BOUND AHERIN ARE THE SUPPLEMENTAL SPECIFICATIONS, SPECIAL PROVISIONS, PROPOSAL DOCUMENTS AND SCHEDULE OF ITEMS APPlicable TO THIS PROPOSED CONSTRUCTION CONTRACT.

APPLICABLE TO THIS PROPOSED CONSTRUCTION CONTRACT, BUT NOT BOUND HERIN, ARE THE ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EDITION OF 2014, AND THE CONSTRUCTION PLANS.
Please review Section 102 of the Standard Specifications, 2014 Edition for Bidding Requirements and Conditions. **Mistakes or omissions can be costly.** Important items for you to check are included in, but not limited to, those listed below. This checklist is furnished only to assist you in submitting a proper bid. Check as you read.

- Have you contacted ARDOT (pmd@ardot.gov or 501-569-2261) to become an eligible bidder? This is required to submit a bid in the letting and must occur by 4:30pm the day prior to the letting.
- Have you acknowledged all Addenda by email or fax?
- Is the unit price entered appropriate for the item?
- Have you entered a unit price for each bid item except in the case of authorized alternate pay items? (A zero bid ($0.00) is a valid price and will be considered.)
- Have you checked the Schedule of Items for various pay items that may have a minimum or maximum unit bid price? (Refer to the Standard Specifications for further information concerning these items)
  - Asphalt Binder
  - Relocating Precast Concrete Barrier
  - Water
  - Mobilization
- Have you limited your bid for Mobilization to five percent (5%) of the subtotal?
- For Federal-aid projects, did you complete the Certification for Federal aid Contracts?
- Prior to submitting your bid, did you check for error messages, and are all the folders “green”?
- If submitting a paper copy of the Proposal Guaranty (Bid Bond) is it signed by an officer of your company **AND** the Surety Agent?
- Did you ensure your Proposal Guaranty (if you are submitting a paper bond) will arrive prior to the time and date stated on Page 2 of the Proposal Documents?
ARKANSAS DEPARTMENT OF TRANSPORTATION

NOTICE OF NONDISCRIMINATION

The Arkansas Department of Transportation (Department) complies with all civil rights provisions of federal statutes and related authorities that prohibit discrimination in programs and activities receiving federal financial assistance. Therefore, the Department does not discriminate on the basis of race, sex, color, age, national origin, religion (not applicable as a protected group under the Federal Motor Carrier Safety Administration Title VI Program), disability, Limited English Proficiency (LEP), or low-income status in the admission, access to and treatment in the Department’s programs and activities, as well as the Department’s hiring or employment practices. Complaints of alleged discrimination and inquiries regarding the Department’s nondiscrimination policies may be directed to Joanna P. McFadden Section Head – EEO/DBE (ADA/504/Title VI Coordinator), P. O. Box 2261, Little Rock, AR 72203, (501)569-2298, (Voice/TTY 711), or the following email address: joanna.mcfadden@ardot.gov

Free language assistance for Limited English Proficient individuals is available upon request.

This notice is available from the ADA/504/Title VI Coordinator in large print, on audiotape and in Braille.
Arkansas Department of Transportation  
Supplemental Specifications and Special Provisions Listing  
State Job Number SA4551

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

JOB SP  
BIDDING REQUIREMENTS AND CONDITIONS

JOB SP  
MANDATORY ELECTRONIC CONTRACT

JOB SP  
MANDATORY ELECTRONIC DOCUMENT SUBMITTAL

JOB SP  
LIQUIDATED DAMAGES PROCEDURE FOR BID LETTINGS

JOB SP  
SUBMISSION OF ASPHALT CONCRETE HOT MIX ACCEPTANCE TEST RESULTS

JOB SP  
BROADBAND INTERNET SERVICE FOR ASPHALT CONCRETE PLANT

JOB SP  
WARM MIX ASPHALT

JOB SP  
RECYCLED ASPHALT SHINGLES

JOB SP  
WATER POLLUTION CONTROL

SP 108-1  
LIQUIDATED DAMAGES

SS 100-3  
CONTRACTOR’S LICENSE

SS 100-4  
DEPARTMENT NAME CHANGE

SS 102-2  
ISSUANCE OF PROPOSALS

SS 105-4  
MAINTENANCE DURING CONSTRUCTION

SS 107-2  
RESTRAINING CONDITIONS

SS 108-2  
WORK ALLOWED PRIOR TO ISSUANCE OF WORK ORDER

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 410-4  
EVALUATION OF ACHM SUBLOT REPLACEMENT MATERIAL

SS 604-1  
RETROREFLECTIVE SHEETING FOR TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES

SS 604-3  
TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES (MASH)
Errors noted in the printed book of Standard Specifications for Highway Construction, Edition of 2014, are listed below and this publication is hereby revised as follows:

Page 124: The third sentence of the first paragraph of Subsection 110.03(c) should read: The Engineer will make a decision within 10 business days concerning the necessity or practicability of the request.

Page 195: The sixth paragraph of subsection 303.02 should read: For Classes 1 through 8 materials, the fraction passing the #200 (0.075 mm) sieve shall not be greater than three-fourths of the fraction passing the #40 (0.0425 mm) sieve. For Classes 3 through 8, the fraction passing the #40 (0.425 mm) sieve shall have a liquid limit not greater than 25.

Page 363: In the second paragraph of Subsection 502.02, the reference to ASTM 775 should be replaced by “ASTM A 775”.

Page 636: In the second paragraph of Subsection 730.02, the references to AASHTO M 183 should be replaced with ASTM A36.

Page 637: The last sentence of the second paragraph of Subsection 730.03 should read: All bolts, nuts, and washers shall be galvanized according to AASHTO M 232 or ASTM B 695, Class 40 or 50.

Page 767: In the fourth paragraph of Subsection 807.06(a), the reference to ASTM B595 should be replaced by “ASTM B695”.

Page 841: Subsection 817.04(a) should read: The treatment of lumber and timber shall meet the applicable requirements of the current edition of the AWPA, Standards U1, Commodity Specification E, Use Category UC4C.
Section 102 of the Standard Specifications for Highway Construction, Edition of 2014, is hereby amended as follows:

The fourth sentence of the second paragraph of Subsection 102.01 is hereby deleted, and the following substituted therefore:

Prospective bidders may file a questionnaire at any time; however, prospective bidders will not be given authorization to submit a proposal unless a rating has been extended based on an acceptable questionnaire.

The last paragraph of Subsection 102.01 is hereby deleted.

The second sentence of Subsection 102.02 is hereby deleted, and the following substituted therefore:

The Notice to Contractors will contain a description of the proposed work, and information regarding access to proposal documents, plans, specifications, and the amount and nature of the proposal guaranty.

Subsection 102.03 is hereby deleted, renamed Contents of Proposal Documents, and the following substituted therefore:

The proposal documents will state the location and description of the contemplated construction and will show the estimate of the various quantities and kinds of work to be performed or materials to be furnished, and will have a schedule of items. The proposal documents will state the time in which the work must be completed, the amount of the proposal guaranty, and the date and time of the letting of work. The documents will also include any special provisions or requirements that vary from or are not contained in the standard specifications.

All forms included in the proposal documents are considered a part thereof. The plans, specifications, and other documents designated in the proposal documents will be considered a part of the proposal whether included or not.

The first through fourth paragraphs of Subsection 102.04 are hereby deleted, and the following substituted therefore:

To become an eligible bidder, prospective bidders must be registered to bid in Arkansas with Bid Express. Prospective bidders must also contact the Program Management Division at (501) 569-2261 during regular business hours between the date the project is advertised and 4:30 p.m. on the day prior to the scheduled bid opening to request to become eligible to bid specific projects. Only prequalified contractors or their authorized representative may request to become an eligible bidder.
ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA4551

BIDDING REQUIREMENTS AND CONDITIONS

If the prospective bidder’s prequalification rating is not “unlimited”, the bidder shall file a certification with the Department citing all contracts in force and the unfinished value of such work. A prospective bidder will not be allowed to submit a proposal until a certification for the current bidding period is on file and the amount of work the contractor may be allowed to undertake is determined. The contractor’s prequalification rating, less the unfinished value of all contracts in force, will determine the amount of additional work that the contractor may be allowed to undertake. A contractor will not be allowed to submit a proposal on an individual project for which the estimated cost is more than the amount that the contractor may be allowed to undertake, but the contractor will be allowed to submit a proposal on more than one project, providing that the estimated cost of each project is not more than the amount that the contractor may be allowed to undertake. In the event a contractor submits a low bid on more than one project and the aggregate amount is greater than the amount the contractor may be allowed to undertake, the Commission will exercise its discretion in the award of a particular project or projects.

A charge will be assessed for authorization to submit a proposal, paper copies of the proposal documents, and plans issued. These services are provided during regular business hours until 4:30 p.m. on the day prior to the scheduled bid opening at the Arkansas Department of Transportation, 10324 Interstate 30, Little Rock, Arkansas 72209, (501) 569-2261. Payment shall be made at the time services are provided or upon receipt of statement therefore. No refund will be allowed for bids not submitted or for plans or proposal documents returned.

The second sentence of the first paragraph of Subsection 102.06 is hereby deleted, and the following substituted therefore:

The bidder is expected to examine carefully the site of the proposed work, the proposal documents, plans, specifications, supplemental specifications, and special provisions before submitting a proposal.

The first paragraph of Subsection 102.07 is hereby deleted, and the following substituted therefore:

The proposal shall only be submitted through the internet bidding service, Bid Express. The bidder shall specify a unit price in figures for each pay item for which a quantity is given. A unit price of “zero” ($0.00) is a valid price and will be considered. A blank unit price is not considered valid. The unit bid price should not be carried beyond 1 cent ($0.01). Any figures on the unit bid price beyond 1 cent will be dropped.

The second and third paragraphs of Subsection 102.07 are hereby deleted.
ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA4551

BIDDING REQUIREMENTS AND CONDITIONS

The fifth paragraph of **Subsection 102.07** is hereby deleted, and the following substituted therefore:

The bidder’s proposal must be submitted with a digital signature containing the name of the individual, one or more members of the partnership, one or more members or officers of each firm representing a joint venture, or one or more officers of a corporation, or by an agent of the Contractor legally qualified and acceptable to the Department.

The sixth paragraph of **Subsection 102.07** is hereby deleted, and the following substituted therefore:

If the proposal is submitted with a digital signature of any person who is not listed in the bidder’s Prequalification Questionnaire (Questionnaire Form) as the individual, as a partner of a partnership, or as an officer of a corporation, authorization for such submittal should be on file with the Department prior to the download of bids. This authorization shall be made before the downloading of bids and be in the form of a Power of Attorney duly executed and signed by an official with power to constitute such authority.

The last sentence of the seventh paragraph of **Subsection 102.07** is hereby deleted, and the following substituted therefore:

Those items of Asphalt Binder that are subject to a minimum bid price will bear the note “(Minimum bid price is $120.00 per ton)” within the Schedule of Items of the proposal documents.

The first sentence of the ninth paragraph of **Subsection 102.07** is hereby deleted, and the following substituted therefore:

The proposal documents for all federal aid projects will contain a bidders list.

The last sentence of the ninth paragraph of **Subsection 102.07** is hereby deleted, and the following substituted therefore:

The information provided will not be used for contract awarding purposes but must be provided before the Contractor will be given authorization to submit proposals for future lettings.

**Subsection 102.08 Irregular Proposals** is hereby deleted, and the following substituted therefore:

(a) Proposals will be considered irregular and will be rejected for the following reasons:

1. If the proposal does not contain a unit price for each pay item listed except in the case of authorized alternate pay items.

2. If the proposal is not digitally signed by an authorized representative of the firm.
BIDDING REQUIREMENTS AND CONDITIONS

(3) If the proposal is not accompanied by the proper proposal guaranty.

(4) If a proposal is received from an individual, firm, partnership, or corporation with an interest, as principal, in another proposal for the same project.

(5) If the proposal is not accompanied by the Certification to Submit DBE Participation.

(b) Proposals will be considered irregular and may be rejected for the following reasons:

(1) If the proposal is not accompanied by a bid schedule and bid schedule narrative as required in the proposal documents.

(2) Unbalanced proposals in which the prices for some items are out of proportion to the reasonable costs representative of those items.

(3) If there are irregularities of any kind that may tend to make the proposal incomplete, indefinite, or ambiguous as to its meaning.

The first sentence of **Subsection 102.09** is hereby deleted and the following substituted therefore:

No proposal will be considered by the Commission unless a guaranty in the form of a bank draft, certified check, or cashier’s check drawn on a solvent bank or trust company, or a bidder’s paper bond executed by an approved surety company has been received by the Program Management Division prior to the download of bids.

The following paragraph is hereby added after the first paragraph of **Subsection 102.09**:

Electronic bid bonds are allowed. The prospective bidder should verify their bid bond in their proposal prior to submission.

**Subsection 102.10** is hereby deleted and the following substituted therefore:

The proposal shall only be submitted through the internet bidding service, Bid Express.

**Subsection 102.11** is hereby deleted, and the following substituted therefore:

A bidder may withdraw or modify a proposal after it has been submitted to Bid Express, up to the time set for the deadline for proposals to be received. A proposal may also be withdrawn if the Commission fails to make an award within 40 calendar days after the date of downloading.
ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA4551

BIDDING REQUIREMENTS AND CONDITIONS

Subsection 102.12 is hereby deleted, renamed **Downloading of Proposals**, and the following substituted therefore:

Proposals will be downloaded and then posted on the Department’s website at the time and place indicated in the Notice to Contractors.

The last sentence of **Subsection 102.15** is hereby deleted, and the following substituted therefore:

In any case, the prospective bidders will be contacted prior to the download of bids.
ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA4551

MANDATORY ELECTRONIC CONTRACT

Paper Contract Documents and Forms will not be accepted.

The Department will only accept and execute an electronic contract for this project through Doc Express, a paperless contracting system. Prospective bidders will need to contact Doc Express to set up an account prior to the bid opening date. The toll-free phone number for Doc Express is 1-888-352-2439 and their website address is www.docexpress.com.

Section 103 of the Standard Specifications for Highway Construction, Edition of 2014, is hereby amended as follows.

The first sentence of Subsection 103.06(a) is hereby deleted, and the following substituted therefore:

The Contract shall be electronically signed by the successful bidder and electronically submitted to the Program Management Division, Construction Contract Procurement Section, together with the required bonds and proof of liability insurance, within 10 business days after the notice of award has been issued.

Subsection 103.08(d)(3)d. is hereby deleted, and the following substituted therefore:

Documentation of the bidder’s commitment to use a DBE subcontractor whose participation it submits to meet a contract goal; and

Subsection 103.08(d)(3)e. is hereby deleted, and the following substituted therefore:

Document confirmation from the DBE that it is participating in the contract as provided in the Contractor’s commitment.

Subsection 103.08(d)(5) is hereby deleted, and the following substituted therefore:

The preceding information shall be submitted directly to the Arkansas Department of Transportation, Program Management Division, via Doc Express.
ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA4551

MANDATORY ELECTRONIC DOCUMENT SUBMITTAL

Paper Document Submittals will not be accepted.

The Department will only accept electronically-submitted documents for consideration on this project. All correspondence and submittals to the Department shall be submitted through Doc Express, a paperless contracting system. When signed originals are required, the original shall be the document uploaded to Doc Express and the signature shall be the electronic signature applied through Doc Express. The Contractor shall use the same organizational account for project documentation as used to fulfill the requirements of the Mandatory Electronic Contract Special Provision. The toll-free phone number for Doc Express is 1-888-352-2439 and their website address is www.docexpress.com.

Any reference in the Standard Specifications to document submittal in writing or by U.S. Mail, facsimile, or in person is hereby amended to require that such documents be submitted using Doc Express with the following exceptions:

- Material delivery tickets which are used for payment or for field verification shall be submitted on paper as required by the Standard Specifications for Highway Construction, Edition of 2014.
- Any document with specific submittal requirements in state and/or federal law or federal regulations that conflict with the requirements of this Special Provision shall be submitted in accordance with such state and/or federal law or federal regulations.

A user guide is available on the Department’s web page to assist Contractors with the use of Doc Express. The “Contractor Guide to Using Doc Express” is available on the Department’s web page at https://ardot.gov/divisions/construction/doc-express/.

The Contractor may provide access for subcontractors to view and submit items in Doc Express by following the instructions provided in the “Contractor Guide to Using Doc Express”. Once an organizational account is activated and the Contractor provides access to the contract, a subcontractor may submit documents to the Contractor in Doc Express by uploading the electronic documents as directed in the User Guide. Any documents uploaded by the subcontractor must be then retrieved and published by the Contractor within Doc Express for further action by the Engineer. The Engineer will not review or take any actions on any documents submitted by the subcontractor until the document has been appropriately submitted by the Contractor.

Any submittals, documents, subcontracts, proposals, working drawings, or any other items submitted by the Contractor within Doc Express are not considered approved by the Engineer until written notification of the approval is published by the Engineer in the “CON-Correspondence–From Department to Contractor” drawer in Doc Express. Any action taken by the Contractor prior to this notification is taken at the Contractor’s own risk.

The Department’s System Administration team has no authority to take action on any documents submitted to the system. Access for this team is for management of the application only. Knowledge of any document submitted is not imputed to the Department by the knowledge of Systems Administration.

The requirements of this Special Provision shall supersede the requirements of all other Special Provisions unless such Special Provision includes a stated exception to this Special Provision.
ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA4551

LIQUIDATED DAMAGES PROCEDURE FOR BID LETTINGS

Department Standard Specification Section 102.04 and Supplemental Specification 102-2 state that the Department reserves the right to refuse to issue, accept, or consider a proposal:

“If the prospective bidder is the Contractor on a current Contract with the Commission on which Liquidated Damages are being assessed, and there are no pending time extensions warranted to remove the project from Liquidated Damages.”

If the prospective bidder goes into liquidated damages on a current Contract with the Commission during the advertisement period for a letting, the Contractor will be notified seven business days prior to the letting that they will not be allowed to bid in the upcoming letting. This notification will be officially transmitted through Doc Express for the project in liquidated damages and via email.

Upon notification that they will not be allowed to bid in the upcoming letting, the Contractor will be provided an opportunity to request a reconsideration of this decision. This request must be transmitted in the form of a letter through Doc Express and via email to the Department for review within two (2) business days of receipt. The Department will review the reconsideration request and render a decision no later than the Friday prior to the letting.

Please note, a bid may be withdrawn at any time prior to the time specified for the bid letting. If a Contractor has been notified that they will not be allowed to bid, and they do not withdraw their bid, the bid will be considered invalid and rejected.
Division 106 of the Standard Specifications for Highway Construction, Edition of 2014, is hereby amended as follows:

The following is hereby added to **Subsection 106.04, Acceptance of Materials**:

All ACHM Contractor Acceptance Tests shall be submitted electronically by use of the ACHM Microsoft Excel Spreadsheet for Contractors/Suppliers and on paper.

The ACHM Microsoft Excel Spreadsheet for Contractors/Suppliers can be downloaded from the following website: [http://www.ardot.gov/contracts/contractor_information/contractor.aspx](http://www.ardot.gov/contracts/contractor_information/contractor.aspx).

To download this file and the supporting documentation, click on the link labeled Contractor_ACHM.exe which is listed under User Help File and Utilities on the website noted above.


The preferred method of transmitting the file is to e-mail the completed ACHM Microsoft Excel Spreadsheet for Contractors/Suppliers to the Department’s ACHM Plant Inspector assigned to the project. It is also acceptable to transmit the file by Compact Disk (CD) or other electronic device. Regardless of the method of transmission used, the signed paper acceptance tests must be provided to the Resident Engineer.

Any questions or issues arising from the use of this file should be referred to the Resident Engineer.
Section 409.03(h) of the Standard Specifications for Highway Construction, Edition of 2014, is hereby amended as follows:

The following bullet is added under detailed requirements:

- Broadband Internet Service shall be provided.

The Broadband Internet Service shall be provided with an Internet Protocol (IP) address which is reachable on the global Internet (public) and which is permanently assigned (static). The Contractor is not required to provide this service if an IP address which is both static and public is not available.

If this service is not available at the beginning of a project but becomes available during the life of the project, the Contractor shall provide the service immediately from the date of availability.

The data transfer rate shall be 3 megabits per second (Mbps) download and 500 kilobits per second (kbps) upload, or higher, with latency not to exceed 150 milliseconds. If the Broadband Internet Service meets all of the requirements of this specification except for the data transfer rate and/or latency, then the best performing available connection shall be provided.

Prior to the selection of the Broadband Internet Service provider, the Contractor shall submit to the Resident Engineer, in writing, the proposed method for providing Broadband Internet Service. The Resident Engineer shall review this submittal and respond in writing regarding the acceptability of the proposed method.

The Broadband Internet Service shall be provided with equipment providing one Ethernet port.
DESCRIPTION: The Department will allow the use of Warm Mix Asphalt (WMA). All provisions for the production and placement of conventional HMA mixtures as stipulated in Section 410 Construction Requirements and Acceptance of Asphalt Concrete Plant Mix Courses of the Standard Specifications for Highway Construction, Edition 2014, are applicable except as noted below.

Section 410 Construction Requirements and Acceptance of Asphalt Concrete Plant Mix Courses of the Standard Specifications for Highway Construction, Edition of 2014, is hereby amended as follows:

Section 410.03: Replace the third sentence with “WMA production temperatures at the plant shall be according to the Contractor’s approved mix design but may be adjusted based on recommendations of the WMA additive/process manufacturer.”

Add the following paragraph: “Implementation of best management practices in the control of aggregate moisture content prior to introduction to the drying or mixing drum is highly recommended in order to achieve the maximum benefit of WMA technology.”

Section 410.07: Replace the last sentence of the first paragraph with “Spreading and finishing temperatures shall be according to the Contractor’s approved mix design, but in no case shall the WMA be placed at a temperature less than 220° F.”
ARANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA4551

RECYCLED ASPHALT SHINGLES

DESCRIPTION: This specification covers the use of Recycled Asphalt Shingles (RAS) in Asphalt Concrete Hot Mix (ACHM).

MATERIALS: ACHM utilizing RAS shall meet all of the requirements of Sections 404, 409, 410, and 416 and the requirements of Section 405, 406, or 407 for the mixture type specified on the plans. The mix design will follow AASHTO MP 23-14 and AASHTO PP 78-14 except as follows:

1. A maximum of three (3) percent RAS by total mix weight will be allowed in any mix design. The amount of RAS will be included in the total Recycled Asphalt Pavement (RAP) percentage if RAP is used.

2. Shingle material shall be processed so that 100 percent passes the 3/8” (9.5 mm) sieve and ninety-five (95) percent passes the No. 4 (4.75 mm) sieve.

3. Pre-consumer, or manufacturer waste, shingles may be used in mix designs requiring PG 64-22 binder only.

4. Post-consumer, or tear-off, shingles may be used in mix designs requiring PG 64-22 binder only.

5. Pre- and post-consumer shingles may not be combined in mix designs.

6. Tear-off shingles shall be acquired from residential sources only and shall have been produced after 1980. In no case shall a roofing material containing rubber or rubber-like polymer components be used as RAS in asphalt mixes.

7. When using tear-off shingles, one stockpile test per lot of mix shall be conducted to confirm the binder content and gradation of the RAS product, and the sample shall be representative of the RAS material entering the production process for the lot tested. Binder content and gradation shall be determined using ARDOT 450 or AASHTO T 308. If AASHTO T 308 is used, the sample size shall be 400 grams, and the sample shall be oven dried to a constant mass (at a temperature not exceeding 140°F) prior to testing. Shingle fibers shall be removed from the extracted sample prior to gradation testing.
Section 110 of the Standard Specifications for Highway Construction, Edition of 2014 is hereby amended as follows:

The following is added to Section 110:

Sedimentation, turbidity, water pollution, and other possible impacts to tributaries of Crooked Creek shall be carefully controlled and minimized on this project. Streams in close proximity to the project are considered within the Karst Groundwater Vulnerability Area. Required actions of the Contractor shall include, but are not limited to, the following:

- **The Contractor shall have absorbents in forms such as booms, pillows, or rolls on the job site capable of absorbing up to 500 gallons of petroleum based liquids.** The Contractor shall be prepared at any time to utilize these absorbents immediately as a defense response for hazardous waste spills such as emulsified asphalt products occurring as a result of this project. No work will be permitted to occur on the project unless one of the above referenced absorbents is physically on the project limits.

- **Emulsified asphalt products shall not be placed when there is any likelihood of adverse weather.** Emulsified asphalt products shall be limited to 1,500 linear feet at any one time.

- No equipment with leaking fluids shall be allowed on the project.

- Storage areas for petroleum and/or chemical products cannot be placed within 500 feet of a stream crossing or as directed by the Engineer. No material shall be wasted or temporarily stockpiled in wetlands, flood plains, recharge areas, or where it can be eroded or washed into waters of the United States.

**METHOD OF MEASUREMENT AND BASIS OF PAYMENT:** The work involved in complying with the remainder of this Special Provision will not be measured or paid for separately, but will be considered included in the contract unit prices bid for other items of the contract.
ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

LIQUIDATED DAMAGES

As specified in the Contract, liquidated damages for this project will be as shown in the following tables:

**WORKING DAY PROJECTS**

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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
DEPARTMENT NAME CHANGE

All references to the Arkansas State Highway and Transportation Department contained within the Standard Specifications for Highway Construction (Edition of 2014), the Qualified Products List, the Manual of Field Sampling and Testing Procedures, plan sheets, Supplemental Specifications, and all Special Provisions contained in this proposal are hereby deleted and replaced with the title of Arkansas Department of Transportation.

All references to AHTD contained within the Standard Specifications for Highway Construction (Edition of 2014), the Qualified Products List, the Manual of Field Sampling and Testing Procedures, plan sheets, Supplemental Specifications, and all Special Provisions contained in this proposal are hereby deleted and replaced with the abbreviation ARDOT.

All references to the Arkansas State Highway Commission contained within the Standard Specifications for Highway Construction (Edition of 2014), the Qualified Products List, the Manual of Field Sampling and Testing Procedures, the Standard Drawings, plan sheets, Supplemental Specifications, and all Special Provisions contained in this proposal remain in effect.
ARKANSAS DEPARTMENT OF TRANSPORTATION
SUPPLEMENTAL SPECIFICATION
ISSUANCE OF PROPOSALS

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

Subsection 102.04(i) is hereby deleted and the following is substituted therefore:

(j) If the prospective bidder is the Contractor on a current Contract with the Commission on which Liquidated Damages are being assessed, and there are no pending time extensions warranted to remove the project from Liquidated Damages.

Subsection 102.04(k) is hereby deleted and the following is substituted therefore:

(k) If the prospective bidder has a current Contract in default.
Division 100 of the Standard Specifications for Highway Construction, Edition of 2014, is hereby amended as follows:

Subsection 105.15 is hereby modified as follows:

The first paragraph of Subsection 105.15 is hereby deleted and the following substituted therefor:

**105.15 Maintenance During Construction.** The Contractor shall maintain the work during construction and until the project is accepted. For contracts containing a Flexible Beginning of Work special provision, the responsibility for maintenance by the Contractor will begin at the earlier date of the following:

- when the Contractor begins work, or
- on the date of the beginning of time charges in accordance with the Work Order if the Contractor has not commenced work.

This maintenance shall constitute continuous and effective work prosecuted day by day, with adequate equipment and forces, to the end that the roadway or structures are kept in satisfactory condition at all times.
Section 107 of the Standard Specifications for Highway Construction, Edition of 2014, is hereby amended as follows:

The following is hereby added after the first bullet of the first paragraph of Subsection 107.10 Restraining Conditions (a), General:

- Human remains, burials, and/or associated burial artifacts

The following is hereby added after the second paragraph of Subsection 107.10 (b), Restraining Conditions Within the Right-of-Way:

When restraining conditions under (1) and (2) below are encountered, the following provisions should be executed.

(1) If archeological sites and/or historically significant cultural resources are unexpectedly impacted or subsequently discovered during construction, the Contractor shall stop work with no ground-disturbing activities occurring within a two hundred (200)-foot radius of the location of the discovery. The Engineer shall be notified immediately, who will then notify the Environmental Division. A Department staff archeologist will inspect the discovery and determine if the established buffer radius is appropriate. The radius may be decreased or increased based on the nature of the discovery at the discretion of the archeologist. Work in the buffer radius shall not resume until the Environmental Division has provided written notification to the Engineer that construction activities can proceed.

(2) If human remains, burials, and/or associated burial artifacts are encountered during construction, the Contractor shall stop work with no ground-disturbing activities occurring within a two hundred (200)-foot radius of the location of the discovery and the location secured and protected by flagging or fencing. The human remains shall be covered with a canvas tarp and shall not be removed or collected. The Engineer shall be notified immediately, who then will notify the Environmental Division. A Department staff archeologist will inspect the remains and determine if the established buffer is appropriate. The radius may be decreased or increased based on the nature of the discovery at the discretion of the archeologist. The local law enforcement and Chief Medical Examiner will be notified by the Environmental Division. Work in the buffer radius shall not resume until the Environmental Division has provided written notification to the Engineer that construction activities can proceed.
The following is hereby added after the third sentence of the first paragraph of Subsection 107.10 (c), Restraining Conditions Outside the Right-of-Way, (2) Non-commercially Operated Site:

The Contractor shall limit the amount of acres submitted for an off-site location to no more than 10 acres, except for commercial areas, previously approved locations, or where previous ground disturbance exists. If a Contractor requires more than 10 acres for a proposed off-site location, the Contractor may, at no cost to the Department, acquire approval for use of the site from the State Historic Preservation Officer and a qualified archeological consultant.
ARKANSAS DEPARTMENT OF TRANSPORTATION
SUPPLEMENTAL SPECIFICATION

WORK ALLOWED PRIOR TO ISSUANCE OF WORK ORDER

Section 108 of the Standard Specifications for Highway Construction, Edition of 2014, is hereby amended as follows:

Subsection 108.02(b)(2) is hereby deleted and the following is substituted therefore:

(2) The delivery to the Department for execution of the Contract and bonds properly executed on behalf of the Contractor and surety and the minimum 72 hours advance notice as required above shall constitute the Contractor's authority to begin the following items of work:

- Mobilization;
- Preparation of shop drawings and other required submissions;
- Ordering, fabrication, assembly, and/or stockpiling of materials;
- Driving Test Piling; and
- Contract surveying, when Roadway and/or Bridge Construction Control is included in the Contract.
- Erection of advance warning signs.
- Installation of netting on structures to prevent nesting of migratory birds in accordance with applicable Special Provisions (if included in the Contract).
- Set up, installation, and testing of Automated Work Zone Information Systems (if included in the Contract).
- Off-site area approval process per Section 107.10(c).

Such advance work shall be subject to the Contractor's assumption of the risk of cancellation of the award and the following:

- The Contractor shall, on commencing such operations, take all precautions required for public safety and shall observe all the provisions in the Contract;
- In the event of cancellation of the award, the Contractor shall at Contractor expense do such work as necessary to leave the site in a neat condition to the satisfaction of the Engineer;
- In the event of cancellation of the award, all work performed shall be deemed to be at the Contractor's expense; and
- All work done under this subsection in accordance with the Contract before its execution by the Commission will, when the Contract is executed, be considered authorized work and will be paid for as provided in the Contract.

Unless otherwise notified in writing, no time will be assessed for work performed prior to the effective date of a Work Order.

No payments will be made prior to the date established by the Engineer under Subsection 109.07, which date will be after the effective date of a Work Order.

The Contractor shall not be entitled to any additional compensation or an extension of time for any delay, hindrance, or interference caused by or attributable to commencement of work before the effective date of a Work Order.
Section 303 of the Standard Specifications for Highway Construction, Edition 2014, is hereby amended as follows:

The second paragraph of Subsection 303.02, Materials is hereby deleted and the following substituted therefor:

The Contractor shall have the option of using any higher numbered class Aggregate Base Course than that specified, provided that payment will be for the class specified. Acceptance criteria shall be for the class specified. Different classes of Aggregate Base Course shall not be mixed in the same location.
Division 300 of the Standard Specifications for Highway Construction, Edition of 2014, is hereby amended as follows:

The first sentence of the third paragraph Subsection 306.03 Acceptance Testing is hereby deleted and the following substituted therefor:

If the material being furnished is crushed stone the Department will furnish the PL, LL, and PI for the material, further tests for PL, LL, and PI are waived.
Division 400 of the Standard Specifications for Highway Construction, Edition of 2014, is hereby amended as follows:

Section 401, Prime and Tack Coats and Emulsified Asphalt in Base Course, is hereby modified as follows:

The first sentence of Subsection 401.03(a) is hereby deleted and the following substituted therefore:

The surface to be treated with prime or tack coat shall be cleaned of dust, dirt, and loose or foreign material by sweeping with mechanical brooms immediately preceding the application of the prime or tack coat.

Third sentence of Subsection 401.03(c) is hereby deleted and the following is substituted therefore:

No dilution beyond that which is part of the emulsification process is permitted. The tack coat shall not be diluted, cut, or otherwise thinned after receipt from the manufacturer’s facility.

The fifth sentence of Subsection 401.03(c) is hereby deleted and the following substituted therefore:

The rate of application shall be from 0.03 gallon to 0.10 gallon per square yard (0.1 L/sq m to 0.5 L/sq m) of residual asphalt as designated by the Engineer.

Section 4100, Construction Requirements and Acceptance of Asphalt Concrete Plant Mix Courses, is hereby modified as follows:

The sixth paragraph of Subsection 410.05 is hereby deleted and the following substituted therefore:

For foreign material, or when the time lapse between courses is more than 8 hours, the earlier course shall be cleaned and given a tack coat before placing the succeeding course. When directed, the tack coat shall be applied and paid for under Section 401. If directed by the Engineer, a tack coat shall be used even though the elapsed time has been less than 8 hours.
ARKANSAS DEPARTMENT OF TRANSPORTATION
SUPPLEMENTAL SPECIFICATION
DESIGN AND QUALITY CONTROL OF ASPHALT MIXTURES

Division 400 of the Standard Specifications for Highway Construction, Edition of 2014, is hereby amended as follows:

Section 404, QUALITY CONTROL OF ASPHALT MIXTURES, is hereby modified as follows:

The third paragraph Subsection 404.04 is hereby deleted and the following substituted therefore:

The accepted mix design shall be field verified by the Contractor at the start of mix production or after an interruption of more than 120 calendar days. The asphalt mixture shall be verified by testing mix that has been produced through the plant using the aggregate proportions shown on the accepted mix design. Production of Department approved mix designs for placement on non-ARDOT projects may be used for mix verification. The Contractor shall notify the Engineer sufficiently in advance for Department personnel to witness all testing of this production and shall provide copies of all test results to the Department.

Section 410, Construction Requirements and Acceptance of Asphalt Concrete Plant Mix Courses is hereby modified as follows:

The first and second sentence of Subsection 410.09, Acceptance of the Payment and Adjustments in Payment, is hereby deleted and the following is substituted therefore:

(a) General. The accepted mix design shall be verified by the Contractor at the start of mix production for that design or after an interruption of more than 120 calendar days. A maximum of 200 tons (200 metric tons) of materials may be placed on the roadway during the verification process.

Section 411, Asphalt Concrete Plant Mix is hereby modified as follows:

The third sentence of Subsection 411.05 (B), Acceptance is hereby amended and the following is substituted therefore:

(b) Acceptance. The accepted mix design shall be field verified by the Contractor at the start of mix production or after an interruption of more than 120 calendar days.
ARKANSAS DEPARTMENT OF TRANSPORTATION
SUPPLEMENTAL SPECIFICATION
PERCENT AIR VOIDS FOR ACHM MIX DESIGNS

Division 400 of the Standard Specifications for Highway Construction, Edition of 2014, is hereby amended as follows:

The fourth sentence of Paragraph 1 of Subsection 404.01(b), Design Requirements, is hereby deleted and the following substituted therefor:

The optimum asphalt content is the asphalt binder content at 4% Air Voids (AV).

The first bullet of Paragraph 1 is hereby deleted and the following substituted therefor:

- PG 64-22 and PG 70-22 mixes will be designed using 4% air voids;

The second sentence of Paragraph 2 of Subsection 404.04, Quality Control of Asphalt Mixtures, is hereby deleted and the following substituted therefor:

Adjustments to the accepted mix design to conform to actual production values without re-design of the mixture shall be based on production of the mixture at a target value of 4.0% Air Voids (AV) in specimens and an asphalt binder content not less than that specified in the accepted mix design.

Table 405-1 of Subsection 405.03 Materials is hereby deleted and the following substituted therefor:

<table>
<thead>
<tr>
<th>Table 405-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design Requirements for Asphalt Concrete Hot Mix Base Course</td>
</tr>
<tr>
<td>(1-1/2&quot; [37.5 mm])</td>
</tr>
<tr>
<td>Control Points</td>
</tr>
<tr>
<td>Sieve (mm)</td>
</tr>
<tr>
<td>1½&quot; (37.5)</td>
</tr>
<tr>
<td>1&quot; (25.0)</td>
</tr>
<tr>
<td>No. 4 (4.75)</td>
</tr>
<tr>
<td>No. 8 (2.36)</td>
</tr>
<tr>
<td>No. 16 (1.18)</td>
</tr>
<tr>
<td>No. 30 (0.60)</td>
</tr>
<tr>
<td>No. 50 (0.30)</td>
</tr>
<tr>
<td>No. 200 (0.075)</td>
</tr>
<tr>
<td>Asphalt Binder Content</td>
</tr>
<tr>
<td>% Air Voids</td>
</tr>
<tr>
<td>% VMA</td>
</tr>
<tr>
<td>Minimum Water Sensitivity Ratio</td>
</tr>
<tr>
<td>% Anti-strip</td>
</tr>
<tr>
<td>Fines to Asphalt Ratio*</td>
</tr>
<tr>
<td>Wheel Tracking Test</td>
</tr>
<tr>
<td>(8000 cycles, 100 psi, 64°C)</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

*Fines to asphalt ratio shall be defined as the percent materials passing the No. 200 (0.075 mm) sieve (expressed as a percent of total aggregate weight) divided by the effective asphalt binder content.
Table 406-1 of Subsection 406.04, Construction Requirements and Acceptance, is hereby deleted and the following substituted therefor:

Table 406-1
Design Requirements for Asphalt Concrete Hot Mix Binder Course
(1" [25 mm])

<table>
<thead>
<tr>
<th>Control Points</th>
<th>Sieve (mm)</th>
<th>Percent Passing (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½&quot; (37.5)</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>1&quot; (25.0)</td>
<td>90 - 100</td>
<td></td>
</tr>
<tr>
<td>¾&quot; (19.0)</td>
<td>90 max.</td>
<td></td>
</tr>
<tr>
<td>No. 4 (4.75)</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>No. 8 (2.36)</td>
<td>19 - 45</td>
<td></td>
</tr>
<tr>
<td>No. 16 (1.18)</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>No. 30 (0.60)</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>No. 50 (0.30)</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>No. 200 (0.075)</td>
<td>1 - 7</td>
<td></td>
</tr>
</tbody>
</table>

Asphalt Binder Content Design Value
% Air Voids 4.0
% VMA 12.5 – 14.0
Minimum Water Sensitivity Ratio 80
% Anti-strip As Required
Fines to Asphalt Ratio* 0.6 – 1.6

Wheel Tracking Test Design Gyration Maximum Rut
(8000 cycles, 100 psi, 64°C) 75 & 115 0.315 in. (8.000 mm)
160 0.197 in. (5.000 mm)
205 0.197 in. (5.000 mm)

*Fines to asphalt ratio shall be defined as the percent materials passing the No. 200 (0.075 mm) sieve (expressed as a percent of total aggregate weight) divided by the effective asphalt binder content.
ARKANSAS DEPARTMENT OF TRANSPORTATION  
SUPPLEMENTAL SPECIFICATION  
PERCENT AIR Voids FOR ACM Mix DESIGNS  

Table 407-1 and Table 407-2 of Subsection 407.04, Construction Requirements and Acceptance, are hereby deleted and the following substituted therefor:  

Table 407-1  
Design Requirements for Asphalt Concrete Hot Mix Surface Course  
(1/2" [12.5 mm])  

<table>
<thead>
<tr>
<th>Control Points</th>
<th>Sieve (mm)</th>
<th>Percent Passing (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>¾&quot; (19.0)</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>½&quot; (12.5)</td>
<td>90 - 100</td>
</tr>
<tr>
<td></td>
<td>3/8&quot; (9.5)</td>
<td>90 max.</td>
</tr>
<tr>
<td></td>
<td>No. 8 (2.36)</td>
<td>28 - 58</td>
</tr>
<tr>
<td></td>
<td>No. 16 (1.18)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>No. 30 (0.60)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>No. 50 (0.30)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>No. 200 (0.075)</td>
<td>2 - 10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Asphalt Binder Content</th>
<th>Design Volley</th>
</tr>
</thead>
<tbody>
<tr>
<td>% Air Voids</td>
<td>4.0</td>
</tr>
<tr>
<td>% VMA</td>
<td>14.0 – 16.0</td>
</tr>
<tr>
<td>Minimum Water Sensitivity Ratio</td>
<td>80.0</td>
</tr>
<tr>
<td>% Anti-strip</td>
<td>As Required</td>
</tr>
<tr>
<td>Fines to Asphalt Ratio*</td>
<td>0.6 – 1.6</td>
</tr>
</tbody>
</table>

Wheel Tracking Test  
(8000 cycles, 100 psi, 64°C)  

<table>
<thead>
<tr>
<th>Design Gyration</th>
<th>Maximum Rut</th>
</tr>
</thead>
<tbody>
<tr>
<td>75 &amp; 115</td>
<td>0.315 in. (8.000 mm)</td>
</tr>
<tr>
<td>160</td>
<td>0.197 in. (5.000 mm)</td>
</tr>
<tr>
<td>205</td>
<td>0.197 in. (5.000 mm)</td>
</tr>
</tbody>
</table>

*Fines to asphalt ratio shall be defined as the percent materials passing the No. 200 (0.075 mm) sieve (expressed as a percent of total aggregate weight) divided by the effective asphalt binder content.
### Table 407-2
Design Requirements for Asphalt Concrete Hot Mix Surface Course (3/8" [9.5 mm])

<table>
<thead>
<tr>
<th>Control Points</th>
<th>Sieve (mm)</th>
<th>Percent Passing (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>½&quot; (12.5)</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>3/8&quot; (9.5)</td>
<td>90 - 100</td>
</tr>
<tr>
<td></td>
<td>No. 4 (4.75)</td>
<td>90 max.</td>
</tr>
<tr>
<td></td>
<td>No. 8 (2.36)</td>
<td>32 - 67</td>
</tr>
<tr>
<td></td>
<td>No. 16 (1.18)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>No. 30 (0.60)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>No. 50 (0.30)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>No. 200 (0.075)</td>
<td>2 - 10</td>
</tr>
</tbody>
</table>

- **Asphalt Binder Content**
  - Design Value: 4.0
- **% VMA**: 15.0 – 17.0
- **Minimum Water Sensitivity Ratio**: 80.0
- **% Anti-strip**: As Required
- **Fines to Asphalt Ratio***: 0.6 – 1.6

**Wheel Tracking Test**
- Design Gyration: 75 & 115
- Maximum Rut: 0.315 in. (8.000 mm.)
- Design Gyration: 160
- Maximum Rut: 0.197 in. (5.000 mm.)
- Design Gyration: 205
- Maximum Rut: 0.197 in. (5.000 mm.)

*Fines to asphalt ratio shall be defined as the percent materials passing the No. 200 (0.075 mm) sieve (expressed as a percent of total aggregate weight) divided by the effective asphalt binder content.
Division 400 of the Standard Specifications for Highway Construction, Edition of 2014, is hereby amended as follows:

Section 404, DESIGN AND QUALITY CONTROL OF ASPHALT MIXTURES, is hereby modified as follows:

The following is added as the last bullet following the first paragraph of Subsection 404.01(b), Design Requirements:

- All ACHM mixes must contain a liquid, anti-strip additive.

Section 409, MATERIALS AND EQUIPMENT FOR ASPHALT CONCRETE PLANT MIX COURSES, is hereby modified as follows:

The second paragraph of Subsection 409.02 Asphalt Binder is hereby deleted and the following substituted therefor:

The asphalt binder for all Asphalt Concrete Hot Mixes shall contain a heat-stable, liquid anti-strip additive. The additive shall be furnished from the Qualified Products List. The additive shall not harm the completed bituminous concrete mixture and must be compatible with the aggregate and asphalt binder supplied for the project. The anti-strip additive shall be added either by an in-line blending process just before introduction of the asphalt binder to the mixer or by blending with the asphalt binder at the asphalt binder terminal. If blended at the terminal, the bill of lading accompanying the load being delivered to the hot mix asphalt plant shall include the anti-strip manufacturer’s name, product name, and quantity of all anti-strip additive included in the load.

The liquid anti-strip additive shall be added at rates as indicated below:

- For ACHM mixes where the use of an anti-strip additive is required as determined by the laboratory analysis and mix design procedures, the anti-strip additive shall be added at the rate of 0.5% to 0.75% (0.05% to 0.10% for organosilane based materials) by weight of asphalt binder as determined by the laboratory analysis and laboratory mix design procedures.
- For all other mixes, the manufacturer’s recommended dosage of the additive shall be used, but the rate of liquid anti-strip additive shall not be less than 0.25% (0.05% for organosilane based materials) by weight of the asphalt binder.
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.
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:

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Test Method</th>
<th>Min</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscosity, Saybolt Furol at 25°C SFS</td>
<td>AASHTO T59</td>
<td>20</td>
<td>150</td>
</tr>
<tr>
<td>Storage stability test, 24-h, %</td>
<td>AASHTO T59</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Sieve test, %</td>
<td>AASHTO T59</td>
<td>0.3</td>
<td></td>
</tr>
<tr>
<td>Residue by distillation, %</td>
<td>AASHTO T59</td>
<td>50</td>
<td></td>
</tr>
</tbody>
</table>

**Tests on residue from distillation:**

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Test Method</th>
<th>Min</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Penetration, 25°C, 100 g, 5 s</td>
<td>AASHTO T59</td>
<td></td>
<td>20</td>
</tr>
<tr>
<td>*Solubility %</td>
<td>AASHTO T44</td>
<td>97.5</td>
<td></td>
</tr>
<tr>
<td>*Ash Content</td>
<td>AASHTO T111</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Softening Point °C</td>
<td>AASHTO T53</td>
<td>65</td>
<td></td>
</tr>
</tbody>
</table>

*Ash Content or Solubility may be used for testing purposes of the residue from distillation.
Section 400 of the Standard Specifications for Highway Construction, Edition of 2014, is hereby amended as follows:

The following is added after the first sentence of paragraph 3 Subsection 404.01 Design of Asphalt Mixtures. (b) Design Requirements:

Any use of recycled engine oil bottoms (REOB) or other engine oil derivatives in the manufacture or modification of a binder are strictly prohibited. Ground Tire Rubber (GTR) may be added to asphalt binder with blending of GTR into asphalt occurring only at the asphalt terminal. GTR shall be Class 80-1 ground tire rubber as defined by ASTM D5603.
Section 410, Construction Requirements and Acceptance of Asphalt Concrete Plant Mix Courses, of the Standard Specifications for Highway Construction, Edition of 2014, is hereby modified as follows:

Subsection 410.10 Incentives is hereby deleted.
Section 410 of the Standard Specifications for Highway Construction, Edition of 2014, is hereby amended as follows:

The fourth sentence of the first paragraph of Subsection 410.08, Rolling and Density Requirements and Joints, is hereby deleted and the following substituted therefor:

The Engineer will observe the Contractor’s use of an electromagnetic surface contact device that meets ASTM D7113/D7113M or the use of a nuclear density gauge to verify that the maximum densities possible are obtained.
ARKANSAS DEPARTMENT OF TRANSPORTATION
SUPPLEMENTAL SPECIFICATION
EVALUATION OF ACHM SUBLOT REPLACEMENT MATERIAL

Section 410 of the Standard Specifications for Highway Construction, Edition of 2014, is hereby amended as follows:

The following shall be added to the second to the last paragraph of Subsection 410.09 (a) General:

If the material used to replace unacceptable material is a different mix design from what was originally placed, the remaining material in the lot and the replacement material shall both be evaluated as separate partial lots.
ARKANSAS DEPARTMENT OF TRANSPORTATION
SUPPLEMENTAL SPECIFICATION
RETROREFLECTIVE SHEETING FOR
TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES

Section 604 of the Standard Specifications for Highway Construction, Edition of 2014, is hereby amended as follows:

The following is inserted after the first paragraph of Subsection 604.02(b):

Retroreflective sheeting used on traffic drums shall meet the requirements of ASTM D4956 for Type III or IV with the additional requirements for Reboundable Sheeting. Retroreflective sheeting for delineators shall comply with section 728.

Retroreflective sheeting shall be applied to a properly treated substrate with mechanical equipment and in a manner specified by the sheeting manufacturer. Sign material (substrate) shall be of sufficient thickness and stability to maintain a substantial, effective sign for the duration of the project. One splice will be allowed in retroreflective sheeting on sign blanks. "Left", "Right", "Distances", and "Ahead" will be allowed on signs as inserts. All letters and numerals on inserts shall be of the same size and series as those on the sign face.
Section 604 of the Standard Specifications for Highway Construction, Edition of 2014, is hereby amended as follows:

All work zone traffic control devices used on the project, including sign supports, barricades, traffic drums equipped with flashing lights, crash cushions, and impact attenuators, manufactured after December 31, 2019, shall comply with the requirements of the Manual for Assessing Safety Hardware (MASH). Such devices manufactured on or before December 31, 2019, and successfully tested to the requirements of National Cooperative Highway Research Program (NCHRP) Report 350 or the 2009 edition of MASH, may continue to be used throughout their normal service lives. The Contractor shall furnish a certification of such compliance from the manufacturer or supplier of all work zone traffic control devices prior to using the devices on the project. The certification shall state the device meets the requirements of MASH, or in the case that the device was manufactured on or before December 31, 2019, the certification shall state the device meets the requirements of NCHRP 350 or MASH. The certification shall include a copy of the Federal Highway Administration’s (FHWA) approval letter with all attachments for each device. Devices shall be fabricated and installed in accordance with the plans and with the crash testing documentation provided in the FHWA approval letter which is available at:

SECTION 1
LOG MILE 0.00
COUNTY ROAD 24 (MCR 7055)

BEGIN SECTION 1
LOG MILE 0.26
COUNTY ROAD 24 (MCR 7055)

BEGIN SECTION 2
LOG MILE 0.00
COUNTY ROAD 24 (MCR 7055)

END SECTION 2
LOG MILE 0.68

END SECTION 1
LOG MILE 0.76

JOB SA4551
CO. RD. 24 OVERLAY (S)
CO. RD. 24
MARION COUNTY

APPROXIMATE END OF SECTION 1
LATITUDE:  N 36° 15' 42"
LONGITUDE: W 92° 36' 04"

BRYAN PFEILING
REGISTERED PROFESSIONAL ENGINEER
No. 11240
INDEX OF SHEETS

<table>
<thead>
<tr>
<th>SHEET NO.</th>
<th>TITLE</th>
</tr>
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<tr>
<td>1</td>
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<tr>
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<td>3</td>
<td>GOVERNING SPECIFICATIONS</td>
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<td>QUANTITIES</td>
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ROADWAY STANDARD DRAWINGS

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<tr>
<td>PM-1</td>
<td>PAVEMENT MARKING DETAILS</td>
<td>02-27-20</td>
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<tr>
<td>TC-1</td>
<td>STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION</td>
<td>11-07-19</td>
</tr>
<tr>
<td>TC-2</td>
<td>STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION</td>
<td>05-20-21</td>
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<tr>
<td>TC-3</td>
<td>STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION</td>
<td>08-12-21</td>
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GOVERNING SPECIFICATIONS

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

<table>
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<tr>
<th>NUMBER</th>
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<tbody>
<tr>
<td>ERRATA</td>
<td>ERRATA FOR THE BOOK OF STANDARD SPECIFICATIONS</td>
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<td>100-3</td>
<td>CONTRACTOR'S LICENSE</td>
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<td>100-4</td>
<td>DEPARTMENT NAME CHANGE</td>
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<td>102-2</td>
<td>ISSUANCE OF PROPOSALS</td>
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<tr>
<td>105-4</td>
<td>MAINTENANCE DURING CONSTRUCTION</td>
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<tr>
<td>107-2</td>
<td>RESTRAINING CONDITIONS</td>
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<td>108-1</td>
<td>LIQUIDATED DAMAGES</td>
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<td>108-2</td>
<td>WORK ALLOWED PRIOR TO ISSUANCE OF WORK ORDER</td>
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<tr>
<td>303-1</td>
<td>AGGREGATE BASE COURSE</td>
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<tr>
<td>306-1</td>
<td>QUALITY CONTROL AND ACCEPTANCE</td>
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<tr>
<td>400-1</td>
<td>TACK COATS</td>
</tr>
<tr>
<td>400-4</td>
<td>DESIGN AND QUALITY CONTROL OF ASPHALT MIXTURES</td>
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<tr>
<td>400-5</td>
<td>PERCENT AIR VOIDS FOR ACHM MIX DESIGNS</td>
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<td>400-6</td>
<td>LIQUID ANTI-STRIP ADDITIVE</td>
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<td>400-7</td>
<td>TRACKLESS TACK</td>
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<tr>
<td>404-3</td>
<td>DESIGN OF ASPHALT MIXTURES</td>
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<td>410-1</td>
<td>CONSTRUCTION REQUIREMENTS AND ACCEPTANCE OF ASPHALT CONCRETE PLANT MIX COURSES</td>
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<td>410-2</td>
<td>DEVICES FOR MEASURING DENSITY FOR ROLLING PATTERNS</td>
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<td>410-4</td>
<td>EVALUATION OF ACHM SUBLOT REPLACEMENT MATERIAL</td>
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<td>604-1</td>
<td>RETROREFLECTIVE SHEETING FOR TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES</td>
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<td>604-3</td>
<td>TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES (MASH)</td>
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<td>JOB SA4551</td>
<td>BIDDING REQUIREMENTS AND CONDITIONS</td>
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<tr>
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<td>BROADBAND INTERNET SERVICE FOR ASPHALT CONCRETE PLANT</td>
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<td>JOB SA4551</td>
<td>LIQUIDATED DAMAGES PROCEDURE FOR BID LETTINGS</td>
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<td>MANDATORY ELECTRONIC CONTRACT</td>
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<td>JOB SA4551</td>
<td>MANDATORY ELECTRONIC DOCUMENT SUBMITAL</td>
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<td>JOB SA4551</td>
<td>RECYCLED ASPHALT SHINGLES</td>
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<td>JOB SA4551</td>
<td>SUBMISSION OF ASPHALT CONCRETE HOT MIX ACCEPTANCE TEST RESULTS</td>
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<td>JOB SA4551</td>
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<tr>
<td>JOB SA4551</td>
<td>WATER POLLUTION CONTROL</td>
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</table>
GENERAL NOTES

1. 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.

2. INSTALLATION OF PERMANENT TRAFFIC SAFETY SIGNS NOT SHOWN IN THE PLANS IS THE RESPONSIBILITY OF MARION COUNTY.
NOTE: DETAILS MAY BE MODIFIED TO MEET LOCAL CONDITIONS AS DIRECTED BY THE ENGINEER.

TYPICAL SECTIONS OF IMPROVEMENT

MARION COUNTY

SECTION 1, COUNTY ROAD 24 (MCR 7055) - L.M. 0.26 TO 0.76
SECTION 2, COUNTY ROAD 24 (MCR 7055) - L.M. 0.00 TO 0.68

EXISTING SLOPE
AGGREGATE BASE COURSE (CLASS 7) 1.5 TONS / STA.

22'-0" TACK COAT
0.08 GAL. PER SQ. YD.

22'-0" ACHM SURFACE COURSE (1/2") (220 LBS. PER SQ. YD.) LEVELING*

EXISTING BASE & SURFACE COURSE
AGGREGATE BASE COURSE (CLASS 7) 1.5 TONS / STA.

* LOCATION AND APPLICATION RATES ARE AT THE DIRECTION OF THE ENGINEER. SEE QUANTITY SHEET FOR ESTIMATED AMOUNTS.
TYPICAL PRIVATE ENTRANCE
ADDITIONAL SURFACING AREA = 4.9 SQ. YDS.

NOTE: DIMENSIONS MAY BE MODIFIED TO MEET LOCAL CONDITIONS AS DIRECTED BY THE ENGINEER.

TYPICAL COUNTY TURNOUT
ADDITIONAL SURFACING AREA = 63.5 SQ. YDS.
PAVEMENT TRANSITION DETAILS FOR COLD MILLING
SECTIONS 1 & 2

LOCATIONS
L.M. 0.75 TO 0.76, SECTION 1
L.M. 0.00 TO 0.01, SECTION 2

NOTE: DIMENSIONS ARE APPROXIMATED AND MAY BE MODIFIED AS DIRECTED BY THE ENGINEER.

NOTE: FOR COLD MILLING ASPHALT PAVEMENT TRANSITION, TAPER 50' OF FINAL SURFACE TO CREATE A 2" PAVING NOTCH, AT VARIOUS LOCATIONS, AS SHOWN ABOVE. OVERLAY MILLED AREAS USING 220 LBS. PER SQ. YD. OF ACHM.

NOTE: MATERIAL PRODUCED FROM COLD MILLING ASPHALT PAVEMENT SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
## BASE AND SURFACING

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>LOG MILE</th>
<th>LENGTH</th>
<th>AGGREGATE BASE COURSE (CLASS 7)</th>
<th>TACK COAT</th>
<th>ACHM SURFACE COURSE (1/2&quot;)*</th>
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<tbody>
<tr>
<td></td>
<td>FROM</td>
<td>TO</td>
<td>LIN. FT.</td>
<td>TON</td>
<td>WIDTH</td>
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<tr>
<td>MAIN LANES</td>
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<td>0.76</td>
<td>2640</td>
<td>22.00</td>
<td>6453.3</td>
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<tr>
<td>SHOULDERS</td>
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<td>0.76</td>
<td>2640</td>
<td>79.2</td>
<td>39.2</td>
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<td>8 PRIVATE ENTRANCES</td>
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<td>3 COUNTY ROAD TURNOUTS</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LEVELING**</td>
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<td></td>
<td></td>
<td>97.5</td>
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**SECTION 2 - COUNTY ROAD 24 (MCR 7055)**

| MAIN LANES | 0.00 | 0.68 | 3590 | 22.00 | 8775.6 | 702.0 | 22.00 | 8775.6 | 965.3 |
| SHOULDERS | 0.00 | 0.68 | 3590 | 107.7 | 73.5 | 5.9 | 73.5 | 8.1 |
| 5 COUNTY ROAD TURNOUTS | | | | | 317.5 | 25.4 | 317.5 | 34.9 |
| LEVELING** | | | | | 135.0 | 90.0 |

**TOTALS:**

| | 186.9 | 1500.4 | 1898.5 |

**USE:**

| | 187 | 1500 | 1899 |

**BASIS OF ESTIMATE:**

AGGREGATE BASE COURSE (CLASS 7) FOR SHOULDERS ___________________________ 3 TON PER STATION
TACK COAT ___________________________ 0.08 GAL. PER SQ. YD.
ACHM SURFACE COURSE (1/2") ___________________________ 220 POUND PER SQ. YD.

*Nmax=115

**VOLUME CONTROL:**

ASPHALT BINDER (PG 64-22) IN ACHM SURFACE COURSE (1/2") ___________________________ 5.4%
MINERAL AGGREGATE IN ACHM SURFACE COURSE (1/2") ___________________________ 94.6%

**QUANTITY ESTIMATED. TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER. SEE SECTION 104.03 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.**
<table>
<thead>
<tr>
<th>DESCRIPTION</th>
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<th>LENGTH</th>
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<tr>
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<td>0.76</td>
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<td></td>
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<td>SECTION 2 - COUNTY ROAD 24 (MCR 7055)</td>
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<td>0.01</td>
<td>50</td>
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**TOTAL:** 244.4

**USE:** 244
### REFLECTORIZED PAINT PAVEMENT MARKING

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<tr>
<td>MAIN LANES - CONTINUOUS</td>
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<td>0.76</td>
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<tr>
<td>MAIN LANES - CONTINUOUS</td>
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**TOTAL:** 12460

This is a low volume road as defined in Section 604.03 of the standard specifications for highway construction.
## TRAFFIC CONTROL DEVICES

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<th>G20-1</th>
<th>G20-2</th>
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<td>1000 FT.</td>
<td>500 FT.</td>
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<td>1 16.00</td>
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<td>ENTIRE SECTION</td>
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<td>2 32.00</td>
<td>2 32.00</td>
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# SUMMARY OF QUANTITIES

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<th>ITEM</th>
<th>QUANTITY</th>
<th>UNIT</th>
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<tbody>
<tr>
<td>SS &amp; 303</td>
<td>AGGREGATE BASE COURSE (CLASS 7)</td>
<td>187</td>
<td>TON</td>
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<tr>
<td>SS &amp; 401</td>
<td>TACK COAT</td>
<td>1500</td>
<td>GAL.</td>
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<td>SP, SS, &amp; 407</td>
<td>MINERAL AGGREGATE IN ACHM SURFACE COURSE (1/2&quot;)</td>
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<tr>
<td>SP, SS, &amp; 407</td>
<td>ASPHALT BINDER (PG 64-22) IN ACHM SURFACE COURSE (1/2&quot;)</td>
<td>103</td>
<td>TON</td>
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<tr>
<td>412</td>
<td>COLD MILLING ASPHALT PAVEMENT</td>
<td>244</td>
<td>SQ. YD.</td>
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<tr>
<td>601</td>
<td>MOBILIZATION</td>
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<tr>
<td>603</td>
<td>MAINTENANCE OF TRAFFIC</td>
<td>1.00</td>
<td>LUMP SUM</td>
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<tr>
<td>SS &amp; 604</td>
<td>SIGNS</td>
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<td>718</td>
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<td>LIN. FT.</td>
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# REVISIONS

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<th>REVISION</th>
<th>SHEET NO.</th>
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JOB SA4551
PROPOSAL DOCUMENTS

ARKANSAS STATE HIGHWAY COMMISSION

PROPOSAL FOR CONSTRUCTING:
THE PURPOSE OF THIS PROJECT IS TO OVERLAY APPROXIMATELY 1.18 MILES OF COUNTY ROAD 24 IN MARION COUNTY. THIS PROJECT CONSISTS OF AGGREGATE BASE COURSE, ACHM SURFACE COURSE, COLD MILLING ASPHALT PAVEMENT, MAINTENANCE OF TRAFFIC, PAVEMENT MARKING, AND MISC. ITEMS.

County Road No. CR 24 in MARION County, Arkansas, in accordance with Standard Specifications for Highway Construction, Edition of 2014; the Supplemental Specifications and Special Provisions attached hereto; and the Construction Plans on file in the Office of the State Highway Commission, designated as Job SA4551 STATE AID COUNTY JOB (CODE 9970)

Job Name: CO. RD. 24 OVERLAY (S)

said project being approximately 1.18 miles in length.

Proposal received until 10:00 a.m. on August 10, 2022

TO THE ARKANSAS STATE HIGHWAY COMMISSION:

Gentlemen: By submission of your bid, you agree to the following:

It is hereby certified that a careful examination has been made of the Plans, Specifications, Supplemental Specifications, Special Provisions, and Form of Contract and the site of the work throughout its whole extent. On the basis of the Plans, Specifications, Supplemental Specifications, Special Provisions, and Form of Contract, the bidder proposes to furnish all necessary machinery, equipment, tools, labor and other means of construction, and to furnish all materials as specified, in the manner and at the time prescribed, and to finish the entire project within the time hereinafter proposed. The bidder understands that the quantities of work mentioned herein are approximate only, and are subject to increase or decrease, and hereby proposes to perform all quantities of work, whether increased or decreased, in accordance with the provisions of the Specifications, and at the unit prices bid in the attached Schedule of Items.

Receipt is hereby specifically acknowledged, and complete examination expressly guaranteed of the following:

2. Supplemental Specifications.
5. Schedule of Items.

The bidder further proposes to perform all Extra Work that may be required, on the basis provided in the Specifications, and to give such work personal attention, and to secure economical performance.

The bidder further proposes to execute the contract agreement, and to furnish satisfactory bonds within ten days after he has received notice that he has been awarded the contract. The bidder further agrees to begin work when ordered by the Engineer, or within ten days thereafter, and to complete the work within twenty (20) working days.
The bidder also proposes to furnish a surety Performance bond or bonds in a sum equal to the full amount of the contract and a surety Payment bond or bonds in a sum equal to 80% of the full amount of the contract. These bonds shall not only serve to guarantee the completion of the work and payment of all bills and claims by the bidder, but also to guarantee the excellence of both workmanship and material until the work is finally accepted and the provisions of the Plans, Specifications and Special Provisions fulfilled.

The bidder shall furnish a Proposal Guaranty in the form specified in Subsection 102.09 of the Specifications, in the amount of five percent (5%) of the total amount bid, which is submitted as a guarantee of the good faith of the proposal, and that the Bidder will enter into written contract, as provided, to do the work should the award be made to him; and it is hereby agreed that if, at any time other than as provided in Subsection 102.11 of the Standard Specifications, Withdrawal/Modification of Proposals, the bidder should withdraw his proposal, or should fail to execute the contract and furnish satisfactory bonds as herein provided, if his proposal is accepted, the Arkansas State Highway Commission, in either of such events, shall be entitled and is hereby given the right to retain the Proposal Guaranty, not as a penalty, but as liquidated damages, it being understood and agreed by the bidder that the amount of the Proposal Guaranty is a reasonable sum to be fixed as liquidated damages considering the damages the Arkansas State Highway Commission will sustain in the event of the bidder’s withdrawal of his proposal, or failure to execute the contract and furnish satisfactory bonds if his proposal is accepted, and said amount is herein agreed upon and fixed as liquidated damages because of the difficulty of ascertaining the exact amount of damage that may be sustained by reason of the above set out circumstances.
## Arkansas Department of Transportation
### Schedule of Items

<table>
<thead>
<tr>
<th>Line Number</th>
<th>Item Code and Description</th>
<th>Estimated Quantity</th>
<th>Unit Bid Price</th>
<th>Price Extension</th>
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<tbody>
<tr>
<td>0001</td>
<td>SS&amp;303 - AGGREGATE BASE COURSE (CLASS 7)</td>
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<tr>
<td>0002</td>
<td>SS&amp;401 - TACK COAT</td>
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<tr>
<td>0003</td>
<td>SPSS407 - MINERAL AGGREGATE IN ACHM SURFACE COURSE (1/2&quot;)</td>
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<td>0004</td>
<td>SPSS407 - ASPHALT BINDER (PG 64-22) IN ACHM SURFACE COURSE (1/2&quot;) (MINIMUM BID $120.00)</td>
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<td>0005</td>
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<td>603 - MAINTENANCE OF TRAFFIC</td>
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<td>0007</td>
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<tr>
<td>0008</td>
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**Section 01 Total:** __________________

**Subtotal:** __________________

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<tr>
<td>0009</td>
<td>601 - MOBILIZATION (UNIT BID AMOUNT MAY NOT EXCEED 5% OF SUBTOTAL)</td>
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**Bid Total:** __________________
ARKANSAS DEPARTMENT OF TRANSPORTATION
SUPPLEMENT TO PROPOSAL
ANTI-COLLUSION AND DEBARMENT CERTIFICATION

FAILURE TO EXECUTE AND SUBMIT THIS CERTIFICATION SHALL RENDER THIS BID NONRESPONSIVE AND NOT ELIGIBLE FOR AWARD CONSIDERATION.

As a condition precedent to the acceptance of the bidding document for this project, the bidder shall file this Affidavit executed by, or on behalf of the person, firm, association, or corporation submitting the bid. The original of this Affidavit shall be filed with the Arkansas Department of Transportation at the time proposals are submitted.

AFFIDAVIT

I hereby certify, under penalty of perjury under the laws of the United States and/or the State of Arkansas, that the bidder listed below has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with the submitted bid for this project, is not presently barred from bidding in any other jurisdiction as a result of any collusion or any other action in restraint of free competition, and that the foregoing is true and correct.

Further, that except as noted below, the bidder, or any person associated therewith in the capacity of owner, partner, director, officer, principal investigator, project director, manager, auditor, or any position involving the administration of Federal funds:

a. is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any Federal, State, or Local agency;

b. has not been suspended, debarred, voluntarily excluded or determined ineligible by any Federal, State, or Local agency within the past 3 years;

c. does not have a proposed debarment pending; and

d. has not been indicted, convicted, or had an adverse civil judgment rendered by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past 3 years.
FAILURE TO EXECUTE AND SUBMIT THIS CERTIFICATION SHALL RENDER THIS BID NONRESPONSIVE AND NOT ELIGIBLE FOR AWARD CONSIDERATION.

EXCEPTIONS:

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<th>APPLIED TO</th>
<th>INITIATING AGENCY</th>
<th>DATES OF ACTION</th>
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Exceptions will not necessarily result in denial of award, but will be considered in determining bidder responsibility. Providing false information may result in criminal prosecution or administrative sanctions.

Job No. ________________________________ (Name of Bidder)

F.A.P. No. ________________________________ (Signature)

(Date Executed) ________________________________ (Title of Person Signing)

The following Notary Public certification is **OPTIONAL** and may or may not be completed at the contractor's discretion.

State of ________________________________

County of ________________________________ (ss.

__________________________________________, being duly sworn, deposes and says that he is ________________________________, of ________________________________, (Title) (Name of Bidder)

and that the above statements are true and correct.

Subscribed and Sworn to before me this _____ day of ________________________________, 20____.

My commission expires: ________________________________.

(Notary Public)

(Notary Seal)
Pursuant to Arkansas Code Annotated § 25-1-503, a public entity **shall not** enter into a contract valued at $1,000 or greater with a company unless the contract includes a written certification that the person or company is not currently engaged in, and agrees for the duration of the contract not to engage in, a boycott of Israel.

By signing below, the Contractor agrees and certifies that they do not boycott Israel and will not boycott Israel during the remaining aggregate term of the contract.

If a company does boycott Israel, see Arkansas Code Annotated § 25-1-503.

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<th>Bid Number/Contract Number</th>
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<tbody>
<tr>
<td>Description of product or service</td>
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<tr>
<td>Contractor name</td>
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</table>

Contractor Signature: ___________________________ Date: _______________