2 GOVERNING SPECIFICATIONS AND GENERAL NOTES

ARKANSAS

LICENSED

PROFESSIONAL

MENGINEER

No.13653

E. W1E

Digitally Signed 06/10/2024

GOVERNING SPECIFICATIONS

ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EDITION OF 2014, AND THE FOLLOWING SPECIAL PROVISIONS AND SUPPLEMENTAL SPECIFICATIONS:

AND SUPPLEMENTAL SPECIFICATIONS:						
NUMBER	TITLE					
ERRATA	ERRATA FOR THE BOOK OF STANDARD SPECIFICATIONS					
· · · · · · · · · · · · · · · · · · ·	REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS					
	SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - NOTICE TO CONTRACTORS					
	SUPPLEMENT - SPECIFIC EQUAL EMPLOYMENT OPPORTUNITY RESPONSIBILITIES (23 U.S.C. 140)					
	SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - GOALS AND TIMETABLES					
FHWA-1273	SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - FEDERAL STANDARDS					
	SUPPLEMENT - POSTERS AND NOTICES REQUIRED FOR FEDERAL-AID PROJECTS					
	SUPPLEMENT - WAGE RATE DETERMINATION					
	CONTRACTOR'S LICENSE					
100-4	DEPARTMENT NAME CHANGE					
102-2	ISSUANCE OF PROPOSALS					
	PREQUALIFICATION OF BIDDERS					
	CONTACT INFORMATION FOR MOTORIST DAMAGE CLAIMS					
	MAINTENANCE DURING CONSTRUCTION					
	RESTRAINING CONDITIONS					
	LIQUIDATED DAMAGES					
	WORK ALLOWED PRIOR TO ISSUANCE OF WORK ORDER					
	PROTECTION OF WATER QUALITY AND WETLANDS					
	UNCLASSIFIED EXCAVATION					
	_ AGGREGATE BASE COURSE					
306-1	QUALITY CONTROL AND ACCEPTANCE					
307-1	CEMENT					
308-1	CEMENT					
	TACK COATS					
400-4	DESIGN AND QUALITY CONTROL OF ASPHALT MIXTURES					
400-5	PERCENT AIR VOIDS FOR ACHM MIX DESIGNS					
400-6	LIQUID ANTI-STRIP ADDITIVE					
400-7	TRACKLESS TACK					
404-3	DESIGN OF ASPHALT MIXTURES					
409-2	ASPHALT LABORATORY FACILITY					
410-1	CONSTRUCTION REQUIREMENTS AND ACCEPTANCE OF ASPHALT CONCRETE PLANT MIX COURSES					
410-2	DEVICES FOR MEASURING DENSITY FOR ROLLING PATTERNS					
410-4	_ EVALUATION OF ACHM SUBLOT REPLACEMENT MATERIAL					
416-1	RECYCLED ASPHALT PAVEMENT					
501-2	CEMENT					
600-2	INCIDENTAL CONSTRUCTION					
	LANE CLOSURE NOTIFICATION					
604-1	RETROREFLECTIVE SHEETING FOR TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES					
604-3	_ TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES (MASH)					
606-1	PIPE CULVERTS FOR SIDE DRAINS					
	GUARDRAIL TERMINAL (TYPE 2)					
617-2	GUARDRAIL DELINEATORS					
	_MULCH COVER					
621-1	FILTER SOCKS					
734-1	BRIDGE END TERMINAL					
	STRUCTURES					
	CONCRETE FOR STRUCTURES					
000.4	CEMENT					

GOVERNING SPECIFICATIONS

	DB 080617 ARCHITECTURAL FINISH
	0B 080617 BIDDING REQUIREMENTS AND CONDITIONS
	DB 080617 BROADBAND INTERNET SERVICE FOR ASPHALT CONCRETE PLANT
	08 080617 BROADBAND INTERNET SERVICE FOR FIELD OFFICE
	0B 080617BUYAMERICA - CONSTRUCTION MATERIALS
	0B 080617CARGO PREFERENCE ACT REQUIREMENTS
	0B 080617 CAVE DISCOVERY
JC	0B 080617 CLASS C FLY ASH IN PORTLAND CEMENT CONCRETE PAVEMENT AND CLASS S(AE) CONCRETE
	0B 080617 COLD MILLING - COUNTY PROPERTY
	B 080617 CONCRETE BRIDGE DECK CURING AND SURFACE TREATMENT RESTRICTIONS
	08 080617 DESIGN AND QUALITY CONTROL OF ASPHALT MIXTURES
	08 080617 DESIGN OF ASPHALT MIXTURES - AGGREGATES
	B 080617 DISADVANTAGED BUSINESS ENTERPRISE BIDDER'S RESPONSIBILITIES
	B 080617 FLEXIBLE BEGINNING OF WORK - CALENDAR DAY CONTRACT
	B 080617 FOREST SERVICE REQUIREMENTS
	B 080617 GOALS FOR DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION
	B 080617 GUARDRAIL MAINTENANCE MATERIALS
	B 080617 LIQUIDATED DAMAGES PROCEDURE FOR BID LETTINGS
	B 080617_ MANDATORY ELECTRONIC CONTRACT
	B 080617 MANDATORY ELECTRONIC DOCUMENT SUBMITTAL
	B 080617 NATIVE STONE FOR DITCH LINER
	B 080617_NATVE STONE FOR RIPRAP
	B 080617 NESTING SITES OF MIGRATORY BIRDS
	B 080617_ OFF-SITE RESTRAINING CONDITIONS FOR INDIANA AND NORTHERN LONG-EARED BATS
	B 080617 PARTNERING REQUIREMENTS
	B 080617 PERCENT AIR VOIDS AND NDESIGN FOR ACHM SURFACE MIX DESIGNS
	B 080617 PLASTIC PIPE
	B 080617 PORTABLE TRAFFIC SIGNAL SYSTEM
	B 080617 PRICE ADJUSTMENT FOR ASPHALT BINDER
	B 080617_ PRICE ADJUSTMENT FOR FUEL
	B 080617 PROHIBITION OF CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT
	B 080617 REACTIVE COLOR TREATMENT
	B 080617 SHORING
	B 080617 SHORING FOR CULVERTS
	B 080617 SOL STABILIZATION
	B 080617_ SPECIAL CLEARING REQUIREMENTS
	B 080617 SPECIAL SEEDING REQUIREMENTS
	DB 080617 STAINING CONCRETE SURFACES
	B 080617 STORM WATER POLLUTION PREVENTION PLAN
	B 080617 SUBMISSION OF ASPHALT CONCRETE HOT MIX ACCEPTANCE TEST RESULTS
	B 080617 UTILITY ADJUSTMENTS
	DB 080617 VALUE ENGINEERING
	08 080617 VEGETATED BUFFER ZONE
	DB 080617 VEGETATED BOFFER ZONE
	DB 080617 WATER POLLUTION CONTROL
	18 080617 WELLHEAD PROTECTION

GENERAL NOTES

- 1. GRADE LINE DENOTES FINISHED GRADE WHERE SHOWN ON PLANS.
- 2. ALL PIPE LINES, POWER, TELEPHONE, AND TELEGRAPH LINES TO BE MOVED OR LOWERED BY THE RESPECTIVE OWNERS AS PER AGREEMENT WITH SUCH OWNERS.
- 3. ANY EQUIPMENT OR APPURTENANCE THAT INTERFERES WITH THE PROPOSED CONSTRUCTION AND WHICH MAY BE THE PROPERTY OF UTILITY SERVICE ORGANIZATIONS SHALL BE MOVED BY THE OWNERS UNLESS OTHERWISE PROVIDED.
- ALL LAND MONUMENTS LOCATED WITHIN THE CONSTRUCTION AREA SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 107.12 OF THE STANDARD SPECIFICATIONS.
- 5. ALL TREES THAT DO NOT DIRECTLY INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE SPARED AS DIRECTED BY THE ENGINEER. CARE AND DISCRETION SHALL BE USED TO ENSURE THAT ALL TREES NOT TO BE REMOVED SHALL BE HARMED AS LITTLE AS POSSIBLE DURING THE CONSTRUCTION OPERATIONS.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A FENCE TO CONTROL LIVESTOCK IN AREAS WHERE PASTURES ARE SEVERED. WIRE FENCE MAY BE CONSTRUCTED INITIALLY, OR IN LIEU THEREOF, THE CONTRACTOR AT HIS OWN EXPENSE, MAY ELECT TO PROVIDE TEMPORARY FENCING SUITABLE TO CONTAIN LIVESTOCK.
- 7. THE SEQUENCE AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS IS A GENERAL OUTLINE FOR THE CONSTRUCTION OF THIS PROJECT, AND IN NO WAY IS IT INTENDED TO COVER EVERY ITEM IN THE PROJECT. ITEMS NOT CRITICAL TO THE CONSTRUCTION SEQUENCE MAY BE CONSTRUCTED IN ANY STAGE AS APPROVED BY THE RESIDENT ENGINEER.
- ALL FLEXIBLE BASE AND ASPHALTIC PAVEMENTS REMOVED SHALL BE PAID FOR UNDER THE ITEM NO. 210 - UNCLASSIFIED EXCAVATION.
- 9. THE EXISTING ASPHALT PAVEMENT TO BE REMOVED FROM THE REMAINING PAVEMENT SHALL BE SEPARATED BY SAWING ALONG A NEAT LINE. AFTER SAWING, THE PAVEMENT TO BE REMOVED SHALL BE CAREFULLY REMOVED IN A MANNER THAT WILL NOT DAMAGE THE PAVEMENT THAT IS TO REMAIN. ANY DAMAGE OF THE ASPHALT PAVEMENT THAT IS TO REMAIN IN PLACE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

CEMENT

_ REINFORCING STEEL FOR STRUCTURES

1.2017\17017624 - 080617 Wolf Pen Creek Str-Apprs\Drawings\r080617.01Y_SUM.dgn		
Creek		
Pen		
Wolf		
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:\2017\17017624 -	DATE:	
12017	EVISED DATE:	

ITEM NUMBER

SP & 201 201

CLEARING GRUBBING

REMOVAL AND DISPOSAL OF FENCE REMOVAL AND DISPOSAL OF GATES

202	DEMOVAL AND DISPOSAL OF FERGE	109	EIN. I I.
202	REMOVAL AND DISPOSAL OF GATES	1	EACH
SP, SS, & 210	UNCLASSIFIED EXCAVATION	332	CU. YD.
SP & 210	COMPACTED EMBANKMENT	1558	CU. YD.
SP & 210	SOIL STABILIZATION	100	TON
SP, SS, & 303	AGGREGATE BASE COURSE (CLASS 7)	814	TON
SS & 401	TACK COAT	421	GAL.
SP, SS, & 406	MINERAL AGGREGATE IN ACHM BINDER COURSE (1")	307	TON
SP, SS, & 406	ASPHALT BINDER (PG 64-22) IN ACHM BINDER COURSE (1")	14	TON
SP, SS, & 407	MINERAL AGGREGATE IN ACHM SURFACE COURSE (3/8")	426	TON
SP, SS, & 407	ASPHALT BINDER (PG 64-22) IN ACHM SURFACE COURSE (3/8")	29	TON
SP & 412	COLD MILLING ASPHALT PAVEMENT	400	SQ. YD.
SP, SS, & 414	ASPHALT CONCRETE PATCHING FOR MAINTENANCE OF TRAFFIC	2	TON
SP, SS, & 415	ACHM PATCHING OF EXISTING ROADWAY	50	TON
SP, SS, & 504	APPROACH GUTTERS	45.58	CU. YD.
601	MOBILIZATION	1.00	LUMP SUM
SP & 602	FURNISHING FIELD OFFICE	1	EACH
SS & 603	MAINTENANCE OF TRAFFIC	1.00	LUMP SUM
SS & 604	SIGNS	910	SQ. FT.
SS & 604	BARRICADES	16	LIN. FT.
SS & 604	TRAFFIC DRUMS	53	EACH
SS & 604	FURNISHING AND INSTALLING PRECAST CONCRETE BARRIER	740	LIN. FT.
SS & 604	RELOCATING PRECAST CONCRETE BARRIER	160	LIN. FT.
604	CONSTRUCTION PAVEMENT MARKINGS	1873	LIN. FT.
604	REMOVABLE CONSTRUCTION PAVEMENT MARKINGS	276	LIN. FT.
604	REMOVAL OF CONSTRUCTION PAVEMENT MARKINGS	193	LIN. FT.
604	REMOVAL OF PERMANENT PAVEMENT MARKINGS	1872	LIN. FT.
SS & 606	24" REINFORCED CONCRETE PIPE CULVERTS (CLASS IV)	41	LIN. FT.
SP. SS. & 606	18" SIDE DRAIN	42	LIN. FT.
SS & 606	24" FLARED END SECTIONS FOR REINFORCED CONCRETE PIPE CULVERTS		EACH
		1 50	
SS & 606	SELECTED PIPE BEDDING	50	CU. YD.
SS & 609	DROP INLETS (TYPE E)	1	EACH
SS & 611	4" PIPE UNDERDRAINS	500	LIN. FT.
SS & 611	UNDERDRAIN OUTLET PROTECTORS	4	EACH
SS & 615	PAVEMENT REPAIR OVER CULVERTS (CONCRETE)	4.3	CU. YD.
SP, SS, & 617	GUARDRAIL (TYPE A)	75	LIN. FT.
SP, SS, & 617	GUARDRAIL TERMINAL (TYPE 2)	3	EACH
SP, SS, & 617	THRIE BEAM GUARDRAIL TERMINAL	3	EACH
SP SP	GUARDRAIL MAINTENANCE MATERIALS	1.00	
			LUMP SUM
SS & 619	WIRE FENCE (TYPE D)	138	LIN. FT.
SS & 619		ERNATE NO. 1) 1	EACH
SS & 619		ERNATE NO. 2) 1	EACH
620	LIME	1	TON
SP & 620	SPECIAL SEEDING	0.72	ACRE
SP, SS, & 620	SPECIAL MULCH COVER	1.44	ACRE
620	WATER	88.2	M. GAL.
621	TEMPORARY SEEDING	0.72	ACRE
621	SILTFENCE	1005	LIN. FT.
621	SAND BAG DITCH CHECKS	220	
			BAG
621	DROP INLET SILT FENCE	40	LIN. FT.
621	SEDIMENT BASIN	100	CU. YD.
621	OBLITERATION OF SEDIMENT BASIN	100	CU. YD.
621	SEDIMENT REMOVAL AND DISPOSAL	157	CU. YD.
621	ROCK DITCH CHECKS	36	CU. YD.
SS & 621	FILTER SOCK (18")	1120	LIN. FT.
SP & 623	SPECIAL SECOND SEEDING APPLICATION	0.72	ACRE
624	SOLID SODDING	8	SQ. YD.
	EROSION CONTROL MATTING (CLASS 3)		
626		52	SQ. YD.
635	ROADWAY CONSTRUCTION CONTROL	1.00	LUMP SUM
SP	PORTABLE TRAFFIC SIGNAL SYSTEM - ACTUATED	1.00	LUMP SUM
718	REFLECTORIZED PAINT PAVEMENT MARKING WHITE (6")	1870	LIN. FT.
718	REFLECTORIZED PAINT PAVEMENT MARKING YELLOW (6")	1870	LIN. FT.
721	RAISED PAVEMENT MARKERS (TYPE II)	12	EACH
SS & 731	TEMPORARY IMPACT ATTENUATION BARRIER	8	EACH
SS & 731	TEMPORARY IMPACT ATTENUATION BARRIER (REPAIR)	14	EACH
SS & 731	TEMPORARY IMPACT ATTENUATION BARRIER (RELOCATION)	2	EACH
SS & 734	BRIDGE END TERMINAL	1	EACH
SS & 804	REINFORCING STEEL-ROADWAY (GRADE 60)	4038	POUND
SS & 816	CONCRETE RIPRAP	48	CU. YD.
SP	NATIVE STONE FOR DITCH LINER	53	TON
	STRUCTURES OVER 20' SPAN		
205	REMOVAL OF EXISTING BRIDGE STRUCTURE (SITE NO. 1)	1.00	LUMP SUM
636	BRIDGE CONSTRUCTION CONTROL	1.00	LUMP SUM
801	UNCLASSIFIED EXCAVATION FOR STRUCTURES-BRIDGE	722	CU. YD.
SP, SS, & 802	CLASS S CONCRETE-BRIDGE	213.60	CU. YD.
SP, SS, & 802	CLASS S CONCRETE-BRIDGE		CU. YD.
		156.60	
SP	ARCHITECTURAL FINISH	1582	SQ. FT.
SP	STAINING CONCRETE SURFACES	2748	SQ. FT.
SP & 803	CLASS 2 PROTECTIVE SURFACE TREATMENT	213.3	SQ. YD.
SS & 804	REINFORCING STEEL-BRIDGE (GRADE 60)	24050	POUND
SS & 804	EPOXY COATED REINFORCING STEEL (GRADE 60)	43660	POUND
SS & 805	STEEL PILING (HP 12X53)	368	LIN. FT.
J Q Q J J J	STEEL PILING (HP 12X33) STEEL PILING (HP 14X73)	156	
CC 0 00F			LIN. FT.
SS & 805	PREBORING	466	LIN. FT.
SS & 805		42	LIN. FT.
SS & 805 SS & 805	PILE ENCASEMENT		EACH
SS & 805	PILE ENCASEMENT	1	
SS & 805 SS & 805 812		1 378	
SS & 805 SS & 805 812 SS & 816	BRIDGE NAME PLATE (TYPE D) FILTER BLANKET	378	SQ. YD.
SS & 805 SS & 805 812	BRIDGE NAME PLATE (TYPE D)		

SUMMARY OF QUANTITIES

QUANTITY

169 1 UNIT

STATION STATION

LIN. FT. EACH

ITEM

	DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
	06-10-2024				6	ARK.		22	59
					JOB N	10.	080617		
2				SUMMA	ARY OF	QUANTITIES A	ND REV	/ISIONS	

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REVISIONS

REVISIONS					
DATE	REVISION	SHEET NUMBER			
6/10/2024	ADDED SS 102-3 "PREQUALIFICATION OF BIDDERS".	3, 22			