



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

**State of West Virginia
 Solicitation Response**

Proc Folder: 828216
Solicitation Description: Addendum #8
 Asphalt Preservation and Pavement Markings
Proc Type: Agency Master Agreement

Solicitation Closes	Solicitation Response	Version
2021-02-08 14:30	SR 0803 ESR02062100000005283	1

VENDOR
 000000159757
 RUSSELL STANDARD CORP

Solicitation Number: ARFQ 0803 DOT2100000027
Total Bid: 0
Response Date: 2021-02-08
Response Time: 12:36:04
Comments:

FOR INFORMATION CONTACT THE BUYER

Tina L Lewis
 304-414-6859
 tina.l.lewis@wv.gov

Vendor Signature X **FEIN#** **DATE**

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Highway and road resurfacing service	0.00000	EA	1.000000	0.00

Comm Code	Manufacturer	Specification	Model #
72141104			

Commodity Line Comments:

Extended Description:

Highway and road resurfacing service



**State of West Virginia
Agency Request for Quote**

Proc Folder: 828216			Reason for Modification: Addendum #8 To extend bid opening date to 02/08/2021 at 2:30PM To Modify Contract Specification, Sec..... See Page 2 for complete info
Doc Description: Addendum #8 Asphalt Preservation and Pavement Markings			
Proc Type: Agency Master Agreement			
Date Issued	Solicitation Closes	Solicitation No	Version
2021-02-02	2021-02-08 14:30	ARFQ 0803 DOT2100000027	10

BID RECEIVING LOCATION
FINANCE & ADMINISTRATION DIVISION OF HIGHWAYS BLDG 5, RM A-220 1900 KANAWHA BLVD E CHARLESTON WV 25302 US

VENDOR
Vendor Customer Code: 159757
Vendor Name Russell Standard Corp
Address : 285 Kappa Drive #300
Street :
City : Pittsburgh
State : PA Country : USA Zip : 15238
Principal Contact : Mike Rowe, Director of Pavement Preservation Barry Statler, Operations Manager
Vendor Contact Phone: Mike 724-625-1505 Extension:
Barry 717-352-8995

FOR INFORMATION CONTACT THE BUYER Tina L Lewis 304-414-6859 tina.l.lewis@wv.gov

Vendor Signature X 	FEIN# 25-0947393	DATE 2/5/21
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All offers subject to all terms and conditions contained in this solicitation

	Document Phase	Document Description	Page
DOT210000027	Final	Addendum #8□ Asphalt Preservation and Pavement Markings	3

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

ADDENDUM ACKNOWLEDGEMENT FORM

SOLICITATION NO.: ARFQ DOT2100000027

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification. Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:
(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input checked="" type="checkbox"/> Addendum No. 6 |
| <input checked="" type="checkbox"/> Addendum No. 2 | <input checked="" type="checkbox"/> Addendum No. 7 |
| <input checked="" type="checkbox"/> Addendum No. 3 | <input checked="" type="checkbox"/> Addendum No. 8 |
| <input checked="" type="checkbox"/> Addendum No. 4 | <input checked="" type="checkbox"/> Addendum No. 9 |
| <input checked="" type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

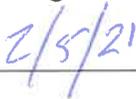
I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Russell Standard Corporation

Company



Authorized Signature



Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

BID BOND

KNOW ALL MEN BY THESE PRESENTS: That we **Russell Standard Corporation**, Principal,
PO Box 802, Mars, PA 16046
and **Western Surety Company**, Surety, are held and firmly bound
One PPG Place, Suite 2920, Pittsburgh, PA. 15222
unto

in the sum of **State of West Virginia, West Virginia**, Obligee,
5% of Total Bid Dollars (\$ _____),
for the payment of which we bind ourselves, our legal representatives, successors and assigns,
jointly and severally, firmly by these presents.

WHEREAS, Principal has submitted or is about to submit a proposal to Obligee on a contract
for

ARFQ DOT2100000024
Asphalt Preservation and Pavement Markings - Statewide

NOW, THEREFORE, if the said contract be awarded to Principal and Principal shall, within
such time as may be specified, enter into the contract in writing and give such bond or bonds as
may be specified in the bidding or contract documents with surety acceptable to Obligee; or if
Principal shall fail to do so, pay to Obligee the damages which Obligee may suffer by reason of
such failure not exceeding the penalty of this bond, then this obligation shall be void; otherwise to
remain in full force and effect.

Signed, sealed, and dated this **20** day of **January, 2021**

Russell Standard Corporation

Principal

By: 

(Seal)

Mike Rowe, Director of Pavement Preservation

Western Surety Company

Surety

By: 

(Seal)

Kathleen A. Vansovich

,Attorney-in-Fact

BB65

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Linda Donahue, Michael Dercoli, Michael D Ward, Neal W Smith, Alan R Weiler, Kathleen A Vansovich, Vicky Lynn Dielman, Geneva L Maher, Denise Nelson, Stephanie Mc Quillen, Julieann Johnston, Karen A Townsend, Deborah L Williams, Individually

of Columbus, OH, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 14th day of July, 2020.



WESTERN SURETY COMPANY

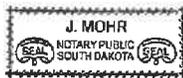
Paul T. Bruflat, Vice President

State of South Dakota }
County of Minnehaha } ss

On this 14th day of July, 2020, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires

June 23, 2021



J. Mohr, Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 20 day of JANUARY 2021



WESTERN SURETY COMPANY

L. Nelson, Assistant Secretary

Form F4280-7-2012

Go to www.cnasurety.com > Owner / Obligee Services > Validate Bond Coverage, if you want to verify bond authenticity.

Authorizing By-Law

ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the shareholders of the Company.

Section 7. All bonds, policies, undertakings, Powers of Attorney, or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, and Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile.

INSTRUCTIONS TO VENDORS SUBMITTING BIDS

West Virginia Division of Highways Maintenance Division

1. REVIEW DOCUMENTS THOROUGHLY: The attached documents contain a solicitation for bids. Please read these instructions and all documents attached in their entirety. These instructions provide critical information about requirements that if overlooked could lead to disqualification of a Vendor's bid. All bids must be submitted in accordance with the provisions contained in these instructions and the Solicitation. Failure to do so may result in disqualification of Vendor's bid.

2. MANDATORY TERMS: The Solicitation may contain mandatory provisions identified by the use of the words "must," "will," and "shall." Failure to comply with a mandatory term in the Solicitation will result in bid disqualification.

3. BID SUBMISSION: All bids must be submitted electronically through the West Virginia Vendor Self Service Portal website or signed, sealed in an envelope and delivered by the Vendor to the Agency on or before the date and time of the bid opening. Any bid received by the Agency staff is considered to be in the possession of the Agency and will not be returned for any reason. In the event that a Vendor submits multiple bids in response to the same Solicitation, the bid with the most recent Agency or wvOASIS time stamp shall be the bid considered by the Agency and the Agency shall disregard all other bids by that Vendor for that Solicitation. Any bid received by the Agency after the date and time of the bid opening as specified in the Solicitation shall be disregarded by the Agency.

3A. BID SUBMISSION: A bid that is not submitted electronically through wvOasis should contain the listed information below on the face of the envelope or the bid may be rejected by the Agency.

SEALED BID: Asphalt Preservation and Pavement Markings - Statewide

BUYER: Tina Lewis

SOLICITATION NUMBER: ARFQ DOT2100000024

BID OPENING DATE: 01/20/2021

BID OPENING TIME: 2:30PM

4. ADDENDUM ACKNOWLEDGEMENT: Changes or revisions to this Solicitation will be made by an official addendum issued by the Agency. Vendor should acknowledge receipt of all addenda issued with this Solicitation by completing an Addendum Acknowledgment Form, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

5. BID FORMATTING: Vendor should type or electronically enter the information onto its bid to prevent errors in the evaluation. Failure to type or electronically enter the information may result in bid disqualification.

6. ALTERNATES: Any model, brand, or specification listed in this Solicitation establishes the acceptable level of quality only and is not intended to reflect a preference for, or in any way favor, a particular brand or vendor. Vendors may bid alternates to a listed model or brand provided that the alternate is at least equal to the model or brand and complies with the required specifications. The equality of any alternate being bid shall be determined by the Agency at its sole discretion. Any Vendor bidding an alternate model or brand should clearly identify the alternate items in its bid and should include manufacturer's specifications, industry literature, and/or any other relevant documentation demonstrating the equality of the alternate items. Failure to provide information for alternate items may be grounds for rejection of a Vendor's bid.

7. EXCEPTIONS AND CLARIFICATIONS: The Solicitation contains the specifications that shall form the basis of a contractual agreement. Vendor shall clearly mark any exceptions, clarifications, or other proposed modifications in its bid. Exceptions to, clarifications of, or modifications of a requirement or term and condition of the Solicitation may result in bid disqualification.

8. REGISTRATION: Prior to Contract award, the apparent successful Vendor must be properly registered with the West Virginia Purchasing Division and must have paid the \$125 fee, or the fee then assessed by said Division, if applicable.

9. UNIT PRICE: Unit prices shall prevail in cases of a discrepancy in the Vendor's bid.

10. PREFERENCE: Vendor Preference may only be granted upon written request and only in accordance with the West Virginia Code § 5A-3-37 and the West Virginia Code of State Rules. A Vendor Preference Certificate form has been attached hereto to allow Vendor to apply for the preference. Vendor's failure to submit the Vendor Preference Certificate form with its bid will result in denial of Vendor Preference.

11. SMALL, WOMEN-OWNED, OR MINORITY-OWNED BUSINESSES: For any solicitations publicly advertised for bid, in accordance with West Virginia Code §5A-3-37(a)(7) and W. Va. CSR § 148-22-9, any non-resident vendor certified as a small, women-owned, or minority-owned business under W. Va. CSR § 148-22-9 shall be provided the same preference made available to any resident vendor. Any non-resident small, women-owned, or minority-owned business must identify itself as such in writing, must submit that writing to the Purchasing Division with its bid, and must be properly certified under W. Va. CSR § 148-22-9 prior to contract award to receive the preferences made available to resident vendors. Preference for a non-resident small, women-owned, or minority owned business shall be applied in accordance with W. Va. CSR § 148-22-9.

12. ELECTRONIC FILE ACCESS RESTRICTIONS: Vendor must ensure that its submission in the West Virginia Vendor Self Service Portal website can be accessed by the Agency staff immediately upon bid opening. The Agency will consider any file that cannot be immediately opened and/or viewed at the time of the bid opening (such as, encrypted files, password protected files, or incompatible files) to be blank or incomplete as context requires, and therefore

unacceptable. A vendor will not be permitted to unencrypt files, remove password protections, or resubmit documents after bid opening if those documents are required with the bid.

13. NON-RESPONSIBLE: The Agency reserves the right to reject the bid of any vendor when the Agency determines that the vendor submitting the bid does not have the capability to fully perform or lacks the integrity and reliability to assure good-faith performance. A determination of non-responsibility will only extend to the contract for which the vendor has submitted a bid and does not operate as a bar against submitting future bids.

14. ACCEPTANCE/REJECTION: The Agency may accept or reject any bid in whole, or in part when the Agency determines it is in the best interest of the State.

15. TIE BIDS: When tie bids are received and the Agency intends to award the work to only one vendor, the Agency shall break the tie by allowing the tied vendors to make a final offer, flip of a coin, draw of the cards, or any other impartial method considered prudent by the Agency. If tie bids are received and the Agency intends to award the bid to multiple vendors, the Agency may award the bid to the number of the tied bidders as Agency deems necessary using the procedure set forth in this section to establish the number of tied bidders which will be awarded the bid.

16. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., 5G-1-1 et seq. and the Freedom of Information Act in West Virginia Code §§ 29B-1-1 et seq. Submission of any bid, proposal, or other document to the Agency constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. Labeling any document "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents will not protect that document from public disclosure. All submissions are subject to public disclosure without notice.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

GENERAL TERMS AND CONDITIONS:

1. CONTRACTUAL AGREEMENT: Issuance of an Award Document signed by the Agency and approved as to form by legal counsel for the Agency, if required, constitutes acceptance of this Contract made by and between the Agency and the Vendor. Vendor's signature on its bid signifies Vendor's agreement to be bound by and accept the terms and conditions contained in this Contract.

2. DEFINITIONS: As used in this Solicitation/Contract, the following terms shall have the meanings attributed to them below. Additional definitions may be found in the specifications included with this Solicitation/Contract.

2.1. "Agency" means the West Virginia Department of Transportation, Division of Highways. This Contract is entered into by the Agency pursuant to the provisions of West Virginia Code § 17-4-19 and §17-2A-8.

2.2. "Bid" or "Proposal" means the vendors submitted response to this solicitation.

2.3. "Contract" means the binding agreement that is entered into between the Agency and the Vendor to provide the goods or services requested in the Solicitation. The Contract shall be comprised of the (i) Solicitation and any other document required by the Solicitation (ii) Bid or Proposal (iii) Award Document and (iv) General Terms and Conditions; Instruction to Vendors Submitting Bids, collectively referred to as the "Contract Documents".

2.4. "Award Document" means the document signed by the Agency and approved as to form by legal counsel for the agency, that identifies the Vendor as the contract holder.

2.5. "Solicitation" means the official notice of an opportunity to supply the Agency with goods or services.

2.6. "State" means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.

2.7. "Vendor" or "Vendors" means any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract as context requires.

3. CONTRACT TERM; RENEWAL; EXTENSION: The term of this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below:

Term Contract

Initial Contract Term: This Contract becomes effective on award _____ and extends for a period of one _____ year(s).

Renewal Term: This Contract may be renewed upon the mutual written consent of the Agency, and the Vendor. Any request for renewal should be submitted in writing to the Agency thirty (30) days prior to the expiration date of the initial contract term or appropriate renewal term. A Contract renewal shall be in accordance with the terms and conditions of the original contract. Renewal of this Contract is limited to three successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed 36 months in total. Automatic renewal of this Contract is prohibited.

Delivery Order Limitations: In the event that this contract permits delivery orders, a delivery order may only be issued during the time this Contract is in effect. Any delivery order issued prior to the expiration of this Contract shall be effective for no more than one year from the date the delivery order is issued. No delivery order may be extended beyond one year after this Contract has expired.

Fixed Period Contract: This Contract becomes effective upon Vendor's receipt of the notice to proceed and must be completed within _____ days.

Fixed Period Contract with Renewals: This Contract becomes effective upon Vendor's receipt of the notice to proceed and that part of the Contract more fully described in the attached specifications must be completed within _____ days. Upon completion, the vendor agrees that maintenance, monitoring, or warranty services will be provided for _____ successive one-year periods or multiple periods of less than one year provided that the multiple renewal periods do not exceed _____ months in total.

One Time Purchase: The term of this Contract shall run from the issuance of the Award Document until all goods contracted for have been delivered, but in no event will this Contract extend for more than one calendar year.

Other: See attached.

4. NOTICE TO PROCEED: Vendor shall begin performance of this Contract immediately upon receiving notice to proceed unless otherwise instructed by the Agency. Unless otherwise specified, the fully executed Award Document will be considered notice to proceed.

5. QUANTITIES: The quantities required under this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below.

Open End Contract: Quantities listed in this Solicitation are approximations only, based on estimates supplied by the Agency. It is understood and agreed that the Contract shall cover the quantities actually ordered for delivery during the term of the Contract, whether more or less than the quantities shown.

Service: The scope of the service to be provided will be more clearly defined in the specifications included herewith.

Combined Service and Goods: The scope of the service and deliverable goods to be provided will be more clearly defined in the specifications included herewith.

One Time Purchase: This Contract is for the purchase of a set quantity of goods that are identified in the specifications included herewith. Once those items have been delivered, no additional goods may be procured under this Contract without an appropriate change order approved by the Vendor and Agency.

6. PRICING: The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the Agency. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the Agency in the Solicitation to do so, may result in bid disqualification.

7. EMERGENCY PURCHASES: The Agency may purchase goods or services in the open market that Vendor would otherwise provide under this Contract if those goods or services are for immediate or expedited delivery in an emergency and Vendor is unable to provide those goods and services on an immediate or expedited basis in the sole judgment of Agency. Emergencies shall include, but are not limited to, delays in transportation or an unanticipated increase in the volume of work. An emergency purchase in the open market, by the Agency, shall not constitute of breach of this Contract and shall not entitle the Vendor to injunctive relief or to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One Time Purchase contract.

8. REQUIRED DOCUMENTS: All items checked below must be provided to the Agency by the Vendor as specified below.

BID BOND: All Vendors shall furnish a bid bond in the amount of five percent (5%) of the total amount of the bid protecting the State of West Virginia. The bid bond must be submitted with the bid.

PERFORMANCE BOND: The apparent successful Vendor shall provide a performance bond in the amount of _____. The performance bond must be received by the Agency prior to Contract award.

LABOR/MATERIAL PAYMENT BOND: The apparent successful Vendor shall provide a labor/material payment bond in the amount of 100% of the Contract value. The labor/material payment bond must be delivered to the Agency prior to Contract award.

In lieu of the Bid Bond, Performance Bond, and Labor/Material Payment Bond, the Vendor may provide certified checks, cashier's checks, or irrevocable letters of credit. Any certified check, cashier's check, or irrevocable letter of credit provided in lieu of a bond must be of the same amount and delivered on the same schedule as the bond it replaces. A letter of credit submitted in lieu of a performance and labor/material payment bond will only be allowed for projects under \$100,000. Personal or business checks are not acceptable.

MAINTENANCE BOND: The apparent successful Vendor shall provide a two (2) year maintenance bond covering the roofing system. The maintenance bond must be issued and delivered to the Agency prior to Contract award.

INSURANCE: The apparent successful Vendor shall furnish proof of the following insurance prior to Contract award and shall list the State as a certificate holder:

Commercial General Liability Insurance: In the amount of \$1,000,000.00 _____ or more.

Builders Risk Insurance: In an amount equal to 100% of the amount of the Contract.

-
-
-
-
-

The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether or not that insurance requirement is listed above.

LICENSE(S) / CERTIFICATIONS / PERMITS: In addition to anything required under the Section entitled Licensing, of the General Terms and Conditions, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits prior to Contract award, award, in a form acceptable to the Agency.

- WEST VIRGINIA CONTRACTOR'S LICENSE
- -
 -
 -

The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications prior to Contract award regardless of whether or not that requirement is listed above.

9. WORKERS' COMPENSATION INSURANCE: The apparent successful Vendor shall comply with laws relating to worker's compensation, shall maintain worker's compensation insurance when required, and shall furnish proof of workers' compensation insurance upon request.

10. LIQUIDATED DAMAGES: Vendor shall pay liquidated damages in the amount of _____ for _____. This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy.

11. ACCEPTANCE: Vendor's signature on its bid, or on the certification and signature page, constitutes an offer to the Agency that cannot be unilaterally withdrawn, signifies that the product or service proposed by vendor meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise indicated, and signifies acceptance of the terms and conditions contained in the Solicitation unless otherwise indicated.

12. FUNDING: This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available.

13. PAYMENT: Payment in advance is prohibited under this Contract. Payment may only be made after the delivery and acceptance of goods or services. The Vendor shall submit invoices in arrears.

14. TAXES: The Vendor shall pay any applicable sales, use, personal property or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.

15. CANCELLATION: The Agency reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Agency may also cancel any purchase or this contract for any reason or no reason upon 30 days written notice to the Vendor.

16. TIME: Time is of the essence with regard to all matters of time and performance in this Contract.

17. APPLICABLE LAW: This Contract is governed by and interpreted under West Virginia law without giving effect to its choice of law principles. Any information provided in specification manuals, or any other source, verbal or written, which contradicts or violates the West Virginia Constitution, West Virginia Code or West Virginia Code of State Rules is void and of no effect.

18. COMPLIANCE: Vendor shall comply with all applicable federal, state, and local laws, regulations and ordinances. By submitting a bid, Vendor acknowledges that it has reviewed, understands, and will comply with all applicable laws, regulations, and ordinances.

19. PREVAILING WAGE: To the extent required by applicable law, Vendor shall be responsible for ensuring compliance with prevailing wage requirements and determining when prevailing wage requirements are applicable.

20. ARBITRATION: Any references made to arbitration contained in this Contract, Vendor's bid, or in any American Institute of Architects documents pertaining to this Contract are hereby deleted, void, and of no effect.

21. MODIFICATIONS: This writing is the parties' final expression of intent. Notwithstanding anything contained in this Contract to the contrary, no modification of this Contract shall be binding without mutual written consent of the Agency and the Vendor.

22. WAIVER: The failure of either party to insist upon a strict performance of any of the terms or provision of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or

remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.

23. SUBSEQUENT FORMS: The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.

24. ASSIGNMENT: Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency and any other government agency or office that may be required to approve such assignments.

25. WARRANTY: The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from defect in material and workmanship.

26. STATE EMPLOYEES: State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.

27. BANKRUPTCY: In the event the Vendor files for bankruptcy protection, the Agency may deem this Contract null and void, and terminate this Contract without notice.

28. PRIVACY, SECURITY, AND CONFIDENTIALITY: The Vendor agrees that it will not disclose to anyone, directly or indirectly, any personally identifiable information or other confidential information gained from the Agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the Agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in:

<http://www.transportation.wv.gov/Documents/WVDOT-Privacy-Notice.pdf>.

29. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq. Submission of any bid, proposal, or other document to the Agency constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. Labeling any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents will not protect that document from public disclosure. All submissions are subject to public disclosure without notice.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

30. LICENSING: Vendor must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agency or political subdivision. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Agency to verify that the Vendor is licensed and in good standing with the above entities.

31. ANTITRUST: In submitting a bid to, signing a contract with, or accepting an Award Document from Agency, the Vendor agrees to convey, sell, assign, or transfer to the State of West Virginia all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to Vendor.

32. VENDOR CERTIFICATIONS: By signing its bid or entering into this Contract, Vendor certifies (1) that its bid or offer was made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, person or entity submitting a bid or offer for the same material, supplies, equipment or services; (2) that its bid or offer is in all respects fair and without collusion or fraud; (3) that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; and (4) that it has reviewed this Solicitation in its entirety; understands the requirements, terms and conditions, and other information contained herein. Vendor's signature on its bid or offer also affirms that neither it nor its representatives have any interest, nor shall acquire any interest, direct or indirect, which would compromise the performance of its services hereunder. Any such interests shall be promptly presented in detail to the Agency. The individual signing this bid or offer on behalf of Vendor certifies that he or she is authorized by the Vendor to execute this bid or offer or any documents related thereto on Vendor's behalf; that he or she is authorized to bind the Vendor in a contractual relationship; and that, to the best of his or her knowledge, the Vendor has properly registered with any State agency that may require registration.

33. PURCHASING CARD ACCEPTANCE: The State of West Virginia currently utilizes an Electronic Funds Transfer (EFT) as well as a Purchasing Card program, administered under contract by a banking institution, to process payment for goods and services. The Vendor must accept the State of West Virginia's Purchasing Card for payment of all orders under this Contract unless the box below is checked.

Vendor is not required to accept the State of West Virginia's Purchasing Card as payment for all goods and services.

34. VENDOR RELATIONSHIP: The relationship of the Vendor to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by this Contract. The Vendor as an independent contractor is solely liable for the acts and omissions of its employees and agents. Vendor shall be responsible for selecting, supervising, and compensating any and all individuals employed pursuant to the terms of this Solicitation and resulting contract. Neither the Vendor, nor any employees or subcontractors of the

Vendor, shall be deemed to be employees of the State for any purpose whatsoever. Vendor shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension, or other deferred compensation plans, including but not limited to, Workers' Compensation and Social Security obligations, licensing fees, etc. and the filing of all necessary documents, forms, and returns pertinent to all of the foregoing. Vendor shall hold harmless the State and shall provide the State and Agency with a defense against any and all claims including, but not limited to, the foregoing payments, withholdings, contributions, taxes, Social Security taxes, and employer income tax returns.

35. INDEMNIFICATION: To the fullest extent permitted by law, the Vendor agrees to defend, indemnify, and hold harmless the Agency, its officers, agents and employees from and against all suits, claims, damages, liability, losses, and expenses, including but not limited to attorney's fees and costs of investigations, arising out of, pertaining to or resulting from the performance of work for the above identified Project, including all claims, damages, losses or expenses which are attributable to bodily injury, sickness, disease or death, or to damage to or destruction of property, whether caused either wholly or in part by the negligence, actions or omissions of the Vendor, a Subcontractor or anyone directly or indirectly employed by the Vendor or Subcontractor or for anyone whose acts the Vendor or Subcontractor may be liable, except for any liability or damages due to the willful or intentional unlawful acts or the sole negligence of the Agency or its employees.

36. PURCHASING AFFIDAVIT: In accordance with West Virginia Code § 5A-3-10a, all Vendors are required to sign, notarize, and submit the Purchasing Affidavit stating that neither the Vendor nor a related party owe a debt to the State in excess of \$1,000. The affidavit must be submitted prior to the award, but should be submitted with the Vendor's bid. A copy of the Purchasing Affidavit is included herewith.

37. CONFLICT OF INTEREST: Vendor, its officers or members or employees, shall not presently have or acquire an interest, direct or indirect, which would conflict with or compromise the performance of its obligations hereunder. Vendor shall periodically inquire of its officers, members and employees to ensure that a conflict of interest does not arise. Any conflict of interest discovered shall be promptly presented in detail to the Agency.

38. REPORTS: Vendor shall provide the Agency with the following reports identified by a checked box below:

Such reports as the Agency may request. Requested reports may include, but are not limited to, quantities purchased, agencies utilizing the contract, total contract expenditures by agency, etc.

Quarterly reports detailing the total quantity of purchases in units and dollars, along with a listing of purchases by agency. Quarterly reports should be delivered to the Agency via email to the Agency representative specified by Agency.

39. BACKGROUND CHECK: In accordance with W. Va. Code § 15-2D-3, the Director of the Division of Protective Services shall require any service provider whose employees are regularly

employed on the grounds or in the buildings of the Capitol complex or who have access to sensitive or critical information to submit to a fingerprint-based state and federal background inquiry through the state repository. The service provider is responsible for any costs associated with the fingerprint-based state and federal background inquiry. After the contract for such services has been approved, but before any such employees are permitted to be on the grounds or in the buildings of the Capitol complex or have access to sensitive or critical information, the service provider shall submit a list of all persons who will be physically present and working at the Capitol complex to the Director of the Division of Protective Services for purposes of verifying compliance with this provision. The State reserves the right to prohibit a service provider's employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check. Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

40. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS: Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:

- a. "State Contract Project" means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001.
- b. "Steel Products" means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open hearth, basic oxygen, electric furnace, Bessemer or other steel making process. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
- c. The cost for each contract item used does not exceed one tenth of one percent (.1%) of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater. For the purposes of this section, the cost is the value of the steel product as delivered to the project; or
- d. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

41. PREFERENCE FOR USE OF DOMESTIC ALUMINUM, GLASS, AND STEEL: In Accordance with W. Va. Code § 5-19-1 et seq., and W. Va. CSR § 148-10-1 et seq., for every contract or subcontract, subject to the limitations contained herein, for the construction, reconstruction, alteration, repair, improvement or maintenance of public works or for the purchase of any item of machinery or equipment to be used at sites of public works, only domestic aluminum, glass or steel products shall be supplied unless the spending officer determines, in writing, after the receipt of offers or bids, (1) that the cost of domestic aluminum, glass or steel products is unreasonable or inconsistent with the public interest of the State of West Virginia, (2)

that domestic aluminum, glass or steel products are not produced in sufficient quantities to meet the contract requirements, or (3) the available domestic aluminum, glass, or steel do not meet the contract specifications. This provision only applies to public works contracts awarded in an amount more than fifty thousand dollars (\$50,000) or public works contracts that require more than ten thousand pounds of steel products.

The cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than twenty percent (20%) of the bid or offered price for foreign made aluminum, glass, or steel products. If the domestic aluminum, glass or steel products to be supplied or produced in a "substantial labor surplus area", as defined by the United States Department of Labor, the cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than thirty percent (30%) of the bid or offered price for foreign made aluminum, glass, or steel products. This preference shall be applied to an item of machinery or equipment, as indicated above, when the item is a single unit of equipment or machinery manufactured primarily of aluminum, glass or steel, is part of a public works contract and has the sole purpose or of being a permanent part of a single public works project. This provision does not apply to equipment or machinery purchased by a spending unit for use by that spending unit and not as part of a single public works project.

All bids and offers including domestic aluminum, glass or steel products that exceed bid or offer prices including foreign aluminum, glass or steel products after application of the preferences provided in this provision may be reduced to a price equal to or lower than the lowest bid or offer price for foreign aluminum, glass or steel products plus the applicable preference. If the reduced bid or offer prices are made in writing and supersede the prior bid or offer prices, all bids or offers, including the reduced bid or offer prices, will be reevaluated in accordance with this rule.

42. It is hereby expressly covenanted, agreed and understood by and between the parties hereto, that the Vendor will immediately make payment and refund to the Agency for any and all overpayments made by said Agency to the Vendor on any estimate or estimates, advances ,if applicable ,or partial payments made on this Contract. Agency is given the right and authority to withhold any and all funds in its possession, belonging to, owed by, or which may be owed by it to the Vendor on any agreement or from any other source for the recovery of any overpayment made in connection with this contract. It is further expressly agreed that the statute of limitations will not commence to run against the Agency for such overpayments until the same is discovered and made known to the Agency.

43. In the event of conflicts or discrepancies among the Contract Documents, interpretations will be based on the following priorities in the order listed below with the highest priority being subsection a:

- a. General Terms and Conditions; Instructions to Vendors Submitting Bids,
- b. Solicitation and any documents required by the Solicitation,
- c. Bid or Proposal,
- d. Award Document.

CERTIFICATION AND SIGNATURE PAGE

By signing below, or submitting documentation through the West Virginia Vendor Self Service Portal website, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Russell Standard Corporation

(Full Company Name)



(Authorized Signature)

Mike Rowe, Director of Pavement Preservation

(Print or Type Name and Title
of Signatory)

724-625-1505

(Phone Number)

724-625-1760

(Fax Number)

mike.rowe@russellstandard.com

(Email address)



(Date)

**Form pre-approved by DOH legal division on July 12, 2016.
Attorney signature not required.**

ADDENDUM ACKNOWLEDGEMENT FORM

SOLICITATION NO.: ARFQ DOT2100000027

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification. Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:
(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input checked="" type="checkbox"/> Addendum No. 6 |
| <input checked="" type="checkbox"/> Addendum No. 2 | <input checked="" type="checkbox"/> Addendum No. 7 |
| <input checked="" type="checkbox"/> Addendum No. 3 | <input checked="" type="checkbox"/> Addendum No. 8 |
| <input checked="" type="checkbox"/> Addendum No. 4 | <input checked="" type="checkbox"/> Addendum No. 9 |
| <input checked="" type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

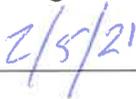
I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Russell Standard Corporation

Company



Authorized Signature



Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

AGENCY SOLICITATION NUMBER-ARFQ DOT2100000024
Addendum Number: 1

The Purpose of this addendum is to modify the solicitation identified as ("Agency Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specification of product or service being sought
- Attachment of pre-bid sign-in sheet
- Attachment of vendor questions and responses
- Correction of error
- Other

Description of Modification to Solicitation:

To cancel the ARFQ in its entirety and rebid.

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provision of the Agency Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Agency Solicitation by completing an Addendum Acknowledgement, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

REQUEST FOR QUOTATION
**Asphalt Preservation and Pavement Markings
Materials, Equipment and Labor by Vendor**

SPECIFICATIONS

1. **PURPOSE AND SCOPE:** The West Virginia Division of Highways is soliciting bids to establish an open-end contract for Asphalt Preservation and Pavement Markings for work on asphalt preventive maintenance and repair projects throughout the State of West Virginia which shall include materials, delivery, equipment and labor by the Vendor.

2. **DEFINITIONS:** The terms listed shall have the meanings assigned to them below. Additional definitions can be found in Section 2 of the General Terms and Conditions.
 - 2.1 **“Contract Item” or “Contract Items”** means the list of items identified in Section 3.2 below and on the Pricing Pages.
 - 2.2 **“Contractor” or “Vendor”** is an enterprise that contributes goods or services. Contractor or Vendor used in this Solicitation are interchangeable.
 - 2.3 **“JMF”** means Job Mix Formula.
 - 2.4 **ASTM** is an international standards organization that develops and publishes voluntary consensus technical standards for a wide range of materials, products, systems, and services. <https://www.astm.org/>
 - 2.5 **“Asphalt Preservation”** means the application of specific asphalt emulsions, aggregates and other materials which are applied to the surface of existing highways and roads to prolong the lifespan of the asphalt pavements.
 - 2.6 **“APL” or “Approved Source”** means Approved Product List/Source. The WVDOH Materials Control, Soils and Testing Division (MCS&T) creates and maintains a list of certified manufacturers that meet acceptable level of quality. These lists are updated periodically (amended), and it is the Vendors responsibility to refer to the current lists. The most current APL/Sources are located at:
https://transportation.wv.gov/highways/mcst/Pages/APL_By_Number.aspx.
 - 2.7 **“Pricing Pages”** means the schedule of prices and totals contained in wvOASIS or attached hereto as **Attachment A (ATT A)** and used to evaluate the Solicitation responses.
 - 2.8 **“RPM”** means Raised Pavement Markers, which is a device attached to the road and used as a positioning guide for drivers.
 - 2.9 **“Solicitation”** means the official notice of an opportunity to supply the State with goods or services.

REQUEST FOR QUOTATION
**Asphalt Preservation and Pavement Markings
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- 2.10 “Standard Specs” means the West Virginia Department of Transportation, Division of Highways Standard Specifications, Roads and Bridges, adopted latest Standard Specs edition, including any Supplementals.
- 2.11 “SAMI” means Stress Absorbing Membrane Interlayer seal.
- 2.12 “HAM” means Hot-Applied Asphalt Mastic treatment.
- 2.13 “MUTCD” means the Manual on Uniform Traffic Control Devices.
- 2.14 “WVDOH” means the West Virginia Division of Highways.

3. GENERAL REQUIREMENTS:

- 3.1 The following sections of the Standard Specs shall apply, but are not be limited, to the administration of this contract: Sections 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, as amended.

Materials and equipment used in performance of this contract shall conform, but are not limited to, the requirements of Sections 401, 405, 407, 408, 420, 636, 663, 702, 703, 705 and 715, as amended.

A hard copy of the current Standard Specs may be purchased at a cost of \$20.00 (\$15.00 for the 2017 book plus \$5.00 for the Supplemental Latest Edition) using the **Attachment B (ATT B)** Standard Specifications Order Form. The completed form should be submitted by email to DOTSpecifications@wv.gov or mailed to:

West Virginia Division of Highways
Contract Administration
Building 5, Room 840
1900 Kanawha Boulevard, East
Charleston, West Virginia 25305

A free electronic copy of the Standard Specs and Supplemental Latest Edition may be obtained by sourcing:

<http://transportation.wv.gov/highways/contractadmin/specifications/Pages/default.aspx>

- 3.2 **Contract Items and Mandatory Requirements:** Vendors shall provide Agency with Contract Items on an open-end and continuing basis. Contract Items must meet or exceed the mandatory requirements as shown below.

While the Contract Items reference the subject WVDOH Standard Specification, all other relevant sections of the Standard Specs still apply. Where any conflict may exist

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between this solicitation and the WVDOH Standard Specs, the WVDOH Standard Specs shall take precedence.

NOTE: It is the Vendor's responsibility to provide traffic control while performing their services, and during the curing period if necessary. Traffic control services will be incidental to the service being performed and shall not be charged separately. Vendor shall include any traffic control related expenses into their bid price.

3.2.1 Pre-Paving Meeting

The Vendors for Asphalt Preservation applications shall attend an on-site pre-paving meeting with the WVDOH District Engineer before beginning an asphalt preservation project to review and discuss the following:

- Detailed work schedule
- Traffic control plan
- Calibration of equipment
- JMF previously submitted to the WVDOH District Engineer
- Equipment inspection, including transport units

The pre-paving meeting shall be incidental and included in the cost of Mobilization.

3.2.2 Test Strips: The Vendor shall utilize test strips to demonstrate the mixing of materials and placement procedures of each mixing machine to be used on a project. Test strip shall be performed at the beginning of the first day of production and on the roadway to be treated. The completed test strip (minimum 500 feet length) shall be reviewed to detect and correct any variances in surface texture, material ratio(s) and finished surface appearance. Additionally, the test strip will be used to establish the target job application rate.

3.2.3 Materials and Equipment: All Materials and Equipment used for Asphalt Preservation shall meet or exceed the Standard Specs for the corresponding asphalt preservation method. Where an Approved Product List (APL) or Approved Source requirement exists within this contract or within the Standard Specs, it is the Vendors responsibility to ensure that approved sources are utilized. The APL's and Approved Sources which have been provided as attachments to this contract are subject to periodic updated. The most current APL and Approved Sources, as amended, can be reviewed at:
https://transportation.wv.gov/highways/mcst/Pages/APL_By_Number.aspx.

3.2.4 Safety: In addition to the Vendor's established safety protocols and the WVDOH's established safety protocols outlined in the Standard Specs, the Vendor and the Vendor's staff shall adhere to all WVDOH's pandemic-response protocols while present at the WVDOH jobsite. Vendors may obtain

REQUEST FOR QUOTATION
**Asphalt Preservation and Pavement Markings
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the WVDOH pandemic-response protocols by contacting the WVDOH District Engineer.

3.2.5 Maintaining Traffic: While undergoing improvement, the project site shall be kept open to traffic in such condition that both local and through traffic will be adequately and safely accommodated. All improvement operations shall be scheduled to keep traffic delays to a minimum.

A. Surface Protection: Do not allow traffic on the mixture until it has cured sufficiently to prevent pickup by vehicle tires. The new surface must be able to carry normal traffic without damage within one hour of application. Protect the new surface from damage at intersections and driveways. Repair all damage to the mixture caused by traffic. All costs associated with this repair work will be borne by the Contractor.

B. Traffic Control: Traffic Control services, including Pilot Truck and Driver, Traffic Control Devices, Flaggers, and/or Arrow Boards, etc., are the responsibility of the Vendor and shall be provided in accordance with Standard Specs Section 636, and the *Manual on Temporary Traffic Control for Streets and Highways, 2006 Edition*, or as directed by the Engineer.

3.2.6 Surface Preparation

No Asphalt Preservation application shall be performed until breaks, holes, depressions, and other irregularities in the base or existing surface have been repaired, sealed, and cured sufficiently. The WVDOH will ensure that potholes and irregularities have been corrected prior to the start of scheduled Asphalt Preservation application.

Asphalt Preservation Vendors must ensure that the roadway is cleaned and appropriately prepared prior to the start of work, as required by the Standard Specs. Surface preparation shall be included in the bid price for each Asphalt Preservation Contract Item, except for the Contract Items listed below, which shall be bid individually.

- A. Eradication of Pavement Markings, Contract Item L:** Pavement Markings shall be removed as required in the WVDOH Standard Specs, Section 405, 420, and 636, except when the project plans indicate an alternative.
- B. Crack Sealing, 1” or Less, Contract Item K:** Crack Sealing for cracks requiring repair which measure 1” or less shall consist of cleaning and filling voids in asphalt or in concrete pavement in accordance with requirements established in Attachment C (ATT C)

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Project Specific Special Provision Section **403**, *Crack Sealing in Asphalt* . Crack Sealing shall be bid by the linear foot.

- C. Hot-Applied Asphalt Mastic (HAM) Treatment, Contract Item E:** Cracks measuring larger than 1” shall require cleaning and the use of Hot-Applied Asphalt Mastic (HAM) Treatment. HAM Treatment must be applied in accordance with requirements established in **Attachment D (ATT D)** - Project Specific Special Provision Section **403** *Hot-Applied Asphalt Mastic (HAM) Treatment*. Reference **Attachment E (ATT E)**, APL Products for Highway Maintenance. HAM Treatment shall be bid by the square yard.

3.2.7 Asphalt Preservation Applications

Reference **Attachment F (ATT F)**, Approved A-1 Aggregate Sources, as amended, for all Asphalt Preservation Applications which utilize aggregates. Aggregate sources must be provided on the Pricing Pages, **Attachment A (ATT A)**, in the Aggregate Hauling Surcharge Per County section, **Contract Item Q**.

Reference **Attachment G (ATT G)**, Certified Bituminous Material, as amended, for all Asphalt Preservation Applications which utilize emulsions or binders. Emulsion and Binder sources must be provided on the Pricing Pages, **Attachment A (ATT A)**, in the applicable Asphalt Preservation Application section.

- A. Chip Seal, Contract Item A:** Vendor shall provide all materials, equipment, and labor for Chip Seal application in accordance with all requirements established in the WVDOH Standard Specs, Section **405**. Chip Seal shall be bid by the square yard.

Cationic emulsified asphalt shall conform to the requirements of AASHTO M 208 per WVDOH Standard Specs, Section **705.11**

Anionic emulsified asphalts shall conform to the requirements of AASHTO M 140, per WVDOH Standard Specs, Section **705.4**.

Polymer-modified cationic emulsified asphalt shall conform to the requirements of AASHTO M 316, Per WVDOH Standard Specs Section **705.12**. A surcharge can be added for supplying Polymer Modified Cationic Emulsified Asphalt if requested on the Delivery Order.

- B. Fog Seal, Contract Item B:** Vendor shall provide all materials, equipment, and labor for Fog Seal application in accordance with all

REQUEST FOR QUOTATION
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requirements established in the WVDOH Standard Specs Sections 405 and 407. Fog Seal shall be bid by the square yard.

- C. **Tack Coat, Contract Item C:** Vendor shall provide all materials, equipment, and labor for Tack Coat application in accordance with all requirements established in the WVDOH Standard Specs, Sections 408 and 420. Tack Coat shall be bid by the square yard.
- D. **Stress Absorbing Membrane Interlayer (SAMI), Contract Item D:** Vendor shall provide material, equipment, and labor for placing SAMI seal as an **interlayer** between existing distressed pavements and a surface course of asphalt to reduce reflective cracking. When applied, SAMI should be provided by the Vendor providing the surface course of asphalt preservation, for which SAMI shall serve as an interlayer. SAMI Seal must be applied in accordance with requirements established in **Attachment H (ATT H) - Project Specific Special Provision Section 407 Asphalt Stress Absorbing Membrane Interlayer Fiber Sami Seal**. SAMI seal shall be bid by the square yard.
- E. **Asphalt Emulsion Slurry Seal Coat, Contract Item F:** Vendor shall provide all materials, equipment, and labor for application of Asphalt Emulsion Slurry Seal Coat in accordance with requirements established in **Attachment I (ATT I) Project Specific Special Provision 4 Section 425 Asphalt Emulsion Slurry Seal Coat**. Asphalt Emulsion Slurry Seal Coat shall be bid by the square yard.
- F. **Micro Surface – Types 2FA & 3FA, Contract Item G:** Vendor shall provide all materials, equipment, and labor for Micro Surface application in accordance with requirements established in the standards referenced in WVDOH Standard Specs, Section 420. Micro Surface, Single and Multiple Course, shall be bid by the square yard.
- G. **Micro Surface Rut Fill, Contract Item H:** Vendor shall provide all materials, equipment, and labor for Rut Fill application in accordance with all requirements established in the WVDOH Standards referenced in WVDOH Standard Specs Section 420 and shall be bid by the ton.

3.2.8 Pavement Markings

Upon completion of the Asphalt Preservation Application, pavement markings shall be installed at their original locations, except when the project plans indicate an alternative. Permanent painted line striping is not a Contract Item within this contract. For the removal of pavement markings, reference Section 3.2.5.A **Eradication of Pavement Markings**.

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Asphalt Preservation and Pavement Markings
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- A. Temporary Pavement Markings, Contract Item M:** Temporary Pavement Markings and Temporary Raised Pavement Markers shall be installed in accordance with WVDOH Standard Specs, Sections **636** and **663**. Temporary Pavement Markings Type VII-A, VII-B, and VII-C must be from an APL source, **Attachment J (ATT J)**.

Temporary Pavement Markings shall be bid by the linear foot

Temporary Raised Pavement Markers (RPM) shall be bid by each RPM installed.

B. Permanent Pavement Markings

- **Type V Pre-Formed Pavement Markings, Installed, Contract Item N:** Type V Pre-Formed Pavement Markings must be installed in accordance with WVDOH Standard Specs Sections **420**, **663** and **715**. All Type V Pre-Formed Pavement Markings must be produced by a certified manufacturer listed on the WVDOH Approved Product List (APL), as amended, **Attachment K (ATT K)**, **Type V Pavement Markings**.
- **Raised Pavement Markers (RPM), Installed, Contract Item O:** RPM's must be stored and installed in accordance with Standard Specs Section **420**, **663** and **715**. RPM's shall be bid by each marker installed.

Reference **Exhibit 1 (EXH 1)** for additional RPM Type P and Type R details.

- All **Type P-2** RPM's must be produced by a certified manufacturer listed on the APL, as amended, **Type P-2 Raised Pavement Markers, Attachment L (ATT L)**.
- **Type R-4** RPM's must meet all ASTM D4280 standards addressed in Standard Spec Section **715.40.6.2**.

3.2.9 Surface Quality & Quality Control: The finished pavement surface and work shall meet all quality standards established in the Standard Specs for application. If the finished surface or work does not meet the quality standards established in the Standard Specs, work must stop immediately. The appropriate corrective action must be determined and then reviewed with the Engineer before resuming production.

3.2.10 Weather and Seasonal Limitations: Acceptable Air and pavement temperatures, rain and inclement weather restrictions and seasonal limitations

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can vary for each Asphalt Preservation method. Vendor must adhere to requirements established in the Standard Specs for the Asphalt Preservations method being applied. If weather restrictions or limitations are not available within the Standard Specs for the Asphalt Preservation application, the manufacturers recommended guidelines shall be followed with the prior approval of the WVDOH District Engineer.

3.2.11 Surcharges

A. Aggregate Hauling Surcharge per County, Contract Item Q: The Vendor shall provide a per ton cost for Aggregate Hauling per County bid. This Contract Item is to fairly compensate the Vendors for hauling aggregate from Vendors storage site to a project site. The intent is for Vendors to determine the sources of aggregate for each county and to determine their cost to transport that aggregate to any location within the County being bid. The Vendor may use any distance in that calculation, but it is anticipated that an average distance from the aggregate source to a project site will be used. The WVDOH shall use the following formula when calculating the hauling surcharge, converting the per square yard of Chip Seal to tons of aggregate required for single, double, and triple course treatments:

$$\text{Item A} \times 0.01 + \text{Item B} \times 0.0225 + \text{Item C} \times 0.040 = \text{ton}$$

3.2.11 Mobilization, Contract Items P: Mobilization will be requested when the Vendor is required to move his equipment from Vendor's Storage Site, to the WVDOH project site. Pricing for mobilization shall be bid per mile and will be calculated based on the Vendors Storage Location provided on Attachment A (ATT A). Mobilization bid in any form other than cost per mile will be grounds to disqualify the Vendor's bid. Vendor shall bid the cost of mobilization for the first mile and the cost for any additional miles after the first mile. Mobilization fees shall be calculated and paid one-way only by the WVDOH from the Vendor's Equipment Storage Location to the WVDOH project site. When the Vendor has multiple projects or the equipment is traveling from WVDOH location or project to project, additional miles only will be paid from project to project or from the Vendor's Equipment Storage Location to the project, whichever is less mileage. The WVDOH will provide the location of the project site to the Vendor on a Delivery Order. **Contract Items P** is located within the Pricing Pages below each Contract Item allowing Mobilization.

The WVDOH shall source the WV Straight Line Diagrams for WV Primary Routes and WV Secondary Routes for the route from the Vendor's Equipment Storage Location to the WVDOH project site. The Diagrams are available in each WVDOH District Office and the WVDOH Central Office. WVDOH will

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determine the route to be taken due to bridge and/or road restrictions which shall have acceptable load limits for both roads and bridges.

Out-of-state delivery route mileage will be calculated by the WVDOH, the shortest route, by utilizing "Google Earth" or a similar source for routing from the Vendor's Equipment Storage Location to the WV State line at which time, the Diagrams will be sourced to the WVDOH project site.

4. PRICE ADJUSTMENTS:

- 4.1 Price Adjustment of Fuel Oil No. 2 (Diesel Fuel):** Due to the uncertainty in estimating the cost of diesel fuel that will be used during the life of this Contract, adjustment in compensation for hauling aggregate is provided for in WVDOH Standard Specs Section 109.

The following formula shall be used to convert the square yards of Contract Items to tons of aggregate for use of "Factor Q" in the fuel adjustment formula:

$$\text{Item A} \times 0.01 + \text{Item B} \times 0.0225 + \text{Item C} \times 0.040 = \text{ton}$$

- 4.2 Price Adjustment of Asphalt Binder:** Due to the uncertainty in estimating the cost of petroleum products that will be used during the life of this Contract, adjustment in compensation for contract items requiring Asphalt Binder is provided for in WVDOH Standard Specs Section 109.

- 5. MATERIALS ACCEPTANCE CRITERIA:** Materials found not in compliance with the requirements of the Contract or if the work performed, visually appears to be unacceptable, by visual inspection of the WVDOH District Engineer, the work may be rejected, removed and replaced at the Contractor's expense except where Pay Adjustments are established in the Standard Specs.

6. CONTRACT AWARD:

- 6.1 Contract Award:** The Contract is intended to provide Agencies with a purchase price for Asphalt Preservation and Pavement Markings on all Contract items. Vendors should bid on the Contract Items which relate to their scope of work for each county in which they provide services; Vendors are not expected to provide every Contract Item, only those which they specialize in.

EXAMPLE: Vendor Blue may specialize in Micro Surfacing and Vendor Red may specialize in Chip Seal. Vendor Yellow may specialize in the Eradication and of Pavement Markings, and Vendor Green may specialize in the installation of pavement markings. Vendors should bid on those Contract items they wish to offer. Vendors

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may choose to only bid on a single Contract Item or may bid on a combination of multiple Contract Items.

A Contract shall be awarded to all responsible Vendors that provide the Contract Items which meet all required specifications of this contract.

- 6.2 Pricing Pages:** The Pricing Pages contain a list of the Contract Items. Vendor may bid any or all Contract Items on the Pricing Pages, **Attachment A (ATT A)**. Vendor should complete the Pricing Pages in their entirety for the Contract Items which they intend to bid. Failure to complete the Pricing Pages in their entirety may result in Vendor's bids being disqualified. No future use of the Contract or any individual item is guaranteed or implied.

Manufacturer/Source Name and Source Location should be provided within the Pricing Pages, or as a supplemental attachment where additional space is needed. Contract Items requiring use of Approved Product List (APL) or Approved Sources will be disqualified if the Manufacturer /Source Name and Source Location is not provided, or if the Source/Product is not an WVDOT Approved.

The APL is not intended to reflect preference or favor over any Vendor. Manufacturers capable of meeting the established level of quality may become "certified" in accordance with the procedures found in Materials Procedure 700.00.55 – Guidelines for Establishing and Maintaining Approved Lists of Materials and Sources:
<https://transportation.wv.gov/highways/mcst/Material%20Procedures/M7000055.PDF>

Vendor should electronically enter the information into the Pricing Pages through wvOASIS, if available, or as an electronic document. In most cases, the Vendor can request an electronic copy of the Pricing Pages for bid purposes by sending an email request to the following address: Kristy.E.James@wv.gov.

- 6.3 Determining Low Bid Per Project:** To determine the low bid Vendor for individual projects, the WVDOH District Engineer will determine the Vendors awarded for the county in which work will be performed. WVDOH will calculate the lowest overall total cost of the Contract Items needed for the project, including mobilization, and coordinate the execution of work with low-bid vendor. WVDOH will do this for each specialty of work needed for the overall project.

EXAMPLE: If Micro Surfacing services are needed for an Asphalt Preservation & Pavement Markings project, the District Engineer will determine the lowest bidder for each area of work relating for the project. The District Engineer will calculate the total for Micro Surfacing services, including mobilization and any anticipated surcharges, to determine the low bid Micro Surfacing Vendor. The District Engineer will contact the low bid Micro Surfacing Vendor. The WVDOH will repeat this process for any other services needed for this project. For this example, Vendor Blue for Micro Surfacing, Vendor Orange for Crack Sealing, Vendor Purple for Tack Coat, Vendor

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Yellow for the Eradication of Pavement Markings, and Vendor Green for the installation of Temporary and Permanent Pavement Markings.

If a low-bid Vendor is not available for the scheduled work, WVDOH will offer the work to the next low-bid Vendor for that Contract Item.

WVDOH reserves the right to request any one or combination of items for which bids are awarded at the lowest overall total as set forth in this section.

- 6.4 Contract Award Transition:** Upon the award of this contract, whether the effective date or the completed and encumbered date or an established date by the WVDOH, the WVDOH Operations Division will announce the effective date of use of this contract to the Districts and the Vendors. Upon the announced effective date of use by the WVDOH Operations Division to the Districts and Vendors, any Delivery Order issued prior the award of the subject Asphalt Preservation and Pavement Markings Contract shall remain in effect and should not be cancelled until that Delivery Order is filled; however, after ten (10) working days of the Districts and Vendors notice, any Delivery Order that has not been completely filled by the Vendors shall NOT be completed, but a cancellation notice will be sent to that Vendor from the issuing District for cancellation of the balance of that Delivery Order only. No Delivery Orders from prior contracts should be held open by the District or the Vendor longer ten (10) working days after the notice to the Districts and the Vendors of the effective date of use of the new contracts.

This directive is issued to assist the Districts and the Vendors when fulfilling open Delivery Orders only. It is NOT issued to cause harm or to take contracts from one Vendor to give to another Vendor, but to establish a transition process from one contract into another contract.

7. ORDERING AND PAYMENT:

- 7.1 Ordering:** Vendor shall accept orders through wvOASIS, regular mail, facsimile, e-mail, or any other written form of communication. Vendor may, but is not required to, accept on-line orders through a secure internet ordering portal/website. If the Vendor has the ability to accept on-line orders, it should include in its response a brief description of how Agencies may utilize the on-line ordering system. Vendor shall ensure that its on-line ordering system is properly secured prior to processing Agency orders on-line. **Vendor shall maintain communication of its current phone numbers, fax numbers, e-mail addresses, location addresses, and all ordering/billing/ payment addresses with WVDOH and in wvOASIS as applicable.**

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- 7.2 Delivery Order:** WVDOH will initiate the delivery order by identifying locations in need of repair. The delivery order will be generated by a WVDOH engineer or designee. The order should be completed on a WV-39 Blanket Release Order. The order should detail the need, location information of the repairs, type of repair required, and tentative start and end dates. Once complete, delivery orders shall be sent to the Vendor via email, fax, or postal mail. Any verbal communications to initiate a project from this contract are not acceptable as a delivery order.
- 7.3 Inspection and approval:** The WVDOH will approve payment at such time as the repairs have been made according to the provisions of this agreement and have been verified by a WVDOH engineer or designee.
- 7.4 Payment:** Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia. The State of West Virginia currently utilizes a Purchasing Card (P-Card) program, administered under contract by a banking institution, to process payment for goods and services through state designated credit cards. Under this Contract, Vendor must accept payment by electronic funds transfer and P-Card. **Electronic Funds Transfer for payment is available through the WV State Auditor's Office.** The Vendor may visit the WV State Auditor's website (www.wvsao.gov) for all necessary forms and instructions. Payment method for each Delivery Order may be dictated at WVDOH's discretion.

8. PROJECT ACCEPTANCE, DELIVERY AND RETURN:

- 8.1 Project Acceptance:** Upon receipt of a Delivery Order, the Vendor shall advise the WVDOH, in writing, within five (5) calendar days of their acceptance of the project work of the Delivery Order. Failure on the Vendor's part to acknowledge acceptance of the project work may result in cancellation of the Delivery Order and re-award of the project to the next lowest bidder.
- 8.2 Delivery Time:** All Delivery Orders shall specify a starting date and a completion date based on the Vendor's acceptance of the Delivery Order. If the work is not started by the Vendor by the specified starting date on the Delivery Order, the Delivery Order may be cancelled and issued to the next low bidder. If work is not completed by the completion date as specified on the Delivery Order, liquidated damages may be assessed in accordance with Standard Specs Section 108.7. Vendor shall deliver emergency orders within an agreed upon acceptable timeframe after orders are received. Vendor shall ship all orders in accordance with the dates assigned to each project per the Deliver Order and shall not hold orders until a minimum delivery quantity is met. No Vendor is authorized to ship, nor is the WVDOH authorized to receive materials prior to the issuance of the Delivery Order.

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- 8.3 Late Delivery:** The Agency placing the order under this Contract must be notified in writing if orders will be delayed for any reason. Any delay in delivery that could cause harm to an Agency will be grounds for cancellation of the delayed order, and/or obtaining the items ordered from a third party.

Any Agency seeking to obtain items from a third party under this provision must first obtain approval of the DOH Finance & Administration Division, Procurement Section.

- 8.4 Delivery Payment/Risk of Loss:** Standard order delivery shall be F.O.B. destination to the Agency's location. Vendor shall include the cost of standard order delivery charges in its bid pricing/discount and is not permitted to charge the Agency separately for such delivery. The Agency will pay delivery charges on all emergency orders provided that Vendor invoices those delivery costs as a separate charge with the original freight bill attached to the invoice.

- 8.5 Return of Unacceptable Items:** If the Agency deems the Contract Items to be unacceptable, the Contract Items shall be returned to Vendor at Vendor's expense and with no restocking charge. Vendor shall either make arrangements for the return within five (5) days of being notified that items are unacceptable or permit the Agency to arrange for the return and reimburse Agency for delivery expenses. If the original packaging cannot be utilized for the return, Vendor will supply the Agency with appropriate return packaging upon request. All returns of unacceptable items shall be F.O.B. the Agency's location. The returned product shall either be replaced, or the Agency shall receive a full credit or refund for the purchase price, at the Agency's discretion.

- 8.6 Return Due to Agency Error:** Items ordered in error by the Agency will be returned for credit within 30 days of receipt, F.O.B. Vendor's location. Vendor shall not charge a restocking fee if returned products are in a resalable condition. Items shall be deemed to be in a resalable condition if they are unused and in the original packaging. Any restocking fee for items not in a resalable condition shall be the lower of the Vendor's customary restocking fee or 5% of the total invoiced value of the returned items.

9. VENDOR DEFAULT:

- 9.1** The following shall be considered a vendor default under this Contract.
- 9.1.1** Failure to provide Contract Items in accordance with the requirements contained herein.
 - 9.1.2** Failure to comply with other specifications and requirements contained herein.
 - 9.1.3** Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.

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Asphalt Preservation and Pavement Markings
Materials, Equipment and Labor by Vendor**

- 9.1.4** Failure to remedy deficient performance upon request.
- 9.2** The following remedies shall be available to Agency upon default.
 - 9.2.1** Immediate cancellation of the Contract.
 - 9.2.2** Immediate cancellation of one or more release orders issued under this Contract.
 - 9.2.3** Any other remedies available in law or equity.
- 10. MISCELLANEOUS:**
 - 10.1 No Substitutions:** Vendor shall supply only Contract Items submitted in response to the Solicitation unless a contract modification is approved in accordance with the provisions contained in this Contract.
 - 10.2 Vendor Supply:** Vendor must carry sufficient inventory of the Contract Items being offered to fulfill its obligations under this Contract. By signing its bid, Vendor certifies that it can supply the Contract Items contained in its bid response.
 - 10.3 Reports:** Vendor shall provide quarterly reports and annual summaries to the Agency showing the Agency's items purchased, quantities of items purchased, and total dollar value of the items purchased. Vendor shall also provide reports, upon request, showing the items purchased during the term of this Contract, the quantity purchased for each of those items, and the total value of purchases for each of those items. Failure to supply such reports may be grounds for cancellation of this Contract.
 - 10.4 Contract Manager:** During its performance of this Contract, Vendor must designate and maintain a primary Contract Manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract Manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract Manager and his or her contact information below.

Contract Manager: Barry Statler
Telephone Number: 717-352-8995
Fax Number: 717-352-8187
Email Address: barry.statler@russellstandard.com



West Virginia Department of Transportation
Division of Highways

Standard Specifications Order Form

Ordering Instructions:

Copies of the *2017 Standard Specifications Roads and Bridges* and latest **Supplemental Specifications** may be purchased by completing this form, indicating the number of books desired, along with proper mailing and billing information.

Submit completed form by e-mail DOHSpecifications@wv.gov, or mail to:

Contract Administration Division
1900 Kanawha Boulevard East
Building Five, Room 840
Charleston, WV 25305

Order Form:

Delivery Method (check one): Pick-up Mail (S&H fees apply – see below)

Payment Method (check one): Invoice Check (payable to: WV Division of Highways)

Number of Copies	Title	Price Each	Total
	2017 Standard Specifications Roads and Bridges	\$15.00	
	Supplemental Specifications, Latest Edition	\$5.00	
Shipping and Handling (S&H) *			
* 1-9 Items = \$5.00 10+ Items = \$10.00			
Total Amount Due			

NOTICE: The *2017 Standard Specifications Roads and Bridges* and *Supplemental Specifications* are available free of charge on the [Specifications Webpage](#).

Customer Information:

Company Name: _____
 ATTENTION: _____
 Street Address: _____
 City, State, Zip Code: _____
 Telephone: _____ Fax: _____ e-mail: _____

For Office Use Only (Do not write in the space below)				
Order Filled By: _____			Date: _____	
REC ORG	AUTH	ACT	OBJ	P/N
0064	COTH126	126	021	N

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUPPLEMENTAL SPECIFICATION
FOR
STATEWIDE ASPHALT PAVEMENT PRESERVATION
CONTRACT 6621C018, ATTACHMENT C

SECTION 403
CRACK SEALING IN ASPHALT PAVEMENT

403.1-DESCRIPTION:

The work shall consist of the cleaning, sealing, and filling of cracks and joints in asphalt pavement in the manner and subject to the conditions and regulations prescribed.

403.2-MATERIALS:

The material shall be hot poured crack sealant and conform to the requirements of Section 708.3 of the Standard Specifications. As well as being compatible with asphalt pavement recycling.

403.3-CONSTRUCTION:

403.3.1-Preparation of material for use: Before charging the compound into the melting unit, the unit shall be free from all foreign material. If the type of heater to be used requires that the sealing material, as shipped, be cut into smaller pieces before melting, the cutting method used is subject to the approval by the Engineer.

The heating kettle used for melting sealing materials shall be of the indirect heating or double boiler type, using oil as the heat transfer medium. It shall have a thermostatically controlled heat source, a built-in automatic agitator, and thermometers installed to indicate both the temperature of the melted sealing material and that of the oil bath. Other methods of indirect heating approved by the Engineer may be used. A positive means of controlling the temperature of the heat transfer at all points in the system shall be incorporated in the heater. Sealing material shall be uniformly heated until the pouring temperature recommended by the manufacturer is reached. Should the maximum pouring temperature recommended be exceeded, the material will be rejected. The material shall be poured as soon as possible after the pouring temperature is reached. Only sufficient material for the day's operation shall be heated each day.

403.3.2-Preparation of joints and cracks for sealing: The cracks shall be thoroughly cleaned of all loose scale, dirt, dust, other foreign matter prior to placing hot poured crack sealant.

403.3.3-Equipment for applying sealer: The equipment used shall consist of heating units from which material may be discharged into the crack through the use of flexible lines and suitable shoes.

403.3.4-Placement requirements: Any spillage of sealing material on pavements shall be immediately removed. A neat job with good workmanship will be required at all times. At no time shall sealing material be placed in a crack which either dirty or wet. The crack shall be clean and surface dry at the time of placement. Work will be suspended when cracks are wet or damp and when the atmospheric temperature is below the minimum specified by the manufacturer. The standard overband shall be 3" centered over the crack.

403.3.5-Equipment, personnel, and documentation requirements: The Contractor (two (2) days prior to commencement of the project) shall submit to the Engineer a detailed list of all equipment to be used within the confines of the project. The Contractor shall also provide certification from the Sealing material manufacturer that the Contractor is qualified to apply the manufacturer's material in conformance with these specifications and the manufacture's recommendations.

The Contractor is responsible for quality control, and shall employ a Project Control Coordinator at the Contractor's expense. The coordinator shall be designated and in attendance at the Pre-Construction Conference. This coordinator shall be a member of the Sealing Crew. The coordinator shall be responsible for all communication between the Sealing Crew and the Engineer.

The coordinator shall be required to fill out all Daily Sealing Report(s) and provide these completed forms to the Engineer for payment on a daily basis. The daily sealing reports shall be submitted no later than 24 hours after the work they represent has been completed. This Sealing report shall include but not limited to the following:

1. Date
2. Location (Route # and MP)
3. Hours worked (including start and stop times)
4. Detailed listing of the Men and Equipment used
5. Amount of material used
6. Linear feet of Sealing performed
7. Detailed listing of traffic control devices used (including units and / or hours)
8. Weather information
9. Any other applicable information

Failure to deliver Sealing reports to the Engineer shall invoke daily liquidated damages as described in Section 108.7 and Table 108.7.1 of the West Virginia Division of Highway's Standard Specifications for each calendar day that the Contractor fails in delivering these sealing reports. Each week's liquidated damages are evaluated separately regarding delivery of sealing reports.

The Department will randomly check the accuracy of these reports. If a discrepancy of more than 2% is found, the Contractor will be required to have an independent consultant, approved by the Division, verify all pay items on this contract. The cost of this consultant will be the responsibility of the Contractor and no reimbursement will be made by the Department.

The Contractor shall provide a calibrated measuring device for measuring the linear feet of Sealing Joints and Cracks for his use and an additional unit for use by the Department. (This will be at the Contractor's expense and shall be integral to the contract cost).

403.4-METHOD OF MEASUREMENT:

The quantity of work done will be measured in linear feet of "Crack Sealing in Asphalt Pavement".

1. For longitudinal cracking along centerline, edgeline or joints measurement is to be conducted prior to cleaning and sealing.
2. For other cracking measurement is to be conducted after cleaning and prior to the placement of the sealant.

403.5-BASIS OF PAYMENT:

The quantity of work, as determined above, will be paid for at the contract unit price bid for the item below, which price and payment shall be full compensation for furnishing all materials, and doing all the work prescribed in a workmanlike and acceptable manner, including all the labor, tools, equipment, supplies and incidental necessary to complete the work.

403.6-PAY ITEM:

ITEM	DESCRIPTION	UNIT
403001-001	Crack Sealing in Asphalt Pavement	Linear Foot

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

SPECIAL PROVISION

FOR

STATEWIDE ASPHALT PAVEMENT PRESERVATION

CONTRACT 6621C018, ATTACHMENT D

SECTION 403

HOT-APPLIED ASPHALT MASTIC (HAM) TREATMENT

403.1–DESCRIPTION:

This work shall consist of cleaning and filling voids in asphalt or in concrete pavement larger than 1.5 inches. This process uses a hot applied, pourable, aggregate filled asphalt mastic material.

403.2–MATERIALS:

Hot-Applied Asphalt Mastic (HAM) shall be composed of quality selected asphalt, select aggregates with structural integrity, synthetic rubber polymers, antioxidants, naturally occurring and man-made reinforcing material, and other modifiers. This product must be delivered from the manufacturer pre-packaged and not mixed in the field.

If not on the Division's Approved Source List, the materials shall conform to the following requirements:

MATERIAL	PROPERTY	TEST	REQUIREMENT
Aggregate	Abrasion Resistance	ASTM C131	35% max
	Gradation	AASHTO T27	100% pass 5/8"
Binder	Penetration @77°F	ASTM D5329	60 max
	Penetration @122°F	ASTM D5329	120 max
	Softening Point	ASTM D36	200°F min
	Flexibility @32°F	ASTM D3111 ¹	Pass
Blend	Flexibility @32°F	ASTM D5329 ²	No cracking or loss of aggregate adhesion

Note 1: 1 inch mandrel, 180 degree bend, 10 seconds.

Note 2: Specimen size 10" long, 1" wide, and 3/4" deep.

403.3–CONSTRUCTION:

403.3.1–General: Prior to placement, submit to the Engineer written certification from the manufacturer for each shipment, which shall include a statement of the HAM material quantity and QC data for each production run. A production run shall be described as the quantity of material produced during one cycle from startup to shutdown of the manufacturer’s equipment.

Construction methods and QC plan, which shall include the manufacturer’s installation guidance, shall be submitted to the Engineer for review at least 7 calendar days prior to the start of work. This review may require modification of the proposed methods to provide the desired end result. The manufacturer’s recommended installation procedures shall be followed unless otherwise specified in this Special Provision. The manufacturer must supply on-site technical assistance for at least the first day and must remain until the engineer determines the assistance is no longer required.

403.3.2–Weather Restrictions: Perform surface preparation and repair when the ambient and pavement surface temperatures are least 45°F and rising. Should the HAM be placed and rain falls before the HAM has properly cured, and it is determined that the HAM has been damaged, remove and replace the contaminated HAM at no additional cost to the state.

403.3.3–Surface Preparation: Prior to application of the HAM, all repair areas shall be dry and free of all dirt, dust, grease, and loose material according to manufacturer’s recommendation. When recommended by the manufacturer, a surface conditioner or primer approved by the manufacturer shall be applied to the repair area prior to placement of the HAM.

403.3.4–Equipment: All equipment, tools, and machinery shall be provided by the contractor and maintained in a satisfactory working condition. The contractor shall use a machine that can simultaneously agitate and indirectly heat the material to the manufacturer’s recommendations, while continuously agitating and indirectly heating during application. Immediately discard any material if it is heated beyond the manufacturer’s recommended safe heating temperature, is allowed to cool, or is unused for more than 10 hours.

403.3.5–Installation: The HAM shall be agitated and heated in a manufacturer’s recommended melter, to the manufacturer’s recommended application temperature. The hot HAM shall be poured directly onto the repair area, made flush with the existing pavement, and leveled for a smooth surface. If two lifts are required, the first lift shall be sufficiently cooled to 200°F before the second lift is applied. Any HAM that pulls loose within 96 hours after opening to traffic shall be replaced at no additional cost. The contractor shall cooperate with the Engineer to keep accurate running totals of the pounds of HAM used. This shall be reported daily.

403.3.6–Opening to Traffic: The HAM shall be allowed 60 minutes for each 1” of material depth to cool before opening to traffic.

403.4–MEASUREMENT AND PAYMENT:

HAM will be measured and paid for at the Contract unit price per pound. The manufacturer’s weights of the HAM will be accepted as the basis for measurement. Payment will

be full compensation for furnishing, hauling, and placing of all materials, the removal and disposal of old filler and debris, and for all material, labor, equipment, tools, and incidentals necessary to complete the work. Payment will not be made for wasted material.

403.5-PAY ITEMS:

ITEM	DESCRIPTION	UNIT
403002-001	Hot-Applied Asphalt Mastic	Pound

Products for Highway Maintenance Attachment E

Effective Date: September 25, 2018

Contact:

DOHNewProducts@wv.gov

Product	Intended Use	Company	Approval Number
TechCrete	Concrete Repair	Crafco, Inc. Chandler, AZ	1458715A
Mastic One	Asphalt Pavement Repair Mastic	Crafco, Inc. Chandler, AZ	1458716A
GeoSpray Geopolymer Mortar	Pipe and Culvert Repair	Milliken Infrastructure Solutions, LLC Lafayette, CO	1458717A
Quadex GeoKrete	Pipe and Culvert Repair	Quadex, LLC Houston, TX	1458722A
Aqua Patch	Asphalt Patching Material	Aqua Patch Road Materials, LLC El Segundo, CA	1458718A
UPM Mix	Asphalt Patching Material	Unique Paving Materials Corp. Cleveland, OH	1458721A
Fibrecrete	Asphalt and Concrete Pavement Patching	Fibrecrete Preservation Technologies, Inc. Mt. Airy, NC	1458719A

Aggregate Sources Rated "A-1" by WVDOT**7-31-20, Attachment F**

The following sources have been rated "A-1" in accordance with MP 700.00.52. This list is published quarterly, and if necessary, amended as additional information becomes available.

Company	Source
AAC1.01.704 – Allegheny Aggregates	Short Gap, WV
BAC1.02.704 - Appalachian Aggregates	Lewisburg, WV
BAC1.03.704 - Appalachian Aggregates	Mill Point, WV
BSC2.01.704 – Greer Industries	Blaney Hollow, WV
CLC1.03.704 – Carmeuse Lime	Maysville, KY
FMC1.01.704 – Fairfax Materials	Arthur, WV
FMC1.02.704 - Fairfax Materials	Scherr, WV
GIC1.01.704 – Greer Industries	German Valley, WV
GIC1.02.704 – Greer Industries	Greer, WV
IQC1.01.704 – Inwood Quarry	Inwood, WV
JFA2.01.704 - J F Allen Company	Mashey Gap, WV
JFA2.02.704 - J F Allen Company	Elkins, WV
MCS1.01.704 – Appalachian Aggregates	Princeton, WV
MCS2.03.704 – Mulzer Crushed Stone	New Amsterdam, IN
MLS1.01.704 – National Lime and Stone	Carey, OH
PMQ1.01.704 – Appalachian Aggregates	Bluefield, VA
PMQ1.02.704 – Appalachian Aggregates	Pounding Mills, VA
RBS1.01.704 – RBS (Greystone Quarry)	Lewisburg, WV
SWV1.01.704 – Appalachian Aggregates	Elkins, WV

For additional information and instructions concerning this list, see MP 700.00.52.

CERTIFIED BITUMINOUS MATERIALS

PG BINDERS AND EMULSIFIED ASPHALTS

MP 401.02.25

EFFECTIVE November 6, 2019

<u>SUPPLIER</u>	<u>SOURCE CODE</u>	<u>LOCATION</u>	<u>TYPE</u>	<u>LAB NUMBER</u>
Bitumar USA	APL1.01.400	Inwood, WV	PG64S-22	1465466
Asphalt Emulsions (Slurry Pavers)	AEC1.01.705	Manassas, VA	CSS-1H	1420398
Asphalt Emulsions	AEC1.02.705	Richmond, VA	CQS-1hLM	1455341
Asphalt Emulsions	AEC1.03.705	Chesterfield, VA	CRS-2	1438321
			CRS-2L	1438322
Asphalt Materials	AMC1.03.705	Columbus, OH	HFMS-2	1461306
			SS-1h	1461307
Asphalt Materials	AMC1.01.705	Marietta, OH	PG58S-28	1420399
			PG64S-22	1420400
			PG64H-22	1420401
			HFMS-2	1420402
			HFRS-2	1420403
			MS-2	1420404
			RS-2	1420405
			SS-1H	1420406
			CRS-2P	1463347
Associated Asphalt	AAC2.01.705	Roanoke, VA	PG64S-22	1420407
			PG64H-22	1436174
			CRS-2	1420408
			CRS-2L	1457354
Associated Asphalt	AAC2.02.705	Martinsburg, WV	PG64S-22	1420409
			PG64H-22	1420410
			PG58S-28	1436175
			PG64E-22	1436176
Associated Asphalt	AAC2.03.705	Bristol, VA	PG64S-22	1420411
			PG64H-22	1420412
			QCT **	1455321
Associated Asphalt (Blue Knight Energy Partners)	NSE1.01.705	Dumfries, VA	PG64S-22	1420436
Associated Asphalt (Nu Star Energy)	NSE1.01.705	Baltimore, MD	PG58S-28	1420432
			PG64S-22	1420433
			PG64E-22	1420435
Big Sandy Asphalt	BSA1.01.705	Catlettsburg, KY	HFMS-2	1420413
			RS-2	1420415
			SS-1H	1420416
			PG64E-22	1420426
			PG64H-22M	1420452
			NTT*	1465420
Bitumar USA	BUS1.01.705	Baltimore, MD	PG58S-28	1420417
			PG64S-22	1420418

CERTIFIED BITUMINOUS MATERIALS

PG BINDERS AND EMULSIFIED ASPHALTS

MP 401.02.25

EFFECTIVE November 6, 2019

<u>SUPPLIER</u>	<u>SOURCE CODE</u>	<u>LOCATION</u>	<u>TYPE</u>	<u>LAB NUMBER</u>
			PG64H-22	1420419
			PG64E-22	1420420
Blacklidge Emulsions	BEC1.01.705	Greer, SC	NTSS-1HM*	1426527
Greater Cincinnati Asphalt Terminal (Blacklidge Emulsions)	GCA1.01.705	North Bend, OH	NTSS-1HM*	1466093
Hammaker East	HEC1.01.705	Chambersburg, PA	CRS-1H	1460728
			CRS-2P	1420423
Hammaker East	HEC1.02.705	Baltimore, MD	CRS-2P	1420424
Marathon Petroleum	MPC1.01.705	Catlettsburg, KY	PG64S-22	1420425
Marathon Petroleum	MPC1.02.705	Floreffe, PA (Jefferson Hills)	PG64S-22	1420427
			PG64H-22M	1459147
			PG64E-22	1420429
Marathon Petroleum	MPC1.04.705	Northbend, OH	PG58S-28	1420431
			PG64S-22	1426681
			PG64H-22M	1459148
			PG64E-22	1420451
MGQ	MGQ1.01.708	Old Fort, OH	PG64S-22	1457363
			PG64E-22	1461320
			PG64H-22M	1458780
Midland Asphalt	MAM1.01.705	Woodland, PA	CRS-2	1460654
			CRS-2P	1460708
			CSS-1H	1460655
Russell Standard	RSC1.02.400	Akron, Ohio	SS-1H	1461328
			RS-2	1464223
Russell Standard	RSC1.01.400	Mercer, PA	CSS-1h	1437963
			CRS-2P	1437964
			CMS-2	1464224
Russell Standard (formally Ergon)	EAE1.01.705	Reading, PA	CSS-1H	1436177
Shelly Liquid Division	SLD1.01.705	Kanauga, OH	PG64S-22	1420440
			PG64H-22	1420441
Shelly Liquid Division	SLD1.02.705	Cleveland, OH	PG58S-28	1420442
			PG64H-22	2000910
Specialty Emulsions	SEC1.01.705	York, PA	EM-50-TT*	1458781
S & S Terminal	SST1.01.705	Rayland, OH	PG64S-22	1420447
			PG64H-22	1466096
			PG64E-22	1466097
			SS-1H	1420448
			CRS-2	1900334
			EM-50-TT*	1461329
Targa (Gunvor)	TRX1.01.705	Baltimore, MD	PG 64S-22	1461305

CERTIFIED BITUMINOUS MATERIALS

PG BINDERS AND EMULSIFIED ASPHALTS

MP 401.02.25

EFFECTIVE November 6, 2019

<u>SUPPLIER</u>	<u>SOURCE CODE</u>	<u>LOCATION</u>	<u>TYPE</u>	<u>LAB NUMBER</u>
Terry Asphalt	TAC1.01.705	Hamilton, OH	CSS-1HM	1433612
			CRS-2P	1454321
Tri-State Asphalt	TSA1.01.705	Morris, IL	SS-1h	1466091
			CQS-1hM	1466092
United Refining	URC1.01.705	Springdale, PA	PG64S-22	1436179

The above are certified to ship under Level One procedures of MP 401.02.25. Other grades and sources may be shipped under Level Two procedures.

* Trackless/ Non-Tracking Tackcoat

** QCT is the equivalent to NTCRS-1hSP Non-Tracking Tackcoat

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SPECIAL PROVISION
FOR
STATEWIDE ASPHALT PAVEMENT PRESERVATION
CONTRACT 6621C018, ATTACHMENT H

SECTION 407
ASPHALT STRESS ABSORBING MEMBRANE INTERLAYER
FIBER SAMI SEAL

407.1-DESCRIPTION:

This section covers the materials, equipment, construction and application procedures for placing Stress Absorbing Membrane Interlayer (SAMI) seal used as an interlayer between existing distressed pavements and a surface course of asphalt. The SAMI Seal is a process of applying asphalt emulsion, fiber glass strands, and aggregate in a single process. All ingredients are to be properly proportioned, mixed, and spread on the paved surface in accordance with this Specification and as directed by the Engineer.

407.2-MATERIALS:

Furnish the components of the SAMI Seal to include polymer-modified asphalt emulsion, clean cover aggregate, and fiber glass. Use materials meeting the following:

407.2.1-Asphalt Emulsion: The emulsified asphalt shall be polymer modified and shall contain asphalt, water, emulsifier, and polymer. It is typically recommended that the emulsified asphalt contain three percent (3%) polymer solids based on asphalt weight. It shall be pumpable and suitable for application through a distributor truck. Examples of polymer modified emulsified asphalt classifications may include CRS-2P (SBS), CRS-2L (LM) and shall meet the requirements listed in Section 705 of the Standard Specifications.

407.2.2-Fiber Glass: The glass fiber shall be Classification E Glass for general application as defined in ASTM D578, Standard Specification for Glass Fiber Strands. The glass fiber spools shall be supplied internally wound, in coils or cheese. Spools shall be cut in-place into 60mm, (2.38") lengths which are distributed uniformly across and between the two applications of the asphalt emulsion. The range of application rates for the glass fiber shall be 2 to 4 ounces per square yard.

407.2.3-Cover Coat Aggregate: The cover coat aggregate used shall be the type specified for the particular application requirements of the SAMI seal. The cover coat aggregate shall be clean, durable stone such as granite, slag, limestone or other high-quality aggregate.

The shape and quality of the cover coat material is important to the successful application and performance of a chip seal. A hard, crushed, single size aggregate is recommended. Cover Coat Aggregate shall meet the requirements listed in Section 703 of the Standard Specification. The portion of the aggregate that has two fractured faces shall be greater than or equal to 80%. Aggregate meeting requirement locks together and provides better long term retention and stability.

407.2.3.1-Gradation: When tested in accordance with AASHTO T 27 (ASTM C 136) and AASHTO T 11 (ASTM C 117), the aggregate gradation shall be within one of the following bands.

SIEVE SIZE	TYPE I ¼" (6.4mm) Percent Passing	TYPE II (#8) 3/8" (9.5 mm) Percent Passing	TYPE III 1/2" (12.5 mm) Percent Passing
3/4" (19 mm)	100	100	100
1/2" (12.5 mm)	100	100	95-100
3/8" (9.5 mm)	100	95-100	0-15
1/4" (6.4 mm)	95-100	0-35	0-10
#8 (2.36 mm)	0-20	0-3	0-3
#200 (75 µm)	0-1.0	0-1.0	0-1.0

407.3-MIXTURE DESIGN REQUIREMENTS:

407.3.1-Mix Design: Submit to the Engineer, at least five working days before the start of production, a complete mix design prepared and certified by an experienced laboratory. The mix design shall consist of:

1. Signed certificate(s) of analysis covering the specific materials to be used on the project.
2. Specify target application rates for the aggregate, fiber glass and binder as well as permissible operating tolerances so that adjustments may be made due to varying field conditions.
3. List of material sources. Material sources must be on approved source lists published by the division. Materials Procedure 700.00.05, Guidelines for Establishing and Maintaining Approved Lists of Materials and Sources, outlines the requirements of these approved lists.

Once the design has been approved, no material substitution will be permitted unless approved by the Engineer. A new mix design is required for any change in aggregate or asphalt emulsion source.

407.4-CONSTRUCTION:

407.4.1-Equipment: Provide safe, environmentally acceptable equipment that can produce a specification product. All equipment, tools, and machines used in the application of SAMI seal shall be maintained in satisfactory working conditions at all times.

407.4.1.1-Emulsion and Fiber Distributor: The distributor shall be capable of providing a uniform application rate of asphalt binder varying from .02-0.60 gal/yd² over a variable width. The uniformity of the distributor shall not vary by more than 0.02 gal/yd². It shall be equipped with a variable power unit for the pump and full circulation spray bars, which are adjustable laterally and vertically. The nozzle angle and bar height shall be set to provide 100 percent of double coverage in a single pass.

The distributor shall include computerized application controls, a tachometer, pressure gauges, accurate volume devices, calibrated tank, and a thermometer for measuring temperatures of the emulsified asphalt in the tank.

The pressure distributor shall have computerized rate controller that automatically adjusts the distributor's pump to the ground speed. The distributor shall be capable of heating and re-circulating the emulsion to the specified temperature.

The emulsion and fiber applicator used shall be designed for applying the bituminous binder reinforced with glass fibers. The fiber cutter and distributor shall be an integrated unit. The applicator shall comprise an open bottom spray bar housing, a fan or blower producing a down draft in the housing, and two separate spray bars, one in front of the fiber applicator housing and one following. The fiber applicator shall be calibrated and capable of applying at the desired controlled rates.

407.4.1.2-Spreader Box: The machine shall be specifically designed and manufactured to apply various types of aggregate. It shall be self-propelled and supported by at least four tires on two axles capable of providing a uniform application rate of aggregate from 5-50 lbs/yd² (2.7-27 kg/m²) over a variable width. It shall be designed to convey aggregate materials from a rear receiving hopper to a front spread hopper. The machine shall apply this aggregate in a uniform pattern across the entire width of the spread hopper regardless of spreading widths. The application rates will remain consistent regardless of the speed of the machine or changing spread widths. This shall be done with computer controls that monitor the ground speed and adjust the spread hopper rate in relationship to ground speed. Application rates will be preset in lbs/yd² (kg/m²).

407.4.1.3-Pneumatic Rollers: A minimum of two self-propelled rollers shall be used on the project unless otherwise requested by the Engineer. The rubber tired rollers shall have a gross load adjustable to apply 200-250 psi (1379-1724 kPa) of rolling width. Tire pressure shall be specified for the pneumatic tire rollers and shall not vary more than plus or minus 5.0 psi (34.5 kPa). It is recommended that the rollers travel no more than 10 miles per hour

407.4.1.4-Sweepers: Self-propelled four wheeled rotary mechanical brooms and or vacuum brooms capable of operating in both forward and reverse is recommended. Brooms should be checked to ensure they are in good condition and meet applicable environmental standards.

407.4.1.5-Miscellaneous Equipment: Provide hand squeegees, shovels and other equipment as necessary to perform the work. Provide cleaning equipment such as power brooms, air compressors, water flushing equipment, and hand brooms for surface preparation.

407.4.1.6-Lights on Equipment: Equip power brooms, distributors and truck mount spreaders with at least one approved, flashing, rotating or oscillating amber light that is visible in all directions. Equip continuous spreader units with one such light on each side.

407.4.2-Application: SAMI seals shall be applied in a manner to fill minor cracks and leave a uniform surface with straight longitudinal joints, transverse joints and edges.

407.4.2.1-Weather Limitations: SAMI seals shall not be applied unless the atmospheric temperature is 55 degrees F and rising, nor when the temperature has been below 45 degrees F in the preceding 12 hours. No bituminous material shall be applied while the surface is wet nor when impending weather conditions are such that proper curing may not be obtained.

407.4.2.2-Surface Preparation: The surface shall be thoroughly clean and dry when the bituminous material is applied. Material cleaned from the surface shall be removed and disposed of as directed by the engineer. Protect drainage structures, monument boxes, water shut-offs, etc., during application of bond coat and mixture.

407.4.2.3-Emulsion and Fiber Application: Properly sized nozzles shall be used for the material and application rate specified. Emulsion application rates shall vary between 0.35-0.45 gallons per square yard. Fiber application rates shall vary between 2-4 ounces per square yard. Multiple series of nozzles, for spraying the bituminous material, shall be spaced longitudinally, as to incorporate a number of sources for dispensing the cut glass fibers through the open bottom housing to the surface between the sprayed bituminous materials.

Basically, spray a layer of emulsion, then blow in the chopped fiberglass, and coat it with another layer of emulsion.

407.4.2.4-Aggregate Placement: Aggregate spreader shall be self-propelled and shall be equipped with hoppers, revolving cylinders and adjustments necessary to produce a uniform distribution of particles at the specified rate. Immediately following the application of the emulsion and fiber material, cover aggregate shall be applied uniformly without ridges or laps at the specified rate and adjusted as directed by the engineers to produce a minimum of excess loose particles. Deficiencies in the application of cover aggregate shall be corrected prior to rolling.

407.4.2.5-Compaction: Immediately following the application of the cover material, the treated surface shall be completely rolled. Rollers shall work in tandem and complete a minimum of three passes with a sufficient overlap. A minimum of one roller pass shall be completed using pneumatic tire type, meeting the minimum requirements. Depending

on the speed of the chip seal operation and the width of coverage, additional rollers may be required

At no time shall the rollers lag more than 500' behind the aggregate spreader. All ballasting shall conform to manufacturer's specifications.

407.4.2.6-Sweeping and Clean-up: Sweeping shall be performed using a pickup type sweeper or kickoff broom as appropriate for the work and as approved by the engineer. Sweeping shall be completed within 6 hours of material application. Initial sweeping shall remove all loose or unbound material. All debris shall be removed from the job site.

407.4.3-Temporary Pavement Marking: Shall be in accordance with Section 636

407.4.4-Pre-paving Meeting: Hold an on-site pre-paving meeting with the Engineer before beginning work to review and discuss the following.

1. Detailed work schedule
2. Traffic control plan
3. Calibration of equipment
4. Mix design previously submitted to the Engineer
5. Equipment inspection, including transport units

407.4.5-Test strip: Test Strip(s) are intended to demonstrate the mixing of materials and placement procedures of each mixing machine to be used on the project. Test strip shall be performed at the beginning of the first day production and on the roadway to be treated. The completed test strip (minimum 500 feet length) shall be reviewed to detect and correct any variances in surface texture, material ratio(s) and finished surface appearance. Additionally, the test strip will be used to establish the target job application rate.

407.4.6-Traffic Control: Do not allow traffic on the mixture until it has cured sufficiently to prevent pickup by vehicle tires. Protect the new surface from damage at intersections and driveways. Repair all damage to the mixture caused by traffic. All costs associated with this repair work will be borne by the Contractor. Otherwise Traffic Control will be in accordance with Section 636, and the *Manual on Temporary Traffic Control for Streets and Highways, Latest Edition*, or as directed by the Engineer.

407.4.7-Quality Control: A mixture is to be produced that will meet the JMF and quality control tolerances. Notify the Engineer immediately if the quality control test results exceed any of the tolerances and stop mixture production. Identify the cause of the excess deviation and determine the corrective action necessary to bring the mixture into compliance. Secure the Engineer's approval before resuming work.

For Quality Assurance purposes, samples for gradation will be taken from aggregate stockpiles designated by the Contractor for use. The frequency of sampling and testing will be established by the Engineer based upon the Department's current acceptance program and local conditions encountered.

407.5-MEASUREMENT AND PAYMENT:

Payment for SAMI Seal includes all materials, equipment, labor for preparing the surface, placing temporary pavement markings, placing the SAMI Seal mixture and complying with all requirements. The placement includes application a surface course for full width coverage as specified in the contract documents.

The completed work as measured will be paid for at the contract unit price for the Items detailed in Section 407.6.

Materials placed in stockpiles or on the road not meeting the required tolerances may be accepted at a reduced price if it is not considered detrimental to the life of the treatment by the Engineer. The following price adjustment schedule will be used when appropriate and applied accordingly to representative material:

- i. Five percent reduction in the bid price per square yard for each one-tenth percent the asphalt content is out of tolerance.
- ii. One percent price adjustment in the bid price per square yard for each one percent that the aggregate gradation is out of the job mix range.
- iii. Five percent reduction in the bid price per square yard for application rate dropping below the established rate by more than 2 lb/sq yd. If the application rate drops below the established rate by more than 3 lb/sq yd, the material will not be accepted and measures will need to be taken by the contractor to correct for such deficiency.

Price adjustments under i., ii., and iii. above shall apply concurrently; however, price adjustment will not apply in the event the material is rejected. The disposition of rejected material will be subject to the approval of the Engineer.

407.6-PAY ITEMS:

ITEM	DESCRIPTION	UNIT
407001-001	Stress Absorbing Membrane Interface (Sami) Seal	Square Yard (SY)

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SPECIAL PROVISION
FOR
STATEWIDE ASPHALT PAVEMENT PRESERVATION
CONTRACT 6621C018, ATTACHMENT I

SECTION 425
ASPHALT EMULSION SLURRY SEAL COAT

425.1-DESCRIPTION:

This section covers the materials, equipment, construction and application procedures for placing Asphalt Emulsion Slurry Seal Coat used to treat asphalt pavement shoulders and low volume roadways. The Asphalt Emulsion Slurry Seal Coat shall be the process of applying a mixture of asphalt emulsion, aggregate, water, and additives as needed to the existing asphalt pavement as a preservation treatment. All ingredients are to be properly proportioned, mixed, and spread on the paved surface in accordance with this Specification, the mix design, and as directed by the Engineer.

425.2-MATERIALS:

Furnish the components of the Asphalt Emulsion Slurry Seal Coat to include asphalt emulsion, fine aggregate, water, and additives. Use materials meeting the following:

425.2.1 Asphalt Emulsion-The emulsified asphalt shall contain asphalt, water, emulsifier, and polymer or other additives. It shall be pumpable and suitable for application through a distributor truck.

Emulsified asphalt shall meet the requirements listed in Section 705 of the Standard Specifications. In addition to the emulsion shall meet the requirements of Table 425.2.1A.

Table 425.2.1A (CSS-1h or SS-1h)			
Criteria	ASTM/ AASHTO METHOD	Value	Units
Viscosity, Saybolt Furol at 25 C	10	10-90	Seconds
Sieve test		0.50 max	%, by weight
Residue		57 min	%, by weight
Penetration (Residue from Distillation), 25 C, 100 g, 5 s,		30-150 20 - 60	

The sieve test may be waived if material applies without clogging nozzles and satisfactory field results are obtained.

The storage stability test may be waived provided the asphalt emulsion storage tank at the mixing site has adequate provisions for circulating the entire contents of the tank, and provided satisfactory field results are obtained.

Engineered Emulsions that do not meet SS-1h or CSS-1h shall be submitted for testing in advance. Such emulsions must be accompanied with a Certificate of Analysis and other documentation listing testing requirements. The Division’s emulsion lab will test the emulsion to verify compliance. The Engineer may allow engineered emulsion after testing.

425.2.2 Aggregate - The composite aggregate / mineral filler blend shall be free of cemented or conglomerated material and shall not have any detrimental material. It is recognized that high mineral filler mixture will require separate tests to be run on the aggregate and the mineral filler components. This will require verification of the stated blend percentages for the mixture.

425.2.2.1 Gradation-When tested in accordance with AASHTO T 27 (ASTM C 136) and AASHTO T 11 (ASTM C 117), the aggregate gradation shall meet the following gradation.

Sieve Size	Percent Passing
#8 (2.36 mm)	100
#16 (1.19mm)	95-100

425.2.3 Water-The water used shall be two parts hydrogen and one part oxygen from a potable source and free from harmful soluble salts.

425.2.4 Additives – Other material added to the mixture proprietary or otherwise shall be supplied by the manufacture of the mixture.

425.3-MIXTURE DESIGN REQUIREMENTS:

425.3.1 Mix Design - Submit to the Engineer, at least five working days before the start of production, a complete mix design prepared and certified by an experienced laboratory capable of performing the applicable tests. The mix design shall consist of:

1. Signed certificate(s) of analysis covering the specific materials to be used on the project.
2. Specify target application rates for the mixture as well as permissible operating tolerances so that adjustments may be made due to varying field conditions.
3. Test results of the tests required in Section 425.3.2.
4. List of material sources. Material sources must be on approved source lists published by the Division. Materials Procedure 700.00.05, Guidelines for Establishing and Maintaining Approved Lists of Materials and Sources, outlines the requirements of these approved lists.

Once the design has been approved, no material substitution will be permitted unless approved by the Engineer. A new mix design is required for any change in aggregate or asphalt emulsion source.

425.3.2 Mix Design Guidelines - Mix acceptance will be subject to satisfactory field performance as determined by the engineer.

The mixture shall contain a minimum of 30% mineral aggregate by weight. This shall be determined by AASHTO T-308 Asphalt Content by Ignition Method, this method is modified to account for the high asphalt, fine aggregate mix.

The mixture shall pass the International Slurry Seal Association's Modified TB100 test for Wet-Track Abrasion Loss (3 day) Soak. There shall be a maximum of ~~80~~35 g/m².

425.4-CONSTRUCTION:

425.4.1 Equipment-Provide safe, environmentally acceptable equipment that can produce a specification product. All equipment, tools, and machines used in the application of Asphalt Emulsion Slurry Seal Coat shall be maintained in satisfactory working conditions at all times.

425.4.1.1 Emulsion and Aggregate Mixing Equipment-The mixture shall be mixed thru a central mixing plant. Aggregate, asphalt emulsion, water and additives shall be proportioned by weight (mass) utilizing the mix design approved by the Engineer. Storage and transportation tanks shall be equipped with a full sweep agitator capable of producing a homogeneous mastic surface treatment mix.

Individual weight (mass) controls for proportioning each item to be added to the mix shall be provided. Measurement of volumes is permitted during production with the appropriate specific gravity calculations in unsure that the mixture meets the weight proportions of the mix design. Each material control device shall be calibrated and properly marked. Each device shall be accessible for ready calibration and placed such that the engineer may determine the amount of each material used at the time.

425.4.1.2 Storage Tanks-The storage tank shall have an internal full sweep mixing system. The storage tank shall have sufficient mixing capability to assure proper suspension of fine aggregates in the mix.

425.4.1.3 Distributor-The distributor shall be fully self-contained and shall have a storage tank with full sweep agitation, hydraulic system, operator controls, pumping system, material filters and spray bar capable of applying a full lane width. The equipment shall have sufficient available power to operate the full spray system and the agitation system at the same time.

The distributor shall include computerized application controls, a tachometer, pressure gauges, accurate volume devices, calibrated tank, and a thermometer for measuring temperatures of the emulsified asphalt in the tank. The distributor shall be equipped with a system allowing the measurement and calculation of application rates.

The pumps shall provide operation resulting in high volume and low potential for cavitation. The pumps shall be engineered to allow the system to handle fine aggregate filled materials. The distributor shall have computerized rate controller that automatically adjusts the distributor's pumps to the ground speed.

The applicator spray bar shall be sized with volumetric capacity to dampen any possible pressure ripples by providing even pressure to all spray tips. Attachments such as a spray shield and wind deflector shall be available.

425.4.1.4 Miscellaneous Equipment-Provide hand squeegees, shovels and other equipment as necessary to perform the work. Provide cleaning equipment such as power

brooms, air compressors, water flushing equipment, and hand brooms for surface preparation.

425.4.2 Surface Preparation – The surface to receive the Seal Coat must be free of all foreign material and dry immediately prior to application. Material cleaned from the surface shall be removed and disposed of as directed by the engineer. Protect drainage structures, monument boxes, water shut-offs, etc., during application of bond coat and mixture.

425.4.2.1 – Cleaning - Cleaning may be by air blowing, vacuum, mechanical sweeping, washing, or other techniques as approved by the Engineer. If washing is used, the surface shall not have any standing water or residue remaining prior to application. Salt, deicing agents, oil, vegetation, animal carcasses, leaves, etc. will be detrimental to the bond between the Seal Coat and the existing pavement and may require extraordinary cleaning measures.

425.4.2.2 – Cracks – Cracks must be clean of all weeds, debris, and loose material prior to sealing. Cracks in excess of 1/4 inch, but less than one inch must be sealed prior to the application of the Seal Coat. Cracks wider than one inch shall be filled with crack filler containing fine aggregate. Crack sealant or filler must be compatible with the emulsion used in the Seal Coat.

425.4.2.3 – Weathered Pavement – On excessively weathered pavement a tack coat of the same emulsion used in the mix may need to be applied. The typical application rate for this instance would be between 0.05 to 0.10 gallons per square yard. The tack coat must break and set prior to placement of the Seal Coat.

425.4.2.4 – Major Defects – Areas of structural failure, alligator cracking, rutting, etc. should be repaired prior to the application of a Seal Coat.

425.4.3 - Application- Asphalt Emulsion Slurry Seal Coats shall be applied in a manner to fill cover the area specified with at a uniform application rate to seal the asphalt pavement.

425.4.3.1 Weather Limitations - Mixture shall not be placed when either the air temperature or the temperature of the surface on which the mixture is below 60 F, when it is raining, when there is a chance of temperatures below 32 F (0 C) within 24 hours after placement, or as directed by the Engineer.

425.4.3.2 Dilution- Contractor shall not dilute mixture in the field with water or any other additive. Only materials mixed at the manufacturing facility will be allowed. No mixing of designed materials will be allowed in the distribution truck or on the job site.

425.4.3.3 Mixture Application – Seal Coats generally consist of two applications coats of material. The application rate will be as shown on the plans or as directed by the engineer. Placement of the mix shall be performed in two passes with application rates dependence on the pavement receiving the seal. As a minimum coverage limit, of 0.10 gal/yd² for the first pass and 0.15 gal/yd² for the second should be used. Properly sized nozzles shall be used for the material and application rate specified. Multiple series of nozzles, for spraying the mixture, shall be spaced longitudinally.

The mixture shall be uniform and homogeneous after applying on the existing surfacing and shall not show separation of the emulsion and aggregate after setting. Contractor shall provide a mat ensuring total coverage and especially free of voids and pit holes. Leave no

streaks, holes, bare spots, or cracks through which liquids or foreign matter could penetrate to the underlying pavement.

After application, the roadway shall remain closed until the surface is tack-free and capable of being open to traffic without tracking.

425.4.3.6 Clean-up - Remove spatter and mar from curb and gutter, sidewalk, guard rails and guide posts, etc. at the Contractor's expense. Remove surface treatment material from fixtures, manholes, valve covers, etc. Leave no streaks, holes, bare spots, or cracks through which liquids or foreign matter could penetrate to the underlying pavement.

425.4.4 Temporary Pavement Marking - Shall be in accordance with Section 636

425.4.5 Pre-application Meeting - Hold an on-site pre-application meeting with the Engineer before beginning work to review and discuss the following.

1. Detailed work schedule
2. Traffic control plan
3. Calibration of equipment
4. Mix design previously submitted to the Engineer
5. Equipment inspection, including transport units

425.4.6 Test strip - Test Strip(s) are intended to demonstrate the mixing of materials and placement procedures of each mixing machine to be used on the project. Test strip shall be performed at the beginning of the first day production and on the roadway to be treated. The completed test strip (minimum 500 feet length) shall be reviewed to detect and correct any variances in surface texture, material ratio(s) and finished surface appearance. Additionally, the test strip may be used to establish the target job application rate.

425.4.7 Traffic Control - Do not allow traffic on the mixture until it has cured sufficiently to prevent pickup by vehicle tires. Protect the new surface from damage at intersections and driveways. Repair all damage to the mixture caused by traffic. All costs associated with this repair work will be borne by the Contractor. Otherwise Traffic Control will be in accordance with Section 636, and the *Manual on Temporary Traffic Control For Streets and Highways, latest Edition*, or as directed by the Engineer.

425.4.8 Quality Control - A mixture is to be produced that will meet the JMF and quality control tolerances. Notify the Engineer immediately if the quality control test results exceed any of the tolerances and stop mixture production. Identify the cause of the excess deviation and determine the corrective action necessary to bring the mixture into compliance. Secure the Engineer's approval before resuming work.

For Quality Assurance purposes, samples may be taken at the Project. The frequency of sampling and testing will be established by the Engineer based upon the Department's current acceptance program and local conditions encountered.

425.5-MEASUREMENT AND PAYMENT:

Payment for Asphalt Emulsion Slurry Seal Coat includes all materials, equipment, labor for preparing the surface, placing temporary pavement markings, placing the mixture and complying with all requirements including the warranty. The placement includes application a surface course for full width coverage as specified in the contract documents.

The completed work as measured will be paid for at the contract unit price for the Items detailed in Section 425.6.

425.6-PAY ITEMS:

ITEM NUMBER	DESCRIPTION	UNIT
425001-001	Asphalt Emulsion Slurry Seal Coat	Square Yard (SY)

Attachment J (ATT J)**Approved Product List: Temporary Pavement Markings Type VII-A, B, C****715.40.4 - Type VII-A Temporary Pavement Markings**

Effective Date: March 24, 2010

Material	Manufacturer	Approval Number
Construction Grade 200 (White and Yellow)	FOL Tape (F0190)	1397089
Visa-Line Con. Grade (White and Yellow)	Swarco (S388A)	1397090
Visa-Line Engineer Grade (White and Yellow)	Swarco	1397091
Aztec White Tape T	P.B. Laminations (P343A)	1397092
Aztec Yellow Tape T	P.B. Laminations	1397093

715.40.4 - Type VII-B Temporary Pavement Markings

Effective Date: January 19, 2011

MANUFACTURER	MATERIAL	LAB NO.
Swarco (S338A)	Director - 2	1420458A
Advance Traffic Markings (A310A)	ATM-200 Yellow R	1420898A
Advance Traffic Markings (A310A)	ATM-200 White R	1420887A
Trelleborg Industri AB (T171A)	RY-140 yellow	1420888A
Trelleborg Industri AB	RW-140 white	1420889A
Brite-Line Technologies (B359A)	Series #100 yellow	1420890A
Brite-Line Technologies	Series #100 white	1420891A
3M	Scotch-Lane Wet Reflective Removable Tape - Series 710 (White)	1420892A
3M	Scotch-Lane Wet Reflective Removable Tape - Series 711 (Yellow)	1420893A
3M	Scotch-Lane Wet Reflective Removable Tape - Series 780 (White)	1420894A
3M	Scotch-Lane Wet Reflective Removable Tape - Series 781 (Yellow)	1420895A
Brite-Line Technologies (B359B)	Delta Line TWR White	1420896A
Brite-Line Technologies	Delta Line TWR Yellow	1420897A

715.40.4 - Type VII-C Temporary Pavement Markings

Effective Date: Feb 2011

Material	Manufacturer	Approval Number
Scotch-Lane Wet Reflective Removable Tape-Series A780 (White)	3M (M026A)	1420900A
Scotch-Lane Wet Reflective Removable Tape-Series A781 (Yellow)	3M	1420901A
Scotch-Lane Wet Reflective Removable Tape-Series A710	3M	1420902A
Scotch-Lane Wet Reflective Removable Tape-Series A711	3M	1420903A
Delta Line TWR White	Brite-Line Technologies	1420904A
Delta Line TWR Yellow	Brite-Line Technologies	1420905A

715.40.2 - Type V Pavement Markings Attachment K

Effective Date: February 24, 2009

Transverse Markings

Intersection Markings
 Symbols
 Legends
 Stripes

Material	Manufacturer	Approval Number
380-IES White and Yellow	3M Corporation	1380664A
380-IES White and Yellow	3M Corporation	1393190
Premark Plus White or Yellow	Ennis Flint Inc.	1380662A
Hot-Tape White or Yellow	Ennis Flint Inc.	1380663A
Premark Plus White or Yellow	Ennis Flint Inc.	1393188
Hot-Tape White or Yellow	Ennis Flint Inc.	1393189
Ozark Pre-formed Thermoplastic Yellow or White	Ozark Materials LLC	1462423

Note: Road surface must be pre-heated to and material must be heated to 400 degrees Fahrenheit and verified with a infrared heat thermometer when applying degrees Fahrenheit and verified with a infrared heat thermometer when applying

Ennis-Flint Inc. Hot-Tape. 380-IES approved to be used for gore and lane shunt area stripes only.

Longitudinal Lines

Lane Lines
 Edge Lines
 Barrier Lines
 Channelizing Lines

Material	Manufacturer	Approval Number
380-IES White and Yellow	3M Corporation	1380665A
380-IES White and Yellow	3M Corporation	1393191
Premark Plus White or Yellow	Ennis Flint, Inc. (F129A)	1380666A

Premark Plus White or Yellow	Ennis Flint, Inc.(F129A)	1393192
Ozark Pre-formed Thermoplastic Yellow or White	Ozark Materials LLC	1462424

Enhanced Skid Resistant Material

Enhanced Skid Resistant Material
Crosswalks
Other Markings as Specified

Material	Manufacturer	Approval Number
Ozark Pre-formed Thermoplastic Yellow or White	Ozark Materials LLC	1462425
Premark Plus Vizigrip White or Yellow	Ennis-Flint, Inc. (F129A)	1393193

The contractor shall provide the engineer with certification from the marketing manufacturer that he/she has been adequately trained and certified to apply the manufacturer's material.

Enhanced skid resistant material shall be used for all crosswalks and other markings as specified in the project plans.

715.40.6.1 - Type P-2 Raised Pavement Markers Attachment L

Effective Date: April 1, 2015

	Manufacturer	Model	Approval Number
CASTINGS	Ennis Paint, Inc., dba Ennis Traffic Safety Solutions (E127A) (EPI1.01.664)	101LP (See Note 1)	1394325A
	Nightline Markers (N127A) (NMC1.01.715)	B-250 (See Note 2)	1394326A
	Ray-O-Lite (H231A) (RHP1.01.664)	Snow-Lite 200 (See Note 3)	1394327A
	Ray-O-Lite	H1010 (See Note 3)	1394328A
REFLECTORS	Ennis Paint, Inc., dba Ennis Traffic Safety Solutions (E127A) (EPI1.01.664)	940 (See Note 4)	1394329A
	Ennis Paint, Inc., dba Ennis Traffic Safety Solutions	941 (See Note 5)	1394330A
	Ennis Paint, Inc., dba Ennis Traffic Safety Solutions	C40 (See Note 6)	1394331A
	3M (M026E) (3MC1.01.709)	190 (See Note 7)	1394332A
	3M	198 (See Note 4)	1394333A

NOTES

- (1) Supplied by manufacturer with Ennis Paint model C40 reflectors pre-installed.
- (2) Supplied by manufacturer with 3M model 190 reflectors pre-installed.
- (3) Approved only for use with a pre-approved reflector.
- (4) Compatible with existing Ennis Paint model 98 castings.
- (5) Compatible with existing Ennis Paint model 94 castings.
- (6) Compatible with casting models 101, B-400, 101LP, B-250, Snow-Lite 200, Hallen H1010, existing Hallen model Ironstar 664, and existing Ennis Paint model 96's.
- (7) Compatible with casting models 101, B-400, 101LP, B-250, Snow-Lite 200, Hallen H1010, existing Hallen model Ironstar 664, and existing Ennis Paint model 96's.

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Russell Standard

Authorized Signature: [Signature] Date: 1/11/21

State of Pennsylvania

County of Butler, to-wit:

Taken, subscribed, and sworn to before me this 11 day of JANUARY, 2021.

My Commission expires February 4, 2022.

AFFIX SEAL HERE

Commonwealth of Pennsylvania - Notary Seal
BAMBI L STOCK - Notary Public
Butler County
My Commission Expires Feb 4, 2022
Commission Number 1281157

NOTARY PUBLIC

[Signature]

West Virginia Ethics Commission



Disclosure of Interested Parties to Contracts

Pursuant to *W. Va. Code* § 6D-1-2, a state agency may not enter into a contract, or a series of related contracts, that has/have an actual or estimated value of \$1 million or more until the business entity submits to the contracting state agency a Disclosure of Interested Parties to the applicable contract. In addition, the business entity awarded a contract is obligated to submit a supplemental Disclosure of Interested Parties reflecting any new or differing interested parties to the contract within 30 days following the completion or termination of the applicable contract.

For purposes of complying with these requirements, the following definitions apply:

"Business entity" means any entity recognized by law through which business is conducted, including a sole proprietorship, partnership or corporation, but does not include publicly traded companies listed on a national or international stock exchange.

"Interested party" or "Interested parties" means:

- (1) A business entity performing work or service pursuant to, or in furtherance of, the applicable contract, including specifically sub-contractors;
- (2) the person(s) who have an ownership interest equal to or greater than 25% in the business entity performing work or service pursuant to, or in furtherance of, the applicable contract. (This subdivision does not apply to a publicly traded company); and
- (3) the person or business entity, if any, that served as a compensated broker or intermediary to actively facilitate the applicable contract or negotiated the terms of the applicable contract with the state agency. (This subdivision does not apply to persons or business entities performing legal services related to the negotiation or drafting of the applicable contract.)

"State agency" means a board, commission, office, department or other agency in the executive, judicial or legislative branch of state government, including publicly funded institutions of higher education: Provided, that for purposes of *W. Va. Code* § 6D-1-2, the West Virginia Investment Management Board shall not be deemed a state agency nor subject to the requirements of that provision.

The contracting business entity must complete this form and submit it to the contracting state agency prior to contract award and to complete another form within 30 days of contract completion or termination.

This form was created by the State of West Virginia Ethics Commission, 210 Brooks Street, Suite 300, Charleston, WV 25301-1804. Telephone: (304)558-0664; fax: (304)558-2169; e-mail: ethics@wv.gov; website: www.ethics.wv.gov.

West Virginia Ethics Commission
Disclosure of Interested Parties to Contracts
(Required by W. Va. Code § 6D-1-2)

Name of Contracting Business Entity: Russell Standard Address: 285 Kappa Drive #300
Pittsburgh, PA 15238

Name of Authorized Agent: Mike Rowe Address: 171 Seventh Avenue, Valencia PA
16059

Contract Number: 0803 DOT 2100000024 Contract Description: Asphalt Preservation & Pavement
Marking - Statewide

Governmental agency awarding contract: _____

Check here if this is a Supplemental Disclosure

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (attach additional pages if necessary):

1. Subcontractors or other entities performing work or service under the Contract

Check here if none, otherwise list entity/individual names below.

2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)

Check here if none, otherwise list entity/individual names below.

3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)

Check here if none, otherwise list entity/individual names below.

Signature: _____

Date Signed: 1/11/21

Notary Verification

State of Pennsylvania, County of Butler:

I, Mike Rowe, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 11 day of January, 2021

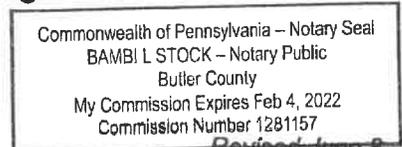
Notary Public's Signature

To be completed by State Agency:

Date Received by State Agency: _____

Date submitted to Ethics Commission: _____

Governmental agency submitting Disclosure: _____





RUSSELL STANDARD CORP.

General Contractors
Manufacturers of Asphalt
Materials, Emulsions and Coatings
Since 1929

285 Kappa Drive, Suite 300
Pittsburgh, PA 15238
(412) 449-0700
(412) 449-0704 Fax

Certificate of Secretary
As to
Corporate Resolution

I, George E. Leach, Secretary of Russell Standard Corporation, a Corporation organized under the laws of the state of Pennsylvania, do hereby certify that the following resolution is a full, true and correct copy of a resolution of the Board of Directors of said Corporation, duly and regularly adopted by the Board of Directors in conformance with applicable law and the by-laws of said Corporation on the 1st day of January, 2021.

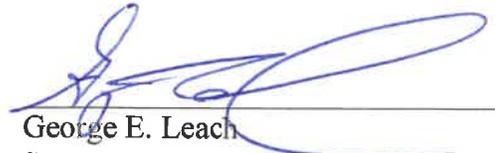
Resolved that:

Mike Rowe – Director of Pavement Preservation

Is hereby authorized and directed to sign on behalf of the Corporation, and bind the Corporation to the terms of such agreements and contracts that may apply to the procurement and execution of construction work and related activities.

I further certify that said resolution has not been amended or revoked and is still in full force and effect.

In witness whereof, I have hereunto set my name as Secretary and affixed the seal of said Corporation, this 1st day of January, 2021.


George E. Leach
Secretary

Contract Item #	Extended Description	Name/Location of Quarry/Source
R-1	Aggregate Hauling Surcharge: Barbour County	BAC1.02.704 Appalachian Aggregates, Lewisburg, WV BAC1.03.704 Appalachian Aggregates, Mill Point, WV MCS1.01.704 Appalachian Aggregates Princeton, WV PMQ1.01.704 Appalachian Aggregates Bluefield, VA PMQ1.02.704 Appalachian Aggregates Pounding Mills, VA SWV1.01.704 Appalachian Aggregates Elkins, WV Ace Aggregates, Parsons, WV
R-2	Aggregate Hauling Surcharge: Berkeley County	IQC1.01.704 Inwood Quarry, Inwood, WV
R-3	Aggregate Hauling Surcharge: Boone County	Valley Stoneyard & Martime Center, Millwood, WV
R-4	Aggregate Hauling Surcharge: Braxton County	BAC1.02.704 Appalachian Aggregates, Lewisburg, WV BAC1.03.704 Appalachian Aggregates, Mill Point, WV MCS1.01.704 Appalachian Aggregates Princeton, WV PMQ1.01.704 Appalachian Aggregates Bluefield, VA PMQ1.02.704 Appalachian Aggregates Pounding Mills, VA SWV1.01.704 Appalachian Aggregates Elkins, WV
R-5	Aggregate Hauling Surcharge: Brooke County	MLS1.01.704 National Lime and Stone, Carey, OH National Lime and Stone, Martins Ferry Laurel Aggregates, Lake Lynn, PA
R-6	Aggregate Hauling Surcharge: Cabell County	Valley Stoneyard & Martime Center, Millwood, WV
R-7	Aggregate Hauling Surcharge: Calhoun County	Martin Marietta, Parkersburg, WV Valley Stoneyard & Martime Center, Millwood, WV Atlas Towing, Parkersburg, WV
R-8	Aggregate Hauling Surcharge: Clay County	BAC1.02.704 Appalachian Aggregates, Lewisburg, WV BAC1.03.704 Appalachian Aggregates, Mill Point, WV Valley Stoneyard & Martime Center, Millwood, WV MCS1.01.704 Appalachian Aggregates Princeton, WV PMQ1.01.704 Appalachian Aggregates Bluefield, VA PMQ1.02.704 Appalachian Aggregates Pounding Mills, VA SWV1.01.704 Appalachian Aggregates Elkins, WV
R-9	Aggregate Hauling Surcharge: Doddridge County	Ace Aggregates, Parsons, WV Laurel Aggregates, Lake Lynn, PA
R-10	Aggregate Hauling Surcharge: Fayette County	BAC1.02.704 Appalachian Aggregates, Lewisburg, WV BAC1.03.704 Appalachian Aggregates, Mill Point, WV RBS1.01.704 RBS (Greystone Quarry) Lewisburg, WV MCS1.01.704 Appalachian Aggregates Princeton, WV PMQ1.01.704 Appalachian Aggregates Bluefield, VA PMQ1.02.704 Appalachian Aggregates Pounding Mills, VA SWV1.01.704 Appalachian Aggregates Elkins, WV
R-11	Aggregate Hauling Surcharge: Gilmer County	BAC1.02.704 Appalachian Aggregates, Lewisburg, WV BAC1.03.704 Appalachian Aggregates, Mill Point, WV MCS1.01.704 Appalachian Aggregates Princeton, WV PMQ1.01.704 Appalachian Aggregates Bluefield, VA PMQ1.02.704 Appalachian Aggregates Pounding Mills, VA SWV1.01.704 Appalachian Aggregates Elkins, WV
R-12	Aggregate Hauling Surcharge: Grant County	FMC1.01.704 Fairfax Materials, Arthur WV FMC1.02.704 Fairfax Materials, Scherr, WV Ace Aggregates, Parsons, WV GIC1.01.704 Greer Industries German Valley, WV GIC1.02.704 Greer Industries Greer, WV

Contract Item #	Extended Description	Name/Location of Quarry/Source
R-13	Aggregate Hauling Surcharge: Greenbrier County	BAC1.02.704 Appalachian Aggregates, Lewisburg, WV BAC1.03.704 Appalachian Aggregates, Mill Point, WV RBS1.01.704 RBS (Greystone Quarry) Lewisburg, WV MCS1.01.704 Appalachian Aggregates Princeton, WV PMQ1.01.704 Appalachian Aggregates Bluefield, VA PMQ1.02.704 Appalachian Aggregates Pounding Mills, VA SWV1.01.704 Appalachian Aggregates Elkins, WV
R-14	Aggregate Hauling Surcharge: Hampshire County	AAC1.01.704 Allegheny Aggregates Short Gap, WV
R-15	Aggregate Hauling Surcharge: Hancock County	MLS1.01.704 National Lime and Stone, Carey, OH National Lime and Stone, Martins Ferry Laurel Aggregates, Lake Lynn, PA
R-16	Aggregate Hauling Surcharge: Hardy County	FMC1.01.704 Fairfax Materials, Arthur WV FMC1.02.704 Fairfax Materials, Scherr, WV Ace Aggregates, Parsons, WV GIC1.01.704 Greer Industries German Valley, WV GIC1.02.704 Greer Industries Greer, WV
R-17	Aggregate Hauling Surcharge: Harrison County	Ace Aggregates, Parsons, WV Laurel Aggregates, Lake Lynn, PA
R-18	Aggregate Hauling Surcharge: Jackson County	Martin Marietta, Parkersburg, WV Valley Stoneyard & Martime Center, Millwood, WV Atlas Towing, Parkersburg, WV
R-19	Aggregate Hauling Surcharge: Jefferson County	IQC1.01.704 Inwood Quarry, Inwood, WV
R-20	Aggregate Hauling Surcharge: Kanawha County	Valley Stoneyard & Martime Center, Millwood, WV
R-21	Aggregate Hauling Surcharge: Lewis County	BAC1.02.704 Appalachian Aggregates, Lewisburg, WV BAC1.03.704 Appalachian Aggregates, Mill Point, WV Ace Aggregates, Parsons, WV MCS1.01.704 Appalachian Aggregates Princeton, WV PMQ1.01.704 Appalachian Aggregates Bluefield, VA PMQ1.02.704 Appalachian Aggregates Pounding Mills, VA SWV1.01.704 Appalachian Aggregates Elkins, WV
R-22	Aggregate Hauling Surcharge: Lincoln County	Valley Stoneyard & Martime Center, Millwood, WV
R-23	Aggregate Hauling Surcharge: Logan County	Valley Stoneyard & Martime Center, Millwood, WV BAC1.02.704 Appalachian Aggregates, Lewisburg, WV BAC1.03.704 Appalachian Aggregates, Mill Point, WV MCS1.01.704 Appalachian Aggregates Princeton, WV PMQ1.01.704 Appalachian Aggregates Bluefield, VA PMQ1.02.704 Appalachian Aggregates Pounding Mills, VA SWV1.01.704 Appalachian Aggregates Elkins, WV
R-24	Aggregate Hauling Surcharge: Marion County	Ace Aggregates, Parsons, WV Laurel Aggregates, Lake Lynn, PA
R-25	Aggregate Hauling Surcharge: Marshall County	MLS1.01.704 National Lime and Stone, Carey, OH National Lime and Stone, Martins Ferry Laurel Aggregates, Lake Lynn, PA
R-26	Aggregate Hauling Surcharge: Mason County	Valley Stoneyard & Martime Center, Millwood, WV

Contract Item #	Extended Description	Name/Location of Quarry/Source
R-27	Aggregate Hauling Surcharge: McDowell County	BAC1.02.704 Appalachian Aggregates, Lewisburg, WV BAC1.03.704 Appalachian Aggregates, Mill Point, WV MCS1.01.704 Appalachian Aggregates Princeton, WV PMQ1.01.704 Appalachian Aggregates Bluefield, VA PMQ1.02.704 Appalachian Aggregates Pounding Mills, VA SWV1.01.704 Appalachian Aggregates Elkins, WV
R-28	Aggregate Hauling Surcharge: Mercer County	BAC1.02.704 Appalachian Aggregates, Lewisburg, WV BAC1.03.704 Appalachian Aggregates, Mill Point, WV Salem Stone Corp. MCS1.01.704 Appalachian Aggregates Princeton, WV PMQ1.01.704 Appalachian Aggregates Bluefield, VA PMQ1.02.704 Appalachian Aggregates Pounding Mills, VA SWV1.01.704 Appalachian Aggregates Elkins, WV
R-29	Aggregate Hauling Surcharge: Mineral County	AAC1.01.704 Allegheny Aggregates Short Gap, WV Ace Aggregates, Parsons, WV
R-30	Aggregate Hauling Surcharge: Mingo County	BAC1.02.704 Appalachian Aggregates, Lewisburg, WV BAC1.03.704 Appalachian Aggregates, Mill Point, WV MCS1.01.704 Appalachian Aggregates Princeton, WV PMQ1.01.704 Appalachian Aggregates Bluefield, VA PMQ1.02.704 Appalachian Aggregates Pounding Mills, VA SWV1.01.704 Appalachian Aggregates Elkins, WV
R-31	Aggregate Hauling Surcharge: Monongalia County	Ace Aggregates, Parsons, WV Laurel Aggregates, Lake Lynn, PA
R-32	Aggregate Hauling Surcharge: Monroe County	BAC1.02.704 Appalachian Aggregates, Lewisburg, WV BAC1.03.704 Appalachian Aggregates, Mill Point, WV RBS1.01.704 RBS (Greystone Quarry) Lewisburg, WV Salem Stone Corp MCS1.01.704 Appalachian Aggregates Princeton, WV PMQ1.01.704 Appalachian Aggregates Bluefield, VA PMQ1.02.704 Appalachian Aggregates Pounding Mills, VA SWV1.01.704 Appalachian Aggregates Elkins, WV
R-33	Aggregate Hauling Surcharge: Morgan County	IQC1.01.704 Inwood Quarry, Inwood, WV
R-34	Aggregate Hauling Surcharge: Nicholas County	BAC1.02.704 Appalachian Aggregates, Lewisburg, WV BAC1.03.704 Appalachian Aggregates, Mill Point, WV RBS1.01.704 RBS (Greystone Quarry) Lewisburg, WV MCS1.01.704 Appalachian Aggregates Princeton, WV PMQ1.01.704 Appalachian Aggregates Bluefield, VA PMQ1.02.704 Appalachian Aggregates Pounding Mills, VA SWV1.01.704 Appalachian Aggregates Elkins, WV
R-35	Aggregate Hauling Surcharge: Ohio County	MLS1.01.704 National Lime and Stone, Carey, OH National Lime and Stone, Martins Ferry Laurel Aggregates, Lake Lynn, PA
R-36	Aggregate Hauling Surcharge: Pendleton County	BAC1.02.704 Appalachian Aggregates, Lewisburg, WV BAC1.03.704 Appalachian Aggregates, Mill Point, WV FMC1.01.704 Fairfax Materials, Arthur WV FMC1.02.704 Fairfax Materials, Scherr, WV MCS1.01.704 Appalachian Aggregates Princeton, WV PMQ1.01.704 Appalachian Aggregates Bluefield, VA PMQ1.02.704 Appalachian Aggregates Pounding Mills, VA SWV1.01.704 Appalachian Aggregates Elkins, WV Ace Aggregates, Parsons, WV

Contract Item #	Extended Description	Name/Location of Quarry/Source
		GIC1.01.704 Greer Industries German Valley, WV GIC1.02.704 Greer Industries Greer, WV
R-37	Aggregate Hauling Surcharge: Pleasants County	Martin Marietta, Parkersburg, WV Valley Stoneyard & Martime Center, Millwood, WV Atlas Towing, Parkersburg, WV
R-38	Aggregate Hauling Surcharge: Pocahontas County	BAC1.02.704 Appalachian Aggregates, Lewisburg, WV BAC1.03.704 Appalachian Aggregates, Mill Point, WV GIC1.01.704 Greer Industries German Valley, WV GIC1.02.704 Greer Industries Greer, WV MCS1.01.704 Appalachian Aggregates Princeton, WV PMQ1.01.704 Appalachian Aggregates Bluefield, VA PMQ1.02.704 Appalachian Aggregates Pounding Mills, VA SWV1.01.704 Appalachian Aggregates Elkins, WV RBS1.01.704 RBS (Greystone Quarry) Lewisburg, WV
R-39	Aggregate Hauling Surcharge: Preston County	Ace Aggregates, Parsons, WV Laurel Aggregates, Lake Lynn, PA
R-40	Aggregate Hauling Surcharge: Putnam County	Valley Stoneyard & Martime Center, Millwood, WV
R-41	Aggregate Hauling Surcharge: Raleigh County	BAC1.02.704 Appalachian Aggregates, Lewisburg, WV BAC1.03.704 Appalachian Aggregates, Mill Point, WV MCS1.01.704 Appalachian Aggregates Princeton, WV PMQ1.01.704 Appalachian Aggregates Bluefield, VA PMQ1.02.704 Appalachian Aggregates Pounding Mills, VA SWV1.01.704 Appalachian Aggregates Elkins, WV
R-42	Aggregate Hauling Surcharge: Randolph County	BAC1.02.704 Appalachian Aggregates, Lewisburg, WV BAC1.03.704 Appalachian Aggregates, Mill Point, WV Ace Aggregates, Parsons, WV GIC1.01.704 Greer Industries German Valley, WV MCS1.01.704 Appalachian Aggregates Princeton, WV PMQ1.01.704 Appalachian Aggregates Bluefield, VA PMQ1.02.704 Appalachian Aggregates Pounding Mills, VA SWV1.01.704 Appalachian Aggregates Elkins, WV GIC1.02.704 Greer Industries Greer, WV
R-43	Aggregate Hauling Surcharge: Ritchie County	Martin Marietta, Parkersburg, WV Valley Stoneyard & Martime Center, Millwood, WV Atlas Towing, Parkersburg, WV
R-44	Aggregate Hauling Surcharge: Roane County	Martin Marietta, Parkersburg, WV Valley Stoneyard & Martime Center, Millwood, WV Atlas Towing, Parkersburg, WV
R-45	Aggregate Hauling Surcharge: Summers County	BAC1.02.704 Appalachian Aggregates, Lewisburg, WV BAC1.03.704 Appalachian Aggregates, Mill Point, WV RBS1.01.704 RBS (Greystone Quarry) Lewisburg, WV MCS1.01.704 Appalachian Aggregates Princeton, WV PMQ1.01.704 Appalachian Aggregates Bluefield, VA PMQ1.02.704 Appalachian Aggregates Pounding Mills, VA SWV1.01.704 Appalachian Aggregates Elkins, WV
R-46	Aggregate Hauling Surcharge: Taylor County	Ace Aggregates, Parsons, WV Laurel Aggregates, Lake Lynn, PA
R-47	Aggregate Hauling Surcharge: Tucker County	FMC1.01.704 Fairfax Materials, Arthur WV FMC1.02.704 Fairfax Materials, Scherr, WV Ace Aggregates, Parsons, WV

Contract Item #	Extended Description	Name/Location of Quarry/Source
		GIC1.01.704 Greer Industries German Valley, WV GIC1.02.704 Greer Industries Greer, WV
R-48	Aggregate Hauling Surcharge: Tyler County	MLS1.01.704 National Lime and Stone, Carey, OH National Lime and Stone, New Martinsville Laurel Aggregates, Lake Lynn, PA
R-49	Aggregate Hauling Surcharge: Upshur County	BAC1.02.704 Appalachian Aggregates, Lewisburg, WV BAC1.03.704 Appalachian Aggregates, Mill Point, WV Ace Aggregates, Parsons, WV MCS1.01.704 Appalachian Aggregates Princeton, WV PMQ1.01.704 Appalachian Aggregates Bluefield, VA PMQ1.02.704 Appalachian Aggregates Pounding Mills, VA SWV1.01.704 Appalachian Aggregates Elkins, WV
R-50	Aggregate Hauling Surcharge: Wayne County	Valley Stoneyard & Martime Center, Millwood, WV
R-51	Aggregate Hauling Surcharge: Webster County	BAC1.02.704 Appalachian Aggregates, Lewisburg, WV BAC1.03.704 Appalachian Aggregates, Mill Point, WV MCS1.01.704 Appalachian Aggregates Princeton, WV PMQ1.01.704 Appalachian Aggregates Bluefield, VA PMQ1.02.704 Appalachian Aggregates Pounding Mills, VA SWV1.01.704 Appalachian Aggregates Elkins, WV
R-52	Aggregate Hauling Surcharge: Wetzel County	MLS1.01.704 National Lime and Stone, Carey, OH National Lime and Stone, New Martinsville Laurel Aggregates, Lake Lynn, PA
R-53	Aggregate Hauling Surcharge: Wirt County	Martin Marietta, Parkersburg, WV Atlas Towing, Parkersburg, WV Valley Stoneyard & Martime Center, Millwood, WV
R-54	Aggregate Hauling Surcharge: Wood County	Martin Marietta, Parkersburg, WV Valley Stoneyard & Martime Center, Millwood, WV Atlas Towing, Parkersburg, WV
R-55	Aggregate Hauling Surcharge: Wyoming County	BAC1.02.704 Appalachian Aggregates, Lewisburg, WV BAC1.03.704 Appalachian Aggregates, Mill Point, WV MCS1.01.704 Appalachian Aggregates Princeton, WV PMQ1.01.704 Appalachian Aggregates Bluefield, VA PMQ1.02.704 Appalachian Aggregates Pounding Mills, VA SWV1.01.704 Appalachian Aggregates Elkins, WV

ATTACHMENT A (ATT A) - PRICING PAGES (Revised 2/1/2021)

Asphalt Preservation and Pavement Markings, Materials, Equipment and Labor by Vendor - by Location per County

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<input checked="" type="checkbox"/> Berkeley	<input type="checkbox"/> Fayette	<input type="checkbox"/> Jackson	<input type="checkbox"/> Mason	<input type="checkbox"/> Nicholas	<input checked="" type="checkbox"/> Randolph	<input type="checkbox"/> Wayne
<input type="checkbox"/> Boone	<input type="checkbox"/> Gilmer	<input checked="" type="checkbox"/> Jefferson	<input type="checkbox"/> McDowell	<input type="checkbox"/> Ohio	<input type="checkbox"/> Ritchie	<input type="checkbox"/> Webster
<input type="checkbox"/> Braxton	<input checked="" type="checkbox"/> Grant	<input type="checkbox"/> Kanawha	<input type="checkbox"/> Mercer	<input checked="" type="checkbox"/> Pendleton	<input type="checkbox"/> Roane	<input type="checkbox"/> Wetzel
<input type="checkbox"/> Brooke	<input type="checkbox"/> Greenbrier	<input type="checkbox"/> Lewis	<input checked="" type="checkbox"/> Mineral	<input type="checkbox"/> Pleasants	<input type="checkbox"/> Summers	<input type="checkbox"/> Wirt
<input type="checkbox"/> Cabell	<input checked="" type="checkbox"/> Hampshire	<input type="checkbox"/> Lincoln	<input type="checkbox"/> Mingo	<input checked="" type="checkbox"/> Pocahontas	<input type="checkbox"/> Taylor	<input type="checkbox"/> Wood
<input type="checkbox"/> Calhoun	<input type="checkbox"/> Hancock	<input type="checkbox"/> Logan	<input type="checkbox"/> Monongalia	<input type="checkbox"/> Preston	<input checked="" type="checkbox"/> Tucker	<input type="checkbox"/> Wyoming
<input type="checkbox"/> Clay	<input checked="" type="checkbox"/> Hardy	<input type="checkbox"/> Marion	<input type="checkbox"/> Monroe	<input type="checkbox"/> Putnam	<input type="checkbox"/> Tyler	

Contract Item #	Extended Description	Name/Location of Material Supplier/Source*	Vendor's Storage Location	Unit of Measure	Size of Project	List Price
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* For Asphalt Preservation, list emulsion/binder sources below and list aggregates in the Aggregate Surcharge by County, Item Q)

Chip Seal

A-1	Chip Seal, Light	Asphalt Materials, AMC1.01.705	1514 Black Gap Road	SY	Less than 20,000	\$ 1.95
		Hammaker East, HEC1.01.705	Fayetteville, PA 17222		20,000 - 50,000	\$ 1.69
		Russell Standard, RSC1.01.400			50,001 - 100,000	\$ 1.23
		Russell Standard, EAE1.01.705			100,001 or greater	\$ 1.12
A-2	Chip Seal, Single	Asphalt Materials, AMC1.01.705	1514 Black Gap Road	SY	Less than 20,000	\$ 2.06
		Hammaker East, HEC1.01.705	Fayetteville, PA 17222		20,000 - 50,000	\$ 1.88
		Russell Standard, RSC1.01.400			50,001 - 100,000	\$ 1.64
		Russell Standard, EAE1.01.705			100,001 or greater	\$ 1.57
A-3	Chip Seal, Double	Asphalt Materials, AMC1.01.705	1514 Black Gap Road	SY	Less than 20,000	\$ 3.61
		Hammaker East, HEC1.01.705	Fayetteville, PA 17222		20,000 - 50,000	\$ 3.34
		Russell Standard, RSC1.01.400			50,001 - 100,000	\$ 3.15
		Russell Standard, EAE1.01.705			100,001 or greater	\$ 2.97
A-4	Chip Seal, Triple	Asphalt Materials, AMC1.01.705	1514 Black Gap Road	SY	Less than 20,000	\$ 5.80
		Hammaker East, HEC1.01.705	Fayetteville, PA 17222		20,000 - 50,000	\$ 5.73
		Russell Standard, RSC1.01.400			50,001 - 100,000	\$ 5.46
		Russell Standard, EAE1.01.705			100,001 or greater	\$ 5.43
A-5	Surcharge for Polymer Modified Cationic Emulsified Asphalt, Per Application Type	Asphalt Materials, AMC1.01.705	1514 Black Gap Road	SY	Light (A-1)	\$ 0.16
		Hammaker East, HEC1.01.705	Fayetteville, PA 17222		Single (A-2)	\$ 0.22
		Russell Standard, RSC1.01.400			Double (A-3)	\$ 0.30
		Russell Standard, EAE1.01.705			Triple (A-4)	\$ 0.48
P1-A	Mobilization for First Mile, Chip Seal	-----	-----	Mile	-----	\$ 3,500.00
P2-A	Mobilization for each Additional Mile, Chip Seal	-----	-----	Mile	-----	\$ 26.95

Fog Seal

B	Fog Seal	Asphalt Materials, AMC1.01.705	1514 Black Gap Road	SY	Less than 20,000	\$ 0.62
		Hammaker East, HEC1.01.705	Fayetteville, PA 17222		20,000 - 50,000	\$ 0.57
		Russell Standard, RSC1.01.400			50,001 - 100,000	\$ 0.55
		Russell Standard, EAE1.01.705			100,001 or greater	\$ 0.53
P1-B	Mobilization for First Mile, Fog Seal	-----	-----	Mile	-----	\$ 1,500.00
P2-B	Mobilization for each Additional Mile, Fog Seal	-----	-----	Mile	-----	\$ 7.95

Tack Coat

C	Tack Coat			SY	Less than 20,000	NO BID
					20,000 - 50,000	NO BID
					50,001 - 100,000	NO BID
					100,001 or greater	NO BID
P1-C	Mobilization for First Mile, Fog Seal	-----	-----	Mile	-----	NO BID
P2-C	Mobilization for each Additional Mile, Fog Seal	-----	-----	Mile	-----	NO BID

Stress Absorbing Membrane Interlayer (SAM)

D	SAM (Stress Absorbing Membrane Interlayer) (Interlayer only; not intended as a stand-alone application)	Asphalt Materials, AMC1.01.705	1514 Black Gap Road	SY	Less than 20,000	\$ 3.98
		Hammaker East, HEC1.01.705	Fayetteville, PA 17222		20,000 - 50,000	\$ 3.78
		Russell Standard, RSC1.01.400			50,001 - 100,000	\$ 3.59
		Russell Standard, EAE1.01.705			100,001 or greater	\$ 3.52
P1-D	Mobilization for First Mile, SAM	-----	-----	Mile	-----	\$ 5,500.00
P2-D	Mobilization for each Additional Mile, SAM	-----	-----	Mile	-----	\$ 31.95

Hot Applied Mastic (HAM)

E	Hot Applied Mastic (HAM)	Crafco - Mastic One	1514 Black Gap Road	POUND	-----	\$ 3.96
			Fayetteville, PA 17222			
P1-E	Mobilization for First Mile, Hot Applied Mastic (HAM)	-----	-----	Mile	-----	\$ 1,500.00
P2-E	Mobilization for each Additional Mile, Hot Applied Mastic (HAM)	-----	-----	Mile	-----	\$ 9.45

Asphalt Emulsion Slurry Seal Coat

F	Asphalt Emulsion Slurry Seal Coat			SY	Less than 20,000	NO BID
					20,000 - 50,000	NO BID
					50,001 - 100,000	NO BID
					100,001 or greater	NO BID
P1-F	Mobilization for First Mile, Asphalt Emulsion Slurry Seal Coat	-----	-----	Mile	-----	NO BID
P2-F	Mobilization for each Additional Mile, Asphalt Emulsion Slurry Seal Coat	-----	-----	Mile	-----	NO BID

Micro Surface

G-1	Micro Surface - Type 2FA - Single Course			SY	Less than 20,000	NO BID
					20,000 - 50,000	NO BID
					50,001 - 100,000	NO BID
					100,001 or greater	NO BID
G-2	Micro Surface - Type 2FA - Multiple Course			SY	Less than 20,000	NO BID
					20,000 - 50,000	NO BID
					50,001 - 100,000	NO BID
					100,001 or greater	NO BID
G-3	Micro Surface - Type 3FA - Single Course			SY	Less than 20,000	NO BID
					20,000 - 50,000	NO BID
					50,001 - 100,000	NO BID
					100,001 or greater	NO BID

ATTACHMENT A (ATT A) - PRICING PAGES (Revised 2/1/2021)

Asphalt Preservation and Pavement Markings, Materials, Equipment and Labor by Vendor - by Location per County

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<input checked="" type="checkbox"/> Berkeley	<input type="checkbox"/> Fayette	<input type="checkbox"/> Jackson	<input type="checkbox"/> Mason	<input type="checkbox"/> Nicholas	<input checked="" type="checkbox"/> Randolph	<input type="checkbox"/> Wayne
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Contract Item #	Extended Description	Name/Location of Material Supplier/Source*	Vendor's Storage Location	Unit of Measure	Size of Project	List Price
					100,001 or greater	NO BID
G-4	Micro Surface - Type 3FA - Multiple Course			SY	Less than 20,000	NO BID
					20,000 - 50,000	NO BID
					50,001 - 100,000	NO BID
					100,001 or greater	NO BID
G-5	Micro Surface - 3' Wide, Single Course			SY	Less than 20,000	NO BID
					20,000 - 50,000	NO BID
					50,001 - 100,000	NO BID
					100,001 or greater	NO BID
H	Micro Surface, Rut Fill			Ton	Less than 200	NO BID
					201 - 500	NO BID
					501 - 1,000	NO BID
					1,001 and greater	NO BID
P1-G	Mobilization for First Mile, Micro Surface	-----	-----	Mile	-----	NO BID
P2-G	Mobilization for each Additional Mile, Micro Surface	-----	-----	Mile	-----	NO BID

Crack Sealing, 1" or Less

K	Crack Sealing, 1" or Less		1514 Black Gap Road Fayetteville, PA 17222	LF	Less than 20,000	\$ 0.77
					20,000 - 50,000	\$ 0.68
					50,001 - 100,000	\$ 0.60
					100,001 or greater	\$ 0.57
P1-K	Mobilization for First Mile	-----	-----	Mile	-----	\$ 595.00
P2-K	Mobilization for each Additional Mile, Crack Sealing	-----	-----	Mile	-----	\$ 9.45

Eradication (Removal) of Pavement Markings

L-1	Eradication of Thermoplastic Markings (Line markings such as crosswalks, stop bars and channelizing lines)			LF	-----	NO BID
L-2	Eradication of Thermoplastic Markings (Symbols such as arrows and railroad crossing markings)			Each	-----	NO BID
L-3	Eradication of Raised Pavement Markers			Each	-----	NO BID
P1-L	Mobilization for First Mile	-----	-----	Mile	-----	NO BID
P2-L	Mobilization for each Additional Mile, Eradicating RPMs	-----	-----	Mile	-----	NO BID

Temporary Pavement Markings, Installed

M-1	Temporary Pavement Marking - Paint			LF	-----	NO BID
M-2	Temporary Pavement Marking Type VII-A			LF	-----	NO BID
M-3	Temporary Pavement Marking - Type VII-B			LF	-----	NO BID
M-4	Temporary Pavement Marking - Type VII-C			LF	-----	NO BID
M-5	Temporary Raised Pavement Marker			Each	-----	NO BID
P1-M	Mobilization for First Mile	-----	-----	Mile	-----	NO BID
P2-M	Mobilization for Each Additional Mile, Temp Pavement Markings	-----	-----	Mile	-----	NO BID

Type V Pre-Formed Pavement Markings, Installed

N-1	4" Longitudinal Line, White - Installed			LF	-----	NO BID
N-2	4" Longitudinal Line, White, with Black Contrast - Installed			LF	-----	NO BID
N-3	4" Longitudinal Line, Yellow - Installed			LF	-----	NO BID
N-4	4" Longitudinal Line, Blue - Installed			LF	-----	NO BID
N-5	4" Longitudinal Line, Black - Installed			LF	-----	NO BID
N-6	4" SKID RESISTANCE ENHANCED Longitudinal Line, Blue - Installed			LF	-----	NO BID
N-7	6" Longitudinal Line, White - Installed			LF	-----	NO BID
N-8	6" Longitudinal Line, White with Black Contrast - Installed			LF	-----	NO BID
N-9	6" Longitudinal Line, Black - Installed			LF	-----	NO BID
N-10	6" Longitudinal Line, Yellow - Installed			LF	-----	NO BID
N-11	6" Longitudinal Line, Grey - Installed			LF	-----	NO BID
N-12	8" Longitudinal Line, White - Installed			LF	-----	NO BID
N-13	8" Longitudinal Line, White with Black Contrast - Installed			LF	-----	NO BID
N-14	8" Longitudinal Line, Yellow - Installed			LF	-----	NO BID

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<input type="checkbox"/> Calhoun	<input type="checkbox"/> Hancock	<input type="checkbox"/> Logan	<input type="checkbox"/> Monongalia	<input type="checkbox"/> Preston	<input checked="" type="checkbox"/> Tucker	<input type="checkbox"/> Wyoming
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N-15	12" Longitudinal Line, White - Installed			LF	-----	NO BID
N-16	12" SKID RESISTANCE ENHANCED Longitudinal Line, White - Installed			LF	-----	NO BID
N-17	12" Longitudinal Line, Yellow - Installed			LF	-----	NO BID
N-18	12" Longitudinal Line, Black - Installed			LF	-----	NO BID
N-19	12" Longitudinal Line, Grey - Installed			LF	-----	NO BID
N-20	24" Longitudinal Line, White - Installed			LF	-----	NO BID
N-21	Straight Arrow 12" @ Bottom of Shaft 3'-3" x 9'-10" - Installed			Each	-----	NO BID
N-22	Straight Arrow with Black Contrast 12" at Bottom of Shaft, 3'3" x 9'10" - Installed			Each	-----	NO BID
N-23	Curved Arrow, Left, 12" at Bottom of Shaft, 6'-3" x 8'-2" - Installed			Each	-----	NO BID
N-24	Curved Arrow, Left with Black Contrast, 12" at Bottom of Shaft, 6'-3" x 8'-2" - Installed			Each	-----	NO BID
N-25	Curved Arrow, Right, 12" at Bottom of Shaft, 6'-3" x 8'-2" - Installed			Each	-----	NO BID
N-26	Curved Arrow, Right, with Black Contrast, 12" at Bottom of Shaft, 6'-3" x 8'-2" - Installed			Each	-----	NO BID
N-27	Combination Arrow 12" at Bottom of Shaft, 7'-4" x 13'-1" (Left or Right, Specified at Time of Order) - Installed			Each	-----	NO BID
N-28	Combination Arrow with Black Contrast 12" at Bottom of Shaft, 7'-4" x 13'-1" (Left or Right, Specified at Time of Order) - Installed			Each	-----	NO BID
N-29	"ONLY" 6'-8" x 8'-0" - Installed			Each	-----	NO BID
N-30	"STOP" 7'-4" x 8'-0" - Installed			Each	-----	NO BID
N-31	"AHEAD" 8'-10" x 8'-0" - Installed			Each	-----	NO BID
N-32	"SCHOOL" 11'-4" x 8'-0" - Installed			Each	-----	NO BID
N-33	"SCHOOL" 14'-6" x 10'-0" - Installed			Each	-----	NO BID
N-34	Right Side Lane Drop Arrow (Points to the Left) - Installed			Each	-----	NO BID
N-35	Left Side Lane Drop Arrow (Points to the Right) - Installed			Each	-----	NO BID
N-36	Railroad Crossing R's 12"x78", "X" 16", "20" height, 42" Width - Installed			Each	-----	NO BID
N-37	White Handicap Symbol with Blue Background, 48" square - Installed			Each	-----	NO BID
N-38	Yield Line Triangle, 24" x 36" - Installed			Each	-----	NO BID
N-39	Freeway Ramp Wrong Way Arrow 8' wide - Installed			Each	-----	NO BID
N-40	SKID RESISTANCE ENHANCED Bicycle with Rider and Helmet Symbol, 24" x 48". Bicycle to Point to the Left - Installed			Each	-----	NO BID
N-41	Shared Lane Bike Symbol 9'-4" x 3'-4" SKID RESISTANCE ENHANCED - Installed			Each	-----	NO BID
N-42	One Head Roundabout Arrow, White, Left - Installed			Each	-----	NO BID
N-43	One Head Roundabout Arrow, White, Straight - Installed			Each	-----	NO BID
N-44	Two Head Roundabout Arrow, White, Left/Right - Installed			Each	-----	NO BID
N-45	Two Head Roundabout Arrow, White, Left/Straight - Installed			Each	-----	NO BID
N-46	Two Head Roundabout Arrow, White, Right/Straight - Installed			Each	-----	NO BID
N-47	Three Head Roundabout Arrow, White, Left/Right/Straight - Installed			Each	-----	NO BID
P1-N	Mobilization for First Mile	-----	-----	Mile	-----	NO BID
P2-N	Mobilization for Each Additional Mile, Type V Pavement Markings	-----	-----	Mile	-----	NO BID

Raised Pavement Markings, Installed

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<input checked="" type="checkbox"/> Berkeley	<input type="checkbox"/> Fayette	<input type="checkbox"/> Jackson	<input type="checkbox"/> Mason	<input type="checkbox"/> Nicholas	<input checked="" type="checkbox"/> Randolph	<input type="checkbox"/> Wayne
<input type="checkbox"/> Boone	<input type="checkbox"/> Gilmer	<input checked="" type="checkbox"/> Jefferson	<input type="checkbox"/> McDowell	<input type="checkbox"/> Ohio	<input type="checkbox"/> Ritchie	<input type="checkbox"/> Webster
<input type="checkbox"/> Braxton	<input checked="" type="checkbox"/> Grant	<input type="checkbox"/> Kanawha	<input type="checkbox"/> Mercer	<input checked="" type="checkbox"/> Pendleton	<input type="checkbox"/> Roane	<input type="checkbox"/> Wetzel
<input type="checkbox"/> Brooke	<input type="checkbox"/> Greenbrier	<input type="checkbox"/> Lewis	<input checked="" type="checkbox"/> Mineral	<input type="checkbox"/> Pleasants	<input type="checkbox"/> Summers	<input type="checkbox"/> Wirt
<input type="checkbox"/> Cabell	<input checked="" type="checkbox"/> Hampshire	<input type="checkbox"/> Lincoln	<input type="checkbox"/> Mingo	<input checked="" type="checkbox"/> Pocahontas	<input type="checkbox"/> Taylor	<input type="checkbox"/> Wood
<input type="checkbox"/> Calhoun	<input type="checkbox"/> Hancock	<input type="checkbox"/> Logan	<input type="checkbox"/> Monongalia	<input type="checkbox"/> Preston	<input checked="" type="checkbox"/> Tucker	<input type="checkbox"/> Wyoming
<input type="checkbox"/> Clay	<input checked="" type="checkbox"/> Hardy	<input type="checkbox"/> Marion	<input type="checkbox"/> Monroe	<input type="checkbox"/> Putnam	<input type="checkbox"/> Tyler	

Contract Item #	Extended Description	Name/Location of Material Supplier/Source*	Vendor's Storage Location	Unit of Measure	Size of Project	List Price
0-1	Type P-2 Raised Pavement Marker - Installed			Each	-----	NO BID
0-2	Type R-4 Raised Pavement Marker - Installed			Each	-----	NO BID
P1-0	Mobilization for First Mile	-----	-----	Mile	-----	NO BID
P2-0	Mobilization for Each Additional Mile, RPMs Installed	-----	-----	Mile	-----	NO BID

Maintaining Traffic by Vendor

0-1	Pilot Truck and Driver			Day	-----	\$ 585.00
0-2	Traffic Control Devices			Unit	-----	\$ 0.90
0-3	Flagger			Hour	-----	\$ 60.00
0-4	Arrow Board			Day	-----	\$ 60.50

Aggregate Hauling Surcharge Per County:

Contract Item #	Extended Description	Name/Location of Quarry/Source	Vendor's Storage Location	Unit of Measure	Size of Project	List Price
R-1	Aggregate Hauling Surcharge: Barbour County	See Stone Sources Attachment		Ton	-----	
R-2	Aggregate Hauling Surcharge: Berkeley County	See Stone Sources Attachment		Ton	-----	\$ 1.50
R-3	Aggregate Hauling Surcharge: Boone County	See Stone Sources Attachment		Ton	-----	
R-4	Aggregate Hauling Surcharge: Braxton County	See Stone Sources Attachment		Ton	-----	
R-5	Aggregate Hauling Surcharge: Brooke County	See Stone Sources Attachment		Ton	-----	
R-6	Aggregate Hauling Surcharge: Cabell County	See Stone Sources Attachment		Ton	-----	
R-7	Aggregate Hauling Surcharge: Calhoun County	See Stone Sources Attachment		Ton	-----	
R-8	Aggregate Hauling Surcharge: Clay County	See Stone Sources Attachment		Ton	-----	
R-9	Aggregate Hauling Surcharge: Doddridge County	See Stone Sources Attachment		Ton	-----	
R-10	Aggregate Hauling Surcharge: Fayette County	See Stone Sources Attachment		Ton	-----	
R-11	Aggregate Hauling Surcharge: Gilmer County	See Stone Sources Attachment		Ton	-----	
R-12	Aggregate Hauling Surcharge: Grant County	See Stone Sources Attachment		Ton	-----	\$ 2.00
R-13	Aggregate Hauling Surcharge: Greenbrier County	See Stone Sources Attachment		Ton	-----	
R-14	Aggregate Hauling Surcharge: Hampshire County	See Stone Sources Attachment		Ton	-----	\$ 6.50
R-15	Aggregate Hauling Surcharge: Hancock County	See Stone Sources Attachment		Ton	-----	
R-16	Aggregate Hauling Surcharge: Hardy County	See Stone Sources Attachment		Ton	-----	\$ 7.50
R-17	Aggregate Hauling Surcharge: Harrison County	See Stone Sources Attachment		Ton	-----	
R-18	Aggregate Hauling Surcharge: Jackson County	See Stone Sources Attachment		Ton	-----	
R-19	Aggregate Hauling Surcharge: Jefferson County	See Stone Sources Attachment		Ton	-----	\$ 1.50
R-20	Aggregate Hauling Surcharge: Kanawha County	See Stone Sources Attachment		Ton	-----	
R-21	Aggregate Hauling Surcharge: Lewis County	See Stone Sources Attachment		Ton	-----	
R-22	Aggregate Hauling Surcharge: Lincoln County	See Stone Sources Attachment		Ton	-----	
R-23	Aggregate Hauling Surcharge: Logan County	See Stone Sources Attachment		Ton	-----	
R-24	Aggregate Hauling Surcharge: Marion County	See Stone Sources Attachment		Ton	-----	
R-25	Aggregate Hauling Surcharge: Marshall County	See Stone Sources Attachment		Ton	-----	
R-26	Aggregate Hauling Surcharge: Mason County	See Stone Sources Attachment		Ton	-----	
R-27	Aggregate Hauling Surcharge: McDowell County	See Stone Sources Attachment		Ton	-----	
R-28	Aggregate Hauling Surcharge: Mercer County	See Stone Sources Attachment		Ton	-----	
R-29	Aggregate Hauling Surcharge: Mineral County	See Stone Sources Attachment		Ton	-----	\$ 1.50
R-30	Aggregate Hauling Surcharge: Mingo County	See Stone Sources Attachment		Ton	-----	
R-31	Aggregate Hauling Surcharge: Monongalia County	See Stone Sources Attachment		Ton	-----	

ATTACHMENT A (ATT A) - PRICING PAGES (Revised 2/1/2021)
Asphalt Preservation and Pavement Markings, Materials, Equipment and Labor by Vendor - by Location per County

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<input type="checkbox"/> Boone	<input type="checkbox"/> Gilmer	<input checked="" type="checkbox"/> Jefferson	<input type="checkbox"/> McDowell	<input type="checkbox"/> Ohio	<input type="checkbox"/> Ritchie	<input type="checkbox"/> Webster
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<input type="checkbox"/> Brooke	<input type="checkbox"/> Greenbrier	<input type="checkbox"/> Lewis	<input checked="" type="checkbox"/> Mineral	<input type="checkbox"/> Pleasants	<input type="checkbox"/> Summers	<input type="checkbox"/> Wirt
<input type="checkbox"/> Cabell	<input checked="" type="checkbox"/> Hampshire	<input type="checkbox"/> Lincoln	<input type="checkbox"/> Mingo	<input checked="" type="checkbox"/> Pocahontas	<input type="checkbox"/> Taylor	<input type="checkbox"/> Wood
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Contract Item #	Extended Description	Name/Location of Material Supplier/Source*	Vendor's Storage Location	Unit of Measure	Size of Project	List Price
R-32	Aggregate Hauling Surcharge: Monroe County	See Stone Sources Attachment		Ton	-----	
R-33	Aggregate Hauling Surcharge: Morgan County	See Stone Sources Attachment		Ton	-----	\$ 3.50
R-34	Aggregate Hauling Surcharge: Nicholas County	See Stone Sources Attachment		Ton	-----	
R-35	Aggregate Hauling Surcharge: Ohio County	See Stone Sources Attachment		Ton	-----	
R-36	Aggregate Hauling Surcharge: Pendleton County	See Stone Sources Attachment		Ton	-----	\$ 3.50
R-37	Aggregate Hauling Surcharge: Pleasants County	See Stone Sources Attachment		Ton	-----	
R-38	Aggregate Hauling Surcharge: Pocahontas County	See Stone Sources Attachment		Ton	-----	\$ 20.00
R-39	Aggregate Hauling Surcharge: Preston County	See Stone Sources Attachment		Ton	-----	
R-40	Aggregate Hauling Surcharge: Putnam County	See Stone Sources Attachment		Ton	-----	
R-41	Aggregate Hauling Surcharge: Raleigh County	See Stone Sources Attachment		Ton	-----	
R-42	Aggregate Hauling Surcharge: Randolph County	See Stone Sources Attachment		Ton	-----	\$ 6.00
R-43	Aggregate Hauling Surcharge: Ritchie County	See Stone Sources Attachment		Ton	-----	
R-44	Aggregate Hauling Surcharge: Roane County	See Stone Sources Attachment		Ton	-----	
R-45	Aggregate Hauling Surcharge: Summers County	See Stone Sources Attachment		Ton	-----	
R-46	Aggregate Hauling Surcharge: Taylor County	See Stone Sources Attachment		Ton	-----	
R-47	Aggregate Hauling Surcharge: Tucker County	See Stone Sources Attachment		Ton	-----	\$ 17.00
R-48	Aggregate Hauling Surcharge: Tyler County	See Stone Sources Attachment		Ton	-----	
R-49	Aggregate Hauling Surcharge: Upshur County	See Stone Sources Attachment		Ton	-----	
R-50	Aggregate Hauling Surcharge: Wayne County	See Stone Sources Attachment		Ton	-----	
R-51	Aggregate Hauling Surcharge: Webster County	See Stone Sources Attachment		Ton	-----	
R-52	Aggregate Hauling Surcharge: Wetzel County	See Stone Sources Attachment		Ton	-----	
R-53	Aggregate Hauling Surcharge: Wirt County	See Stone Sources Attachment		Ton	-----	
R-54	Aggregate Hauling Surcharge: Wood County	See Stone Sources Attachment		Ton	-----	
R-55	Aggregate Hauling Surcharge: Wyoming County	See Stone Sources Attachment		Ton	-----	

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<input checked="" type="checkbox"/> Boone	<input checked="" type="checkbox"/> Gilmer	<input type="checkbox"/> Jefferson	<input checked="" type="checkbox"/> McDowell	<input type="checkbox"/> Ohio	<input checked="" type="checkbox"/> Ritchie	<input checked="" type="checkbox"/> Webster
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<input checked="" type="checkbox"/> Cabell	<input type="checkbox"/> Hampshire	<input checked="" type="checkbox"/> Lincoln	<input checked="" type="checkbox"/> Mingo	<input type="checkbox"/> Pocahontas	<input type="checkbox"/> Taylor	<input checked="" type="checkbox"/> Wood
<input checked="" type="checkbox"/> Calhoun	<input type="checkbox"/> Hancock	<input checked="" type="checkbox"/> Logan	<input type="checkbox"/> Monongalia	<input type="checkbox"/> Preston	<input type="checkbox"/> Tucker	<input checked="" type="checkbox"/> Wyoming
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Contract Item #	Extended Description	Name/Location of Material Supplier/Source*	Vendor's Storage Location	Unit of Measure	Size of Project	List Price
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* For Asphalt Preservation, list emulsion/binder sources below and list aggregates in the Aggregate Surcharge by County, Item Q)

Chip Seal

A-1	Chip Seal, Light	Asphalt Materials, AMC1.01.705	5651 SR 821, Whipple, OH 45788	SY	Less than 20,000	\$ 1.95
		Hammaker East, HEC1.01.705			20,000 - 50,000	\$ 1.69
		Russell Standard, RSC1.01.400			50,001 - 100,000	\$ 1.23
		Russell Standard, EAE1.01.705			100,001 or greater	\$ 1.12
A-2	Chip Seal, Single	Asphalt Materials, AMC1.01.705	5651 SR 821, Whipple, OH 45788	SY	Less than 20,000	\$ 2.06
		Hammaker East, HEC1.01.705			20,000 - 50,000	\$ 1.88
		Russell Standard, RSC1.01.400			50,001 - 100,000	\$ 1.64
		Russell Standard, EAE1.01.705			100,001 or greater	\$ 1.57
A-3	Chip Seal, Double	Asphalt Materials, AMC1.01.705	5651 SR 821, Whipple, OH 45788	SY	Less than 20,000	\$ 3.61
		Hammaker East, HEC1.01.705			20,000 - 50,000	\$ 3.34
		Russell Standard, RSC1.01.400			50,001 - 100,000	\$ 3.15
		Russell Standard, EAE1.01.705			100,001 or greater	\$ 2.97
A-4	Chip Seal, Triple	Asphalt Materials, AMC1.01.705	5651 SR 821, Whipple, OH 45788	SY	Less than 20,000	\$ 5.80
		Hammaker East, HEC1.01.705			20,000 - 50,000	\$ 5.73
		Russell Standard, RSC1.01.400			50,001 - 100,000	\$ 5.46
		Russell Standard, EAE1.01.705			100,001 or greater	\$ 5.43
A-5	Surcharge for Polymer Modified Cationic Emulsified Asphalt, Per Application Type	Asphalt Materials, AMC1.01.705	5651 SR 821, Whipple, OH 45788	SY	Light (A-1)	\$ 0.16
		Hammaker East, HEC1.01.705			Single (A-2)	\$ 0.22
		Russell Standard, RSC1.01.400			Double (A-3)	\$ 0.30
		Russell Standard, EAE1.01.705			Triple (A-4)	\$ 0.48
P1-A	Mobilization for First Mile, Chip Seal	-----	-----	Mile	-----	\$ 3,500.00
P2-A	Mobilization for each Additional Mile, Chip Seal	-----	-----	Mile	-----	\$ 26.95

Fog Seal

B	Fog Seal	Asphalt Materials, AMC1.01.705	5651 SR 821, Whipple, OH 45788	SY	Less than 20,000	\$ 0.62
		Hammaker East, HEC1.01.705			20,000 - 50,000	\$ 0.57
		Russell Standard, RSC1.01.400			50,001 - 100,000	\$ 0.55
		Russell Standard, EAE1.01.705			100,001 or greater	\$ 0.53
P1-B	Mobilization for First Mile, Fog Seal	-----	-----	Mile	-----	\$ 1,500.00
P2-B	Mobilization for each Additional Mile, Fog Seal	-----	-----	Mile	-----	\$ 7.95

Tack Coat

C	Tack Coat			SY	Less than 20,000	NO BID
					20,000 - 50,000	NO BID
					50,001 - 100,000	NO BID
					100,001 or greater	NO BID
P1-C	Mobilization for First Mile, Fog Seal	-----	-----	Mile	-----	NO BID
P2-C	Mobilization for each Additional Mile, Fog Seal	-----	-----	Mile	-----	NO BID

Stress Absorbing Membrane Interlayer (SAM)

D	SAM (Stress Absorbing Membrane Interlayer) (Interlayer only; not intended as a stand-alone application)	Asphalt Materials, AMC1.01.705	5651 SR 821, Whipple, OH 45788	SY	Less than 20,000	\$ 3.98
		Hammaker East, HEC1.01.705			20,000 - 50,000	\$ 3.78
		Russell Standard, RSC1.01.400			50,001 - 100,000	\$ 3.59
		Russell Standard, EAE1.01.705			100,001 or greater	\$ 3.52
P1-D	Mobilization for First Mile, SAM	-----	-----	Mile	-----	\$ 5,500.00
P2-D	Mobilization for each Additional Mile, SAM	-----	-----	Mile	-----	\$ 31.95

Hot Applied Mastic (HAM)

E	Hot Applied Mastic (HAM)	Crafco - Mastic One	5651 SR 821, Whipple, OH 45788	POUND	-----	\$ 3.96
P1-E	Mobilization for First Mile, Hot Applied Mastic (HAM)	-----	-----	Mile	-----	\$ 1,500.00
P2-E	Mobilization for each Additional Mile, Hot Applied Mastic (HAM)	-----	-----	Mile	-----	\$ 9.45

Asphalt Emulsion Slurry Seal Coat

F	Asphalt Emulsion Slurry Seal Coat			SY	Less than 20,000	NO BID
					20,000 - 50,000	NO BID
					50,001 - 100,000	NO BID
					100,001 or greater	NO BID
P1-F	Mobilization for First Mile, Asphalt Emulsion Slurry Seal Coat	-----	-----	Mile	-----	NO BID
P2-F	Mobilization for each Additional Mile, Asphalt Emulsion Slurry Seal Coat	-----	-----	Mile	-----	NO BID

Micro Surface

G-1	Micro Surface - Type 2FA - Single Course			SY	Less than 20,000	NO BID
					20,000 - 50,000	NO BID
					50,001 - 100,000	NO BID
					100,001 or greater	NO BID
G-2	Micro Surface - Type 2FA - Multiple Course			SY	Less than 20,000	NO BID
					20,000 - 50,000	NO BID
					50,001 - 100,000	NO BID
					100,001 or greater	NO BID
G-3	Micro Surface - Type 3FA - Single Course			SY	Less than 20,000	NO BID
					20,000 - 50,000	NO BID
					50,001 - 100,000	NO BID

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					100,001 or greater	NO BID
G-4	Micro Surface - Type 3FA - Multiple Course			SY	Less than 20,000	NO BID
					20,000 - 50,000	NO BID
					50,001 - 100,000	NO BID
					100,001 or greater	NO BID
G-5	Micro Surface - 3' Wide, Single Course			SY	Less than 20,000	NO BID
					20,000 - 50,000	NO BID
					50,001 - 100,000	NO BID
					100,001 or greater	NO BID
H	Micro Surface, Rut Fill			Ton	Less than 200	NO BID
					201 - 500	NO BID
					501 - 1,000	NO BID
					1,001 and greater	NO BID
P1-G	Mobilization for First Mile, Micro Surface	-----	-----	Mile	-----	NO BID
P2-G	Mobilization for each Additional Mile, Micro Surface	-----	-----	Mile	-----	NO BID

Crack Sealing, 1" or Less

K	Crack Sealing, 1" or Less		5651 SR 821, Whipple, OH 45788	LF	Less than 20,000	\$ 0.77
					20,000 - 50,000	\$ 0.68
					50,001 - 100,000	\$ 0.60
					100,001 or greater	\$ 0.57
P1-K	Mobilization for First Mile	-----	-----	Mile	-----	\$ 595.00
P2-K	Mobilization for each Additional Mile, Crack Sealing	-----	-----	Mile	-----	\$ 9.45

Eradication (Removal) of Pavement Markings

L-1	Eradication of Thermoplastic Markings (Line markings such as crosswalks, stop bars and channelizing lines)			LF	-----	NO BID
L-2	Eradication of Thermoplastic Markings (Symbols such as arrows and railroad crossing markings)			Each	-----	NO BID
L-3	Eradication of Raised Pavement Markers			Each	-----	NO BID
P1-L	Mobilization for First Mile	-----	-----	Mile	-----	NO BID
P2-L	Mobilization for each Additional Mile, Eradicating RPMs	-----	-----	Mile	-----	NO BID

Temporary Pavement Markings, Installed

M-1	Temporary Pavement Marking - Paint			LF	-----	NO BID
M-2	Temporary Pavement Marking Type VII-A			LF	-----	NO BID
M-3	Temporary Pavement Marking - Type VII-B			LF	-----	NO BID
M-4	Temporary Pavement Marking - Type VII-C			LF	-----	NO BID
M-5	Temporary Raised Pavement Marker			Each	-----	NO BID
P1-M	Mobilization for First Mile	-----	-----	Mile	-----	NO BID
P2-M	Mobilization for Each Additional Mile, Temp Pavement Markings	-----	-----	Mile	-----	NO BID

Type V Pre-Formed Pavement Markings, Installed

N-1	4" Longitudinal Line, White - Installed			LF	-----	NO BID
N-2	4" Longitudinal Line, White, with Black Contrast - Installed			LF	-----	NO BID
N-3	4" Longitudinal Line, Yellow - Installed			LF	-----	NO BID
N-4	4" Longitudinal Line, Blue - Installed			LF	-----	NO BID
N-5	4" Longitudinal Line, Black - Installed			LF	-----	NO BID
N-6	4" SKID RESISTANCE ENHANCED Longitudinal Line, Blue - Installed			LF	-----	NO BID
N-7	6" Longitudinal Line, White - Installed			LF	-----	NO BID
N-8	6" Longitudinal Line, White with Black Contrast - Installed			LF	-----	NO BID
N-9	6" Longitudinal Line, Black - Installed			LF	-----	NO BID
N-10	6" Longitudinal Line, Yellow - Installed			LF	-----	NO BID
N-11	6" Longitudinal Line, Grey- Installed			LF	-----	NO BID
N-12	8" Longitudinal Line, White - Installed			LF	-----	NO BID
N-13	8" Longitudinal Line, White with Black Contrast - Installed			LF	-----	NO BID
N-14	8" Longitudinal Line, Yellow - Installed			LF	-----	NO BID

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<input type="checkbox"/> Berkeley	<input checked="" type="checkbox"/> Fayette	<input checked="" type="checkbox"/> Jackson	<input checked="" type="checkbox"/> Mason	<input checked="" type="checkbox"/> Nicholas	<input type="checkbox"/> Randolph	<input checked="" type="checkbox"/> Wayne
<input checked="" type="checkbox"/> Boone	<input checked="" type="checkbox"/> Gilmer	<input type="checkbox"/> Jefferson	<input checked="" type="checkbox"/> McDowell	<input type="checkbox"/> Ohio	<input checked="" type="checkbox"/> Ritchie	<input checked="" type="checkbox"/> Webster
<input checked="" type="checkbox"/> Braxton	<input type="checkbox"/> Grant	<input checked="" type="checkbox"/> Kanawha	<input checked="" type="checkbox"/> Mercer	<input type="checkbox"/> Pendleton	<input checked="" type="checkbox"/> Roane	<input type="checkbox"/> Wetzel
<input type="checkbox"/> Brooke	<input checked="" type="checkbox"/> Greenbrier	<input checked="" type="checkbox"/> Lewis	<input type="checkbox"/> Mineral	<input checked="" type="checkbox"/> Pleasants	<input checked="" type="checkbox"/> Summers	<input checked="" type="checkbox"/> Wirt
<input checked="" type="checkbox"/> Cabell	<input type="checkbox"/> Hampshire	<input checked="" type="checkbox"/> Lincoln	<input checked="" type="checkbox"/> Mingo	<input type="checkbox"/> Pocahontas	<input type="checkbox"/> Taylor	<input checked="" type="checkbox"/> Wood
<input checked="" type="checkbox"/> Calhoun	<input type="checkbox"/> Hancock	<input checked="" type="checkbox"/> Logan	<input type="checkbox"/> Monongalia	<input type="checkbox"/> Preston	<input type="checkbox"/> Tucker	<input checked="" type="checkbox"/> Wyoming
<input checked="" type="checkbox"/> Clay	<input type="checkbox"/> Hardy	<input type="checkbox"/> Marion	<input checked="" type="checkbox"/> Monroe	<input checked="" type="checkbox"/> Putnam	<input type="checkbox"/> Tyler	

Contract Item #	Extended Description	Name/Location of Material Supplier/Source*	Vendor's Storage Location	Unit of Measure	Size of Project	List Price
N-15	12" Longitudinal Line, White - Installed			LF	-----	NO BID
N-16	12" SKID RESISTANCE ENHANCED Longitudinal Line, White - Installed			LF	-----	NO BID
N-17	12" Longitudinal Line, Yellow - Installed			LF	-----	NO BID
N-18	12" Longitudinal Line, Black - Installed			LF	-----	NO BID
N-19	12" Longitudinal Line, Grey - Installed			LF	-----	NO BID
N-20	24" Longitudinal Line, White - Installed			LF	-----	NO BID
N-21	Straight Arrow 12" @ Bottom of Shaft 3'-3" x 9'-10" - Installed			Each	-----	NO BID
N-22	Straight Arrow with Black Contrast 12" at Bottom of Shaft, 3'3" x 9'10" - Installed			Each	-----	NO BID
N-23	Curved Arrow, Left, 12" at Bottom of Shaft, 6'-3" x 8'-2" - Installed			Each	-----	NO BID
N-24	Curved Arrow, Left with Black Contrast, 12" at Bottom of Shaft, 6'-3" x 8'-2" - Installed			Each	-----	NO BID
N-25	Curved Arrow, Right, 12" at Bottom of Shaft, 6'-3" x 8'-2" - Installed			Each	-----	NO BID
N-26	Curved Arrow, Right, with Black Contrast, 12" at Bottom of Shaft, 6'-3" x 8'-2" - Installed			Each	-----	NO BID
N-27	Combination Arrow 12" at Bottom of Shaft, 7'-4" x 13'-1" (Left or Right, Specified at Time of Order) - Installed			Each	-----	NO BID
N-28	Combination Arrow with Black Contrast 12" at Bottom of Shaft, 7'-4" x 13'-1" (Left or Right, Specified at Time of Order) - Installed			Each	-----	NO BID
N-29	"ONLY" 6'-8" x 8'-0" - Installed			Each	-----	NO BID
N-30	"STOP" 7'-4" x 8'-0" - Installed			Each	-----	NO BID
N-31	"AHEAD" 8'-10" x 8'-0" - Installed			Each	-----	NO BID
N-32	"SCHOOL" 11'-4" x 8'-0" - Installed			Each	-----	NO BID
N-33	"SCHOOL" 14'-6" x 10'-0" - Installed			Each	-----	NO BID
N-34	Right Side Lane Drop Arrow (Points to the Left) - Installed			Each	-----	NO BID
N-35	Left Side Lane Drop Arrow (Points to the Right) - Installed			Each	-----	NO BID
N-36	Railroad Crossing R's 12"x78", "X" 16", "20" height, 42" Width - Installed			Each	-----	NO BID
N-37	White Handicap Symbol with Blue Background, 48" square - Installed			Each	-----	NO BID
N-38	Yield Line Triangle, 24" x 36" - Installed			Each	-----	NO BID
N-39	Freeway Ramp Wrong Way Arrow 8' wide - Installed			Each	-----	NO BID
N-40	SKID RESISTANCE ENHANCED Bicycle with Rider and Helmet Symbol, 24" x 48". Bicycle to Point to the Left - Installed			Each	-----	NO BID
N-41	Shared Lane Bike Symbol 9'-4" x 3'-4" SKID RESISTANCE ENHANCED - Installed			Each	-----	NO BID
N-42	One Head Roundabout Arrow, White, Left - Installed			Each	-----	NO BID
N-43	One Head Roundabout Arrow, White, Straight - Installed			Each	-----	NO BID
N-44	Two Head Roundabout Arrow, White, Left/Right - Installed			Each	-----	NO BID
N-45	Two Head Roundabout Arrow, White, Left/Straight - Installed			Each	-----	NO BID
N-46	Two Head Roundabout Arrow, White, Right/Straight - Installed			Each	-----	NO BID
N-47	Three Head Roundabout Arrow, White, Left/Right/Straight - Installed			Each	-----	NO BID
P1-N	Mobilization for First Mile	-----	-----	Mile	-----	NO BID
P2-N	Mobilization for Each Additional Mile, Type V Pavement Markings	-----	-----	Mile	-----	NO BID

Raised Pavement Markings, Installed

ATTACHMENT A (ATT A) - PRICING PAGES (Revised 2/1/2021)
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<input type="checkbox"/> Berkeley	<input checked="" type="checkbox"/> Fayette	<input checked="" type="checkbox"/> Jackson	<input checked="" type="checkbox"/> Mason	<input checked="" type="checkbox"/> Nicholas	<input type="checkbox"/> Randolph	<input checked="" type="checkbox"/> Wayne
<input checked="" type="checkbox"/> Boone	<input checked="" type="checkbox"/> Gilmer	<input type="checkbox"/> Jefferson	<input checked="" type="checkbox"/> McDowell	<input type="checkbox"/> Ohio	<input checked="" type="checkbox"/> Ritchie	<input checked="" type="checkbox"/> Webster
<input checked="" type="checkbox"/> Braxton	<input type="checkbox"/> Grant	<input checked="" type="checkbox"/> Kanawha	<input checked="" type="checkbox"/> Mercer	<input type="checkbox"/> Pendleton	<input checked="" type="checkbox"/> Roane	<input type="checkbox"/> Wetzel
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<input checked="" type="checkbox"/> Cabell	<input type="checkbox"/> Hampshire	<input checked="" type="checkbox"/> Lincoln	<input checked="" type="checkbox"/> Mingo	<input type="checkbox"/> Pocahontas	<input type="checkbox"/> Taylor	<input checked="" type="checkbox"/> Wood
<input checked="" type="checkbox"/> Calhoun	<input type="checkbox"/> Hancock	<input checked="" type="checkbox"/> Logan	<input type="checkbox"/> Monongalia	<input type="checkbox"/> Preston	<input type="checkbox"/> Tucker	<input checked="" type="checkbox"/> Wyoming
<input checked="" type="checkbox"/> Clay	<input type="checkbox"/> Hardy	<input type="checkbox"/> Marion	<input checked="" type="checkbox"/> Monroe	<input checked="" type="checkbox"/> Putnam	<input type="checkbox"/> Tyler	

Contract Item #	Extended Description	Name/Location of Material Supplier/Source*	Vendor's Storage Location	Unit of Measure	Size of Project	List Price
0-1	Type P-2 Raised Pavement Marker - Installed			Each	-----	NO BID
0-2	Type R-4 Raised Pavement Marker - Installed			Each	-----	NO BID
P1-0	Mobilization for First Mile	-----	-----	Mile	-----	NO BID
P2-0	Mobilization for Each Additional Mile, RPMs Installed	-----	-----	Mile	-----	NO BID

Maintaining Traffic by Vendor

0-1	Pilot Truck and Driver			Day	-----	\$ 585.00
0-2	Traffic Control Devices			Unit	-----	\$ 0.90
0-3	Flagger			Hour	-----	\$ 60.00
0-4	Arrow Board			Day	-----	\$ 60.50

Aggregate Hauling Surcharge Per County:

Contract Item #	Extended Description	Name/Location of Quarry/Source	Vendor's Storage Location	Unit of Measure	Size of Project	List Price
R-1	Aggregate Hauling Surcharge: Barbour County	See Stone Sources Attachment		Ton	-----	\$ 10.50
R-2	Aggregate Hauling Surcharge: Berkeley County	See Stone Sources Attachment		Ton	-----	
R-3	Aggregate Hauling Surcharge: Boone County	See Stone Sources Attachment		Ton	-----	\$ 31.50
R-4	Aggregate Hauling Surcharge: Braxton County	See Stone Sources Attachment		Ton	-----	\$ 22.00
R-5	Aggregate Hauling Surcharge: Brooke County	See Stone Sources Attachment		Ton	-----	
R-6	Aggregate Hauling Surcharge: Cabell County	See Stone Sources Attachment		Ton	-----	\$ 27.25
R-7	Aggregate Hauling Surcharge: Calhoun County	See Stone Sources Attachment		Ton	-----	\$ 25.50
R-8	Aggregate Hauling Surcharge: Clay County	See Stone Sources Attachment		Ton	-----	\$ 27.50
R-9	Aggregate Hauling Surcharge: Doddridge County	See Stone Sources Attachment		Ton	-----	
R-10	Aggregate Hauling Surcharge: Fayette County	See Stone Sources Attachment		Ton	-----	\$ 22.00
R-11	Aggregate Hauling Surcharge: Gilmer County	See Stone Sources Attachment		Ton	-----	\$ 20.00
R-12	Aggregate Hauling Surcharge: Grant County	See Stone Sources Attachment		Ton	-----	
R-13	Aggregate Hauling Surcharge: Greenbrier County	See Stone Sources Attachment		Ton	-----	\$ 8.50
R-14	Aggregate Hauling Surcharge: Hampshire County	See Stone Sources Attachment		Ton	-----	
R-15	Aggregate Hauling Surcharge: Hancock County	See Stone Sources Attachment		Ton	-----	
R-16	Aggregate Hauling Surcharge: Hardy County	See Stone Sources Attachment		Ton	-----	
R-17	Aggregate Hauling Surcharge: Harrison County	See Stone Sources Attachment		Ton	-----	
R-18	Aggregate Hauling Surcharge: Jackson County	See Stone Sources Attachment		Ton	-----	\$ 19.50
R-19	Aggregate Hauling Surcharge: Jefferson County	See Stone Sources Attachment		Ton	-----	
R-20	Aggregate Hauling Surcharge: Kanawha County	See Stone Sources Attachment		Ton	-----	\$ 25.00
R-21	Aggregate Hauling Surcharge: Lewis County	See Stone Sources Attachment		Ton	-----	\$ 15.00
R-22	Aggregate Hauling Surcharge: Lincoln County	See Stone Sources Attachment		Ton	-----	\$ 30.00
R-23	Aggregate Hauling Surcharge: Logan County	See Stone Sources Attachment		Ton	-----	\$ 27.50
R-24	Aggregate Hauling Surcharge: Marion County	See Stone Sources Attachment		Ton	-----	
R-25	Aggregate Hauling Surcharge: Marshall County	See Stone Sources Attachment		Ton	-----	
R-26	Aggregate Hauling Surcharge: Mason County	See Stone Sources Attachment		Ton	-----	\$ 22.00
R-27	Aggregate Hauling Surcharge: McDowell County	See Stone Sources Attachment		Ton	-----	\$ 24.50
R-28	Aggregate Hauling Surcharge: Mercer County	See Stone Sources Attachment		Ton	-----	\$ 13.50
R-29	Aggregate Hauling Surcharge: Mineral County	See Stone Sources Attachment		Ton	-----	
R-30	Aggregate Hauling Surcharge: Mingo County	See Stone Sources Attachment		Ton	-----	\$ 27.50
R-31	Aggregate Hauling Surcharge: Monongalia County	See Stone Sources Attachment		Ton	-----	

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Asphalt Preservation and Pavement Markings, Materials, Equipment and Labor by Vendor - by Location per County

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<input checked="" type="checkbox"/> Boone	<input checked="" type="checkbox"/> Gilmer	<input type="checkbox"/> Jefferson	<input checked="" type="checkbox"/> McDowell	<input type="checkbox"/> Ohio	<input checked="" type="checkbox"/> Ritchie	<input checked="" type="checkbox"/> Webster
<input checked="" type="checkbox"/> Braxton	<input type="checkbox"/> Grant	<input checked="" type="checkbox"/> Kanawha	<input checked="" type="checkbox"/> Mercer	<input type="checkbox"/> Pendleton	<input checked="" type="checkbox"/> Roane	<input type="checkbox"/> Wetzel
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<input checked="" type="checkbox"/> Cabell	<input type="checkbox"/> Hampshire	<input checked="" type="checkbox"/> Lincoln	<input checked="" type="checkbox"/> Mingo	<input type="checkbox"/> Pocahontas	<input type="checkbox"/> Taylor	<input checked="" type="checkbox"/> Wood
<input checked="" type="checkbox"/> Calhoun	<input type="checkbox"/> Hancock	<input checked="" type="checkbox"/> Logan	<input type="checkbox"/> Monongalia	<input type="checkbox"/> Preston	<input type="checkbox"/> Tucker	<input checked="" type="checkbox"/> Wyoming
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Contract Item #	Extended Description	Name/Location of Material Supplier/Source*	Vendor's Storage Location	Unit of Measure	Size of Project	List Price
R-32	Aggregate Hauling Surcharge: Monroe County	See Stone Sources Attachment		Ton	-----	
R-33	Aggregate Hauling Surcharge: Morgan County	See Stone Sources Attachment		Ton	-----	
R-34	Aggregate Hauling Surcharge: Nicholas County	See Stone Sources Attachment		Ton	-----	\$ 12.50
R-35	Aggregate Hauling Surcharge: Ohio County	See Stone Sources Attachment		Ton	-----	
R-36	Aggregate Hauling Surcharge: Pendleton County	See Stone Sources Attachment		Ton	-----	
R-37	Aggregate Hauling Surcharge: Pleasants County	See Stone Sources Attachment		Ton	-----	\$ 18.50
R-38	Aggregate Hauling Surcharge: Pocahontas County	See Stone Sources Attachment		Ton	-----	
R-39	Aggregate Hauling Surcharge: Preston County	See Stone Sources Attachment		Ton	-----	
R-40	Aggregate Hauling Surcharge: Putnam County	See Stone Sources Attachment		Ton	-----	\$ 24.50
R-41	Aggregate Hauling Surcharge: Raleigh County	See Stone Sources Attachment		Ton	-----	\$ 21.50
R-42	Aggregate Hauling Surcharge: Randolph County	See Stone Sources Attachment		Ton	-----	
R-43	Aggregate Hauling Surcharge: Ritchie County	See Stone Sources Attachment		Ton	-----	\$ 20.25
R-44	Aggregate Hauling Surcharge: Roane County	See Stone Sources Attachment		Ton	-----	\$ 25.50
R-45	Aggregate Hauling Surcharge: Summers County	See Stone Sources Attachment		Ton	-----	\$ 13.00
R-46	Aggregate Hauling Surcharge: Taylor County	See Stone Sources Attachment		Ton	-----	
R-47	Aggregate Hauling Surcharge: Tucker County	See Stone Sources Attachment		Ton	-----	
R-48	Aggregate Hauling Surcharge: Tyler County	See Stone Sources Attachment		Ton	-----	
R-49	Aggregate Hauling Surcharge: Upshur County	See Stone Sources Attachment		Ton	-----	\$ 16.00
R-50	Aggregate Hauling Surcharge: Wayne County	See Stone Sources Attachment		Ton	-----	\$ 33.50
R-51	Aggregate Hauling Surcharge: Webster County	See Stone Sources Attachment		Ton	-----	\$ 25.00
R-52	Aggregate Hauling Surcharge: Wetzel County	See Stone Sources Attachment		Ton	-----	
R-53	Aggregate Hauling Surcharge: Wirt County	See Stone Sources Attachment		Ton	-----	\$ 18.15
R-54	Aggregate Hauling Surcharge: Wood County	See Stone Sources Attachment		Ton	-----	\$ 12.00
R-55	Aggregate Hauling Surcharge: Wyoming County	See Stone Sources Attachment		Ton	-----	\$ 22.00

ATTACHMENT A (ATT A) - PRICING PAGES (Revised 2/1/2021)

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<input type="checkbox"/> Braxton	<input type="checkbox"/> Grant	<input type="checkbox"/> Kanawha	<input type="checkbox"/> Mercer	<input type="checkbox"/> Pendleton	<input type="checkbox"/> Roane	<input checked="" type="checkbox"/> Wetzel
<input checked="" type="checkbox"/> Brooke	<input type="checkbox"/> Greenbrier	<input type="checkbox"/> Lewis	<input type="checkbox"/> Mineral	<input type="checkbox"/> Pleasants	<input type="checkbox"/> Summers	<input type="checkbox"/> Wirt
<input type="checkbox"/> Cabell	<input type="checkbox"/> Hampshire	<input type="checkbox"/> Lincoln	<input type="checkbox"/> Mingo	<input type="checkbox"/> Pocahontas	<input checked="" type="checkbox"/> Taylor	<input type="checkbox"/> Wood
<input type="checkbox"/> Calhoun	<input checked="" type="checkbox"/> Hancock	<input type="checkbox"/> Logan	<input checked="" type="checkbox"/> Monongalia	<input checked="" type="checkbox"/> Preston	<input type="checkbox"/> Tucker	<input type="checkbox"/> Wyoming
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Contract Item #	Extended Description	Name/Location of Material Supplier/Source*	Vendor's Storage Location	Unit of Measure	Size of Project	List Price
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* For Asphalt Preservation, list emulsion/binder sources below and list aggregates in the Aggregate Surcharge by County, Item Q)

Chip Seal

A-1	Chip Seal, Light	Asphalt Materials, AMC1.01.705	171 7th Ave, Valencia, PA 16059	SY	Less than 20,000	\$ 1.95
		Hammaker East, HEC1.01.705			20,000 - 50,000	\$ 1.69
		Russell Standard, RSC1.01.400			50,001 - 100,000	\$ 1.23
		Russell Standard, EAE1.01.705			100,001 or greater	\$ 1.12
A-2	Chip Seal, Single	Asphalt Materials, AMC1.01.705	171 7th Ave, Valencia, PA 16059	SY	Less than 20,000	\$ 2.06
		Hammaker East, HEC1.01.705			20,000 - 50,000	\$ 1.88
		Russell Standard, RSC1.01.400			50,001 - 100,000	\$ 1.64
		Russell Standard, EAE1.01.705			100,001 or greater	\$ 1.57
A-3	Chip Seal, Double	Asphalt Materials, AMC1.01.705	171 7th Ave, Valencia, PA 16059	SY	Less than 20,000	\$ 3.61
		Hammaker East, HEC1.01.705			20,000 - 50,000	\$ 3.34
		Russell Standard, RSC1.01.400			50,001 - 100,000	\$ 3.15
		Russell Standard, EAE1.01.705			100,001 or greater	\$ 2.97
A-4	Chip Seal, Triple	Asphalt Materials, AMC1.01.705	171 7th Ave, Valencia, PA 16059	SY	Less than 20,000	\$ 5.80
		Hammaker East, HEC1.01.705			20,000 - 50,000	\$ 5.73
		Russell Standard, RSC1.01.400			50,001 - 100,000	\$ 5.46
		Russell Standard, EAE1.01.705			100,001 or greater	\$ 5.43
A-5	Surcharge for Polymer Modified Cationic Emulsified Asphalt, Per Application Type	Asphalt Materials, AMC1.01.705	171 7th Ave, Valencia, PA 16059	SY	Light (A-1)	\$ 0.16
		Hammaker East, HEC1.01.705			Single (A-2)	\$ 0.22
		Russell Standard, RSC1.01.400			Double (A-3)	\$ 0.30
		Russell Standard, EAE1.01.705			Triple (A-4)	\$ 0.48
P1-A	Mobilization for First Mile, Chip Seal	-----	-----	Mile	-----	\$ 3,500.00
P2-A	Mobilization for each Additional Mile, Chip Seal	-----	-----	Mile	-----	\$ 26.95

Fog Seal

B	Fog Seal	Asphalt Materials, AMC1.01.705	171 7th Ave, Valencia, PA 16059	SY	Less than 20,000	\$ 0.62
		Hammaker East, HEC1.01.705			20,000 - 50,000	\$ 0.57
		Russell Standard, RSC1.01.400			50,001 - 100,000	\$ 0.55
		Russell Standard, EAE1.01.705			100,001 or greater	\$ 0.53
P1-B	Mobilization for First Mile, Fog Seal	-----	-----	Mile	-----	\$ 1,500.00
P2-B	Mobilization for each Additional Mile, Fog Seal	-----	-----	Mile	-----	\$ 7.95

Tack Coat

C	Tack Coat			SY	Less than 20,000	NO BID
					20,000 - 50,000	NO BID
					50,001 - 100,000	NO BID
					100,001 or greater	NO BID
P1-C	Mobilization for First Mile, Fog Seal	-----	-----	Mile	-----	NO BID
P2-C	Mobilization for each Additional Mile, Fog Seal	-----	-----	Mile	-----	NO BID

Stress Absorbing Membrane Interlayer (SAMI)

D	SAMI (Stress Absorbing Membrane Interlayer) (Interlayer only; not intended as a stand-alone application)	Asphalt Materials, AMC1.01.705	171 7th Ave, Valencia, PA 16059	SY	Less than 20,000	\$ 3.98
		Hammaker East, HEC1.01.705			20,000 - 50,000	\$ 3.78
		Russell Standard, RSC1.01.400			50,001 - 100,000	\$ 3.59
		Russell Standard, EAE1.01.705			100,001 or greater	\$ 3.52
P1-D	Mobilization for First Mile, SAMI	-----	-----	Mile	-----	\$ 5,500.00
P2-D	Mobilization for each Additional Mile, SAMI	-----	-----	Mile	-----	\$ 31.95

Hot Applied Mastic (HAM)

E	Hot Applied Mastic (HAM)	Crafco - Mastic One	171 7th Ave, Valencia, PA 16059	POUND	-----	\$ 3.96
P1-E	Mobilization for First Mile, Hot Applied Mastic (HAM)	-----	-----	Mile	-----	\$ 1,500.00
P2-E	Mobilization for each Additional Mile, Hot Applied Mastic (HAM)	-----	-----	Mile	-----	\$ 9.45

Asphalt Emulsion Slurry Seal Coat

F	Asphalt Emulsion Slurry Seal Coat			SY	Less than 20,000	NO BID
					20,000 - 50,000	NO BID
					50,001 - 100,000	NO BID
					100,001 or greater	NO BID
P1-F	Mobilization for First Mile, Asphalt Emulsion Slurry Seal Coat	-----	-----	Mile	-----	NO BID
P2-F	Mobilization for each Additional Mile, Asphalt Emulsion Slurry Seal Coat	-----	-----	Mile	-----	NO BID

Micro Surface

G-1	Micro Surface - Type 2FA - Single Course			SY	Less than 20,000	NO BID
					20,000 - 50,000	NO BID
					50,001 - 100,000	NO BID
					100,001 or greater	NO BID
G-2	Micro Surface - Type 2FA - Multiple Course			SY	Less than 20,000	NO BID
					20,000 - 50,000	NO BID
					50,001 - 100,000	NO BID
					100,001 or greater	NO BID
G-3	Micro Surface - Type 3FA - Single Course			SY	Less than 20,000	NO BID
					20,000 - 50,000	NO BID
					50,001 - 100,000	NO BID

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<input type="checkbox"/> Berkeley	<input type="checkbox"/> Fayette	<input type="checkbox"/> Jackson	<input type="checkbox"/> Mason	<input type="checkbox"/> Nicholas	<input type="checkbox"/> Randolph	<input type="checkbox"/> Wayne
<input type="checkbox"/> Boone	<input type="checkbox"/> Gilmer	<input type="checkbox"/> Jefferson	<input type="checkbox"/> McDowell	<input checked="" type="checkbox"/> Ohio	<input type="checkbox"/> Ritchie	<input type="checkbox"/> Webster
<input type="checkbox"/> Braxton	<input type="checkbox"/> Grant	<input type="checkbox"/> Kanawha	<input type="checkbox"/> Mercer	<input type="checkbox"/> Pendleton	<input type="checkbox"/> Roane	<input checked="" type="checkbox"/> Wetzel
<input checked="" type="checkbox"/> Brooke	<input type="checkbox"/> Greenbrier	<input type="checkbox"/> Lewis	<input type="checkbox"/> Mineral	<input type="checkbox"/> Pleasants	<input type="checkbox"/> Summers	<input type="checkbox"/> Wirt
<input type="checkbox"/> Cabell	<input type="checkbox"/> Hampshire	<input type="checkbox"/> Lincoln	<input type="checkbox"/> Mingo	<input type="checkbox"/> Pocahontas	<input checked="" type="checkbox"/> Taylor	<input type="checkbox"/> Wood
<input type="checkbox"/> Calhoun	<input checked="" type="checkbox"/> Hancock	<input type="checkbox"/> Logan	<input checked="" type="checkbox"/> Monongalia	<input checked="" type="checkbox"/> Preston	<input type="checkbox"/> Tucker	<input type="checkbox"/> Wyoming
<input type="checkbox"/> Clay	<input type="checkbox"/> Hardy	<input checked="" type="checkbox"/> Marion	<input type="checkbox"/> Monroe	<input type="checkbox"/> Putnam	<input checked="" type="checkbox"/> Tyler	

Contract Item #	Extended Description	Name/Location of Material Supplier/Source*	Vendor's Storage Location	Unit of Measure	Size of Project	List Price
					100,001 or greater	NO BID
G-4	Micro Surface - Type 3FA - Multiple Course			SY	Less than 20,000	NO BID
					20,000 - 50,000	NO BID
					50,001 - 100,000	NO BID
					100,001 or greater	NO BID
G-5	Micro Surface - 3' Wide, Single Course			SY	Less than 20,000	NO BID
					20,000 - 50,000	NO BID
					50,001 - 100,000	NO BID
					100,001 or greater	NO BID
H	Micro Surface, Rut Fill			Ton	Less than 200	NO BID
					201 - 500	NO BID
					501 - 1,000	NO BID
					1,001 and greater	NO BID
P1-G	Mobilization for First Mile, Micro Surface	-----	-----	Mile	-----	NO BID
P2-G	Mobilization for each Additional Mile, Micro Surface	-----	-----	Mile	-----	NO BID

Crack Sealing, 1" or Less

K	Crack Sealing, 1" or Less		171 7th Ave, Valencia, PA 16059	LF	Less than 20,000	\$ 0.77
					20,000 - 50,000	\$ 0.68
					50,001 - 100,000	\$ 0.60
					100,001 or greater	\$ 0.57
P1-K	Mobilization for First Mile	-----	-----	Mile	-----	\$ 595.00
P2-K	Mobilization for each Additional Mile, Crack Sealing	-----	-----	Mile	-----	\$ 9.45

Eradication (Removal) of Pavement Markings

L-1	Eradication of Thermoplastic Markings (Line markings such as crosswalks, stop bars and channelizing lines)			LF	-----	NO BID
L-2	Eradication of Thermoplastic Markings (Symbols such as arrows and railroad crossing markings)			Each	-----	NO BID
L-3	Eradication of Raised Pavement Markers			Each	-----	NO BID
P1-L	Mobilization for First Mile	-----	-----	Mile	-----	NO BID
P2-L	Mobilization for each Additional Mile, Eradicating RPMs	-----	-----	Mile	-----	NO BID

Temporary Pavement Markings, Installed

M-1	Temporary Pavement Marking - Paint			LF	-----	NO BID
M-2	Temporary Pavement Marking Type VII-A			LF	-----	NO BID
M-3	Temporary Pavement Marking - Type VII-B			LF	-----	NO BID
M-4	Temporary Pavement Marking - Type VII-C			LF	-----	NO BID
M-5	Temporary Raised Pavement Marker			Each	-----	NO BID
P1-M	Mobilization for First Mile	-----	-----	Mile	-----	NO BID
P2-M	Mobilization for Each Additional Mile, Temp Pavement Markings	-----	-----	Mile	-----	NO BID

Type V Pre-Formed Pavement Markings, Installed

N-1	4" Longitudinal Line, White - Installed			LF	-----	NO BID
N-2	4" Longitudinal Line, White, with Black Contrast - Installed			LF	-----	NO BID
N-3	4" Longitudinal Line, Yellow - Installed			LF	-----	NO BID
N-4	4" Longitudinal Line, Blue - Installed			LF	-----	NO BID
N-5	4" Longitudinal Line, Black - Installed			LF	-----	NO BID
N-6	4" SKID RESISTANCE ENHANCED Longitudinal Line, Blue - Installed			LF	-----	NO BID
N-7	6" Longitudinal Line, White - Installed			LF	-----	NO BID
N-8	6" Longitudinal Line, White with Black Contrast - Installed			LF	-----	NO BID
N-9	6" Longitudinal Line, Black - Installed			LF	-----	NO BID
N-10	6" Longitudinal Line, Yellow - Installed			LF	-----	NO BID
N-11	6" Longitudinal Line, Grey - Installed			LF	-----	NO BID
N-12	8" Longitudinal Line, White - Installed			LF	-----	NO BID
N-13	8" Longitudinal Line, White with Black Contrast - Installed			LF	-----	NO BID
N-14	8" Longitudinal Line, Yellow - Installed			LF	-----	NO BID

ATTACHMENT A (ATT A) - PRICING PAGES (Revised 2/1/2021)

Asphalt Preservation and Pavement Markings, Materials, Equipment and Labor by Vendor - by Location per County

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<input type="checkbox"/> Berkeley	<input type="checkbox"/> Fayette	<input type="checkbox"/> Jackson	<input type="checkbox"/> Mason	<input type="checkbox"/> Nicholas	<input type="checkbox"/> Randolph	<input type="checkbox"/> Wayne
<input type="checkbox"/> Boone	<input type="checkbox"/> Gilmer	<input type="checkbox"/> Jefferson	<input type="checkbox"/> McDowell	<input checked="" type="checkbox"/> Ohio	<input type="checkbox"/> Ritchie	<input type="checkbox"/> Webster
<input type="checkbox"/> Braxton	<input type="checkbox"/> Grant	<input type="checkbox"/> Kanawha	<input type="checkbox"/> Mercer	<input type="checkbox"/> Pendleton	<input type="checkbox"/> Roane	<input checked="" type="checkbox"/> Wetzel
<input checked="" type="checkbox"/> Brooke	<input type="checkbox"/> Greenbrier	<input type="checkbox"/> Lewis	<input type="checkbox"/> Mineral	<input type="checkbox"/> Pleasants	<input type="checkbox"/> Summers	<input type="checkbox"/> Wirt
<input type="checkbox"/> Cabell	<input type="checkbox"/> Hampshire	<input type="checkbox"/> Lincoln	<input type="checkbox"/> Mingo	<input type="checkbox"/> Pocahontas	<input checked="" type="checkbox"/> Taylor	<input type="checkbox"/> Wood
<input type="checkbox"/> Calhoun	<input checked="" type="checkbox"/> Hancock	<input type="checkbox"/> Logan	<input checked="" type="checkbox"/> Monongalia	<input checked="" type="checkbox"/> Preston	<input type="checkbox"/> Tucker	<input type="checkbox"/> Wyoming
<input type="checkbox"/> Clay	<input type="checkbox"/> Hardy	<input checked="" type="checkbox"/> Marion	<input type="checkbox"/> Monroe	<input type="checkbox"/> Putnam	<input checked="" type="checkbox"/> Tyler	

Contract Item #	Extended Description	Name/Location of Material Supplier/Source*	Vendor's Storage Location	Unit of Measure	Size of Project	List Price
N-15	12" Longitudinal Line, White - Installed			LF	-----	NO BID
N-16	12" SKID RESISTANCE ENHANCED Longitudinal Line, White - Installed			LF	-----	NO BID
N-17	12" Longitudinal Line, Yellow - Installed			LF	-----	NO BID
N-18	12" Longitudinal Line, Black - Installed			LF	-----	NO BID
N-19	12" Longitudinal Line, Grey - Installed			LF	-----	NO BID
N-20	24" Longitudinal Line, White - Installed			LF	-----	NO BID
N-21	Straight Arrow 12" @ Bottom of Shaft 3'-3" x 9'-10" - Installed			Each	-----	NO BID
N-22	Straight Arrow with Black Contrast 12" at Bottom of Shaft, 3'3" x 9'10" - Installed			Each	-----	NO BID
N-23	Curved Arrow, Left, 12" at Bottom of Shaft, 6'-3" x 8'-2" - Installed			Each	-----	NO BID
N-24	Curved Arrow, Left with Black Contrast, 12" at Bottom of Shaft, 6'-3" x 8'-2" - Installed			Each	-----	NO BID
N-25	Curved Arrow, Right, 12" at Bottom of Shaft, 6'-3" x 8'-2" - Installed			Each	-----	NO BID
N-26	Curved Arrow, Right, with Black Contrast, 12" at Bottom of Shaft, 6'-3" x 8'-2" - Installed			Each	-----	NO BID
N-27	Combination Arrow 12" at Bottom of Shaft, 7'-4" x 13'-1" (Left or Right, Specified at Time of Order) - Installed			Each	-----	NO BID
N-28	Combination Arrow with Black Contrast 12" at Bottom of Shaft, 7'-4" x 13'-1" (Left or Right, Specified at Time of Order) - Installed			Each	-----	NO BID
N-29	"ONLY" 6'-8" x 8'-0" - Installed			Each	-----	NO BID
N-30	"STOP" 7'-4" x 8'-0" - Installed			Each	-----	NO BID
N-31	"AHEAD" 8'-10" x 8'-0" - Installed			Each	-----	NO BID
N-32	"SCHOOL" 11'-4" x 8'-0" - Installed			Each	-----	NO BID
N-33	"SCHOOL" 14'-6" x 10'-0" - Installed			Each	-----	NO BID
N-34	Right Side Lane Drop Arrow (Points to the Left) - Installed			Each	-----	NO BID
N-35	Left Side Lane Drop Arrow (Points to the Right) - Installed			Each	-----	NO BID
N-36	Railroad Crossing R's 12"x78", "X" 16", "20" height, 42" Width - Installed			Each	-----	NO BID
N-37	White Handicap Symbol with Blue Background, 48" square - Installed			Each	-----	NO BID
N-38	Yield Line Triangle, 24" x 36" - Installed			Each	-----	NO BID
N-39	Freeway Ramp Wrong Way Arrow 8' wide - Installed			Each	-----	NO BID
N-40	SKID RESISTANCE ENHANCED Bicycle with Rider and Helmet Symbol, 24" x 48". Bicycle to Point to the Left - Installed			Each	-----	NO BID
N-41	Shared Lane Bike Symbol 9'-4" x 3'-4" SKID RESISTANCE ENHANCED - Installed			Each	-----	NO BID
N-42	One Head Roundabout Arrow, White, Left - Installed			Each	-----	NO BID
N-43	One Head Roundabout Arrow, White, Straight - Installed			Each	-----	NO BID
N-44	Two Head Roundabout Arrow, White, Left/Right - Installed			Each	-----	NO BID
N-45	Two Head Roundabout Arrow, White, Left/Straight - Installed			Each	-----	NO BID
N-46	Two Head Roundabout Arrow, White, Right/Straight - Installed			Each	-----	NO BID
N-47	Three Head Roundabout Arrow, White, Left/Right/Straight - Installed			Each	-----	NO BID
P1-N	Mobilization for First Mile	-----	-----	Mile	-----	NO BID
P2-N	Mobilization for Each Additional Mile, Type V Pavement Markings	-----	-----	Mile	-----	NO BID

Raised Pavement Markings, Installed

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Contract Item #	Extended Description	Name/Location of Material Supplier/Source*	Vendor's Storage Location	Unit of Measure	Size of Project	List Price
0-1	Type P-2 Raised Pavement Marker - Installed			Each	-----	NO BID
0-2	Type R-4 Raised Pavement Marker - Installed			Each	-----	NO BID
P1-0	Mobilization for First Mile	-----	-----	Mile	-----	NO BID
P2-0	Mobilization for Each Additional Mile, RPMs Installed	-----	-----	Mile	-----	NO BID

Maintaining Traffic by Vendor

0-1	Pilot Truck and Driver			Day	-----	\$ 585.00
0-2	Traffic Control Devices			Unit	-----	\$ 0.90
0-3	Flagger			Hour	-----	\$ 60.00
0-4	Arrow Board			Day	-----	\$ 60.50

Aggregate Hauling Surcharge Per County:

Contract Item #	Extended Description	Name/Location of Quarry/Source	Vendor's Storage Location	Unit of Measure	Size of Project	List Price
R-1	Aggregate Hauling Surcharge: Barbour County	See Stone Sources Attachment		Ton	-----	
R-2	Aggregate Hauling Surcharge: Berkeley County	See Stone Sources Attachment		Ton	-----	
R-3	Aggregate Hauling Surcharge: Boone County	See Stone Sources Attachment		Ton	-----	
R-4	Aggregate Hauling Surcharge: Braxton County	See Stone Sources Attachment		Ton	-----	
R-5	Aggregate Hauling Surcharge: Brooke County	See Stone Sources Attachment		Ton	-----	\$ 11.00
R-6	Aggregate Hauling Surcharge: Cabell County	See Stone Sources Attachment		Ton	-----	
R-7	Aggregate Hauling Surcharge: Calhoun County	See Stone Sources Attachment		Ton	-----	
R-8	Aggregate Hauling Surcharge: Clay County	See Stone Sources Attachment		Ton	-----	
R-9	Aggregate Hauling Surcharge: Doddridge County	See Stone Sources Attachment		Ton	-----	\$ 13.00
R-10	Aggregate Hauling Surcharge: Fayette County	See Stone Sources Attachment		Ton	-----	
R-11	Aggregate Hauling Surcharge: Gilmer County	See Stone Sources Attachment		Ton	-----	
R-12	Aggregate Hauling Surcharge: Grant County	See Stone Sources Attachment		Ton	-----	
R-13	Aggregate Hauling Surcharge: Greenbrier County	See Stone Sources Attachment		Ton	-----	
R-14	Aggregate Hauling Surcharge: Hampshire County	See Stone Sources Attachment		Ton	-----	
R-15	Aggregate Hauling Surcharge: Hancock County	See Stone Sources Attachment		Ton	-----	\$ 14.00
R-16	Aggregate Hauling Surcharge: Hardy County	See Stone Sources Attachment		Ton	-----	
R-17	Aggregate Hauling Surcharge: Harrison County	See Stone Sources Attachment		Ton	-----	\$ 9.00
R-18	Aggregate Hauling Surcharge: Jackson County	See Stone Sources Attachment		Ton	-----	
R-19	Aggregate Hauling Surcharge: Jefferson County	See Stone Sources Attachment		Ton	-----	
R-20	Aggregate Hauling Surcharge: Kanawha County	See Stone Sources Attachment		Ton	-----	
R-21	Aggregate Hauling Surcharge: Lewis County	See Stone Sources Attachment		Ton	-----	
R-22	Aggregate Hauling Surcharge: Lincoln County	See Stone Sources Attachment		Ton	-----	
R-23	Aggregate Hauling Surcharge: Logan County	See Stone Sources Attachment		Ton	-----	
R-24	Aggregate Hauling Surcharge: Marion County	See Stone Sources Attachment		Ton	-----	\$ 3.50
R-25	Aggregate Hauling Surcharge: Marshall County	See Stone Sources Attachment		Ton	-----	\$ 12.00
R-26	Aggregate Hauling Surcharge: Mason County	See Stone Sources Attachment		Ton	-----	
R-27	Aggregate Hauling Surcharge: McDowell County	See Stone Sources Attachment		Ton	-----	
R-28	Aggregate Hauling Surcharge: Mercer County	See Stone Sources Attachment		Ton	-----	
R-29	Aggregate Hauling Surcharge: Mineral County	See Stone Sources Attachment		Ton	-----	
R-30	Aggregate Hauling Surcharge: Mingo County	See Stone Sources Attachment		Ton	-----	
R-31	Aggregate Hauling Surcharge: Monongalia County	See Stone Sources Attachment		Ton	-----	\$ 2.25

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<input type="checkbox"/> Boone	<input type="checkbox"/> Gilmer	<input type="checkbox"/> Jefferson	<input type="checkbox"/> McDowell	<input checked="" type="checkbox"/> Ohio	<input type="checkbox"/> Ritchie	<input type="checkbox"/> Webster
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Contract Item #	Extended Description	Name/Location of Material Supplier/Source*	Vendor's Storage Location	Unit of Measure	Size of Project	List Price
R-32	Aggregate Hauling Surcharge: Monroe County	See Stone Sources Attachment		Ton	-----	
R-33	Aggregate Hauling Surcharge: Morgan County	See Stone Sources Attachment		Ton	-----	
R-34	Aggregate Hauling Surcharge: Nicholas County	See Stone Sources Attachment		Ton	-----	
R-35	Aggregate Hauling Surcharge: Ohio County	See Stone Sources Attachment		Ton	-----	\$ 9.50
R-36	Aggregate Hauling Surcharge: Pendleton County	See Stone Sources Attachment		Ton	-----	
R-37	Aggregate Hauling Surcharge: Pleasants County	See Stone Sources Attachment		Ton	-----	
R-38	Aggregate Hauling Surcharge: Pocahontas County	See Stone Sources Attachment		Ton	-----	
R-39	Aggregate Hauling Surcharge: Preston County	See Stone Sources Attachment		Ton	-----	\$ 4.00
R-40	Aggregate Hauling Surcharge: Putnam County	See Stone Sources Attachment		Ton	-----	
R-41	Aggregate Hauling Surcharge: Raleigh County	See Stone Sources Attachment		Ton	-----	
R-42	Aggregate Hauling Surcharge: Randolph County	See Stone Sources Attachment		Ton	-----	
R-43	Aggregate Hauling Surcharge: Ritchie County	See Stone Sources Attachment		Ton	-----	
R-44	Aggregate Hauling Surcharge: Roane County	See Stone Sources Attachment		Ton	-----	
R-45	Aggregate Hauling Surcharge: Summers County	See Stone Sources Attachment		Ton	-----	
R-46	Aggregate Hauling Surcharge: Taylor County	See Stone Sources Attachment		Ton	-----	\$ 3.50
R-47	Aggregate Hauling Surcharge: Tucker County	See Stone Sources Attachment		Ton	-----	
R-48	Aggregate Hauling Surcharge: Tyler County	See Stone Sources Attachment		Ton	-----	\$ 17.00
R-49	Aggregate Hauling Surcharge: Upshur County	See Stone Sources Attachment		Ton	-----	
R-50	Aggregate Hauling Surcharge: Wayne County	See Stone Sources Attachment		Ton	-----	
R-51	Aggregate Hauling Surcharge: Webster County	See Stone Sources Attachment		Ton	-----	
R-52	Aggregate Hauling Surcharge: Wetzel County	See Stone Sources Attachment		Ton	-----	\$ 14.50
R-53	Aggregate Hauling Surcharge: Wirt County	See Stone Sources Attachment		Ton	-----	
R-54	Aggregate Hauling Surcharge: Wood County	See Stone Sources Attachment		Ton	-----	
R-55	Aggregate Hauling Surcharge: Wyoming County	See Stone Sources Attachment		Ton	-----	