

ADDENDUM NO. 1

ARKANSAS DEPARTMENT OF TRANSPORTATION

PROGRAM MANAGEMENT DIVISION

LITTLE ROCK, ARKANSAS

October 15, 2020

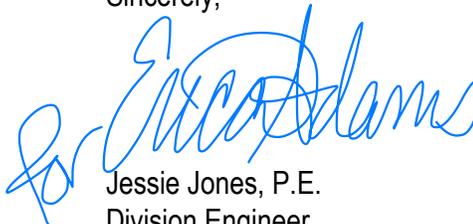
TO: Eligible Bidders – Jobs: 061457 090438 100878

SUBJECT: Plan and Proposal Documents Changes

The Supplemental Specification SS 100-3 “Contractor’s License” has been revised and the Supplemental Specifications SS 400-7 “Trackless Tack” and SS 502-1 “Welded Wire Reinforcement” have been added. Plan Sheets, Supplemental Specifications and Special Provisions Listings, Schedule of Items and EBS files have been revised to reflect these changes. Enclosed are copies for each project listed above. You should substitute these items into your plan set and proposal documents for each project you are an eligible bidder on and consider these revisions when submitting your bid.

ACKNOWLEDGEMENT OF ADDENDUM NO. 1 SHALL BE MADE BY SIGNING BELOW AND SUBMITTING THIS SIGNED FORM TO THE PROGRAM MANAGEMENT DIVISION BY EMAIL AT pmd@ardot.gov OR BY FAX AT (501)569-2623.

Sincerely,



Jessie Jones, P.E.
Division Engineer
Program Management

Name

Company

EMAILED ADDENDA

Arkansas Department of Transportation
Supplemental Specifications and Special Provisions Listing
State Job Number 061457

The following supplemental specifications and special provisions for this project supplement the standard specifications, edition of 2014. In case of conflict, the supplemental specifications and special provisions shall govern.

ERRATA	ERRATA FOR THE BOOK OF STANDARD SPECIFICATIONS
FHWA-1273	REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS
FHWA-1273	SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - NOTICE TO CONTRACTORS
FHWA-1273	SUPPLEMENT - SPECIFIC EQUAL EMPLOYMENT OPPORTUNITY RESPONSIBILITIES (23 U.S.C. 140)
FHWA-1273	SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - GOALS AND TIMETABLES
FHWA-1273	SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - FEDERAL STANDARDS
FHWA-1273	SUPPLEMENT - POSTERS AND NOTICES REQUIRED FOR FEDERAL-AID PROJECTS
FHWA-1273	SUPPLEMENT - WAGE RATE DETERMINATION
JOB SP	CARGO PREFERENCE ACT REQUIREMENTS
JOB SP	DOCUMENTATION OF PAYMENTS MADE TO DISADVANTAGED BUSINESS ENTERPRISES
JOB SP	ESTABLISHING CONTRACT TIME - WORKING DAY CONTRACT
JOB SP	BIDDING REQUIREMENTS AND CONDITIONS
JOB SP	MANDATORY ELECTRONIC CONTRACT
JOB SP	MANDATORY ELECTRONIC DOCUMENT SUBMITTAL
JOB SP	FLEXIBLE BEGINNING OF WORK
JOB SP	SOIL STABILIZATION
JOB SP	SUBMISSION OF ASPHALT CONCRETE HOT MIX ACCEPTANCE TEST RESULTS
JOB SP	PRICE ADJUSTMENT FOR ASPHALT BINDER
JOB SP	BROADBAND INTERNET SERVICE FOR ASPHALT CONCRETE PLANT
JOB SP	WARM MIX ASPHALT
JOB SP	BROADBAND INTERNET SERVICE FOR FIELD OFFICE
JOB SP	ACTUATED CONTROLLER
JOB SP	CABINET DRAWER ASSEMBLY
JOB SP	EMERGENCY BATTERY BACKUP SYSTEM INSTALLATION
JOB SP	RAILROAD PREEMPTION INTERCONNECT SYSTEM
JOB SP	SYSTEM LOCAL CONTROLLER
JOB SP	LED BLANK OUT SIGN
JOB SP	RETROREFLECTIVE BACKPLATES
JOB SP	ELECTRICAL CONDUCTORS FOR LUMINAIRES
JOB SP	ELECTRICAL CONDUCTORS-IN-CONDUIT
JOB SP	LED LUMINAIRE ASSEMBLY (BUG U0 TYPE)
JOB SP	LED TRAFFIC SIGNAL HEAD
JOB SP	SERVICE POINT ASSEMBLY (TRAFFIC CONTROL DEVICES)
JOB SP	THERMOPLASTIC PAVEMENT MARKING (YIELD LINE)
JOB SP	STREET NAME SIGN (MAST ARM MOUNTED)
JOB SP	EDGE CARD VIDEO PROCESSOR

Arkansas Department of Transportation
Supplemental Specifications and Special Provisions Listing
State Job Number 061457

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JOB SP	VIDEO DETECTOR (COLOR)
JOB SP	SHORING FOR CULVERTS
JOB SP	INSURANCE, CONSTRUCTION, AND FLAGGING REQUIREMENTS ON RAILROAD PROPERTY (UPRR)
JOB SP	STORM WATER POLLUTION PREVENTION PLAN
JOB SP	DELAY IN RIGHT OF WAY OCCUPANCY
JOB SP	UTILITY ADJUSTMENTS
SP 108-1	LIQUIDATED DAMAGES
SS 100-3	CONTRACTOR'S LICENSE
SS 100-4	DEPARTMENT NAME CHANGE
SS 102-2	ISSUANCE OF PROPOSALS
SS 108-2	WORK ALLOWED PRIOR TO ISSUANCE OF WORK ORDER
SS 110-1	PROTECTION OF WATER QUALITY AND WETLANDS
SS 210-1	UNCLASSIFIED EXCAVATION
SS 303-1	AGGREGATE BASE COURSE
SS 306-1	QUALITY CONTROL AND ACCEPTANCE
SS 400-1	TACK COATS
SS 400-4	DESIGN AND QUALITY CONTROL OF ASPHALT MIXTURES
SS 400-5	PERCENT AIR VOIDS FOR ACHM MIX DESIGNS
SS 400-6	LIQUID ANTI-STRIP ADDITIVE
SS 400-7	TRACKLESS TACK
SS 404-3	DESIGN OF ASPHALT MIXTURES
SS 410-1	CONSTRUCTION REQUIREMENTS AND ACCEPTANCE OF ASPHALT CONCRETE PLANT MIX COURSES
SS 410-2	DEVICES FOR MEASURING DENSITY FOR ROLLING PATTERNS
SS 502-1	WELDED WIRE REINFORCEMENT
SS 505-1	PORTLAND CEMENT CONCRETE DRIVEWAY
SS 600-2	INCIDENTAL CONSTRUCTION
SS 603-1	LANE CLOSURE NOTIFICATION
SS 604-1	RETROREFLECTIVE SHEETING FOR TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES
SS 604-3	TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES (MASH)
SS 605-1	CONCRETE DITCH PAVING
SS 606-1	PIPE CULVERTS FOR SIDE DRAINS
SS 620-1	MULCH COVER
SS 621-1	FILTER SOCKS
SS 632-1	CONCRETE ISLAND
SS 634-1	CURBING

Arkansas Department of Transportation
Supplemental Specifications and Special Provisions Listing
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SS 700-2	TRAFFIC CONTROL FACILITIES
SS 723-1	GENERAL REQUIREMENTS FOR SIGNS
SS 729-1	CHANNEL POST SIGN SUPPORT

Arkansas Department of Transportation
Schedule of Items

State Job No.: 061457

Date Estimated: 6/25/2020

Job Name: HWY. 319 RR SIG. UPGRADE & TRAFFIC SIG. (WARD) (S)

Date Revised: 10/8/2020

Federal Aid Project: RPD-STPU-0043(29)

Line Number	Item Code and Description	Estimated Quantity	Unit Bid Price	Price Extension
Section 01 - PROPOSAL ITEMS				
0001	201 - CLEARING	5.000 STA		
0002	201 - GRUBBING	5.000 STA		
0003	202 - REMOVAL AND DISPOSAL OF CONCRETE PAVEMENT	36.000 SQYD		
0004	202 - REMOVAL AND DISPOSAL OF PIPE CULVERTS	2.000 EACH		
0005	202 - REMOVAL AND DISPOSAL OF MAILBOXES	4.000 EACH		
0006	SS&210 - UNCLASSIFIED EXCAVATION	204.000 CUYD		
0007	210 - COMPACTED EMBANKMENT	3,499.000 CUYD		
0008	SP&210 - SOIL STABILIZATION	50.000 TON		
0009	SS&303 - AGGREGATE BASE COURSE (CLASS 7)	326.000 TON		
0010	SS&309 - PORTLAND CEMENT CONCRETE BASE (5" UNIFORM THICKNESS)	491.000 SQYD		
0011	SS&401 - TACK COAT	1,071.000 GAL		
0012	SPSS405 - MINERAL AGGREGATE IN ACHM BASE COURSE (1 1/2")	563.000 TON		
0013	SPSS405 - ASPHALT BINDER (PG 64-22) IN ACHM BASE COURSE (1 1/2") (MINIMUM BID \$120.00)	21.000 TON		
0014	SPSS406 - MINERAL AGGREGATE IN ACHM BINDER COURSE (1")	265.000 TON		
0015	SPSS406 - ASPHALT BINDER (PG 64-22) IN ACHM BINDER COURSE (1") (MINIMUM BID \$120.00)	11.000 TON		
0016	SPSS407 - MINERAL AGGREGATE IN ACHM SURFACE COURSE (1/2")	1,196.000 TON		
0017	SPSS407 - ASPHALT BINDER (PG 64-22) IN ACHM SURFACE COURSE (1/2") (MINIMUM BID \$120.00)	3.000 TON		
0018	SPSS407 - ASPHALT BINDER (PG 70-22) IN ACHM SURFACE COURSE (1/2") (MINIMUM BID \$120.00)	59.000 TON		
0019	412 - COLD MILLING ASPHALT PAVEMENT	761.000 SQYD		
0020	SPSS414 - ASPHALT CONCRETE PATCHING FOR MAINTENANCE OF TRAFFIC	5.000 TON		

Arkansas Department of Transportation
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Federal Aid Project: RPD-STPU-0043(29)

Line Number	Item Code and Description	Estimated Quantity	Unit Bid Price	Price Extension
0021	SPSS415 - ACHM PATCHING OF EXISTING ROADWAY	25.000 TON		
0022	SS&505 - PORTLAND CEMENT CONCRETE DRIVEWAY	318.080 SQYD		
0023	SP&602 - FURNISHING FIELD OFFICE	1.000 EACH		
0024	SS&603 - MAINTENANCE OF TRAFFIC	1.000 L.S.		
0025	SS&604 - SIGNS	273.000 SQFT		
0026	SS&604 - TRAFFIC DRUMS	11.000 EACH		
0027	SS&604 - TRAFFIC CONE	18.000 EACH		
0028	604 - CONSTRUCTION PAVEMENT MARKINGS	4,195.000 LF		
0029	SS&604 - VERTICAL PANELS	20.000 EACH		
0030	SS&605 - CONCRETE DITCH PAVING (TYPE B)	2.000 SQYD		
0031	606 - 18" REINFORCED CONCRETE PIPE CULVERTS (CLASS III)	171.000 LF		
0032	SS&606 - 12" SIDE DRAIN	362.000 LF		
0033	606 - 18" FLARED END SECTIONS FOR REINFORCED CONCRETE PIPE CULVERTS	3.000 EACH		
0034	606 - SELECTED PIPE BEDDING	100.000 CUYD		
0035	SS&609 - DROP INLETS (TYPE MO)	6.000 EACH		
0036	SS&609 - DROP INLETS (TYPE SPECIAL)	1.000 EACH		
0037	SS&609 - JUNCTION BOXES (TYPE E)	3.000 EACH		
0038	SS&609 - DROP INLET EXTENSIONS (4')	9.000 EACH		
0039	SS&609 - YARD DRAINS	4.000 EACH		
0040	SS&611 - 4" PIPE UNDERDRAINS	250.000 LF		
0041	615 - PAVEMENT REPAIR OVER CULVERTS (ASPHALT)	22.000 TON		
0042	SS&617 - GUARDRAIL (TYPE C)	13.000 LF		
0043	620 - LIME	2.000 TON		
0044	620 - SEEDING	1.050 ACRE		
0045	SS&620 - MULCH COVER	2.910 ACRE		
0046	620 - WATER	145.100 MGAL		
0047	621 - TEMPORARY SEEDING	1.860 ACRE		
0048	621 - SILT FENCE	1,433.000 LF		
0049	621 - SAND BAG DITCH CHECKS	88.000 BAG		
0050	621 - SEDIMENT BASIN	20.000 CUYD		

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Federal Aid Project: RPD-STPU-0043(29)

Line Number	Item Code and Description	Estimated Quantity	Unit Bid Price	Price Extension
0051	621 - OBLITERATION OF SEDIMENT BASIN	20.000 CUYD		
0052	621 - SEDIMENT REMOVAL AND DISPOSAL	93.000 CUYD		
0053	SS&621 - FILTER SOCK (18")	429.000 LF		
0054	623 - SECOND SEEDING APPLICATION	1.050 ACRE		
0055	624 - SOLID SODDING	17.000 SQYD		
0056	626 - EROSION CONTROL MATTING (CLASS 3)	276.000 SQYD		
0057	SS&632 - CONCRETE ISLAND	13.000 SQYD		
0058	SS&634 - CONCRETE COMBINATION CURB AND GUTTER (TYPE A) (1' 6")	2,030.000 LF		
0059	635 - ROADWAY CONSTRUCTION CONTROL	1.000 L.S.		
0060	637 - MAILBOXES	4.000 EACH		
0061	637 - MAILBOX SUPPORTS (SINGLE)	4.000 EACH		
0062	SP&701 - SYSTEM LOCAL CONTROLLER TS2-TYPE 2 (8 PHASES)	1.000 EACH		
0063	SP - RAILROAD PREEMPTION INTERCONNECT SYSTEM	1.000 EACH		
0064	SP - BATTERY BACKUP SYSTEM	1.000 EACH		
0065	SP - LED BLANK OUT SIGN	1.000 EACH		
0066	SP&706 - TRAFFIC SIGNAL HEAD, LED, (3 SECTION, 1 WAY)	11.000 EACH		
0067	SP&706 - TRAFFIC SIGNAL HEAD, LED, (4 SECTION, 1 WAY)	1.000 EACH		
0068	SP&706 - TRAFFIC SIGNAL HEAD, LED, (5 SECTION, 1 WAY)	1.000 EACH		
0069	708 - TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	540.000 LF		
0070	708 - TRAFFIC SIGNAL CABLE (7C/14 A.W.G.)	213.000 LF		
0071	708 - TRAFFIC SIGNAL CABLE (12C/12 A.W.G.)	75.000 LF		
0072	708 - TRAFFIC SIGNAL CABLE (20C/14 A.W.G.)	634.000 LF		
0073	SP - ELECTRICAL CONDUCTORS-IN-CONDUIT (1C/8 A.W.G., E.G.C.)	463.000 LF		
0074	SP - ELECTRICAL CONDUCTORS-IN-CONDUIT (2C/6 A.W.G.)	65.000 LF		
0075	SP - ELECTRICAL CONDUCTORS-IN-CONDUIT (2C/12 A.W.G.)	795.000 LF		

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Line Number	Item Code and Description	Estimated Quantity	Unit Bid Price	Price Extension
0076	SP - ELECTRICAL CONDUCTORS FOR LUMINAIRES	230.000 LF		
0077	709 - GALVANIZED STEEL CONDUIT (2")	20.000 LF		
0078	710 - NON-METALLIC CONDUIT (2")	49.000 LF		
0079	710 - NON-METALLIC CONDUIT (3")	485.000 LF		
0080	711 - CONCRETE PULL BOX (TYPE 2)	1.000 EACH		
0081	711 - CONCRETE PULL BOX (TYPE 1 HD)	1.000 EACH		
0082	711 - CONCRETE PULL BOX (TYPE 2 HD)	7.000 EACH		
0083	SS&714 - TRAFFIC SIGNAL MAST ARM AND POLE WITH FOUNDATION (32')	1.000 EACH		
0084	SS&714 - TRAFFIC SIGNAL MAST ARM AND POLE WITH FOUNDATION (38')	1.000 EACH		
0085	SS&714 - TRAFFIC SIGNAL MAST ARM AND POLE WITH FOUNDATION (44')	1.000 EACH		
0086	SS&714 - TRAFFIC SIGNAL MAST ARM AND POLE WITH FOUNDATION (48')	1.000 EACH		
0087	SP - LED LUMINAIRE ASSEMBLY	4.000 EACH		
0088	SP - SERVICE POINT ASSEMBLY (2 CIRCUITS)	1.000 EACH		
0089	718 - REFLECTORIZED PAINT PAVEMENT MARKING WHITE (12")	44.000 LF		
0090	719 - THERMOPLASTIC PAVEMENT MARKING WHITE (6")	1,054.000 LF		
0091	719 - THERMOPLASTIC PAVEMENT MARKING WHITE (12")	884.000 LF		
0092	719 - THERMOPLASTIC PAVEMENT MARKING YELLOW (6")	3,532.000 LF		
0093	719 - THERMOPLASTIC PAVEMENT MARKING (WORDS)	2.000 EACH		
0094	719 - THERMOPLASTIC PAVEMENT MARKING (ARROWS)	4.000 EACH		
0095	SP&719 - THERMOPLASTIC PAVEMENT MARKING (YIELD LINE)	30.000 LF		
0096	721 - RAISED PAVEMENT MARKERS (TYPE II)	34.000 EACH		
0097	SS&726 - STANDARD SIGN	5.000 SQFT		
0098	SP - 18" STREET NAME SIGN	4.000 EACH		
0099	SS&729 - CHANNEL POST SIGN SUPPORT (TYPE U-1)	2.000 EACH		
0100	SP&733 - VIDEO DETECTOR (CLR)	7.000 EACH		

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Federal Aid Project: RPD-STPU-0043(29)

Line Number	Item Code and Description	Estimated Quantity	Unit Bid Price	Price Extension
0101	733 - VIDEO CABLE	1,198.000 LF	_____	_____
0102	733 - VIDEO MONITOR (CLR)	1.000 EACH	_____	_____
0103	SP&733 - VIDEO PROCESSOR, EDGE CARD (2 CAMERA)	4.000 EACH	_____	_____
0104	SP&733 - VEHICLE DETECTOR RACK (16 CHANNEL)	1.000 EACH	_____	_____
Section 01 Total:				_____

Section 02 - 18" PIPE CULVERTS ALTERNATE - BID ONE ITEM ONLY

0105	606 - 18" REINFORCED CONCRETE PIPE	533.000 LF	_____	_____
AO - 1	CULVERTS (CLASS III)			
0106	606 - 18" SMOOTH LINED POLYMER	533.000 LF	_____	_____
AO - 2	PRECOATED METALLIC COATED CORRUGATED STEEL PIPE			
Section 02 Total:				_____

Subtotal: _____

0107	601 - MOBILIZATION (UNIT BID AMOUNT MAY NOT EXCEED 5% OF SUBTOTAL)	1.000 L.S.	_____	_____
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Bid Total: _____

This job requires the bidder to establish the contract time according to the Special Provision "Establishing Contract Time - Working Day Contract".

Days _____

ARKANSAS DEPARTMENT OF TRANSPORTATION

SUPPLEMENTAL SPECIFICATION

CONTRACTOR'S LICENSE

Section 102 of the Standard Specifications for Highway Construction, Edition of 2014, is hereby amended as follows:

The third paragraph of **Subsection 102.01, Prequalification of Bidders**, is hereby deleted and the following substituted thereof:

The attention of prospective bidders is directed to Ark. Code Ann. §17-25-101 et seq., Act 150 of the 1965 Acts of Arkansas, being an "Act Regulating the Practice of Contracting in the State of Arkansas", and any subsequent amendments made thereto. When the work offered is financed in whole with State funds and is estimated to cost \$50,000 or more, the prospective bidder must show evidence of its license and evidence of registration or license of its subcontractors with the Contractors Licensing Board for the State of Arkansas before being furnished with a proposal form.

The third paragraph of **Subsection 108.01, Subletting of Contract**, is hereby deleted and the following substituted thereof:

It shall be the responsibility of the Contractor to determine that all parties performing work amounting to \$50,000 or more are currently licensed or registered by the Contractors Licensing Board for the State of Arkansas.

ARKANSAS DEPARTMENT OF TRANSPORTATION

SUPPLEMENTAL SPECIFICATION

TRACKLESS TACK

Sections 401 and 403 of the Standard Specifications for Highway Construction, Edition of 2014, is hereby amended as follows:

The following is hereby added after the second sentence of **Subsection 401.02 Materials**:

Trackless Tack meeting the requirements of this supplemental specification may be used as Tack Coat at no additional cost to the Department.

The following is hereby added after the fifth sentence of **Subsection 401.03(c), Application of Tack Coat**:

When Trackless Tack is used, the Contractor shall follow the manufacturer's recommendations for storage, application temperature, and application rate.

The following is hereby added as the second paragraph of **Subsection 401.06, Basis of Payment**:

If the Contractor elects to use Trackless Tack in lieu of Tack Coat, the application and payment for the material used will be measured and paid for at the contract unit price bid for Tack Coat per gallon (liter).

The following is hereby added after the second sentence of the first paragraph **Subsection 403.03, Asphalt Materials**:

The manufacturer shall submit certified test results for Trackless Tack to the Engineer.

ARKANSAS DEPARTMENT OF TRANSPORTATION

SUPPLEMENTAL SPECIFICATION

TRACKLESS TACK

The following is hereby added as **Subsection 403.03 (g), Trackless Tack:**

Trackless tack shall be an anionic or cationic asphalt emulsion conforming to the requirements below:

	Test Method	Min	Max
Viscosity, Saybolt Furol at 25°C SFS	AASHTO T59	20	150
Storage stability test, 24-h, %	AASHTO T59		1
Sieve test, %	AASHTO T59		0.3
Residue by distillation, %	AASHTO T59	50	
Tests on residue from distillation:			
Penetration, 25°C, 100 g, 5 s	AASHTO T59		20
*Solubility %	AASHTO T44	97.5	
*Ash Content	AASHTO T111		1
Softening Point °C	AASHTO T53	65	

*Ash Content or Solubility may be used for testing purposes of the residue from distillation.

ARKANSAS DEPARTMENT OF TRANSPORTATION

SUPPLEMENTAL SPECIFICATION

WELDED WIRE REINFORCEMENT

Section 502 of the Standard Specifications for Highway Construction, Edition of 2014, is hereby amended as follows:

The fourth paragraph of **Subsection 502.02** is hereby deleted and the following substituted therefor:

Welded Wire Reinforcement shall comply with AASHTO M 336.