

**ARKANSAS
STATE HIGHWAY
COMMISSION
PROPOSAL DOCUMENTS**

FOR THE CONSTRUCTION OF

STATE JOB NO. SA1670

STATE AID COUNTY JOB (CODE 9970)

HWY. 135 – WEST (OVERLAY) (S)

COUNTY ROAD NO. CR 928

IN CRAIGHEAD 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 SA1670

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

ERRATA	ERRATA FOR THE BOOK OF STANDARD SPECIFICATIONS
JOB SP	DOCUMENTATION OF PAYMENTS MADE TO SUBCONTRACTORS
JOB SP	DOCUMENTATION OF PAYMENTS MADE – PROMPT PAYMENT (SIGNET SOFT LAUNCH)
JOB SP	BIDDING REQUIREMENTS AND CONDITIONS
JOB SP	MANDATORY ELECTRONIC CONTRACT
JOB SP	MANDATORY ELECTRONIC DOCUMENT SUBMITTAL
JOB SP	LIQUIDATED DAMAGES PROCEDURE FOR BID LETTINGS
JOB SP	ULTRATHIN BONDED WEARING COURSE
JOB SP	PRICE ADJUSTMENT FOR FUEL
SP 108-1	LIQUIDATED DAMAGES
SS 100-3	CONTRACTOR'S LICENSE
SS 100-4	DEPARTMENT NAME CHANGE
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 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 AWP, Standards U1, Commodity Specification E, Use Category UC4C.

ARKANSAS DEPARTMENT OF TRANSPORTATION**SPECIAL PROVISION****JOB NO. SA1670****DOCUMENTATION OF PAYMENTS MADE TO SUBCONTRACTORS**

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. Payments to all subcontractors must be certified using the attached form. Facsimile or scanned copies of the completed original payment log forms are acceptable to fulfill this requirement.

All certifications of payments must be received by the Resident Engineer within thirty-five (35) calendar days following the end of each estimate period. Failure to submit the certification will result in the withholding of future progress estimates.

Arkansas Department of Transportation

Subcontractor Payment Log

Job Number _____ Prime Contractor _____

Estimate No. _____ Subcontractor _____

Estimate Ending Date _____ Date Payment Made to Subcontractor _____

Item Code*	Item Description	Subcontract Unit Price	2 nd Tier Unit Price	Quantity	Value Earned By Subcontractor

* Item Codes for pay items are shown on the estimate voucher

Total This Estimate

Retainage Withheld This Estimate

Net Total This Estimate

_____% Retainage Previous Total

Total To Date

Subcontractor Payment Log must be received within 35 calendar days of the ending date of the estimate.

The Prime Contractor certifies that the payment listed has been made to the Subcontractor and that the documentation of this payment is available for inspection upon request.

Authorized Signature _____ Title _____

Typed or Printed Name _____ Date _____

Department

Use Only

Received

Verified

By _____

By _____

Date _____

Date _____ RE Initials _____

ARKANSAS DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION
JOB NO. SA1670
DOCUMENTATION OF PAYMENTS MADE –
PROMPT PAYMENT (SIGNET SOFT LAUNCH)

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.

ARDOT is soft-launching the Signet™ application for use on this contract and 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. Since this contract is part of the Soft Launch phase, the Contractor will not be charged for the use of Signet™. 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. SA1670
DOCUMENTATION OF PAYMENTS MADE –
PROMPT PAYMENT (SIGNET SOFT LAUNCH)

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. During Soft Launch, there will be no cost for registration for the Signet™ application. 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. SA1670

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. SA1670

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. SA1670

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. SA1670

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. SA1670

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. SA1670

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. SA1670

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. SA1670****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. SA1670

ULTRATHIN BONDED WEARING COURSE

DIVISION 400, ASPHALT PAVEMENTS, of the Standard Specifications for Highway Construction, Edition of 2014, is hereby amended to include the following:

DESCRIPTION:

This specification covers the requirements for placement of an Ultrathin Bonded Wearing Course (UTBWC). Placement consists of applying a warm Polymer Modified Emulsion Membrane followed immediately with an ultrathin overlay of asphalt concrete. The Polymer Modified Emulsion Membrane shall be spray applied immediately prior to the application of the asphalt concrete overlay as to produce a homogeneous wearing surface that can be opened to traffic immediately upon sufficient cooling. The finished wearing course shall have a minimum compacted thickness of 1/2" for Type A, 5/8" for Type B, and 3/4" for Type C.

MATERIALS:

All mix designs shall be performed by an AASHTO Accredited laboratory or in a mix design laboratory that is on the Department's QPL of approved asphalt mix design laboratories.

Acceptance and quality control sampling and testing by the Contractor shall be performed in a qualified laboratory by a certified technician. Requirements for technician certification and laboratory qualification are contained in the Department's *Manual of Field Sampling and Testing Procedures*.

A. AGGREGATES AND MINERAL FILLER

Coarse and fine aggregates shall meet the requirements of AASHTO M 346, "Materials for Ultrathin Bonded Wearing Course." Mineral filler shall meet the requirements of AASHTO M 346. The test requirement for Aggregate Wear Index for coarse aggregate in AASHTO M346 is deleted. Coarse aggregates must satisfy the requirements for the wearing surface aggregates in Table 409-1 of the Standard Specifications. No RAP will be allowed in UTBWC.

B. ASPHALT BINDER

The asphalt binder shall meet the requirements of AASHTO M 320, "Specifications for Performance Graded Asphalt Binders" for grade 76-22.

C. POLYMER MODIFIED EMULSION MEMBRANE

Emulsion shall be polymer modified and shall meet the requirements of AASHTO M 346, "Materials for Ultrathin Bonded Wearing Course."

D. MIX DESIGN

The mix design shall be submitted to the Engineer of Materials using the ARDOT Asphalt Mix Design Submittal form that meets the requirements outlined in AASHTO R 108, "Ultrathin Bonded Wearing Course Design" for review. After the completion of the review, the Engineer of Materials will accept or reject, in writing, the mix design. A mix design will be accepted only for a specific type of mix, materials sources, and the plant to be used. A change in any materials source will require a different mix design.

ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA1670

ULTRATHIN BONDED WEARING COURSE

The UTBWC Type is determined by AASHTO R108, Table 1, Mixture Designation - Control Points:

No. 4	(4.75 mm) – Type A
3/8 in.	(9.5 mm) – Type B
1/2 in.	(12.5 mm) – Type C

In addition to the criteria listed in AASHTO R 108, the following requirements also apply to the submitted mix design:

- Asphalt film thickness shall be 9-11 microns when calculated using the effective asphalt content in conjunction with the surface area for the aggregates.
 - ARDOT 482-23, Test Methods for Aggregate Surface Area for Asphalt Film Thickness
- The target application range for the polymer modified asphalt emulsion membrane shall be in as outlined in AASHTO R108, Table 2, and submitted on the mix design.
- The mixing and compaction temperatures shall be those recommended by the PG binder supplier, or as modified using warm mix and must be furnished with the mix design. Mixing temperatures shall not exceed 350 °F.
- ARDOT Test Method 455A, "Water Sensitivity for Compacted Bituminous Mixtures" shall be submitted in lieu of the required Tensile Strength Ratio (TSR) test in AASHTO R 108.
 - The minimum Water Sensitivity Ratio shall be 80.

CONSTRUCTION:

A. TEMPERATURE AND SEASONAL LIMITATIONS

The mixture shall be applied when the surface or ambient temperature is 60 °F and rising. Do not apply during foggy or rainy weather. The mixture shall not be placed on a surface that shows evidence of free moisture.

In addition, the mixture shall not be applied outside the following seasonal limitation:

Travel Lanes	April 15 to September 30
Shoulders	April 1 to October 31

No deviation from the above limitations will be allowed except by written permission from the Engineer.

B. EQUIPMENT

The plant used in the production of the mixture shall meet the requirements of Section 409 with the following exceptions:

Subsection 409.04(a), Mechanical Spreading and Finishing Equipment, is hereby deleted and the following substituted therefor:

ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA1670

ULTRATHIN BONDED WEARING COURSE

The paver shall be self-priming, designed, and built for applying UTBWC, and be approved by the Engineer. The paver shall have the following items:

- a receiving hopper,
- a feed conveyor,
- an asphalt emulsion storage tank,
- a spray bar,
- a heated, variable width, combination vibratory-tamping bar screed,
- and a system for measuring the volume of Polymer Modified Asphalt Emulsion Membrane applied.

The paver shall also be capable of performing the following:

- spraying the Polymer Modified Asphalt Emulsion Membrane consistently across the mat,
- applying the hot mix asphalt overlay and leveling the surface of the mat in one pass,
- placing the hot mix asphalt within 5 seconds after the application of the Polymer Modified Asphalt Emulsion Membrane,
- and paving at a controlled speed from 30 – 90 ft/min.

Final approval of spreading and finishing equipment will be based upon satisfactory performance during actual construction. If equipment becomes unsatisfactory, it shall be replaced before proceeding with the work.

Subsection 409.04(c), Rollers, is hereby deleted and the following substituted therefor:

A steel, double drum roller having a minimum weight of 10 tons with a surface that is smooth and free from check cracking shall be used. The roller shall have a system for moistening the full width of each drum and devices for cleaning the drums. Petroleum products shall not be used on the surfaces of the roller that will be in contact with the pavement. A release agent added to the water system may be required to prevent adhesion of the fresh mix to the roller drums.

C. SURFACE PREPARATION

Surface preparation shall be in accordance with Subsection 402.03(b). Remove thermoplastic or other markings greater than 0.2" thick on existing pavement. Protect and cover manhole covers, drains, grates catch basins and other such utility structures with plastic or building felt before paving. If the special provision for "Hot Applied Joint and Crack Sealant" is included in the Contract, clean and completely fill pavement cracks and joints greater than 1/4" wide with the approved sealant. All joint sealant material must cure for 30 calendar days before being overlaid with the Ultrathin Bonded Wearing Course.

ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA1670

ULTRATHIN BONDED WEARING COURSE

D. APPLICATION

The Polymer Modified Emulsion Membrane shall be sprayed by a metered mechanical pressure spray bar at a temperature of 120 – 180 °F, and at a rate within the mix design range or as otherwise directed by the Engineer. AASHTO R 108, Table 2, should be used as a guide in determining the general application rate used on the mix design. The Engineer may adjust the spray rate based upon the existing pavement surface conditions or the recommendations of the Polymer Modified Emulsion Membrane supplier. The sprayer shall accurately and continuously monitor the rate of spray and provide a uniform application across the entire width to be overlaid.

At any point the spray nozzles become clogged, production shall cease until corrected.

No wheel or other part of the paving machine shall come in contact with the Polymer Modified Emulsion Membrane before the hot mix asphalt concrete wearing course is applied. The screed shall have the ability to crown the pavement at the center and have vertically adjusted extensions to accommodate the desired pavement profile. Use of the vibratory mechanism on the tamping bar screed may be waived by the Engineer if it is found that the vibration is producing unacceptable mat finish or other unacceptable results.

The UTBWC asphalt concrete shall be prepared in accordance with Subsection 410.03.

UTBWC asphalt concrete shall be placed as follows:

- at the recommended temperature range, but in no case shall be placed at a temperature less than 220 °F,
- immediately after the application of the Polymer Modified Emulsion Membrane, and
- over the full width of the Polymer Modified Emulsion Membrane with a heated vibratory-tamping bar screed.

The mixture shall be transported in accordance with Subsection 410.06.

Paving operations should be as continuous as possible with the intent of reducing the possibility of imperfections including screed indentations in the finished mat. A Materials Transfer Device or Materials Transfer Vehicle (MTD/MTV) meeting the requirements of Subsection 409.04(b) shall be used.

The Contractor shall place the UTBWC at the minimum placement rate stated in the mix design. The following rates are used for plan development, based on an assumed G_{mm} of 2.500:

Type A	53 lbs/SY
Type B	66 lbs/SY
Type C	79 lbs/SY

Areas containing rutting, or other surface irregularities, may require an increase in mat thickness in which to achieve the minimum compaction thickness across the entire mat width.

Minimum placement rates are based on the mixture specific gravity at 10% air voids. The minimum placement rates are calculated in the ARDOT Asphalt Mix Design Submittal form. The

ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA1670

ULTRATHIN BONDED WEARING COURSE

field application rate shall be as necessary to minimize fracturing of the top size aggregate by the screed. The finished wearing course shall have a minimum compacted thickness of 1/2" for Type A, 5/8" for Type B, and 3/4" for Type C. During inspection, if the placement rate does not meet the minimum lift thickness consistently, production shall cease, and a meeting scheduled to discuss the corrective actions.

E. ROLLING REQUIREMENTS AND JOINTS

Rolling shall immediately follow the placement of the UTBWC with a minimum of two passes in static mode. Rolling operations shall be completed before the material temperature has fallen below 195 °F. At no time shall the roller be allowed to remain stationary on the freshly placed asphalt concrete. Excessive rolling of the driving lanes, to the extent of aggregate degradation, shall not be allowed. The Engineer shall determine the acceptable extent of fracturing at the edge of the pavement from the rolling operation.

The new pavement shall not be opened to traffic until the rolling operation is complete and the material has cooled below 160 °F. Opening the roadway to traffic does not constitute acceptance of the work. Any damage, delamination, or failure of the bond between the existing pavement and the UTBWC will be the responsibility of the Contractor and the damaged, delaminated, or failure area shall be repaired to the satisfaction of the Engineer at no cost to the Department.

Transverse joints shall be formed by cutting back on the previous run to expose the full depth of the course and minimize joint roughness. All permanent transitions between the existing pavement and the new course should be constructed by milling the existing pavement to create a smooth joint.

All transverse joints shall be straight edged immediately following rolling of the joint. Paving will not continue until the transverse joint meets the applicable surface tolerances shown in Subsection 410.09(b)(2).

QUALITY CONTROL AND ACCEPTANCE:

A. ACCEPTANCE

Acceptance and adjustment in payment will be by lot. The standard lot size for acceptance and adjustment in payment will be 2000 tons, with each standard lot divided into four sublots of 500 tons each. The Engineer may establish a partial lot at any time. The Engineer will determine the size of any partial lots established and the number and size of the sublots, if any. Although there are no specified limits for the size of such partial lots, they normally will be not less than 200 tons nor more than 2200 tons.

The Contractor shall obtain, and test one sample taken at random from each subplot. The Department will determine the location for each sample in the subplot by ARDOT Test Method 465. The Department's inspector shall be provided an opportunity to witness all Contractor sampling and testing. The test reports of all Contractor acceptance tests shall be provided to the Engineer by the end of the first working day following production of the material.

The Department will obtain and test a minimum of one sample taken at random from each lot, including partial lots, to be used both for verification and for acceptance. Verification testing will

ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA1670

ULTRATHIN BONDED WEARING COURSE

be conducted in accordance with Subsection 106.11 and the Department's *Manual of Field Sampling and Testing Procedures*. The location of the lot sample will be determined by the Department using ARDOT Test Method 465.

Sampling and testing of UTBWC shall be in accordance with Table 1.

Table 1 – Required Contractor and ARDOT Acceptance and Quality Control Testing

Property	Test Method	Acceptance Type	Responsible Party	Testing Frequency
Asphalt Binder	Asphalt Binder Content, ARDOT 449/449A or AASHTO T308	Verification and Acceptance	ARDOT	1 for each 2000 tons
		Acceptance	Contractor	1 for each 500 tons
Mineral Aggregate	Aggregate Gradation, AASHTO T30, ARDOT 460, or AASHTO T308	Quality Control	Contractor	1 for each 500 tons and a minimum of one per day

B. QUALITY CONTROL

The Contractor shall perform all applicable quality control sampling and testing of the UTBWC mixture used on the project to ensure that the completed UTBWC pavement complies with all requirements of the specifications.

Quality control testing shall be performed in accordance with Table 1 to ensure compliance of the gradation tolerances. If two consecutive quality control test results vary from the Job Mix Formula (JMF) by more than the tolerances in Table 2, production shall stop, and a new mix design submitted. Likewise, if irregularities are present in the placed mat, production shall be halted by the Engineer. In either case, the Contractor shall identify the cause of the issue(s) and document, in detail, what corrective action(s) was taken.

ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA1670

ULTRATHIN BONDED WEARING COURSE

Table 2 – Mix Design Tolerances (%)

Sieves	No. 4 – Type A	3/8" - Type B	1/2" – Type C
3/4"			
1/2"			±5
3/8"		±5	±5
No. 4	±5	±4	±4
No. 8	±4	±4	±4
No. 16	±4	±4	±4
No. 30	±3	±3	±3
No. 50	±3	±3	±3
No. 100	±2	±2	±2
No. 200	±1.0*	±1.0*	±1.0*
Asphalt Content, % (PG 76-22)	±0.3	±0.3	±0.3

* The maximum allowable minus No. 200 material shall not exceed 6.0%.

C. ACCEPTANCE

Acceptance with the respect to the properties listed in Table 3 will be by lot. Acceptance of a standard lot will be based on the average of the five (5) tests performed on the lot. Acceptance of a partial lot will be based on the average of the actual number of tests made on that partial lot. Acceptance of a subplot will be based on the results of the test(s) performed on samples from that subplot.

When the average of the test results for a lot fall within the range shown in Table 3 as "Compliance Limits", the lot will be accepted with no price reduction for those properties. If the average of the test results for a lot for asphalt binder content falls within the limits shown as "Price Reduction Limits," the material may be left in place at a reduced price as specified within this subsection. If the average of the test results for a lot for asphalt binder content listed in Table 3 falls outside the limits shown as "Lot Rejection Limits," the entire lot shall be removed and replaced at no cost to the Department. Sampling and testing of the replacement material will be according to the same sampling and testing requirements specified above.

If the result of a single test for asphalt binder test in a subplot falls outside the limits shown as "Subplot Rejection Limits", that subplot shall be removed and replaced at no cost to the Department. In the subplot containing the Department's lot test, if the result of either the Contractor's subplot test or the Department's lot test fall outside the subplot rejection limits, the two tests will be averaged and the average of the two test results used to determine acceptance or rejection. The average of the two test results will also be used as a single value to compute the average for the lot for acceptance and adjustment.

ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA1670

ULTRATHIN BONDED WEARING COURSE

**Table 3 –Types A, B, and C
Compliance, Price Reduction, and Rejection Limits for UTBWC**

Property	Compliance Limits	Price Reduction Limits	Lot Rejection Limits	Sublot rejection Limits
Asphalt Binder Content	± 0.3 from mix design value	more than ± 0.3 , to ± 0.6 from mix design value	more than ± 0.6 from mix design value	± 0.8 from mix design value

D. ADJUSTMENTS

Adjustments will be made by reducing the contract price of the lot according to the schedules below:

For Asphalt Binder Content, the contract price of the entire lot will be reduced by 12% for each deviation outside the compliance limits, up to a maximum of 3 deviations. One deviation is 0.1 percentage point.

If the Contractor's supplied material requires price reduction(s) or rejection, the mix design placement rate shall be used to convert from pounds to square yards.

Pavement that is determined to be non-complying for any reason other than asphalt content or aggregate gradation will be evaluated according to Subsection 105.04. The Engineer will determine whether the non-complying pavement must be corrected or removed and replaced or may be left in place at a reduced cost to the Department. Cost reductions according to the provisions of Subsection 105.04 will be in addition to the cost reductions, if any, determined for asphalt content, and aggregate gradation. If the total cost reduction is determined to be greater than 50% for any lot, that lot will not be accepted.

When two consecutive lots or any two out of four lots fails to qualify for full payment with a price adjustment for any reason, work will be stopped until corrective action is taken.

METHOD OF MEASUREMENT:

The Ultrathin Bonded Wearing Course shall be measured by the ton of mix. Cleaning and filling of cracks and joints will be measured and paid under the item Hot Applied Joint and Crack Sealant of the type specified.

ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA1670

ULTRATHIN BONDED WEARING COURSE

BASIS OF PAYMENT:

The unit price bid per ton shall be full compensation for furnishing materials, including asphalt emulsion; for furnishing acceptable mix designs; for performing quality control and acceptance sampling and testing; for heating, mixing, hauling, placing, rolling, and finishing; and for all labor, equipment, tools, and incidentals necessary to complete the work.

Payment will be made under:

Pay Item	Pay Unit
Ultrathin Bonded Wearing Course (1/2"-Type A)	Ton
Ultrathin Bonded Wearing Course (5/8"-Type B)	Ton
Ultrathin Bonded Wearing Course (3/4"-Type C)	Ton

ARKANSAS DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION

JOB NO. SA1670

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. SA1670

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. SA1670

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. SA1670

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
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/.

INDEX OF SHEETS

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

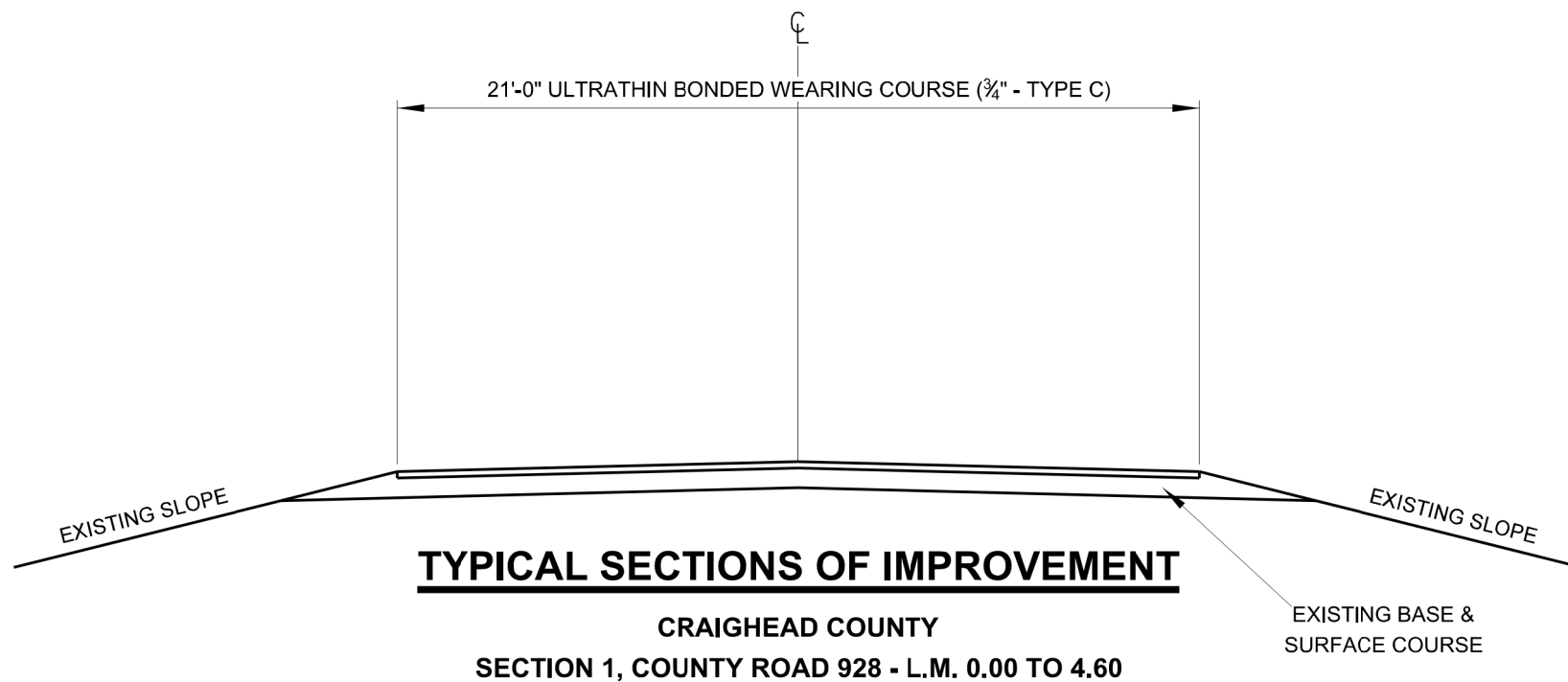
ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION,
EDITION OF 2014, AND THE FOLLOWING SPECIAL PROVISIONS AND SUPPLEMENTAL SPECIFICATIONS.

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
604-1_____	RETROREFLECTIVE SHEETING FOR TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES
604-3_____	TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES (MASH)
JOB SA1670_____	BIDDING REQUIREMENTS AND CONDITIONS
JOB SA1670_____	DOCUMENTATION OF PAYMENTS MADE – PROMPT PAYMENT (SIGNET SOFT LAUNCH)
JOB SA1670_____	DOCUMENTATION OF PAYMENTS MADE TO SUBCONTRACTORS
JOB SA1670_____	LIQUIDATED DAMAGES PROCEDURE FOR BID LETTINGS
JOB SA1670_____	MANDATORY ELECTRONIC CONTRACT
JOB SA1670_____	MANDATORY ELECTRONIC DOCUMENT SUBMITTAL
JOB SA1670_____	PRICE ADJUSTMENT FOR FUEL

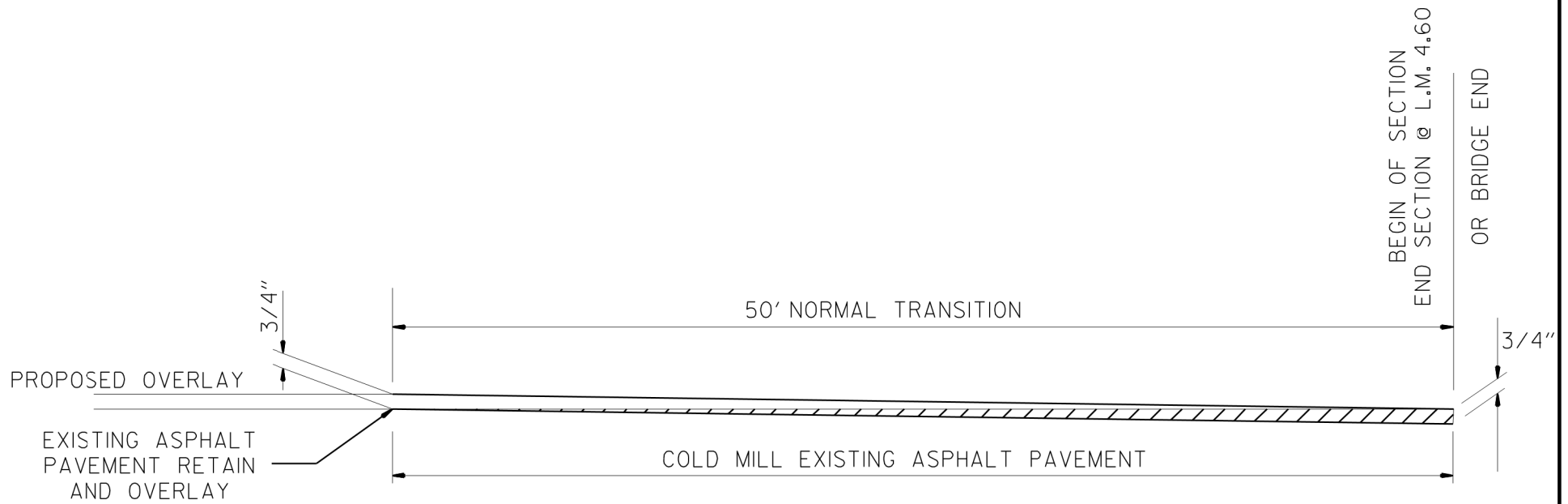
GENERAL NOTES

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. 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.
3. REPAIRS TO THE EXISTING SURFACE AND INSTALLATION OF PERMANENT TRAFFIC SAFETY SIGNS NOT SHOWN IN THE PLANS ARE THE RESPONSIBILITIES OF CRAIGHEAD COUNTY.

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.



DETAIL FOR TRANSITIONS

ULTRATHIN BONDED WEARING COURSE

LOCATION	LOG MILE		LENGTH	WIDTH	ULTRATHIN BONDED WEARING COURSE (3/4" - TYPE C)		
	FROM	TO	LIN. FT.	FEET	SQ. YDS.	POUND / SQ. YD.	TON
SECTION 1 - COUNTY ROAD 928							
MAIN LANES	0.00	4.60	23993	21.00	55983.7	79.0	2211.4
(133' EXCEPTION @ BRIDGE #11829)							
(162' EXCEPTION @ BRIDGE #04657)							
ADDITIONAL FOR LEVELING**							100.0
ADDITIONAL FOR DRIVES/TIE INS**							50.0
TOTAL:							2361.4

USE: 2361

BASIS OF ESTIMATE:
 ULTRATHIN BONDED WEARING COURSE _____ 79 POUND PER SQ. YD.

**QUANTITY ESTIMATED. TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER. SEE SECTION 104.03 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

COLD MILLING ASPHALT PAVEMENT

DESCRIPTION	LOG MILE		LENGTH	COLD MILLING ASPHALT PAVEMENT	
	FROM	TO	LIN. FT.	WIDTH	SQ. YD.
SECTION 1 - COUNTY ROAD 928					
BEGIN SECTION	0.00	0.01	50	21.00	116.7
END SECTION	4.59	4.60	50	21.00	116.7
BRIDGE END	0.87	0.88	50	21.00	116.7
BRIDGE END	0.88	0.89	50	21.00	116.7
BRIDGE END	1.75	1.76	50	21.00	116.7
BRIDGE END	1.76	1.77	50	21.00	116.7
TOTAL:					700.2
USE:					700

REFLECTORIZED PAINT PAVEMENT MARKING

DESCRIPTION	LOG MILE		YELLOW MARKING
			4"
	FROM	TO	LIN. FT.
SECTION 1 - COUNTY ROAD 928			
MAIN LANES - CONTINUOUS	0.00	4.60	48576
TOTAL:			48576

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

TRAFFIC CONTROL DEVICES

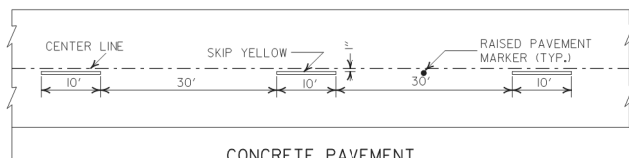
LOCATION	W20-1								G20-1	G20-2	R2-6AP	R2-11	R4-1					
	1500 FT.		1000 FT.		500 FT.		AHEAD											
	NO.	SQ. FT.	NO.	SQ. FT.	NO.	SQ. FT.	NO.	SQ. FT.										
SECTION 1 - COUNTY ROAD 928																		
BEGIN SECTION									1	10.00	1	8.00	1	12.00	1	12.00		
END SECTION	1	16.00	1	16.00	1	16.00			1	10.00	1	8.00	1	12.00	1	12.00		
ENTIRE SECTION							8	128.00									18	90.00
SUBTOTALS:	1	16.00	1	16.00	1	16.00	8	128.00	2	20.00	2	16.00	2	24.00	2	24.00	18	90.00
TOTAL:																		350.00

SUMMARY OF QUANTITIES

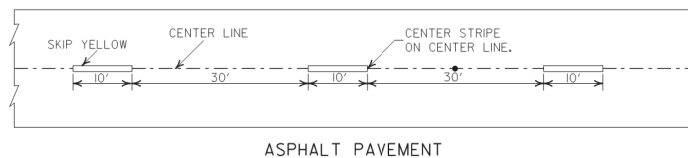
[illegible]

REVISIONS

[illegible]

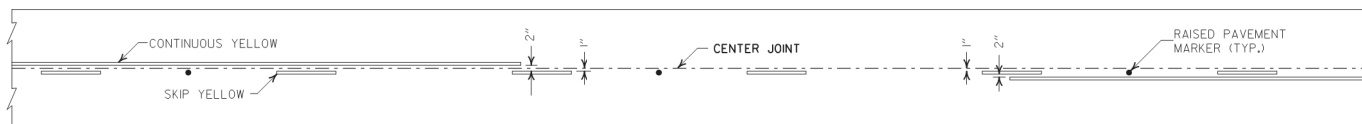


CONCRETE PAVEMENT



ASPHALT PAVEMENT

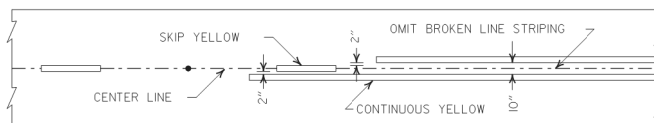
BROKEN LINE STRIPING



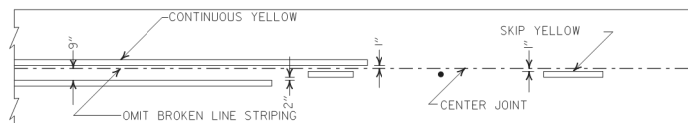
SOLID LINE STRIPING ON CONCRETE PAVEMENT



SOLID LINE STRIPING ON ASPHALT PAVEMENT

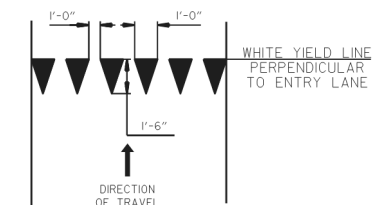


ASPHALT PAVEMENT

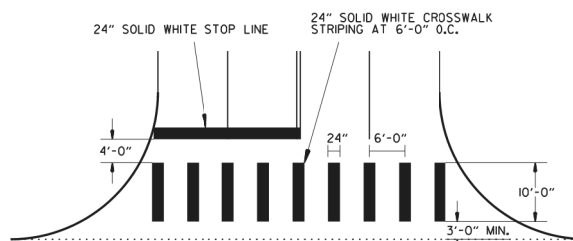


CONCRETE PAVEMENT

STRIPING AT ADJACENT NO PASSING LANES

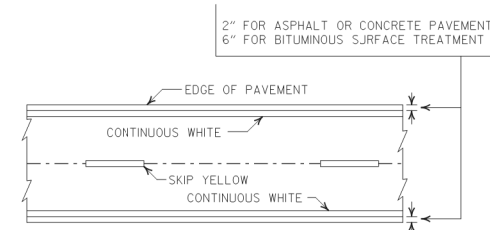


YIELD LINE DETAIL

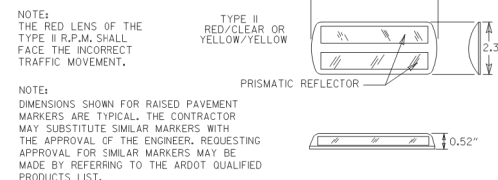


CROSSWALK AND STOP LINE DETAILS

- 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.

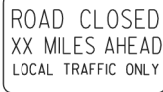
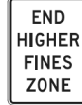
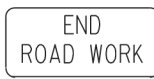
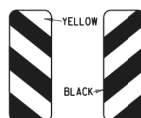


PAVEMENT EDGE LINE MARKING



DETAIL OF STANDARD RAISED PAVEMENT MARKERS

REV. CROSSWALK & STOP LINE DETAILS		AR DDT		ARKANSAS STATE HIGHWAY COMMISSION	
REV.	DATE	DESCRIPTION	DATE EFFECTIVE	STANDARD DRAWING	PM-1
04-09-26	04-09-26	LINE DETAILS	04-09-26		
02-27-20	02-27-20	ADDED YIELD LINE DETAIL			
06-01-17	06-01-17	ADDED YIELD LINE DETAIL			
05-12-16	05-12-16	REVISED LINE WIDTHS, SPACING, & NOTES			
09-12-13	09-12-13	REVISED DETAIL OF PAVEMENT MARKERS			

RI-1  STANDARD 30"x30" EXPRESSWAY 36"x36" SPECIAL 48"x48"	RI-2  STD. 36"x36"x36" EXPWY. 48"x48"x48" FWY. 60"x60"x60"	R2-1  STD. 24"x30" EXPWY. 36"x48" FWY. 48"x60"	W3-5  STD. 36"x36" EXPWY. 48"x48" FWY. 48"x48"	W3-5a  STD. 36"x36" EXPWY. 48"x48" FWY. 48"x48"	R4-1  STD. 24"x30" EXPWY. 36"x48" FWY. 48"x60"	R4-2  STD. 24"x30" EXPWY. 36"x48" FWY. 48"x60"	R2-6aP  48"x36" * USE 6" C LETTERS ** USE 4" D LETTERS	GENERAL NOTES: 1. 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. 2. 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. 3. 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, DETERIORATED, OR THAT ACCUMULATE DIRT DURING CONSTRUCTION SHALL BE CLEANED, REPAIRED, OR REPLACED. 4. SIGNS ARE USUALLY MOUNTED ON A SINGLE POST, ALTHOUGH THOSE WIDER THAN 36" OR LARGER THAN 10 SQ.FT. SHALL BE MOUNTED ON TWO POSTS OR ABOVE A TYPE III BARRICADE. 5. 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. 6. 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. 7. 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. 8. FLAGGERS SHALL USE REFLECTORIZED STOP-SLOW PADDLES. FLAGS MAY BE USED ONLY FOR EMERGENCY SITUATIONS. 9. 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. 10. R2-60P PLAQUES SHALL BE MOUNTED BELOW AN APPLICABLE ADVANCE WARNING SIGN THAT IS LOCATED AT LEAST 1500' BUT NOT MORE THAN 1 MILE 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 R2-5 "REDUCED SPEED AHEAD" SIGN. R2-5 SIGNS SHALL BE INSTALLED AT OR NEAR THE DOWNSIDE 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 4 & 5, BUT MEET THE REQUIREMENTS OF MANUAL FOR ASSESSING SAFETY HARDWARE (MASH), WILL BE ACCEPTED. COMPLIANCE WITH THE REQUIREMENTS OF MANUAL FOR ASSESSING SAFETY HARDWARE (MASH) IS REQUIRED FOR ALL PROJECTS.
R5-1  STD. 30"x30" EXPWY. 36"x36" SPECIAL 48"x48"	R11-2  48"x30"	R11-3A  60"x30"	R11-4  60"x30"	W21-5a  STD. 36"x36" FWY. 48"x48"	W1-1  STD. 36"x36" FWY. 48"x48"	W1-2  STD. 36"x36" FWY. 48"x48"	R2-11  36"x48"	
W1-3  STD. 48"x48"	W1-4  STD. 48"x48"	W1-6  STD. 48"x24" SPECIAL 60"x30"	W1-8  STD. 48"x24" SPECIAL 24"x30" EXPWY. 30"x36" FWY. 36"x48"	W3-1  STD. 36"x36" SPECIAL 48"x48"	W3-2  STD. 36"x36" SPECIAL 48"x48"	W4-2  STD. 36"x36" FWY. 48"x48"	R56-1  STD. 18"x18"	
W5-1  STD. 36"x36" SPECIAL 48"x48"	W6-3  EXPWY. 36"x36" SPECIAL 48"x48"	W8-7  EXPWY. 36"x36" FWY. 48"x48"	W9-2  STD. 36"x36" FWY. 48"x48"	W13-1  STD. 24"x24"	W20-1  STD. 48"x48"	W20-2  STD. 48"x48"	W20-3  STD. 48"x48"	
W20-4  STD. 48"x48"	W20-5  STD. 48"x48"	W20-7a  STD. 36"x36" FWY. 48"x48"	W21-2  STD. 30"x30" SPECIAL 36"x36"	W21-5  STD. 30"x30" SPECIAL 36"x36"	W24-1  STD. 36"x36"	W1-4b  STD. 48"x48"		
W8-11  STD. 36"x36" FWY. 48"x48"	W8-9  STD. 36"x36" FWY. 48"x48"	G20-1  60"x24"	G20-2  48"x24"	OM-3L OM-3R  12"x36"	M4-9  STD. 30"x24" SPECIAL 48"x36" SPECIAL 60"x48"	M4-10  48"x18"		

REPLACEMENT WITH R2-60P FOR R2-11 & R2-12
REVISED NOTE 10

11-07-19
REVISED R2-11

11-07-19
REVISED R2-12

11-07-19
REVISED R2-13

11-07-19
REVISED R2-14

11-07-19
REVISED R2-15

11-07-19
REVISED R2-16

11-07-19
REVISED R2-17

11-07-19
REVISED R2-18

11-07-19
REVISED R2-19

11-07-19
REVISED R2-20

11-07-19
REVISED R2-21

11-07-19
REVISED R2-22

11-07-19
REVISED R2-23

11-07-19
REVISED R2-24

11-07-19
REVISED R2-25

11-07-19
REVISED R2-26

11-07-19
REVISED R2-27

11-07-19
REVISED R2-28

AR

DOT

ARKANSAS STATE
HIGHWAY COMMISSION

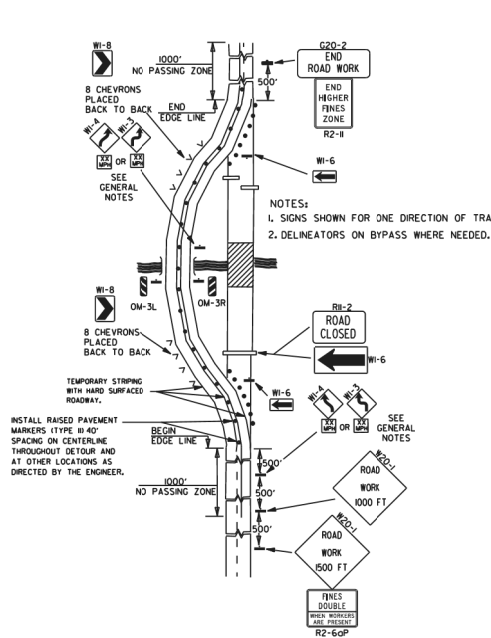
STANDARD TRAFFIC CONTROLS
FOR HIGHWAY CONSTRUCTION

DATE EFFECTIVE

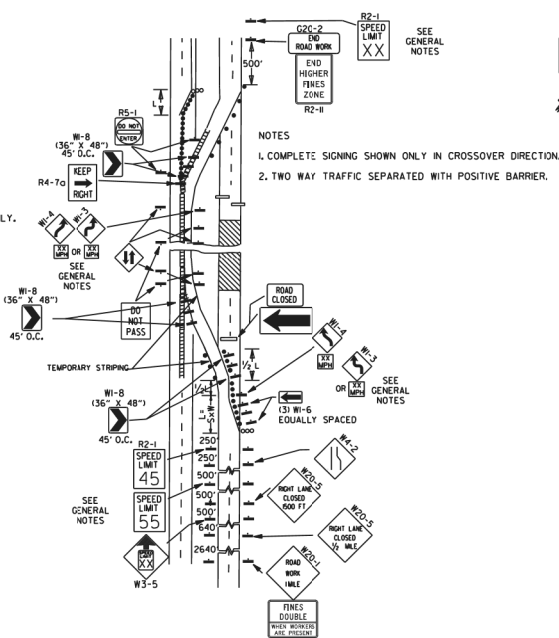
08-14-2025

STANDARD DRAWING

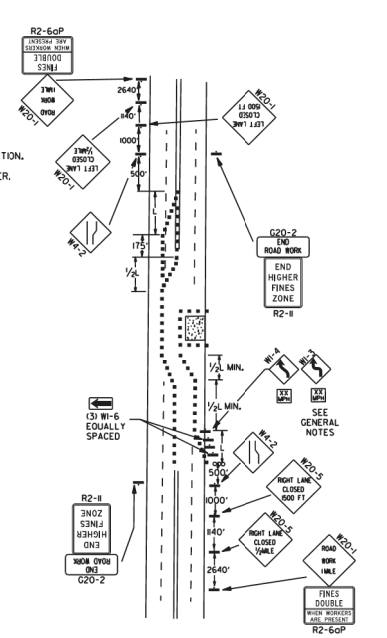
TC-1



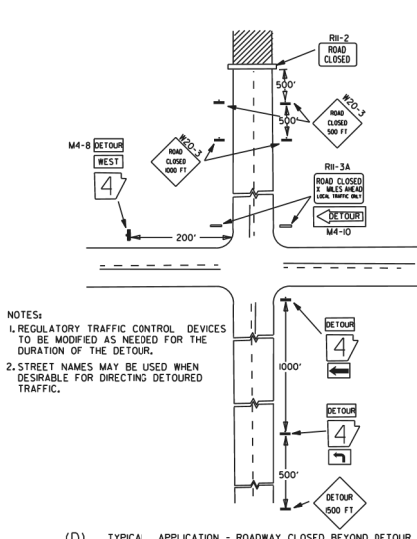
(A) TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES ON A 2-LANE HIGHWAY WHERE THE ENTIRE ROADWAY IS CLOSED AND A BYPASS DETOUR IS PROVIDED.



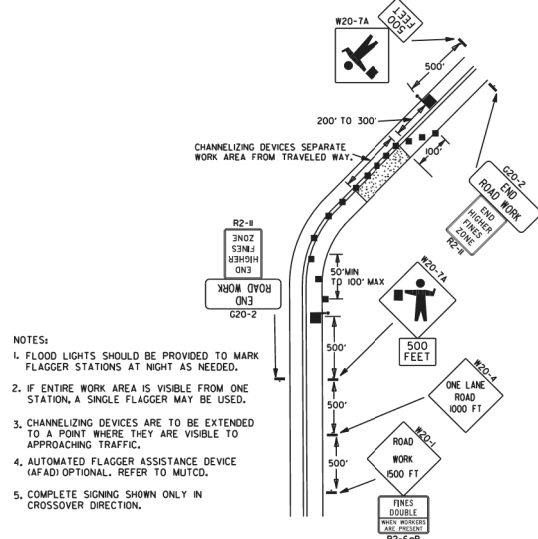
(B) TYPICAL APPLICATION - 4-LANE DIVIDED ROADWAY WHERE ONE ROADWAY IS CLOSED.



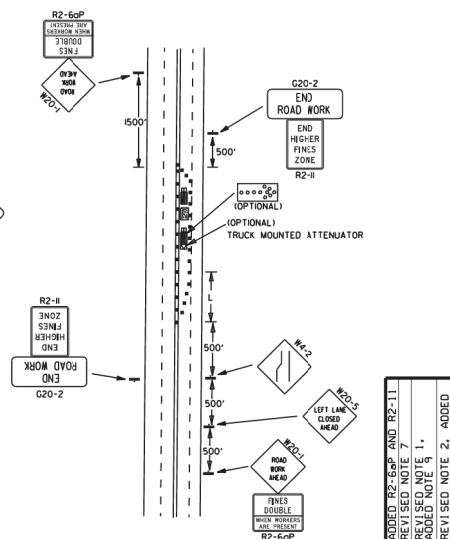
(C) TYPICAL APPLICATION - 4-LANE UNDIVIDED ROADWAY WHERE HALF OF THE ROADWAY IS CLOSED.



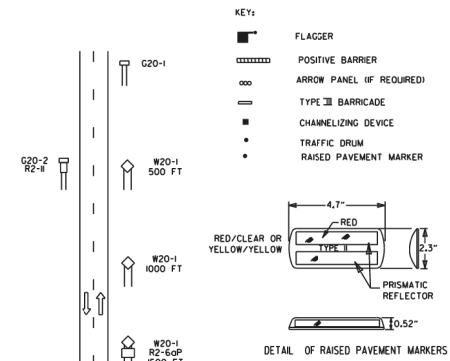
(D) TYPICAL APPLICATION - ROADWAY CLOSED BEYOND DETOUR POINT.



(E) TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES ON 2-LANE HIGHWAY WHERE ONE LANE IS CLOSED AND FLAGGING IS PROVIDED.



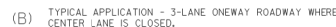
(F) TYPICAL APPLICATION - 4-LANE UNDIVIDED ROADWAY WITH INSIDE LANE CLOSED.



TYPICAL ADVANCE WARNING SIGN PLACEMENT
TAPER FORMULAE:
L=SKW FOR SPEEDS OF 45MPH OR MORE.
L= WS²/60 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 W-3 OR W-4 CURVE WARNING SIGNS. USE W-4 WHEN SPEED IS GREATER THAN 50MPH AND W-3 WHEN 30MPH OR LESS.
2. WHEN THE EXISTING SPEED LIMIT IS 45MPH AND THE PLANS REQUIRE A SPEED LIMIT OF 45MPH, THE R2-145 SHALL BE OMITTED AND THE W-3-5 SHALL BE INSTALLED AT THAT LOCATION. ADDITIONAL R2-145MPH SPEED LIMIT SIGNS SHALL BE INSTALLED AT A MAXIMUM OF 1/2 MILE INTERVALS.
3. WHEN THE EXISTING SPEED LIMIT IS 55MPH AND THE PLANS REQUIRE A SPEED LIMIT OF 55MPH, THE R2-145 SHALL BE OMITTED. ADDITIONAL R2-155MPH SPEED LIMIT SIGNS SHALL BE INSTALLED AT A MAXIMUM OF 1/2 MILE INTERVALS. AT THE END OF THE WORK AREA A R2-155 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 ADOPTED 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).

DATE	REV	DESCRIPTION
08-14-25	1	ADDED R2-6P AND R2-11
05-20-21	1	REVISED NOTE 1
11-07-19	1	ADDED NOTE 1
09-02-15	1	REVISED NOTE 2, ADDED NOTE 3, REVISED R2-6P, R2-11, R2-145, R2-155, R2-165, R2-175, R2-185, R2-195, R2-205, R2-215, R2-225, R2-235, R2-245, R2-255, R2-265, R2-275, R2-285, R2-295, R2-305, R2-315, R2-325, R2-335, R2-345, R2-355, R2-365, R2-375, R2-385, R2-395, R2-405, R2-415, R2-425, R2-435, R2-445, R2-455, R2-465, R2-475, R2-485, R2-495, R2-505, R2-515, R2-525, R2-535, R2-545, R2-555, R2-565, R2-575, R2-585, R2-595, R2-605, R2-615, R2-625, R2-635, R2-645, R2-655, R2-665, R2-675, R2-685, R2-695, R2-705, R2-715, R2-725, R2-735, R2-745, R2-755, R2-765, R2-775, R2-785, R2-795, R2-805, R2-815, R2-825, R2-835, R2-845, R2-855, R2-865, R2-875, R2-885, R2-895, R2-905, R2-915, R2-925, R2-935, R2-945, R2-955, R2-965, R2-975, R2-985, R2-995, R2-1005, R2-1015, R2-1025, R2-1035, R2-1045, R2-1055, R2-1065, R2-1075, R2-1085, R2-1095, R2-1105, R2-1115, R2-1125, R2-1135, R2-1145, R2-1155, R2-1165, R2-1175, R2-1185, R2-1195, R2-1205, R2-1215, R2-1225, R2-1235, R2-1245, R2-1255, R2-1265, R2-1275, R2-1285, R2-1295, R2-1305, R2-1315, R2-1325, R2-1335, R2-1345, R2-1355, R2-1365, R2-1375, R2-1385, R2-1395, R2-1405, R2-1415, R2-1425, R2-1435, R2-1445, R2-1455, R2-1465, R2-1475, R2-1485, R2-1495, R2-1505, R2-1515, R2-1525, R2-1535, R2-1545, R2-1555, R2-1565, R2-1575, R2-1585, R2-1595, R2-1605, R2-1615, R2-1625, R2-1635, R2-1645, R2-1655, R2-1665, R2-1675, R2-1685, R2-1695, R2-1705, R2-1715, R2-1725, R2-1735, R2-1745, R2-1755, R2-1765, R2-1775, R2-1785, R2-1795, R2-1805, R2-1815, R2-1825, R2-1835, R2-1845, R2-1855, R2-1865, R2-1875, R2-1885, R2-1895, R2-1905, R2-1915, R2-1925, R2-1935, R2-1945, R2-1955, R2-1965, R2-1975, R2-1985, R2-1995, R2-2005, R2-2015, R2-2025, R2-2035, R2-2045, R2-2055, R2-2065, R2-2075, R2-2085, R2-2095, R2-2105, R2-2115, R2-2125, R2-2135, R2-2145, R2-2155, R2-2165, R2-2175, R2-2185, R2-2195, R2-2205, R2-2215, R2-2225, R2-2235, R2-2245, R2-2255, R2-2265, R2-2275, R2-2285, R2-2295, R2-2305, R2-2315, R2-2325, R2-2335, R2-2345, R2-2355, R2-2365, R2-2375, R2-2385, R2-2395, R2-2405, R2-2415, R2-2425, R2-2435, R2-2445, R2-2455, R2-2465, R2-2475, R2-2485, R2-2495, R2-2505, R2-2515, R2-2525, R2-2535, R2-2545, R2-2555, R2-2565, R2-2575, R2-2585, R2-2595, R2-2605, R2-2615, R2-2625, R2-2635, R2-2645, R2-2655, R2-2665, R2-2675, R2-2685, R2-2695, R2-2705, R2-2715, R2-2725, R2-2735, R2-2745, R2-2755, R2-2765, R2-2775, R2-2785, R2-2795, R2-2805, R2-2815, R2-2825, R2-2835, R2-2845, R2-2855, R2-2865, R2-2875, R2-2885, R2-2895, R2-2905, R2-2915, R2-2925, R2-2935, R2-2945, R2-2955, R2-2965, R2-2975, R2-2985, R2-2995, R2-3005, R2-3015, R2-3025, R2-3035, R2-3045, R2-3055, R2-3065, R2-3075, R2-3085, R2-3095, R2-3105, R2-3115, R2-3125, R2-3135, R2-3145, R2-3155, R2-3165, R2-3175, R2-3185, R2-3195, R2-3205, R2-3215, R2-3225, R2-3235, R2-3245, R2-3255, R2-3265, R2-3275, R2-3285, R2-3295, R2-3305, R2-3315, R2-3325, R2-3335, R2-3345, R2-3355, R2-3365, R2-3375, R2-3385, R2-3395, R2-3405, R2-3415, R2-3425, R2-3435, R2-3445, R2-3455, R2-3465, R2-3475, R2-3485, R2-3495, R2-3505, R2-3515, R2-3525, R2-3535, R2-3545, R2-3555, R2-3565, R2-3575, R2-3585, R2-3595, R2-3605, R2-3615, R2-3625, R2-3635, R2-3645, R2-3655, R2-3665, R2-3675, R2-3685, R2-3695, R2-3705, R2-3715, R2-3725, R2-3735, R2-3745, R2-3755, R2-3765, R2-3775, R2-3785, R2-3795, R2-3805, R2-3815, R2-3825, R2-3835, R2-3845, R2-3855, R2-3865, R2-3875, R2-3885, R2-3895, R2-3905, R2-3915, R2-3925, R2-3935, R2-3945, R2-3955, R2-3965, R2-3975, R2-3985, R2-3995, R2-4005, R2-4015, R2-4025, R2-4035, R2-4045, R2-4055, R2-4065, R2-4075, R2-4085, R2-4095, R2-4105, R2-4115, R2-4125, R2-4135, R2-4145, R2-4155, R2-4165, R2-4175, R2-4185, R2-4195, R2-4205, R2-4215, R2-4225, R2-4235, R2-4245, R2-4255, R2-4265, R2-4275, R2-4285, R2-4295, R2-4305, R2-4315, R2-4325, R2-4335, R2-4345, R2-4355, R2-4365, R2-4375, R2-4385, R2-4395, R2-4405, R2-4415, R2-4425, R2-4435, R2-4445, R2-4455, R2-4465, R2-4475, R2-4485, R2-4495, R2-4505, R2-4515, R2-4525, R2-4535, R2-4545, R2-4555, R2-4565, R2-4575, R2-4585, R2-4595, R2-4605, R2-4615, R2-4625, R2-4635, R2-4645, R2-4655, R2-4665, R2-4675, R2-4685, R2-4695, R2-4705, R2-4715, R2-4725, R2-4735, R2-4745, R2-4755, R2-4765, R2-4775, R2-4785, R2-4795, R2-4805, R2-4815, R2-4825, R2-4835, R2-4845, R2-4855, R2-4865, R2-4875, R2-4885, R2-4895, R2-4905, R2-4915, R2-4925, R2-4935, R2-4945, R2-4955, R2-4965, R2-4975, R2-4985, R2-4995, R2-5005, R2-5015, R2-5025, R2-5035, R2-5045, R2-5055, R2-5065, R2-5075, R2-5085, R2-5095, R2-5105, R2-5115, R2-5125, R2-5135, R2-5145, R2-5155, R2-5165, R2-5175, R2-5185, R2-5195, R2-5205, R2-5215, R2-5225, R2-5235, R2-5245, R2-5255, R2-5265, R2-5275, R2-5285, R2-5295, R2-5305, R2-5315, R2-5325, R2-5335, R2-5345, R2-5355, R2-5365, R2-5375, R2-5385, R2-5395, R2-5405, R2-5415, R2-5425, R2-5435, R2-5445, R2-5455, R2-5465, R2-5475, R2-5485, R2-5495, R2-5505, R2-5515, R2-5525, R2-5535, R2-5545, R2-5555, R2-5565, R2-5575, R2-5585, R2-5595, R2-5605, R2-5615, R2-5625, R2-5635, R2-5645, R2-5655, R2-5665, R2-5675, R2-5685, R2-5695, R2-5705, R2-5715, R2-5725, R2-5735, R2-5745, R2-5755, R2-5765, R2-5775, R2-5785, R2-5795, R2-5805, R2-5815, R2-5825, R2-5835, R2-5845, R2-5855, R2-5865, R2-5875, R2-5885, R2-5895, R2-5905, R2-5915, R2-5925, R2-5935, R2-5945, R2-5955, R2-5965, R2-5975, R2-5985, R2-5995, R2-6005, R2-6015, R2-6025, R2-6035, R2-6045, R2-6055, R2-6065, R2-6075, R2-6085, R2-6095, R2-6105, R2-6115, R2-6125, R2-6135, R2-6145, R2-6155, R2-6165, R2-6175, R2-6185, R2-6195, R2-6205, R2-6215, R2-6225, R2-6235, R2-6245, R2-6255, R2-6265, R2-6275, R2-6285, R2-6295, R2-6305, R2-6315, R2-6325, R2-6335, R2-6345, R2-6355, R2-6365, R2-6375, R2-6385, R2-6395, R2-6405, R2-6415, R2-6425, R2-6435, R2-6445, R2-6455, R2-6465, R2-6475, R2-6485, R2-6495, R2-6505, R2-6515, R2-6525, R2-6535, R2-6545, R2-6555, R2-6565, R2-6575, R2-6585, R2-6595, R2-6605, R2-6615, R2-6625, R2-6635, R2-6645, R2-6655, R2-6665, R2-6675, R2-6685, R2-6695, R2-6705, R2-6715, R2-6725, R2-6735, R2-6745, R2-6755, R2-6765, R2-6775, R2-6785, R2-6795, R2-6805, R2-6815, R2-6825, R2-6835, R2-6845, R2-6855, R2-6865, R2-6875, R2-6885, R2-6895, R2-6905, R2-6915, R2-6925, R2-6935, R2-6945, R2-6955, R2-6965, R2-6975, R2-6985, R2-6995, R2-7005, R2-7015, R2-7025, R2-7035, R2-7045, R2-7055, R2-7065, R2-7075, R2-7085, R2-7095, R2-7105, R2-7115, R2-7125, R2-7135, R2-7145, R2-7155, R2-7165, R2-7175, R2-7185, R2-7195, R2-7205, R2-7215, R2-7225, R2-7235, R2-7245, R2-7255, R2-7265, R2-7275, R2-7285, R2-7295, R2-7305, R2-7315, R2-7325, R2-7335, R2-7345, R2-7355, R2-7365, R2-7375, R2-7385, R2-7395, R2-7405, R2-7415, R2-7425, R2-7435, R2-7445, R2-7455, R2-7465, R2-7475, R2-7485, R2-7495, R2-7505, R2-7515, R2-7525, R2-7535, R2-7545, R2-7555, R2-7565, R2-7575, R2-7585, R2-7595, R2-7605, R2-7615, R2-7625, R2-7635, R2-7645, R2-7655, R2-7665, R2-7675, R2-7685, R2-7695, R2-7705, R2-7715, R2-7725, R2-7735, R2-7745, R2-7755, R2-7765, R2-7775, R2-7785, R2-7795, R2-7805, R2-7815, R2-7825, R2-7835, R2-7845, R2-7855, R2-7865, R2-7875, R2-7885, R2-7895, R2-7905, R2-7915, R2-7925, R2-7935, R2-7945, R2-7955, R2-7965, R2-7975, R2-7985, R2-7995, R2-8005, R2-8015, R2-8025, R2-8035, R2-8045, R2-8055, R2-8065, R2-8075, R2-8085, R2-8095, R2-8105, R2-8115, R2-8125, R2-8135, R2-8145, R2-8155, R2-8165, R2-8175, R2-8185, R2-8195, R2-8205, R2-8215, R2-8225, R2-8235, R2-8245, R2-8255, R2-8265, R2-8275, R2-8285, R2-8295, R2-8305, R2-8315, R2-8325, R2-8335, R2-8345, R2-8355, R2-8365, R2-8375, R2-8385, R2-8395, R2-8405, R2-8415, R2-8425, R2-8435, R2-8445, R2-8455, R2-8465, R2-8475, R2-8485, R2-8495, R2-8505, R2-8515, R2-8525, R2-8535, R2-8545, R2-8555, R2-8565, R2-8575, R2-8585, R2-8595, R2-8605, R2-8615, R2-8625, R2-8635, R2-8645, R2-8655, R2-8665, R2-8675, R2-8685, R2-8695, R2-8705, R2-8715, R2-8725, R2-8735, R2-8745, R2-8755, R2-8765, R2-8775, R2-8785, R2-8795, R2-8805, R2-8815, R2-8825, R2-8835, R2-8845, R2-8855, R2-8865, R2-8875, R2-8885, R2-8895, R2-8905, R2-8915, R2-8925, R2-8935, R2-8945, R2-8955, R2-8965, R2-8975, R2-8985, R2-8995, R2-9005, R2-9015, R2-9025, R2-9035, R2-9045, R2-9055, R2-9065, R2-9075, R2-9085, R2-9095, R2-9105, R2-9115, R2-9125, R2-9135, R2-9145, R2-9155, R2-9165, R2-9175, R2-9185, R2-9195, R2-9205, R2-9215, R2-9225, R2-9235, R2-9245, R2-9255, R2-9265, R2-9275, R2-9285, R2-9295, R2-9305, R2-9315, R2-9325, R2-9335, R2-9345, R2-9355, R2-9365, R2-9375, R2-9385, R2-9395, R2-9405, R2-9415, R2-9425, R2-9435, R2-9445, R2-9455, R2-9465, R2-9475, R2-9485, R2-9495, R2-9505, R2-9515, R2-9525, R2-9535, R2-9545, R2-9555, R2-9565, R2-9575, R2-9585, R2-9595, R2-9605, R2-9615, R2-9625, R2-9635, R2-9645, R2-9655, R2-9665, R2-9675, R2-9685, R2-9695, R2-9705, R2-9715, R2-9725, R2-9735, R2-9745, R2-9755, R2-9765, R2-9775, R2-9785, R2-9795, R2-9805, R2-9815, R2-9825, R2-9835, R2-9845, R2-9855, R2-9865, R2-9875, R2-9885, R2-9895, R2-9905, R2-9915, R2-9925, R2-9935, R2-9945, R2-9955, R2-9965, R2-9975, R2-9985, R2-9995, R2-10005, R2-10015, R2-10025, R2-10035, R2-10045, R2-10055, R2-10065, R2-10075, R2-10085, R2-10095, R2-10105, R2-10115, R2-10125, R2-10135, R2-10145, R2-10155, R2-10165, R2-10175, R2-10185, R2-10195, R2-10205, R2-10215, R2-10225, R2-10235, R2-10245, R2-10255, R2-10265, R2-10275, R2-10285, R2-10295, R2-10305, R2-10315, R2-10325, R2-10335, R2-10345, R2-10355, R2-10365, R2-10375, R2-10385, R2-10395, R2-10405, R2-10415, R2-10425, R2-10435, R2-10445, R2-10455, R2-10465, R2-10475, R2-10485, R2-10495, R2-10505, R2-10515, R2-10525, R2-10535, R2-10545, R2-10555, R2-10565, R2-10575, R2-10585, R2-10595, R2-10605, R2-10615, R2-10625, R2-10635, R2-10645, R2-10655, R2-10665, R2-10675, R2-10685, R2-10695, R2-10705, R2-10715, R2-10725, R2-10735, R2-10745, R2-10755, R2-10765, R2-10775, R2-10785, R2-10795, R2-10805, R2-10815, R2-10825, R2-10835, R2-10845, R2-10855, R2-10865, R2-10875, R2-10885, R2-10895, R2-10905, R2-10915, R2-10925, R2-10935, R2-10945, R2-10955, R2-10965, R2-10975, R2-10985, R2-10995, R2-11005, R2-11015, R2-11025, R2-11035, R2-11045, R2-11055, R2-11065, R2-11075, R2-11085, R2-11095, R2-11105, R2-11115, R2-11125, R2-11135, R2-11145, R2-11155, R2-11165, R2-11175, R2-11185, R2-11195, R2-11205, R2-11215, R2-11225, R2-11235, R2-11245, R2-11255, R2-11265, R2-11275, R2-11285, R2-11295, R2-11305, R2-11315, R2-11325, R2-11335, R2-11345, R2-11355, R2-11365, R2-11375, R2-11385, R2-11395, R2-11405, R2-11415, R2-11425, R2-11435, R2-11445, R2-11455, R2-11465, R2-11475, R2-11485, R2-11495, R2-11505, R2-11515, R2-11525, R2-11535, R2-11545, R2-11555, R2-11565, R2-11575, R2-11585, R2-11595, R2-11605, R2-11615, R2-11625, R2-11635, R2-11645, R2-11655, R2-11665, R2-11675, R2-11685, R2-11695, R2-11705, R2-11715, R2-11725, R2-11735, R2-11745, R2-11755, R2-11765, R2-11775, R2-11785, R2-11795, R2-11805, R2-11815, R2-11825, R2-11835, R2-11845, R2-11855, R2-11865, R2-11875, R2-11885, R2-11895, R2-11905, R2-11915, R2-11925, R2-11935, R2-11945, R2-11955, R2-11965, R2-11975, R2-11985, R2-11995, R2-12005, R2-12015, R2-12025, R2-12035, R2-12045, R2-12055, R2



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



08-14-29	ADDED R2-6&P AND R2-11		ARKANSAS STATE HIGHWAY COMMISSION	
05-22-29	REVISED TRAFFIC CONTROL DEVICES AND NOTES,		STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	
08-12-21	REVISED TRAFFIC CONTROL DEVICES AND NOTES			
05-20-21	REVISED NOTE 10			
02-27-20	REVISED TRAFFIC CONTROL DEVICES DETAILS			
DATE	REV	DESCRIPTION		
DATE EFFECTIVE		STANDARD DRAWING	TC-3	
08-14-2025				

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 OVERLAY APPROXIMATELY 4.54 MILES OF COUNTY ROAD 928 IN CRAIGHEAD COUNTY. THIS PROJECT CONSISTS OF ULTRATHIN BONDED WEARING COURSE, COLD MILLING, MAINTENANCE OF TRAFFIC, PAVEMENT MARKING, AND MISC. ITEMS.

County Road No. CR 928 in **CRAIGHEAD** 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 **SA1670** **STATE AID COUNTY JOB (CODE 9970)**

Job Name: **HWY. 135 – WEST (OVERLAY) (S)**

said project being approximately **4.54 miles in length.**

Proposal received until 1:30 p.m. on May 20, 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 November 25, 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.: SA1670

Job Name: HWY. 135 – WEST (OVERLAY) (S)

Federal Aid Project: 9970SA1670

Date Estimated: 3/17/2026

Date Revised:

Line Number	Item Code and Description	Estimated Quantity	Unit Bid Price	Price Extension
Section 01 - PROPOSAL ITEMS				
0001	SP - ULTRATHIN BONDED WEARING COURSE (3/4"-TYPE C)	2,361.000 TON		
0002	412 - COLD MILLING ASPHALT PAVEMENT	700.000 SQYD		
0003	SS&603 - MAINTENANCE OF TRAFFIC	1.000 L.S.		
0004	SS&604 - SIGNS	350.000 SQFT		
0005	718 - REFLECTORIZED PAINT PAVEMENT MARKING YELLOW (4")	48,576.000 LF		
			Section 01 Total: _____	
			Subtotal: _____	
0006	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 SEAL)

(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