



## INTEROFFICE MEMORANDUM

September 24, 2020

**TO:** Master Files

**FROM:**  John Fleming, Division Head, Environmental Division 

**SUBJECT:** Job Number 012361  
FAP Number STPF-0076(235)  
Statewide UTBWC Impvts. (2020) (S)  
Various Routes and Sections  
Multiple Counties  
Tier 1 Categorical Exclusion

After appropriate environmental review, it has been determined that the subject job is 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 this project.

The purpose of this project is to apply Ultra-Thin Bonded Wearing Course, patch High Friction Surface Treatments, Asphalt Concrete Hot Mix leveling and patching, painting pavement striping and special symbols, and installing rumble strip(e)s and raised pavement markers. The attached table gives the final project locations with the scope of work and an attached map illustrates the project locations.

The project will not involve relocations, prime farmlands, wetlands, underground storage tanks, hazardous materials, any environmental justice issues, or cultural resources. This project has been determined to generate minimal air quality impacts for Clean Air Act criteria pollutants and has not been linked with any special mobile source air toxic concerns. The Cultural Resources clearance is attached.

The official species list obtained from the US Fish and Wildlife Service's Information for Planning and Consultation identified the gray bat (*Myotis grisescens*), Indiana Bat (*Myotis sodalis*), northern long-eared bat (*Myotis septentrionalis*), Ozark big-eared bat (*Corynorhinus townsendii ingens*), Eastern Black Rail (*Laterallus jamaicensis spp. jamaicensis*), Least Tern (*Sterna antillarum*), Piping Plover (*Charadrius melodus*), Red Knot (*Calidris canutus rufa*), Red-cockaded Woodpecker (*Picoides borealis*), Whooping

Crane (*Grus americana*), leopard darter (*Percina pantherina*), Ozark cavefish (*Amblyopsis rosae*), yellowcheek darter (*Etheostoma moorei*), Arkansas Fatmucket (*Lampsilis powellii*), Curtis Pearlymussel (*Epioblasma florentina curtisii*), Neosho Mucket (*Lampsilis rafinesqueana*), Ouachita Rock Pocketbook (*Arkansia wheeleri*), Pink Mucket (*Lampsilis abrupta*), Rabbitsfoot (*Theliderma cylindrica*), Scaleshell (*Leptodea leptodon*), Snuffbox Mussel (*Epioblasma triquetra*), Speckled Pocketbook (*Lampsilis streckeri*), Spectaclecase (*Cumberlandia monodonta*), Winged Mapleleaf (*Quadrula fragosa*), American burying beetle (*Nicrophorus americanus*), Benton County cave crayfish (*Cambarus aculabrum*), hell creek cave crayfish (*Cambarus zophonastes*), Geocarpon (*Geocarpon minimum*), harperella (*Ptilimnium nodosum*), Missouri bladderpod (*Physaria filiformis*), pondberry (*Lindera melissifolia*) and running buffalo clover (*Trifolium stoloniferum*) as threatened and endangered species potentially occurring within the project area. Utilizing the revised February 5, 2018 FHWA, FRA, FTA Programmatic Biological Opinion for Transportation Projects within the range of the Indiana bat and northern long-eared bat, a “no effect” determination was made for the Indiana bat and northern long-eared bat.

Due to the lack of habitat, distance to known species occurrences, and scope of the project, it has been determined that the proposed project will have “no effect” on the gray bat, Ozark big-eared bat, Eastern Black Rail, Least Tern, Piping Plover, Red Knot, Red-cockaded Woodpecker, Whooping Crane, leopard darter, Ozark cavefish, yellowcheek darter, Arkansas Fatmucket, Curtis Pearlymussel, Neosho Mucket, Ouachita Rock Pocketbook, Pink Mucket, Rabbitsfoot, Scaleshell, Snuffbox Mussel, Speckled Pocketbook, Spectaclecase, Winged Mapleleaf, American burying beetle, Benton County cave crayfish, hell creek cave crayfish, Geocarpon, Missouri bladderpod, pondberry, and running buffalo clover.

A Section 404 Permit will not be required.

JF:KR:am

Attachments:

- Project Information Table
- Project Location Map
- Cultural Resources Clearance
- Environmental Study Checklist

- c: Program Management
- Roadway Design
- Districts 2, 4, 8, 9
- FHWA

Table 1

Dist.	Co.	Rte.	Section	LD	Begin LM	End LM	UTBWC	Milling	HFST patch	ACHM LVL	ACHM PTCH	RS	RPM	STP	SS
9	Baxter	101	1	A	6.85	6.98	X	X		X			X	X	
9	Benton	72	3	A	0.00	7.57	X	X	X	X	X		X	X	X
9	Benton	94	2	A	3.93	4.35	X	X	X	X	X		X	X	
9	Benton	102	2	A	2.75	4.81	X	X	X	X	X		X	X	
9	Boone	7	20	A	11.38	11.55	X	X	X				X	X	
2	Drew	278	15	A	5.54	5.95	X	X	X				X	X	
8	Faulkner	65	9	A	9.74	10.73	X	X		X	X		X	X	X
8	Faulkner	65	9	A	16.58	17.36	X	X		X			X	X	X
8	Faulkner	65	9	A	19.25	19.45	X	X		X	X		X	X	X
6	Garland	7	9	A	1.60	1.81	X	X	X				X	X	
6	Garland	270	6	A	6.63	6.79	X	X	X		X		X	X	X
6	Garland	270	121	A	0.00	0.23	X						X	X	
6	Garland	270	122	A	0.01	0.03	X						X	X	X
2	Jefferson	54	8	A	1.42	1.81	X	X	X	X			X	X	
6	Lonoke	5	12	A	6.68	7.28	X	X	X		X		X	X	
4	Polk	71	8	A	27.29	27.59	X	X	X	X	X		X	X	
4	Polk	71	8	A	30.34	30.59	X	X	X		X		X	X	
6	Pulaski	10	8	A	12.27	12.87	X				X		X	X	
6	Pulaski	10	8	A	15.00	15.94	X	X	X		X		X	X	X
6	Pulaski	10	8	B	0.59	1.53	X	X	X				X	X	X
6	Pulaski	30	23	A	137.61	138.09	X				X	X	X	X	
6	Pulaski	30	23	B	0.19	0.64	X						X	X	
6	Pulaski	30	523	A	0.00	0.13	X	X	X				X	X	
6	Pulaski	40	33	A	143.16	144.16	X					X	X	X	
6	Pulaski	40	461	A	0.00	0.27	X	X	X				X	X	
6	Pulaski	40	462	A	0.00	0.03	X	X	X				X	X	
6	Pulaski	40	465	A	0.00	0.31	X	X		X			X	X	X
6	Pulaski	40	466	A	0.00	0.03	X	X		X			X	X	
6	Pulaski	67	10	A	0.00	0.58	X						X	X	
6	Pulaski	67	10	B	14.83	15.22	X					X	X	X	
6	Pulaski	107	1	A	0.19	0.39	X						X	X	

Dist.	Co.	Rte.	Section	LD	Begin LM	End LM	UTBWC	Milling	HFST patch	ACHM LVL	ACHM PTCH	RS	RPM	STP	SS
6	Pulaski	300	2	A	5.64	5.77	X						X	X	
6	Pulaski	430	21	A	0.00	0.47	X	X	X			X	X	X	
6	Pulaski	430	21	B	7.89	8.94	X				X	X	X	X	
6	Pulaski	430	21	B	13.16	13.44	X	X	X			X	X	X	
6	Pulaski	430	163	A	0.00	0.273	X						X	X	X
6	Pulaski	430	169	A	0.00	0.27	X						X	X	X
6	Pulaski	630	21	A	0.00	0.43	X	X	X			X	X	X	
6	Pulaski	630	21	B	7.34	7.44	X					X	X	X	
6	Pulaski	630	112	A	0.00	0.31	X	X	X			X	X	X	
6	Pulaski	630	189	A	0.00	0.25	X	X	X			X	X	X	
6	Pulaski	630	191	A	0.00	0.05	X	X	X				X	X	
6	Pulaski	630	196	A	0.08	0.59	X						X	X	X
9	Marion	125	0	A	7.49	7.64	X	X					X	X	
8	Montgomery	270	3	A	15.41	16.09	X	X		X	X	X	X	X	
6	Saline	5	8	A	5.76	6.45	X						X	X	
6	Saline	30	372	A	0.00	0.17	X	X	X				X	X	
6	Saline	30	395	A	0.00	0.14	X	X	X				X	X	
6	Saline	30	396	A	0.00	0.13	X	X	X				X	X	
6	Saline	30	397	A	0.00	0.11	X	X	X				X	X	
6	Saline	30	399	A	0.00	0.16	X	X	X				X	X	
6	Saline	67	9	A	6.02	6.48	X					X	X	X	X
4	Sebastian	540	139	A	0.00	0.23	X	X	X		X		X	X	
4	Sebastian	540	156	A	0.00	0.27	X	X					X	X	X
4	Sebastian	540	165	A	0.00	0.30	X	X	X		X		X	X	
4	Washington	49	28	A	68.52	68.62	X	X				X	X	X	
4	Washington	49	28	A	68.61	68.62	X	X							
4	Washington	49	28	B	22.81	22.91	X	X				X	X	X	
4	Washington	49	28	B	22.81	22.82	X	X							
4	Washington	49	28	A	68.71	68.90	X	X				X	X	X	
4	Washington	49	28	A	68.71	68.73	X	X					X	X	
4	Washington	49	28	B	22.52	22.72	X	X				X	X	X	
4	Washington	49	28	B	22.67	22.72	X						X	X	
4	Washington	49	28	B	22.67	22.68	X	X					X	X	

Dist.	Co.	Rte.	Section	LD	Begin LM	End LM	UTBWC	Milling	HFST patch	ACHM LVL	ACHM PTCH	RS	RPM	STP	SS
4	Washington	49	28	B	22.71	22.72	X	X					X	X	
4	Washington	49	28	A	68.95	69.05	X	X				X	X	X	
4	Washington	49	28	A	68.95	68.96	X	X							
4	Washington	49	28	B	22.38	22.48	X	X				X	X	X	
4	Washington	49	28	B	22.47	22.48	X	X							
4	Washington	49	28	A	41.52	42.09	X	X					X	X	
4	Washington	49	28	A	42.08	42.09	X	X							
4	Washington	49	28	B	49.62	49.92	X	X					X	X	
4	Washington	49	28	B	49.62	49.63	X	X							
4	Washington	49	305	A	0.00	0.29	X			X			X	X	X

Dist.-District

Co.-County

Rte.-Route

LD-Log Direction

LM-Log Mile

UTBWC-Ultra thin bonded wearing course

HFST-High Friction Surface Treatments

ACHM-Asphalt Concrete Hot Mix

RS-Rumble Strip(e)s

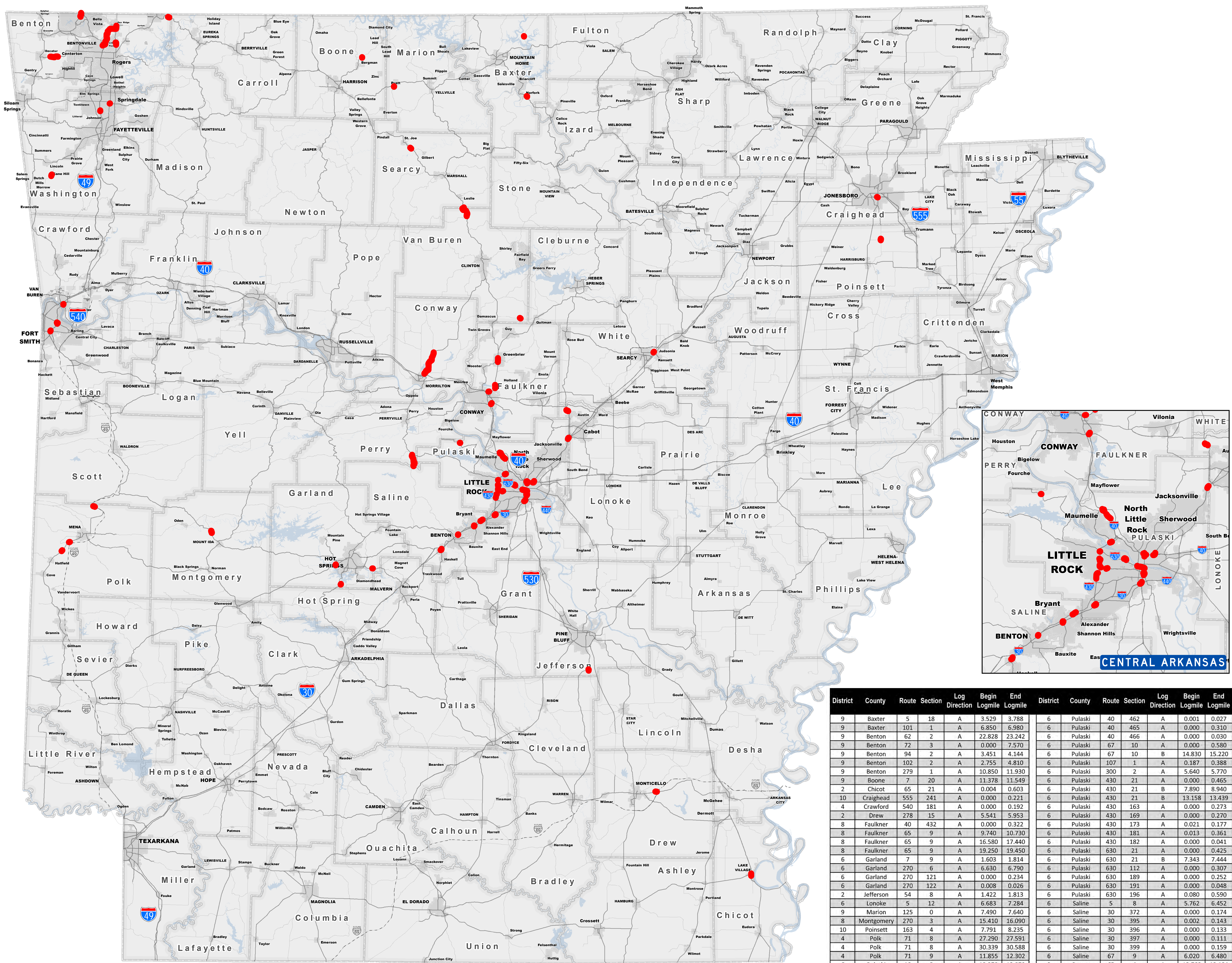
RPM-Raised Pavement Markers

STP-Striping

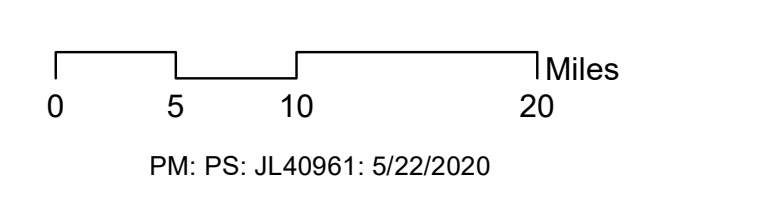
SS-Special Symbols

# Job 012361

## Statewide UTBWC Impvts. (2020) (S)



**Proposed Project Location**



PM: PS: JL40961: 5/22/2020

District	County	Route	Section	Log Direction	Begin Logmile	End Logmile	District	County	Route	Section	Log Direction	Begin Logmile	End Logmile
9	Baxter	5	18	A	3.529	3.788	6	Pulaski	40	462	A	0.001	0.027
9	Baxter	101	1	A	6.850	6.980	6	Pulaski	40	465	A	0.000	0.310
9	Benton	62	2	A	22.828	23.242	6	Pulaski	40	466	A	0.000	0.030
9	Benton	72	3	A	0.000	7.570	6	Pulaski	67	10	A	0.000	0.580
9	Benton	94	2	A	3.451	4.144	6	Pulaski	67	10	B	14.830	15.220
9	Benton	102	2	A	2.755	4.810	6	Pulaski	107	1	A	0.187	0.388
9	Benton	279	1	A	10.850	11.930	6	Pulaski	300	2	A	5.640	5.770
9	Boone	7	20	A	11.378	11.549	6	Pulaski	430	21	A	0.000	0.465
2	Chicot	65	21	A	0.004	0.603	6	Pulaski	430	21	B	7.890	8.940
10	Craighead	555	241	A	0.000	0.221	6	Pulaski	430	21	B	13.158	13.439
4	Crawford	540	181	A	0.000	0.192	6	Pulaski	430	163	A	0.000	0.273
2	Drew	278	15	A	5.541	5.953	6	Pulaski	430	169	A	0.000	0.270
8	Faulkner	40	432	A	0.000	0.322	6	Pulaski	430	173	A	0.021	0.177
8	Faulkner	65	9	A	9.740	10.730	6	Pulaski	430	181	A	0.013	0.361
8	Faulkner	65	9	A	16.580	17.440	6	Pulaski	430	182	A	0.000	0.041
8	Faulkner	65	9	A	19.250	19.450	6	Pulaski	630	21	A	0.000	0.425
6	Garland	7	9	A	1.603	1.814	6	Pulaski	630	21	B	7.343	7.444
6	Garland	270	6	A	6.630	6.790	6	Pulaski	630	112	A	0.000	0.307
6	Garland	270	121	A	0.000	0.234	6	Pulaski	630	189	A	0.000	0.252
6	Garland	270	122	A	0.008	0.026	6	Pulaski	630	191	A	0.000	0.048
2	Jefferson	54	8	A	1.422	1.813	6	Pulaski	630	196	A	0.080	0.590
6	Lonoke	5	12	A	6.683	7.284	6	Saline	5	8	A	5.762	6.452
9	Marion	125	0	A	7.490	7.640	6	Saline	30	372	A	0.000	0.174
8	Montgomery	270	3	A	15.410	16.090	6	Saline	30	395	A	0.002	0.143
10	Poinsett	163	4	A	7.791	8.235	6	Saline	30	396	A	0.000	0.133
4	Polk	71	8	A	27.290	27.591	6	Saline	30	397	A	0.000	0.111
4	Polk	71	8	A	30.339	30.588	6	Saline	30	399	A	0.000	0.159
4	Polk	71	9	A	11.855	12.302	6	Saline	67	9	A	6.020	6.480
6	Pulaski	10	8	A	12.270	12.870	9	Searcy	65	4	A	12.768	13.104
6	Pulaski	10	8	A	15.003	15.940	4	Sebastian	540	139	A	0.000	0.231
6	Pulaski	10	8	A	16.320	16.560	4	Sebastian	540	156	A	0.000	0.270
6	Pulaski	10	8	B	0.593	1.530	4	Sebastian	540	162	A	0.000	0.299
6	Pulaski	30	23	A	137.610	138.090	8	Van Buren	124	7	A	5.795	6.045
6	Pulaski	30	23	B	0.190	0.640	4	Washington	45	3	A	6.392	6.840
6	Pulaski	30	523	A	0.000	0.126	4	Washington	49	305	A	0.000	0.290
6	Pulaski	40	33	A	143.160	144.160	4	Washington	71	178	A	5.444	5.543
6	Pulaski	40	461	A	0.000	0.270	5	White	67	309	A	0.000	0.266





ARKANSAS DEPARTMENT OF TRANSPORTATION

ARDOT.gov | IDriveArkansas.com | Scott E. Bennett, P.E., Director


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## INTEROFFICE MEMORANDUM

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June 8, 2020

**TO:** Environmental Job File

**FROM:** Richard Jenkins, Cultural Resources 

**SUBJECT:** Cultural Resources Clearance  
Job Number 012361  
Statewide UTBWC Impvts. (2020) (S)  
Various Routes, Various Sections  
Various Counties

The Arkansas Department of Transportation proposes to apply an ultra-thin bonded wearing course (UTBWC) to replace the high friction surface treatment (HFST) along portions of the Arkansas Primary Highway Network, statewide. No new right-of-way will be acquired.

All work will occur on existing pavement surfaces and the extremely limited scope of the project does not have the potential to affect any undisturbed land surfaces or historic properties. This project is subject to the 1999 MOA and falls under the exempted Work Category "Safety/Traffic Operations". This project is not considered an undertaking and requires no further work or Section 106 review. Please see attached map for project locations.

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

ARDOT Job Number 012361 FAP Number STPF-0076(235)

Job Title Statewide UTBWC Impvts. (2020) (S)

Environmental Resource	None	Minimal	Major	Comments
Air Quality	X			No impacts anticipated
Cultural Resources	X			CR Clearance 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 the project area
Hazardous Materials/Landfills	X			No impacts anticipated
Land Use	X			All work within existing ROW
Migratory Birds	X			No impacts anticipated
Navigation/Coast Guard	X			None in the project area
Noise Levels	X			No impacts anticipated
Prime Farmland	X			No impacts anticipated
Protected Waters	X			WPC included, since work is to be conducted near several sensitive waterbodies.
Public Recreation Lands	X			No impacts anticipated
Public Water Supply/WHPA	X			None in the project area
Relocatees	X			No relocations
Section 4(f)/6(f)	X			No impacts anticipated
Social	X			No impacts anticipated
Underground Storage Tanks	X			No impacts anticipated
Visual	X			No impacts anticipated
Streams	X			No impacts anticipated
Water Quality	X			No impacts anticipated
Wetlands	X			None in the project area
Wildlife Refuges	X			None in the project area

Section 401 Water Quality Certification Required? No  
 Short-term Activity Authorization Required? No  
 Section 404 Permit Required? No Type \_\_\_\_\_

Remarks: \_\_\_\_\_

Signature of Evaluator Katherine Rose Date 9/11/2020