GOVERNING SPECIFICATIONS

ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EDITION OF 2014, AND THE FOLLOWING SPECIAL PROVISIONS 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 SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - FEDERAL STANDARDS
	SUPPLEMENT - POSTERS AND NOTICES REQUIRED FOR FEDERAL-AID PROJECTS
	SUPPLEMENT - WAGE RATE DETERMINATION
	CONTRACTOR'S LICENSE
	DEPARTMENT NAME CHANGE ISSUANCE OF PROPOSALS
	PREQUALIFICATION OF BIDDERS
103-2	CONTACT INFORMATION FOR MOTORIST DAMAGE CLAIMS
	MAINTENANCE DURING CONSTRUCTION
107-2 108-1	RESTRAINING CONDITIONS LIQUIDATED DAMAGES
	WORK ALLOWED PRIOR TO ISSUANCE OF WORK ORDER
	PROTECTION OF WATER QUALITY AND WETLANDS
	UNCLASSIFIED EXCAVATION
	AGGREGATE BASE COURSE QUALITY CONTROL AND ACCEPTANCE
	CEMENT
	CEMENT
400-1 400-4	TACK COATS DESIGN AND QUALITY CONTROL OF ASPHALT MIXTURES
	PERCENT AIR VOIDS FOR ACHM MIX DESIGNS
400-6	LIQUID ANTI-STRIP ADDITIVE
	TRACKLESS TACK
	DESIGN OF ASPHALT MIXTURES ASPHALT LABORATORY FACILITY
	CONSTRUCTION REQUIREMENTS AND ACCEPTANCE OF ASPHALT CONCRETE PLANT MIX COURSES
410-2	DEVICES FOR MEASURING DENSITY FOR ROLLING PATTERNS
	EVALUATION OF ACHM SUBLOT REPLACEMENT MATERIAL RECYCLED ASPHALT PAVEMENT
416-1 501-2	CEMENT
505-1	PORTLAND CEMENT CONCRETE DRIVEWAY
	INCIDENTAL CONSTRUCTION
	LANE CLOSURE NOTIFICATION RETROREFLECTIVE SHEETING FOR TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES
	TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES (MASH)
605-1	CONCRETE DITCH PAVING
	PIPE CULVERTS FOR SIDE DRAINS
617-1 617-2	GUARDRAIL TERMINAL (TYPE 2) GUARDRAIL DELINEATORS
	MULCH COVER
	FILTER SOCKS
	STRUCTURES CONCRETE FOR STRUCTURES
	CEMENT
	REINFORCING STEEL FOR STRUCTURES
	STEEL STRUCTURES INSTALLATION OF ELASTOMERIC BEARINGS
	ELASTOMERIC BEARINGS
JOB 110715_	BIDDING REQUIREMENTS AND CONDITIONS
	BROADBAND INTERNET SERVICE FOR ASPHALT CONCRETE PLANT
	BROADBAND INTERNET SERVICE FOR FIELD OFFICE BUY AMERICA - CONSTRUCTION MATERIALS
JOB 110715_	CARGO PREFERENCE ACT REQUIREMENTS
	CLASS C FLY ASH IN PORTLAND CEMENT CONCRETE PAVEMENT AND CLASS S(AE) CONCRETE
	COLD MILLING - COUNTY PROPERTY CONCRETE BRIDGE DECK CURING AND SURFACE TREATMENT
	CONSTRUCTION IN SPECIAL FLOOD HAZARD AREAS
JOB 110715_	CULVERT CLEAN OUT
	DESIGN AND QUALITY CONTROL OF ASPHALT MIXTURES DISADVANTAGED BUSINESS ENTERPRISE BIDDER'S RESPONSIBILITIES
	FLEXIBLE BEGINNING OF WORK - CALENDAR DAY CONTRACT
JOB 110715_	GOALS FOR DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION
	LIQUIDATED DAMAGES PROCEDURE FOR BID LETTINGS
	MANDATORY ELECTRONIC CONTRACT MANDATORY ELECTRONIC DOCUMENT SUBMITTAL
JOB 110715_	NESTING SITES OF MIGRATORY BIRDS
	PARTNERING REQUIREMENTS
	PERCENT AIR VOIDS AND NDESIGN FOR ACHM SURFACE MIX DESIGNS PLASTIC PIPE
	PRICE ADJUSTMENT FOR ASPHALT BINDER
	PRICE ADJUSTMENT FOR FUEL
	PROHIBITION OF CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT RESTRAINING CONDITIONS
	SECTION 404 NATIONWIDE 23 PERMIT REQUIREMENTS
JOB 110715_	SHORING FOR CULVERTS
	SOIL STABILIZATION
	STORM WATER POLLUTION PREVENTION PLAN SUBMISSION OF ASPHALT CONCRETE HOT MIX ACCEPTANCE TEST RESULTS
JOB 110715_	UTILITY ADJUSTMENTS
	VALUE ENGINEERING
JOB 110/15_	WARM MIX ASPHALT



(2) GOVERNING SPECIFICATIONS & GENERAL NOTES



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
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING U.S. MAILBOXES WITHIN THE PROJECT LIMITS IN SUCH A MANNER THAT THE PUBLIC MAY RECEIVE CONTINUED MAIL SERVICE. PAYMENT WILL BE CONSIDERED INCLUDED IN THE PRICE BID FOR THE VARIOUS BID ITEMS.
- 5. ALL LAND MONUMENTS LOCATED WITHIN THE CONSTRUCTION AREA SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 107.12 OF THE STANDARD SPECIFICATIONS.
- 6. 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.
- 7. 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.
- 8. 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
- 9. ALL FLEXIBLE BASE AND ASPHALTIC PAVEMENTS REMOVED SHALL BE PAID FOR UNDER THE ITEM NO. 210 -
- 10. 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.

SUMMARY OF QUANTITIES

ITEM NUMBER	ITEM	QUANTITY	UNIT
201	CLEARING	51	STATION
201	GRUBBING	51	STATION
	REMOVAL AND DISPOSAL OF CONCRETE DRIVEWAYS	44	SQ. YD.
202	REMOVAL AND DISPOSAL OF PIPE CULVERTS	2	EACH
202 SP & 207	REMOVAL AND DISPOSAL OF GUARDRAIL STONE BACKFILL	105 3198	LIN. FT. TON
208	GTONE BOOK IEE FENCE REMOVED AND RECONSTRUCTED	168	LIN. FT.
	UNCLASSIFIED EXCAVATION	14807	CU YD.
	COMPACTED EMBANKMENT	33552	CU. YD.
	SOIL STABILIZATION	200	TON
	AGGREGATE BASE COURSE (CLASS 7)	7751	TON
	TACK COAT MINISTAL ACCIDE CATE IN ACUMADINDED COURSE (41)	1259 1000	GAL.
	MINERAL AGGREGATE IN ACHM BINDER COURSE (1") ASPHALT BINDER (PG 64-22) IN ACHM BINDER COURSE (1")	45	TON TON
	MINERAL AGGREGATE IN ACHM SURFACE COURSE (1/2")	2285	TON
	ASPHALT BINDER (PG 64-22) IN ACHM SURFACE COURSE (1/2")	141	TON
	COLD MILLING ASPHALT PAVEMENT	1333	SQ. YD.
	ASPHALT CONCRETE PATCHING FOR MAINTENANCE OF TRAFFIC	17	TON
	ACHM PATCHING OF EXISTING ROADWAY	10	TON
	APPROACH SLABS	114.00	CU. YD.
	APPROACH GUTTERS	16.80	CU. YD.
SP, SS, & 505 601	PORTLAND CEMENT CONCRETE DRIVEWAY MOBILIZATION	67.12 1.00	SQ. YD. LUMP SUM
	INDUILIZATION FURNISHING FIELD OFFICE	1.00	EACH
SS & 603	MAINTENANCE OF TRAFFIC	1.00	LUMP SUM
	48" TEMPORARY CULVERT	96	LIN. FT.
SS & 604	SIGNS	643	SQ. FT.
	BARRICADES	96	LIN. FT.
SS & 604	TRAFFIC DRUMS	131	EACH
	FURNISHING AND INSTALLING PRECAST CONCRETE BARRIER	1038	LIN. FT.
SS & 604 604	RELOCATING PRECAST CONCRETE BARRIER CONSTRUCTION PAVEMENT MARKINGS	266 40634	LIN. FT. LIN. FT.
604	REMOVABLE CONSTRUCTION PAVEMENT MARKINGS	2842	LIN. FT.
604	REMOVAL OF PERMANENT PAVEMENT MARKINGS	5149	LIN FT
SS & 604	VERTICAL PANELS	66	EACH
	CONCRETE DITCH PAVING (TYPE B)	111	SQ. YD.
SP	CULVERT CLEAN OUT	1	EACH
	48" REINFORCED CONCRETE PIPE CULVERTS (CLASS IV)	150	LIN.FT.
	18" SIDE DRAIN	58	LIN. FT.
	24" SIDE DRAIN	42 6	LIN. FT. EACH
SS & 606 SS & 606	48" FLARED END SECTIONS FOR REINFORCED CONCRETE PIPE CULVERTS SELECTED PIPE BEDDING	30	CU YD
SS & 611	UNDERDRAIN OUTLET PROTECTORS	18	EACH
	4" PIPE UNDERDRAINS	2700	LIN. FT.
	GUARDRAIL (TYPE A)	450	LIN. FT.
SS & 617	GUARDRAIL TERMINAL (TYPE 2)	4	EACH
	THRIE BEAM GUARDRAIL TERMINAL	4	EACH
620	LIME	23	TON
620	ISEEDING MILEURO	11.45 56.70	ACRE
	MULCH COVER WATER	2093.2	ACRE M. GAL.
621	TEMPORARY SEEDING	45.25	ACRE
621	SILT FENCE	10597	LIN. FT.
621	SAND BAG DITCH CHECKS	88	BAG
621	SEDIMENT BASIN	2119	CU. YD.
621	OBLITERATION OF SEDIMENT BASIN	2119	CU. YD.
621 621	SEDIMENT REMOVAL AND DISPOSAL ROCK DITCH CHECKS	2565 172	CU. YD.
	FILTER SOCK (18")	261	LIN. FT.
623	SECOND SEEDING APPLICATION	11.45	ACRE
	SOLID SODDING	175	SQ. YD.
635	ROADWAY CONSTRUCTION CONTROL	1.00	LUMP SUM
718	REFLECTORIZED PAINT PAVEMENT MARKING WHITE (6")	9346	LIN. FT.
	REFLECTORIZED PAINT PAVEMENT MARKING YELLOW (6")	9346	LIN. FT.
721 SS & 731	RAISED PAVEMENT MARKERS (TYPE II) TEMPORARY IMPACT ATTENUATION BARRIER	267 4	EACH EACH
SS & 731	TEMPORARY IMPACT ATTENUATION BARRIER (REPAIR)	4	EACH
	UNCLASSIFIED EXCAVATION FOR STRUCTURES-ROADWAY	17	CU. YD.
	CLASS S CONCRETE-ROADWAY	34.48	CU. YD.
	REINFORCING STEEL-ROADWAY (GRADE 60)	19829	POUND
	STRUCTURES OVER 20' SPAN		
	REMOVAL OF EXISTING BRIDGE STRUCTURE (SITE NO. 1)	1.00	LUMP SUM
	REMOVAL OF EXISTING BRIDGE STRUCTURE (SITE NO. 2) REMOVAL OF EXISTING BRIDGE STRUCTURE (SITE NO. 3)	1.00	LUMP SUM
205 205	REMOVAL OF EXISTING BRIDGE STRUCTURE (SITE NO. 3) REMOVAL OF EXISTING BRIDGE STRUCTURE (SITE NO. 4)	1.00 1.00	LUMP SUM
	REMOVAL OF EAST LING BRIDGE STRUCTURE (SITE NO. 4) BRIDGE CONSTRUCTION CONTROL BRIDGE CONSTRUCTION CONTROL	1.00	LUMP SUM
801	UNICLASSIFIED EXCAVATION FOR STRUCTURES-BRIDGE	48	CU. YD.
801	UNCLASSIFIED EXCAVATION FOR STRUCTURES-ROADWAY	193	CU. YD.
SP, SS, & 802	CLASS S CONCRETE-ROADWAY	426.60	CU. YD.
	CLASS S CONCRETE-BRIDGE	166.50	CU. YD.
	(CLASS S(AE) CONCRETE-BRIDGE	234.40	CU. YD.
	PRESTRESSED CONCRETE GIRDERS (TYPE III)	780	LIN.FT.
	CLASS 2 PROTECTIVE SURFACE TREATMENT REINFORCING STEEL-ROADWAY (GRADE 60)	862.7 58319	SQ. YD. POUND
	REINFORCING STEEL-ROADWAY (GRADE 60)	39260	POUND
SS & 804	EPOXY COATED REINFORCING STEEL (GRADE 60)	68583	POUND
	STEEL SHELL PILING (18" DIAMETER)	770	LIN. FT.
SS & 805	STEEL SHELL PILING (24" DIAMETER)	770	LIN FT.
	PILE ENCASEMENT	100	LIN. FT.
	STRUCTURAL STEEL IN BEAM SPANS (A709, GR. 50W)	7007	POUND
SS & 807	ELACTOMEDIO DE ADINIO		CU. IN.
SS & 807 SS & 808	ELASTOMERIC BEARINGS	10296	
SS & 807 SS & 808 SS & 809	SIICONE JOINT SEALANT	86	LIN. FT.
SS & 807 SS & 808 SS & 809 812			

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.			
				JOB NO.		110715	51	95

2 SUMMARY OF QUANTITIES AND REVISIONS



REVISIONS

DATE	REVISION	SHEET NUMBER
6/10/2024	ADDED SS 103-2: PREQUALIFICATION OF BIDDERS, REVISED UTILITY ADJUSTMENTS SPECIAL PROVISION, ADDED RESTRAINING CONDITIONS SPECIAL PROVISION.	3 & 51