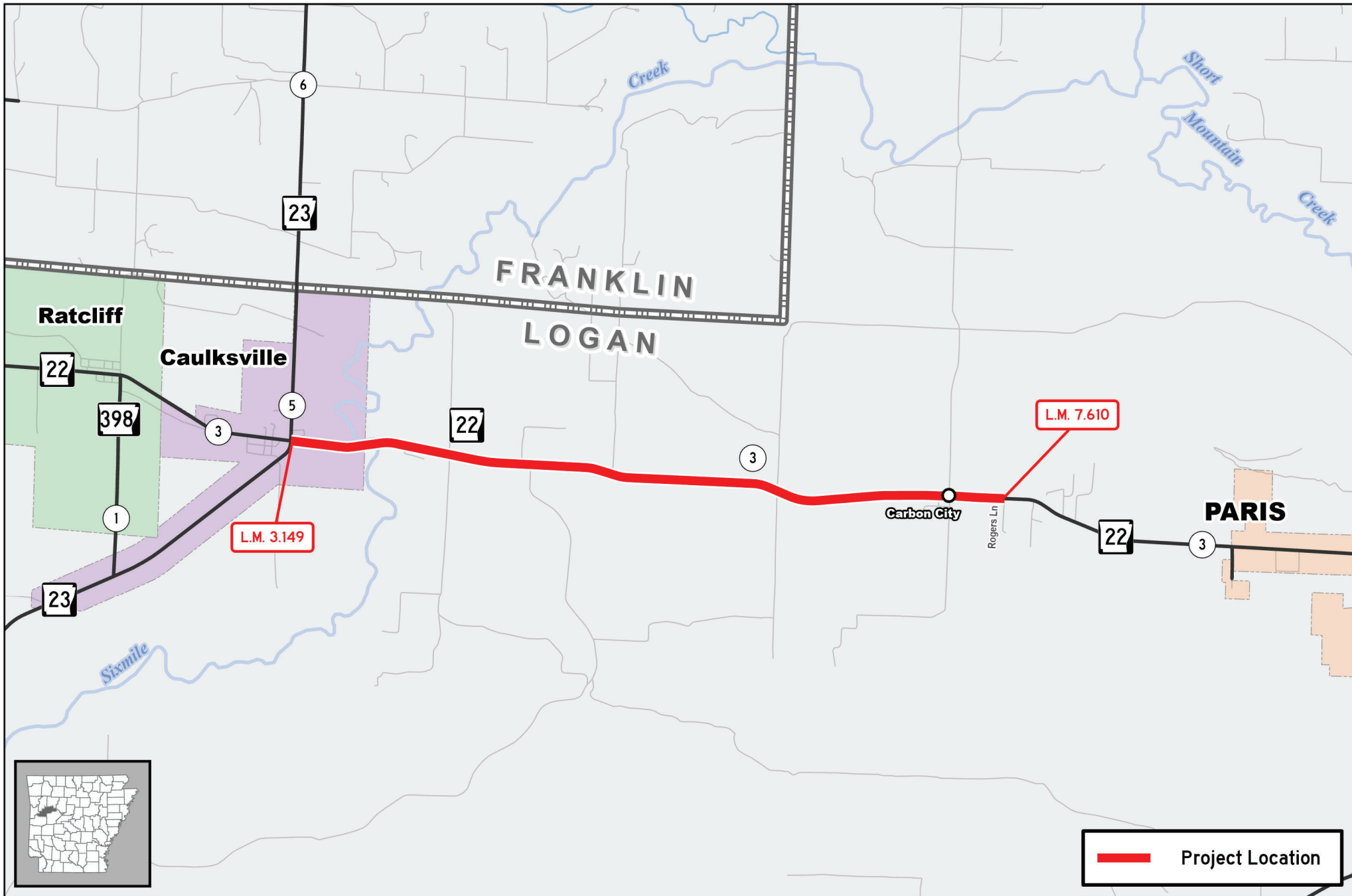
Job A80031

Hwys. 9 & 64 Impvts. (Sel. Secs.) (S)

Hwy. 9, Secs. 6, 7 & 8
 Hwy. 64, Sec. 7
 Conway & Perry Counties

 Project Location





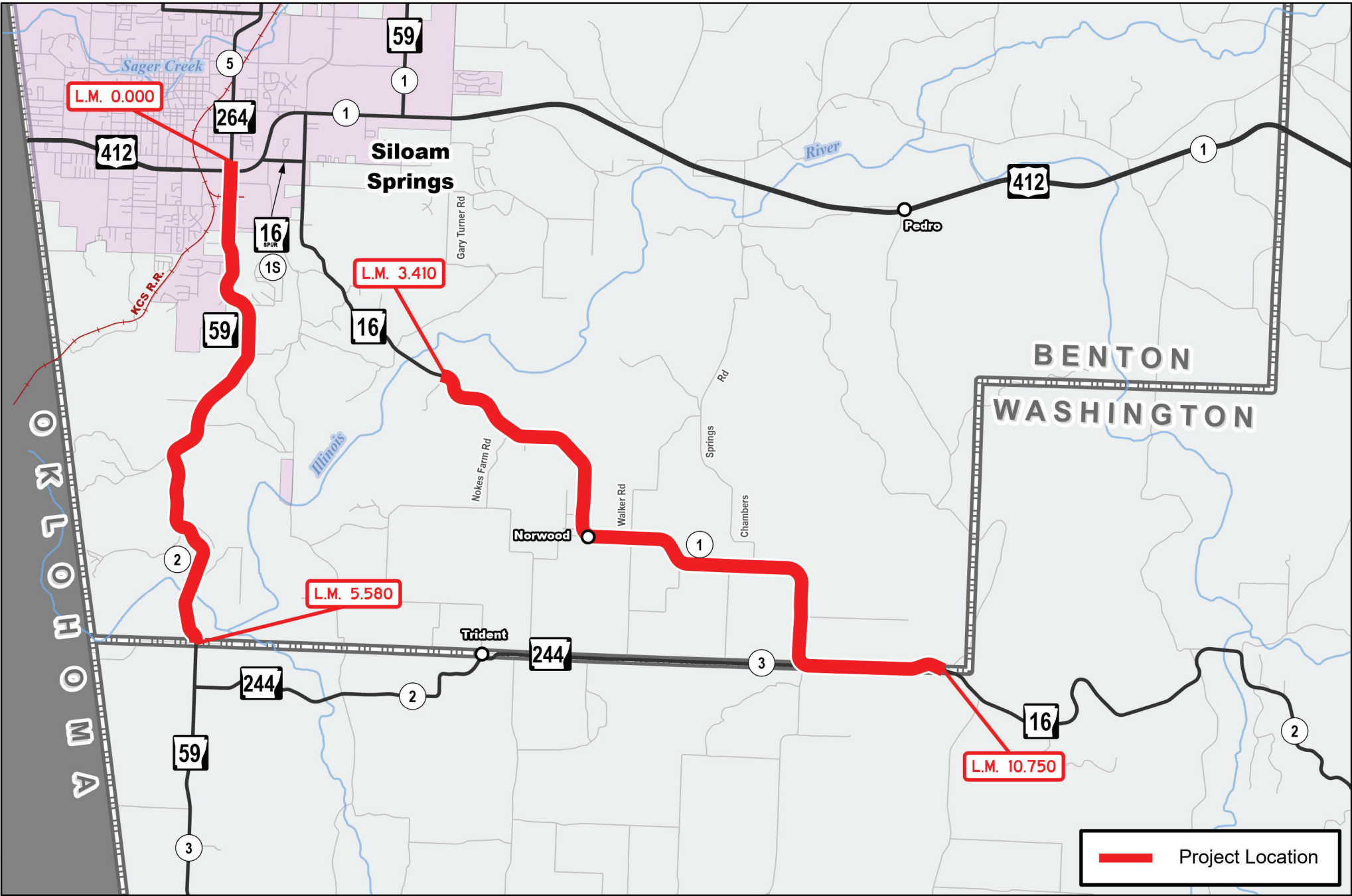
Job A80034

Hwy. 23 – Carbon City (S)

Hwy. 22, Sec. 3
Logan County

AR DOT
ARKANSAS DEPARTMENT OF TRANSPORTATION

0 0.25 0.5 1
Mile

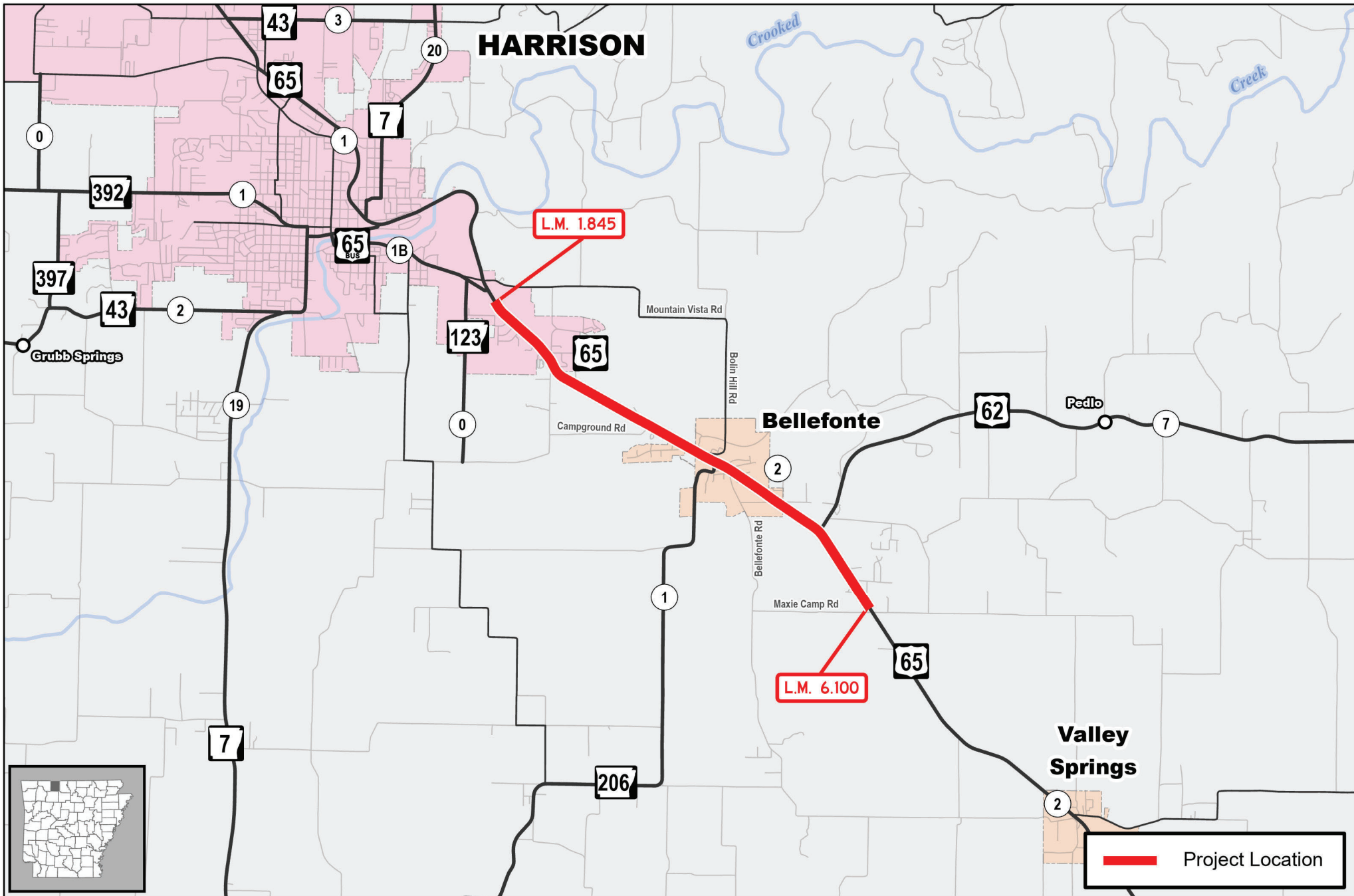


Job A90024
Hwys. 16 & 59 (Sel. Secs.) (S)
 Hwy. 16, Sec. 1
 Hwy. 59, Sec. 2
 Benton County

PM: PS: cp44759: 9/7/2023

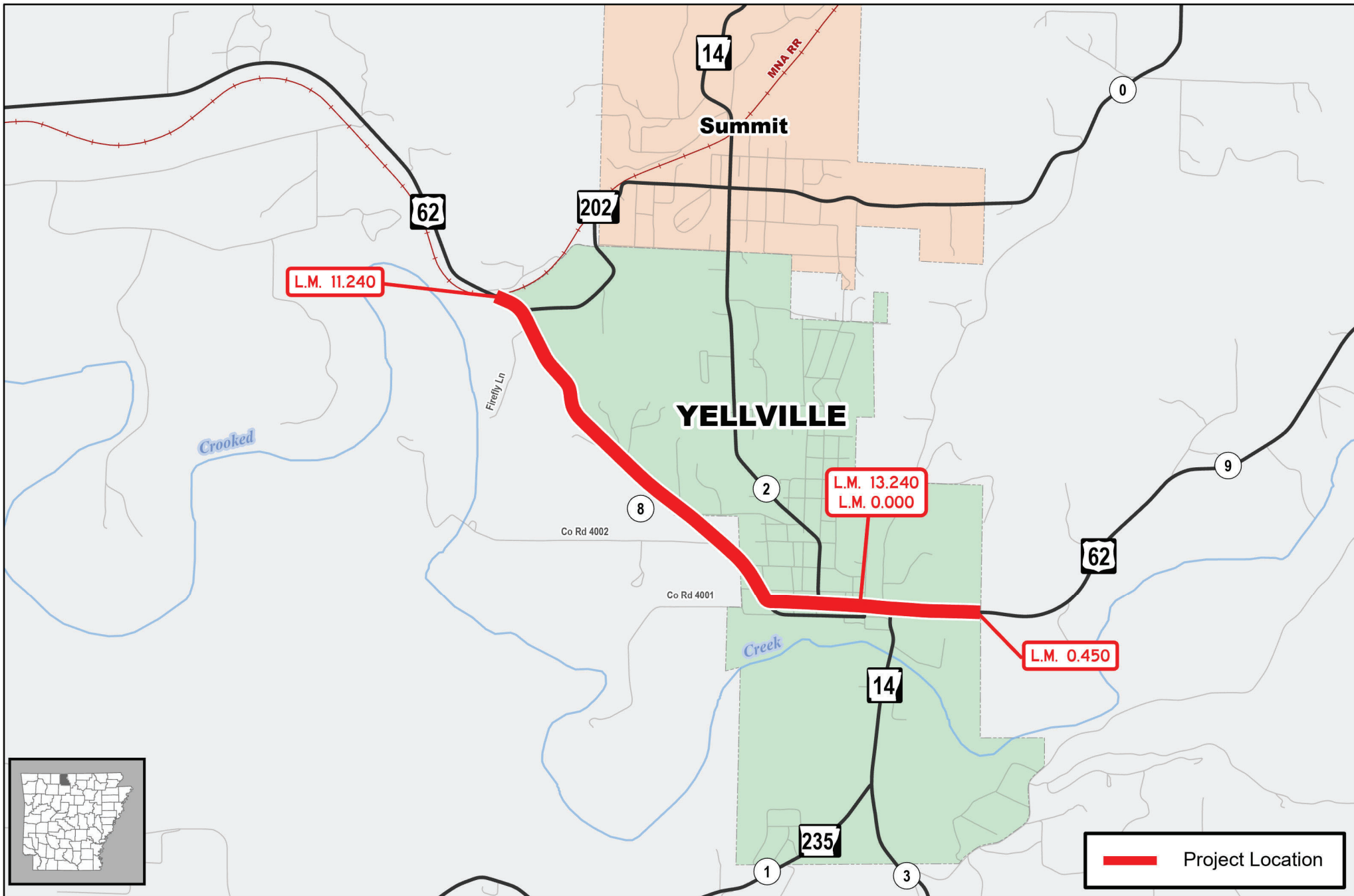


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Job A90025
Hwy. 65B – Maxie Camp Rd. (S)
 Hwy. 65, Sec. 2
 Boone County

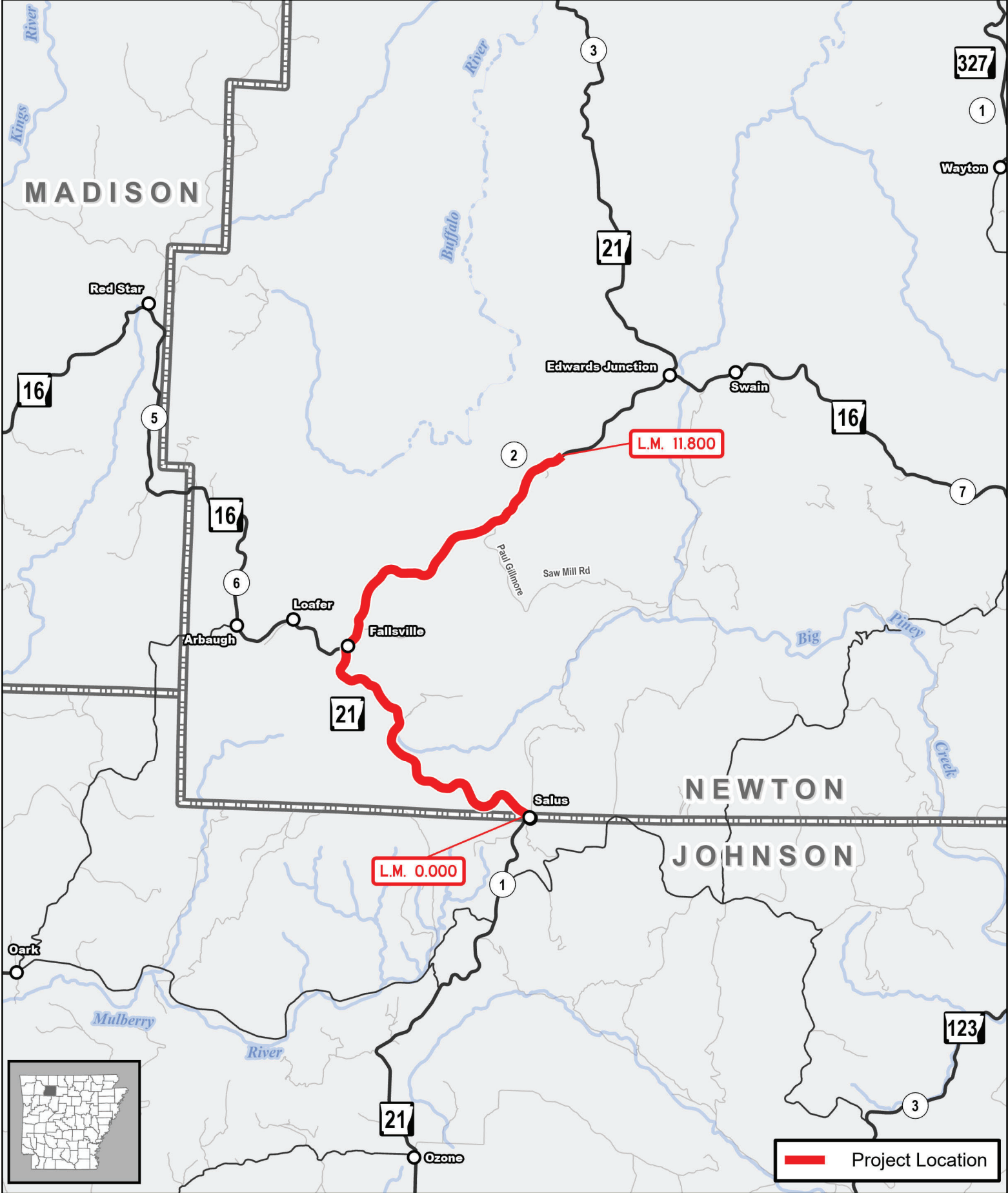




Job A90027
W. of Hwy. 202 – E. of Hwy. 14 (Yellville) (S)
 Hwy. 62, Secs. 8 & 9
 Marion County

 Project Location



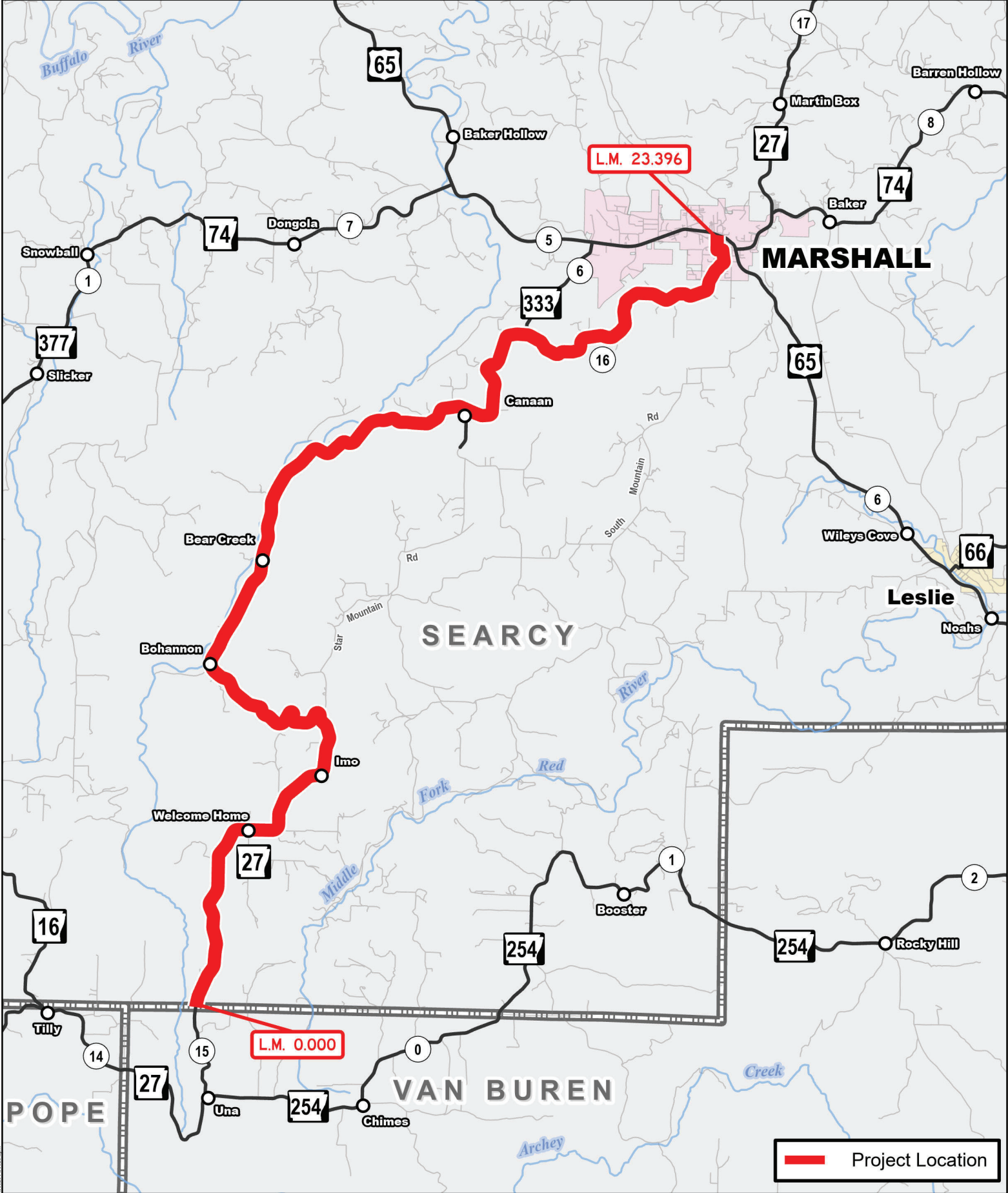


Job A90028

Johnson Co. Line - North (S)

Hwy. 21, Sec. 2
Newton County





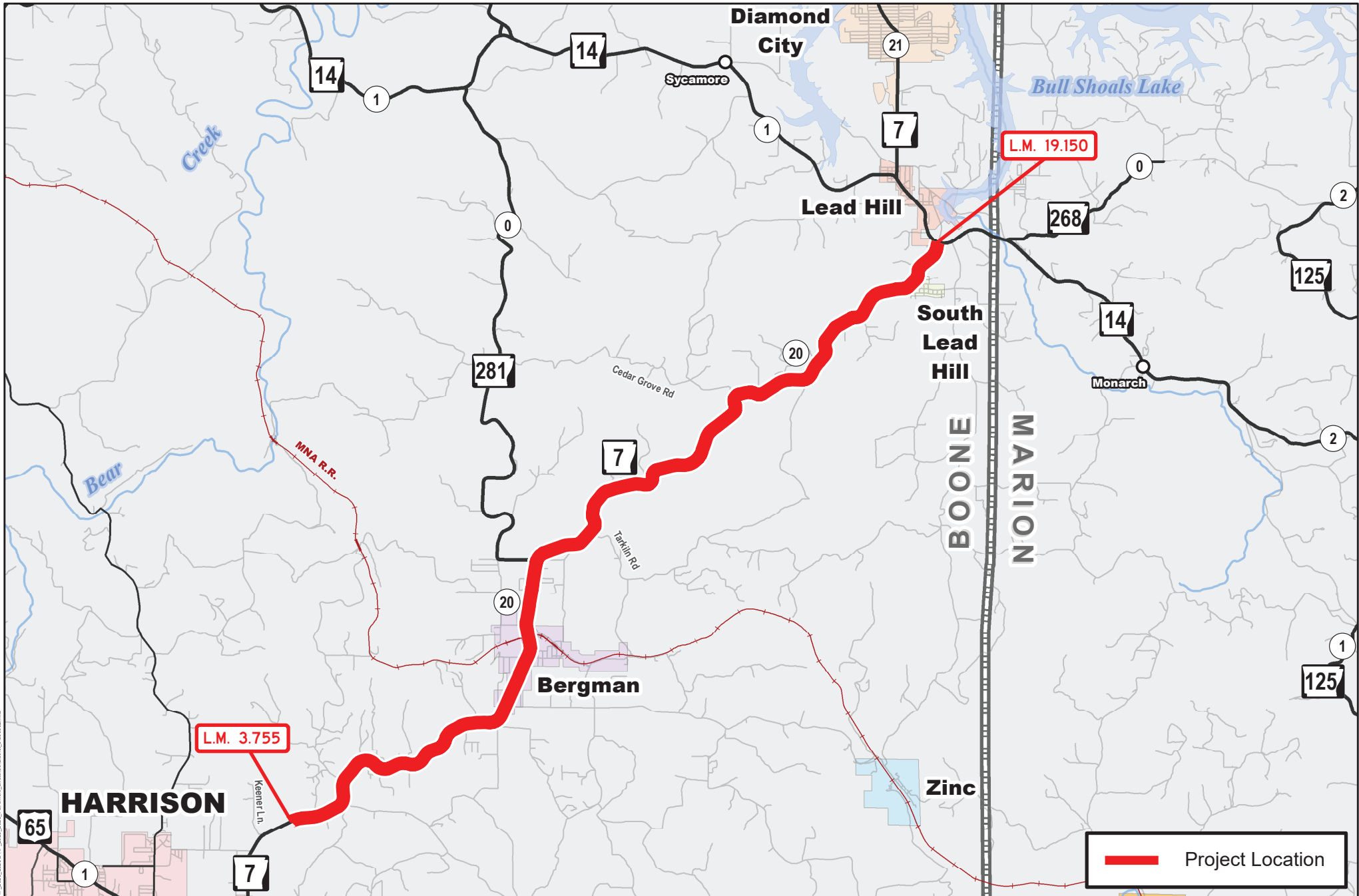
Job A90029
Van Buren Co. Line – Hwy. 65 (S)
 Hwy. 27, Sec. 16
 Searcy County



PM: PS: cp44759: 9/7/2023



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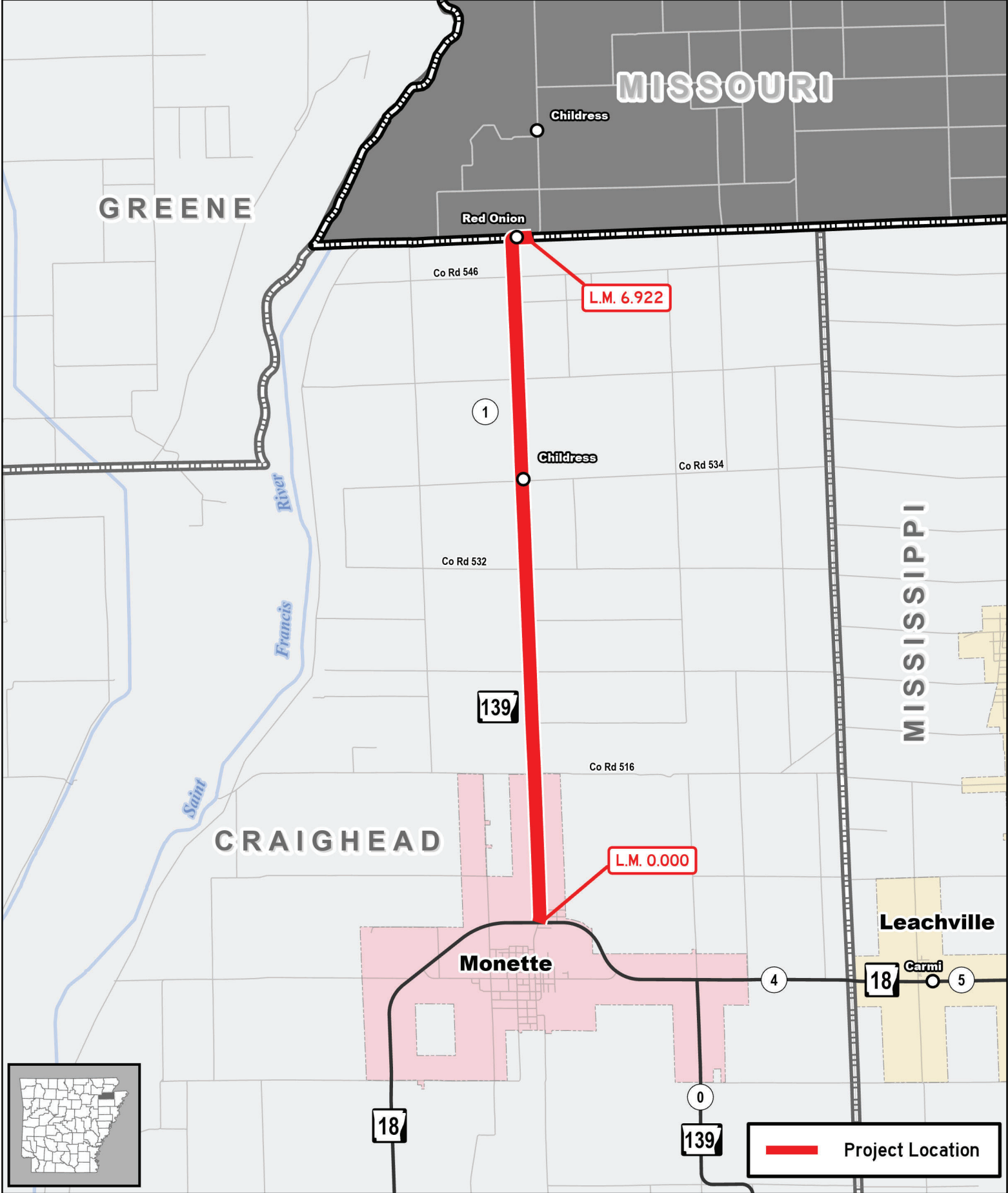
Job 090602
Harrison – Lead Hill (S)
 Hwy. 7, Sec. 20
 Boone County



PM: PS: JL40961: 4/22/2021



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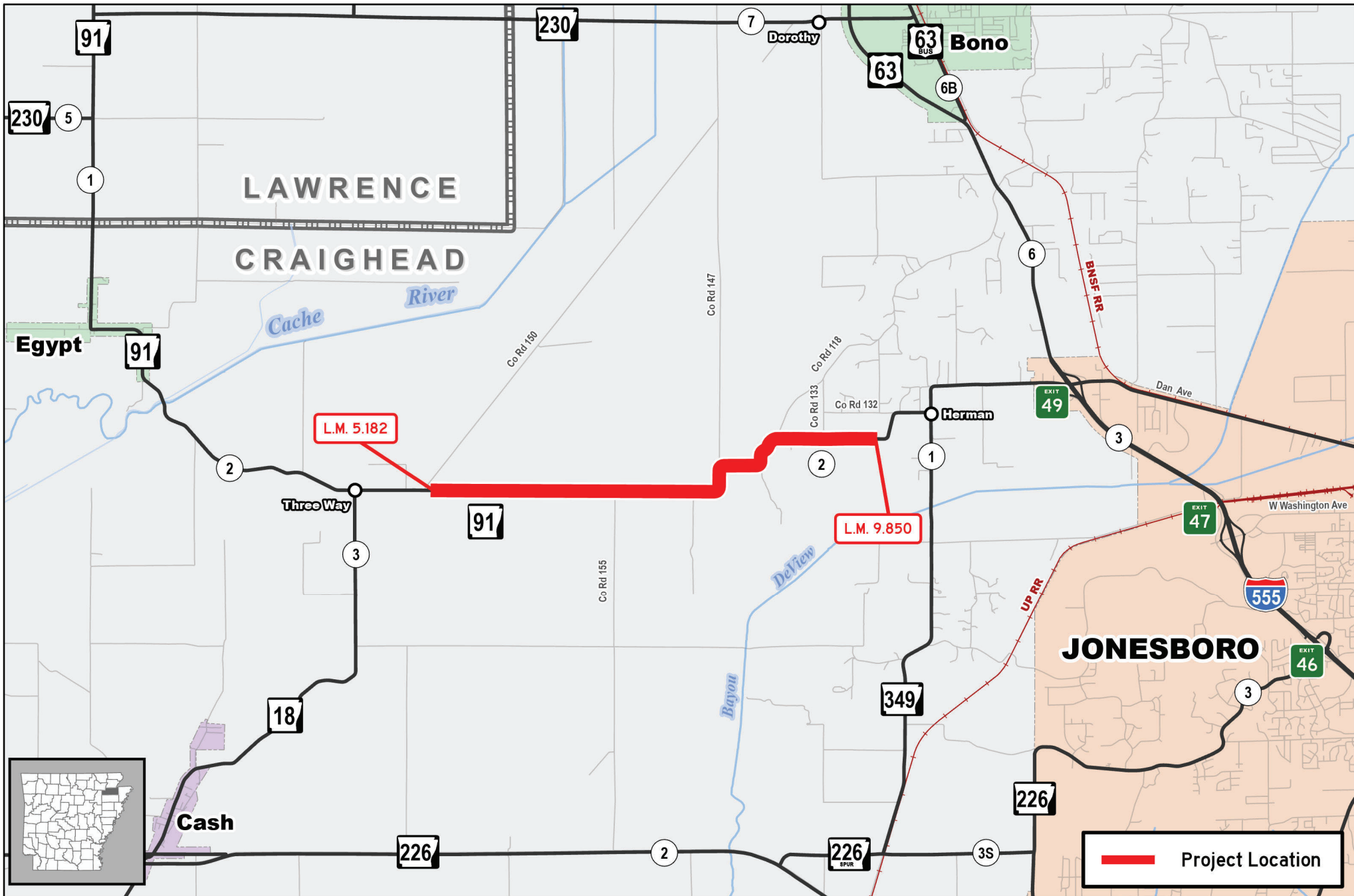


Job A00058

Monette – Missouri State Line (S)

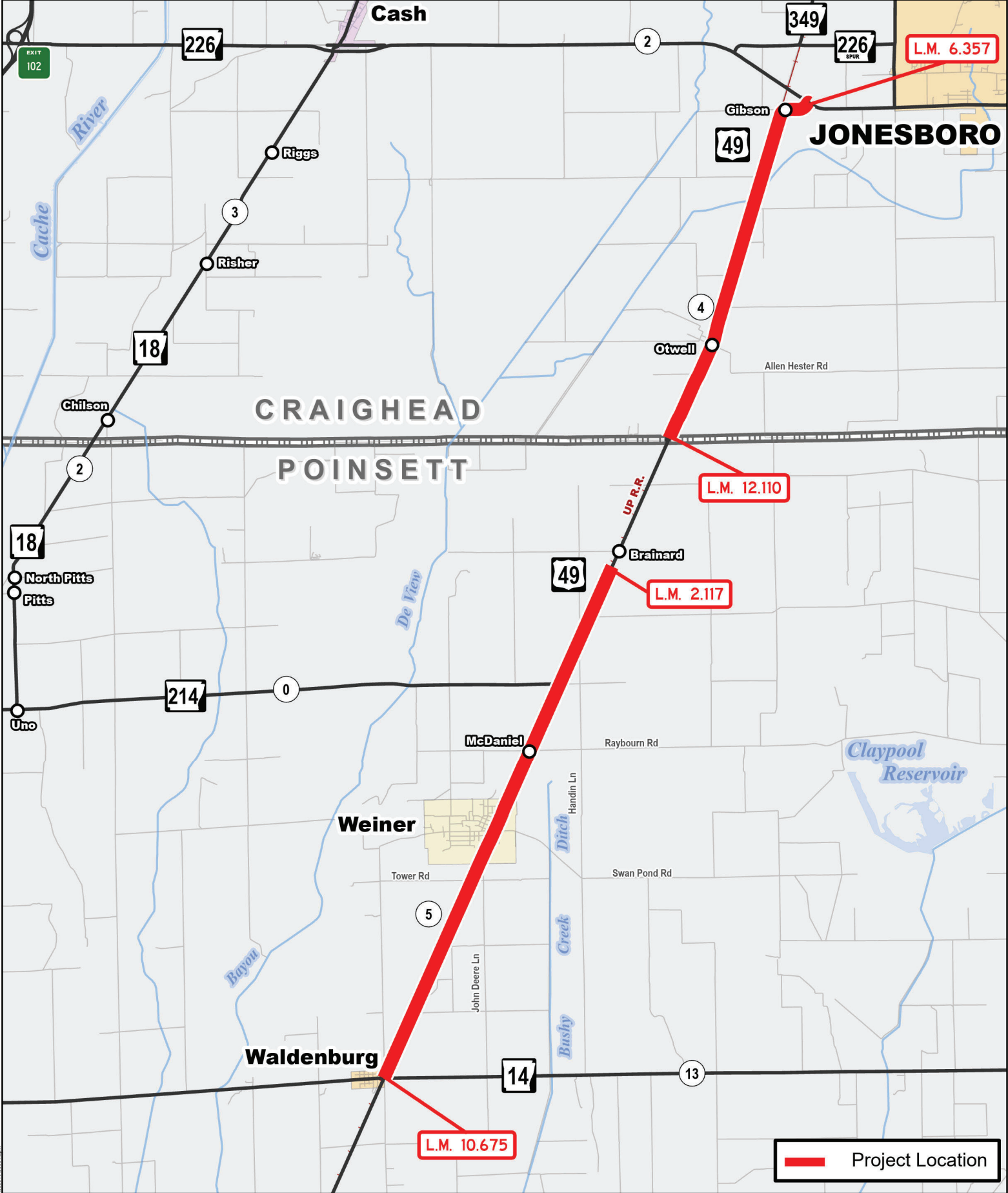
Hwy. 139, Sec. 1
Craighead County





Job A00059
Co. Rd. 150 – W. of Co. Rd. 132 (S)
Hwy. 91, Sec. 2
Craighead County





Job A00061

Hwy. 226 – Hwy. 14 (Sel. Secs.) (S)

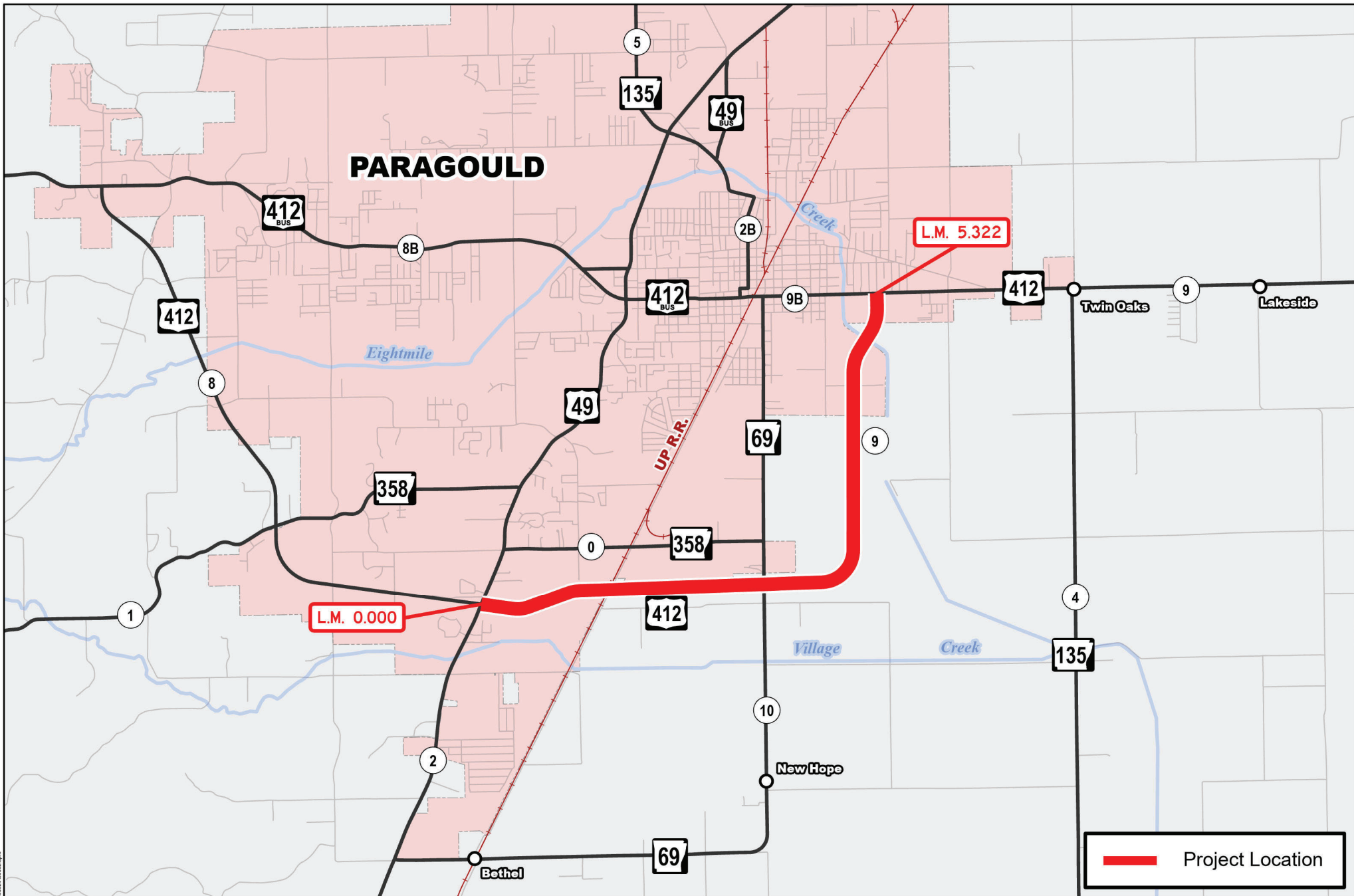
Hwy. 49, Secs. 4 & 5

Craighead & Poinsett Counties



PM: PS: cp44759; 9/7/2023





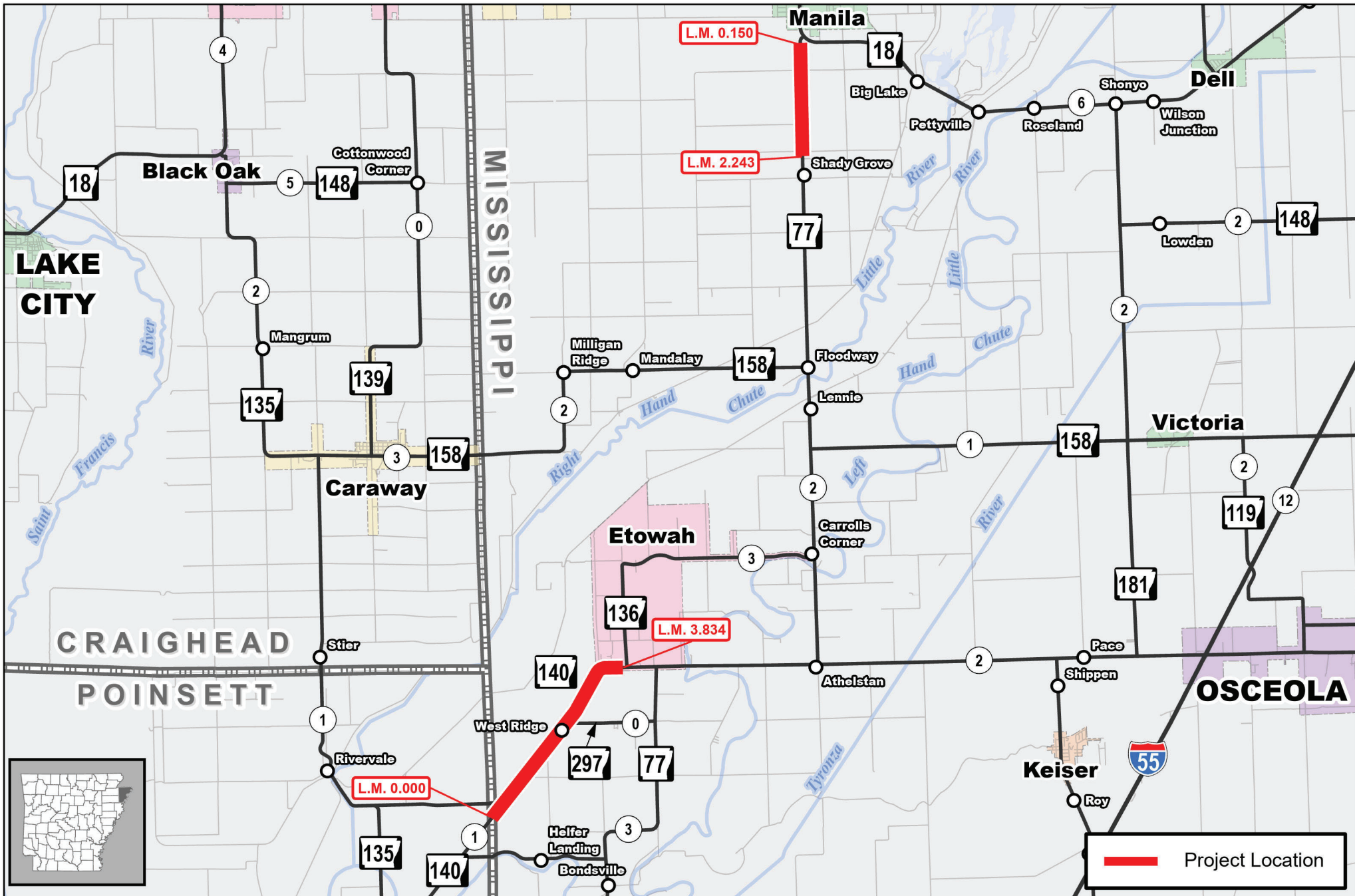
Job A00062
Hwy. 49 – Hwy. 412B (S)
Hwy. 412, Sec. 9
Greene County



PM: PS: cp44759: 9/7/2023

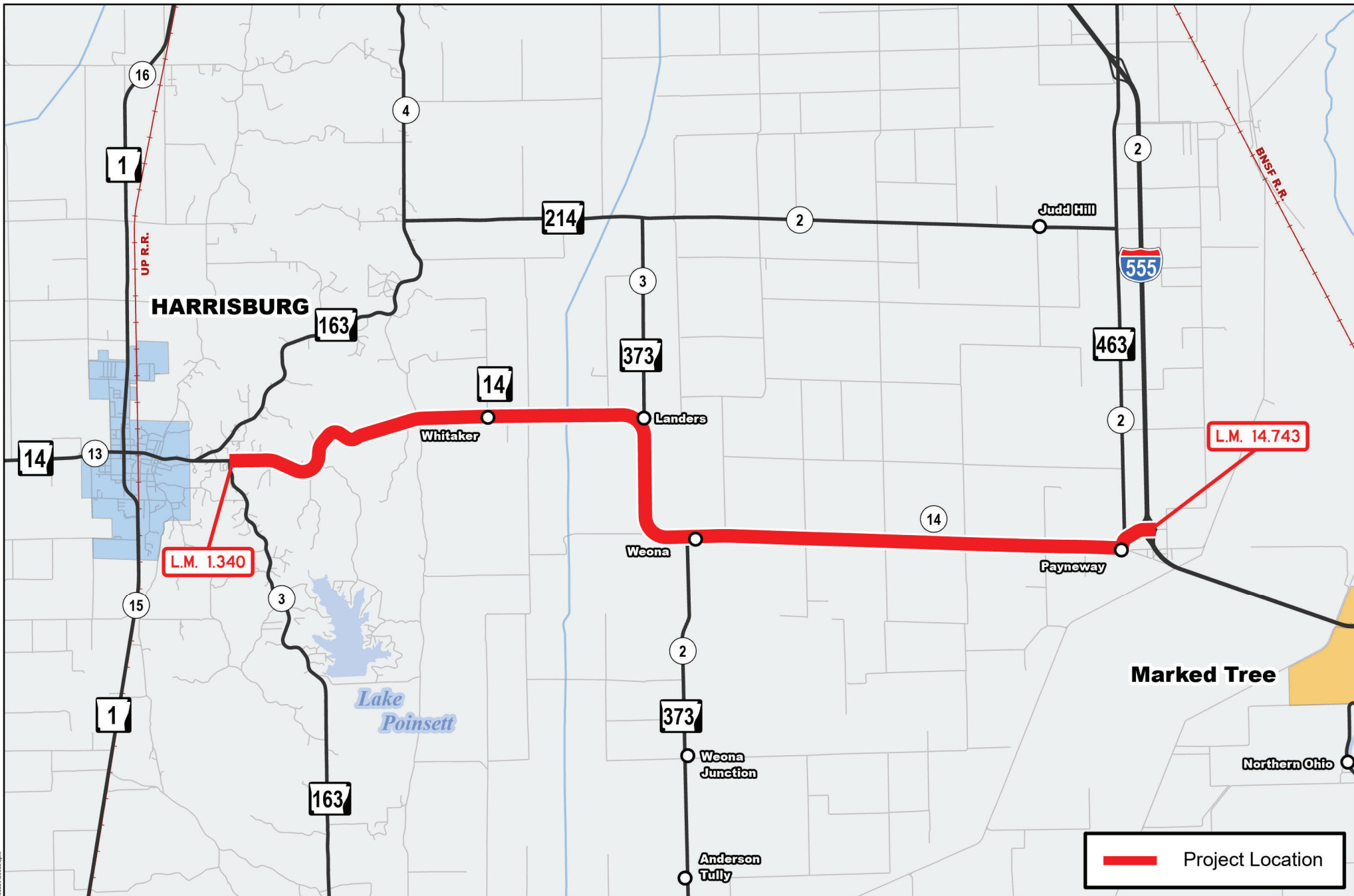


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Job A00063
Hwys. 77 & 140 Impvts. (Mississippi Co.) (S)
 Hwy. 77, Sec. 2
 Hwy. 140, Sec. 2
 Mississippi County





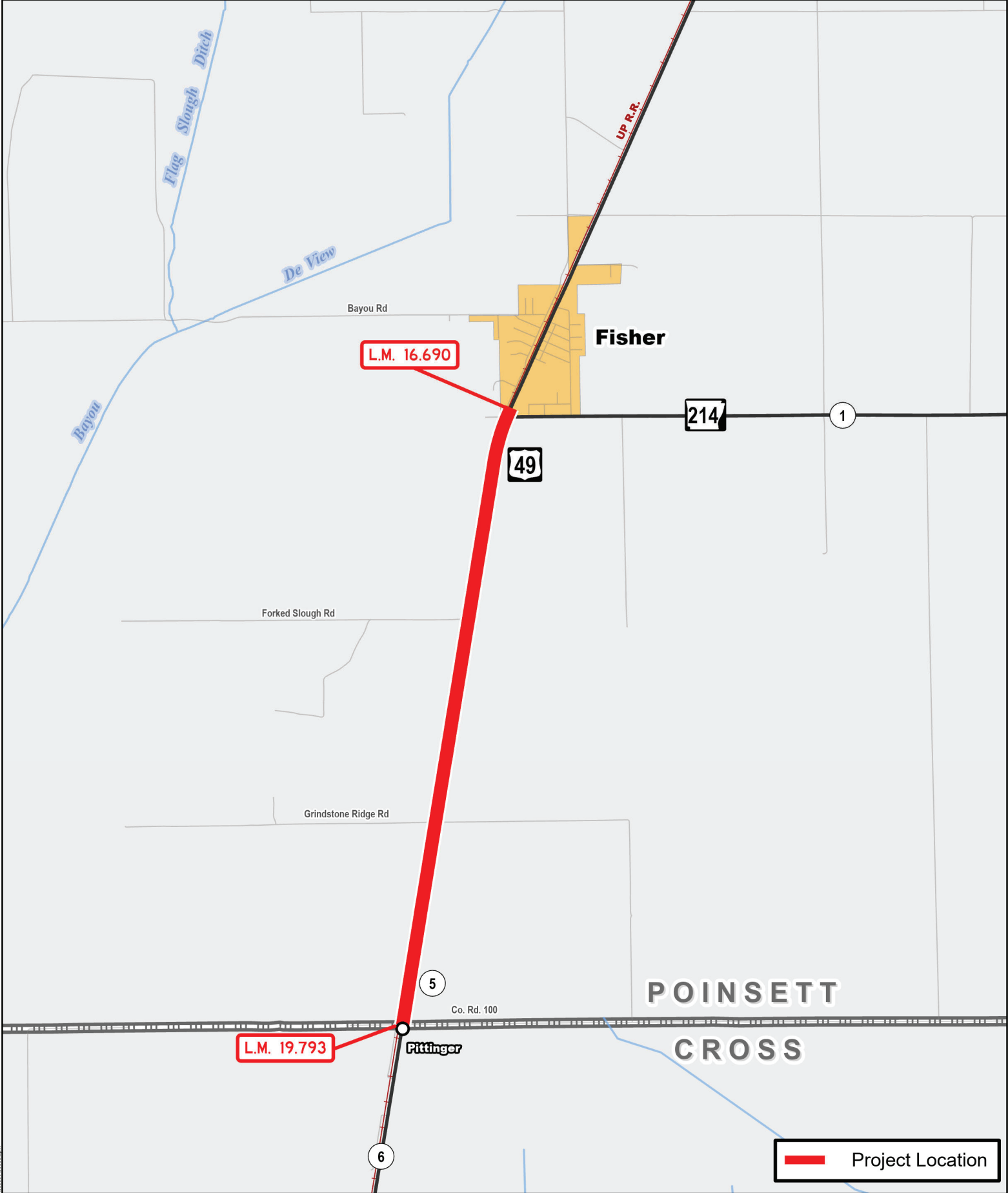
Job A00065
Hwy. 163 – I-555 (S)
Hwy. 14, Sec. 14
Poinsett County



PM: PS: cp44759: 9/7/2023

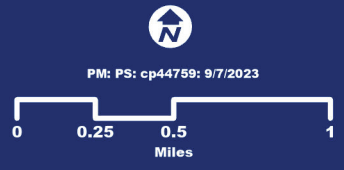


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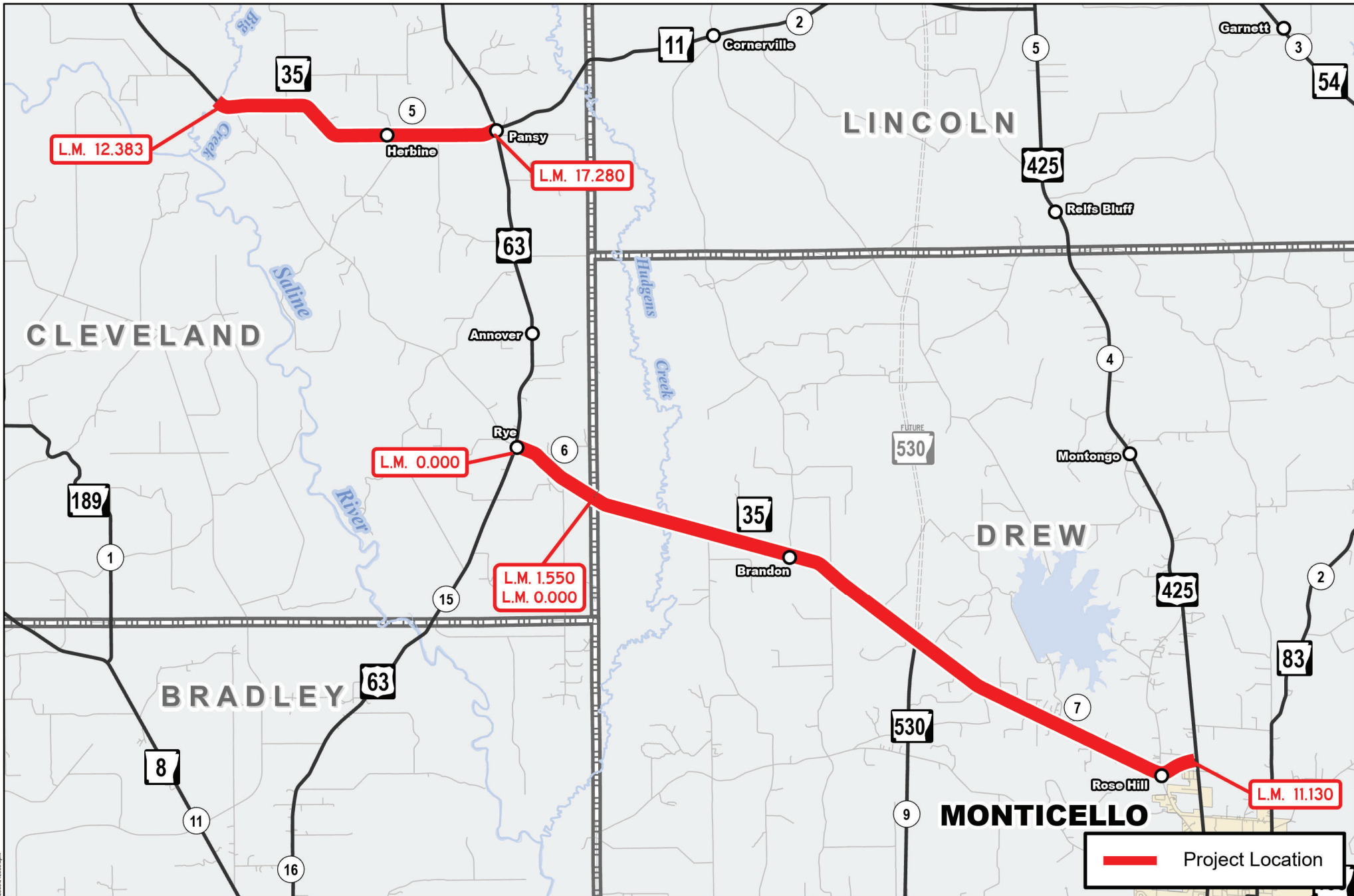


 Project Location

Job A00066
Hwy. 214 – Cross Co. Line (S)
 Hwy. 49, Sec. 5
 Poinsett County



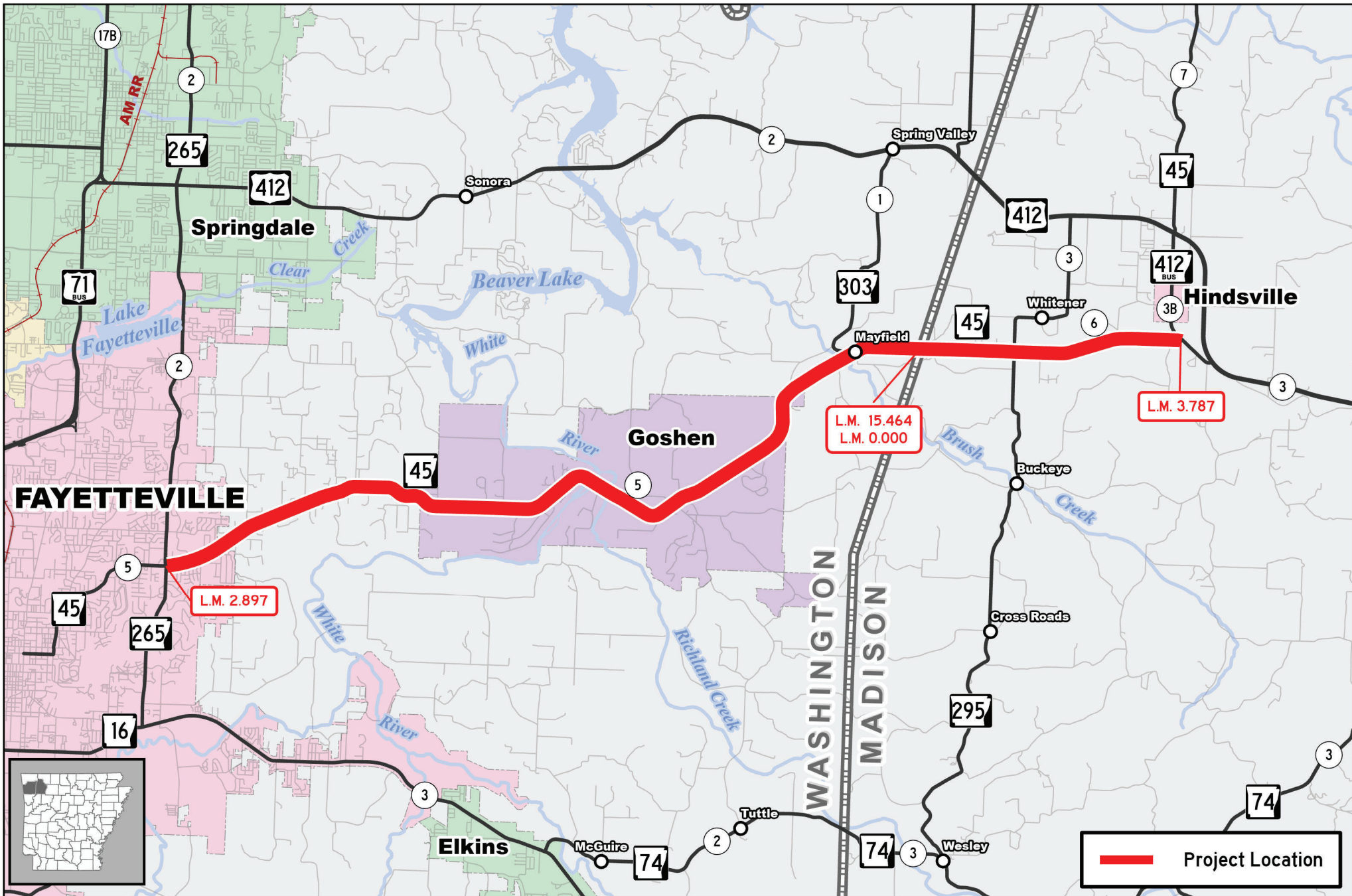
Document File: hwy49/Programs/Contract/Sheet/JobA00066/JobA00066_2023



Job AX0005
Big Creek – Hwy. 425 (Sel. Secs.) (S)
 Hwy. 35, Secs. 5, 6, & 7
 Cleveland & Drew Counties



Document Path: Item\Program\Contract\Subcontract\013535\013535.dwg



Job AX0006

Hwy. 265 – Hwy. 412B (S)

Hwy. 45, Secs. 5 & 6
Madison & Washington Counties



District	New Job Number	Previous Job Number	FAP	Job Name	County	Route/Section	Scope	Length of Job (mi.)
6	A60040	061668	NHPP-0059(22)	Arkansas Co. Line - Monroe Co. Line (S)	Prairie	79/12	Mill & Overlay	4.38
6	A60041	061672	NHPP-9315(65)	I-40 - McCain Blvd. (NLR) (Sel. Secs.) (S)	Pulaski	107/1	Mill & Inlay	0.86
6	A60042	061678	STPF-0062(61)	Hwy. 35 - Hwy. 5 (S)	Saline	183/1	Rut Mill & 2" Overlay (LM 0-6.37); Mill & Inlay (LM 6.37-8.83)	8.83
6	A60044	061819	STPR-0059(23)	Hwy. 38 - White Co. Line (S)	Prairie	11/10	Mill & Overlay (LM 0-1.159); Spot Level & Overlay (LM 1.159-11.339)	11.34
6	A60046	N/A	STPSC-9210(50)	Hwy. 70B - Hwy. 7 (Hot Springs) (S)	Garland	7/9S	2" Overlay	1.54
7	A70026	070529	STPR-1020(2)	Sparkman - Hwy. 51 (S)	Clark & Dallas	7/6 & 5	Spot Level & Overlay; Add 2' Shoulders	20.74
7	A70027	070548	STPR-0020(30)	Hwy. 9 - Fordyce (S)	Dallas	273/1	1" Level Up & Overlay with Patching	15.25
7	A70029	070556	NHPP-0070(54)	Columbia Co. Line - Airport Dr. (S)	Union	82/5	1" Level Up & Overlay with Joint Tape	10.75
7	A70030	070558	NHPP-0070(49)	Strong - Ouachita River (Sel. Secs.) (S)	Union	82/7	1" Level Up & UTBWC; Spot Leveling; Shoulder Patching; Rumble Strips	8.39
7	070537	N/A	HSIP-0013(23)	Hwy. 35 - Hwy. 63 (S)	Cleveland	114/0	Spot Leveling, Patching & 1.5" Overlay; Add 2' Shoulders	8.4
8	A80028	080640	STPLC-9095(48)	Hwys. 60, 64 & 65B Impvts. (Sel. Secs.) (Conway) (S)	Faulkner	60/0 64/8 65/9B	Mill & Inlay (Hwy. 60); Mill & Inlay/Overlay (Hwy. 64 & 65B); Rumble Stripes	9.43
8	A80030	080680	STPSC-9379(33)	Lake Dardanelle State Park - Hwy. 7 (Russellville) (S)	Pope	326/1	Resurfacing; Shoulder Widening (where applicable)	5.11
8	A80031	080698	STPF-1553(6)	Hwys. 9 & 64 Impvts. (Sel. Secs.) (S)	Conway & Perry	9/6, 7, & 8 64/7	2" Mill & 2" Overlay	36.88
8	A80032	080708	NHPP-0058(65)	Hwys. 247, 331 & 363 Impvts. (Pottsville & Russellville) (S)	Pope	247/0 331/1 363/1	UTBWC (Hwy. 247); Mill & Inlay (Hwy. 331); 2" Mill & Overlay (Hwy. 363)	9.19
8	A80034	040911	STPR-0042(21)	Hwy. 23 - Carbon City (S)	Logan	22/3	2" Mill & Overlay	3.3
9	A90024	090592	HSIP-STPR-0004(93)	Hwys. 16 & 59 (Sel. Secs.) (S)	Benton	16/1 59/2	2" Overlay (Hwy. 59 & Hwy. 412 Ramps); 2" Overlay & 2' Shoulders (Hwy. 16); Rumble Strips/Stripes	12.92
9	A90025	090608	NHPP-0005(55)	Hwy. 65B - Maxie Camp Rd. (S)	Boone	62/2	UTBWC	4.26
9	A90026	090612	STPR-0008(51)	Hwy. 62 - Missouri State Line (S)	Carroll	143/1	2" Overlay; Leveling & Minor Patching; 2' Shoulders (LM 0.00-2.30)	10.08
9	A90027	090615	NHPP-0045(44)	W. of Hwy. 202 - E. of Hwy. 14 (Yellville) (S)	Marion	62/8 & 9	2" Overlay	2.45
9	A90028	090617	STPR-0051(29)	Johnson Co. Line - North (S)	Newton	21/2	UTBWC	11.8

District	New Job Number	Previous Job Number	FAP	Job Name	County	Route/Section	Scope	Length of Job (mi.)
9	A90029	090619	STPR-0064(18)	Van Buren Co. Line - Hwy. 65 (S)	Searcy	27/16	UTBWC; Leveling & Patching	23.4
9	090602	N/A	HSIP-0005(58)	Harrison - Lead Hill (S)	Boone	7/20	Mill & Overlay (LM 3.76-9.15); 2" Overlay, Leveling & Patching (LM 9.15-19.15); 2' Shoulders	15.4
10	A00058	101069	STPR-0016(96)	Monette - Missouri State Line (S)	Craighead	139/1	Leveling & Thin Overlay	6.92
10	A00059	101074	HSIP-STPR-0016(92)	Co. Rd. 150 - W. of Co. Rd. 132 (S)	Craighead	91/2	Leveling & Thin Overlay; 2' Shoulders	4.67
10	A00061	101081	NHPP-1656(6)	Hwy. 226 - Hwy. 14 (Sel. Secs.) (S)	Craighead & Poinsett	49/4 & 5	Leveling & 2" Overlay; Rumble Strips	14.31
10	A00062	101086	NHPP-0028(68)	Hwy. 49 - Hwy. 412B (S)	Greene	412/9	UTBWC (LM 0-2.68); UTBWC w/ Leveling (LM 2.68-5.32)	5.32
10	A00063	101094	STPR-0047(92)	Hwys. 77 & 140 Impvts. (Mississippi Co.) (S)	Mississippi	77/2 140/2	Level Up & 2" Overlay, 2' Shoulders (Hwy. 77); 1" Level Up & Overlay (Hwy. 140)	5.92
10	A00065	101104	STPR-0056(65)	Hwy. 163 - I-555 (S)	Poinsett	14/14	Leveling & Thin Overlay	13.4
10	A00066	101105	STPF-0056(62)	Hwy. 214 - Cross Co. Line (S)	Poinsett	49/5	Leveling & Thin Overlay; Rumble Stripes	3.1
Inter-District	AX0005	012363	STPR-1323(3)	Big Creek - Hwy. 425 (Sel. Secs.) (S)	Cleveland & Drew	35/5, 6, & 7	Spot Level & 2" Overlay; Add 2' Shoulders (Sec. 5)	17.58
Inter-District	AX0006	012473	STPF-4472(1)	Hwy. 265 - Hwy. 412B (S)	Madison & Washington	45/5 & 6	2" Mill & 2" Overlay	16.36



INTEROFFICE MEMORANDUM

May 20, 2021

TO: Job File

M H

FROM: M. Hughes, Cultural Resources

SUBJECT: Cultural Resources Clearance
Job Number 110740
I-555 – Hwy. 50 (S)
Route 77, Section 5
Crittenden County

This job proposes to apply a 1" overlay or UTBWC to 5.89 miles of Highway 77 in Crittenden 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 110746
Hwy. 50 – Hwy. 70 (S)
Route 147, Section 1
Crittenden County

This job proposes to apply a 1" overlay or UTBWC to 10.11 miles of Highway 147 in Crittenden 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 110750
Hickory Ridge – Gum Slough (S)
Route 42, Section 2
Cross County

This job proposes to apply a 1" level up and sealing to 3.56 miles of Highway 42 in Cross 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 110757
Hwy. 49 – Hwy. 243 (Sel. Secs.) (S)
Route 1, Sections 8, 9, 9B & 10
Lee and Phillips Counties

This job proposes to apply a mill & overlay and fog seal to 18.62 miles of Highways 1 and 1B in Lee and Phillips 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.



INTEROFFICE MEMORANDUM

August 23, 2023

TO: Environmental Job File
M H

FROM: M. Hughes, Cultural Resources

SUBJECT: Cultural Resources Clearance
Job 110774
Prairie Co. Line – Hwy. 79B (S)
Route 79, Section 13
Monroe County

This job proposes to 1" level up and apply UTBWC to 4.38 miles of Highway 79 in Monroe County. There will be coordination with Union Pacific Railroad at log mile 8.09, which passes under Highway 79.

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
Shea Lewis
Secretary

October 20, 2023

Mr. John Fleming
Division Head
Environmental Division
Arkansas Department of Transportation
10324 Interstate 30
Little Rock, AR 72203-2261

RE: Phillips County: General
Section 106 Review: FHWA
Proposed Undertaking: Hwys. 44 & 318 Impvts. (Phillips Co.) (S)
Route 44, Section 3
Route 318, Section 3
ArDOT Job Number: 110779
AHPP Tracking Number: 111570

Dear Mr. Fleming:


The staff of the Arkansas Historic Preservation Program (AHPP) has reviewed the submission for the above-referenced undertaking in multiple sections for Township 3 South, Range 3 East and Township 4 South, Ranges 1, 2, and 3 East Phillips County. The project proposes to make improvements, including spot leveling, asphalt overlay, and construction of 2-foot wide paved shoulders on Highway 44 between Lakeview and Elaine. It also proposes to level up and add a 2-inch asphalt overlay on Highway 318. A total of 11.47 miles are included in the area of potential effect (APE). There are numerous previously recorded archeological sites near the APE, two of which (3PH0048 and 3PH0505) are immediately adjacent to the project. Both of these sites have the potential for human remains. Two National Register of Historic Places (NRHP) listed properties are also adjacent to the APE (PH0571 and PH0234). PH0571 is Lee Grocery located in Elaine and PH0234 is the Lakeview Resettlement Project Historic District. All construction will be contained within the rights-of-way (ROW) for Highways 44 and 318 and no new rights-of-way are needed.

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 of the surveyed portions of the APE. We concur that sites 3PH0048 and 3PH0505 will not be affected as long as all construction is contained with the existing ROW. We also concur that PH0571 and PH0234 will not be affected if all work is contained within the existing ROW. In the event of a post-review discovery of historic properties within the area of

potential effects, please contact the AHPP and other consulting parties in accordance with 36 CFR § 800.13(b)(3).

Thank you for the opportunity to review this submission. Please refer to the AHPP Tracking Number listed above in all correspondence. If you have any questions, please call Jessica Cogburn of my staff at 501-324-9357 or email jessica.cogburn@arkansas.gov.

Sincerely,
Jessica H.
Cogburn

 Digitally signed by Jessica
H. Cogburn
Date: 2023.10.20
10:07:06 -05'00'

for
Scott Kaufman
State Historic Preservation Officer and Director, AHPP

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



INTEROFFICE MEMORANDUM

June 14, 2023

TO: Environmental Job File

M H

FROM: M. Hughes, Cultural Resources

SUBJECT: Cultural Resources Clearance
Job 110781
Hwy. 39 – Hwy. 1 (Sel. Secs) (S)
Route 49, Section 10
Phillips County

This job proposes to 1" level up & apply UTBWC to almost 2.0 miles of Highway 49 in Phillips County. All work will take place on existing paved surfaces.

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



INTEROFFICE MEMORANDUM

August 25, 2023

TO: Environmental Job File

FROM: Milton Hughes, Cultural Resources ^{MH}

SUBJECT: Cultural Resources Clearance
Job 110784
Co. Rd. 300 – Hwy. 1 (Sel. Secs.) (S)
Route 242, Sections 0 and 1
Phillips County

This job proposes to apply UTBWC and add 2' paved shoulders to select sections of 9.88 miles of Highway 242 in Phillips County. There will be railroad involvement at Arkansas Midland Railroad at log mile 9.16.

A standard records review was conducted and included a review of the Arkansas Archaeological Survey's (ARAS) and the Arkansas Historic Preservation Program's (AHPP) databases; the General Land Office (GLO) plat for Township 1 North, Range 3 West; the 1936 Phillips County highway map, and the 7.5' 1941 and 1959 Lexa, ARK topographic maps.

The records check of the ARAS site database showed that there are four previously recorded sites around the project (Table 1). The records check at the AHPP databases showed four properties within 80 meters of the project limits (Table 2).

The 1846 and 1856 GLO plats show that roads were near the project alignment in Sections 22 and 30. The Polly Dots Cemetery is shown on the 7.5' Lexa, ARK topographic map near the southern end of the project in Helena-West Helena, and the Busby Cemetery is shown on the north side of the highway at Southland, about 4.2km east of Lexa. The 1936 Phillips County highway map shows numerous structures along the project. All work will take place on existing paved travel surfaces or existing graveled shoulders. None of the properties, sites or potential sites noted in Tables 1 and 2 will be affected.

Table 1. Recorded Sites.

Site Number	Type	Location	Impact
3PH0109	Native American	20 meters south	none
3PH0473	19 th /20 th Cen. Hist.	adjacent	none
3PH0080	Native American	35 meters south	none
3PH0144	Native American	45 meters west	none

Table 2. Recorded Structures.

AHPP Property	Location	AHPP Status	Impact
PH0523	adjacent	unknown	none
PH0522	80M south	unknown	none
PH0467	43M west	eligible	none
PH0506	35M east	ineligible	none

The existing road infrastructure, known construction practices, existing utilities, and aerial imagery were examined to assess previous ground disturbance limits. All work will be within the existing ROW on paved travel surfaces or graveled shoulders. This type of undertaking will not affect historic properties. This project is subject to the 2021 Programmatic Agreement and falls under Activities 2 and 11 of Appendix C. The project requires no Section 106 review.



INTEROFFICE MEMORANDUM

May 20, 2021

TO: Job File

M H

FROM: M. Hughes, Cultural Resources

SUBJECT: Cultural Resources Clearance
Job Number 110793
Hwy. 260 – Hwy. 64 (S)
Route 33, Section 7
Woodruff County

This job proposes to apply 1" overlay or UTWBC to 3.03 miles of Highway 33 in Woodruff 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 110794
Prairie Co. Line – Hwy. 17 (S)
Route 38, Section 2
Woodruff County

This job proposes to apply 1" overlay or UTWBC to 6.26 miles of Highway 38 in Woodruff 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

August 24, 2023

TO: Environmental Job File

M H

FROM: M. Hughes, Cultural Resources

SUBJECT: Cultural Resources Clearance
Job 110795
North of Hunter – Monroe Co. Line (S)
Route 49, Section 7
Woodruff County

This job proposes to add 2" overlay to 7.1 miles of Highway 49 in Woodruff County. All work will take place on existing paved surfaces.


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.



INTEROFFICE MEMORANDUM

April 12, 2023

TO: Environmental Job File

FROM: Jason Eads, Cultural Resources Section


SUBJECT: Cultural Resources Clearance
Job 020735
Crossett – Fountain Hill (Sel. Secs.) (S)
Route 8, Section 13
Route 82, Section 8
Route 133, Section 1
Ashley County

This job proposes 13.2 miles of level up, overlay/inlay, and UTBWC, on select sections of Highways 8, 82, and 133, in Ashley 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

April 12, 2023

TO: Environmental Job File

FROM: Jason Eads, Cultural Resources Section


SUBJECT: Cultural Resources Clearance
Job 020742
Ashley Co. Line – Monticello (Sel. Secs.) (S)
Route 425, Sections 3 & 4
Drew County

This job proposes 11.99 miles of overlay and level up and mill and inlay on Highway 425, north and south of Monticello, in Drew 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.



INTEROFFICE MEMORANDUM

April 13, 2023

TO: Environmental Job File

FROM: Jason Eads, Cultural Resources Section


SUBJECT: Cultural Resources Clearance
Job 020756
Star City – Jefferson Co. Line (S)
Route 425, Sections 5 & 6
Lincoln County

This job proposes 13.8 miles of mill and inlay/overlay on Highway 425, from Star City to the Jefferson County Line, in Lincoln 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.



INTEROFFICE MEMORANDUM

July 13, 2022

TO: Job File

FROM: Richard Jenkins, Cultural Resources Section

SUBJECT: Cultural Resources Clearance
Job 030560
Hwy. 70 – Center Point (S)
Route 278, Section 3
Howard County

This job proposes 9.4 miles of level and overlay and adding 2' shoulders on Highway 278 from the north intersection of Highway 70 in Dierks to the south intersection of Highway 26 in Center Point in Howard County. No new right-of-way (ROW) will be acquired.

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 1842 General Land Office plat of Township 7 South, Range 28 West, and Township 8 South, Range 28 West, the 1936 Howard County highway map, and the 7.5' Dierks and Centerpoint topographic maps. The review of the ARAS and the AHPP databases and other resources identified one previously recorded cemetery near the project limits. Site 3HO166 (Fellowship Baptist Cemetery) is undetermined in its NRHP status. The cemetery will not be affected by this project. No other cultural resources were identified in or near the project limits.

The existing topography, aerial imagery, previous infrastructure, and 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 heavily disturbed areas in the existing ROW. The 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.



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 17, 2023

TO: Environmental Job File

FROM: Richard Jenkins, Cultural Resources Section 

SUBJECT: Cultural Resources Clearance
Job 030562
Ashdown – Hwy. 317 (S)
Route 32, Section 3
Little River County

This job proposes 7.0 miles of level and overlay with patching, on Highway 32 from the intersection of Highway 71 to the intersection of Highway 317, in Little River 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.



INTEROFFICE MEMORANDUM

July 13, 2022

TO: Job File

FROM: Richard Jenkins, Cultural Resources Section 

SUBJECT: Cultural Resources Clearance
Job 030567
Hwy. 296 North & South (State Line Rd.) (Texarkana) (S)
Route 71, Section 3
Miller County

This job proposes 1.33 miles of mill and overlay on Highway 71 from Log Mile 3.117 to Log Mile 4.444 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 Section 106 review.



INTEROFFICE MEMORANDUM

July 13, 2022

TO: Job File

FROM: Richard Jenkins, Cultural Resources Section 

SUBJECT: Cultural Resources Clearance
Job 030569
I-49 – East (S)
Route 196, Section 1
Miller County

This job proposes 3.95 miles of UTBWC and rumble strips on Highway 196 from Log Mile 1.791 to Log Mile 5.738 in Miller 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.



INTEROFFICE MEMORANDUM

July 13, 2022

TO: Job File

FROM: Richard Jenkins, Cultural Resources Section

SUBJECT: Cultural Resources Clearance
Job 030570
Hwy. 371 – Hwy. 29 (S)
Route 19, Section 5
Nevada County

This job proposes 8.59 miles of mill and overlay and rumble strips on Highway 19 from Log Mile 0.000 to Log Mile 8.586 in Nevada 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.



ARKANSAS DEPARTMENT OF TRANSPORTATION


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INTEROFFICE MEMORANDUM

August 17, 2023

TO: Environmental Job File

FROM: Richard Jenkins, Cultural Resources Section 

SUBJECT: Cultural Resources Clearance
Job 030571
I-30 – East (Sel. Secs.) (S)
Route 24, Section 5
Route 371, Section 4
Nevada County

This job proposes 15.85 miles of mill and inlay/overlay, on Highway 371 from Log Mile 2.756 to Log Mile 5.207 and on Highway 24 from Log Mile 0.100 to Log Mile 13.500, in Nevada 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

August 17, 2023

TO: Environmental Job File

FROM: Richard Jenkins, Cultural Resources Section 

SUBJECT: Cultural Resources Clearance
Job 030574
Hwy. 371 – Ouachita Co. Line (S)
Route 278, Section 7
Nevada County

This job proposes 10.76 miles of mill and overlay, on Highway 278 from Log Mile 12.491 to Log Mile 23.248, in Nevada 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.



INTEROFFICE MEMORANDUM

July 13, 2022

TO: Job File

FROM: Richard Jenkins, Cultural Resources Section 

SUBJECT: Cultural Resources Clearance
Job 030578
Hwy. 29 - North (S)
Route 19, Sections 5 & 6
Nevada and Pike Counties

This job proposes 5.34 miles of level and overlay and rumble strips on Highway 19 from Log Mile 8.586 to Log Mile 11.5110 in Nevada County and from Log Mile 0.000 to Log Mile 2.410 in Pike 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.



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

November 6, 2023

TO: Environmental Job File

FROM: Daniel Hildebran, Cultural Resources

Daniel Hildebran

SUBJECT: Cultural Resources Clearance
Job A40028
Hwy. 71B Preservation (Towson Ave.) (Fort Smith) (S)
Route 71, Section 14B
Sebastian County

This project proposes to mill and overlay on 3.8 miles of Highway 71B in Sebastian 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.



INTEROFFICE MEMORANDUM

July 19, 2022

TO: Job File

FROM: Shelby Linck, Cultural Resources Section *SL*

SUBJECT: Cultural Resources Clearance
Job 040838
I-540 – Hwy. 45 (S)
Route 253, Section 2
Route 271, Section 1
Sebastian County

This job proposes 2.21 miles of 2" mill and 5" concrete overlay and rumble stripes. Work will be completed on Highway 271 from just south of the intersection of Commerce Court and Highway 271 to the intersection of Highway 253 and Highway 45 (log miles 0.000–2.051) and Highway 253 (log miles 0.640 to 0.760) in Sebastian 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 further work or Section 106 review.



INTEROFFICE MEMORANDUM

August 25, 2023

TO: Environmental Job File

FROM: Shelby Linck, Cultural Resources Section

SL

SUBJECT: Cultural Resources Clearance Addendum
Job 040838
Hwys. 64, 253 & 271 Impvts. (Fort Smith) (S)
Route 64, Section 1
Route 253, Section 2
Route 271, Section 1
Sebastian County

This job proposes an additional 0.624 miles of 2" mill, 5" concrete overlay, and rumble stripes approximately 0.22 miles north of the Highway 64/North 50th Street intersection ending at ARDOT Bridge 05176 on Highway 64 in Sebastian 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 further work or Section 106 review.



INTEROFFICE MEMORANDUM

August 23, 2023

TO: Environmental Job File

FROM: Shelby Linck, Cultural Resources Section ^{SL}

SUBJECT: Cultural Resources Clearance
Job 040842
Fayetteville – Hwy. 412 (S)
Route 112, Section 1
Washington County

This job proposes 4.31 miles of 1" level up and overlay on Highway 112. Work will be completed on Highway 112 just south of the intersection of Pierre Crossing and Highway 112 to just south of the intersection of Highways 112 and 412 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.



INTEROFFICE MEMORANDUM

August 24, 2023

TO: Environmental Job File

FROM: Shelby Linck, Cultural Resources Section *SL*

SUBJECT: Cultural Resources Clearance
Job 040880
Hwy. 170 – Hwy. 71B (S)
Route 71, Section 16
Washington County

This job proposes 7.13 miles of 2" mill and overlay/inlay on Highway 71 in Washington County. Work will be completed from the Highway 71/ West Main Street intersection in West Fork to the Highway 71/ Fulbright Expressway intersection in Fayetteville.

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.



INTEROFFICE MEMORANDUM

August 25, 2023

TO: Environmental Job File

FROM: Shelby Linck, Cultural Resources Section *SL*

SUBJECT: Cultural Resources Clearance
Job 040881
Crawford Co. Line – Hwy. 74 (S)
Route 71, Section 16
Washington County

This job proposes 6.97 miles of mill and overlay on Highway 71 in Washington County. Work will be completed from the Highway 71/Wood Lane intersection to just north of the Highway 71/ Highway 74 intersection.

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.



INTEROFFICE MEMORANDUM

August 25, 2023

TO: Environmental Job File

FROM: Shelby Linck, Cultural Resources Section

SL

SUBJECT: Cultural Resources Clearance
Job 040884
I-40 – Hwy. 282 (S)
Route 71, Section 15
Crawford County

This job proposes to apply 1.18 miles of UTBWC and 3.00 miles of overlay for a total of 4.18 miles of work on Highway 71 in Crawford County. Work will be completed from just north of the Highway 71/I-40 Eastbound exit ramp to the Highway 71/Cactus Corner Lane intersection.

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 29, 2022

TO: Environmental Job File

M H

FROM: Milton Hughes, Cultural Resources Section

SUBJECT: Cultural Resources Clearance
Job 040911
Hwy. 23 – Carbon City (S)
Route 22, Section 3
Logan County

This job proposes a 2" mill and overlay on 4.46 miles of Highway 22 in Logan County.


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



INTEROFFICE MEMORANDUM

September 7, 2023

TO: Environmental Job File

FROM: Jason Kennedy, Cultural Resources Section


SUBJECT: Cultural Resources Clearance
Job 050438
Hwy. 342 – Sharp Co. Line (S)
Route 63, Section 1
Fulton County

This job proposes leveling and thin overlay on 12.52 miles of Highway 63 from Hwy. 342 to the Sharp County Line in Fulton County.


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



INTEROFFICE MEMORANDUM

August 29, 2023

TO: Environmental Job File

FROM: Jason Kennedy, Cultural Resources Section


SUBJECT: Cultural Resources Clearance
Job 050440
Hwy. 167 – Hwy. 394 (Batesville) (S)
Route 69, Section 3
Independence County

This job proposes 2.99 miles of UTBWC along Highway 69 from Highway 167 to Quail Valley Drive in Batesville, Independence 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.



INTEROFFICE MEMORANDUM

July 13, 2022

TO: Environmental Job File

FROM: Jason Kennedy, Cultural Resources Section


SUBJECT: Cultural Resources Clearance
Job 050441
Hwy. 25 – Hwy. 394 (Batesville) (S)
Route 167, Section 18
Independence County

This job proposes 1.99 miles of microsurfacing and Rumble Strips along Highway 167 between the Highway 25 interchange and the Highway 394 interchange in Independence County.

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



INTEROFFICE MEMORANDUM

October 25, 2023

TO: Environmental Job File

FROM: Kristina Boykin, Cultural Resources Section
Kristina Boykin

SUBJECT: Cultural Resources Clearance
Job 050444
Hwy. 69 – Hwy. 56 (S)
Route 9, Section 13
Izard County

This job proposes to apply UTBWC on 6.41 miles and add 2' paved shoulders from Log Mile 0.67 to Log Mile 2.36 of Highway 9 in Izard County. All work will occur within the existing right-of-way (ROW).

A standard records review was conducted and included a review of the Arkansas Archaeological Survey's (ARAS) and the Arkansas Historic Preservation Program's (AHPP) databases; the General Land Office (GLO) plat for Township 16 North, Range 9 West and Township 17 North, Range 9 West; the 1936 Izard County highway map, and the 1951 Melbourne, 1984 Melbourne, and 1984 Oxford, ARK topographic maps.

The records check of the ARAS site database showed that two sites (3IZ0209 and 3IZ0248) are located near Highway 9. Site 3IZ0209 (a historic cemetery) is located about 200 feet east of Highway 9, and Site 3IZ0248 (the old Melbourne Courthouse) is located over 300 feet east of Highway 9 on Main Street. The records check at the AHPP databases showed two properties (IZ0077 and IZ0030) within viewshed of the project. Both have unknown National Register of Historic Places (NRHP) status.

The 1821 GLO plats show no development in the area. The 1936 Izard County highway map shows structures mainly clustered around the water bodies along the highway. Various cemeteries are shown on the Melbourne and Oxford topographic maps to the west and east of Highway 9. All are at least 200 feet away from the

highway. All work will take place on existing paved travel surfaces or existing graveled shoulders. Bridge 02634 was determined not eligible for inclusion in the NRHP in the *NRHP Eligibility Determination Report: Pre-1976 Arkansas Historic Highway Bridge Inventory* under Job 012356. None of the structures, sites, or other resources will be affected.

The existing road infrastructure, known construction practices, existing utilities, and aerial imagery were examined to assess previous ground disturbance limits. All work will be on paved travel surfaces or extending shoulders to 2 feet within previously disturbed areas in the existing ROW. This type of undertaking will not affect historic properties. This project is subject to the 2021 Programmatic Agreement and falls under Activity 2 of Appendix C.



Sarah Huckabee Sanders
Governor
Shea Lewis
Secretary

November 29, 2023

Mr. John Fleming
Division Head
Environmental Division
Arkansas Department of Transportation
10324 Interstate 30
Little Rock, AR 72203-2261

RE: Stone County: General
Section 106 Review: FHWA
Proposed Undertaking: Hwy. 9 – Independence County Line (S)
Route 14, Section 7
ArDOT Job Number: A50031
AHPP Tracking Number: 111728

Dear Mr. Fleming:

The staff of the Arkansas Historic Preservation Program (AHPP) has reviewed the submission for the above-mentioned undertaking on Highway 14 between Mountain View and Sook Spring in Stone County, Arkansas. The undertaking proposes to level and apply an ultrathin bonded wearing course (UTBWC) to the highway between miles 5.85 and 22.18. There are six previously recorded archeological sites near the area of potential effect (APE), one of which is the Hye Cemetery. Another undocumented cemetery, the Flatwoods Cemetery, is also adjacent to the APE. All proposed work will occur within the highway's existing right-of-way (ROW), but provisions are in place to ensure that the cemeteries are not affected by this undertaking. A total of thirty-one historic structures are located near the APE, six of which are listed on the National Register of Historic Places (NRHP). All thirty-one structures are located outside of the ROW and will not be affected. Eight bridges are located in the APE, but none will be modified.

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. We request that an archeological site form be filled out for the Flatwoods Cemetery and submitted to the Arkansas Archeological Survey's Registrar office, so that the site is no longer undocumented. In the event of a post-review discovery of historic properties within the area of potential effects, please contact the AHPP and other consulting parties in accordance with 36 CFR § 800.13(b)(3).

Thank you for the opportunity to review this submission. Please refer to the AHPP Tracking Number listed above in all correspondence. If you have any questions, please call Jessica Cogburn of my staff at 501-324-9357 or email jessica.cogburn@arkansas.gov.

Sincerely,
Jessica H.
Cogburn
for

Digitally signed by Jessica
H. Cogburn
Date: 2023.11.29
11:30:28 -06'00'

Scott Kaufman
State Historic Preservation Officer and Director, AHPP


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



INTEROFFICE MEMORANDUM

September 7, 2023

TO: Environmental Job File

FROM: Jason Kennedy, Cultural Resources Section


SUBJECT: Cultural Resources Clearance
Job 050461
Hwy. 67 – Hwy. 5 (Sel. Secs.) (S)
Route 31, Section 4
White County

This job proposes spot leveling and UTBWC on 7.89 miles of select sections of Highway 31 from Highway 67 to Highway 5 in White County.


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



INTEROFFICE MEMORANDUM

August 5, 2022

TO: Environmental Job File

FROM: Jason Kennedy, Cultural Resources Section


SUBJECT: Cultural Resources Clearance
Job 050465
Hwy. 67B – Hwy. 13 (S)
Route 367, Section 15
White County

This job proposes 6.04 miles of 1" Level up, Ultrathin Bonded Wearing Course, and Rumble Strips along Highway 367 from the Highway 67B to Highway 13 in White County.

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



INTEROFFICE MEMORANDUM

October 30, 2023

TO: Environmental Job File

FROM: Kristina Boykin, Cultural Resources Section
Kristina Boykin

SUBJECT: Cultural Resources Clearance
Job A60034
Sunshine – Hwy. 270 (S)
Route 227, Section 0
Garland County

This job proposes to apply UTBWC, level and add 2' paved shoulders on 4.53 miles of Highway 227 in Garland County. All work will occur within the existing right-of-way (ROW).

A standard records review was conducted and included a review of the Arkansas Archaeological Survey's (ARAS) and the Arkansas Historic Preservation Program's (AHPP) databases; the General Land Office (GLO) plat for Township 3 South, Range 21 West; the 1936 Garland County highway map, and the 1966 and 1976 Hempwallace and Percy and 1962 and 1975 Crystal Springs, ARK topographic maps.

The records check of the ARAS site database showed that one site (3GA0445) is located near Highway 227. Site 3GA0445 (remains of historic house) is located east of Highway 227 in the Ouachita National Forest and is currently undetermined in its eligibility status for inclusion in the National Register of Historic Places (NRHP). The records check at the AHPP database showed no recorded structures within the project area.

The 1845 GLO plat shows nearby roads with no other cultural indicators in the area. The 1936 Garland County highway map shows structures spaced along the road. No cemeteries are shown on the topographic maps.

Three bridges are along this route but will not have any work done on them. Bridges M2413 and M2414 were previously determined eligible for inclusion in the NRHP as exceptional post-1945 concrete and steel bridge examples. M2415 was determined not eligible for inclusion in the NRHP in the *NRHP Eligibility Determination Report: Pre-1976 Arkansas Historic Highway Bridge Inventory* under Job 012356. None of the structures, sites, or other resources will be affected.


The existing road infrastructure, available plans, known construction practices, existing utilities, and aerial imagery were examined to assess previous ground disturbance limits. All work will occur in previously disturbed areas in the existing ROW. This type of undertaking will not affect historic properties. This project is subject to the 2021 Programmatic Agreement and falls under Activity 2 of Appendix C.



INTEROFFICE MEMORANDUM

August 5, 2022

TO: Environmental Job File

FROM: Jason Kennedy, Cultural Resources Section


SUBJECT: Cultural Resources Clearance
Job 061657
Francois Rd. – Saline Co. Line (S)
Route 67, Section 8
Hot Spring County

This job proposes 5.33 miles of Rut Mill and 2" Overlay and Rumble Stripes along Highway 67 from Francois Road to the Saline County Line in Hot Spring 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.



INTEROFFICE MEMORANDUM

October 25, 2023

TO: Environmental Job File

FROM: Kristina Boykin, Cultural Resources Section
Kristina Boykin

SUBJECT: Cultural Resources Clearance
Job A60036
Hwy. 70 – Hwy. 236 (S)
Route 15, Section 11
Route 89, Section 1
Lonoke County

This job proposes 7.74 miles of mill and overlay on Highways 15 and 89, in Lonoke 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.



INTEROFFICE MEMORANDUM

September 7, 2023

TO: Environmental Job File

FROM: Jason Kennedy, Cultural Resources Section


SUBJECT: Cultural Resources Clearance
Job 061665
Hwy. 70 – Hwy. 232 (S)
Route 381, Section 1
Lonoke County

The project proposes 2" overlay and adding 2' shoulders on 12.28 miles of Hwy. 381 from the intersection of Hwy. 70 to the intersection of Hwy. 232 in Lonoke 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 1853 General Land Office plats of Township 1 North, Range 7 West and Township 2 North, Range 7 West; the 1854 GLO plats of Township 1 North, Range 8 West, Township 2 North, Range 8 West, and Township 1 South, Range 7 West; the 1856 GLO plats of Township 1 South, Range 8 West; the 1936 Lonoke County highway map, and the 1982 7.5' Pocket Prairie, Culler, and Humnoke, ARK topographic maps.

The review of the ARAS and the AHPP databases identified two sites (3LN0076- pre-historic mound site and 3LN0441- pre-historic scatter) near the project limits. 3LN0076 is now shown within a constructed reservoir and may not be present. If present, the site was recorded over 50 yards east of the highway and would not be impacted. 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 will not affect 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, Activity 2, of the 2021 Programmatic Agreement.



INTEROFFICE MEMORANDUM

September 20, 2023

TO: Environmental Job File

FROM: Jason Eads, Cultural Resources Section


SUBJECT: Cultural Resources Clearance
Job 061666
Cabot – Hwy. 107 (S)
Route 89, Sections 1 & 2
Lonoke & Pulaski Counties

This job proposes 6.13 miles of mill and overlay, rut mill and 2" overlay, and adding 2-foot shoulders, on Highway 89 in Lonoke and Pulaski Counties.

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). A map review included the 1851 General Land Office (GLO) plat of Township 4 North, Range 10 West; the 1819 GLO plat for Township 4 North, Range 11 West; the 1936 Lonoke and Pulaski Counties highway maps, and the 1987 7.5' Cabot and Olmstead, ARK topographic maps.

The review of the ARAS and the AHPP databases identified no sites near the project limits. 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 will not affect 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, Activity 2, of the 2021 Programmatic Agreement.



Sarah Huckabee Sanders
Governor
Shea Lewis
Secretary

November 29, 2023

Mr. John Fleming
Division Head
Environmental Division
Arkansas Department of Transportation
10324 Interstate 30
Little Rock, AR 72203-2261

RE: Prairie County: General
Section 106 Review: FHWA
Proposed Undertaking: Monroe Co. Line – Hwy. 302 (S)
Route 33, Section 5
ArDOT Job Number: A60039
AHPP Tracking Number: 111739

Dear Mr. Fleming:

The staff of the Arkansas Historic Preservation Program (AHPP) has reviewed the submission for the above-mentioned undertaking in Sections 5, 8, 17, 20, 28, and 29, Township 1 North, Range 4 West on Highway 33 in Prairie County, Arkansas. The undertaking proposes to rut mill, overlay, and add two-foot paved shoulders on 5.45 miles. All work will occur within the existing highway right-of-way (ROW). Seven previously recorded archeological sites (3PR0175, 3PR0176, 3PR0173, 3PR0178, 3PR0179, and 3PR0208) are located near the area of potential effect (APE) but will not be affected by the undertaking. One historic structure (PR0072), the Idlewild School, is eligible for inclusion in the National Register of Historic Places (NRHP) but is located outside of the APE ROW and will not be affected.

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. In the event of a post-review discovery of historic properties within the area of potential effects, please contact the AHPP and other consulting parties in accordance with 36 CFR § 800.13(b)(3).

Thank you for the opportunity to review this submission. Please refer to the AHPP Tracking Number listed above in all correspondence. If you have any questions, please call Jessica Cogburn of my staff at 501-324-9357 or email jessica.cogburn@arkansas.gov.

Sincerely,
Jessica H.
Cogburn
for

Digitally signed by Jessica
H. Cogburn
Date: 2023.11.29
11:55:52 -06'00'

Scott Kaufman
State Historic Preservation Officer and Director, AHPP

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



INTEROFFICE MEMORANDUM

October 25, 2023

TO: Environmental Job File

FROM: Kristina Boykin, Cultural Resources Section
Kristina Boykin

SUBJECT: Cultural Resources Clearance
Job A60040
Arkansas Co. Line – Monroe Co. Line (S)
Route 79, Section 12
Prairie County

This job proposes 4.38 miles of mill and overlay on Highway 79, in Prairie 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 29, 2023

TO: Environmental Job File

FROM: Jason Kennedy, Cultural Resources Section


SUBJECT: Cultural Resources Clearance
Job 061672
I-30 – McCain Blvd. (NLR) (Sel. Secs.) (S)
Route 107, Section 1
Pulaski County

This job proposes 0.86 miles of Mill & Inlay along select sections of Highway 107 from I-40 to McCain Boulevard in North Little Rock, Pulaski 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.



INTEROFFICE MEMORANDUM

October 25, 2023

TO: Environmental Job File

FROM: Kristina Boykin, Cultural Resources Section
Kristina Boykin

SUBJECT: Cultural Resources Clearance
Job A60042
Hwy. 35 – Hwy. 5 (S)
Route 183, Section 1
Saline County

This job proposes 8.83 miles of rut mill and inlay or overlay on Highway 183, in Saline 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.



INTEROFFICE MEMORANDUM

April 18, 2023

TO: Environmental Job File
M H

FROM: M. Hughes, Cultural Resources

SUBJECT: Cultural Resources Clearance
Job 061819
Hwy. 38 – White Co. Line (S)
Route 11, Section 10
Prairie County

This job proposes to mill & overlay and spot level and overlay 11.34 miles of Highway 11 in Prairie County. All work will take place on existing paved surfaces.

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



Sarah Huckabee Sanders
Governor
Shea Lewis
Secretary

November 29, 2023

Mr. John Fleming
Division Head
Environmental Division
Arkansas Department of Transportation
10324 Interstate 30
Little Rock, AR 72203-2261

RE: Garland County: General
Section 106 Review: FHWA
Proposed Undertaking: Hwy. 70B – Hwy. 7 (Hot Springs) (S)
Route 7, Section 9S
ArDOT Job Number: A60046
AHPP Tracking Number: 111727

Dear Mr. Fleming:

The staff of the Arkansas Historic Preservation Program (AHPP) has reviewed the submission for the above-mentioned undertaking in Sections 27 and 34, Township 2 South, Range 19 West on Highway 7 Spur between Highway 70B and Highway 7, Garland County, Arkansas. The undertaking proposes to transfer ownership of the Highway 7 Spur to Garland County after the addition of a 2-foot asphalt overlay to existing surfaces. All work will be confined to the current highway right-of-way. The Gulpha Gorge Campground (3GA0760) is located immediately adjacent to the area of potential effect (APE) and is considered eligible for inclusion in the National Register of Historic Places (NRHP). However, a special provision is in place to ensure that the site and its associated features will not be affected by this undertaking. Two other sites, 3GA0942 and 3GA0564, are located near the APE but will be avoided. Four bridges (AHPP structures GA0242, GA0234, GA0244, and GA0245), all considered eligible for inclusion in the NRHP are located within the APE, but will not be modified during this undertaking.

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. In the event of a post-review discovery of historic properties within the area of potential effects, please contact the AHPP and other consulting parties in accordance with 36 CFR § 800.13(b)(3).

Thank you for the opportunity to review this submission. Please refer to the AHPP Tracking Number listed above in all correspondence. If you have any questions, please call Jessica Cogburn of my staff at 501-324-9357 or email jessica.cogburn@arkansas.gov.

Sincerely,
Jessica H.
Cogburn
for

Digitally signed by Jessica
H. Cogburn
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Scott Kaufman
State Historic Preservation Officer and Director, AHPP

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



Sarah Huckabee Sanders
Governor
Shea Lewis
Secretary

November 29, 2023

Mr. John Fleming
Division Head
Environmental Division
Arkansas Department of Transportation
10324 Interstate 30
Little Rock, AR 72203-2261

RE: Clark and Dallas Counties: General
Section 106 Review: FHWA
Proposed Undertaking: Sparkman – Hwy. 51 (S)
Route 7, Sections 5 & 6
ArDOT Job Number: A70026
AHPP Tracking Number: 111726

Dear Mr. Fleming:

The staff of the Arkansas Historic Preservation Program (AHPP) has reviewed the submission for the above-mentioned undertaking on Highway 7 between Arkadelphia and Sparkman in Clark and Dallas Counties, Arkansas. The undertaking proposes to add 2-foot shoulders, spot level the highway, and overlay 20.74 miles of Highway 7 between mile markers 11.209 to 17.671 and 0 to 8.142. All work will be confined to the current highway right-of-way. A records check revealed one National Register of Historic Places (NRHP) listed structure near the area of potential effect (APE) and two structures with unknown NRHP eligibility. All three are outside of the APE and will not be affected. Thirteen bridges, six with unknown NRHP eligibility and seven considered not eligible for the NRHP, are within the APE but will not be modified. Two cemeteries and a number of previously recorded historic archeological sites are located near the APE but will not be affected.

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. In the event of a post-review discovery of historic properties within the area of potential effects, please contact the AHPP and other consulting parties in accordance with 36 CFR § 800.13(b)(3).

Thank you for the opportunity to review this submission. Please refer to the AHPP Tracking Number listed above in all correspondence. If you have any questions, please call Jessica Cogburn of my staff at 501-324-9357 or email jessica.cogburn@arkansas.gov.

Sincerely,
Jessica H.
Cogburn
for

Digitally signed by Jessica
H. Cogburn
Date: 2023.11.29
09:52:27 -06'00'

Scott Kaufman
State Historic Preservation Officer and Director, AHPP

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



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 16, 2023

TO: Environmental Job File

FROM: Daniel Hildebran, Cultural Resources
Daniel Hildebran

SUBJECT: Cultural Resources Clearance
Job 070548
Hwy. 9 – Fordyce (S)
Route 273, Section 1
Dallas County

This project proposes to add a 1" level up and overlay with patching on 15.25 miles of Highway 273 in Dallas 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 16, 2023

TO: Environmental Job File

FROM: Daniel Hildebran, Cultural Resources
Daniel Hildebran

SUBJECT: Cultural Resources Clearance
Job 070556
Columbia Co. Line – Airport Dr. (S)
Route 82, Section 5
Union County

This project proposes to add a 1" level up and overlay with joint tape on 10.75 miles of Highway 82 in Union County.

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



INTEROFFICE MEMORANDUM

October 25, 2023

TO: Environmental Job File

FROM: Daniel Hildebran, Cultural Resources

Daniel Hildebran

SUBJECT: Cultural Resources Clearance
Job A70030
Strong – Ouachita River (Sel. Secs.) (S)
Route 82, Section 7
Union County

This project proposes to add a 1" level up and UTBWC, perform spot leveling, shoulder patching, and add rumble strips on 8.39 miles of Highway 82 in Union County.

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



INTEROFFICE MEMORANDUM

August 30, 2022

TO: Environmental Job File

FROM: Daniel Hildebran, Cultural Resources
Daniel Hildebran

SUBJECT: Cultural Resources Clearance
Job 070537
Hwy. 35 – Hwy. 63 (S)
Route 114, Section 0
Cleveland County

This project proposes to perform spot leveling, add a 1-1/2" overlay, and 4' shoulders on 8.4 miles of Highway 114 in Cleveland County. The project extends from Log Mile 0.000 to 8.400.

A records check at the Arkansas Archaeological Survey shows no sites near the proposed project. The review of the Arkansas Historic Preservation Program's structure database shows no historic structures near the project. ARDOT Bridges X0556, 06071, 06072, X0557, M4070, and X0558 are within the project area, are not 50 years old, and will not be impacted. No cultural indicators were found on the 1829 General Land Office plat, the 1936 Cleveland 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 has no potential to cause effects to historic properties. All work will be within previously disturbed areas. This project is subject to the 2021 Programmatic Agreement and falls under Activity 2 in Appendix C. The project requires no Section 106 review.



INTEROFFICE MEMORANDUM

August 18, 2023

TO: Environmental Job File

FROM: Wm. Lane Shields, Cultural Resources Section

SUBJECT: Cultural Resources Clearance Addendum
Job 080640
Hwys. 60, 64 & 65B Impvts. (Sel. Sects.) (Conway) (S)
Route 60, Section 0
Route 64, Section 8
Route 65B, Section 9B
Faulkner County

An Interoffice Memo was issued for this job July 14, 2022, under a slightly different job name, which the current document supersedes. As modified, this job consists of four sections totaling 9.43 mi. within the town of Conway. It proposes to mill and inlay sections of Hwy. 60, mill and inlay/overlay sections of Hwys. 64 and 65B, and add rumble stripes at unspecified locations.

This job is subject to the 2021 Programmatic Agreement and falls under Activities C and F in Appendix B. The job is exempt from further work and from 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

July 14, 2022

TO: Environmental Job File

FROM: Wm. Lane Shields, Cultural Resources Section


SUBJECT: Cultural Resources Clearance
Job 080640
Hwys. 60 & 65B (Sel. Secs.)(Conway)
Hwy. 60, Sec. 0, Hwy. 65B, Sec. 9B
Faulkner County

This job proposes to mill and overlay 8.71 miles and add rumble stripes, in urban areas of Conway, Faulkner County. Specific locations for these activities are not specified but are not required for this assessment.

This job is subject to the 2021 Programmatic Agreement and falls under Activities C and F of Appendix B. The job is exempt from further work and Section 106 review.



Sarah Huckabee Sanders
Governor
Shea Lewis
Secretary

October 05, 2023

Mr. John Fleming
Division Head
Environmental Division
Arkansas Department of Transportation
10324 Interstate 30
Little Rock, AR 72203-2261

RE: Pope County: General
Section 106 Review: FHWA
Proposed Undertaking: Lake Dardanelle State Park – Hwy. 7 (Russellville) (S)
Route 326, Section 1
ArDOT Job Number: 080680
AHPP Tracking Number: 111566

Dear Mr. Fleming:

The staff of the Arkansas Historic Preservation Program (AHPP) has reviewed the submission for the above-referenced undertaking in Sections 6, 7, 16, 17, and 18, Township 7 North, Range 20 West and Sections 1, 2, 11, and 12, Township 7 North, Range 21 West in Pope County in Russellville. The project proposes to resurface 5.11 miles and add two-foot shoulders in select locations on Highway 326. There are no previously recorded archeological sites in or near the area of potential effect (APE). Two AHPP properties, the Mountain View School (PP0055) and the Confederate Mothers Memorial Park (PP0344), both of which are listed on the National Register of Historic Places (NRHP), are adjacent to the APE. Neither of these properties will be affected by this undertaking as no new right-of-way (ROW) is required and therefore no new ground disturbance will occur.

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. In the event of a post-review discovery of historic properties within the area of potential effects, please contact the AHPP and other consulting parties in accordance with 36 CFR § 800.13(b)(3).

Thank you for the opportunity to review this submission. Please refer to the AHPP Tracking Number listed above in all correspondence. If you have any questions, please call Jessica Cogburn of my staff at 501-324-9357 or email jessica.cogburn@arkansas.gov.

Sincerely,
Jessica H.
Cogburn

 Digitally signed by Jessica H.
Cogburn
Date: 2023.10.05 10:04:47 -05'00'

for
Scott Kaufman
State Historic Preservation Officer and Director, AHPP


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



INTEROFFICE MEMORANDUM

June 13, 2023

TO: Environmental Job File

FROM: Jason Kennedy, Cultural Resources Section


SUBJECT: Cultural Resources Clearance
Job 080698
Hwys. 9 & 64 Impvts. (Sel. Secs.) (S)
Route 9, Sections 6, 7, & 8
Route 64, Section 7
Conway & Perry Counties

This job proposes 36.88 miles of 2" Mill & 2" Overlay, Level Up & 2" Overlay, and Fog Seal on select sections of Highway 9 from the intersection of Highway 300 in Perry County to just below County Road 610 in Center Ridge in Conway County and Highway 64 from the intersection with Cedar Street to the intersection with Highway 9 in Conway 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 23, 2023

TO: Environmental Job File

FROM: Wm. Lane Shields, Cultural Resources Section

SUBJECT: Cultural Resources Clearance
Job 080708
Hwys. 247, 331 & 363 Imptvs. (Pottsville & Russellville) (S)
Route 247, Section 0
Route 331, Section 1
Route 363, Section 1
Pope County

This job consists of UTBWC on Hwy. 247, overlay on Hwy. 331, mill & overlay and adding 2' shoulders on Hwy. 363 for a total length of 9.38 miles in Pope County. All work will be within existing right-of-way (ROW).

An archeological and historic records review was conducted for this project, which includes the Arkansas Archeological Survey (ARAS) site files of documented Native American and historical archeological sites, structures or features presented in the Automated Management of Archeological Site Data in Arkansas (AMASDA), the Arkansas Historic Preservation Program (AHPP) recorded structures files, and ARDOT's bridge database. National Register of Historic Places (NRHP) status was checked for all resources. Other background research includes the General Land Office (GLO) plat for Township 7 North, Ranges 19 (1839) and 20 West (1834), the 1936 Pope County General Highway and Transportation Map, and all 41 versions of USGS topographic quadrangles for the area. All sources were reviewed for cemeteries, potentially historic structures, and landforms conducive to hold archeological sites in or near the project.

The ARAS documents 63 nearby sites, 55 of which are clustered at the west and east ends of Hwy. 247. One of these, 3PP572, a sparse surface scatter of Native American and ca. 1900s materials was destroyed when the new alignment for Hwy. 247 from I-40 was constructed (AHTD Job 080198, see AMASDA 4676 for report by Hughes [2007]). None of the other sites are along the ROWs. AMASDA lists 21 nearby projects, with eight along the Hwys. 247/363 corridor and 13 near the Hwy. 331 corridor.

AHPP has records for just under 50 structures near the two corridors. This includes more than half of the 58 structures in the NRHP listed Dardanelle Commercial Historic District and all four of the structures in the NRHP listed Pottsville Commercial Historic District. Only three structures are near the Hwy. 331 corridor. None of these structures are within view of the project. Three recent bridges are along the Hwy. 247 corridor and one recent bridge along Hwy. 331 is an I-40 overpass. Bridge 03970 along Hwy.363 is an overpass for I-40 dating to 1967, and the Advisory Council on Historic Preservation's Interstate Highway Exemption (70 FR 11928) applies.

There are two GLO survey plats available south of the Arkansas River (1827, 1828) and one north (1834) where the current project is located. The north plat appears to accurately plot natural features and shows several fields and 'old fields'. The Military Road is parallel to, but about a mile to the north of, Hwy. 247 along most of its route here but there is no modern counterpart along that plot. The project crosses the Military Road plot just south of I-40 to the east of another GLO road, possibly 'Dwights Road', which heads northwest past a 'field' where Pottsville is. The Hwy. 331 corridor is slightly north of Dwights Road. Both corridors cross or touch one of the land routes of the NRHP Landmark listed Trail of Tears, which in this vicinity approximates US 64 along the south side of I-40. The Arkansas River route is quite close to the west end of the Hwy. 247 corridor.

The USGS quadrangles range from 1888–2020 but do not show individual structures until the 1970s. Early maps show that Dardanelle and Russellville are similar in size although a train route extends through the latter. That rail line is crossed by an overpass on the Hwy. 247 corridor southeast of Pottsville, which was called Galla Creek/Potts in the 1800s. A road that approximates the Hwy. 331 corridor existed by 1890. The 1936 county map shows a fairly dense rural population along major roads with increasing density to the east and south of Russellville.


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



INTEROFFICE MEMORANDUM

September 2, 2022

TO: Environmental Job File

FROM: Wm. Lane Shields, Cultural Resources Section


SUBJECT: Cultural Resources Clearance
Job 090592
Hwys. 16 & 59 (Sel. Secs.)
Route 16, Section 1
Route 59, Section 2
Benton County

This project proposes to add a 2" overlay, 2' shoulders and rumble strips/strips along 12.92 miles of Highways 16 and 59, both in Benton County and both run from the Washington County line. The Highway 16 work, on the east, extends 7.34 miles from the west side of Wedington Gap to the southeastern toe slopes of the Illinois River valley southeast of Siloam Springs. The Highway 59 work extends 5.58 mi. to just north of US 412 at the intersection with E. Kenwood St. in Siloam Springs. All work will occur within the existing right-of-way (ROW).

An archeological and historic records review was conducted for this project which includes the Arkansas Archeological Survey (ARAS) site files of documented Native American and historical archeological sites, structures or features presented in the Automated Management of Archeological Site Data in Arkansas (AMASDA), the Arkansas Historic Preservation Program (AHPP) recorded structures files, and ARDOT's databases on architectural structures without AHPP designations and bridges. The National Register of Historic Places (NRHP) eligibility status was checked as appropriate. Other background research includes General Land Office plats, the 1936 General Highway and Transportation Map, and USGS topographic quadrangle maps. All sources were reviewed for cemeteries, potentially historic structures and landforms conducive to hold

archeological sites in or near the project corridors. Due to the distance between the two highways and the amount of records, each leg is discussed separately. For the Highway 16 section, ARAS documents 82 cultural resources in the vicinity. Prehistoric sites total 40, with 16 rockshelters and 24 open sites. Most of the latter are isolates or heavily disturbed, although one large village is in the Illinois River valley adjacent to the project corridor. Over half are historical, many of which are recorded from archival information. A total of 21 projects are known, including one ARDOT Job (090282), although most are by the US Forest Service. AHPP documents 29 structures along the corridor. Ten have an unknown NRHP status, including the Wedington Grocery (WA1266), which is adjacent to the corridor. One structure is not eligible, one is listed and 17 are eligible within a historic district. The listed structure and district are not visible from the highway. Two unrecorded cemeteries, both plotted on the quadrangles, are near but not in sight of the corridor, the Wedington Graveyard and the Davis Cemetery.

GLO plats are T16–17 North, Ranges 32–33 West (T16N-R32W, 1834; -R33-34W, 1838; T17N-R32W, 1839; -R33W, 1837). In general terms, the GLOs show few cultural features although multiple streams, bluffs and prairies are included. The 1838 plat significantly maps Wedington's house near the corridor. Biographical information about Wedington was not located but that surname is locally significant. Highway 16 is known as Wedington Drive, and goes around the NRHP listed Lake Wedington Historic District just east of Wedington Gap. A little under 2 miles from the southern terminus of the project is the Wedington Grocery and from that location, the Wedington Church is in sight of the corridor. That Church shields the highway view of its adjacent graveyard. The GLO plot of the Wedington house is west or southwest of the church. The village of Wedington was less than a mile south of the grocery store.

There are 28 USGS quadrangles covering this corridor, dating from 1899–2020 but most are reprints. Maps showing houses date to 1899–1904 and 1970. The 1936 transportation map also shows houses. The 1899–1904 maps show very sparse population of only about 2–3 houses per section while the 1936 map shows 3–4 houses. Unlike most areas of the state where rural population declined after the 1940s, the 1970 maps (Rhea and Gallatin, 1:24,000) have about the same density as in 1936. The maps between 1904 and 1970 are at 1:250,000 and too stylized to accurately show the corridor. However, the eastern quarter of the corridor is along the alignment shown on the 1899–1904 maps, although the rest of the corridor's alignment does not substantially differ from that original route.

For the Highway 59 section, ARAS documents 16 cultural resources in the vicinity, all but four are around the Illinois River valley. There are 10 prehistoric sites: three rockshelters, the Saindon Mound Site (3BE784), and six open sites. Three

stateline markers, recorded from archival information, are also present as are two cemeteries. The Brady Cemetery (3BE784) at the southern end of the corridor is visible but the George & Haste Cemetery (3BE850) at the northern end is not. The latter was recorded by ARDOT for Job 090099, which was submitted to AMASDA during this research. Thus, a total of 11 projects are known, most by (n=7) or for (n=2) ARDOT, the most recent of which (090506) recorded two of the prehistoric sites.

AHPP documents around 245 structures along the corridor. There are 28 in the Illinois River valley, including 14 recorded by ARDOT Job 090506, with the others in the NRHP listed Gypsy Camp Historic District. Only two structures are between each end. Roughly 215 resources are in Siloam Springs where there are two NRHP listed districts, the Siloam Springs Downtown and Carl's Addition. Due to the high total, the NRHP status was not tabulated but none are within or adjacent to this project.

GLO plats for this leg are Townships 16–17 North, Ranges 33–34 West (T16N-R33-34W, 1838; T17N-R33W, 1837; -R34W, 1838). As with the other leg, the GLOs generally show few cultural features, although a field is shown near the southern end, where some of the minor streams are badly in error. Near the northern end, a 'Road from Fayetteville to Rogers' crosses the corridor along an alignment not in existence today.

There is 29 USGS quadrangles covering this project area, dating to 1899–2020. The same overview statements above apply, although the more recent maps with structures date to 1972. The 1899–1904 maps show no settlement along about the southern half and then sparser density to the west. The 1936 map shows 1–3 houses per section, while the 1970 maps (Siloam Springs and Watts, 1:24,000) have increased density. The maps between 1904 and 1970 are at 1:250,000 and too stylized to accurately show the corridor. There are three areas along this leg where the alignments greatly changed. The most change is crossing the Illinois River valley where the original route was well to the east, which was discussed for the recent job 090506. The other two realignments are in the dissected uplands.

The existing topography, aerial imagery, and construction plans were examined to assess previous ground disturbance. This type of undertaking has no potential to cause effects to historic properties. The project will be atop the existing roadway or within the previously disturbed ROW. This project is subject to the 2021 Programmatic Agreement with the proposed actions falling under Appendix C, Activity 2. The project requires no Section 106 review.



ARKANSAS DEPARTMENT OF TRANSPORTATION

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INTEROFFICE MEMORANDUM

June 2, 2021

TO: Assessments

FROM: Wm. Lane Shields, Cultural Resources Section

SUBJECT: Cultural Resources Clearance
Job 090602
Harrison – Lead Hill (S)
Route 7, Section 20
Boone County

This project proposes to place a 1" overlay or an ultrathin bonded wearing course between Log Miles (LM) 3.755–9.150, and a 2" overlay between LM 9.150–19.150 along Highway 7, Section 20 in Boone 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

June 3, 2021

TO: Assessments

FROM: Wm. Lane Shields, Cultural Resources Section

SUBJECT: Cultural Resources Clearance
Job 090608
Hwy. 65B – Maxie Camp Rd. (S)
Route 65, Section 2
Boone County

This project proposes to apply microsurfacing along a portion of Section 2 in Boone County.

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



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INTEROFFICE MEMORANDUM

June 4, 2021

TO: Assessments

FROM: Wm. Lane Shields, Cultural Resources Section

SUBJECT: Cultural Resources Clearance
Job 090612
Hwy. 62 – Missouri State Line (S)
Route 143, Section 1
Carroll County

This project proposes to apply a 2" overlay along a portion of Highway 143, Section 1 in Carroll 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.



ARKANSAS DEPARTMENT OF TRANSPORTATION

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INTEROFFICE MEMORANDUM

June 3, 2021

TO: Assessments

FROM: Wm. Lane Shields, Cultural Resources Section

SUBJECT: Cultural Resources Clearance
Job 090615
W. of Hwy. 202 – Hwy. 14 (Yellville) (S)
Route 62, Sections 8 & 9
Marion County

This project proposes to place a 2" overlay along Highway 62, Sections 8 and 9 in Marion 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.



ARKANSAS DEPARTMENT OF TRANSPORTATION


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INTEROFFICE MEMORANDUM

June 22, 2023

TO: Environmental Job File

FROM: Wm. Lane Shields, Cultural Resources Section


SUBJECT: Cultural Resources Clearance Addendum
Job 090615
W. of Hwy. 202 – E. of Hwy. 14 (Yellville) (S)
Route 62, Sections 8 & 9
Marion County

This project proposes to place a 2" overlay along Highway 62, Sections 8 and 9 in Marion County. The project was extended 0.347 miles at its east end, and the job name was amended to the above.

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

August 23, 2023

TO: Environmental Job File

FROM: Wm. Lane Shields, Cultural Resources Section


SUBJECT: Cultural Resources Clearance
Job 090617
Johnson Co. Line – North (S)
Route 21, Section 2
Newton County

This project proposes to place UTBWC along 11.8 miles of Highway 21 in Newton County. This corridor extends from the County Line at Salus, north through Fallsville, and continues on to a couple of miles shy of Edwards Junction.

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.



ARKANSAS DEPARTMENT OF TRANSPORTATION


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INTEROFFICE MEMORANDUM

August 23, 2023

TO: Environmental Job File

FROM: Wm. Lane Shields, Cultural Resources Section


SUBJECT: Cultural Resources Clearance
Job 090619
Van Buren Co. Line – Hwy. 65 (S)
Route 27, Section 16
Searcy County

This project proposes to conduct leveling and patching and UTBWC along 23.4 miles of Highway 27 in Searcy County. This corridor extends from the County Line to the City of Marshall.

This project is subject to the 2021 Programmatic Agreement and falls under Activities B, C and D in Appendix B. The project is exempt 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 23, 2023

TO: Environmental Job File

FROM: Wm. Lane Shields, Cultural Resources Section


SUBJECT: Cultural Resources Clearance
Job 101069
Monette – Missouri State Line (S)
Route 139, Section 1
Craighead County

This project proposes to conduct leveling and thin overlay on 6.92 miles of Highway 139 in Craighead County. This corridor extends from the northern edge of Monette, through Childress, and to the eastern side of Red Onion at the state border, 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.



INTEROFFICE MEMORANDUM

August 30, 2022

TO: Environmental Job File

FROM: Daniel Hildebran, Cultural Resources
Daniel Hildebran

SUBJECT: Cultural Resources Clearance
Job 101074
Co. Rd. 150 – W. of Co. Rd. 132 (S)
Route 91, Section 2
Craighead County

This project proposes to add a 2" overlay and 2' shoulders on 4.67 miles of Highway 91 in Craighead County. The project extends from Log Mile 5.182 to 9.850. All work will occur within the existing right-of-way.

A records check at the Arkansas Archaeological Survey shows one site (3CG1171) near the proposed project, but will not be effected by this undertaking. The review of the Arkansas Historic Preservation Program's (AHPP) structure database shows no historic structures near the project. No cultural indicators were found on the 1829 General Land Office plat, the 1936 Craighead 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 has no potential to cause effects to historic properties. All work will be within previously disturbed areas. This project is subject to the 2021 Programmatic Agreement and falls under Activity 2 in Appendix C. The project requires no Section 106 review.



ARKANSAS DEPARTMENT OF TRANSPORTATION

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INTEROFFICE MEMORANDUM

August 30, 2022

TO: Environmental Job File

FROM: Daniel Hildebran, Cultural Resources
Daniel Hildebran

SUBJECT: Cultural Resources Clearance
Job 101081
Hwy. 226 – Hwy. 14 (Sel. Secs.) (S)
Route 49, Sections 4 & 5
Craighead & Poinsett Counties

This project proposes to add a 2" overlay and rumble strips on 14.31 miles of Highway 49 in Craighead and Poinsett Counties. The project extends from Log Mile 6.357 to 12.110 in Craighead County and from 2.117 to 10.675 in Poinsett 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.



ARKANSAS DEPARTMENT OF TRANSPORTATION

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INTEROFFICE MEMORANDUM

August 16, 2023

TO: Environmental Job File

FROM: Daniel Hildebran, Cultural Resources
Daniel Hildebran

SUBJECT: Cultural Resources Clearance
Job 101086
Hwy. 49 – Hwy. 412B (S)
Route 412, Section 9
Greene County

This project proposes to perform leveling and adding UTBWC on 5.32 miles of Highway 412 in Greene 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

October 25, 2023

TO: Environmental Job File

FROM: Daniel Hildebran, Cultural Resources


SUBJECT: Cultural Resources Clearance
Job A00063
Hwys. 77 & 140 Impvts. (Mississippi Co.) (S)
Route 77, Section 2
Route 140, Section 2
Mississippi County

This project proposes to level up, add a 2" overlay and 2' shoulders on 2.09 miles of Highway 77 and 1" level up and overlay on 3.83 miles of Highway 140 in Mississippi County. The project extends from Log Mile 0.000 to 3.834 on Highway 140 and from Log Mile 0.150 to 2.243 on Highway 77.

A records check at the Arkansas Archaeological Survey shows four sites (3MS0688, 3MS0540, 3MS0562, and 3MS0489) near the proposed project areas, but will not be effected by this undertaking. The review of the Arkansas Historic Preservation Program's (AHPP) structure database shows two structures (MS0902 and MS0903) along Highway 140 with MS0902 as not eligible for the National Register of Historic Places (NRHP) and MS0903 as undetermined. No historic structures are near the project. Bridge 02138 is being replaced under Job J00955 and was determined not eligible for inclusion in the NRHP. Bridge 02139 was determined not eligible for inclusion in the NRHP in the *NRHP Eligibility Determination Report: Pre-1976 Arkansas Historic Highway Bridge Inventory* under Job 012356. The 1829 General Land Office plat, the 1936 Mississippi County road maps, quadrangle maps, or aerial imagery review did not reveal cultural indicators within the existing right-of-way (ROW).

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 and occur on either paved highway or existing gravel shoulders in the existing ROW. This project is subject to the 2021 Programmatic Agreement and falls under Activity 2 in Appendix C. The project requires no further work of Section 106 review.



ARKANSAS DEPARTMENT OF TRANSPORTATION

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INTEROFFICE MEMORANDUM

August 16, 2023

TO: Environmental Job File

FROM: Daniel Hildebran, Cultural Resources
Daniel Hildebran

SUBJECT: Cultural Resources Clearance
Job 101104
Hwy. 163 – I-555 (S)
Route 14, Section 14
Poinsett County

This project proposes to level and add a thin overlay on 13.4 miles of Highway 14 in Poinsett 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.



INTEROFFICE MEMORANDUM

August 30, 2022

TO: Environmental Job File

FROM: Daniel Hildebran, Cultural Resources

Daniel Hildebran

SUBJECT: Cultural Resources Clearance
Job 101105
Hwy. 214 – Cross Co. Line (S)
Route 49, Section 5
Poinsett County

This project proposes to add a 2" overlay and rumble strips on 3.1 miles of Highway 49 in Poinsett County. The project extends from Log Mile 16.690 to 19.793.


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.



INTEROFFICE MEMORANDUM

July 25, 2022

TO: Environmental Job File

FROM: Jason Eads, Cultural Resources Section


SUBJECT: Cultural Resources Clearance
Job 012363
Big Creek – Hwy. 425 (Sel. Secs.) (S)
Route 35, Sections 5, 6, and 7
Cleveland and Drew Counties

This job proposes 17.58 miles of overlay and adding 2-foot shoulders to 4.9 miles of the project, on Highway 35 from Big Creek to Hwy. 63 and Hwy. 63 to Hwy. 425 in Cleveland and Drew Counties.

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 1829 and 1832 General Land Office plats of Township 10 South, Range 10 West, Township 11 South, Range 9 West, Township 11 South, Range 8 West, Township 12 South, Range 8 West, and Township 12 South, Range 7 West; the 1936 Cleveland and Drew County highway maps; and the 1985 7.5' Herbine, ARK, 1973 7.5' Wilmar North, ARK, and 1966 7.5' Monticello North, ARK topographic maps.

The review of the ARAS and the AHPP databases identified two previously recorded sites (3DR0032 and 3DR0042) and two NRHP undetermined properties (CV0009- Herbine Community Site and DR0104- Riviere School) near the project limits. The 1829 GLO plat shows a "Road to the Post of Arkansas" roughly following Hwy. 35. The 1840 GLO plat shows a "trace from Little Rock to Monroe, Louisiana." 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, Activity 2, of the 2021 Programmatic Agreement.



INTEROFFICE MEMORANDUM

May 2, 2023

TO: Environmental Job File

M H

FROM: M. Hughes, Cultural Resources

SUBJECT: Cultural Resources Clearance
Job 012473
Hwy. 265 – Hwy. 412B (S)
Route 45, Sections 5 & 6
Madison and Washington Counties

This job proposes to mill & overlay 16.36 miles of Highway 45 in Madison and Washington Counties. All work will take place on existing paved surfaces.

This project is subject to the 2021 Programmatic Agreement and falls under Activity C of 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: 2023-0124821
Project Name: January 2024 Pavement Preservation

September 01, 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.

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

Project Code: 2023-0124821
Project Name: January 2024 Pavement Preservation
Project Type: Road/Hwy - Maintenance/Modification
Project Description: Pavement preservation batched clearance
Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@33.59083395,-91.80502907262363,14z>



Counties: Arkansas

ENDANGERED SPECIES ACT SPECIES

There is a total of 30 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
Yellowcheek Darter <i>Etheostoma moorei</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/7871	Endangered

CLAMS

NAME	STATUS
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
Neosho Mucket <i>Lampsilis rafinesqueana</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/3788	Endangered
Ouachita Fanshell <i>Cyprogenia sp. cf. aberti</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/10889	Threatened
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 does not overlap 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
Winged Mapleleaf <i>Quadrula fragosa</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/4127	Endangered

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
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 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: 2023-0127143
Project Name: February 2024 Pavement Preservation

September 11, 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.

Note: IPaC has provided all available attachments because this project is in multiple field office jurisdictions.

Attachment(s):

- Official Species List
- USFWS National Wildlife Refuges and Fish Hatcheries
- Migratory Birds
- Wetlands

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

This project's location is within the jurisdiction of multiple offices. However, only one species list document will be provided for all offices. The species and critical habitats in this document reflect the aggregation of those that fall in each of the affiliated office's jurisdiction. Other offices affiliated with the project:

Missouri Ecological Services Field Office

101 Park Deville Drive

Suite A

Columbia, MO 65203-0057

(573) 234-2132

PROJECT SUMMARY

Project Code: 2023-0127143
Project Name: February 2024 Pavement Preservation
Project Type: Road/Hwy - Maintenance/Modification
Project Description: Pavement preservation
Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@35.21965965,-91.99334026732478,14z>



Counties: Arkansas and Missouri

ENDANGERED SPECIES ACT SPECIES

There is a total of 27 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 General project design guidelines: https://ipac.ecosphere.fws.gov/project/CJ6STI3MTFAEHNK3OKYNUENGPY/documents/generated/6868.pdf	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 General project design guidelines: https://ipac.ecosphere.fws.gov/project/CJ6STI3MTFAEHNK3OKYNUENGPY/documents/generated/6868.pdf	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
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

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

CLAMS

NAME	STATUS
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
Ouachita Fanshell <i>Cyprogenia sp. cf. aberti</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/10889	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 does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5165	Threatened
Salamander Mussel <i>Simpsonaias ambigua</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6208	Proposed Endangered
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
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> 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	Endangered

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
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
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 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.

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

MIGRATORY BIRDS

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

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1. The [Migratory Birds Treaty Act](#) of 1918.
 2. The [Bald and Golden Eagle Protection Act](#) of 1940.
 3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern \(BCC\) list](#) or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ [below](#). This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the [E-bird data mapping tool](#) (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found [below](#).

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
American Golden-plover <i>Pluvialis dominica</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds elsewhere
American Kestrel <i>Falco sparverius paulus</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9587	Breeds Apr 1 to Aug 31
Bald Eagle <i>Haliaeetus leucocephalus</i> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.	Breeds Sep 1 to Jul 31

NAME	BREEDING SEASON
Black-billed Cuckoo <i>Coccyzus erythrophthalmus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9399	Breeds May 15 to Oct 10
Bobolink <i>Dolichonyx oryzivorus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 20 to Jul 31
Brown-headed Nuthatch <i>Sitta pusilla</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds Mar 1 to Jul 15
Cerulean Warbler <i>Dendroica cerulea</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/2974	Breeds Apr 23 to Jul 20
Chimney Swift <i>Chaetura pelagica</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Mar 15 to Aug 25
Eastern Whip-poor-will <i>Antrostomus vociferus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 1 to Aug 20
Field Sparrow <i>Spizella pusilla</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds Mar 1 to Aug 15
Kentucky Warbler <i>Oporornis formosus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Apr 20 to Aug 20
Lesser Yellowlegs <i>Tringa flavipes</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9679	Breeds elsewhere
Little Blue Heron <i>Egretta caerulea</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds Mar 10 to Oct 15
Prairie Warbler <i>Dendroica discolor</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 1 to Jul 31
Prothonotary Warbler <i>Protonotaria citrea</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Apr 1 to Jul 31

NAME	BREEDING SEASON
Red-headed Woodpecker <i>Melanerpes erythrocephalus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Sep 10
Rusty Blackbird <i>Euphagus carolinus</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds elsewhere
Wood Thrush <i>Hylocichla mustelina</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Aug 31

PROBABILITY OF PRESENCE SUMMARY

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season (■)



Additional information can be found using the following links:

- Birds of Conservation Concern <https://www.fws.gov/program/migratory-birds/species>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide conservation measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>

MIGRATORY BIRDS FAQ

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in

the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [Rapid Avian Information Locator \(RAIL\) Tool](#).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the [RAIL Tool](#) and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of

certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

WETLANDS

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

FRESHWATER FORESTED/SHRUB WETLAND

- [PFO1A](#)
- [PSS1Ax](#)
- [PFO1Ax](#)
- [PFO1Ch](#)
- [PFO1C](#)
- [PSS1A](#)
- [PFO6F](#)

FRESHWATER EMERGENT WETLAND

- [PEM1C](#)
- [PEM1Ax](#)
- [PEM1A](#)

RIVERINE

- [R2UBH](#)
 - [R5UBH](#)
 - [R5UBFx](#)
 - [R4SBC](#)
 - [R4SBCx](#)
 - [R2UBHx](#)
-

IPAC USER CONTACT INFORMATION

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State: AR

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Email: nicholas.dial@ardot.gov

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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: 2023-0127434
Project Name: April 2024 Pavement Preservation

September 11, 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.

Note: IPaC has provided all available attachments because this project is in multiple field office jurisdictions.

Attachment(s):

- Official Species List
- USFWS National Wildlife Refuges and Fish Hatcheries
- Migratory Birds
- Wetlands

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

This project's location is within the jurisdiction of multiple offices. However, only one species list document will be provided for all offices. The species and critical habitats in this document reflect the aggregation of those that fall in each of the affiliated office's jurisdiction. Other offices affiliated with the project:

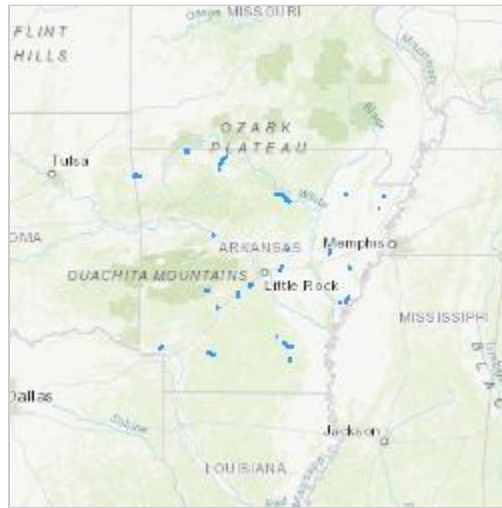
Missouri Ecological Services Field Office

101 Park Deville Drive
Suite A
Columbia, MO 65203-0057
(573) 234-2132

PROJECT SUMMARY

Project Code: 2023-0127434
Project Name: April 2024 Pavement Preservation
Project Type: Road/Hwy - Maintenance/Modification
Project Description: Pavement Preservation
Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@34.76731355,-90.76210499131531,14z>



Counties: Arkansas and Missouri

ENDANGERED SPECIES ACT SPECIES

There is a total of 26 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.

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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 General project design guidelines: https://ipac.ecosphere.fws.gov/project/XQVDDPXOMNAZ7HRESW4ZR757YE/documents/generated/6868.pdf	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 General project design guidelines: https://ipac.ecosphere.fws.gov/project/XQVDDPXOMNAZ7HRESW4ZR757YE/documents/generated/6868.pdf	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

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

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
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
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. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/10889	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 does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5165	Threatened
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
Winged Mapleleaf <i>Quadrula fragosa</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/4127	Endangered

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

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
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 is 1 critical habitat wholly or partially within your project area under this office's jurisdiction.

NAME	STATUS
Neosho Mucket <i>Lampsilis rafinesqueana</i> https://ecos.fws.gov/ecp/species/3788#crithab	Final

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

MIGRATORY BIRDS

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern \(BCC\)](#) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ [below](#). This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the [E-bird data mapping tool](#) (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found [below](#).

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
American Golden-plover <i>Pluvialis dominica</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds elsewhere
American Kestrel <i>Falco sparverius paulus</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9587	Breeds Apr 1 to Aug 31
Bald Eagle <i>Haliaeetus leucocephalus</i> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.	Breeds Sep 1 to Jul 31
Black-billed Cuckoo <i>Coccyzus erythrophthalmus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9399	Breeds May 15 to Oct 10
Bobolink <i>Dolichonyx oryzivorus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 20 to Jul 31

NAME	BREEDING SEASON
Brown-headed Nuthatch <i>Sitta pusilla</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds Mar 1 to Jul 15
Cerulean Warbler <i>Dendroica cerulea</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/2974	Breeds Apr 23 to Jul 20
Chimney Swift <i>Chaetura pelagica</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Mar 15 to Aug 25
Eastern Whip-poor-will <i>Antrostomus vociferus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 1 to Aug 20
Field Sparrow <i>Spizella pusilla</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds Mar 1 to Aug 15
Golden Eagle <i>Aquila chrysaetos</i> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1680	Breeds elsewhere
Kentucky Warbler <i>Oporornis formosus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Apr 20 to Aug 20
Lesser Yellowlegs <i>Tringa flavipes</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9679	Breeds elsewhere
Little Blue Heron <i>Egretta caerulea</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds Mar 10 to Oct 15
Prairie Warbler <i>Dendroica discolor</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 1 to Jul 31
Prothonotary Warbler <i>Protonotaria citrea</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Apr 1 to Jul 31
Red-headed Woodpecker <i>Melanerpes erythrocephalus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Sep 10

NAME	BREEDING SEASON
Rusty Blackbird <i>Euphagus carolinus</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds elsewhere
Wood Thrush <i>Hylocichla mustelina</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Aug 31

PROBABILITY OF PRESENCE SUMMARY

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season (■)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.



Additional information can be found using the following links:

- Birds of Conservation Concern <https://www.fws.gov/program/migratory-birds/species>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide conservation measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>

MIGRATORY BIRDS FAQ

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in

the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [Rapid Avian Information Locator \(RAIL\) Tool](#).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the [RAIL Tool](#) and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of

certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

WETLANDS

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

RIVERINE

- [R2UBHx](#)
- [R2UBF](#)
- [R4SBCx](#)
- [R5UBFx](#)
- [R4SBC](#)
- [R2UBH](#)
- [R5UBH](#)
- [R2UBFx](#)

FRESHWATER FORESTED/SHRUB WETLAND

- [PFO1C](#)
- [PFO6F](#)
- [PFO1A](#)
- [PFO1/4A](#)
- [PFO1F](#)

FRESHWATER EMERGENT WETLAND

- [PEM1C](#)
- [PEM1Fx](#)

FRESHWATER POND

- [PUBFh](#)
-

- [PUBHh](#)
- [PUBHx](#)

IPAC USER CONTACT INFORMATION

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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: 2023-0135355
Project Name: May 2024 Pavement Preservation

September 29, 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.

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

Project Code: 2023-0135355
Project Name: May 2024 Pavement Preservation
Project Type: Road/Hwy - Maintenance/Modification
Project Description: Pavement Preservation
Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@34.7709316,-92.52730008781823,14z>



Counties: Arkansas

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.

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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

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
<p>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</p>	Threatened
<p>Ozark Cavefish <i>Amblyopsis rosae</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6490</p>	Threatened
<p>Pallid Sturgeon <i>Scaphirhynchus albus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7162</p>	Endangered
<p>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</p>	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. Your location overlaps the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/10889	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
Salamander Mussel <i>Simpsonaias ambigua</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6208	Proposed Endangered
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

NAME	STATUS
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> 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	Endangered

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 7 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
Ouachita Fanshell <i>Cyprogenia sp. cf. aberti</i> https://ecos.fws.gov/ecp/species/10889#crithab	Final
Rabbitsfoot <i>Quadrula cylindrica cylindrica</i> https://ecos.fws.gov/ecp/species/5165#crithab	Final
Western Fanshell <i>Cyprogenia aberti</i> For information on why this critical habitat appears for your project, even though Western Fanshell is not on the list of potentially affected species at this location, contact the local field office. https://ecos.fws.gov/ecp/species/6895#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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Phone: 5015692617

**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 MSAT analysis required
Cultural Resources	X			CR clearances attached
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 new ROW or TCE required
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			No impacts anticipated
Public Recreation Lands	X			No impacts anticipated
Public Water Supply/WHPA		X		WHP SP (See Remarks)
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			WPC SP (See Remarks)
Water Quality	X			WPC SP (See Remarks)
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:
WPC SP: A30028, A50029, 070537, A80032, A80030, A90024, A90026, & 090602
WHP SP: A20023

Signature of Evaluator *David E. Henry* Date 11/30/2023