



INVITATION TO BID

City of Bristol, Tennessee
Administration Department
Purchasing Division
423- 989-5528
www.bristoltn.org



Bid Number and Description: 20016 Application of Pavement Markings

Due Date and Time: May 25, 2020 at 02:00 p.m. prevailing local time

Bid Location and Mailing Address: 801 Anderson Street Room 204 Bristol, TN 37620 – Due to COVID-19 all bids will be opened virtually at <https://zoom.us/j/96420616501>

Bid Contact Information: Specifications: Wes Ritchie 423-989-5685 Bid Process: April Norris 423-989-5528

Bid Documents must be completed and signed to be considered valid

ITEM	QTY (Estimated)	DESCRIPTION	UNIT PRICE (In Numbers)	UNIT PRICE (In Words)	Extended Total
1.	–	Application of Pavement Markings- Please Complete the Attached Bid Pricing Sheet	–	–	–

Non-Collusive Bid Statement: The undersigned bidder, having fully informed himself regarding the accuracy of the statements made herein, certifies that: (1) The bid has been arrived at by the bidder independently and has been submitted without collusion with, and without any agreement, understanding, or planned common course of action with any other vendor of materials, supplies, equipment, or services described in the bid, designed to limit independent bidding or competition, and (2) The contents of the bid have not been communicated by the bidder or its employees or agents to any person not any employee or agent of the bidder or its surety on any bond furnished with the bid, and will not be communicated by any such person prior to the official opening of the bid.

Instructions to Submit Bid:

Seal bid response in an envelope plainly identified on the outside in the lower left corner of your envelope with the Bid Name and Number. The Vendor is responsible for insuring delivery on or before the bid opening date and time to City of Bristol Tennessee Purchasing Department, Attn: April Norris-Purchasing Agent, 801 Anderson Street Room 204 Bristol, TN 37620.

Electronic Responses are accepted

Signature of Authorized Official

Name and Title (Printed)

Legal Name of Business

Mailing Address

Telephone Number

Fax Number

Email

- Bid Check List:** Signed Bid by Authorized Company Representative Iran Divestments Act Form Insurance Checklist
 Title VI Voluntary Disclosure General Contact Form Drug Free Workplace Bid Bond Bid Pricing, verified as correct

City of Bristol, Tennessee
Invitation to Bid

Bid Reference No. 20016

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City of Bristol, Tennessee
Invitation to Bid

INSTRUCTION TO BIDDERS

1. Each bid must be signed by the bidder with his/her original signature on the Bid Pricing Sheet for consideration. Bids by a Partnership must be signed with the partnership name by one of the members of the partnership, or by an authorized representative, followed by the signature and title of the person signing. Bids by Corporations must be signed with the name of the corporation, followed by the signature and designation of the president, secretary, or person authorized to legally bind the corporation.
2. Bids must be received prior to the specified time of closing as designated in the invitation. Bids received late will be returned unopened to the bidder.
3. Envelopes must be sealed when submitted and must be properly noted with the bid reference number and the description of the bid item. Separate bids must be submitted for each reference number. The City will not be held responsible for the premature opening of unmarked envelopes if sent through regular mailing system. Facsimile transmissions of bidding documents will not be accepted.
4. Bids containing erasures or corrections thereon will be rejected unless said erasures or corrections are noted over the initials or signature of the bidder.
5. Bids may be submitted on any one item or any group of items unless otherwise stated herein. The unit price must be shown for each item or group of items as requested.
6. References in the *Description of Requirements and Specifications* describing the material, supplies, or services required of a particular trade name, catalog or model number are made for descriptive purposes to guide the bidder in interpreting the type of material or supplies or nature of the work described. They should not be construed as excluding offers on other type of materials and supplies or of performing the work in a manner other than specified. However, the bidders attention is called to Paragraph 6 of the *General Conditions* which must be strictly adhered to.
7. All bids shall remain valid for a period of sixty (60) days after bid opening unless a longer period is otherwise stated herein.
8. Bids are to be mailed to or delivered to the Purchasing Department, Bristol City Hall, 801 Anderson Street, Room 204, Bristol, Tennessee 37620. One original and one copy of each bid proposal must be submitted for review, unless otherwise stated.
9. The City of Bristol is tax-exempt and sales taxes are not to be included on the bid. Any bid including sales taxes will be adjusted at the time of the bid opening. The City's sales tax exemption number will be provided to the successful bidder.
10. In the event bidder fails to honor bid, they will be declared non-responsible and removed from future bid opportunities. If bidder is submitting equipment from current inventory, the bid must be valid for a period of sixty (60) days after bid opening and cannot be subject to prior sale provisions.
11. In accordance with T.C.A. 62-6-119 all contractor license information, including electrical, plumbing, and HVAC must be listed on the outside of the bid envelope for projects of \$25,000 or more. All masonry contractor information must be included for masonry portions of a project exceeding \$100,000. In order to comply, list the **name of the project, contract number, name, address, and contractor's license number of the Bidder, expiration date of the Contractor's license, the classification applying to this bid, and date and time of opening**. All contractor information must be included for any of the above types of contractors. If this information is not listed, the bid will be deemed non-responsive.

City of Bristol, Tennessee

Invitation to Bid

GENERAL CONDITIONS

1. The City of Bristol reserves the right to reject any and all bids or parts thereof, and unless otherwise specified by the bidder, to accept any item in the bid. In case of error in extending the total amount of the bid, the unit price will govern. Bid pricing should be stated in both words and numbers. In the case of a discrepancy, the price in words will govern. The City also reserves the right to waive informalities on all or any part of any bid as deemed to be in the best interests of the City.
2. The purchaser is a municipality and invoices are processed for payment not less than twice a month. It shall be understood that the cash discount period will be extended to the date that invoices are paid. Payment will commence or be made in full after delivery and/or completion of the project and acceptance of equipment. All documents, invoice, title and exception certificate shall be presented to the Purchasing Department, 801 Anderson Street, Room 204, Bristol, Tennessee 37620.
3. In case of default by the bidder or contractor, the City of Bristol may procure the articles or services from other sources and hold the bidder or contractor responsible for any excess cost occasioned thereby.
4. All prices quoted shall be United States currency. Prices shall be stated in units of quantities specified.
5. Prices quoted, unless otherwise stated by bidder, will be considered as being based on delivery to destination as designated and to include any charges for packing, crating, containers, etc., and being in strict accordance with specifications as shown.
6. Whenever a reference is made in the specifications or in describing the materials, supplies or services required, or a particular trade name, manufacturer's catalog, or model number, the bidder, if awarded a contract, will be required to furnish the particular item referred to in strict accordance with the specifications or description unless a departure or substitution is clearly noted and described in the proposal by the bidder.
7. It is the intent of these specifications to secure and to insure the delivery of the specified unit(s) complete and ready to withstand the service and continuous use encountered by the City in the course of the work for which the unit(s) is/are intended. Omission of any essential detail from these specifications does not relieve the supplier from furnishing such unit.
8. The bidder, by executing a contract or bid proposal on the terms of the invitation to bid, warrants the product that is supplied to the buyer shall remain fully in accordance with the specifications and to be of the highest quality. All bids must be for new equipment. This provision excludes surplus, used or demonstrator products unless so stated in the specifications.
9. In the event the product as supplied to the buyer is found to be defective or does not conform to the specifications, the buyer reserves the right to cancel the order upon written notice to the supplier and return such product to the supplier at the supplier's expenses.
10. All parts not specifically mentioned herein, but which are necessary in order to furnish complete materials and installation shall be supplied by the bidder. Each product furnished to the City shall conform to the best known practices for the most recent unit.
11. If a bidder has any exceptions to these specifications, such exceptions must be stated in writing and describe in detail what is proposed to be furnished in lieu of the specified requirements. When the detailed specifications require specific brand names, model numbers, dimensions or capacities of components, it is because they have been carefully selected and specified for the intended service due to their reliability and/or availability of replacement parts on a local basis.

GENERAL CONDITIONS (CONTINUED)

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12. The bidder, if awarded an order or contract, agrees to protect, defend, and save harmless the City against any demand for the use of any patented materials, process, article, or device, that may enter into the manufacture, construction, or form a part of the work covered by either order or contract and he further agrees to indemnify and save harmless the City from suits or actions of every nature and description brought against it, for or on account of any injuries or damages received or sustained by any party or parties, by or from any of the acts of the contractor, his servants, or agents.
13. It is the policy of the City of Bristol, Tennessee to ensure equal opportunity in all aspects of its programs and services without regard to race, color, sex, or national origin under Title VI of the Civil Rights Act of 1964. This policy applies to the administration of programs, facilities, benefits, or services that receive assistance from the Federal government. During the performance of this contract, the successful vendor agrees as follows:
 - A. To comply with the regulations relative to nondiscrimination in federally assisted programs of the Department of Transportation, Title 49, Code of Federal Regulations, Part 21, (hereafter referred to as "Regulations") as they may be amended.
 - B. To ensure nondiscrimination on the grounds of race, color, sex, or national origin in the selection and retention of subcontractors, including procurement of materials and lease of equipment. The vendor shall not participate either directly or indirectly in discrimination prohibited by Section 21.5 of the Regulations, including employment practices.
 - C. That during solicitations either by competitive bidding or negotiation made by the vendor for work to be performed under a subcontract, including procurement of materials or lease of equipment, all potential subcontractors be notified by the vendor of their obligations under this contract and Regulations relative to nondiscrimination on the grounds of race, color, sex, or national origin.
 - D. That all information and reports required by the Regulations be readily accessible by the City of Bristol, Tennessee or the Tennessee Department of Transportation as may be pertinent to ascertain compliance with the Regulations.
 - E. That in the event of noncompliance with the nondiscrimination provisions of the contract, the City shall impose contract sanctions as it or the Tennessee Department of Transportation may determine to be appropriate, including but not limited to:
 1. Withholding payments until compliance is made, and/or
 2. Cancellation, termination, or suspension of the contract, in whole or in part.
 - F. That the vendor includes these provisions in all subcontracts, including procurement of materials and leases of equipment.
14. Samples, when requested, must be furnished free of expense prior to the opening of bids and if not destroyed will, upon request, be returned at the bidder's expense.
15. Terms and conditions, unless stated otherwise herein, are to be effective for one year from the date of bid acceptance by the City Council.
16. All federal, state, and local law requirements must be followed.
17. The City accepts responsibility of merchandise upon receipt at the City's delivery point unless otherwise noted herein.
18. The City reserves the right to purchase more or less of the Bid Items at the unit price listed on the Bid Pricing Sheet.

GENERAL CONDITIONS (CONTINUED)

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19. *Special Conditions*, if any, are enclosed and listed in the Table of Contents. A conflict between *Special Conditions* and *General Conditions* shall be construed in favor of the *Special Conditions*.
20. The *Description of Requirements and Specifications* for the procurement are enclosed herewith.
21. The specifications set forth are the minimum that are acceptable. The City of Bristol reserves the right to consider differences or variations in the character, quality or workmanship of the items offered, to reject any or all bids, and to accept any bid that it may deem to be in the best interest of the City.

- End of Section –

City of Bristol, Tennessee
SPECIAL CONDITIONS

**APPLICATION OF
PAVEMENT MARKINGS**

The successful contractor shall secure and maintain worker's compensation insurance in accordance with Tennessee law at all times during the performance of the services or work provided for in the contract. A certificate of such insurance shall be furnished to the City prior to contract commencement. The contractor shall verify worker's compensation insurance coverage for all subcontractors or shall contractually assume total responsibility for worker's compensation benefits of uninsured subcontractors and shall furnish the City satisfactory evidence thereof.

The contractor shall secure and maintain insurance as indicated on the Insurance Checklist at all times during the performance of the services or work provided for in the contract. Such policy shall name the City of Bristol, Tennessee as additional insured. The City reserves the right to reduce the minimum coverage requirement based on the scope of the work to be performed.

The contractor shall comply with all applicable laws, regulations, ordinances and codes of the federal, state, and local governments. The contractor shall hold the City harmless against any and all liability, losses, damages, claims, causes of action, suits of any nature, costs, and expenses, including reasonable attorney's fees, resulting from or arising out of the contractor's activities or omissions on the City's property or arising out of or resulting from the services for work provided for in the contract, including, without limitation, fines and penalties, violations of federal, state or local laws, or regulations promulgated there under, personal injury, wrongful death or property damage claims by any and all persons, including employees of the contractor.

- End of Section-

City of Bristol, Tennessee
DESCRIPTION OF REQUIREMENTS AND SPECIFICATIONS

APPLICATION OF PAVEMENT MARKINGS

Scope of Work: Application of Pavement Markings

The purpose of this project is to apply pavement markings to selected street segments in different materials for the City of Bristol, Tennessee. This work can be broken down into the following categories:

- A. Group A markings are to “refresh” (overlay) existing thermoplastic or painted pavement markings at selected, listed locations in northwestern Bristol within 90 days of award of bid with 90-mil thermoplastic pavement markings, either hot-melt or preformed.
- B. Group B markings are to overlay existing (or already laid out) painted longitudinal painted pavement markings on roadways that have already been resurfaced with 125-mil hot-melt pavement markings within 90 days of award of bid. These locations are primarily in southern and western Bristol.
- C. Group C markings are to install new hot-melt thermoplastic pavement markings on roadways that are to be resurfaced in the 2020 construction season with 90-mil hot-melt thermoplastic pavement markings. The contractor has the option to install such markings within 24 hours of paving, weather permitting, or to temporarily paint certain longitudinal pavement markings within 24 hours and then install permanent thermoplastic pavement markings as soon as practical. The locations are throughout the City of Bristol.

The contractor will be responsible for providing all labor, equipment, materials, and other requirements for the application of painted and hot-melt thermoplastic pavement markings at these locations in accordance with the current Federal Highway Administration and Tennessee Department of Transportation standards, as appropriate, for the materials and workmanship, as amended. At all locations the contractor will supply adequate traffic control devices, cones, flaggers, etc. as required to comply with the work zone standards in the latest and current edition of the *Manual on Uniform Traffic Control Devices*, as amended. The contractor will provide his or her own escort vehicles and drivers, as required.

The contractor will be responsible for the disposal of all waste products in accordance with the appropriate state, federal, and local laws.

All traffic paint used will be of a water-based type; no alkyd-based paints or paints containing excessive lead or lead compounds will be used. All traffic paint used will dry to a tack-free and track-free state within sixty (60) seconds of application, 15 mils thick above the plane. The contractor will solely be responsible for the removal of any traffic paint tracked by vehicles on pavement or on vehicles at no cost to the City of Bristol, Tennessee.

City staff will lay out all new pavement markings, on either new or existing older pavement, in advance of the Contractor arriving on the job site. The Contractor will not be responsible for any layout work.

No new crosswalks consisting of two parallel transverse lines will be installed. All crosswalks will be of the continental “piano key” type, with 24-inch lines approximately parallel to the flow of traffic, with 24-inch gaps between the lines, as laid out by the City.

Yield lines (“shark teeth”) will be measured by the length of the overall line from end to end, not by the measurement of the specific number of “teeth.”

Category Group A: Overlay of Existing Pavement Markings

In this type of work, there are already certain, specific existing thermoplastic or painted pavement markings that will be overlaid with new 90-mil thermoplastic materials (hot-melt or preformed), including glass beads, within 90 days of bid award.

The contractor will be paid per linear foot for 4-inch, 8-inch, 12-inch, and 24-inch lines (two 12-inch lines side-by-side in place of 24-inch lines are acceptable) and per each item installed for arrows, words, and symbols. Markings can be installed in either white or yellow, as appropriate, 90 mils thick above the plane.

Category Group B: Installation of Pavement Markings on Existing Asphalt

In this work, certain specific painted longitudinal pavement markings have been installed (with no more than one layer of paint) or laid out, and the markings will be overlaid/installed with new 125-mil hot-melt thermoplastic materials, including glass beads, within 90 days of bid award.

The contractor will be paid per linear foot for 4-inch lines. Markings can be installed in either white or yellow, as appropriate, 125 mils thick above the plane.

Category Group C: Application of New Hot-Melt Thermoplastic on New Asphalt

In this type of work, the City will lay out new pavement markings on new asphalt as appropriate and the Contractor will install 125-mil hot melt (not preformed) thermoplastic pavement markings, including glass beads. If necessary, City personnel can interpret these layout marks for the benefit of the painting crew. The Contractor will be given 24 hours' notice that new asphalt is to be installed and should be ready to install these markings within 24 hours of the completion of paving, weather permitting and as notified by the City.

The practice of applying temporary painted pavement markings until permanent hot-melt thermoplastic pavement markings can be applied will be permitted for certain longitudinal markings only as selected by the City. Such installation of temporary longitudinal painted pavement markings will be made at no cost to the City, and shall not relieve the Contractor of the necessity of installing the other markings as soon as possible.

The contractor will be paid per linear foot for 4-inch, 8-inch, 12-inch, and 24-inch longitudinal lines (two 12-inch lines side-by-side in place of 24-inch lines are acceptable), and per each item installed for arrows, words, and symbols. Markings can be installed in either white or yellow, as appropriate, 125 mils thick above the plane.

Reporting of Work to the City of Bristol, Tennessee

When the contractor reports to the City what pavement markings have been installed, the contractor will specify the work by date of installation and location (location to be specified by street and landmarks, such as "Main Street between 3rd Street and 4th Street" or "northbound Jones Street approach to Smith Street intersection"). Such reports will be made to the City at the end of each day (via telephone, fax, or leaving the data on voicemail is acceptable). Not only will this result in more accurate record keeping, but allow the contractor and City to refute such spurious damage claims such as motorists claiming to get wet paint on their vehicle on a street that was not painted that day.

Correction of Errors

Should the contractor install a pavement marking in error (such as a center line running through an intersection when there should have been a gap, or an excessive jog in an otherwise straight line), the contractor agrees to accept the decision of the jurisdiction as final in determining if an error has been made. Depending on the nature of the error, the contractor agrees to either repaint; reapply thermoplastic; reapply permanent tape to rectify the error; cover the error with black thermoplastic at no cost to the City of Bristol Tennessee. If a question arises on how to accomplish a certain task, it is better to ask before it is done and minimize such errors.

Marking Over Surface Utilities

If the surface utility features (manholes, valve covers, catch basins, etc.) are in line with a pavement marking, the pavement marking shall stop at the leading edge of the utility and start again on the far side of the feature. No payment shall be made for pavement markings that are applied to such features.

Marking on Gutter Pans

If the asphalt-surfaced street has Portland concrete gutter pans, the markings shall stop at the gutter pan/asphalt interface. Pavement markings shall not be applied to Portland concrete gutter pans unless specifically instructed to by the jurisdiction.

Payment Procedure

The contractor will submit a written request for payment to the City for work completed in the previous calendar month. These pay requests must be received by the tenth day of the month following the work for minimum payment delay. The City reserves the right to retain a ten (10%) percent retainage until the end of the fiscal year, so that the effects of time can be observed on the quality of materials and workmanship.

The receipt of a pay request from the contractor is also an acknowledgement by the contractor that all work completed has been certified to be in accordance with the appropriate specifications.

A pay request form or work log will be furnished to the contractor each month that work is done. The contractor will be required to indicate which materials were placed on what street, as referenced above. In addition, the contractor will be required to separate the payment due for work on state routes from payment due on locally maintained streets so that the City can be reimbursed by the State of Tennessee for work done on state routes.

References

The apparent qualified selected bidder will be so notified and given the opportunity to supply references to the City, should the City indicate the need, so that materials and workmanship of the apparent qualified selected bidder can be discussed with previous customers.

Estimated Bid Quantities

The quantity estimates shown on the bid form are for the anticipated work in the 2020 construction season. The unit prices supplied by the bidders will be applied to this sample project, and the grand totals used to determine the total bid. No guarantee is given by the City for the amount of material to be applied in any given period.

Bid unit prices are to remain constant throughout the duration of this contract, regardless of the quantity of the materials so applied. No other items will be pay items. No payment will be made for traffic control, mobilization, stocking charges, or other items.

REQUIREMENTS OF IRAN DIVESTMENT ACT

Name of Bidder: _____

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the Iran investment activities list created pursuant to T.C.A. § 12-12-106.

Name of & Title of Signer
(Print or Type): _____

Signature: _____

Date: _____

Complete and return with bid package.

TITLE VI VOLUNTARY DISCLOSURE BY VENDORS/CONTRACTORS

The purpose of this request is to provide statistical information related to Title VI regulations. This is a VOLUNTARY disclosure. The information requested pertains to the company owner.

- Race: White/Caucasian
 Black/African American
 Hispanic
 Asian
 American Indian and Alaskan Native
 Native Hawaiian or other Pacific Islander
 Other

- Gender: Male
 Female

This form will be maintained on file in the Finance Department for review by the City of Bristol, Tennessee and the Tennessee Department of Transportation Title VI Compliance Office.

DRUG-FREE WORKPLACE AFFIDAVIT OF PRIME BIDDER

STATE OF _____

COUNTY OF _____

Comes the affiant after having first been duly sworn and testifies as follows:

1. My name is _____. I hold the principal office of _____
(Name of principal office)
for _____
(Name of bidding entity)

2. _____ has
(Name of bidding entity)
submitted a bid to the City of Bristol, Tennessee for _____.

3. _____ has
(Name of bidding entity)
more than five (5) employees.

4. In accordance with *Tennessee Code Annotated* Section 50-9-113, this is to certify that _____
(Name of bidding entity)
has in effect at the time of submission of its bid for the above-referenced projects, a drug-free workplace program that complies with Title 50, Chapter 9 of the Tennessee Code.

5. This affidavit is made on personal knowledge.

Further the affiant saith this ____ day of _____, 20 ____.

(Signature of affiant)

(Title of affiant)

Subscribed and sworn before me this ___ day of _____, 20 ____.

(Signature of notary public)

My commission expires _____

NOTE: This affidavit is to be attached to the Bid Form at the time of submission.

City of Bristol, Tennessee
Insurance Checklist

REQUIRED COVERAGE (marked by "X")

MINIMUM LIMITS

- 1. Worker's Compensation (proprietor/partners/executive officers exclusion not allowed) – Statutory limits of Tennessee and Employer's liability \$100,000/accident, \$100,000/disease, \$500,000/disease policy limit.
- 2. Commercial General Liability (including Premises/Operations) \$1,000,000 CSL BI/PD each occurrence, \$1 million annual aggregate.
- 3. Automobile Liability & Owned /Hired/Non-Owned Vehicles \$1,000,000 BI/PD each accident, Uninsured motorist.
- 4. Independent Contractors \$1,000,000 CSL BI/PD each occurrence, \$1 million annual aggregate.
- 5. Products/Completed Operations \$1,000,000 CSL BI/PD each occurrence, \$1 million annual aggregate.
- 6. Contractual Liability \$1,000,000 CSL BI/PD each occurrence, \$1 million annual aggregate.
- 7. Personal and Advertising Injury Liability \$1,000,000 each offence, \$1 million annual aggregate.
- 8. Umbrella Liability \$1,000,000 BI/PD/PI.
- 9. Per Project Aggregate.
- 10. Professional Liability.
- a. Architects and Engineers \$1,000,000 per occurrence/claim.
- b. Asbestos Removal Liability \$2,000,000 per occurrence/claim.
- c. Medical Malpractice \$1,000,000 per occurrence/claim.
- d. Medical Professional Liability \$1,000,000 per occurrence/claim.
- 11. Miscellaneous E & O \$1,000,000 per occurrence/claim.
- 12. Motor Carrier Act End. (MCS-90) \$1,000,000 BI/PD each accident, Uninsured Motorist.
- 13. Motor Cargo Insurance.
- 14. Garage Liability \$1,000,000 BI/PD per occurrence.
- 15. Garage keepers liability \$500,000 Comprehensive, \$500,000 Collision.
- 16. Inland Marine-Bailee's Insurance \$ _____
- 17. Moving and Rigging Floater Endorsement to CGL.
- 18. Dishonesty Bond \$ _____
- 19. Builder's Risk/Installation Floater Provide coverage in the full amount of contract.

INSURANCE CHECKLIST (CONTINUED)

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- 20. XCU CoverageEndorsement to CGL.
- X 21. Carrier Rating shall be Best's Rating of B++V or better or its equivalent.
- X 22. Notice of cancellation, non-renewal or material changed in coverage shall be provided to City at least 30 days prior to action. Worker's Compensation notification shall be 10 days prior to action.
- X 23. The City of Bristol shall be named as Additional Insured on all policies except Worker's Compensation, Auto and Professional Liability.
- X 24. Certificate of Insurance shall show project number or other contract identifier used by the City.
- 25. OTHER INSURANCE REQUIRED: _____

INSURANCE AGENT'S STATEMENT:

I have reviewed the above requirements with the bidder named below. The bidder has coverage with this agency for all of the areas marked with the exception of the following numbers:

Comments: _____

Is Professional Liability excluded under General Liability? Yes____ No____

Is Contractual Liability excluded under Comm. General Liability? Yes____ No____

Is Independent Contractors excluded under Comm. General Liability? Yes____ No____

Carrier ratings: Insurer A____; Insurer B____; Insurer C____; Insurer D____

AGENCY NAME: _____

AUTHORIZED SIGNATURE: _____ Date: _____

CONTRACTOR'S STATEMENT:

I have reviewed the above requirements with my insurance agent(s) and, if awarded a contract, will provide all coverage's marked.

CONTRACTOR'S NAME: _____

AUTHORIZED SIGNATURE: _____ Date: _____

Bid Number: **20016** Bid or Project Name: **Pavement Markings**

This form and the General Contract Form must be completed and returned with the submitted bid.

- End of Section -

City of Bristol, Tennessee
General Contract Form

Purpose

The General Contract Form is included in every solicitation requiring insurance. The general requirements of the contract form are supplemented by items checked on the Insurance Checklist that identify specific requirements for the bid or project.

Insurance

Review this section carefully with your insurance agent or broker prior to submitting a bid or proposal. See Insurance Checklist (part of the Bid Forms) for specific coverage applicable to this contract. The term "Contract" as used in this section shall mean the Agreement covering the work that is entered into between the City of Bristol, Tennessee and the Contractor.

General Requirements

1.1 The Contractor shall not start work under this contract until the Contractor has obtained at its own expense all of the insurance called for hereunder and such insurance has been approved by the City; nor shall the Contractor allow any subcontractor to start work on any subcontract until all insurance required of the subcontractor has been so obtained and approved by the Contractor. Approval of insurance required of the Contractor will be granted only after submission to the Purchasing Agent of original, signed Certificate(s) of Insurance, General Contract Form, and Insurance Checklist or, alternately, at the City's request, certified copies of the required insurance policies.

1.2 No acceptance and/or approval of any insurance by the City shall be construed as relieving or excusing the Contractor, or the surety, or its bond, from any liability or obligation imposed upon either or both of them by the provisions of the Contract Documents.

1.3 The City of Bristol, Tennessee (including its elected and appointed officials, agents, and employees) is to be named as an additional insured under all coverage except Worker's Compensation and Automobile Liability, and the Certificate of Insurance or the certified policy, if requested, must so state. Coverage afforded under this paragraph shall be primary as respects the City, its elected and appointed officials, agents and employees. The following definition of the term "City" applies to all policies issued under the contract:

"The City of Bristol, Tennessee together with all of its various departments, bureaus, and agencies, as well as any affiliated or subsidiary board, committee, or authority."

1.4 The contractor shall provide insurance as specified in the Insurance Checklist contained in this document.

1.5 The Contractor covenants to save, defend, hold harmless and indemnify the City of Bristol, Tennessee together with its various departments, elected or appointed officials, employees, officers, counsel, agents, and any and all other persons or entities acting on behalf of the same (collectively the City) from and against any and all claims of any sort based upon any theory of liability whatsoever, for any and all harm, loss, damage, injury, cost (including court cost and attorney fees) charges, or other liability of any nature whatsoever, however caused, resulting from or arising out of or in any way connected with the contractors performance or non-performance of the terms of the contract documents or its obligations under the contract based upon any

GENERAL CONTRACT FORM (CONTINUED)

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theory of liability whatsoever, including claims brought by third persons, and further covenants to discharge all of the aforesaid persons and entities and forever hold them harmless from the same. The foregoing obligation to indemnify and defend shall continue in full force and effect after the aforesaid contractor completes all of the work required under the contract, until such time as the applicable statutes of limitation or repose have expired.

1.6 The Contractor shall be responsible for the work performed under the Contract Documents and every part thereof, and for all materials, tools, equipment, appliances, and property of any description used in connection with the work. The Contractor assumes all risks for direct and indirect damage or injury to the property or persons used or employed on or in connection with the work contracted for, and of all damage or injury to any person or property wherever located, resulting from any action, omission, commission or operation under the Contract, or in connection in any way whatsoever with the contracted work, until final acceptance of the work by the City.

1.7 Insurance coverage required in these specifications shall be in force throughout the Contract Term. If the Contractor fails to provide acceptable evidence of current insurance within ten days of written notice at any time during the Contract Term, the City shall have absolute right to terminate the Contract without any further obligation to the Contractor and the Contractor shall be liable to the City for the entire additional cost of procuring performance by another vendor and the cost of performing the incomplete portion of the Contract at time of termination.

1.8 Contractual and other liability insurance provided under this Contract shall not contain a supervision, inspection or engineering services exclusion that would preclude the City from supervising or inspecting the project as to the end result. The Contractor shall assume all on-the-job responsibilities as to the control of persons directly employed by it and of the subcontractors and any persons employed by the subcontractor.

1.9 Nothing contained in the specifications shall be construed as creating any contractual relationship between any subcontractor and the City. The Contractor shall be as fully responsible to the City for acts and omissions of the subcontractors and of persons employed by them as it is for acts and omissions of persons directly employed by the Contractor.

1.10 Precaution shall be exercised by the Contractor at all times for the protection of persons (including employees) and property. All existing structures, utilities, roads, services, trees, and shrubbery shall be protected against damage or interruption of service at all times by the Contractor and its subcontractors during the term of the Contract, and the Contractor shall be held responsible for any damage to property occurring by reason of its operation on the property.

1.11 If a Contractor cannot meet the insurance requirements contained in a bid, proposal, or project description, alternate insurance coverage may be considered. Written requests for consideration of alternate coverage must be received by the Director of Purchasing at least ten working days prior to the date set for receipt of bids or proposals. If the City denies the request for alternate coverage, the specified coverage will be required to be submitted. If the City permits alternate coverage, an amendment to the Insurance Requirement will be prepared and distributed prior to the time and date set for receipt of bids or proposals.

1.12 All required insurance coverage must be acquired from insurers authorized to do business in the State of Tennessee, and acceptable to the City. The insurers must also have policyholders' rating of "B++" or better, and a financial size of "Class V" or better in the latest edition of Best's Insurance Reports, unless the City grants specific approval for an exception in the same manner as described in 1.11 above.

1.13 The City may consider deductible amounts as part of its review of financial stability. The Contractor shall assume all deductibles.

GENERAL CONTRACT FORM (CONTINUED)

PAGE 3

Contractor's Insurance – Occurrence Basis:

2.1 The Contractor shall purchase the following insurance coverage, including the terms, provisions and limits shown in the Checklist:

Commercial General Liability – The Commercial General Liability policy shall include any or all of the following as indicated on the Checklist:

General aggregate limit is to apply per project;

Premises/Operations;

Action of Independent Contractors;

Contractual Liability including protection for the Contractor from claims arising out of liability assumed under this contract;

Personal Injury Liability including coverage for offenses related to employment;

Explosion, Collapse, or Underground (XCU) hazards.

Business Automobile Liability including coverage for any owned, hired, or non-owned motor vehicles, Uninsured Motorists insurance, and Automobile Contractual Liability.

Worker's Compensation statutory benefits as required by the State of Tennessee, or other laws as required by labor union agreements, including standard Other States coverage; Employers' Liability coverage.

Commercial General or other Liability Insurance – Claims-made Basis:

If Commercial, General or other liability insurance purchased by the Contractor has been issued on a claims-made basis, the Contractor must comply with the following additional conditions. The limits of liability and the extensions to be included as described in the Checklist remain the same. The Contractor must either:

- i. Agree to provide certificates of insurance evidencing the above coverage for a period of two years after final payment for the contract. Such certificates shall evidence a retroactive date, no later than the beginning of the Contractors or subcontractors' work under this contract, or
- ii. Purchase an extended (minimum two years) reporting period endorsement for the policy or policies in force during the term of this contract and evidence the purchase of this extended reporting period endorsement by means of a certificate of insurance or a copy of the endorsement itself.

Alternative Coverage (Self Insurance)

Notwithstanding any of the above, the Contractor may satisfy its obligations under this section by means of self-insurance for all or any part of the insurance required, provided that the alternative coverage is acceptable to the City.

Limits of Liability Coverage

Specific limits of liability coverage on the Insurance Checklist may be adjusted according to project risk if the adjustment is deemed appropriate and the amended amount is approved by the City Manager.

Verification of Compliance

I have read this General Contract Form and agree to all the terms and conditions contained therein.

Contractor's Name: _____

EIN or SSN: _____

Signed by: _____

Title: _____

Date: _____

This form and the Insurance Checklist must be completed and returned with the submitted bid.

- End of Section -

BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned,

_____, as Principal, and _____, as Surety, are hereby held and firmly bound unto the City of Bristol, Tennessee, as Owner, in the penal sum of:

_____ Dollars and _____ Cents (\$ _____) for the payment of which, well and truly to be made, we hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors and assigns.

Signed this _____ day of _____, 20_____.

The condition of the above obligation is such that whereas the Principal has submitted to the City of Bristol, Tennessee a certain BID, attached hereto and made a part hereof, to enter into a contract in writing for the construction of _____ for the City of Bristol, Tennessee.

NOW THEREFORE,

(a) If said Bid shall be rejected, or in the alternate,

(b) If said Bid shall be accepted and the Principal shall execute and deliver a Contract in the Form of Contract attached hereto (properly completed in accordance with said Bid) and shall furnish a bond for his faithful performance of said Contract, and for the payment of all persons performing labor or furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said BID, then this obligation shall be void, otherwise the same shall remain in force and effect, it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated. The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no way impaired or affected by any extension of the time within which the Owner may accept such BID; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

Principal

By: _____ (FIRM NAME)
_____ (SIGNATURE)
_____ (PRINTED NAME)
Address: _____

Surety

By: _____ (FIRM NAME)
_____ (SIGNATURE)
_____ (PRINTED NAME)
Address: _____

NOTE: A copy of the Power of Attorney of the Surety's Principal is required, and the amount of the bond must not be less than five (5) percent of the amount of bid.

Surety companies executing bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the project is located.

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS: that

(Name of Contractor)

(Address of Contractor)

a _____ hereinafter called Principal
(Corporation, Partnership, or Individual)

and _____
(Name of Surety)

(Address of Surety)

hereinafter called "Surety," are held and firmly bound unto

City of Bristol, Tennessee
P. O. Box 1189, Bristol, Tennessee 37621-1189

hereinafter called "Owner," in the penal sum of _____ Dollars
_____ Cents (\$_____) in lawful money of the United States, for the payment of which
sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these present.

THE CONDITION OF THIS OBLIGATION is such that whereas, the Principal entered into a certain contract
with the Owner, dated the _____ day of _____, 20_____,
a copy of which is hereto attached and made a part hereof for the construction of:

NOW, THEREFORE, if the Principal shall well, truly and faithfully perform its duties, all the undertakings, covenants,
terms, conditions, and agreements of said contract during the original term thereof, and any extensions thereof which may
be granted by the Owner, with or without notice to the Surety, and if he shall satisfy all claims and demand incurred under
such contract, and shall fully indemnify and save harmless the Owner from all cost and damages which it may suffer by
reason of failure to do so, and shall reimburse and repay the Owner all outlay and expense which the Owner may incur in
making good any default, then this obligation shall be void; otherwise to remain in full force and effect.

PROVIDED, FURTHER, that the said surety, for value received hereby stipulates and agrees that no change, extension
of time, alteration, or addition to the terms of the contract or to the work to be performed thereunder or the specifications
accompanying the same shall in any wise affect its obligation on this bond, and it does hereby waive notice of any such
change, extension of time, alteration or addition to the terms of the contract or to the work or to the specifications.

PROVIDED, FURTHER, that no final settlement between the Owner and the Contractor shall abridge the right of any
beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed in _____ counterparts, each one of which shall be deemed
an original, this the _____ day of _____, 20__.

PERFORMANCE BOND (CONTINUED)

Page 2

WITNESSES:

_____ Principal
BY: _____

_____ Address

WITNESSES:

_____ (SEAL)

_____ Surety
BY: _____

_____ Attorney-in-Fact

NOTE: A copy of the Power of Attorney of the Surety's Principal is required.

Surety companies executing bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the project is located.

- End of Section -

PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS: that

_____ (Name of Contractor)

_____ (Address of Contractor)

a _____ hereinafter called Principal
(Corporation, Partnership or Individual)

and _____ (Name of Surety)

_____ (Address of Surety)

hereinafter called "Surety," are held and firmly bound unto

City of Bristol, Tennessee
P. O. Box 1189, Bristol, Tennessee 37621-1189

hereinafter called "Owner," in the penal sum of _____ Dollars
_____ Cents (\$ _____) in lawful money of the United States, for the payment of which
sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these present.

THE CONDITION OF THIS OBLIGATION is such that whereas, the Principal entered into a certain contract
with the Owner, dated the _____ day of _____, 20_____,
a copy of which is hereto attached and made a part hereof for the construction of:

NOW, THEREFORE, if the Principal shall promptly make payment to all persons, firms, subcontractors, and
corporations furnishing materials for or performing labor in the prosecution of the work provided for in such contract, and
any authorized extension or modification thereof, including all amounts due for materials, lubricants, oil, gasoline, coal and
coke, repairs on machinery, equipment and tools consumed or used in connection with the construction of such work, and
all insurance premiums on said work, and for all labor, performed in such work, whether by subcontractor or otherwise,
then this obligation shall be void; otherwise to remain in full force and effect.

PROVIDED, FURTHER, that the said surety, for value received hereby stipulates and agrees that no change, extension
of time, alteration or addition to the terms of the contract or to the work to be performed there under or the specifications
accompanying the same shall in any wise affect its obligation on this bond, and it does hereby waive notice of any such
change, extension of time, alteration or addition to the terms of the contract or to the work or to the specifications.

PROVIDED, FURTHER, that no final settlement between the Owner and the Contractor shall abridge the right of any
beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed in _____ counterparts, each one of which shall be deemed
an original, this the _____ day of _____, 20__.

PAYMENT BOND (CONTINUED)

Page 2

WITNESSES:

_____ Principal
BY: _____

_____ Address

WITNESSES:

_____ (SEAL)

_____ Surety
BY: _____

_____ Attorney-in-Fact

NOTE: A copy of the Power of Attorney of the Surety's Principal is required. Surety companies executing bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the project is located.

- End of Section -

CITY OF BRISTOL, TENNESSEE
 Bid Pricing Sheet

Pavement Markings Bid # 20016 April 24, 2020
 July 1, 2020 through June 30, 2021

GROUP A: ALL OF PINNACLE PKWY, ALL OF STEVEN'S TRL SOUTH OF PINNACLE PKWY, HWY 11W FROM STEVEN'S TRL TO MEDIAN OPENING W OF PINNACLE PKWY

REFRESHING EXISTING THERMOPLASTIC PAVEMENT MARKINGS ¹

ROADWAY	FROM	TO	PAVEMENT MARKING ITEM	ITEM SIZE	ITEM COLOR	ITEM UNIT	EST. TOTAL QTY	UNIT PRICE (numbers)	UNIT PRICE (words)	TOTAL ITEM PRICE (numbers)	TOTAL ITEM PRICE (words)
Steven's Trl ³	Pinnacle Pkwy	Hwy 11W	solid double center line	4-inch	yellow	LF	120				
			solid lane line	4-inch	white	LF	60				
			stop bar	24-inch	white	LF	12				
			ahead+left combo arrow	standard	white	EA	1				
			right arrow	standard	white	EA	2				
			ahead arrow	standard	white	EA	1				
<i>Steven's Trl totals</i>											
Hwy 11W ^{2,5}	Steven's Trl	median opening west of Hwy 11W	island border	12-inch	white	LF	160				
			island crosshatching	12-inch	white	LF	80				
			dotted lane line	6-inch	white	LF	140				
			bike lane symbol	standard	white	EA	2				
			bike lane ahead arrow	standard	white	EA	2				
			left arrow	standard	white	EA	6				
right arrow	standard	white	EA	3							
<i>Hwy 11W totals</i>											
Pinnacle Pkwy ⁴	Hwy 11W	north end of road (including roundabout)	solid lane line	4-inch	white	LF	3410				
			dotted lane line	4-inch	white	LF	180				
			left arrow	standard	white	EA	18				
			ahead arrow	standard	white	EA	6				
			right arrow	standard	white	EA	3				
			ahead+left combo arrow	standard	white	EA	4				
			crosswalk lines ("piano keys")	24-inch	white	LF	1200				
			yield line ("shark teeth")	24-inch	white	LF	40				
			stop line	24-inch	white	LF	388				
			right arrow	standard	white	EA	3				
			<i>Pinnacle Pkwy totals</i>								
GROUP A GRAND TOTALS											

NOTES:

- These are the estimated actual quantities of pavement marking materials to be installed, not the length of the roadway containing those pavement markings. Quantity estimates are not guaranteed.
- Does not include new pavement markings to be installed on eastbound Hwy 11W associated with the construction of the adjacent Weigel's store in 2020.
- The stop line, right arrow, and ahead arrow at the Hwy 11W end of Steven's Trl are the only painted pavement markings to be refreshed in thermoplastic in this group.
- The crosswalk quantities include those existing crosswalks across private driveway approaches to Pinnacle Pkwy, parallel to the traffic flow along Pinnacle Parkway, but does not include the stop or yield lines on those private approaches upstream of those crosswalks.
- Includes the two dotted dual left-turn lane line extensions through the intersection of Highway 11W and Pinnacle Parkway.

GROUP B: VARIOUS ROADWAYS THROUGHOUT BRISTOL, TENNESSEE

OVERLAYING EXISTING PAINTED MARKINGS WITH THERMOPLASTIC, READY TO GO AT TIME OF BID ¹

ROADWAY	FROM	TO	PAVEMENT MARKING ITEM	ITEM SIZE	ITEM COLOR	ITEM UNIT	EST. TOTAL QTY	UNIT PRICE (numbers)	UNIT PRICE (words)	TOTAL ITEM PRICE (numbers)	TOTAL ITEM PRICE (words)
Island Rd ⁶	Hwy 11W	Walnut Hill Rd	solid double center line	4-inch	yellow	LF	4340				
			solid edge line	4-inch	white	LF	4340				
<i>Island Rd totals</i>											
Walnut Hill Rd	Island Rd	corporate limits south of Steeles Rd	solid double center line	4-inch	yellow	LF	3610				
<i>Walnut Hill Rd totals</i>											
Meadow View Rd	Hwy 126	Medical Park Blvd	solid double center line	4-inch	yellow	LF	15140				
<i>Meadow View Rd totals</i>											
Windsor Ave	near 1723 Windsor Ave	24th St	solid double center line	4-inch	yellow	LF	3350				
<i>Windsor Ave totals</i>											
24th St	Broad St	Windsor Ave	solid double center line	4-inch	yellow	LF	1350				
<i>24th St totals</i>											
White Top Rd	W end of widened section, just W of All-American Camp-ground entrance	corporate limits just east of Old White Top Rd	solid edge line (does not currently exist; will be laid out by City prior to installation to allow for wide shoulders)	4-inch	white	LF	5130				
<i>White Top Rd totals</i>											
Egypt Rd	Hwy 11E	corporate limits west of Lakefront Ln	solid double center line	4-inch	yellow	LF	2250				
<i>Egypt Rd totals</i>											
GROUP B GRAND TOTALS											

NOTES:

- These are the estimated actual quantities of pavement marking materials to be installed, not the length of the roadway containing those pavement markings.

REFRESHING EXISTING THERMOPLASTIC PAVEMENT MARKINGS ¹

ROADWAY	FROM	TO	PAVEMENT MARKING ITEM	ITEM SIZE	ITEM COLOR	ITEM UNIT	EST. TOTAL QTY	UNIT PRICE (numbers)	UNIT PRICE (words)	TOTAL ITEM PRICE (numbers)	TOTAL ITEM PRICE (words)
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Quantity estimates are not guaranteed.

6. The edge lines on this section of Island Rd do not currently exist.

REFRESHING EXISTING THERMOPLASTIC PAVEMENT MARKINGS ¹							EST. TOTAL QTY	UNIT PRICE (numbers)	UNIT PRICE (words)	TOTAL ITEM PRICE (numbers)	TOTAL ITEM PRICE (words)
ROADWAY	FROM	TO	PAVEMENT MARKING ITEM	ITEM SIZE	ITEM COLOR	ITEM UNIT					

GROUP C: VARIOUS ROADWAYS THROUGHOUT BRISTOL, TENNESSEE

INSTALLATION OF MARKINGS AFTER 2020 RESURFACING ^{1,7}							EST. TOTAL QTY	UNIT PRICE (numbers)	UNIT PRICE (words)	TOTAL ITEM PRICE (numbers)	TOTAL ITEM PRICE (words)
ROADWAY	FROM	TO	PAVEMENT MARKING ITEM	ITEM SIZE	ITEM COLOR	ITEM UNIT					
Exide Dr	Hwy 394	fire station eastern entrance	solid double center line	4-inch	yellow	LF	10210				
			solid edge line	4-inch	white	LF	10210				
			solid lane line	4-inch	white	LF	760				
			solid lane line ⁸	8-inch	white	LF	150				
			dotted lane line ⁸	8-inch	white	LF	60				
			island border	12-inch	white	LF	745				
			island crosshatching	12-inch	white	LF	445				
			right arrow	standard	white	EA	6				
			left arrow	standard	white	EA	1				
			O N L Y	standard	white	EA	4				
			stop line	24-inch	white	LF	46				
<i>Exide Dr totals</i>											
Blackley Rd ¹²	5th St	Rosedale Ln	solid double center line	4-inch	yellow	LF	4610				
			solid edge line	4-inch	white	LF	560				
			right arrow at 5th St	standard	white	EA	2				
			left arrow at 5th St	standard	white	EA	1				
			island border at 5th St	12-inch	white	LF	380				
			island crosshatching at 5th St	12-inch	white	LF	340				
			stop bar at 5th St	24-inch	white	LF	12				
			right side island border S of 5th St	12-inch	white	LF	245				
			right side island xhatch S of 5th St	12-inch	white	LF	115				
			island border at Transit Garage	12-inch	white	LF	262				
			island xhatch at Transit Garage	12-inch	white	LF	300				
			right arrow at Transit Garage	standard	white	EA	1				
			island border at Hazelwood St ¹⁰	12-inch	white	LF	254				
			island xhatch at Hazelwood St ¹⁰	12-inch	white	LF	90				
			Hazelwood St stop bar ¹⁰	standard	white	EA	1				
<i>Blackley Rd totals</i>											
Melrose St	Volunteer Pkwy	Southside Ave	solid double center line	4-inch	yellow	LF	1040				
			stop line	24-inch	white	LF	29				
			crosswalk lines ("piano keys") ⁹	24-inch	white	LF	60				
<i>Melrose St totals</i>											
Cox St	Volunteer Pkwy		solid double center line	4-inch	yellow	LF	110				
			stop line	24-inch	white	LF	26				
<i>Cox St totals</i>											
Holston Dr	Vance Dr		stop line at Vance Dr	24-inch	white	LF	12				
<i>Holston Dr totals</i>											
King College Rd (western portion)	E Cedar St	Edgefield Rd	solid double center line	4-inch	yellow	LF	4820				
			solid edge line	4-inch	white	LF	4780				
			SCHOOL	standard	white	EA	1				
<i>King College Rd totals (western portion)</i>											
King College Rd (eastern portion)	Trammel Rd	Old Jonesboro Rd	solid double center line	4-inch	yellow	LF	11500				
			solid edge line	4-inch	white	LF	11450				
			SCHOOL	standard	white	EA	1				
<i>King College Rd totals (eastern portion)</i>											
Virginia Ave ¹¹	Cypress St	Maple St	piano key crosswalk at Cypress St	24-inch	white	LF	50				
			piano key crosswalk at Pine St	24-inch	white	LF	50				
			piano key crosswalk at Maple St	24-inch	white	LF	50				
			stop line at Maple St	24-inch	white	LF	13				
<i>Virginia Ave totals</i>											
Southside Ave/6th St	7th St/Ash St	Weaver Pike	solid double center line	4-inch	yellow	LF	1340				
			solid lane line	4-inch	white	LF	330				
			stop line	24-inch	white	LF	74				
			left arrow	standard	white	EA	4				
			ahead+right combo arrow	standard	white	EA	4				
<i>Southside Ave/6th St totals</i>											
GROUP C GRAND TOTALS											

NOTES:

- These are the estimated actual quantities of pavement marking materials to be installed, not the length of the roadway containing those pavement markings. Quantity estimates are not guaranteed.
- Contractor has the option of temporarily painting longitudinal lines in Group C and then overlaying them with thermoplastic before the end of the 2020 paving season at no additional cost.
- For the Exide Dr westbound right lane between Edison Cir (W intersection) and Red Deer Rd as per MUTCD Figure 3B-11.
- The existing mid-block crosswalks are striped with two transverse lines; the new crosswalk will be striped as "piano keys." The crosswalk markings shall be at least six feet long and 24 inches wide, with a 24-inch gap between markings.
- If the limits of resurfacing on Blackley Rd reach this far in the Hazelwood St intersection.