

**ARKANSAS
STATE HIGHWAY
COMMISSION
PROPOSAL DOCUMENTS**

FOR THE CONSTRUCTION OF

STATE JOB NO. SA5955

STATE AID COUNTY JOB (CODE 9970)

HWY. 86 – WEST (RESEAL) (S)

COUNTY ROAD NO. CROSSROADS RD.

IN PRAIRIE COUNTY

Bound herein 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 herein, are the Arkansas State Highway Commission Standard Specifications for Highway Construction, Edition of 2014, and the Construction Plans.



CAUTION TO BIDDERS

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?

1-17-08
Revised: 6-1-09
Revised: 2-15-12
Revised: 1-15-15
Revised: 5-26-16
Revised: 11-17-17
Revised: 7-5-23
Revised: 8-4-25
Revised: 12-18-25

ARKANSAS DEPARTMENT OF TRANSPORTATION

NOTICE OF NONDISCRIMINATION

The Arkansas Department of Transportation (ARDOT) complies with all civil rights provisions of federal statutes and related authorities that prohibit discrimination in programs and activities receiving federal financial assistance. Therefore, ARDOT does not discriminate on the basis of race, sex, color, age, national origin, religion (not applicable as a protected group under the FMCSA Title VI Program), or disability in the admission, access to and treatment in ARDOT's programs and activities, as well as ARDOT's hiring or employment practices. Complaints of alleged discrimination and inquiries regarding ARDOT's nondiscrimination policies may be directed to the Civil Rights Division, P. O. Box 2261, Little Rock, AR 72203, (501) 569-2298, (Voice/TTY 711), or the following email address: Civil.Rights@ardot.gov

Free language assistance may be 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 SA5955

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.

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|----------|--|
| ERRATA | ERRATA FOR THE BOOK OF STANDARD SPECIFICATIONS |
| JOB SP | VENDOR REGISTRATION REQUIREMENT |
| JOB SP | DOCUMENTATION OF PAYMENTS MADE – PROMPT PAYMENT (SIGNET) |
| JOB SP | IMMEDIATE WORK ORDER |
| JOB SP | BIDDING REQUIREMENTS AND CONDITIONS |
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| JOB SP | LIQUIDATED DAMAGES PROCEDURE FOR BID LETTINGS |
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| SP 108-1 | LIQUIDATED DAMAGES |
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| SS 102-2 | ISSUANCE OF PROPOSALS |
| SS 102-3 | PREQUALIFICATION OF BIDDERS |
| SS 103-2 | CONTACT INFORMATION FOR MOTORIST DAMAGE CLAIMS |
| SS 105-4 | MAINTENANCE DURING CONSTRUCTION |
| SS 107-2 | RESTRAINING CONDITIONS |
| SS 108-2 | WORK ALLOWED PRIOR TO ISSUANCE OF WORK ORDER |
| SS 108-3 | WORK ORDER FOR FIXED COMPLETION DATE CONTRACTS |
| SS 306-1 | QUALITY CONTROL AND ACCEPTANCE |
| SS 400-2 | ASPHALT SURFACE TREATMENT |
| SS 604-1 | RETROREFLECTIVE SHEETING FOR TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES |
| SS 604-3 | TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES (MASH) |

ARKANSAS DEPARTMENT OF TRANSPORTATION

SUPPLEMENTAL SPECIFICATION

ERRATA FOR THE BOOK OF STANDARD SPECIFICATIONS

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 AWWA, Standards U1, Commodity Specification E, Use Category UC4C.

ARKANSAS DEPARTMENT OF TRANSPORTATION**SPECIAL PROVISION****JOB NO. SA5955****VENDOR REGISTRATION REQUIREMENT**

To ensure proper information is on file for all contractors on ARDOT construction projects, prime contractors and subcontractors shall submit vendor registration information using the ARDOT Vendor Registration Form.

The ARDOT Vendor Registration Form is a Microsoft Form developed to allow the Department to collect vendor information electronically and transmit that information into the Department's construction management system (CMS).

The form may be used both for initial registration and for submission of updated vendor information when changes are needed, such as updated contact information.

Contractors may complete the ARDOT Vendor Registration Form at any time to be included in the construction management system as a Vendor. The form allows contractors to indicate if they wish to be considered for Prequalification or for DBE Certification. The form will not complete the Prequalification or DBE Certification process but will instead initiate the process with the proper Divisions in ARDOT. All bidders must submit this form prior to bidding on any Proposal to ensure ARDOT data is correct and complete. Any contractors who will be added as Subcontractors on the Contract shall complete the ARDOT Vendor Registration Form prior to submitting the actual subcontract.

Vendors shall ensure that all information submitted through the ARDOT Vendor Registration Form is complete and accurate. The Department may require correction or resubmission of incomplete or inaccurate information before the registration is considered acceptable.

No direct payment will be made for furnishing and submitting vendor registration information. All costs associated with complying with this Special Provision shall be considered incidental to the contract.

The ARDOT Vendor Registration Form is available at the following link:

<https://forms.office.com/Pages/ResponsePage.aspx?id=k42YmO7x6EGK6v9zsAW4fbNdDoviCDRLsOknaQRB5A9UME5XOVc0T1pKMU84VFQwMUY5Nk5NQTY0MCQIQCN0PWcu>

ARKANSAS DEPARTMENT OF TRANSPORTATION**SPECIAL PROVISION****JOB NO. SA5955****DOCUMENTATION OF PAYMENTS MADE – PROMPT PAYMENT (SIGNET)**

In accordance with Section 108.01 of the Standard Specifications, the Contractor shall pay all subcontractors their respective subcontract amount within 10 calendar days after the Contractor receives payment from the Department. Payment is defined as issuing an Electronic Funds Transfer (EFT) or mailing a check to a subcontractor. The 10-day requirement is met on the date that payment is issued to the subcontractor.

First-tier subcontractors have the same obligation to any second-tier subcontractors. Subcontractors must pay their second-tier subcontractors within 10 days of receipt of payment from the Prime Contractor.

ARDOT monitors payments made by prime contractors to both DBE and non-DBE subcontractors to ensure compliance with prompt payment requirements. Prime contractors are required to report payments made to all subcontractors, and subcontractors must report payments made to any lower-tier subcontractors. Subcontractors are required to confirm receipt of payment.

The tracking of subcontractor prompt payment is conducted using the Signet™ application. Signet™ is a third-party service, supported by the software vendor, which is used by both Prime and Subcontractors. Signet™ is a reporting tool only and does not process financial transactions. ARDOT does not provide direct technical support for Signet™. Information about Signet™ may be found at <https://signet-help.zendesk.com> and by clicking the Signet™ tab.

Signet™ shall be required for use on this construction contract.

Upon completion of the first payment estimate on the contract Signet™ will automatically notify the Contractor via email prompting registration in Signet™ for that contract. The Prime Contractor will be required to pay a one-time, fixed fee of \$1,100 for this contract. Payment will be made to the Signet™ vendor. This will activate use of Signet™ for the Prime and all Subcontractors for the duration of that contract, regardless of contract value, number of subcontractors, contract duration, or number of payments reported. Subcontractors will not be charged any fee to register for contracts.

After each estimate, the Prime Contractor will report remitted payment to subcontractors in Signet™. This will trigger notification to each subcontractor via email requesting verification of the reported payment. The subcontractor will be given the opportunity to register with Signet™ at that time (for no cost).

The Prime or Subcontractor reporting payment must report the following information in Signet™:

- The name of the subcontractor or second-tier subcontractor receiving payment.
- The dollar amount of the payment made to the subcontractor or second-tier subcontractor.
- The date the payment was made to the subcontractor or second-tier subcontractor.
- Any retainage, which is only permitted if it was included in the individual subcontract when it was submitted to the Department for acknowledgement.
- The DBE Function performed for this payment (if the subcontractor/second-tier subcontractor is a DBE).
- Other information required by Signet™.

ARKANSAS DEPARTMENT OF TRANSPORTATION**SPECIAL PROVISION****JOB NO. SA5955****DOCUMENTATION OF PAYMENTS MADE – PROMPT PAYMENT (SIGNET)**

The contractor must report the return of retainage or other withholdings in separate, standalone payment entries (separate from routine, planned progress payment estimates).

In the event that no subcontract work is included in a payment estimate, such that no payment is due to any subcontractors, the Prime Contractor shall mark the payment complete within Signet™, and no other payments are required to be reported for that estimate.

Subcontractors must verify in the Signet™ application each payment reported by a payer within 10 days of the payment being reported by the payer. This verification includes whether the payment was received and, if so, whether it was as expected.

Basis of Payment. The cost of registration for the Signet™ application will be reimbursed by the Department using a line item in the contract. The reimbursement will be set to match the current cost of the registration fee for Signet™ and will not be bid by the contractor. All costs for usage, time, labor, or other costs for reporting payments to subcontractors through the Signet™ application will be considered incidental and no direct payment will be made for these.

ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA5955

IMMEDIATE WORK ORDER

Bidders are advised that it is the intent of the Department to issue a work order to the successful bidder immediately after execution of the Contract by the Commission.

ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA5955

BIDDING REQUIREMENTS AND CONDITIONS

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 following paragraph has been added to **Subsection 102.01**.

A contractor with common officers/owners/partners of any firm, partnerships, joint ventures, or corporations that is seeking prequalification, has been prequalified, or has entered into a previous or current contract with the Commission may have the prequalification denied, limited, or revoked for the reasons listed in Subsection 102.04(a)-(m).

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.

ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA5955

BIDDING REQUIREMENTS AND CONDITIONS

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.

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.

ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA5955

BIDDING REQUIREMENTS AND CONDITIONS

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.

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.

ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA5955

BIDDING REQUIREMENTS AND CONDITIONS

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.
 - (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.

ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA5955

BIDDING REQUIREMENTS AND CONDITIONS

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.

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. SA5955

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. SA5955

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. SA5955****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.

ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA5955

PRICE ADJUSTMENT FOR ASPHALT BINDER

A price adjustment clause is included in this Contract to provide additional compensation to the Contractor or a credit to the Department for fluctuations in asphalt binder prices. This price adjustment is dependent upon a change in the average price of asphalt binder which results in an increase or decrease in the price of products utilized on this project.

Payment. Payment will be made to the Contractor for monthly fluctuation in the price of asphalt binder used in performing the applicable items of Asphalt Concrete Hot Mix and Ultrathin Bonded Wearing Course work as listed in the table below when the asphalt binder price fluctuates from the base price defined below. Payment may be positive, negative, or nonexistent depending on the circumstances. Payments or deductions for the asphalt binder price adjustment will be included in the Contractors current estimates, and the payment or deduction authorized for each estimate will be based upon the quantities for applicable items of work.

The Asphalt Binder Price Adjustment will be a dollar amount paid as compensation to the Contractor, or as a credit to the Department as reflected on the Current (or Final) Estimate Summary Report as Payment Adjustments.

Asphalt Binder Price Adjustment (ABPA). The Asphalt Binder Price Adjustment (ABPA) for the current estimate will be computed according to the following formula:

$$ABPA = Q \times D \times (IQP / 100)$$

Where

- ABPA = Asphalt binder price adjustment, in dollars;
- Q = Quantities paid for the applicable items on the current estimate; tons of mix for ACHM items or square yards for Ultrathin Bonded Wearing Course
- D = Allowable price differential, in dollars;
- IQP = Item Quantity Percent, Quantity of Indexed Material per unit of the applicable item on the current estimate.

The above formula will be applied to each individual payment of the applicable item. When the Current (or Final) estimate is generated, the sum of these individual adjustments will be included as a Payment Adjustment.

| Applicable Items of Work | | |
|--|----------------------|-----------------------|
| ITEM OF WORK | SPECIFICATION NUMBER | ITEM QUANTITY PERCENT |
| Asphalt Binder in ACHM Base Course | 405 | 100 |
| Asphalt Binder in ACHM Binder Course | 406 | 100 |
| Asphalt Binder in ACHM Surface Course | 407 | 100 |
| Ultrathin Bonded Wearing Course (Type B) | SP | 5.5 |
| Ultrathin Bonded Wearing Course (Type C) | SP | 5.4 |

ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA5955

PRICE ADJUSTMENT FOR ASPHALT BINDER

The terms of this Special Provision will apply only to the items listed in this Special Provision table above. No other items on the contract will be subject to the terms of this Special Provision.

The allowable price differential, "D", for the current estimate will be computed according to the following formula, using the appropriate binder grades:

$$D = P - P(b)$$

P, the asphalt binder current price in dollars per ton, is the Monthly Asphalt Binder Price Index for the month in which the payment entry is entered.

P(b), the asphalt binder base price in dollars per ton, is the Monthly Asphalt Binder Price Index for the month in which the bids for the work were received.

Asphalt Binder Index Determination.

PG64-22 Binders. The Monthly Asphalt Binder Price Index for PG64-22 binders will be determined by calculating the average for performance-graded binder using the Selling Price of PG 64-22 paving grade. The monthly asphalt binder price will be an average of five asphalt binder prices. The prices will be furnished by the four largest asphalt binder suppliers in the State of Arkansas as determined by the previous calendar year. For an asphalt supplier to be included in the asphalt binder price index they must supply at least ten percent of the asphalt binder in Arkansas. The final component in the asphalt binder price index will be the Asphalt Weekly Monitor® furnished by Poten & Partners, Inc. The issue of the Asphalt Weekly Monitor® used will be for the last full week in the previous month received by the Department prior to the first day of the index month. The four largest suppliers included in the asphalt binder price index shall furnish the Department with their average price on the Thursday before the Friday of the last full week of the month. If any supplier fails to submit a price by this deadline, that supplier's price will not be included in the asphalt binder price index for that month.

PG70-22 and PG76-22 Binders (including Asphalt Binder in Ultrathin Bonded Wearing Course). The monthly Asphalt Binder Price Index for PG70-22 and PG76-22 binders (including asphalt binder in Ultrathin Bonded Wearing Course) will be determined by the same method above, except that the price from the Asphalt Weekly Monitor® will not be used in the calculation of the monthly average binder price. The monthly asphalt binder price for PG70-22 and PG76-22 binders will be calculated using the average of the prices supplied by the four largest binder suppliers in the State for those grades.

Supplemental Items Subject to Adjustment. Items included in the contract that are listed in the table above are subject to adjustment in accordance with this provision, regardless of any amount of overrun to the plan quantity. Any new items of work added to the Contract by supplemental agreement that are listed in the table above will be subject to the asphalt binder price adjustments in accordance with this provision. The base asphalt binder price, P(b), for any newly added eligible items will be the same P(b) as the eligible items in the Contract, and the new unit price established by supplemental agreement will be determined accordingly.

06-03-2015
10-02-2015 Rev.,11-16-2017 Rev.,
12-06-2018 Rev.,02-25-2021 Rev.,
04-13-2022 Rev.,01-12-2023 Rev.,
02-29-2024 Rev.

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ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA5955

PRICE ADJUSTMENT FOR ASPHALT BINDER

Viewing Asphalt Binder Price Index. Historical asphalt binder price index values will be available in the "Asphalt Binder Index Report" document located on the ARDOT website at <https://ardot.gov/divisions/construction/construction-information/> under Asphalt Binder Information.

ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA5955

PRICE ADJUSTMENT FOR FUEL

A price adjustment clause is included in this Contract to provide additional compensation to the Contractor or a credit to the Department for fluctuations in diesel fuel prices. This price adjustment is dependent upon a change in the average price of fuel which results in an increase or decrease in the price of products utilized on this project. For the purposes of this specification, it is assumed that all fuel used is diesel fuel and that the fuel use factors shown in the table below cover all fuel used in delivery to the plant, production, hauling to the job site, placement, and finishing of the items of work shown.

Payment. Payment will be made to the Contractor for monthly fluctuation in the price of diesel fuel used in performing the applicable items as listed in the table below when the diesel fuel price fluctuates from the base price defined below. Payments may be positive, negative, or nonexistent depending on the circumstances. Payments or deductions for the fuel price adjustment will be included in the Contractor's current estimates, and the payment or deduction authorized for each estimate will be based upon the quantities for applicable items of work. Subcontracts should include the payment or deduction of fuel price adjustments on pay items listed in the table below when those items are included in a subcontract.

The Fuel Price Adjustment will be a dollar amount paid as compensation to the Contractor, or as a credit to the Department as reflected on the Current (or Final) Estimate Summary Report as Payment Adjustments.

Fuel Price Adjustment (FPA). The Fuel Price Adjustment (FPA) for the current estimate will be computed according to the following formula:

$$FPA = Q \times F \times D$$

Where

- FPA = Fuel price adjustment, in dollars;
- Q = Quantities paid for the applicable items on the current estimate,
- F = The Fuel Use Factor for the applicable items of work subject to this price adjustment, as listed in the table below,
- D = Allowable price differential, in dollars.

The above formula will be applied to each individual payment of the applicable item. When the Current (or Final) estimate is generated, the sum of these individual adjustments will be included as a Payment Adjustment.

ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA5955

PRICE ADJUSTMENT FOR FUEL

| Fuel Use Factors | | |
|---|-----------------------------|--------------------------|
| Item of Work | Specification Numbers | Fuel Use Factor Per Unit |
| Earthwork: (Unclassified Excavation, Compacted Embankment, Selected Material) | 210,302 | 0.34 gal./C.Y. |
| Soil Stabilization | Special Provision | 2.28 gal./ton |
| Shaping: (Shaping Roadway Section, Subgrade Preparation, Trenching and Shoulder Preparation, Scarifying and Recompacting Shoulders) | 213,214,215,216 | 2.52 gal./Station |
| Base Course and Stone: (Stone Backfill, Aggregate Base Course, Soil Aggregate in Cement Treated Base Course, Aggregate in Cement Stabilized Crushed Stone Base Course, Mineral Aggregate in Asphalt Surface Treatment) | 207,303,307,308,309,310,402 | 0.54 gal./ton |
| ACHM Paving: (ACHM Base Course, ACHM Binder Course, ACHM Surface Course, Open Graded Asphalt Base Course) | 405,406,407,417 | 2.36 gal./ton |
| Ultrathin Bonded Wearing Course (All Types) | Special Provision | 2.18 gal./ton |
| Milling: (Cold Milling Asphalt Pavement, Grinding Portland Cement Concrete Pavement) | 412, 510 | 0.18 gal./S.Y. |
| PCC Paving: (Portland Cement Concrete Base, Open Graded Portland Cement Concrete Base, Portland Cement Concrete Pavement, High Early Strength Concrete Pavement, Continuously Reinforced Concrete Pavement, Portland Cement Concrete Driveway) | 309, 310,501,503,505 | 0.44 gal./S.Y. |
| Structural Concrete (Approach Slabs, Approach Gutters, Class B Concrete-Bridge, Class S Concrete-Bridge, Class S(AE) Concrete-Bridge, Seal Concrete-Bridge, Class A Concrete-Roadway, Class S Concrete-Roadway) | 504, 802 | 1.75 gal./C.Y. |
| Flatwork: (Concrete Ditch Paving, Concrete Islands, Concrete Walks, Wheelchair Ramps) | 605,632,633,641 | 0.30 gal./S.Y. |

ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA5955

PRICE ADJUSTMENT FOR FUEL

When the units of measure in this contract for the items of work listed in the table do not correspond with the units shown in the table (i.e. Asphalt Concrete paid by the square yard, etc.), those items will not be subject to the terms of this special provision or any fuel price adjustment.

The allowable price differential, "D", for the current estimate will be computed according to the following formula:

$$D = P - P(b)$$

P, the current fuel price in dollars per gallon, is the Monthly Fuel Price Index for the month in which the payment entry is entered.

P(b), the fuel base price in dollars per gallon, is the Monthly Fuel Price Index for the month in which the bids for the work were received.

Fuel Price Index Determination. The Monthly Fuel Price Index will be determined by using the On-Highway retail price for No. 2 Diesel Fuel – ULS (Ultra Low Sulfur), as listed for the US Gulf Coast region on the U.S. Energy Information Administration's website. The value used will be that for either the closest Monday prior to the first calendar day of the index month or the first calendar day of the index month, if that is a Monday.

<https://www.eia.gov/opendata/qb.php?sdid=PET.EMD EPD2DXL0 PTE R30 DPG.W>

Supplemental Items Subject to Adjustment. Items included in the contract that are listed in the table above are subject to adjustment in accordance with this provision, regardless of any amount of overrun to the plan quantity. Any new items of work added to the Contract by supplemental agreement that are listed in the table above will be subject to the fuel price adjustments in accordance with this provision. The base fuel price, P(b), for any newly added eligible items will be the same P(b) as the eligible items in the Contract, and the new unit price established by supplemental agreement will be determined accordingly.

Viewing Fuel Price Index. Historical fuel price index values will be available in the "Asphalt Binder Index Report" document located on the ARDOT website under Fuel Price Information at <https://ardot.gov/divisions/construction/construction-information/>.

Opt Out Option. The Contractor, at its own discretion, can choose to opt out of the adjustments for fuel prices determined by this special provision. If the Contractor wishes to utilize this option, an authorized representative of the firm must sign the form on Page 4 of this special provision and submit it to the Department at PMD@ardot.gov prior to the time and date of the bid letting for this project. This representative must currently be listed with the Department as an officer approved to sign contracts in the firm's name.

ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA5955

PRICE ADJUSTMENT FOR FUEL

OPT OUT OF PRICE ADJUSTMENTS TO FUEL

As an authorized representative of this company, I hereby choose the option to opt out of the price adjustments for fuel for all pay items allowable by this special provision for this contract. By signature of this form, my firm waives all payment adjustments for fuel indexing for the duration of this project and waives any subsequent appeals for additional compensation for fuel price fluctuations.

This action only applies to the construction contract for the job number listed in the header of this document.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

Company Name: _____

NOTE: To opt out, this completed form must be submitted to the Department at PMD@ardot.gov prior to the time and date of the bid letting for this project.

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 table:

WORKING DAY PROJECTS

| ORIGINAL CONTRACT AMOUNT | | |
|---------------------------------|-------------------------|-------------|
| FROM MORE THAN | TO AND INCLUDING | RATE |
| \$ 0 | \$ 100,000 | \$ 140 |
| 100,000 | 500,000 | 400 |
| 500,000 | 1,000,000 | 660 |
| 1,000,000 | 2,000,000 | 800 |
| 2,000,000 | 5,000,000 | 1,380 |
| 5,000,000 | 10,000,000 | 1,800 |
| 10,000,000 | 15,000,000 | 2,620 |
| 15,000,000 | 20,000,000 | 2,720 |
| 20,000,000 | 30,000,000 | 2,940 |
| 30,000,000 | ----- | 3,500 |

FIXED DATE PROJECTS

| ORIGINAL CONTRACT AMOUNT | | |
|---------------------------------|-------------------------|-------------|
| FROM MORE THAN | TO AND INCLUDING | RATE |
| \$ 0 | \$ 100,000 | \$ 60 |
| 100,000 | 500,000 | 80 |
| 500,000 | 1,000,000 | 220 |
| 1,000,000 | 2,000,000 | 300 |
| 2,000,000 | 5,000,000 | 420 |
| 5,000,000 | 10,000,000 | 1,000 |
| 10,000,000 | 15,000,000 | 1,200 |
| 15,000,000 | 20,000,000 | 1,300 |
| 20,000,000 | 30,000,000 | 1,400 |
| 30,000,000 | ----- | 1,520 |

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
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(j) 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.

Subsection 102.04(n) is hereby added:

(n) If the prospective bidder has an individual, as an officer/owner/partner of any firm, partnerships or corporation, that has entered into a previous or current contract with the Commission that in the Department's sole discretion, is subject to any of the reasons listed in Subsection 102.04(a)-(m).

**ARKANSAS DEPARTMENT OF TRANSPORTATION
SUPPLEMENTAL SPECIFICATION
PREQUALIFICATION OF BIDDERS**

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

The following paragraph has been added to **Subsection 102.01**:

A contractor with common officers/owners/partners of any firm, partnerships, joint ventures, or corporations that is seeking prequalification, has been prequalified, or has entered into a previous or current contract with the Commission may have the prequalification denied, limited, or revoked for the reasons listed in Subsection 102.04(a)-(m).

ARKANSAS DEPARTMENT OF TRANSPORTATION

SUPPLEMENTAL SPECIFICATION

CONTACT INFORMATION FOR MOTORIST DAMAGE CLAIMS

Section 103, AWARD AND EXECUTION OF CONTRACT, of the Standard Specifications for Highway Construction, Edition of 2014, is hereby amended as follows:

The following is added as the fourth paragraph of **Subsection 103.05(b), Liability Insurance**:

Prior to beginning construction, the Contractor shall provide the Engineer with the name, phone number and e-mail address for the individual within their organization responsible for submission of claims for damages to motorists' vehicles inside the work zones. This information shall be updated annually or whenever this responsibility changes within the Contractor's organization. The information will be made available to the public on the Department's webpage.

ARKANSAS DEPARTMENT OF TRANSPORTATION
SUPPLEMENTAL SPECIFICATION
MAINTENANCE DURING CONSTRUCTION

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.

ARKANSAS DEPARTMENT OF TRANSPORTATION
SUPPLEMENTAL SPECIFICATION
RESTRAINING CONDITIONS

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.

ARKANSAS DEPARTMENT OF TRANSPORTATION

SUPPLEMENTAL SPECIFICATION

RESTRAINING CONDITIONS

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.

ARKANSAS DEPARTMENT OF TRANSPORTATION

SUPPLEMENTAL SPECIFICATION

WORK ORDER FOR FIXED COMPLETION DATE CONTRACTS

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

Subsection 108.02(b)(4) a. is hereby deleted, and the following is substituted therefor:

a. Fixed Completion Date Contract. Unless the Contractor is otherwise advised in writing, the Work Order for a fixed completion date contract shall become effective on the second business day following the execution of the Contract by the Department. (Example: If the contract is executed on Wednesday, March 1, the Work Order will be effective on Friday, March 3.) Should the effective date fall on Saturday, Sunday, legal holiday designated in Subsection 101.01(c), Monday following a holiday on Sunday, or Friday preceding a holiday on Saturday, the effective date shall still be on the second business day. The written Work Order from the Engineer will follow with the effective date being as specified.

ARKANSAS DEPARTMENT OF TRANSPORTATION
SUPPLEMENTAL SPECIFICATION
QUALITY CONTROL AND ACCEPTANCE

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.

ARKANSAS DEPARTMENT OF TRANSPORTATION

SUPPLEMENTAL SPECIFICATION

ASPHALT SURFACE TREATMENT

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

Section 402, Asphalt Surface Treatment, is hereby modified as follows:

The first sentence of **Subsection 402.07(b)** is hereby deleted and the following substituted therefor:

Asphalt material will be paid for at the contract unit price bid per gallon (liter) for Asphalt in Surface Treatment, Polymer Modified Cationic Emulsified Asphalt (CRS-2P) (solid polymer), or Polymer Modified Cationic Emulsified Asphalt (CRS-2P) (latex polymer).

The third paragraph of **Subsection 402.07(b)** is hereby deleted and the following substituted therefor:

Payment will be made under:

| Pay Item | Pay Unit |
|---|---|
| Mineral Aggregate in Asphalt Surface Treatment (Class___) | Cubic Yard (Cubic Meter) or Ton (Metric Ton) |
| Asphalt in Surface Treatment | Gallon (Liter) |
| Polymer Modified Cationic Emulsified Asphalt (CRS-2P) (solid polymer) | Gallon (Liter) |
| Polymer Modified Cationic Emulsified Asphalt (CRS-2P) (latex polymer) | Gallon (Liter) |

Section 403, Materials and Equipment for Prime, Tack, and Asphalt Surface Treatments, is hereby modified as follows:

Subsection 403.03(e) is hereby deleted and the following substituted therefor:

(e) Polymer Modified Cationic Emulsified Asphalt. Polymer Modified Cationic Emulsified Asphalt (CRS-2P) (solid polymer) and Polymer Modified Cationic Emulsified Asphalt (CRS-2P) (latex polymer) shall conform to the requirements of AASHTO M 316. The use of (CRS-2P) (solid polymer) or (CRS-2P) (latex polymer) will be specified in the plans. In addition, (CRS-2P) (solid polymer) and (CRS-2P) (latex polymer) shall have: 1) A minimum Saybolt Furol Viscosity at 122° F (50° C) at the point of manufacture and/or origin of 200 seconds, and a maximum Saybolt Furol

ARKANSAS DEPARTMENT OF TRANSPORTATION

SUPPLEMENTAL SPECIFICATION

ASPHALT SURFACE TREATMENT

Viscosity of 500 seconds. The Saybolt Furol Viscosity at 122° F (50° C) on destination field samples shall be within the limits of 100-500 seconds. If the asphalt fails to comply at 122° F (50° C) test temperature, the test shall be repeated at 160° F (71° C) and shall be within the limits of 90-200 seconds, and 2) the minimum residue from distillation by weight shall be 68%.

The Table in **Subsection 403.04** is hereby deleted and the following substituted therefor:

| Type and Grade | Recommended Range | | Maximum Allowable | |
|--|-------------------|---------|-------------------|-----|
| | °F | °C | °F | °C |
| RC-70 | 80-150 | 27-66 | 175 | 80 |
| RC-250 | 100-175 | 38-80 | 200 | 93 |
| RC-800 | 160-225 | 71-107 | 250 | 121 |
| RC-3000 | 200-275 | 93-135 | 290 | 143 |
| MC-30, MC-70 | 80-150 | 27-66 | 175 | 80 |
| MC-250 | 100-200 | 38-93 | 230 | 110 |
| MC-800 | 185-260 | 85-127 | 275 | 135 |
| MC-3000 | 225-275 | 107-135 | 290 | 143 |
| RS-1 | 70-160 | 21-71 | 160 | 71 |
| RS-2 | 125-185 | 52-85 | 185 | 85 |
| MS-2 | 70-160 | 21-71 | 160 | 71 |
| SS-1, SS-1h | 70-160 | 21-71 | 160 | 71 |
| CRS-1, CRS-2, (CRS-2P) (solid polymer), (CRS-2P) (latex polymer) | 125-185 | 52-85 | 185 | 85 |
| CMS-2h, CMS-2 | 70-160 | 21-71 | 160 | 71 |
| CSS-1, CSS-1h | 70-160 | 21-71 | 160 | 71 |
| All Asphalt Binders | 275-325 | 135-163 | 350 | 177 |

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.

ARKANSAS DEPARTMENT OF TRANSPORTATION

SUPPLEMENTAL SPECIFICATION

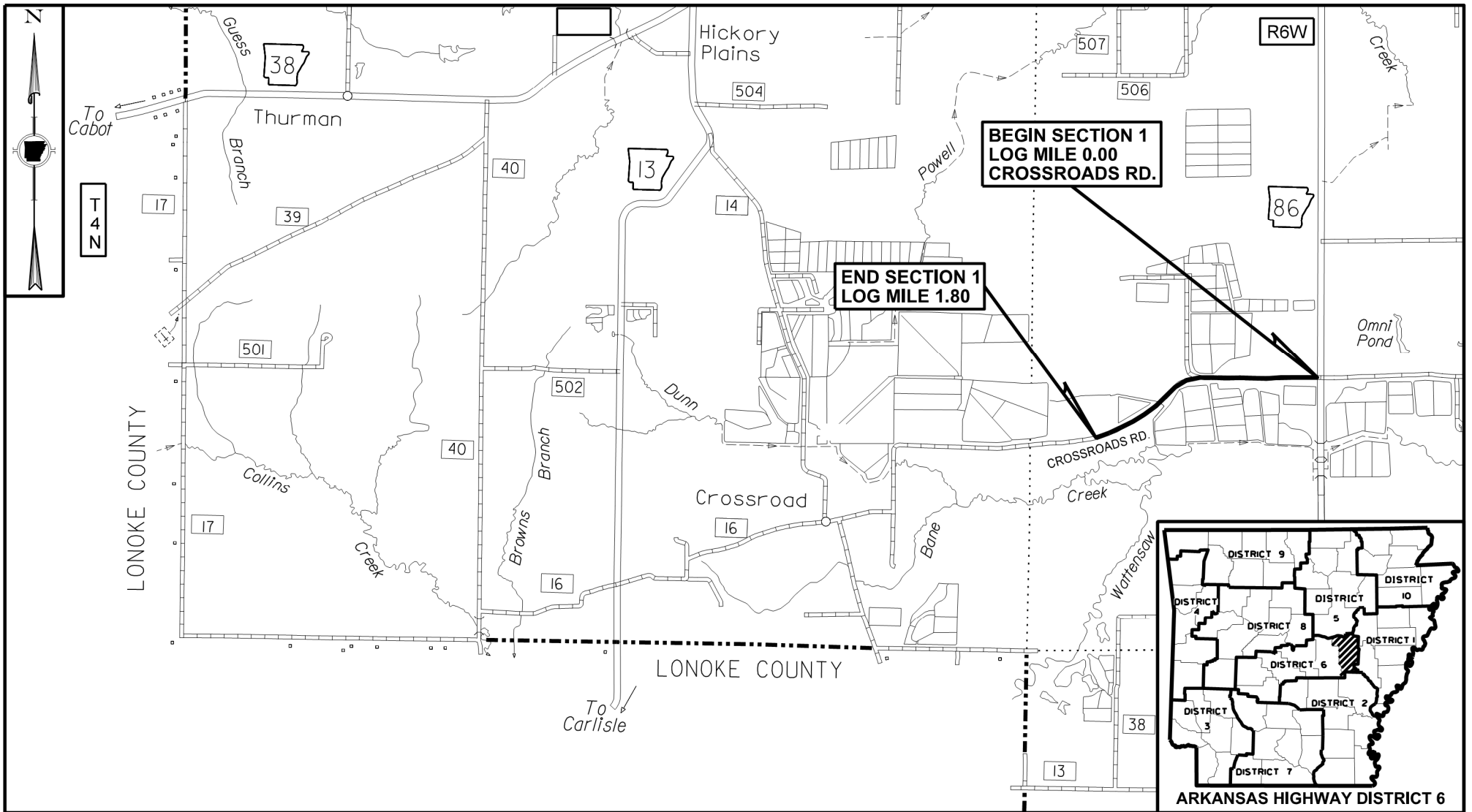
TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES (MASH)

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

The first paragraph of **Subsection 604.02 Materials (a) General** is hereby deleted and the following substituted therefor:

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:

http://safety.fhwa.dot.gov/roadway_dept/policy_guide/road_hardware/.



APPROXIMATE CENTER OF PROJECT
 LATITUDE: N 34° 52' 56"
 LONGITUDE: W 91° 40' 18"

JOB SA5955
HWY. 86 - WEST (RESEAL) (S)
CROSSROADS RD.
PRAIRIE COUNTY

Digitally signed by
 Freeling, Bryan E.
 Date: 2026.04.28
 15:08:55-05'00'



INDEX OF SHEETS

| SHEET NO. | TITLE |
|-------------|---------------------------------------|
| 1 _____ | TITLE SHEET |
| 2 _____ | INDEX OF SHEETS AND STANDARD DRAWINGS |
| 3 - 4 _____ | GOVERNING SPECIFICATIONS |
| 5 _____ | GENERAL NOTES |
| 6 _____ | TYPICAL SECTIONS OF IMPROVEMENT |
| 7 - 9 _____ | QUANTITIES |
| 10 _____ | SUMMARY OF QUANTITIES AND REVISIONS |

ROADWAY STANDARD DRAWINGS

| DRWG. NO. | TITLE | DATE |
|------------|--|----------|
| PM-1 _____ | PAVEMENT MARKING DETAILS _____ | 04-09-26 |
| TC-1 _____ | STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION _____ | 08-14-25 |
| TC-2 _____ | STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION _____ | 08-14-25 |
| TC-3 _____ | STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION _____ | 08-14-25 |

GOVERNING SPECIFICATIONS (SHEET 1 OF 2)

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

| NUMBER | TITLE |
|--------------|--|
| ERRATA _____ | ERRATA FOR THE BOOK OF STANDARD SPECIFICATIONS |
| 100-3 _____ | CONTRACTOR'S LICENSE |
| 100-4 _____ | DEPARTMENT NAME CHANGE |
| 102-2 _____ | ISSUANCE OF PROPOSALS |
| 102-3 _____ | PREQUALIFICATION OF BIDDERS |
| 103-2 _____ | CONTACT INFORMATION FOR MOTORIST DAMAGE CLAIMS |
| 105-4 _____ | MAINTENANCE DURING CONSTRUCTION |
| 107-2 _____ | RESTRAINING CONDITIONS |
| 108-1 _____ | LIQUIDATED DAMAGES |
| 108-2 _____ | WORK ALLOWED PRIOR TO ISSUANCE OF WORK ORDER |
| 108-3 _____ | WORK ORDER FOR FIXED COMPLETION DATE CONTRACTS |
| 306-1 _____ | QUALITY CONTROL AND ACCEPTANCE |
| 400-2 _____ | ASPHALT SURFACE TREATMENT |
| 604-1 _____ | RETROREFLECTIVE SHEETING FOR TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES |
| 604-3 _____ | TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES (MASH) |

GOVERNING SPECIFICATIONS (SHEET 2 OF 2)

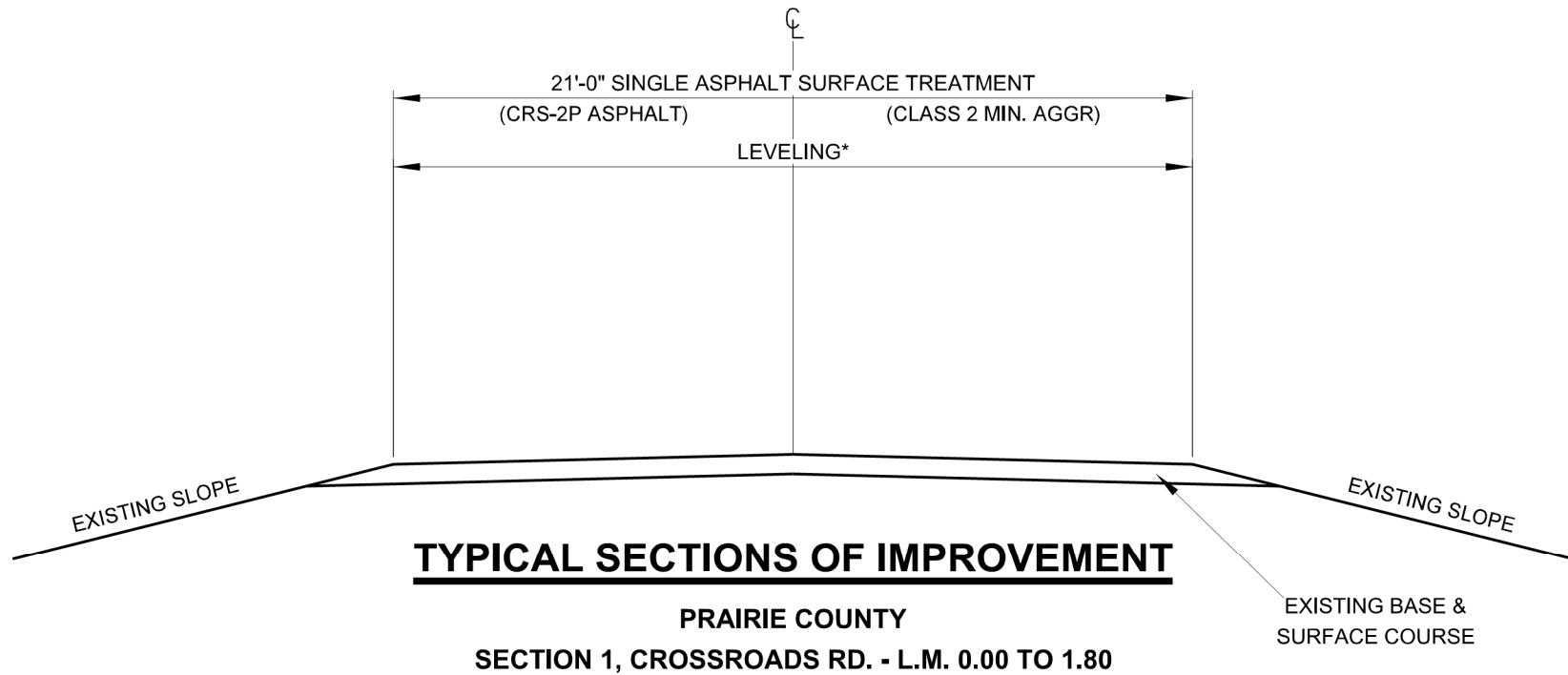
ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION,
EDITION OF 2014, AND THE FOLLOWING SPECIAL PROVISIONS AND SUPPLEMENTAL SPECIFICATIONS.

| NUMBER | TITLE |
|-----------------|--|
| JOB SA5955_____ | BIDDING REQUIREMENTS AND CONDITIONS |
| JOB SA5955_____ | DOCUMENTATION OF PAYMENTS MADE - PROMPT PAYMENT (SIGNET) |
| JOB SA5955_____ | IMMEDIATE WORK ORDER |
| JOB SA5955_____ | LIQUIDATED DAMAGES PROCEDURE FOR BID LETTINGS |
| JOB SA5955_____ | MANDATORY ELECTRONIC CONTRACT |
| JOB SA5955_____ | MANDATORY ELECTRONIC DOCUMENT SUBMITTAL |
| JOB SA5955_____ | PRICE ADJUSTMENT FOR ASPHALT BINDER |
| JOB SA5955_____ | PRICE ADJUSTMENT FOR FUEL |
| JOB SA5955_____ | VENDOR REGISTRATION REQUIREMENTS |

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. REPAIRS TO EXISTING SURFACE AND INSTALLATION OF PERMANENT TRAFFIC SAFETY SIGNS NOT SHOWN IN THE PLANS IS THE RESPONSIBILITY OF PRAIRIE COUNTY.
3. THE CONTRACTOR SHALL CLIP GRASS AND DEBRIS FROM THE EDGE OF THE EXISTING ROADWAY. THESE "CLIPPINGS" SHALL BE PULLED UP TO THE EDGE OF THE NEW PAVEMENT IN SECTIONS WHERE THE SHOULDERS ARE NOT BEING REBUILT WITH AGGREGATE OR BORROW. NO DIRECT PAYMENT WILL BE MADE FOR THIS WORK.

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



* LOCATION AND APPLICATION RATES
ARE AT THE DIRECTION OF THE
ENGINEER. SEE QUANTITY SHEET FOR
ESTIMATED AMOUNTS.

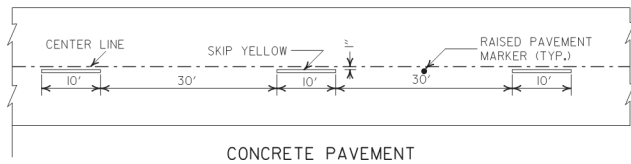
REFLECTORIZED PAINT PAVEMENT MARKING

| DESCRIPTION | LOG MILE | | YELLOW MARKING |
|-----------------------------------|----------|------|----------------|
| | | | 4" |
| | FROM | TO | LIN. FT. |
| SECTION 1 - CROSSROADS RD. | | | |
| MAIN LANES - CONTINUOUS | 0.00 | 1.80 | 19008 |
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| TOTAL: | | | 19008 |

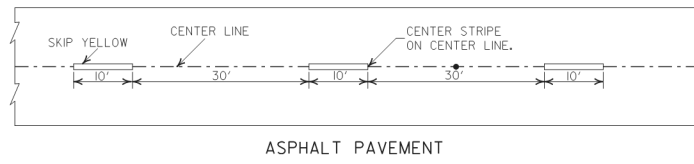
THIS IS A LOW VOLUME ROAD AS DEFINED IN SECTION 604.03 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

TRAFFIC CONTROL DEVICES

| LOCATION | W20-1 | | | | | | G20-1 | | G20-2 | | R2-6aP | | R2-11 | | R4-1 | |
|-----------------------------------|----------|---------|----------|---------|---------|---------|-------|---------|-------|---------|--------|---------|-------|---------|------|---------|
| | 1500 FT. | | 1000 FT. | | 500 FT. | | | | | | | | | | | |
| | NO. | SQ. FT. | NO. | SQ. FT. | NO. | SQ. FT. | NO. | SQ. FT. | NO. | SQ. FT. | NO. | SQ. FT. | NO. | SQ. FT. | NO. | SQ. FT. |
| SECTION 1 - CROSSROADS RD. | | | | | | | | | | | | | | | | |
| BEGIN SECTION | | | | | | | 1 | 10.00 | 1 | 8.00 | 1 | 12.00 | 1 | 12.00 | | |
| END SECTION | 1 | 16.00 | 1 | 16.00 | 1 | 16.00 | 1 | 10.00 | 1 | 8.00 | 1 | 12.00 | 1 | 12.00 | | |
| ENTIRE SECTION | | | | | | | | | | | | | | | 8 | 40.00 |
| | | | | | | | | | | | | | | | | |
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| SUBTOTALS: | 1 | 16.00 | 1 | 16.00 | 1 | 16.00 | 2 | 20.00 | 2 | 16.00 | 2 | 24.00 | 2 | 24.00 | 8 | 40.00 |
| TOTAL: | | | | | | | | | | | | | | | | 172.00 |

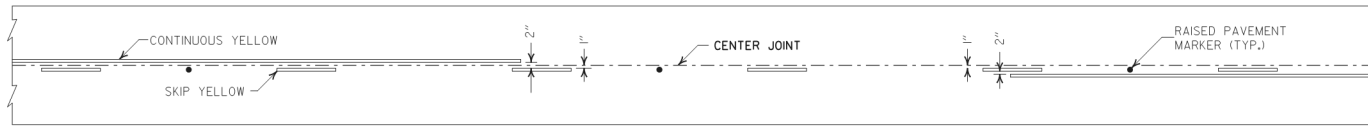


CONCRETE PAVEMENT



ASPHALT PAVEMENT

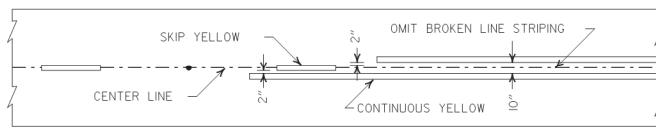
BROKEN LINE STRIPING



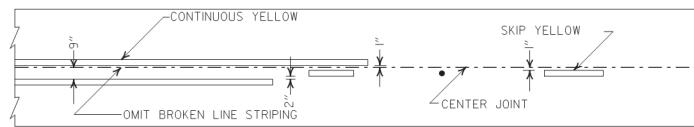
SOLID LINE STRIPING ON CONCRETE PAVEMENT



SOLID LINE STRIPING ON ASPHALT PAVEMENT

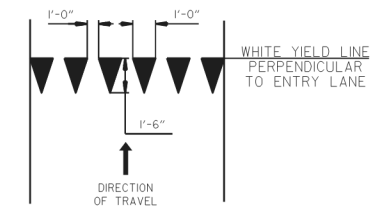


ASPHALT PAVEMENT

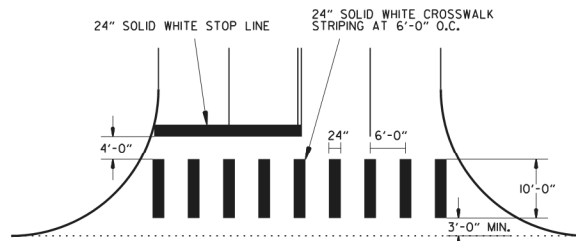


CONCRETE PAVEMENT

STRIPING AT ADJACENT NO PASSING LANES

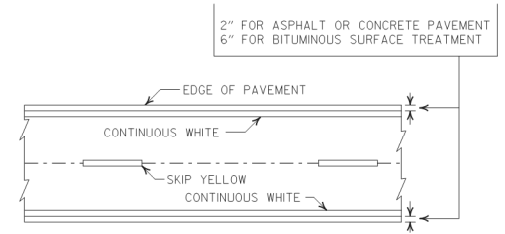


YIELD LINE DETAIL

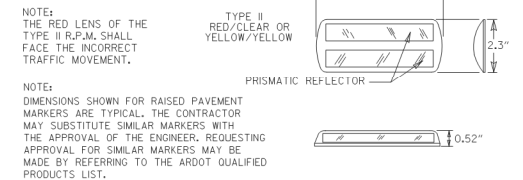


CROSSWALK AND STOP LINE DETAILS

- NOTES:
1. REFER TO THE STRIPING DETAILS FOR PAVEMENT MARKING LINE WIDTHS.
 2. THIS DRAWING SHALL BE USED IN CONJUNCTION WITH THE LATEST REVISED ADDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
 3. RAISED PAVEMENT MARKERS SHALL BE PLACED ON AN 80 FEET SPACING UNLESS OTHERWISE SHOWN IN THE PLANS.










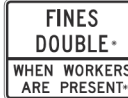



































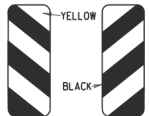


PAVEMENT EDGE LINE MARKING



DETAIL OF STANDARD RAISED PAVEMENT MARKERS


| REV. | DATE | DESCRIPTION |
|----------|------|---------------------------------------|
| 04-09-26 | | REV. CROSSWALK & STOP LINE DETAILS |
| 05-27-20 | | REV. YIELD LINE DETAILS |
| 06-07-17 | | ADDED YIELD LINE DETAIL |
| 05-12-16 | | REVISED LINE WIDTHS, SPACING, & NOTES |
| 09-12-13 | | REVISED DETAIL OF PAVEMENT MARKERS |

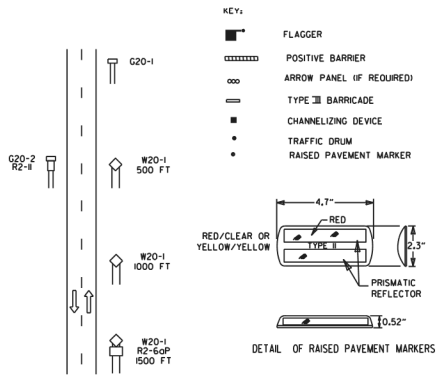
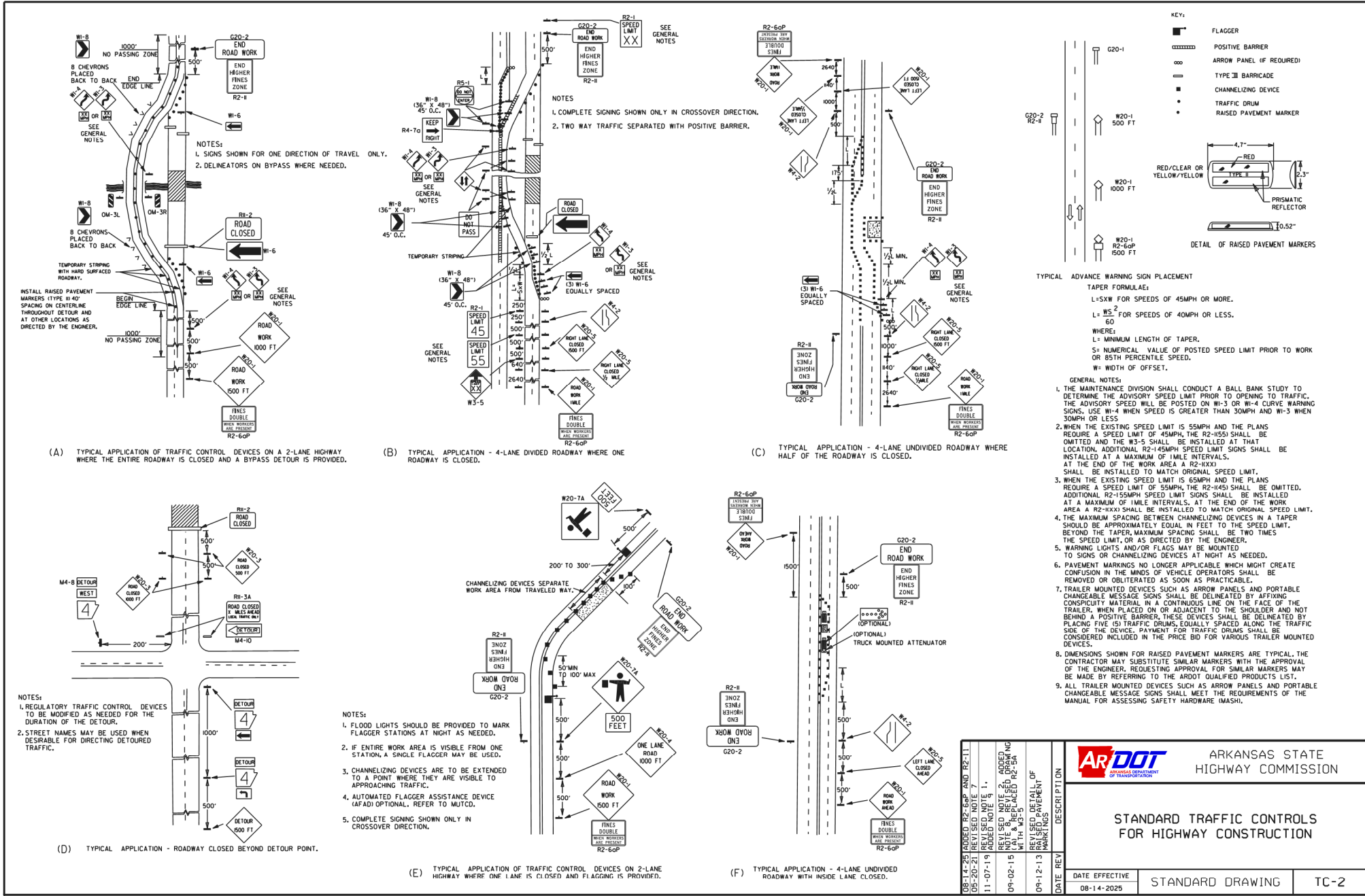
| | | |
|---------------------------------|------------------|--------------------------------------|
| | | ARKANSAS STATE HIGHWAY COMMISSION |
| PAVEMENT MARKING DETAILS | | |
| DATE EFFECTIVE 04-09-2026 | STANDARD DRAWING | PM-1 |

| | | | | | | | |
|--|---|---|---|--|--|---|---|
| <p>RI-1</p>  <p>STANDARD 30"x30" EXPRESSWAY 36"x36" SPECIAL 48"x48"</p> | <p>RI-2</p>  <p>STD. 36"x36"x36" EXPWY. 48"x48"x48" FWY. 60"x60"x60"</p> | <p>R2-1</p>  <p>STD. 24"x30" EXPWY. 36"x48" FWY. 48"x60"</p> | <p>W3-5</p>  <p>STD. 36"x36" EXPWY. 48"x48" FWY. 48"x48"</p> | <p>W3-5a</p>  <p>STD. 36"x36" EXPWY. 48"x48" FWY. 48"x48"</p> | <p>R4-1</p>  <p>STD. 24"x30" EXPWY. 36"x48" FWY. 48"x60"</p> | <p>R4-2</p>  <p>STD. 24"x30" EXPWY. 36"x48" FWY. 48"x60"</p> | <p>R2-6aP</p>  <p>48"x36" *USE 6" C LETTERS **USE 4" D LETTERS</p> |
| <p>R5-1</p>  <p>STD. 30"x30" EXPWY. 36"x36" SPECIAL 48"x48"</p> | <p>R11-2</p>  <p>48"x30"</p> | <p>R11-3A</p>  <p>60"x30"</p> | <p>R11-4</p>  <p>60"x30"</p> | <p>W21-5a</p>  <p>STD. 36"x36" FWY. 48"x48"</p> | <p>WI-1</p>  <p>STD. 36"x36" FWY. 48"x48"</p> | <p>WI-2</p>  <p>STD. 36"x36" FWY. 48"x48"</p> | <p>R2-11</p>  <p>36"x48"</p> |
| <p>WI-3</p>  <p>STD. 48"x48"</p> | <p>WI-4</p>  <p>STD. 48"x48"</p> | <p>WI-6</p>  <p>STD. 48"x24" SPECIAL 60"x30"</p> | <p>WI-8</p>  <p>STD. 18"x24" SPECIAL 24"x30" EXPWY. 30"x36" FWY. 36"x48"</p> | <p>W3-1</p>  <p>STD. 36"x36" SPECIAL 48"x48"</p> | <p>W3-2</p>  <p>STD. 36"x36" SPECIAL 48"x48"</p> | <p>W4-2</p>  <p>STD. 36"x36" FWY. 48"x48"</p> | <p>R56-1</p>  <p>STD. 18"x18"</p> |
| <p>W5-1</p>  <p>STD. 36"x36" SPECIAL 48"x48"</p> | <p>W6-3</p>  <p>EXPWY. 36"x36" SPECIAL 48"x48"</p> | <p>W8-7</p>  <p>EXPWY. 36"x36" FWY. 48"x48"</p> | <p>W9-2</p>  <p>STD. 36"x36" FWY. 48"x48"</p> | <p>W13-1</p>  <p>STD. 24"x24"</p> | <p>W20-1</p>  <p>STD. 48"x48"</p> | <p>W20-2</p>  <p>STD. 48"x48"</p> | <p>W20-3</p>  <p>STD. 48"x48"</p> |
| <p>W20-4</p>  <p>STD. 48"x48"</p> | <p>W20-5</p>  <p>STD. 48"x48"</p> | <p>W20-7a</p>  <p>STD. 36"x36" FWY. 48"x48"</p> | <p>W21-2</p>  <p>STD. 30"x30" SPECIAL 36"x36"</p> | <p>W21-5</p>  <p>STD. 30"x30" SPECIAL 36"x36"</p> | <p>W24-1</p>  <p>STD. 36"x36"</p> | <p>WI-4b</p>  <p>STD. 48"x48"</p> | |
| <p>W8-11</p>  <p>STD. 36"x36" FWY. 48"x48"</p> | <p>W8-9</p>  <p>STD. 36"x36" FWY. 48"x48"</p> | <p>C20-1</p>  <p>60"x24"</p> | <p>C20-2</p>  <p>48"x24"</p> | <p>OM-3L OM-3R</p>  <p>12"x36"</p> | <p>M4-9</p>  <p>STD. 30"x24" SPECIAL 48"x36" SPECIAL 60"x48"</p> | <p>M4-10</p>  <p>48"x18"</p> | |

- GENERAL NOTES:
- ALL TRAFFIC CONTROL DEVICES USED ON ROAD CONSTRUCTION SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION, AND TO THE STANDARD HIGHWAY SIGNS, LATEST EDITION, OR AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION.
 - TRAFFIC CONTROL DEVICES SHALL BE SET UP JUST BEFORE THE START OF CONSTRUCTION OPERATIONS AND SHALL BE PROPERLY MAINTAINED DURING THE TIME SUCH CONDITIONS EXIST. THEY SHALL REMAIN IN PLACE ONLY AS LONG AS NEEDED AND REMOVED THEREAFTER.
 - EXISTING SIGNS AND CONSTRUCTION SIGNS SHALL BE KEPT IN PROPER POSITION, AND BE CLEAN AND LEGIBLE AT ALL TIMES. SIGNS THAT DO NOT APPLY TO EXISTING CONDITIONS SHALL BE REMOVED. SIGNS THAT ARE DAMAGED, DEFACED, OR THAT ACCUMULATE DIRT DURING CONSTRUCTION SHALL BE CLEANED, REPAIRED, OR REPLACED.
 - SIGNS ARE USUALLY MOUNTED ON A SINGLE POST, ALTHOUGH THOSE WIDER THAN 36" OR LARGER THAN 10 SO.FT. SHALL BE MOUNTED ON TWO POSTS OR ABOVE A TYPE III BARRICADE.
 - SIGN POSTS DIRECT BURIED IN SOIL SHALL BE 2 LB. MINIMUM CHANNEL POST OR 4"x4" WOOD POSTS. CHANNEL POSTS SHALL BE PAINTED GREEN. WOOD POSTS SHALL BE PAINTED WHITE. ALL POSTS SHALL BE NEATLY CONSTRUCTED, AND SHALL BE REPLUMBED, CLEANED, OR REPAIRED AS NEEDED FOR THE DURATION OF THE JOB. THERE SHALL NOT BE MORE THAN 2 POSTS IN A 7' PATH FOR WOOD OR CHANNEL POSTS. ANY CHANNEL POST SPLICE SHALL BE IN ACCORDANCE WITH STANDARD DRAWING TC-3.
 - POST MOUNTED SIGNS IN RURAL AREAS SHALL BE CONSTRUCTED WITH THE NEAR EDGE OF THE SIGN FROM 6 TO 12 FEET FROM THE PAVEMENT EDGE. SIGNS IN URBAN AREAS AND BARRICADE MOUNTED SIGNS SHALL BE MOUNTED A MINIMUM OF 2 FEET FROM THE PAVEMENT EDGE.
 - ALL POST AND BARRICADE MOUNTED SIGNS MOUNTED IN URBAN AREAS SHALL BE MOUNTED A MINIMUM DISTANCE OF 7' FROM THE BOTTOM OF THE SIGN TO THE ROADWAY SURFACE. ALL POST AND BARRICADE MOUNTED SIGNS MOUNTED IN RURAL AREAS SHALL BE MOUNTED A MINIMUM DISTANCE OF 7' FROM THE BOTTOM OF THE SIGN TO THE ROADWAY SURFACE, EXCEPT A MINIMUM OF 6' SHALL BE USED WHEN MOUNTING AN ADVISORY SIGN BELOW A WARNING SIGN. TEMPORARY SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS FOR INTERMEDIATE TERM STATIONARY WORK CONDITIONS. THE SIGNS MINIMUM MOUNTING HEIGHT SHALL BE 5'. RETROREFLECTIVE DEVICES SHALL BE USED. TEMPORARY SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS FOR SHORT-TERM, SHORT DURATION, AND MOBILE CONDITIONS. THEY SHALL BE NO LESS THAN ONE (1) FOOT ABOVE THE TRAVELED WAY. LONG-TERM STATIONARY SIGNS SHALL BE DIRECT BURIED IN SOIL, UNLESS CONDITIONS NECESSITATE THE USE OF PORTABLE SIGNS, OR AS APPROVED BY THE ENGINEER. CONCRETE PADS, CONCRETE OR ROCK BALLAST, OR OTHER SOLID MATERIALS SHALL NOT BE UTILIZED WITH PORTABLE SIGN SUPPORTS.
 - FLAGGERS SHALL USE REFLECTORIZED STOP-SLOW PADDOLES. FLAGS MAY BE USED ONLY FOR EMERGENCY SITUATIONS.
 - MOST OF THE SIGNS SHOWN ARE ORIENTED TO THE RIGHT. HOWEVER, THIS DOES NOT PRECLUDE THE USE OF MIRROR IMAGES OF THESE SIGNS WHERE THE REVERSE ORIENTATION MIGHT BETTER CONVEY TO MOTORISTS THE PROPER DIRECTION OF MOVEMENT.
 - R2-6aP PLAQUES SHALL BE MOUNTED BELOW AN APPLICABLE ADVANCE WARNING SIGN THAT IS LOCATED AT LEAST 1500' BUT NOT MORE THAN 1MILE IN ADVANCE OF THE WORK ZONE. IF A SPEED LIMIT REDUCTION IS IN EFFECT, THE PLAQUE SHALL BE PLACED A MINIMUM OF 500' IN ADVANCE OF THE W3-5 "REDUCED SPEED AHEAD" SIGN. R2-11 SIGNS SHALL BE INSTALLED AT OR NEAR THE DOWNSTREAM END OF THE WORK ZONE. SEE STANDARD DRAWINGS TC-2, TC-3, AND TC-6 FOR TYPICAL PLACEMENT LOCATIONS.

*NOTE: SUPPORTS FOR SIGNS, BARRICADES, AND VERTICAL PANELS THAT ARE DIFFERENT FROM THE REQUIREMENTS SHOWN IN NOTES A & B, BUT MEET THE REQUIREMENTS OF MANUAL FOR ASSESSING SAFETY HARDWARE (MSH), WILL BE ACCEPTED. COMPLIANCE WITH THE REQUIREMENTS OF MANUAL FOR ASSESSING SAFETY HARDWARE (MSH) IS REQUIRED FOR ALL PROJECTS.

| | | | |
|---|----------------------------------|-------------------------|-------------|
|  <p>ARKANSAS STATE HIGHWAY COMMISSION</p> | | | |
| <p>STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION</p> | | | |
| <p>08-14-25 REPLACED RSP-1 WITH 11-07-19 REVISED RSP-1 & ADDED R21-5b</p> <p>04-13-17 DELETED RSP-1, R21-5b, R21-5c, R21-5d, R21-5e, R21-5f, R21-5g, R21-5h, R21-5i, R21-5j, R21-5k, R21-5l, R21-5m, R21-5n, R21-5o, R21-5p, R21-5q, R21-5r, R21-5s, R21-5t, R21-5u, R21-5v, R21-5w, R21-5x, R21-5y, R21-5z, R21-5aa, R21-5ab, R21-5ac, R21-5ad, R21-5ae, R21-5af, R21-5ag, R21-5ah, R21-5ai, R21-5aj, R21-5ak, R21-5al, R21-5am, R21-5an, R21-5ao, R21-5ap, R21-5aq, R21-5ar, R21-5as, R21-5at, R21-5au, R21-5av, R21-5aw, R21-5ax, R21-5ay, R21-5az, R21-5ba, R21-5bb, R21-5bc, R21-5bd, R21-5be, R21-5bf, R21-5bg, R21-5bh, R21-5bi, R21-5bj, R21-5bk, R21-5bl, R21-5bm, R21-5bn, R21-5bo, R21-5bp, R21-5bq, R21-5br, R21-5bs, R21-5bt, R21-5bu, R21-5bv, R21-5bw, R21-5bx, R21-5by, R21-5bz, R21-5ca, R21-5cb, R21-5cc, R21-5cd, R21-5ce, R21-5cf, R21-5cg, R21-5ch, R21-5ci, R21-5cj, R21-5ck, R21-5cl, R21-5cm, R21-5cn, R21-5co, R21-5cp, R21-5cq, R21-5cr, R21-5cs, R21-5ct, R21-5cu, R21-5cv, R21-5cw, R21-5cx, R21-5cy, R21-5cz, R21-5da, R21-5db, R21-5dc, R21-5dd, R21-5de, R21-5df, R21-5dg, R21-5dh, R21-5di, R21-5dj, R21-5dk, R21-5dl, R21-5dm, R21-5dn, R21-5do, R21-5dp, R21-5dq, R21-5dr, R21-5ds, R21-5dt, R21-5du, R21-5dv, R21-5dw, R21-5dx, R21-5dy, R21-5dz, R21-5ea, R21-5eb, R21-5ec, R21-5ed, R21-5ee, R21-5ef, R21-5eg, R21-5eh, R21-5ei, R21-5ej, R21-5ek, R21-5el, R21-5em, R21-5en, R21-5eo, R21-5ep, R21-5eq, R21-5er, R21-5es, R21-5et, R21-5eu, R21-5ev, R21-5ew, R21-5ex, R21-5ey, R21-5ez, R21-5fa, R21-5fb, R21-5fc, R21-5fd, R21-5fe, R21-5ff, R21-5fg, R21-5fh, R21-5fi, R21-5fj, R21-5fk, R21-5fl, R21-5fm, R21-5fn, R21-5fo, R21-5fp, R21-5fq, R21-5fr, R21-5fs, R21-5ft, R21-5fu, R21-5fv, R21-5fw, R21-5fx, R21-5fy, R21-5fz, R21-5ga, R21-5gb, R21-5gc, R21-5gd, R21-5ge, R21-5gf, R21-5gg, R21-5gh, R21-5gi, R21-5gj, R21-5gk, R21-5gl, R21-5gm, R21-5gn, R21-5go, R21-5gp, R21-5gq, R21-5gr, R21-5gs, R21-5gt, R21-5gu, R21-5gv, R21-5gw, R21-5gx, R21-5gy, R21-5gz, R21-5ha, R21-5hb, R21-5hc, R21-5hd, R21-5he, R21-5hf, 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R21-5ln, R21-5lo, R21-5lp, R21-5lq, R21-5lr, R21-5ls, R21-5lt, R21-5lu, R21-5lv, R21-5lw, R21-5lx, R21-5ly, R21-5lz, R21-5ma, R21-5mb, R21-5mc, R21-5md, R21-5me, R21-5mf, R21-5mg, R21-5mh, R21-5mi, R21-5mj, R21-5mk, R21-5ml, R21-5mm, R21-5mn, R21-5mo, R21-5mp, R21-5mq, R21-5mr, R21-5ms, R21-5mt, R21-5mu, R21-5mv, R21-5mw, R21-5mx, R21-5my, R21-5mz, R21-5na, R21-5nb, R21-5nc, R21-5nd, R21-5ne, R21-5nf, R21-5ng, R21-5nh, R21-5ni, R21-5nj, R21-5nk, R21-5nl, R21-5nm, R21-5nn, R21-5no, R21-5np, R21-5nq, R21-5nr, R21-5ns, R21-5nt, R21-5nu, R21-5nv, R21-5nw, R21-5nx, R21-5ny, R21-5nz, R21-5oa, R21-5ob, R21-5oc, R21-5od, R21-5oe, R21-5of, R21-5og, R21-5oh, R21-5oi, R21-5oj, R21-5ok, R21-5ol, R21-5om, R21-5on, R21-5oo, R21-5op, R21-5oq, R21-5or, R21-5os, R21-5ot, R21-5ou, R21-5ov, R21-5ow, R21-5ox, R21-5oy, R21-5oz, R21-5pa, R21-5pb, R21-5pc, R21-5pd, R21-5pe, R21-5pf, R21-5pg, R21-5ph, R21-5pi, R21-5pj, R21-5pk, R21-5pl, R21-5pm, R21-5pn, R21-5po, R21-5pp, R21-5pq, R21-5pr, R21-5ps, R21-5pt, R21-5pu, R21-5pv, R21-5pw, R21-5px, R21-5py, R21-5pz, R21-5qa, R21-5qb, R21-5qc, R21-5qd, R21-5qe, R21-5qf, R21-5qg, R21-5qh, R21-5qi, R21-5qj, R21-5qk, R21-5ql, R21-5qm, R21-5qn, R21-5qo, R21-5qp, R21-5qq, R21-5qr, R21-5qs, R21-5qt, R21-5qu, R21-5qv, R21-5qw, R21-5qx, R21-5qy, R21-5qz, R21-5ra, R21-5rb, R21-5rc, R21-5rd, R21-5re, R21-5rf, R21-5rg, R21-5rh, R21-5ri, R21-5rj, R21-5rk, R21-5rl, R21-5rm, R21-5rn, R21-5ro, R21-5rp, R21-5rq, R21-5rr, R21-5rs, R21-5rt, R21-5ru, R21-5rv, R21-5rw, R21-5rx, R21-5ry, R21-5rz, R21-5sa, R21-5sb, R21-5sc, R21-5sd, R21-5se, R21-5sf, R21-5sg, R21-5sh, R21-5si, R21-5sj, R21-5sk, R21-5sl, R21-5sm, R21-5sn, R21-5so, R21-5sp, R21-5sq, R21-5sr, R21-5ss, R21-5st, R21-5su, R21-5sv, R21-5sw, R21-5sx, R21-5sy, R21-5sz, R21-5ta, R21-5tb, R21-5tc, R21-5td, R21-5te, R21-5tf, R21-5tg, R21-5th, R21-5ti, R21-5tj, R21-5tk, R21-5tl, R21-5tm, R21-5tn, R21-5to, R21-5tp, R21-5tq, R21-5tr, R21-5ts, R21-5tt, R21-5tu, R21-5tv, R21-5tw, R21-5tx, R21-5ty, R21-5tz, R21-5ua, R21-5ub, R21-5uc, R21-5ud, R21-5ue, R21-5uf, R21-5ug, R21-5uh, R21-5ui, R21-5uj, R21-5uk, R21-5ul, R21-5um, R21-5un, R21-5uo, R21-5up, R21-5uq, R21-5ur, R21-5us, R21-5ut, R21-5uu, R21-5uv, R21-5uw, R21-5ux, R21-5uy, R21-5uz, R21-5va, R21-5vb, R21-5vc, R21-5vd, R21-5ve, R21-5vf, R21-5vg, R21-5vh, R21-5vi, R21-5vj, R21-5vk, R21-5vl, R21-5vm, R21-5vn, R21-5vo, R21-5vp, R21-5vq, R21-5vr, R21-5vs, R21-5vt, R21-5vu, R21-5vv, R21-5vw, R21-5vx, R21-5vy, R21-5vz, R21-5wa, R21-5wb, R21-5wc, R21-5wd, R21-5we, R21-5wf, R21-5wg, R21-5wh, R21-5wi, R21-5wj, R21-5wk, R21-5wl, R21-5wm, R21-5wn, R21-5wo, R21-5wp, R21-5wq, R21-5wr, R21-5ws, R21-5wt, R21-5wu, R21-5wv, R21-5wv, R21-5wx, R21-5wy, R21-5wz, R21-5xa, R21-5xb, R21-5xc, R21-5xd, R21-5xe, R21-5xf, R21-5xg, R21-5xh, R21-5xi, R21-5xj, R21-5xk, R21-5xl, R21-5xm, R21-5xn, R21-5xo, R21-5xp, R21-5xq, R21-5xr, R21-5xs, R21-5xt, R21-5xu, R21-5xv, R21-5xw, R21-5xx, R21-5xy, R21-5xz, R21-5ya, R21-5yb, R21-5yc, R21-5yd, R21-5ye, R21-5yf, R21-5yg, R21-5yh, R21-5yi, R21-5yj, R21-5yk, R21-5yl, R21-5ym, R21-5yn, R21-5yo, R21-5yp, R21-5yq, R21-5yr, R21-5ys, R21-5yt, R21-5yu, R21-5yv, R21-5yw, R21-5yx, R21-5yy, R21-5yz, R21-5za, R21-5zb, R21-5zc, R21-5zd, R21-5ze, R21-5zf, R21-5zg, R21-5zh, R21-5zi, R21-5zj, R21-5zk, R21-5zl, R21-5zm, R21-5zn, R21-5zo, R21-5zp, R21-5zq, R21-5zr, R21-5zs, R21-5zt, R21-5zu, R21-5zv, R21-5zw, R21-5zx, R21-5zy, R21-5zz</p> | <p>DATE EFFECTIVE 08-14-2025</p> | <p>STANDARD DRAWING</p> | <p>TC-1</p> |



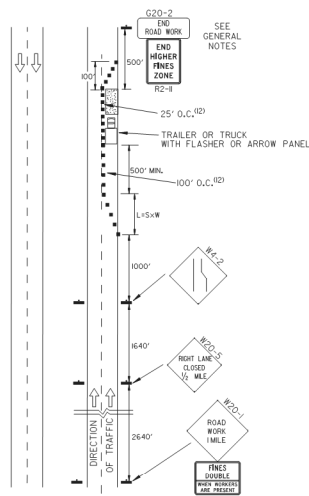
TYPICAL ADVANCE WARNING SIGN PLACEMENT

TAPER FORMULAE:
 L=5XW FOR SPEEDS OF 45MPH OR MORE.
 L= W² / 60 FOR SPEEDS OF 40MPH OR LESS.

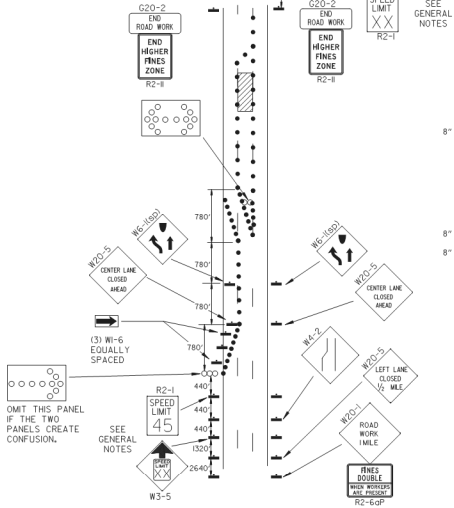
WHERE:
 L= MINIMUM LENGTH OF TAPER.
 S= NUMERICAL VALUE OF POSTED SPEED LIMIT PRIOR TO WORK OR 85TH PERCENTILE SPEED.
 W= WIDTH OF OFFSET.

- GENERAL NOTES:
1. THE MAINTENANCE DIVISION SHALL CONDUCT A BALL BANK STUDY TO DETERMINE THE ADVISORY SPEED LIMIT PRIOR TO OPENING TO TRAFFIC. THE ADVISORY SPEED WILL BE POSTED ON W1-3 OR W1-4 CURVE WARNING SIGNS. USE W1-4 WHEN SPEED IS GREATER THAN 30MPH AND W1-3 WHEN 30MPH OR LESS.
 2. WHEN THE EXISTING SPEED LIMIT IS 55MPH AND THE PLANS REQUIRE A SPEED LIMIT OF 45MPH, THE R2-145 SHALL BE OMITTED AND THE W3-5 SHALL BE INSTALLED AT THAT LOCATION. ADDITIONAL R2-145MPH SPEED LIMIT SIGNS SHALL BE INSTALLED AT A MAXIMUM OF 1/4 MILE INTERVALS.
 3. WHEN THE EXISTING SPEED LIMIT IS 65MPH AND THE PLANS REQUIRE A SPEED LIMIT OF 45MPH, THE R2-145 SHALL BE OMITTED. ADDITIONAL R2-155MPH SPEED LIMIT SIGNS SHALL BE INSTALLED AT A MAXIMUM OF 1/4 MILE INTERVALS. AT THE END OF THE WORK AREA A R2-145 SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT.
 4. THE MAXIMUM SPACING BETWEEN CHANNELIZING DEVICES IN A TAPER SHOULD BE APPROXIMATELY EQUAL IN FEET TO THE SPEED LIMIT. BEYOND THE TAPER, MAXIMUM SPACING SHALL BE TWO TIMES THE SPEED LIMIT, OR AS DIRECTED BY THE ENGINEER.
 5. WARNING LIGHTS AND/OR FLAGS MAY BE MOUNTED TO SIGNS OR CHANNELIZING DEVICES AT NIGHT AS NEEDED.
 6. PAVEMENT MARKINGS NO LONGER APPLICABLE WHICH MIGHT CREATE CONFUSION IN THE MINDS OF VEHICLE OPERATORS SHALL BE REMOVED OR OBLITERATED AS SOON AS PRACTICABLE.
 7. TRAILER MOUNTED DEVICES SUCH AS ARROW PANELS AND PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE DELINEATED BY AFFIXING CONSPICUOUS MATERIAL IN A CONTINUOUS LINE ON THE FACE OF THE TRAILER. WHEN PLACED ON OR ADJACENT TO THE SHOULDER AND NOT BEHIND A POSITIVE BARRIER, THESE DEVICES SHALL BE DELINEATED BY PLACING FIVE (5) TRAFFIC DRUMS, EQUALLY SPACED ALONG THE TRAFFIC SIDE OF THE DEVICE. PAYMENT FOR TRAFFIC DRUMS SHALL BE CONSIDERED INCLUDED IN THE PRICE BID FOR VARIOUS TRAILER MOUNTED DEVICES.
 8. DIMENSIONS SHOWN FOR RAISED PAVEMENT MARKERS ARE TYPICAL. THE CONTRACTOR MAY SUBSTITUTE SIMILAR MARKERS WITH THE APPROVAL OF THE ENGINEER. REQUESTING APPROVAL FOR SIMILAR MARKERS MAY BE MADE BY REFERRING TO THE AASHTO QUALIFIED PRODUCTS LIST.
 9. ALL TRAILER MOUNTED DEVICES SUCH AS ARROW PANELS AND PORTABLE CHANGEABLE MESSAGE SIGNS SHALL MEET THE REQUIREMENTS OF THE MANUAL FOR ASSESSING SAFETY HARDWARE (MASH).

| | |
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| ARKANSAS STATE HIGHWAY COMMISSION | |
| STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION | |
| 08-17-25 ADDED R2-60P AND R2-11 05-20-21 REVISED NOTE 7 11-07-19 ADDED NOTE 9 09-02-15 REVISED NOTE 2, ADDED DATE & REPLACED R2-145 WITH W3-5 09-12-13 REVISED DETAIL OF MARKING ELEMENT | DATE REV DESCRIPTION DATE EFFECTIVE 08-14-2025 |
| STANDARD DRAWING TC-2 | |



(A) TYPICAL APPLICATION - DAYTIME MAINTENANCE OPERATIONS OF SHORT DURATION ON A 4-LANE DIVIDED ROADWAY WHERE HALF OF THE ROADWAY IS CLOSED.



(B) TYPICAL APPLICATION - 3-LANE ONEWAY ROADWAY WHERE CENTER LANE IS CLOSED.

KEY:

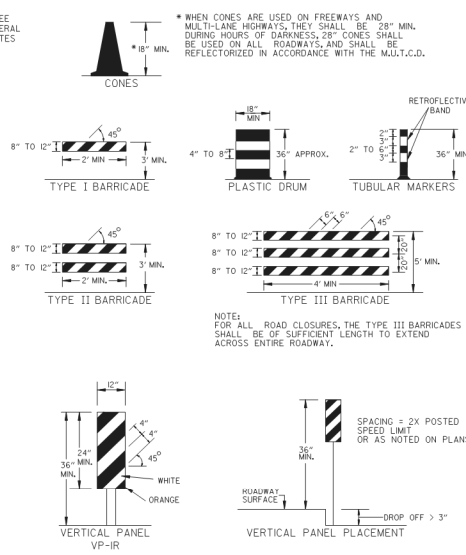
- ▀ CHANNELIZING DEVICE
- TRAFFIC DRUM

GENERAL NOTES:

- A SPEED LIMIT REDUCTION MAY BE IMPLEMENTED ONLY WHEN DESIGNATED IN THE PLAN OR WHEN RECOMMENDED BY THE ROADWAY DESIGN DIVISION.
- WHEN THE EXISTING SPEED LIMIT IS 55MPH AND THE PLANS REQUIRE A SPEED LIMIT OF 45MPH, THE R2-(H55) SHALL BE OMITTED AND THE W3-5 SHALL BE INSTALLED AT THAT LOCATION. ADDITIONAL R2-145MPH SPEED LIMIT SIGNS SHALL BE INSTALLED AT A MAXIMUM OF 1/4 MILE INTERVALS. AT THE END OF THE WORK AREA A R2-(HXX) SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT.
- WHEN THE EXISTING SPEED LIMIT IS 65MPH AND THE PLANS REQUIRE A SPEED LIMIT OF 55MPH, THE R2-(H65) SHALL BE OMITTED. ADDITIONAL R2-155MPH SPEED LIMIT SIGNS SHALL BE INSTALLED AT A MAXIMUM OF 1/4 MILE INTERVALS. AT THE END OF THE WORK AREA A R2-(HXX) SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT.
- THE MAXIMUM SPACING BETWEEN CHANNELIZING DEVICES IN A TAPER SHOULD BE APPROXIMATELY EQUAL IN FEET TO THE SPEED LIMIT. BEYOND THE TAPER, MAXIMUM SPACING SHALL BE TWO TIMES THE SPEED LIMIT OR AS DIRECTED BY THE ENGINEER.
- WARNING LIGHTS AND/OR FLAGS MAY BE MOUNTED TO SIGNS OR CHANNELIZING DEVICES AT NIGHT AS NEEDED.
- PAVEMENT MARKINGS NO LONGER APPLICABLE WHICH MIGHT CREATE CONFUSION IN THE MINDS OF VEHICLE OPERATORS SHALL BE REMOVED OR OBLITERATED AS SOON AS PRACTICABLE.
- THE G20-1 SIGN SHOULD BE INSTALLED ON JOBS OF OVER TWO MILES IN LENGTH, WHEN THE LANE CLOSURE IS NOT AT THE BEGINNING OF THE PROJECT. THE G20-1 SIGN SHALL BE ERRECTED 125' IN ADVANCE OF THE JOB LIMIT. ADDITIONAL W20-1(MILE) SIGNS ARE NOT REQUIRED IN ADVANCE OF LANE CLOSURES THAT BEGIN INSIDE THE PROJECT LIMITS. THE DISTANCE DISPLAYED ON THE G20-1 SIGN SHALL BE STATED TO THE NEAREST WHOLE MILE.
- FLAGGERS SHALL USE STOP/SLOW PADDLES FOR CONTROLLING TRAFFIC THROUGH WORK ZONES. FLAGS MAY BE USED ONLY FOR EMERGENCY SITUATIONS.
- ALL PLASTIC DRUMS AND CONES SHALL MEET THE REQUIREMENTS OF MANUAL FOR ASSESSING SAFETY HARDWARE (MASH).
- TRAILER MOUNTED DEVICES SUCH AS ARROW PANELS AND PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE DELINEATED BY AFFIXING CONSPICUITY MATERIAL IN A CONTINUOUS LINE ON THE FACE OF THE TRAILER. WHEN PLACED ON OR ADJACENT TO THE SHOULDER AND NOT BEHIND A PORTABLE BARRIER, THESE DEVICES SHALL BE DELINEATED BY PLACING FIVE (5) TRAFFIC DRUMS, EQUALLY SPACED ALONG THE TRAFFIC SIDE OF THE DEVICE. PAYMENT FOR TRAFFIC DRUMS SHALL BE CONSIDERED INCLUDED IN THE PRICE BID FOR VARIOUS TRAILER MOUNTED DEVICES.
- ALL TRAILER MOUNTED DEVICES SUCH AS ARROW PANELS AND PORTABLE CHANGEABLE MESSAGE SIGNS SHALL MEET THE REQUIREMENTS OF THE MANUAL FOR ASSESSING SAFETY HARDWARE (MASH).
- ONLY WHERE SPACE RESTRICTIONS DO NOT ALLOW FOR TRAFFIC DRUMS, TUBULAR MARKERS MAY BE USED AT 50' O.C. IN STABILIZATION ZONES AND AT 10' O.C. DIRECTLY ADJACENT TO CONSTRUCTION OPERATIONS AND AT EXIT TAPERS. TUBULAR MARKERS SHALL BE STABILIZED WITH WEIGHTED BASES IN ACCORDANCE WITH THE M.U.T.C.D.

(C) TYPICAL APPLICATION - CONSTRUCTION OPERATIONS OF INTERMEDIATE TO LONG TERM DURATION ON A 4-LANE DIVIDED ROADWAY WHERE HALF OF THE ROADWAY IS CLOSED.

CHANNELIZING DEVICES



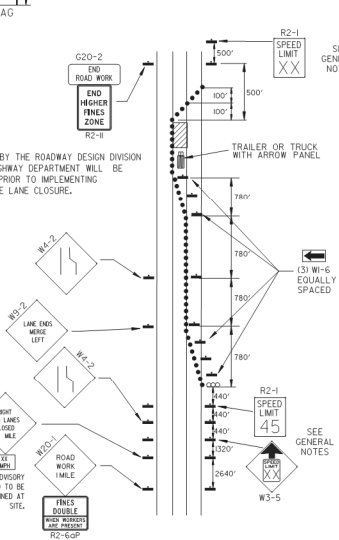
* WHEN CONES ARE USED ON FREEWAYS AND MULTI-LANE HIGHWAYS, THEY SHALL BE 28" MIN. DURING HOURS OF DARKNESS. 28" CONES SHALL BE USED ON ALL ROADWAYS, AND SHALL BE REFLECTORIZED IN ACCORDANCE WITH THE M.U.T.C.D.

NOTES: FOR ALL ROAD CLOSURES, THE TYPE III BARRICADES SHALL BE OF SUFFICIENT LENGTH TO EXTEND ACROSS ENTIRE ROADWAY.

SPACING = 2X POSTED SPEED LIMIT OR AS NOTED ON PLANS

FLAG SHALL BE OF GOOD GRADE RED MATERIAL

A REVIEW BY THE ROADWAY DESIGN DIVISION OF THE HIGHWAY DEPARTMENT WILL BE REQUIRED PRIOR TO IMPLEMENTING A MULTIPLE LANE CLOSURE.



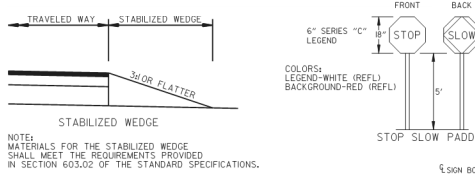
(D) TYPICAL APPLICATION - CLOSING MULTIPLE LANES OF A MULTILANE HIGHWAY.

TRAFFIC CONTROL DEVICES

| VERTICAL DIFFERENTIAL | LOCATION | TRAFFIC CONTROL | |
|-----------------------|---|--|--|
| | | ≤ 45 MPH | > 45 MPH |
| ≤ 1" | CENTERLINE | W8-11 | W8-11 |
| > 1" | CENTERLINE | W8-11 AND CENTERLINE LANE STRIPING | W8-11 AND CENTERLINE LANE STRIPING |
| ≤ 3" | CENTERLINE | W8-9 AND TRAFFIC DRUMS ⁽¹⁾ | W8-9 AND TRAFFIC DRUMS ⁽¹⁾ |
| > 3" | CENTERLINE | STANDARD LANE CLOSURE ⁽²⁾ | STANDARD LANE CLOSURE ⁽²⁾ |
| ≤ 3" | EDGE OF TRAVELED LANE OR EDGE OF SHOULDER | W8-9 AND TRAFFIC DRUMS ⁽¹⁾ | W8-9 AND TRAFFIC DRUMS ⁽¹⁾ |
| > 3" | EDGE OF TRAVELED LANE OR EDGE OF SHOULDER | W8-17 EDGE LINE STRIPING, AND TRAFFIC DRUMS ⁽¹⁾ | W8-17 EDGE LINE STRIPING, AND TRAFFIC DRUMS ⁽¹⁾ |
| > 6" | EDGE OF TRAVELED LANE OR EDGE OF SHOULDER | W8-17 EDGE LINE STRIPING, AND TRAFFIC DRUMS ⁽¹⁾ | W8-17 EDGE LINE STRIPING, AND TRAFFIC DRUMS ⁽¹⁾ |
| ≤ 18" | EDGE OF TRAVELED LANE OR EDGE OF SHOULDER | W8-17 EDGE LINE STRIPING, AND TRAFFIC DRUMS ⁽¹⁾ | A STABILIZED WEDGE, W8-17 EDGE LINE STRIPING, AND TRAFFIC DRUMS ⁽¹⁾ |
| > 18" | EDGE OF TRAVELED LANE OR EDGE OF SHOULDER | W8-17 EDGE LINE STRIPING, AND TRAFFIC DRUMS ⁽¹⁾ | A STABILIZED WEDGE, W8-17 EDGE LINE STRIPING, AND TRAFFIC DRUMS ⁽¹⁾ |
| > 24" | EDGE OF TRAVELED LANE OR EDGE OF SHOULDER | PRECAST CONCRETE BARRIER ⁽³⁾ & EDGE LINES | PRECAST CONCRETE BARRIER ⁽³⁾ & EDGE LINES |

| VERTICAL DIFFERENTIAL | LOCATION | TRAFFIC CONTROL | |
|-----------------------|---|--|--|
| | | ≤ 45 MPH | > 45 MPH |
| ≤ 3" | CENTERLINE | W8-11 AND LANE STRIPING | W8-11 AND LANE STRIPING |
| ≤ 3" | EDGE OF TRAVELED LANE OR EDGE OF SHOULDER | W8-9, EDGE LINE STRIPING, AND TRAFFIC DRUMS ⁽¹⁾ | W8-9, EDGE LINE STRIPING, AND TRAFFIC DRUMS ⁽¹⁾ |
| > 3" | EDGE OF TRAVELED LANE OR EDGE OF SHOULDER | W8-17 EDGE LINE STRIPING, AND TRAFFIC DRUMS ⁽¹⁾ | W8-17 EDGE LINE STRIPING, AND TRAFFIC DRUMS ⁽¹⁾ |
| ≤ 6" | EDGE OF TRAVELED LANE OR EDGE OF SHOULDER | W8-17 EDGE LINE STRIPING, AND TRAFFIC DRUMS ⁽¹⁾ | A STABILIZED WEDGE, W8-17 EDGE LINE STRIPING, AND TRAFFIC DRUMS ⁽¹⁾ |
| > 6" | EDGE OF TRAVELED LANE OR EDGE OF SHOULDER | PRECAST CONCRETE BARRIER & EDGE LINES | PRECAST CONCRETE BARRIER & EDGE LINES |

| INTERSTATE AND NON-INTERSTATE | | TRAFFIC CONTROL |
|-------------------------------|--------|--------------------------|
| FORESLOPE | HEIGHT | TRAFFIC CONTROL |
| 1:1 | > 2 FT | PRECAST CONCRETE BARRIER |
| 2:1 | ≤ 5 FT | TRAFFIC DRUMS |
| 2:1 | > 5 FT | PRECAST CONCRETE BARRIER |
| Flatter than 2:1 | N/A | TRAFFIC DRUMS |

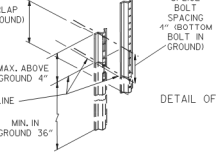


NOTE: MATERIALS FOR THE STABILIZED WEDGE SHALL MEET THE REQUIREMENTS PROVIDED IN SECTION 603.02 OF THE STANDARD SPECIFICATIONS.

NOTES: USE SPLICES ONLY WHEN NECESSARY FOR INSTALLATION. TYPICAL INSTALLATION SHOULD HAVE NO SPLICES (SEE STD. DRAWING NO. SHS-2)

NORMAL INSTALLATIONS WILL REQUIRE 1/4" DIA. BOLTS TO MOUNT SIGNS TO POST AND 5/16" DIA. BOLTS TO ASSEMBLE THE VARIOUS POST SUPPORTS. EACH OF THESE BOLTS SHALL BE CARRIAGE BOLTS.

SIGN POSTS SHALL BE PAINTED GREEN; SIGNS SHALL NOT BE PAINTED, AND ALL SIGN POSTS SHALL BE PLUMB.



AR DOT ARKANSAS STATE HIGHWAY COMMISSION

STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION

| | | | | |
|----------|-------------------------------|----------------|------------------|------|
| DATE REV | DESCRIPTION | DATE EFFECTIVE | STANDARD DRAWING | TC-3 |
| 08-11-25 | REVISED TRAFFIC CONTROL NOTES | 08-11-2025 | | |
| 05-22-25 | REVISED TRAFFIC CONTROL NOTES | | | |
| 08-12-21 | REVISED TRAFFIC CONTROL NOTES | | | |
| 05-20-21 | REVISED TRAFFIC CONTROL NOTES | | | |
| 02-27-20 | REVISED TRAFFIC CONTROL NOTES | | | |

**ARKANSAS
STATE HIGHWAY COMMISSION**



**STANDARD SPECIFICATIONS
FOR
HIGHWAY CONSTRUCTION**

EDITION OF 2014

***PROPOSAL DOCUMENTS
AND
SCHEDULE OF ITEMS***

ARKANSAS STATE HIGHWAY COMMISSION

PROPOSAL DOCUMENTS

PROPOSAL FOR CONSTRUCTING:

THE PURPOSE OF THIS PROJECT IS TO RESEAL APPROXIMATELY 1.80 MILES OF CROSSROADS RD. IN PRAIRIE COUNTY. THIS PROJECT CONSISTS OF ACHM SURFACE COURSE, SINGLE ASPHALT SURFACE TREATMENT, PAVEMENT MARKINGS, MAINTENANCE OF TRAFFIC AND MISC. ITEMS.

County Road No. CROSSROADS RD. in **PRAIRIE** 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 **SA5955** **STATE AID COUNTY JOB (CODE 9970)**

Job Name: **HWY. 86 – WEST (RESEAL) (S)**

said project being approximately **1.80 miles in length.**

Proposal received until 1:30 p.m. on June 24, 2026

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:

1. Standard Specifications for Highway Construction, Edition of 2014.
2. Supplemental Specifications.
3. Special Provisions.
4. Proposal Documents.
5. Schedule of Items.
6. Construction Plans.

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 **on or before October 16, 2026.**

PROPOSAL DOCUMENTS

(Continued)

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

State Job No.: SA5955
 Job Name: HWY. 86 – WEST (RESEAL) (S)
 Federal Aid Project: 9970SA5955

Date Estimated: 4/21/2026
 Date Revised:

| Line Number | Item Code and Description | Estimated Quantity | Unit Bid Price | Price Extension |
|------------------------------------|--|--------------------|----------------|-----------------|
| Section 01 - PROPOSAL ITEMS | | | | |
| 0001 | SS&401 - TACK COAT | 345.000 GAL | | |
| 0002 | SS&402 - MINERAL AGGREGATE IN ASPHALT SURFACE TREATMENT (CLASS 2) | 392.000 TON | | |
| 0003 | SS&402 - POLYMER MODIFIED CATIONIC EMULSIFIED ASPHALT (CRS-2P) (SOLID POLYMER) | 8,958.000 GAL | | |
| 0004 | SPSS407 - MINERAL AGGREGATE IN ACHM SURFACE COURSE (3/8") | 216.000 TON | | |
| 0005 | SPSS407 - ASPHALT BINDER (PG 64-22) IN ACHM SURFACE COURSE (3/8") (MINIMUM BID \$120.00) | 14.000 TON | | |
| 0006 | SS&603 - MAINTENANCE OF TRAFFIC | 1.000 L.S. | | |
| 0007 | SS&604 - SIGNS | 172.000 SQFT | | |
| 0008 | 718 - REFLECTORIZED PAINT PAVEMENT MARKING YELLOW (4") | 19,008.000 LF | | |
| Section 01 Total: | | | | _____ |
| Subtotal: | | | | _____ |
| 0009 | 601 - MOBILIZATION (UNIT BID AMOUNT MAY NOT EXCEED 5% OF SUBTOTAL) | 1.000 L.S. | | |
| 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.**

A F F I D A V I T

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.

**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.**

EXCEPTIONS:

| APPLIED TO | INITIATING AGENCY | DATES OF ACTION |
|------------|-------------------|-----------------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

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)



SUPPLEMENT TO THE PROPOSAL CERTIFICATION FOR BOYCOTT AND ILLEGAL IMMIGRANT RESTRICTIONS

Pursuant to Arkansas law, a vendor must submit the below certifications prior to entering into a contract with a public entity for an amount as designated by the applicable laws.

1. **Israel Boycott Restriction:** For contracts valued at \$1,000 or greater.
A public entity shall not enter into a contract with a company unless the contract includes a written certification that the person or company is not currently engaged in a boycott of Israel. If at any time after signing this certification the contractor decides to engage in a boycott of Israel, the contractor must notify the contracting public entity in writing. See Arkansas Code Annotated § 25-1-503.
2. **Illegal Immigrant Restriction:** For contracts exceeding \$25,000.
No state agency may enter into or renew a public contract for services with a contractor who employs or contracts with an illegal immigrant. A contractor shall certify that it does not employ, or contract with, illegal immigrants. See Arkansas Code Annotated § 19-11-105.
3. **Energy, Fossil Fuel, Firearms, and Ammunition Industries Boycott Restriction:** For contracts valued at, or exceeding, \$75,000.
A public entity shall not enter into a contract 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 an Energy, Fossil Fuel, Firearms, or Ammunition Industry. If a company does boycott any of these industries, see Arkansas Code Annotated § 25-1-1102.
4. **Scrutinized Company Restriction:** Required with bid or proposal submission.
A state agency shall not contract with a Scrutinized Company or a company that employs a Scrutinized Company as a subcontractor. A Scrutinized Company is a company owned in whole or with a majority ownership by the government of the People's Republic of China. A state agency shall require a company that submits a bid or proposal for a contract to certify that it is not a Scrutinized Company and does not employ a Scrutinized Company as a subcontractor. See Arkansas Code Annotated § 25-1-1203.

The bidder hereby agrees and certifies that it does not, and shall not for the remaining aggregate term of the contract, participate in the activities checked below:

- Do not boycott Israel.
- Do not employ illegal immigrants.
- Do not boycott Energy, Fossil Fuel, Firearms, or Ammunition Industries.
- Do not employ a Scrutinized Company as a subcontractor.

| | |
|----------------|--|
| Job No. | |
| F.A.P. No. | |
| Name of Bidder | |

Bidder Signature

Date