

R. 20680

Contract Documents and Specifications

for

**2021 Road Program
Pavement Marking**

**County Project No. 3251
Bid No. PW 04-2021
February 24, 2021**

**Jackson County, Missouri
Department of Public Works
Engineering Division
303 West Walnut Street
Independence, Missouri 64050
(816) 881-4530**

Director of Public Works – Brian Gaddie, PE
Chief Engineer – Earl Newill, PE
Construction Manager – Ric Johnson, PE
Construction Inspector – Ben Allen

FILED

JUN 24 2021

**MARY JO SPINO
COUNTY CLERK**

State of Illinois

County of Cook

SURETY ACKNOWLEDGEMENT (ATTORNEY-IN-FACT)

I, Cassidy Kelly Notary Public of Cook County, in the State of Illinois,

do hereby certify that William Reidinger Attorney-in-Fact, of the Great American Insurance

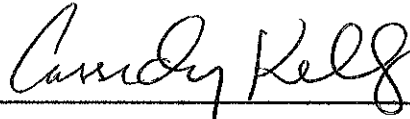
Company who is personally known to me to be the same person whose

name is subscribed to the foregoing instrument, appeared before me this day in person, and

acknowledged that he signed, sealed and delivered said instrument, for and on behalf of the

Great American Insurance Company for the uses and purposes therein set forth.

Given under my hand and notarial seal at my office in the City of Schaumburg in
said County, this 7th day of June, 2021.



Notary Public

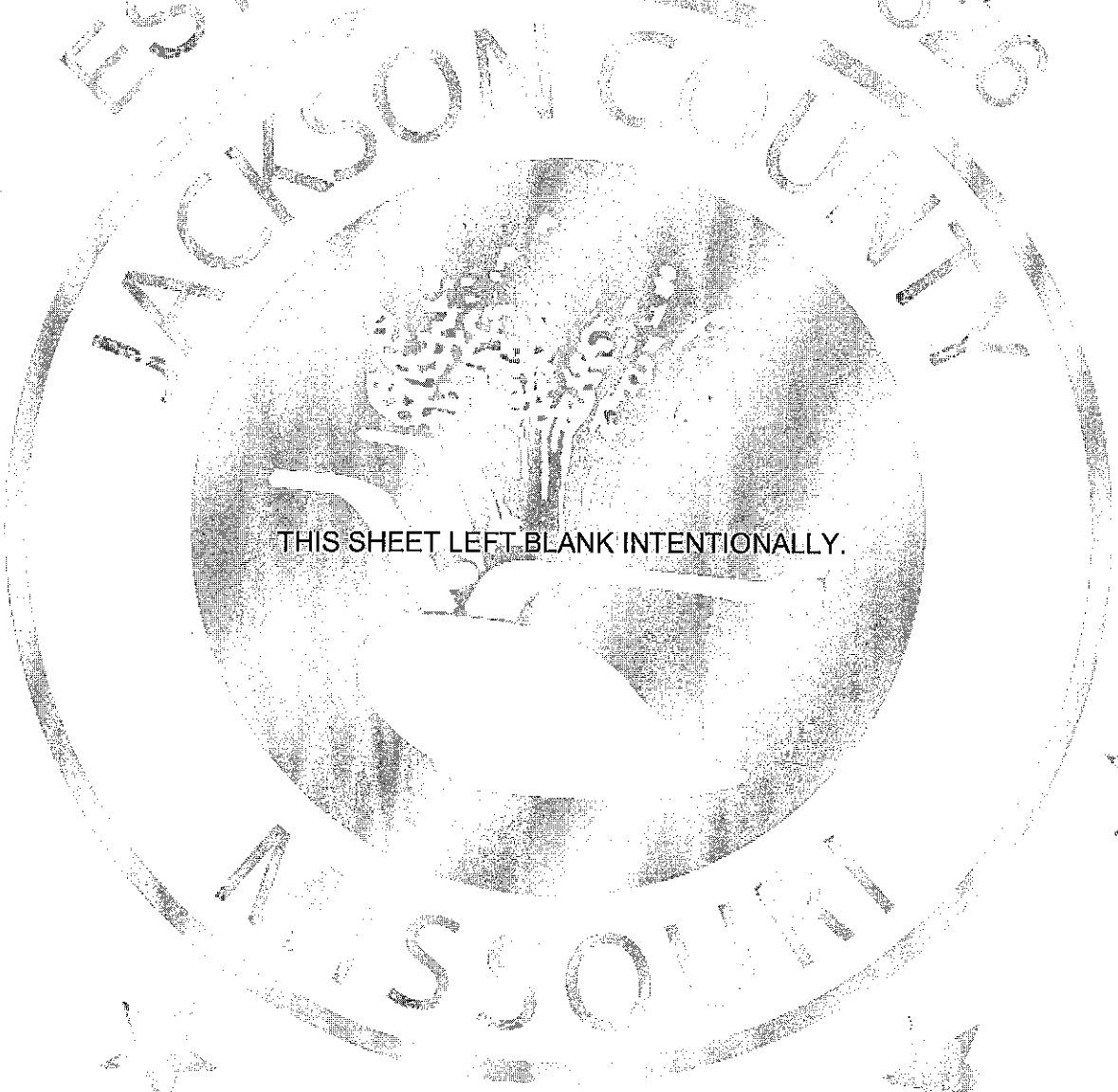
Cassidy Kelly

My Commission expires:

October 10, 2022



ESTABLISHED 1820



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BIDDING REQUIREMENTS

INVITATION TO BID

**JACKSON COUNTY, MISSOURI
2021 ROAD PROGRAM
PAVEMENT MARKING
COUNTY PROJECT NUMBER 3251 – COUNTY BID NUMBER PW 04-2021**

Bid documents will be available on **March 2, 2021**, for the **2021 ROAD PROGRAM – PAVEMENT MARKING**. All sealed proposal bids must be submitted to the office of the Director of Public Works, Engineering Division, 303 West Walnut Street, Independence, Missouri 64050, prior to 2:00 PM on **March 16, 2021**. Sealed proposals will be opened on **March 16, 2021** at 2:05 PM at that same address.

Project Work Includes: Installing pavement markings with paint and thermoplastic at various locations throughout the County.

Any Bidder, who has special needs addressed by the Americans with Disabilities Act, should notify the Project Manager at the number listed below, or through the Missouri Relay System. Jackson County hereby notifies all Bidders that it will affirmatively ensure that for any contract entered into pursuant to this advertisement, disadvantaged, minority and women business enterprises will be afforded full opportunity to submit bids in response to this invitation, and will not be discriminated against on the grounds of race, color, gender or national origin, in consideration for an award. Furthermore, a 0.0% MBE (Minority Business Enterprise), 0.0% WBE (Women Business Enterprise), and 0.0% VBE (Veterans Business Enterprise) goals as established by the Compliance Review Office (CRO) are part of this contract. Contractor shall comply with all requirements of Jackson County Ordinance No. 5123. Contractor shall ensure that it and its subcontractors collectively meet both the MBE, WBE, and VBE goals established by the County or show good faith effort as to why those goals could not be met and comply with all reporting requirements.

The sealed Proposals and Bid must be made on the forms provided in the contract documents. Each Proposal must include: 1) the completed bidding documents; 2) a cashier's check drawn on an acceptable bank, or an acceptable bidder's bond, in an amount not less than five (5) percent of the total amount of the bid (all surety performance bonds and surety labor and material bonds must be with companies listed in the Department of the Treasury, Federal Register); and, 3) a completed **COMPLIANCE REVIEW FORM** with current (issued within the last 12 months) Jackson County Certificate of Compliance attached. Failure to complete this report or attach a current certificate as outlined above may result in the rejection of the bid. For information contact the Compliance Review Officer at (816) 881-3302.

Specifications, and other proposed Contract documents may be secured from the Engineering Division, 303 West Walnut Street, Independence, Missouri 64050, during regular business hours 7:30 AM to 4:00 PM. A fee of **\$20.00** will be required for each set of contract documents. Fees are not refundable. For an additional \$15.00 fee, plans can be mailed. Checks, if used for payments of deposits, shall be made in favor of the Manager, of Finance.

Bidders may also view and print contract documents for free on line at <http://www.jacksongov.org/322/Bids-RFPs-RFQs>. This website contains a link to the Public Purchase, a web-based e-Procurement service for posting and receiving Public Works related bids. Any bidder using on-line documents must check the website periodically for Notice of Addendums or call the Project Manager at the number listed below.

The successful Bidder, as a condition of the award of this contract must:

Have a surety company which (1) meets the minimum standard for an insurance carrier which currently is in effect for all coverage's purchased by Jackson County; and (2) is on the most current United States Treasury list as a surety whose bonds are acceptable to the United States Government.

The project will be awarded to the lowest, responsive, responsible bidder.

Please contact Ric Johnson, PE (Senior Project Manager)(816-881-4499) if you have any questions.

INSTRUCTIONS TO BIDDERS

1. **PROPOSALS:** Each Proposal shall be legibly printed in ink or typed on the form provided with this bound copy of the Contract documents. No alterations in Proposal, or in the printed forms therefore, by erasures, interpolations, or otherwise will be acceptable unless each such alteration is signed or initialed by the bidder; if initialed, the County may require the bidder to verify any alteration. No alteration in the Proposal, or in the form, on which it is submitted, shall be made after the Proposal has been submitted. All addenda to the Contract documents, properly signed by the Bidder, shall accompany the Proposal at the time of submittal. Each Proposal shall be sealed in an envelope. The envelope shall be marked on the outside with the words "FOR BIDDING PURPOSES – 2021 ROAD PROGRAM – PAVEMENT MARKING Project Number: 3251"

2. **STATE SALES TAX EXEMPTION:** Jackson County is an exempt entity under 144.062, Revised Statutes of Missouri, and will issue the contractor and subcontractors an exemption certificate. Bidders are instructed not to include sales tax in their prices.

3. **PROPOSAL GUARANTEE:** Each Proposal shall be accompanied by a cashier's check drawn on an acceptable bank or an acceptable bidder's bond, in an amount not less than five percent (5%) of the total amount of the bid. Bids received without a Bid Guarantee or a Bid Bond will not be considered.

The successful Bidder, as a condition of the award of this contract must have a surety company which: (1) meets the minimum standard for an insurance carrier which currently is in effect for all coverage's purchased by Jackson County; and (2) is on the most current with United States Department of the Treasury list as a surety whose bonds are acceptable to the United States Government. See the following website: http://www.fiscal.treasury.gov/fsreports/ref/suretyBnd/c570_a-z.htm to the Department of the Treasury's Listing of the Certified Companies for Surety Bonds as part of the Financial Management Service, a Bureau of the United States Department of the Treasury.

The Proposal Guarantee shall be made payable without condition to Jackson County, Missouri, hereinafter referred to as County. The Proposal Guarantee may be retained by and shall be forfeited to the County as liquidated damages if the Proposal is accepted and a Contract based thereon is awarded and the bidder should fail to enter into a Contract in the form prescribed, with legally responsible sureties, within ten (10) days after such award is made by the County.

4. **RETURN OF PROPOSAL GUARANTEE:** The Proposal Guarantee deposit of each unsuccessful bidder will be returned upon request, when their Proposal is rejected. Similarly, the Proposal Guarantee deposit of the Bidder, to whom a Contract is awarded, will be returned when they execute a Contract and file a satisfactory performance bond. The Proposal deposit of the second lowest responsible bidder may be retained for a period not to exceed ninety (90) days, pending the execution of the contract and bond by the successful Bidder.

5. **WITHDRAWAL OF BID:** No bidder may withdraw their Proposal for ninety (90) days after the date and hour set for the opening. A bidder may withdraw their Proposal any time prior to expiration of the period during which Proposals may be submitted by a written request signed in the same manner and by the same person who signed the Proposal.

6. **ACCEPTANCE AND REJECTION OF BIDS:** The County reserves the right to accept the bid which, in its judgement, is the lowest and best bid; to reject any or all bids; and to waive irregularities or informalties in any bid. Bids received after the specified time of closing will be returned unopened.

7. **SIGNATURE OF BIDDERS:** Each bidder shall sign their Proposal using their usual signature and giving their full business address. Bids by partnerships shall be signed with the partnership name followed by the signature and designation of one of the partners or other authorized representative(s).

Bids by corporations shall be signed with the name of the corporation followed by the signature and designation of the president, secretary, or other person authorized to bind the corporation. The names of all persons signing should also be typed or printed below the signature. A bid by a person who affixed to their signature the word "president", "secretary", "agent", or other designation without disclosing their principal, may be held to be the bid of the individual signing. When requested by the County, satisfactory evidence of the authority of the person signing shall be furnished.

8. **INTERPRETATION OF CONTRACT DOCUMENTS:** If any person who contemplated submitting a bid is in doubt as to the true meaning of any part of the Plans, Specifications, or other proposed Contract Documents, they may submit to the engineer a written request for an interpretation thereof. The person submitting the request shall be responsible for its prompt delivery. Interpretation of the proposed Contract documents will be made only by addendum. A copy of each addendum will be mailed or delivered to each person obtaining a set of Contract documents from the Director of Public Works. The County will not be responsible for any other explanations or interpretations of the proposed Contract documents.

9. **LOCAL CONDITIONS AFFECTING WORK:** Each Bidder shall visit the site of the work and shall completely inform themselves relative to construction hazards and procedure, labor, and all other conditions and factors, local and otherwise, which would affect prosecution and completion of the work and its cost. Such considerations shall include the arrangement and condition of existing structures and storage facilities, the procedure necessary for maintenance of uninterrupted operation of existing facilities for transportation, handling, and storage of materials and equipment. All such factors shall be properly investigated and considered in the preparation of the bidder's proposal. There will be no subsequent financial adjustment for lack of such prior information.

10. **INSURANCE:** Throughout the life of the contract, the contractor will be required to carry the types and amounts of insurance named in the General Conditions paragraph GC-33.

11. **PAYMENTS:** Payment for all work performed under the proposed Contract will be made by the County in the manner set forth in the Special Conditions.

12. **TIME OF COMPLETION:** The time of completion is an essential part of the contract and it will be necessary for each bidder to satisfy the County of their ability to complete the work within the allowable time set forth in the Proposal. In this connection, attention is directed to the provisions of the General Conditions and Special Conditions relative to delays, extensions of time, and liquidated damages.

13. **QUALIFICATIONS OF BIDDERS:** The Director of Public Works reserves the right to inspect and approve the bidder's equipment before the award of contract. Both the prime contractor and all potential subcontractors must comply with all Affirmative Action provisions of this contract. The Contractor's attention is directed to the General Conditions paragraph GC-37 regarding subcontractors and to the Affirmative Action sheets given in the bid documents. The contractor shall identify all potential subcontractors on or before the bid opening, whether or not they eventually request that they be approved, on this Affirmative Action sheet.

14. **MINORITY, WOMEN & VETERAN BUSINESS ENTERPRISE UTILIZATION:** Contractor shall comply with all requirements of Jackson County Ordinance No. 4636. Contractor shall ensure that it and its subcontractors collectively meet the MBE, WBE, and VBE goals established by the County, or show good faith effort as to why those goals could not be met, and comply with all reporting requirements.

15. **TAXES AND PERMITS:** Attention is directed to the requirements of the **TAX CLEARANCE FORM** regarding payment of taxes.

16. **PERFORMANCE BOND:** Each Bidder to whom a contract is awarded will be required to furnish a performance bond to the County in an amount equal to one hundred percent (100%) of the Contract

Price. All surety performance and surety labor and material bonds must be with companies listed in the Department of the Treasury, Federal Register as surety companies acceptable on federal bonds. Accompanying the bond shall be a "Power of Attorney" authorizing the attorney-in-face to bind the surety company and certified to include the date of the bond.

17. **BID SUBMITTAL**: The bidder's attention is called to the packet, marked "FOR BIDDING PURPOSES", which is included with the bound copy. All necessary forms for bid submittal are found therein. **USE THE PACKET FORMS FOR SUBMITTING BIDS** instead of the proposal forms bound with the Specifications.

18. **COPIES OF PLANS AND SPECIFICATIONS**: Copies of the plans and specifications for use in preparing bids may be obtained from the Jackson County Public Works Department, Engineering Division; 303 West Walnut Street; Independence, Missouri 64050. A fee of **\$20.00** shall be required for each set of contract documents. Fees will not be refunded. Checks are to be made in favor of Manager, of Finance, Jackson County, Missouri.

19. **BUSINESS EXPECTANCY**: The lowest bidder shall not be considered as having received business expectancy merely because of submitting the lowest bid. Business expectancy does not exist until the contract is awarded by the Jackson County Legislature.

20. **RETAINAGE**: Contractor's attention is directed to the Special Conditions, which provides for a reduced retainer as long as the project schedule is maintained.

21. **WAGE LAW**: The Contractor shall comply with all requirements of the prevailing wage law of Jackson County, Missouri Chapter 19 Prevailing Wage Compliance Program, including the latest amendments thereto.

22. **ADDITIONAL INFORMATION FROM BIDDERS**: The County, in its sole discretion, may request additional information from any or all bidders.

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PROPOSAL
Jackson County, Missouri

**TO THE JACKSON COUNTY LEGISLATURE
KANSAS CITY, MISSOURI**

THE UNDERSIGNED BIDDER, having examined the Plans, Specifications, General and Special Conditions, Appendix, other proposed Contract documents, and all addenda thereto; and being acquainted with and fully understanding; (a) the extent and character of the work covered by this Proposal; (b) the location, arrangement, and specified requirements of the proposed work; (c) the location, character, and condition of existing streets, roads, highways, railroads, pavements, surfacing, walks, driveways, curbs, gutters, trees, sewers, utilities, drainage courses and structures, and other installations both surface and underground, which may affect or be affected by the proposed work; (d) the nature, extent and type of excavations to be made, character and general conditions of materials to be excavated; (e) the necessary handling and re-handling of excavated materials, including construction of fills and embankments; (f) the location and extent of necessary or probable de-watering requirements; (g) the difficulties and hazards to the work which might be caused by storm and flood-water; (h) local conditions relative to labor, transportation, hauling, and rail delivery facilities; and (i) all other factors and conditions affecting or which may be affected by the work.

HEREBY PROPOSED, furnish all required materials, supplies, equipment, tools, and plant, to perform all necessary labor and supervision; and to construct, install, erect, equip, and complete all work stipulated as required by, and in accordance with the contract documents and the plans, specifications, and other documents referred to herein (as altered, amended, or modified by all addenda thereto) for and in consideration of the prices included in this proposal.

The undersigned bidder agrees to furnish the required bond and to enter into a contract within ten (10) calendar days after acceptance of the Proposal, and further agrees to complete the entire work covered in the contract award within **100% completion by August 31st** from the Notice to Proceed.

Each Proposal submitted must be accompanied by a cashier's check or Proposal Guarantee bond in a minimum amount of five (5%) percent of the total amount of the bid. Checks shall be made in favor of Manager, Division of Finance, Jackson County, Missouri. Upon failure or refusal of the successful bidder to execute and deliver the contract and bond required within ten (10) days after they have been notified of the award of the Contract to them, as liquidated damages for such failure or refusal, the County may recover the full amount of the bond or in the event a cashier's check is furnished, an amount not-to-exceed five (5%) percent of the total amount of the bid.

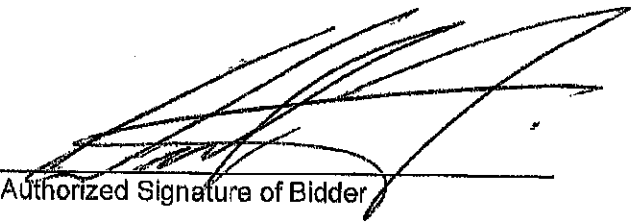
In submitting this bid, it is understood that the right is reserved by the County to reject any and all bids, or to accept or reject any portion of any bid, and it is understood that this bid may not be withdrawn during a period of ninety (90) days after the scheduled time for the receipt of bids.

The undersigned bidder hereby certifies: (a) that this bid is genuine and is not made in the interest of, or in the behalf of, any undisclosed person, firm, or corporation, and is not submitted in conformity with any agreement or rules of any group, association, organization, or corporation; (b) that they have not directly or indirectly induced or solicited any other bidder to put in a false or sham bid; (c) that they have not solicited or induced any person, firm or corporation to refrain from bidding; and (d) that they have not sought by collusion to obtain for themselves any advantage over any other bidder or over the County.

PROPOSAL (continued)

ADDENDA CERTIFICATION

The undersigned acknowledges receipt of addenda through and including numbers
N/A _____, and that the bid submitted is in accordance with information, instructions
and stipulations set forth thereby.



Authorized Signature of Bidder

Twin Traffic Marking Corporation

Company Name

03-15-21

Date

BID FORM



Jackson County, Missouri
Public Works Department – Engineering Division

**PROPOSAL FOR
2021 ROAD PROGRAM
PAVEMENT MARKING**

County Project No. 3251, Bid No. PW 04-2021

Item	Description	Quantity	Units	Unit Price	Total Price
1	4" Solid White Edge Lines (Paint)	273,368	LF	\$0.13	\$35,537.84
2	4" Solid White Lane Lines (Paint)	2,401	LF	\$0.13	\$312.13
3	4" Dashed White Lines (Paint)	3,549	LF	\$0.10	\$354.90
4	4" Dashed Yellow Lines (Paint)	6,216	LF	\$0.10	\$621.60
5	4" Double Solid Yellow Centerlines (Paint)	134,851	LF	\$0.26	\$35,061.26
6	6" Solid White Crosswalk Lines for Islands (Paint)	606	LF	\$4.00	\$2,424.00
7	18" Solid Yellow Diagonal Lines for Islands (Paint)	511	LF	\$6.00	\$3,066.00
8	4" Solid Yellow Paint with 4" Dashed Lines (Paint)	13,678	LF	\$0.19	\$2,598.82
9	24" White Stop Bars (Thermo)	396	LF	\$20.00	\$7,920.00
10	White Left Turn Arrows (Thermo)	23	EA	\$280.00	\$6,440.00
11	White Right Turn Arrows (Thermo)	9	EA	\$280.00	\$2,520.00
12	White Right/Thru Arrows (Thermo)	4	EA	\$500.00	\$2,000.00
13	White RR-Xing (Thermo)	2	EA	\$995.00	\$1,990.00
14	Force Account	1	FA	\$7,000.00	\$7,000.00
Total Bid for Project =					\$107,846.55

One hundred seven thousand eight hundred forty-six and fifty-five cents

Total Amount of Bid for Project (Typed or Written)

Twin Traffic Marking Corporation

Firm Name

Note: The County reserves the right to adjust the quantities up or down to any and all bid items to accommodate the available funds.

The undersigned states that this Proposal is made in the character or capacity checked in this paragraph, that they are the agent of, and is duly authorized to sign for:

Twin Traffic Marking Corporation

Legal Name of Firm

and that the Proposal is signed with the full understanding of the plans, provisions, specifications, and the foregoing terms of the Proposal.

- | | | | |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------|
| <input type="checkbox"/> | Missouri Individual | <input type="checkbox"/> | Foreign Individual |
| <input type="checkbox"/> | Missouri Partnership | <input type="checkbox"/> | Foreign Partnership |
| <input checked="" type="checkbox"/> | Missouri Corporation
Licensed in Missouri | <input type="checkbox"/> | Foreign Corporation |
| <input type="checkbox"/> | Individual or Partnership, Missouri or Foreign, doing business in Missouri under fictitious name, registered in the office of Secretary of State. | | |

Dated at Kansas City, Kansas

City, State

this 15th day of March, 2021

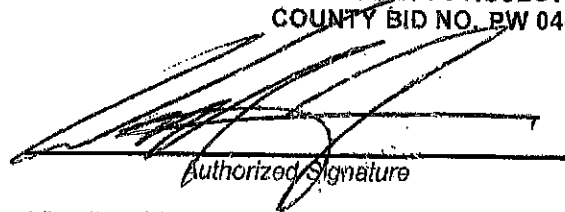
SIGNATURES

Name and Address of all Partners

William R Francis 4505 NW Rossella Ct, Riverside MO 64150

2021 ROAD PROGRAM
PAVEMENT MARKING

COUNTY PROJECT 3251
COUNTY BID NO. PW 04-2021



A large, stylized handwritten signature in black ink, written over a horizontal line.

Authorized Signature

Vice President

Title of Person Signing

Attest (Seal)



A second handwritten signature in black ink, appearing to be a name followed by initials, written below the attestation line.

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BID BOND



Project Number 3251
Project Title 2021 Road Program - Pavement Marking
Bond Number Bid Bond

KNOW ALL MEN BY THESE PRESENTS: That Twin Traffic Marking Corp. of _____

626 N. 47th Street, Kansas City, KS 66102, as Principal, and Great American Insurance Company as Surety, hereby bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents unto JACKSON COUNTY, MISSOURI, a constitutionally home rule chartered governmental organization, as Obligee, in the sum of

Ten Percent of Amount Bid Dollars (\$ 10%), lawful money of the United States.

WHEREAS, Principal is herewith submitting its Bid to enter into a contract with Jackson County for the above referenced project,

NOW, THEREFORE the condition of this obligation is such that if the Principal is awarded the contract the Principal will, within the time required, enter into a contract and give a good and sufficient surety bonds to secure the performance of the terms and conditions of the contract and for the prompt payment of all labor and material furnished in the prosecution thereof as required by the contract documents, then this obligation shall be void; otherwise the Principal and Surety will immediately pay unto the Obligee the full amount of this bond as liquidated damages for failure to fulfill the conditions of this obligation, but in no event shall the Surety's liability exceed the penal sum hereof.

Signed, sealed and delivered this 18th day of March, 2021

BIDDER AND PRINCIPAL

Name, address and facsimile number of Bidder and Principal

Twin Traffic Marking Corp.

626 N 47th Street

Kansas City, KS 66102

I hereby certify that I have authority to execute this document on behalf of Bidder and Principal.

By: _____

Title: _____

(Attach corporate seal if applicable)

Delivered to Public Works

SURETY

Name, address and facsimile number of Surety:

Great American Insurance Company

301 E. Fourth Street

Cincinnati, OH 45202

I hereby certify that (1) I have authority to execute this document on behalf of Surety; (2) Surety has an A.M. Best rating of A- or better; (3) Surety is named in the current list of "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Circular 570 (most current revision) by the Financial Management Service, Surety Bond Branch, U.S. Department of the Treasury; and (4) Surety is duly licensed to issue bonds in the State of Missouri and in the jurisdiction in which the Project is located.



By: *William Reindinger*

Title: William Reindinger, Attorney-in-Fact

Date: March 16, 2021

(Attach seal and Power of Attorney)

Downloaded from publicpurchasemo.com

GREAT AMERICAN INSURANCE COMPANY®

Administrative Office: 301 E 4TH STREET • CINCINNATI, OHIO 45202 • 513-389-8000 • FAX 513-723-2740

The number of persons authorized by this power of attorney is not more than 1

Bond No. Bld Bond

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That the GREAT AMERICAN INSURANCE COMPANY, a corporation organized and existing under and by virtue of the laws of the State of Ohio, does hereby nominate, constitute and appoint the person or persons named below its true and lawful attorney-in-fact, for it and in its name, place and stead to execute on behalf of the said Company, as surety, the specific bond, undertaking or contract of suretyship referenced herein; provided that the liability of the said Company on any such bond, undertaking or contract of suretyship executed under this authority shall not exceed the limit stated below. The bond number on this Power of Attorney must match the bond number on the bond to which it is attached or it is invalid.

Name	Address	Limit of Power
William Reidinger	20 N Martingale Rd, Suite 100 Schaumburg, IL 60173	\$100,000,000.00

Principal: Twin Traffic Marking Corporation
Obligee: Jackson County

IN WITNESS WHEREOF the GREAT AMERICAN INSURANCE COMPANY has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this 18th day of March, 2021.
Attest

GREAT AMERICAN INSURANCE COMPANY



Atty L. C. B.
Assistant Secretary

Mark V. Vicario
Divisional Senior Vice President
MARK VICARIO (877-377-2403)

STATE OF OHIO, COUNTY OF HAMILTON - ss:

On this 18th day of March, 2021, before me personally appeared MARK VICARIO, to me known, being duly sworn, deposes and says that he resides in Cincinnati, Ohio, that he is a Divisional Senior Vice President of the Bond Division of Great American Insurance Company, the Company described in and which executed the above instrument; that he knows the seal of the said Company; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by authority of his office under the By-Laws of said Company, and that he signed his name thereto by like authority.



SUSAN A KOHORST
Notary Public
State of Ohio
My Comm. Expires
May 18, 2025

Susan A. Kohorst

This Power of Attorney is granted by authority of the following resolutions adopted by the Board of Directors of Great American Insurance Company by unanimous written consent dated June 9, 2008.

RESOLVED: That the Divisional President, the several Divisional Senior Vice Presidents, Divisional Vice Presidents and Divisional Assistant Vice Presidents, or any one of them, be and hereby is authorized, from time to time, to appoint one or more Attorneys-in-Fact to execute on behalf of the Company, as surety, any and all bonds, undertakings and contracts of suretyship, or other written obligations in the nature thereof; to prescribe their respective duties and the respective limits of their authority; and to revoke any such appointment at any time.

RESOLVED FURTHER: That the Company seal and the signature of any of the aforesaid officers and any Secretary or Assistant Secretary of the Company may be affixed by facsimile to any power of attorney or certificate of either given for the execution of any bond, undertaking, contract of suretyship, or other written obligation in the nature thereof, such signature and seal when so used being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed.

CERTIFICATION

I, STEPHEN C. BERAHA, Assistant Secretary of Great American Insurance Company, do hereby certify that the foregoing Power of Attorney and the Resolutions of the Board of Directors of June 9, 2008 have not been revoked and are now in full force and effect.

Signed and sealed this 18th day of March, 2021.



Atty L. C. B.
Assistant Secretary

PROPOSAL (continued)

ACKNOWLEDGEMENT

STATE OF Kansas)
COUNTY OF Wyandotte) ss.

William R Francis

Printed Name of Authorized Person with Bidding Entity

being duly sworn, deposes and says that they are

Vice President

(Title of Person Signing)

, with

Twin Traffic Marking Corporation

(Name of Bidding Organization)

and that the answers to the foregoing questions and all statements therein contained are true and correct.

(Signature of Authorized Person with Bidding Entity)

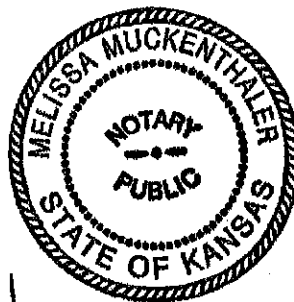
03-15-21

Date

Sworn to before me this 15 day of March, 2021.

Melissa Muckenthaler

Notary Public



My commission expires

11/25/24

PROPOSAL (continued)

ANTI-COLLUSION STATEMENT

STATE OF Kansas)
COUNTY OF Wyandotte) ss.

William R Francis

(Printed Name of Authorized Person with Bidding Entity)

being duly sworn, deposes and says that they are

Vice President

(Title of Person Signing)

, with

Twin Traffic Marking Corporation

(Name of Bidding Organization)

and that all statements made and facts set out in the proposal for the above project are true and correct, and that the bidder (the person, firm, association, or corporation making said bid) has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise competitive bidding in connection with such bid or any contract which may result from its acceptance.

[Handwritten Signature]
(Signature of Authorized Person with Bidding Entity)

03-15-21

Date

Affiliate further certifies that bidder is not financially interested in, or financially affiliated with, any other bidder for the above project.

By William R Francis

By _____

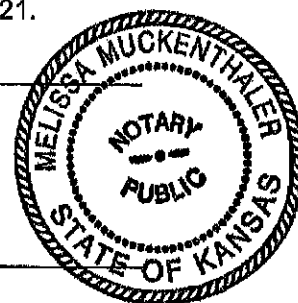
By _____

Sworn to before me this 15th day of March, 2021.

Melissa Muckenthaler

Notary Public

My commission expires 11/25/24



EQUIPMENT QUESTIONNAIRE

The undersigned hereby represents that they propose to perform the work in the following manner and with the following equipment:

a. The work, if awarded, will have the personal supervision of whom?

b. List below the equipment that will be used or is available for use on this contract.

Quantity Item	Description, Size, Capacity, etc.	Condition	Years of Service	Present Location
1	Paint Truck	Good	4	KC, KS
2	TMA Follow trucks	Good	6	KC, KS
1	One Ton Pickup	Good	6	KC, KS

Attach additional sheets if required.

LIST OF CONTRACTS ON HAND

Location	Type of Work / Contracting Agency	Contract Price	Date	% Complete
Please see attached				
				Type text here

Attach additional sheets as required.

AFFIDAVIT

Comes now William R Francis, of the
Printed Name of Affiant

Twin Traffic Marking Corporation
Name of Bidding Entity

and upon their oath states that in connection with the bid for
2021 Road Program Pavement Marking
Name of Project Being Bid Upon

that they have neither promised or paid any money in connection with the securing of this contract, and that no proceeds from the construction of the said project have been promised or will be paid to any individual or corporation. This affidavit is not construed to include payments for actual labor or materials furnished.

Further, Affiant sayeth naught.

[Handwritten Signature]
Signature of Affiant

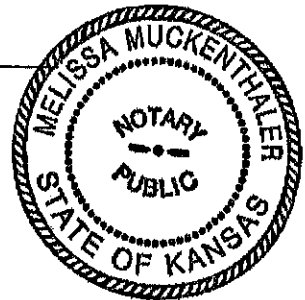
wyandotte county, Kansas

Subscribed and sworn to before me, a Notary Public in and for ~~Jackson County, Missouri,~~

this 15th day of March, 2021.

Melissa Muckenthaler
Notary Public

My commission expires 11/25/24



ANNUAL WORKER ELIGIBILITY VERIFICATION AFFIDAVIT

(for joint ventures, a separate affidavit is require for each business entity)

STATE OF Kansas)
COUNTY OF Wyandotte) ss

On the 15th day of March, 2021, before me appeared William R Francis
(Affiant name)

personally know to me or proved to me on the basis of satisfactory evidence to be a person whose name is subscribed to this affidavit, who being by me duly sworn, stated as follows:

• I, the Affiant, am of sound mind, capable of making this affidavit, and personally certify the facts herein stated as required by Section 285.530, RSMo, to enter into any contract agreement with the County to perform any job, task, employment, labor, personal services, or any other activity for which compensation is provided, expected, or due, including but not limited to all activities conducted by business entities.

• I, the Affiant, am the Vice President of Twin Traffic Marking Corporation
(Title) (Business Name)

and I am duly authorized, directed, and/or empowered to act officially and properly on behalf of this business entity.

• I, the Affiant, also hereby affirm and warrant that the aforementioned business entity is enrolled in a federal work authorization program operated by the United States Department of Homeland Security, and the aforementioned business entity shall participate in said program to verify the employment eligibility of newly hired employees working in connection with any services contracted by Jackson County, Missouri. I have attached documentation to this affidavit to evidence enrollment/participation by the aforementioned business entity in a federal work authorization program, as required by Section 285.530, RSMo.

• I, the Affiant, also hereby affirm and warrant that the aforementioned business entity does not and shall not knowingly employ, in connection with any services contracted by Jackson County, Missouri, any alien who does not have the legal right or authorization under federal law to work in the United States, as defined in 8 U.S.C. § 1324a(h)(3).

• I, the Affiant, am aware and recognize that, unless certain contract and affidavit conditions are satisfied pursuant to Section 285.525, RSMo, the aforementioned business entity may be held liable under Sections 285.525 through 285.550, RSMo, for subcontractors that knowingly employee or continue to employ any unauthorized alien to work within the State of Missouri.

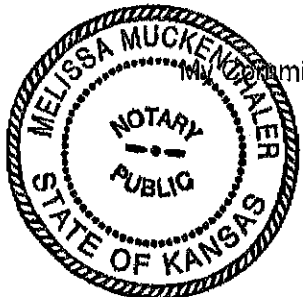
• I, the Affiant, acknowledge that I am signing this affidavit as a free act and deed of the aforementioned business entity and under duress.

Subscribed and sworn to before me, a Notary Public in and for Wyandotte Kansas Jackson County, Missouri, this

15th day of March, 2021.

My Commission Expires 11/25/24

Melissa Muckenthaler
Notary Public



TAX CLEARANCE

No person, firm, or corporation, resident in Jackson County, or otherwise legally within the taxing jurisdiction of the County, shall be eligible to provide any goods, contractual services or anything covered by the County Purchasing Ordinance, unless said person, firm, or corporation is duly listed and assessed on the County tax rolls and is in no way delinquent on any taxes payable to the County.

Where any individual, firm or corporation is a resident of Jackson County, or it otherwise appears that such firm is legally within the taxing jurisdiction of the County, and has made an offer, bid, or quotation for any County purchase, or has submitted an application to be given an opportunity to make quotations for County purchases, the Purchasing Manager shall cause a search to be made of the County tax rolls to determine the eligibility of that person, firm, or corporation under this section.

When the lowest responsible bidder is ineligible under this section, the Purchasing Manager may notify the bidder and allow three (3) days for the bidder to correct the deficiency or pay up any delinquency involved. If the bidder fails, after such notice, to comply within three (3) days, the Purchasing Manager shall proceed as though the lowest responsible bidder who is eligible under this section had entered the lowest bid.

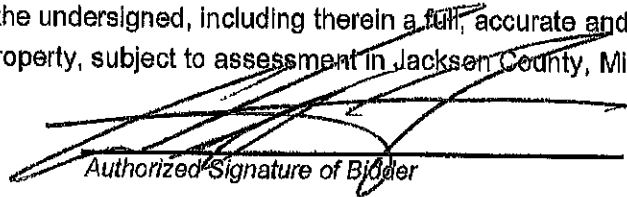
2021 ROAD PROGRAM
PAVEMENT MARKING

COUNTY PROJECT 3251
COUNTY BID NO. PW 04-2021

Clerk of the Legislature
Jackson County Courthouse
306 West Kansas Avenue
Independence, Missouri 64050

Gentlemen:

I do hereby certify that year 2020 Personal Property and/or Merchants and Manufacturers Tax for State, County, School and other purposes have been paid in the amount of \$ 0.00. I further certify that assessment returns as required by law for year 2020 were filed on behalf of the undersigned, including therein a full, accurate and complete listing of all tangible personal property, subject to assessment in Jackson County, Missouri.



Authorized Signature of Bidder

Vice President

Title

For: Twin Traffic Marking Corporation

Company Name

626 N 47th Street

Street Address

Kansas City, Kansas 66102

City, State & Zip

913-428-2575

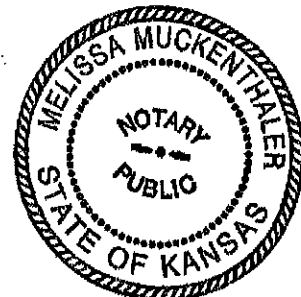
Telephone #

Federal I.D. # 43-1088207

Subscribed and sworn to before me, a Notary Public in and for Wyandotte Kansas Jackson County, Missouri, this 15th day of March, 2021.

Melissa Muckenthaler
Notary Public

My commission expires 11/25/24



EQUAL EMPLOYMENT OPPORTUNITY

The Contractor's attention is directed to Chapter 296, Section 296.010 to Section 296.070, inclusive, Revised Statutes of Missouri, "Discriminatory Employment Practices," including the latest amendments thereto, and to the Jackson County Ordinances, adopted by Ordinance Nos. 11, 479, and 1068, which provide in part, as follows:

"All contracts for labor services, supplies, and construction wherein Jackson County is a party, whether negotiated or formally advertised, shall contain a nondiscrimination in employment clause which shall provide that the contractor in the performance of the contract will not discriminate against any employee or applicant for employment because of race, creed, color, sex, age or national origin. Actions of the contractor shall include but not be limited to the following: Employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship."

The Contractor agrees to comply in all respects with all statutory provisions and the County Ordinances.

LIST OF INTENDED SUBCONTRACTORS

Bidder Name: _____

Will subcontractors be used to complete the work? _____ Yes _____ No

If yes, complete this form and submit it with your bid.

Subcontractor No. _____

Name: _____

Address: _____

City & Zip Code: _____

Telephone No: _____ Fax No: _____

Description of work to be performed (include Bid Item Number, and Bid Item):

Dollar	\$
Amount	

Subcontractor No. _____

Name: _____

Address: _____

City & Zip Code: _____

Telephone No: _____ Fax No: _____

Description of work to be performed (include Bid Item Number, and Bid Item):

Dollar	\$
Amount	

(List of Subcontractors Continued)

Subcontractor No. _____

Name: _____

Address: _____

City & Zip Code: _____

Telephone No: _____ Fax No: _____

Description of work to be performed (include Bid Item Number, and Bid Item):

Dollar	\$
Amount	

Subcontractor No. _____

Name: _____

Address: _____

City & Zip Code: _____

Telephone No: _____ Fax No: _____

Description of work to be performed (include Bid Item Number, and Bid Item):

Dollar	\$
Amount	

CERTIFICATE OF COMPLIANCE



OFFICE OF COUNTY AUDITOR
COMPLIANCE REVIEW OFFICE
415 East 12th Street, 2nd Floor
Kansas City, Missouri 64106
(816) 881-3302

CERTIFICATE OF COMPLIANCE NOTICE:

Effective September 21, 2020 all vendors doing business with Jackson County are required to obtain a Certificate of Compliance issued by Jackson County Compliance Review Office.

Certificates of Compliance will be required to be submitted with any bid response on September 21, 2020 or after. Failure to comply with this requirement may result in the REJECTION of a bid.

Vendors may complete a
Certificate of Compliance Application by visiting
www.lacomocompliance.com

A Certificate of Compliance will certify that vendors meet the following requirements:

1. Are duly listed and assessed on the tax rolls of Jackson County and are not delinquent in the payment of any taxes due to the County, or do not have on December 31st of the previous year any property subject to taxation by Jackson County.
2. Attest and agree to Chapter 6 of the Jackson County Code which prohibits discriminatory practices and promotes Equal Employment Opportunity by contractors doing business with Jackson County.

Certificate of Compliance Application must be submitted five (5) business days prior to a bid response deadline to allow sufficient time to process. A Certificate of Compliance is not guaranteed if this timeline is not met.

QUESTIONS? Email compliance@jacksongovorg

CONTRACTOR UTILIZATION PLAN
CONTRACTOR UTILIZATION PLAN

Bid Number: PW 01-2021
Bid Title: 2021 Road Program – Mill and Overlay
Contracting Department: Public Works Department (Engineering Division)

Bidder: Twin Traffic Marking Corp

I, William R Francis, of lawful age and upon my oath state as follows:

1. This Affidavit is made for the purpose of complying with the provisions of the MBE/WBE/VBE submittal requirements on the above Invitation to Bid and the MBE/WBE/VBE Program and is given on behalf of the Bidder listed above. It sets out the Bidder's plan to utilize MBE and/or WBE and/or VBE prime and subcontractors on the Bid.

The goals set by Jackson County, Missouri are:
9.5 %MBE 11.5 %WBE 9.5 %VBE

2. Bidder stipulates that it will utilize a minimum of the following percentages of MBE/WBE participation in the above bid:
0 %MBE 0 %WBE 0 %VBE

3. The following are the MBE/WBE/VBE Contractors to be utilized on the above-named Bid. Bidder maintains that it either has a formal contract or a conditional contract contingent upon award.

Please note:

- a. If Bidder is a certified MBE, WBE, or VBE firm, it may list itself in the appropriate area below.
- b. No contractor may be listed under multiple categories below regardless of certifications

INTERNAL USE ONLY

CUP RECEIVED: _____ CUP APPROVED: _____

GFW RECEIVED: _____ GFE APPROVED: _____

CUP REVISED: _____ REVISION APPROVED: _____

APPROVED GOALS: _____ MBE _____ WBE _____ VBE

RES/ORD: _____ AMT AWARDED: _____

NOTES: _____

MBE SUBCONTRACTORS

A.	MBE Firm:	N/A	INTERNAL USE ONLY Certifying Agency: _____ KCMO _____ State of MO Approved: Y N Contract Value: \$
	Address line 1:		
	Address line 2-Including County:		
	Telephone Number:		
	President/Owner:		
	Email Address:		
	Certifying Agency:		
	Expiration Date of Certification:		
	Scopes of Work Utilized:		
	Percentage of Contract Awarded:		

B.	MBE Firm:		INTERNAL USE ONLY Certifying Agency: _____ KCMO _____ State of MO Approved: Y N Contract Value: \$
	Address line 1:		
	Address line 2-Including County:		
	Telephone Number:		
	President/Owner:		
	Email Address:		
	Certifying Agency:		
	Expiration Date of Certification:		
	Scopes of Work Utilized:		
	Percentage of Contract Awarded:		

C.	MBE Firm:		INTERNAL USE ONLY Certifying Agency: _____ KCMO _____ State of MO Approved: Y N Contract Value: \$
	Address line 1:		
	Address line 2-Including County:		
	Telephone Number:		
	President/Owner:		
	Email Address:		
	Certifying Agency:		
	Expiration Date of Certification:		
	Scopes of Work Utilized:		
	Percentage of Contract Awarded:		

TOTAL MBE VALUE:		\$
------------------	--	----

*** Add Additional Pages as Necessary ***

WBE SUBCONTRACTORS

A.	WBE Firm:	N/A	INTERNAL USE ONLY Certifying Agency: _____ KCMO _____ State of MO Approved: Y N Contract Value: \$
	Address line 1:		
	Address line 2-Including County:		
	Telephone Number:		
	President/Owner:		
	Email Address:		
	Certifying Agency:		
	Expiration Date of Certification:		
	Scopes of Work Utilized:		
	Percentage of Contract Awarded:		

B.	WBE Firm:		INTERNAL USE ONLY Certifying Agency: _____ KCMO _____ State of MO Approved: Y N Contract Value: \$
	Address line 1:		
	Address line 2-Including County:		
	Telephone Number:		
	President/Owner:		
	Email Address:		
	Certifying Agency:		
	Expiration Date of Certification:		
	Scopes of Work Utilized:		
	Percentage of Contract Awarded:		

C.	WBE Firm:		INTERNAL USE ONLY Certifying Agency: _____ KCMO _____ State of MO Approved: Y N Contract Value: \$
	Address line 1:		
	Address line 2-Including County:		
	Telephone Number:		
	President/Owner:		
	Email Address:		
	Certifying Agency:		
	Expiration Date of Certification:		
	Scopes of Work Utilized:		
	Percentage of Contract Awarded:		

TOTAL WBE VALUE:		\$
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*** Add Additional Pages as Necessary ***

VBE SUBCONTRACTORS

A.	VBE Firm:	N/A	INTERNAL USE ONLY Certifying Agency: _____ KCMO _____ State of MO Approved: Y N Contract Value: \$
	Address line 1:		
	Address line 2-including County:		
	Telephone Number:		
	President/Owner:		
	Email Address:		
	Certifying Agency:		
	Expiration Date of Certification:		
	Scopes of Work Utilized:		
	Percentage of Contract Awarded:		

B.	VBE Firm:		INTERNAL USE ONLY Certifying Agency: _____ KCMO _____ State of MO Approved: Y N Contract Value: \$
	Address line 1:		
	Address line 2-including County:		
	Telephone Number:		
	President/Owner:		
	Email Address:		
	Certifying Agency:		
	Expiration Date of Certification:		
	Scopes of Work Utilized:		
	Percentage of Contract Awarded:		

C.	VBE Firm:		INTERNAL USE ONLY Certifying Agency: _____ KCMO _____ State of MO Approved: Y N Contract Value: \$
	Address line 1:		
	Address line 2-including County:		
	Telephone Number:		
	President/Owner:		
	Email Address:		
	Certifying Agency:		
	Expiration Date of Certification:		
	Scopes of Work Utilized:		
	Percentage of Contract Awarded:		

TOTAL VBE VALUE:		\$
-------------------------	--	-----------

*** Add Additional Pages as Necessary ***

ACKNOWLEDGEMENT

Bidder acknowledges that it is responsible for considering the effect that any change order and/or amendments changing the total contract amount may have on its ability to meet or exceed the subcontractor participation goals.

Good Faith Effort: Bidder further acknowledges that it is responsible for submitting a Good Faith Effort Form if it will be unable to meet the participation goals. A **Good Faith Effort Form** documents the efforts a Bidder puts forth to achieve the MBE and/or WBE and/or VBE goals on a project. **Simply stating that goals cannot be met is not considered sufficient.**

Contract Modification Form: If, at any point during the life of the awarded contract, the contractor needs to substitute an approved subcontractor, a **Contractor Modification Form** must be submitted to the Compliance Review Office.

Any Good Faith Effort or Contractor Modification Form must be approved by the Compliance Review Office.

***** Contact the Compliance Review Office (816-881-3302) for assistance or to request forms. *****

I hereby certify that I am authorized to make this Affidavit on behalf of the Bidder named below and who shall abide by the terms set forth herein: I acknowledge that the assigned values determined by this Contractor Utilization Plan shall be enforceable under the contract terms and conditions.

Bidder Primary Contact: William R Francs

Title: Vice President Email: bill@twlnttraffic.com

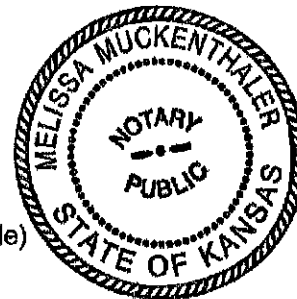
Date: 03-15-21 Phone: 913-428-2575

Subscribed and sworn to before me this 15th day of March, 2021.

Melissa Mucken-thaler
Notary Public

My Commission Expires: 11/25/24

(Attach corporate seal if applicable)



For questions on this form please contact:

Compliance Review Office
816-881-3302
CRO@jacksongov.org

OSHA TEN HOUR TRAINING REQUIREMENTS

Missouri Law, Section 292.675, RSMo, requires any awarded contractor and its subcontractor(s) to provide a ten-hour Occupational Safety and Health Administration (OSHA) Construction Safety Program (or a similar program approved by the Missouri Department of Labor and Industrial Relations as a qualified substitute) for their on-site employees (laborers, workmen, drivers, equipment operators, and craftsmen) who have not previously completed such a program and are directly engaged in actual construction of the improvement (or working at a nearby or adjacent facility used for construction of the improvement). The awarded contractor and its subcontractor(s) shall require all such employees to complete this ten-hour program, pursuant to Section 292.675, RSMo, unless they hold documentation on their prior completion of said program. Penalties, for Non-Compliance include Contractor forfeiture to the Contracting Authority in the amount of \$2,500, plus \$100 per Contractor and subcontractor employee for each calendar day such employee is employed beyond the elapsed time period for required program completion under Section 292.675, RSMo.

The undersigned bidder hereby certifies:

OSHA 10 CARD CERTIFICATION

The undersigned bidder hereby certifies and acknowledges receipt of OSHA 10 Card(s) as the Contractor and for the subcontractor(s) of this project. Copies of the card(s) shall be provided to Jackson County, MO to be reviewed by the Compliance Review Office.



Authorized Signature of Bidder

Twin Traffic Marking Corporation

Company Name

03-15-21

Date

Jackson County Missouri

Certificate of Compliance



In accordance with Jackson County Code Chapter(s) 6 and 10,
this Certificate of Compliance is hereby issued to:

Twin Traffic Marking Corporation
626 N 47th Street
Kansas City, KS 66102
20201207VC102

Issued: 2020-12-07
Expires: 2022-01-31

The above named firm/agency has met the following requirements:

Is duly listed and assessed on the tax rolls of Jackson County, Missouri and is not delinquent in the payment of any taxes due to the County, or did not have on December 31st of the previous year any property subject to taxation by the County

Attests and agrees to Chapter 6 of the Jackson County Code which prohibits discriminatory employment practices and promotes equal employment opportunity by contractors doing business with Jackson County.

A handwritten signature in black ink, appearing to read "John Smith", is written over a horizontal line.

Chief Compliance Review Officer
Jackson County Missouri
816-881-3302
compliance@jacksonsongov.org

E-Verify

Company ID Number: 190257



THE E-VERIFY PROGRAM FOR EMPLOYMENT VERIFICATION MEMORANDUM OF UNDERSTANDING

ARTICLE I

PURPOSE AND AUTHORITY

This Memorandum of Understanding (MOU) sets forth the points of agreement between the Department of Homeland Security (DHS) and Twin Traffic Marking Corporation (Employer) regarding the Employer's participation in the Employment Eligibility Verification Program (E-Verify). This MOU explains certain features of the E-Verify program and enumerates specific responsibilities of DHS, the Social Security Administration (SSA), and the Employer. E-Verify is a program that electronically confirms an employee's eligibility to work in the United States after completion of the Employment Eligibility Verification Form (Form I-9). For covered government contractors, E-Verify is used to verify the employment eligibility of all newly hired employees and all existing employees assigned to Federal contracts.

Authority for the E-Verify program is found in Title IV, Subtitle A, of the Illegal Immigration Reform and Immigrant Responsibility Act of 1996 (IIRIRA), Pub. L. 104-208, 110 Stat. 3009, as amended (8 U.S.C. § 1324a note). Authority for use of the E-Verify program by Federal contractors and subcontractors covered by the terms of Subpart 22.18, "Employment Eligibility Verification", of the Federal Acquisition Regulation (FAR) (hereinafter referred to in this MOU as a "Federal contractor") to verify the employment eligibility of certain employees working on Federal contracts is also found in Subpart 22.18 and in Executive Order 12989, as amended.

ARTICLE II

FUNCTIONS TO BE PERFORMED

A. RESPONSIBILITIES OF SSA

1. SSA agrees to provide the Employer with available information that allows the Employer to confirm the accuracy of Social Security Numbers provided by all employees verified under this MOU and the employment authorization of U.S. citizens.
2. SSA agrees to provide to the Employer appropriate assistance with operational problems that may arise during the Employer's participation in the E-Verify program. SSA agrees to provide the Employer with names, titles, addresses, and telephone numbers of SSA representatives to be contacted during the E-Verify process.
3. SSA agrees to safeguard the information provided by the Employer through the E-Verify program procedures, and to limit access to such information, as is appropriate by law, to individuals responsible for the verification of Social Security Numbers and for evaluation of the E-Verify program or such other persons or entities who may be authorized by SSA as governed by the Privacy Act (5 U.S.C. § 552a), the Social Security Act (42 U.S.C. 1306(a)), and SSA regulations (20 CFR Part 401).

E-Verify



Company ID Number: 190257

To be accepted as a participant in E-Verify, you should only sign the Employer's Section of the signature page. If you have any questions, contact E-Verify at 888-464-4218.

Employer Twin Traffic Marking Corporation

James R Francis

Name (Please Type or Print)

UP
Title

Electronically Signed

Signature

02/13/2009

Date

Department of Homeland Security - Verification Division

USCIS Verification Division

Name (Please Type or Print)

Title

Electronically Signed

Signature

02/13/2009

Date

TTMC Job List

Contractor	TTMC No	Project No	Project	County	TTMC Amt
American Bridge Company	4255	I070-105 KA-2130-02 / N	I-70 Lewis and Clark Viaduct	Wyandotte	48,678.55
Amlino Brothers Co. Inc.	1940	KCMO #: 89008160	North Northwood Road	Platte	26,688.70
Amlino Brothers Co. Inc.	2203	J4P3212 / FAS S301(98)	MoDOT: Route H	Jackson	2,139.80
Amlino Brothers	3071	89008207 / Fed: STP-34	City of Kansas City: North Green Hills Road - Complete Street	Platte	9,470.00
Amlino Brothers Co. Inc.	4493	23 TE 0472-01 / TA-T047	KDOT: Baldwin City Pedestrian & Bicycle Paths	Douglas	7,670.00
Amlino Brothers Co. Inc.	4507	105 N 0677-01 / STP-N06	KDOT: K-5 Leavenworth Road	Wyandotte	48,911.85
APAC Kansas - Shears	4457	20018	City of Salina: 2020 Mill and Inlay	Salina	20,328.00
Bayer Construction	4323	W911RX-18-D-0007	Fort Riley: Maintenance, Repair & Minor Construction of Road	Geary / Riley	91,837.50
Bayer Construction	4508		City of Manhattan: Chapel Hill Addition	Riley	35,976.00
B&B Bridge Company	4398	U077-031 KA 3953-01	KDOT: BR #043 on US77	Geary	9,150.00
Bettis Asphalt & Const.	4421	U189-002 KA 2380-01 / N	KDOT: US-169 Grading Bridge & Surfacing	Anderson	90,639.30
Bettis Asphalt & Const.	4465	KTA Contract NO: 7709	KTA: Truck Parking Expansion - Topeka Service Area	Shawnee / Doug	26,641.60
Bettis Asphalt & Const.	4489	I035-030 KA-5559-01 / N	KDOT: I-35	Franklin	248,888.76
Bettis Asphalt & Const.	4491	U089-006 KA-5482-01 / N	KDOT: US-69 Mill & HMA Overlay	Bourbon	125,517.05
Bettis Asphalt & Const.	4495	K004-089 KA-5483-01 / N	KDOT: K-4	Shawnee	109,262.30
Capital Paving & Construction LLC	2207	J4I3222 / Fed: I 70-1 (21)	MoDOT: I-70	Jackson	87,507.58
Clarkson Construction	1964	J4I3189 / Fed: I-435-1 (3)	MoDOT: Route I-435	Clay	274,375.83
Clarkson Construction Co	3083	62180497	City of Kansas City: New Single Terminal & Parking at KCI	Platte	95,330.00
Clarkson Construction Co	3084	89008182 / STP 3374(40)	City of Kansas City: Route 45/I-29 Interchange - Phase 2C	Platte	61,300.25
Emery Sapp & Sons	4514	AIP No. 3-20-0062-032	Johnson Co KS Airport: Rehabilitate Taxiway A	Johnson	48,875.00
Fahey Construction	3086	20-2	City of Kansas City: Resurface Designated Streets The Misc Cass / Jackson	Jackson	217,731.40
Fahey Construction	3067	20-3	City of Kansas City: Resurface Designated Streets 63rd Street Cass / Jackson	Jackson	204,278.80
Fahey Construction	4487	R-20-01	UGWYCO: 2020 Street Resurfacing Project	Wyandotte	81,999.00
Fahey Construction	4513	105 N 0688-01 / TA-N088	KDOT: Metropolitan Avenue Bikeway Project	Wyandotte	59,593.00
Gunter Construction	4489	KDOT: 46 TE-0430-01 F	City of Lenexa: Lackman Multi-Purpose Trail	Johnson	7,500.00
HB Construction	4500	City: 3498 / KDOT: KA-5	City of Shawnee: 43rd Street and Clara Road	Johnson	71,952.10
Hall Brothers Inc.	4388	U038-066 KA 5196-01	KDOT: US-38 Milling & Overlay	Nemaha	108,696.00
Hall Brothers Inc.	4518	U081-015 KA-5834-01 / A	KDOT: US81 Milling & HMA Overlay	Cloud	164,174.80
Hamm Inc.	4499	U089-023 KA-5543-01 / A	KDOT: US88 Mill & HMA Overlay	Douglas	90,857.34
Herzog Contracting Corp.	4516	U089-003 KA-5885-01 / A	KDOT: U088	Atchison	111,710.00
Ideker Inc.	1967	J4I3125 & J4I3127 / Fed:	MoDOT: Route I-70 & I-29	Jackson	283,037.56
Ideker Inc.	2201	18-001A-1A	Gould Peterson Municipal Airport Tarkio	Atchison	49,082.05
Ideker Inc.	2208	J4P3213 / Fed: FAF 92-1	MoDOT: Route 92	Clay	98,238.42
Ideker Inc.	3065	62200628	City of Kansas City: KCI Rehabilitate Ottawa Avenue - Phase	Platte	176,200.00
Ideker Inc.	3070	62200525 / FAA AIP	Grar City of Kansas City: Rehabilitate Taxiway C KCI Airport	Platte	261,725.00
KDOT	4509	U081-015 KA-5993-01 / H	KDOT: U081	Cloud	124,411.30
Killough Construction	4508		Linn Valley Lakes: Striping of Dam Road	Linn	4,509.00
Killough Construction	4512	19-1510L	City of Paola: Baptiste Drive Extension	Miami	7,188.00
Killough Construction	4516	2016-18	Route 1055 Improvements: Vinland Road Project	Douglas	5,635.40
Koss Construction	4418	U069-019 KA 1554-03 / N	KDOT: US-89 Grading, Bridge & Surfacing	Crawford	171,953.92
Little Joe's Asphalt Inc.	4503	2020-927	City of Leavenworth: 2020 Pavement Management Program	Leavenworth	91,812.85
Magruder Companies	2209	J4P3248 / Fed: FAF 2-1	(MoDOT: Route 2	Cass	54,270.80
PCI Roads LLC	4501	2020-032	Wyandotte St De Soto KS Bridge F.O-16.7	Johnson	5,290.00
Phillips Hardy Inc.	1955	J4S3218 / Fed: FAS S30	MoDOT: Blue Ridge Boulevard	Jackson	7,426.36
Phillips Hardy, Inc.	2200	MoDOT: 19-011A-1	Trenton Municipal Airport: Pave Taxiways and Grade T-Hang	Grundy	19,965.00
Pyramid Contractors Inc	4464	I036-046 KA 3929-01 / N	KDOT: 199th ST over I-35	Johnson	9,271.97
Pyramid Excavation	2153	70131803 & 70301705	City of Independence: 18th & Scott Sanitary Sewer & Storm	Jackson	2,460.00
Pyramid Excavation	3088	B1000727/1494	City of Kansas City: Buckeye Creek Force Main	Clay / Jackson	23,648.50
Redmeyer Brothers	2183	42232272-C	City of Lee's Summit: 3rd St Improvements Pryor Rd to Murra	Jackson	14,591.50
Reese Construction Co Inc.	4502	I070-021 KA 3954-01 / N	KDOT: BR #112 & #113 Chapman Creek on I70	Dickinson	98,803.00
Shilling Construction	4387		Tuttle Creek Spillway Dam	Riley / Pottawatomie	14,314.00
Shilling Construction	4443	108 KA-5470-01	KDOT: Mill & HMA Overlay K-9 K-99	Pottawatomie / I	270,339.82
Shilling Construction	4510	031 KA-5850-01	KDOT: K67 & U77	Geary	194,519.85
Shilling Construction	4511	K004-108 KA-5871-01	KDOT: K4	Dickinson / Mori	220,338.50
Superior Bowen Asphalt	2210	J4S3328 / Fed: FAS S30	MoDOT: Route 12	Jackson	83,534.22
Superior Bowen Asphalt	3068	20-1	City of Kansas City: Resurface Designated Streets North of th	Clay / Platte	250,795.50
Superior Bowen Asphalt	4430	MR-1898	City of Overland Park: 2020 Street Improvement Project (Ova	Johnson	327,064.66
V.F. Anderson Builders, LLC.	4517	Olathe: 3-C-008-16	KDOT City of Olathe: 159th St & Black Bob Road Improvements	Johnson	30,581.90
West Plains Bridge & Grading	2206	J7I3363 / Fed: I 49-2(407)	MoDOT: I-49	Vernon	32,996.56

5,495,034.02

STATE WAGE RATES

WAGE RATES

General Conditions

Except as provided in subparagraph A., below, this Contract shall be based upon payment by the Contractor and its subcontractors of wage rates not less than the prevailing hourly wage rate for each craft or classification of workman engaged on the work as determined by the Industrial Commission of Missouri on behalf of the Department of Labor and Industrial Relations.

A. Wage Law: Except as provided in this subparagraph, the contractor shall comply with all requirements of the Jackson County Missouri Chapter 19 Prevailing Wage Compliance Program, including the latest amendments there to. Pursuant to Section 1905.2a, the provisions of the prevailing wage law do not apply to the construction of public works for which the engineer's estimate or the awarded contract cost is \$75,000 or less. The "total project cost" is based upon the entire project and not individual jobs within a larger project. The "total project cost" includes the total value of work performed on the project by every person paid by a contractor or subcontractor for that person's work on the project and additionally includes all materials and supplies purchased for the project. The provisions of this paragraph ___ do not apply to any contract that is excluded from the applicability of the Jackson County Missouri Chapter 19 Prevailing Wage Program.

B. Penalty: The Contractor shall forfeit as a penalty to the County, One Hundred Dollars (\$100) for each workman employed, for each calendar day, or portion thereof, that such workman is paid less than the said stipulated rate for any work done under this contract by the Contractor or by any of its subcontractors.

C. Withholding Payment: The County has a duty to withhold and retain from payment, which is due to the Contractor under this contract all sums and amounts due and owing as a result of any violation of said laws. The County reserves the right to withhold payments throughout the duration of any resulting contract if a contractor is found to be delinquent in any aspect relating to compliance with Chapters 6 and 19 of the Jackson County Code. Payments may be held until all said delinquencies have been rectified to the satisfaction of the Compliance Review Office.

D. Required Records: The Contractor and each subcontractor shall keep an accurate record showing the names and occupations of all workmen employed, together with the actual wages paid to each workman. At all reasonable hours, such records shall be open to inspection by the representatives of the Industrial Commission of Missouri and the County. Said records shall be kept for a minimum of one (1) year after the project has been accepted and the Required Affidavit, outlined in subsection G, is received.

E. No Adjustment for Changes In Rates: During the life of this contract, the prevailing hourly rate of wages is subject to change by the Department of Labor and Industrial Relations or by court decision, as provided by law. Any such change shall not be the basis of any claim by the Contractor against the County, nor will deductions be made by the County against sums due to the Contractor by reason of any such change.

F. Exceeding Rates and Hours: The prevailing wage law does not prohibit payment of more than the prevailing rate of wages nor does it limit the hours of work which may be performed by any workman in a particular period of time.

G. Required Affidavit: No final payment for work under this contract will be made by the County until it has received from each contractor and subcontractor an affidavit stating that each has fully complied with the provisions and the requirements of said law.

H. Prevailing Wages: The current prevailing wage rate determination made by the Industrial Commission of Missouri and applicable during the term of this contract is reproduced verbatim herein.

I. Posting: Throughout the life of this contract, a copy of the wage determination and the rules promulgated by the Industrial Commission of Missouri, shall be displayed in a conspicuous place on the project under a heading of NOTICE, with the heading in letters at least one inch high.

J. Contract Work Hours and Safety Standards Act (42 U.S.C. Sect. 329): The Contractor is required to comply with Section 103 of the above Act.

K. Certified Payroll Records: An original copy of certified payroll records shall be emailed weekly to the Compliance Review Office at CRO@jacksongov.org. A copy of certified payroll records indicating applicable invoice number(s) shall also be emailed to the Project Supervisor.

Payroll Records must meet the following minimum requirements:

Workers must be classified according to the State's Occupational Title Rule. Workers listed as Journey Worker for Local Union XX is not acceptable. The specific classification must be named. The specific Group must be named. It is impossible to compare wage rates paid to the proper prevailing wage rate if the Group is not listed.

For all apprentices on each payroll, the apprentice letter must be attached confirming registration in the program, level in the program (i.e. 3rd Level, or 3rd 6-Month Period) and the percentage of the base wage rate the apprentice is to be paid. If the same apprentice is used more than one week, only one letter for each apprentice needs to be submitted the first time the apprentice is shown on the payroll.

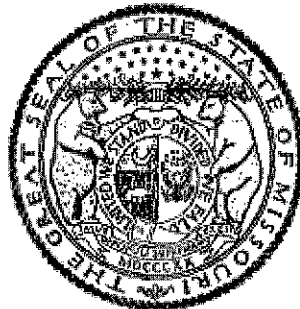
A one-to-one ratio of apprentices to journey workers must be followed. Any apprentice working out of ratio or without a journey worker present must be paid journey worker's level wages.

Fringe benefits must be indicated whether paid in cash or to a fund by checking the box on the certificate page of the payroll form. If fringe benefit contributions are not indicated by an hourly rate on the certificate payroll form, please submit a one-time letter with the next applicable payroll indicating the hourly breakdown of contributions made and to where.

Missouri

Division of Labor Standards

WAGE AND HOUR SECTION



MICHAEL L. PARSON, Governor

Annual Wage Order No. 27

Section 048
JACKSON COUNTY

In accordance with Section 290.262 RSMo 2000, within thirty (30) days after a certified copy of this Annual Wage Order has been filed with the Secretary of State as indicated below, any person who may be affected by this Annual Wage Order may object by filing an objection in triplicate with the Labor and Industrial Relations Commission, P.O. Box 599, Jefferson City, MO 65102-0599. Such objections must set forth in writing the specific grounds of objection. Each objection shall certify that a copy has been furnished to the Division of Labor Standards, P.O. Box 449, Jefferson City, MO 65102-0449 pursuant to 8 CSR 20-5.010(1). A certified copy of the Annual Wage Order has been filed with the Secretary of State of Missouri.

Original Signed by _____
Taylor Burks, Director
Division of Labor Standards

Filed With Secretary of State: _____ March 10, 2020

Last Date Objections May Be Filed: April 9, 2020

Prepared by Missouri Department of Labor and Industrial Relations

Building Construction Rates for
JACKSON County

REPLACEMENT PAGE

Section 048

OCCUPATIONAL TITLE	**Prevailing Hourly Rate
Asbestos Worker	\$63.82
Boilermaker	*\$33.53
Bricklayer	\$36.71
Carpenter	\$57.23
Lather	
Linoleum Layer	
Millwright	
Pile Driver	
Cement Mason	\$51.50
Plasterer	
Communications Technician	\$67.83
Electrician (Inside Wireman)	\$63.56
Electrician Outside Lineman	\$65.49
Lineman Operator	
Lineman - Tree Trimmer	
Groundman	
Groundman - Tree Trimmer	
Elevator Constructor	*\$33.53
Glazier	\$64.70
Ironworker	\$63.98
Laborer	\$45.82
General Laborer	
First Semi-Skilled	
Second Semi-Skilled	
Mason	\$51.48
Marble Mason	
Marble Finisher	
Terrazzo Worker	
Terrazzo Finisher	
Tile Setter	
Tile Finisher	
Operating Engineer	\$57.14
Group I	
Group II	
Group III	
Group III-A	
Group IV	
Group V	
Painter	\$48.72
Plumber	\$69.71
Pipe Fitter	
Roofer	\$53.67
Sheet Metal Worker	\$67.20
Sprinkler Fitter	\$59.86
Truck Driver	\$49.82
Truck Control Service Driver	
Group I	
Group II	
Group III	
Group IV	

*The Division of Labor Standards received less than 1,000 reportable hours for this occupational title. Public works contracting minimum wage is established for this occupational title using data provided by Missouri Economic Research and Information Center.

**The Prevailing Hourly Rate includes any applicable fringe benefit amounts for each occupational title.

Heavy Construction Rates for
JACKSON County

REPLACEMENT PAGE

Section 048

OCCUPATIONAL TITLE	**Prevailing Hourly Rate
Carpenter	\$65.11
Millwright	
Pile Driver	
Electrician (Outside Lineman)	\$65.49
Lineman Operator	
Lineman - Tree Trimmer	
Groundman	
Groundman - Tree Trimmer	
Laborer	\$48.45
General Laborer	
Skilled Laborer	
Operating Engineer	\$63.12
Group I	
Group II	
Group III	
Group IV	
Truck Driver	\$46.50
Truck Control Service Driver	
Group I	
Group II	
Group III	
Group IV	

Use Heavy Construction Rates on Highway and Heavy construction in accordance with the classifications of construction work established in 8 CSR 30-3.040(3).

Use Building Construction Rates on Building construction in accordance with the classifications of construction work established in 8 CSR 30-3.040(2).

If a worker is performing work on a heavy construction project within an occupational title that is not listed on the Heavy Construction Rate Sheet, use the rate for that occupational title as shown on the Building Construction Rate Sheet.

*The Division of Labor Standards received less than 1,000 reportable hours for this occupational title. Public works contracting minimum wage is established for this occupational title using data provided by Missouri Economic Research and Information Center.

**The Prevailing Hourly Rate includes any applicable fringe benefit amounts for each occupational title.

OVERTIME and HOLIDAYS

OVERTIME

For all work performed on a Sunday or a holiday, not less than twice (2x) the prevailing hourly rate of wages for work of a similar character in the locality in which the work is performed or the public works contracting minimum wage, whichever is applicable, shall be paid to all workers employed by or on behalf of any public body engaged in the construction of public works, exclusive of maintenance work.

For all overtime work performed, not less than one and one-half (1½) the prevailing hourly rate of wages for work of a similar character in the locality in which the work is performed or the public works contracting minimum wage, whichever is applicable, shall be paid to all workers employed by or on behalf of any public body engaged in the construction of public works, exclusive of maintenance work or contractual obligation. For purposes of this subdivision, "overtime work" shall include work that exceeds ten hours in one day and work in excess of forty hours in one calendar week; and

A thirty-minute lunch period on each calendar day shall be allowed for each worker on a public works project, provided that such time shall not be considered as time worked.

HOLIDAYS

January First;
The last Monday in May;
July Fourth;
The first Monday in September;
November Eleventh;
The fourth Thursday in November; and
December Twenty-Fifth;

If any holiday falls on a Sunday, the following Monday shall be considered a holiday.



MISSOURI DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS
PREVAILING WAGE
PROJECT NOTIFICATION –
CONTRACTOR INFORMATION

New Update

The information below is requested pursuant to Sections 290.210 through 290.340, RSMo.

1. Date of Notification		2. Annual Wage Order Number Included in Bid Specifications	
3. Popular or Descriptive Name of Project			
4. Estimated Project Cost of Completion (total construction contracts to be awarded) \$			
5. Exact Location of Project		County	City
6. Official Name of Public Body or Agency			
7. Name of Contact Person		8. Phone Number (include area code)	
9. Address			
10. Email Address		Website	
11. Contract Award Date	12. Estimated Date of Project Completion	13. Will There Be Any Federal Funds Used in this Contract? <input type="checkbox"/> Yes <input type="checkbox"/> No	

14. Contractor Information Notification

General Contractor: Name _____
 Address _____
 City _____ State _____ ZIP _____
 Phone Number _____ Email Address _____
 Type of Craftsman Needed by Project _____
 Scope of Work _____

List all Subcontractors: 1. Name _____
 Address _____
 City _____ State _____ ZIP _____
 Phone Number _____ Email Address _____
 Type of Craftsmen Needed by Project _____
 Scope of Work _____

2. Name _____
 Address _____
 City _____ State _____ ZIP _____
 Phone Number _____ Email Address _____
 Type of Craftsmen Needed by Project _____
 Scope of Work _____

3. Name _____
 Address _____
 City _____ State _____ ZIP _____
 Phone Number _____ Email Address _____
 Type of Craftsmen Needed by Project _____
 Scope of Work _____

**2021 ROAD PROGRAM
PAVEMENT MARKING**

**COUNTY PROJECT 3251
COUNTY BID NO. PW 04-2021**

(Subcontractors continued)

4. Name _____
Address _____
City _____ State _____ ZIP _____
Phone Number _____ Email Address _____
Type of Craftsmen Needed by Project _____
Scope of Work _____

5. Name _____
Address _____
City _____ State _____ ZIP _____
Phone Number _____ Email Address _____
Type of Craftsmen Needed by Project _____
Scope of Work _____

6. Name _____
Address _____
City _____ State _____ ZIP _____
Phone Number _____ Email Address _____
Type of Craftsmen Needed by Project _____
Scope of Work _____

7. Name _____
Address _____
City _____ State _____ ZIP _____
Phone Number _____ Email Address _____
Type of Craftsmen Needed by Project _____
Scope of Work _____

8. Name _____
Address _____
City _____ State _____ ZIP _____
Phone Number _____ Email Address _____
Type of Craftsmen Needed by Project _____
Scope of Work _____

9. Name _____
Address _____
City _____ State _____ ZIP _____
Phone Number _____ Email Address _____
Type of Craftsmen Needed by Project _____
Scope of Work _____

The state of Missouri requires workers on public works projects be paid the prevailing wage. Public bodies have duties as required under Section 290.210 - 290.340, RSMo.

Mail, Fax, or Email completed form to: **DIVISION OF LABOR STANDARDS**
Attn: Prevailing Wage Section
P.O. Box 449, Jefferson City, MO 65102-0449
Phone: 573-751-3403 Fax: 573-751-3721
Email: prevailingwage@labor.mo.gov
Website: www.labor.mo.gov/DLS

SUBMIT

*Missouri Department of Labor and Industrial Relations is an equal opportunity employer/program.
TDD/TTY: 800-735-2966 Relay Missouri: 711*

PW-2-2 (05-16) AI



MISSOURI DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS
AFFIDAVIT
COMPLIANCE WITH THE PREVAILING WAGE LAW

I, _____, upon being duly sworn upon my oath state that: (1) I am the
(Name)
_____ of _____; (2) all requirements of
(Title) *(Name of Company)*
§§ 290.210 to 290.340, RSMo, pertaining to the payment of wages to workers employed on public works projects
have been fully satisfied with regard to this company's work on _____;
(Name of Project)

(3) I have reviewed and am familiar with the prevailing wage rules 8 CSR 30-3.010 to 8 CSR 30-3.060; (4) based upon my knowledge of these rules, including the occupational titles set out in 8 CSR 30-3.060, I have completed full and accurate records clearly indicating (a) the names, occupations, and crafts of every worker employed by this company in connection with this project together with an accurate record of the number of hours worked by each worker and the actual wages paid for each class or type of work performed, (b) the payroll deductions that have been made for each worker, and (c) the amounts paid to provide fringe benefits, if any, for each worker; (5) the amounts paid to provide fringe benefits, if any, were irrevocably made to a fund, plan, or program on behalf of the workers; (6) these payroll records are kept and have been provided for inspection to the authorized representative of the contracting public body and will be available, as often as may be necessary, to such body and the Missouri Department of Labor and Industrial Relations; (7) such records shall not be destroyed or removed from the state for one year following the completion of this company's work on this project; and (8) there has been no exception to the full and complete compliance with the provisions and requirements of General Wage Order No. _____ issued by the Missouri Division of Labor Standards and applicable to this MoDOT project located in _____ County, Missouri, and completed on the _____ day of _____, 20_____.

The matters stated herein are true to the best of my information, knowledge, and belief. I acknowledge that the falsification of any information set out above may subject me to criminal prosecution pursuant to §§290.340, 570.090, 575.040, 575.050, or 575.060, RSMo.

Signature

Subscribed and sworn to me this _____ day of _____, _____.

My commission expires _____, _____.

Notary Public

Receipt by Authorized Public Representative

Missouri Department of Labor and Industrial Relations is an equal opportunity employer/program.

PW-4-MODOT (03-16) AI

SALES TAX EXEMPTION

Jackson County, Missouri is an exempt entity under Section 144.062, RSMo, and the purchase of tangible personal property and materials to be incorporated into or consumed in the construction of this project, can be made on a tax-exempt basis as provided in that statute. Jackson County will issue an exemption certificate to the contractor along with the contract. Sales tax paid due to the contractor's or any subcontractor's failure to take advantage of the county's tax exempt status will not be included in the contractor's invoice to the Owner.

Page 44 is the current exemption from the State of Missouri, issued to Jackson County and is included for information only.

Page 45 is the "Missouri Project Exception Certificate" (Form 5060) that will be issued to the contractor and subcontractors working on the same project after the contract has been awarded.

State of Missouri

EXEMPTION FROM MISSOURI SALES AND USE TAX ON PURCHASES

ISSUED TO:

MISSOURI TAX I.D.
NUMBER: 13643347

COUNTY OF JACKSON
415 E 12TH ST RM G-1
KANSAS CITY, MO 64106-2706

EFFECTIVE DATE: 07/11/2002
EXPIRATION DATE: Non-Expiring

YOUR APPLICATION FOR SALES/USE TAX EXEMPT STATUS HAS BEEN APPROVED PURSUANT TO CHAPTER 144.303.1, RSMo. THIS LETTER IS ISSUED AS DOCUMENTATION OF YOUR EXEMPT STATUS.

PURCHASES BY YOUR AGENCY ARE NOT SUBJECT TO SALES OR USE TAX IF WITHIN THE CONDUCT OF YOUR AGENCY'S EXEMPT FUNCTIONS & ACTIVITIES. WHEN PURCHASING WITH THIS EXEMPTION, FURNISH ALL SELLERS OR VENDORS A COPY OF THIS LETTER. THIS EXEMPTION MAY NOT BE USED BY INDIVIDUALS MAKING PERSONAL PURCHASES.

A CONTRACTOR MAY PURCHASE AND PAY FOR CONSTRUCTION MATERIALS EXEMPT FROM SALES TAX WHEN FURFILLING A CONTRACT WITH YOUR AGENCY ONLY IF YOU AGENCY ISSUES A PROJECT EXEMPTION CERTIFICATE AND THE CONTRACTOR MAKES PURCHASES IN COMPLIANCE WITH THE PROVISIONS OF SECTION 144.062, RSMo.

SALES BY YOUR AGENCY ARE SUBJECT TO ALL APPLICABLE STATE AND LOCAL SALES TAXES. IF YOU ENGAGE IN THE BUSINESS OF SELLING TANGIBLE PERSONAL PROPERTY OR TAXABLE SERVICES AT RETAIL, YOU MUST OBTAIN A MISSOURI RETAIL SALES LICENSE AND COLLECT AND REMIT SALES TAX.

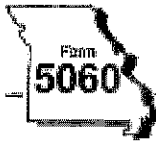
A CONTRACTOR MAY PURCHASE AND PAY FOR CONSTRUCTION MATERIALS EXEMPT FROM SALES TAX WHEN FULFILLING A CONTRACT WITH YOUR GOVERNMENTAL AGENCY ONLY IF YOUR GOVERNMENTAL AGENCY ISSUES A PROJECT EXEMPTION CERTIFICATE AND THE CONTRACTOR MAKES PURCHASES IN COMPLIANCE WITH THE PROVISION OF SECTION 144.062, RSMO.

THIS IS A CONTINUING EXEMPTION SUBJECT TO LEGISLATIVE CHANGES AND REVIEW BY THE DIRECTOR OF REVENUE. IF IT IS DETERMINED THAT YOUR AGENCY CEASES TO QUALIFY AS AN EXEMPT ENTITY, THIS EXEMPTION WILL CEASE TO BE VALID. THIS EXEMPTION IS NOT ASSIGNABLE OR TRANSFERRABLE. IT IS AN EXEMPTION FROM SALES AND USE TAXES ONLY AND IS NOT AN EXEMPTION FROM REAL OR PERSONAL PROPERTY TAX.

ANY ALTERATION TO THIS EXEMPTION LETTER RENDERS IT INVALID.

IF YOU HAVE ANY QUESTIONS REGARDING THE USE OF THIS LETTER, PLEASE CONTACT THE SALES/USE TAX SECTION, MISSOURI DEPARTMENT OF REVENUE, P.O. BOX 3300, EFFERSON CITY, MO 65105-0840, PHONE 573-751-2836.

Reset Form Print Form



Missouri Department of Revenue
Project Exemption Certificate

This form is to be completed and given to your contractor.

Exempt Entity and Project Information	Name of Exempt Entity Issuing the Certificate		Missouri Tax Exemption Number			
	Jackson County, Missouri		1 3 6 4 3 3 4 7			
	Address		City	State	ZIP Code	
	415 East 12th Street, Room G-1		Kansas City	MO	64106	
	E-mail Address					
	ejohnson@jacksongov.org					
	Project Number	Project Begin Date (MM/DD/YYYY)	Estimated Project End Date (MM/DD/YYYY)			
	3251	05/01/2021	12/31/2021			
	Description of Project					
	The Work includes the placement of pavement markings on various roadways within the County. County Project No. 3251 (PW 04-2021)					
Project Location		Certificate Expiration Date (MM/DD/YYYY)				
Various locations within the County.		12/31/2021				
Provide a signed copy of this certificate, along with a copy of the exempt entity's Missouri Sales and Use Tax Exemption Letter to each contractor or subcontractor who will be purchasing tangible personal property for use in this project. It is the responsibility of the exempt entity to ensure the validity of the information on the certificate. The exempt entity must issue a new certificate if any of the information changes.						
Signature of Authorized Exempt Entity		Printed Name of Authorized Exempt Entity	Date (MM/DD/YYYY)			
		Rae Johnson, PE / Construction Manager				

Contractor	The Missouri exempt entity named above hereby authorizes the purchase, without sales tax, of tangible personal property to be incorporated or consumed in the construction project identified herein and no other, pursuant to Section 144.062, RSMo. Under penalties of perjury, I declare that the above information and any attached supplement is true, complete, and correct.					
	Name of Purchasing Contractor		Signature of Contractor		Date (MM/DD/YYYY)	
Address		City	State	ZIP Code		

Subcontractor	Contractors - Present this to your supplier in order to purchase the necessary materials tax exempt. Complete the Subcontractor portion if extending the certificate to your subcontractor. The contractor must sign the form in the space provided below.					
	Name of Purchasing Subcontractor					
	Address		City	State	ZIP Code	
Signature of Contractor		Contractor's Printed Name		Date (MM/DD/YYYY)		

Form 5060 (Revised 08-2015)

Taxation Division Phone: (573) 751-2836
 P.O. Box 358 Fax: (573) 529-1271
 Jefferson City, MO 65105-0358 E-mail: salestaxexemptions@dor.mo.gov

Visit <http://dor.mo.gov/business/sales/sales-use-exemptions.php> for additional information.



THIS SHEET LEFT BLANK INTENTIONALLY.

CONTRACT FORMS

CONTRACT AGREEMENT

THIS AGREEMENT, is made and entered into by and between, Jackson County, Missouri, Party of the First Part and hereinafter called the Owner, and
TWIN TRAFFIC MARKING CORPORATION

a KANSAS Party of the Second Part and hereinafter called the Contractor,

WITNESSETH

THAT WHEREAS, in accordance with law, the Owner has caused contract documents to be prepared and an Advertisement calling for bids to be published for and in connection with Jackson County Project: *2021 Pavement Maintenance Program – Pavement Marking, County Project #324* and

WHEREAS, the Contractor, in response to the Advertisement, has submitted to the Owner, in the manner and at the time specified, a sealed proposal in accordance with the terms of the Advertisement, and

WHEREAS, the Owner, in the manner prescribed by law, has opened, examined, and canvassed the Proposal submitted, and has determined the aforesaid Contractor to be the lowest and best bidder for the work and has duly awarded to the said Contractor, a contract therefor, for the sum or sums named in the Contractor's Proposal, a copy thereof being attached to and made a part of this contract.

NOW THEREFORE, in consideration of the compensation to be paid to the Contractor and of the mutual agreements herein contained, the parties to these presents have agreed and hereby agree, the Owner for itself and its successors, and the Contractor for itself, himself, or themselves, and its, his, or their successors and assigns, and its, his, or their executors and administrators, as follows:

ARTICLE I. That the Contractor shall: (a) furnish all tools, equipment, supplies, superintendence, transportation, and other construction accessories, services, and facilities; (b) furnish all materials, supplies, and equipment specified and required to be incorporated in and form a permanent part of the completed work; (c) provide and perform all necessary labor; and (d) in a good, substantial, and workmanlike manner and in accordance with the requirements, stipulations, provisions, and conditions of the contract documents as defined in the attached General Conditions, Special Conditions, and Technical Specifications, said documents forming the contract and being as fully a part thereof as if repeated verbatim herein, perform, execute, construct and complete all work included in and covered by the Owner's official award of this contract to the said Contractor, such award being based on the acceptance of the Owner of the Contractor's Proposal.

ARTICLE II. That the Owner shall pay to the Contractor for the performance of the work embraced in this contract, and the Contractor will accept as full compensation therefore, the sum (subject to adjustment as provided by the contract) of

One Hundred Seven Thousand, Eight Hundred Forty Seven Dollars and 00 Cents

(\$ 107,847.00)

for all work covered by and included in the contract award and designated in the foregoing Article I; payment thereof to be made in cash or its equivalent, in the manner provided in the General Conditions.

ARTICLE III. That the Contractor shall start work within ten (10) days following the date stipulated in a written order from the Owner to proceed with the work to be performed hereunder, and that the Contractor shall complete the work within the number of days, after the authorized starting date, stipulated in the attached Proposal.


ARTICLE IV. That the Contractor expressly warrants that he has employed no third person to solicit or obtain this contract in his behalf, or to cause or produce the same to be obtained upon compensation in any way contingent, in whole or in part, upon such procurement; and that he has not paid, or promised or agreed to pay, to any third person, in consideration of such procurement, or in compensation for services in connection therewith any brokerage, commission, or percentage upon the amount receivable by him here-under; and that he has not, in estimating the contract price demanded by him, included any sum by reason of any such brokerage, commission, or percentage, and that all monies payable to him hereunder are free from obligation of any other person for services rendered, or supposed to have been rendered, in the procurement of this contract. He further agrees that any breach of this warranty shall constitute adequate cause for the annulment of this contract by the Owner and that the Owner may retain to its own use from any sums due or to become due hereunder an amount equal to any brokerage, commission, or percentage so paid, or agreed to be paid.

The Owner agrees to pay the Contractor in the manner and in the amount provided in the said specifications and proposal.

CONTRACT AGREEMENT (continued)

IN WITNESS WHEREOF, Jackson County, Missouri has caused by Resolution No. 20680
of May 24, 2021, these presents to be executed in its behalf by its duly authorized
agent, and the said Party of the Second Part (Contractor) has hereunto set its hand and seal.

Recommended by:



Brian D. Gaddie, P.E.
Director of Public Works

6.14.21

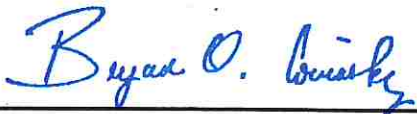
Date



Frank White, Jr.
County Executive

Date

Approved to form this _____ day of _____, 2021.



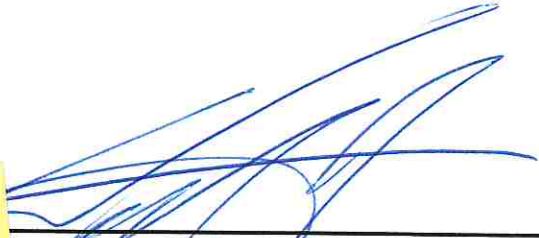
County Counselor



Attest: 

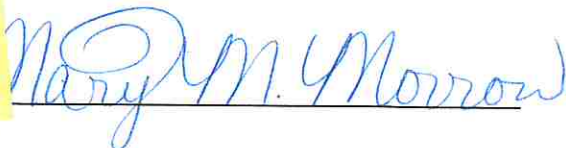
Clerk of the Legislature

Contractor
Seal (if applicable)



Second Party (Contractor)

**NO DATE
PLEASE**



Mary M. Morrow

PERFORMANCE BOND



Project Number 3251

Project Title 2021 Pavement Maintenance Program - Pavement Marking

KNOW ALL MEN BY THESE PRESENTS: That

Turn Traffic Marking Corporation, as PRINCIPAL (CONTRACTOR), and Great American Insurance Company, (SURETY), licensed to do business as such in the State of Missouri, hereby bind themselves and their respective heirs, executors, administrators, successors, and assigns unto Jackson County, Missouri, a constitutionally home rule chartered governmental organization, (OWNER), as obligee, in the penal sum

of One Hundred Seven Thousand, Eight Hundred Forty Seven Dollars and 00 Cents

(\$ 107,847.00) for the payment whereof CONTRACTOR and SURETY bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS,

CONTRACTOR has entered a Contract with OWNER

for 2021 Pavement Maintenance Program - Pavement Marking which Contract, including any present or future amendment thereto, is incorporated herein by reference and is hereinafter referred to as the Contract.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that, if CONTRACTOR shall promptly and faithfully perform said Contract including all duly authorized changes thereto, according to all the terms thereof, including those under which CONTRACTOR agrees to pay legally required wage rates including the prevailing hourly rate of wages in the locality, as determined by the Department of Labor and Industrial Relations or by final judicial determination, for each craft or type of workman required to execute the Contract and, further, shall defend, indemnify, and hold harmless OWNER from all damages, including but not limited to liquidated damages, loss and expense occasioned by any failure whatsoever of said CONTRACTOR and SURETY to fully comply with and carry out each and every requirement of the Contract, then this obligation shall be void; otherwise, it shall remain in full force and effect.

WAIVER. That SURETY, for value received, hereby expressly agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the Work to be performed thereunder, shall in any way affect the obligations of this Bond; and it does hereby waive notice of any such change, extension of time, or alteration or addition to the terms of the Contract or the Work to be performed thereunder.

**NO DATE
PLEASE**

The above parties have executed this instrument the ____ day of
2021.

CONTRACTOR

Name, address and facsimile number of Contractor

Twin Traffic Marking Corporation
626 N. 47th Street
Kansas City, KS 66102
913-428-2590

I hereby certify that I have authority to execute
this document on behalf of Contractor.

By: 
Title: _____

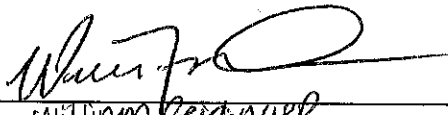
(Attach corporate seal if applicable)

SURETY

Name, address and facsimile number of Surety:

Great American Insurance Company
301 E. Fourth Street
Cincinnati, OH 45202
513-369-3873

I hereby certify that (1) I have authority to execute this document on behalf of Surety; (2) Surety has an A.M. Best rating of A- or better; (3) Surety is named in the current list of "Companies Holding Certificates of Authority as Acceptable Reinsuring Companies: as published in Circular 570 (most current revision) by the Financial Management Service, Surety Bond Branch, U.S. Department of the Treasury; and (4) Surety is duly licensed to issue bonds in the State of Missouri and in the jurisdiction in which the Project is located.

By: 
Title: Attorney-in-fact
Date: June 7, 2021

(Attach seal and Power of Attorney)



MAINTENANCE BOND

Project Number: _____

Project Title: 2021 Pavement Maintenance Program -
Pavement Marking

KNOW ALL MEN BY THESE PRESENTS, that we,

Twin Traffic Marking Corporation
Legal Name of Contracting Firm

of 6216 N. 47th Street, Kansas City, KS 66102
City and State

hereinafter referred to as "Contractor," and

Great American Insurance Company
Name of Surety

a corporation organized under the laws of the State of OH,
and authorized to transact business in the State of Missouri, as "Surety," are held and firmly bound unto
the **County of Jackson, Missouri**, hereinafter referred to as "Owner," in the penal sum of

One Hundred Seven Thousand Eight Hundred Forty-Seven & 00/100 Dollars (\$ 107,847.00)
for the payment of which sum, well and truly to be made to the Owner, we bind ourselves and our heirs,
executors, administrators, successors, and assigns, jointly and severally, by these presents.

WHEREAS, on the _____ day of _____, _____, the Contractor
entered into a written contract with the Owner for the conditions of this obligation are such that if, during
a maintenance period of one (1) year from the date of acceptance of the contracted work, the Principal
upon receiving written notice of a need for repairs which are directly attributable to defective materials or
workmanship, shall diligently take the necessary steps to correct said defects within seven (7) days from
the date of said notice, then this obligation shall be null and void; otherwise it shall remain in full force
and effect.

As part of this obligation secured hereby and in addition to the face amount specified therefore, there
shall be included costs and reasonable expenses and fees, including reasonable attorney's fees, incurred
by the Owner in successfully enforcing such obligation, all to be taxed as costs and included in any
judgment rendered.

The Surety hereby stipulates and agrees that no change, extension of time, alteration or addition to the
terms of this agreement or to the work to be performed there under or the specifications accompanying
the same shall in anywise affect its obligations on this bond, and it does hereby waive notice of any such
change, extension of time, alteration or addition to the terms of the agreement or to the work or to the
specifications.

IN TESTIMONY WHEREOF, the Contractor has hereunto set his hand, and the Surety has caused these presents to be executed in its name and its corporate seal, to be affixed by its attorney-in-fact at

on the _____ day of _____, _____.

Twin Traffic Marking Corporation (SEAL)
Contractor

By: _____

Great American Insurance Company
Surety Company

By: [Signature]
Attorney-in-Fact WILLIAM REIDINGER

By: [Signature]
Missouri Agent William Reindinger

(Accompany this bond with attorney-in-fact's authority from the Surety Company certified to include the date of the bond.)

REVENUE CERTIFICATE

I hereby certify that there is a balance otherwise unencumbered to the credit of the appropriation to which this contract is chargeable, and a cash balance otherwise unencumbered in the treasury from which payment is to be made, each sufficient to meet the obligation of \$ 107,847.00, which is hereby authorized.

6-24-2021



Director - Manager, Division of Finance

ACCOUNT NUMBER(S) TO BE CHARGED:

Department	Account Number	Amount
1506	004-1506-58040	\$ 107,847

FMS CONTRACT NUMBER ASSIGNED TO THIS CONTRACT: PC 150621005 000
ML

NOTICE TO CONTRACTORS

Under the laws of the State of Missouri, any changes made in this contract must be made in writing, approved of record by the County Legislature, Certified by the Manager, Division of Finance, and all made a matter of record before the County is liable therefore.

Manager, Division of Finance
Jackson County, Missouri

GENERAL CONDITIONS

GC-1 SCOPE

The contract stipulations which follow are general in scope and may refer to conditions which will not be encountered in the performance of the work included in this contract, and which are not applicable thereto. Any requirement, provision, or other stipulation of these general conditions which pertains to a nonexistent condition, and is not applicable to the work to be performed hereunder, shall have no meaning in the contract.

GC-2 CONTRACT DOCUMENTS

It is understood and agreed that the advertisement, instruction to bidders, proposal, bond form(s), contract agreement, special conditions, general conditions, specifications, plans, addenda thereto, and duly authorized change orders, together with any and all supplementary drawings furnished by the Engineer-Architect as and when required to make clear, and to define in greater detail, the intent of the contract plans and specifications, other drawings, specifications, and engineering data furnished by the Contractor (when and as approved by the Owner or Engineer-Architect), and instructions furnished by the manufacturers of equipment for the installation thereof are each and all included in this contract, and the work shall be done in full compliance and accord therewith.

GC-3 DEFINITIONS

Any word, phrase, or other expression defined in this paragraph GC-3 and used in these contract documents shall have the meaning herein given:

- a. "Contract" or "contract documents" shall include all of the documents and drawings enumerated above in paragraph GC-2.
- b. "Owner" shall mean the corporation (municipal or otherwise), board, district, or other political subdivision, company, or firm, who is named and designated as the "Party of the First Part" in the contract agreement hereto attached and for whom the work covered by this contract is to be performed, acting through its duly authorized officers or agents."
- c. "Contractor" shall mean the corporation, company, partnership, firm, or individual, named and designated in the contract agreement as the "Party of the Second Part" and who has entered into this contract for the performance of the work covered thereby, and its, his, or their duly authorized agents and other legal representatives.
- d. "Engineer-Architect" or "A-E" shall mean the Director of the Jackson County Public Works Department, or his authorized agent.
- e. "Inspector" shall mean the engineering, architectural or technical inspector or inspectors duly authorized by the Owner or Engineer-Architect, limited in each case to the particular duties entrusted to him or them.
- f. "Date of Contract" or words equivalent thereto shall mean the date written in the first paragraph of the contract agreement.
- g. "Day" or "days" unless herein otherwise expressly defined shall mean a calendar day or days of 24-hours each.
- h. "The work" shall mean the work to be done and the equipment, supplies, and materials to be furnished under this contract, unless some other meaning is indicated by the context.
- i. "Plans" or "the plans" or "the contract plans" shall mean and include all:

- (1) Drawings caused by the Owner to be prepared as a basis for proposals.
 - (2) All drawings submitted by the successful bidder with his proposal and by the Contractor to the Owner, when and as approved by the Engineer-Architect and
 - (3) All drawings submitted by the Owner or Engineer-Architect to the Contractor during the progress of the work as provided for herein.
- j. Whenever in these contract documents the words "as ordered," "as directed," "as required," "as permitted," "as allowed," or words or phrases of like import are used, it shall be understood that the order, direction, requirement, permission or allowance of the Owner and Engineer-Architect is intended.
- k. Similarly, the words "approved," "reasonable," "suitable," "acceptable," "properly," "satisfactory," or words of like effect and import, unless otherwise particularly specified herein, shall mean approved, reasonable, suitable, acceptable, proper, or satisfactory in the judgment of the Owner and Engineer-Architect.

Whenever any statement is made in the contract documents concerning the expression "it is understood and agreed," or an expression of like import, such expression means the mutual understanding agreement of the parties executing the contract agreement of which these general conditions are a part.

GC-4 VERBAL STATEMENTS NOT BINDING

It is understood and agreed that the written terms and provisions of this agreement shall supersede all prior verbal statements of any and every official and/or other representative of the Owner, and such statements shall not be effective or be construed as entering into, or forming a part of, or altering in any way whatsoever, the written agreement.

GC-5 TITLES AND SUBHEADINGS

The titles or subheadings used in this contract and on the contract plans and drawings and in the specifications, are understood to be for convenience of reference only, and shall not be taken or considered as being a part thereof, or as having any bearing on the interpretation thereof.

GC-6 COPIES OF CONTRACT

Five (5) copies of the Contractor's proposal as submitted, bond form(s), a statutory bond where required, and the contract agreement shall be prepared. Five of these copies, each containing the bond (or bonds) properly executed and the contract agreement signed by the Contractor, shall be submitted to and signed by the Owner; two of the copies so signed shall be delivered to the Contractor—one for his surety company and one to the Engineer-Architect. Two copies shall remain with the Owner.

GC-7 SCOPE, NATURE, AND INTENT OF SPECIFICATIONS AND PLANS

The said specifications and plans are intended to supplement, but not necessarily duplicate each other, and together constitute one complete set of specifications and plans, so that any work exhibited in the one and not in the other, shall be executed just as if it had been set forth in both, in order that the work shall be completed according to the complete design or designs as decided and determined by the Engineer-Architect. Should anything be omitted from the specifications and plans which is necessary to clear understanding of the work, or should it appear various instructions are in conflict, then the Contractor shall secure written instructions from the Engineer-Architect before proceeding with the construction affected by such omissions or discrepancies. It is understood and agreed that the work shall be performed and completed according to the true spirit, meaning, and intent of the contract, specifications and plans. The Contractor's responsibility for construction covered by conflicting requirements, not provided for by addendum prior to the time of opening bids for the work represented thereby, shall not extend beyond the construction in conformity with the cheaper of the said conflicting requirements. Any increase in cost of work required to be done in excess of the cheaper of the conflicting requirements will be paid for as extra work as provided for herein.

GC-8 FIGURED DIMENSIONS TO GOVERN

Dimensions and elevations shown on the plans shall be accurately followed, even though they differ from scaled measurements. No work shown on the plans, the dimensions of which are not indicated, shall be executed until the required dimensions have been obtained from the Engineer Architect.

GC-9 CONTRACTOR TO CHECK PLANS AND SCHEDULES

The Contractor shall check all dimensions, elevations, and quantities shown on the plans, and schedules given to him by the Engineer-Architect and shall notify the Engineer-Architect of any discrepancy between the plans and the conditions on the ground, or any error or omission in plans, or in the layout as given by stakes, points, or instructions, which he may discover in the course of the work. The Contractor will not be allowed to take advantage of any error or omission in the plans or contract documents, as full instructions will be furnished by the Engineer-Architect should such error or omission be discovered, and the Contractor shall carry out such instructions as if originally specified.

GC-10 DRAWINGS TO BE FURNISHED BY CONTRACTOR

The Contractor shall check and verify all field measurements and shall furnish/ all shop, fabrication, assembly, and other drawings required by the specifications; drawings of equipment and devices, offered by the Contractor for approval of the Engineer-Architect, in sufficient detail to adequately show the construction and operation thereof; drawings showing essential details of any changes in design of construction proposed, for consideration of the Owner, by the Contractor in lieu of the design or arrangement required by the contract or any item of extra work thereunder; and all required special wiring and piping layouts. Not less than three (3) preliminary copies of each such drawing shall be submitted to the Engineer-Architect for his check and approval, together with the same number of copies of each drawing required by the Engineer-Architect to be revised. On final approval, the Engineer-Architect shall be furnished with a total of not less than two (2) copies, and more when required, of each drawing as finally approved; such number to include any copies of preliminary or revised drawings which are approved as submitted. After due approval by the Engineer-Architect, all such drawings shall become a part of the contract documents and the work or equipment shown thereby shall be in conformity therewith unless required by the Owner. No work shall be performed in connection with the fabrication or manufacture of material or equipment shown by any drawing thereof, nor shall any accessory, appurtenance, or device not fabricated or manufactured by the Contractor or his subcontractor, be purchased until the drawing or drawings therefor have been approved as stipulated, except at the Contractor's own risk and responsibility. The Engineer-Architect's check and approval of drawings submitted by the Contractor will be for, and will cover, only general conformity to the plans and specifications and will not constitute a blanket approval of all dimensions, quantities, and details of the material or equipment shown nor shall such approval relieve the Contractor of his responsibility for errors contained in such drawings.

GC-11 APPROVED EQUAL

If the Contractor desires to substitute materials, appliances, equipment, etc., specified in the specifications, the Contractor shall request, in writing, an approval from the Engineer-Architect. Said materials; appliances, equipment, etc. can only be used as approved equal after receipt from the Engineer-Architect of written approval thereof. If the Engineer-Architect is not familiar with the products for which the Contractor desires approval as an equal, he will reserve the right to have the products submitted to an independent testing laboratory of his choosing, to determine if the substitute product is an equal. The costs of such tests shall be borne by the Contractor or the parties offering the product as an approved equal.

GC-12 OWNERSHIP OF DRAWINGS

All drawings, specifications and copies thereof furnished by the Engineer-Architect are his property. They are not to be used on other work, and, with the exception of the signed contract set, are to be returned to him on request, at the completion of the work.

GC-13 SAMPLES

The Contractor shall furnish for approval, with such promptness as to cause no delay in his own work or in that of any other Contractor, all samples as directed by the Engineer/Architect. The Engineer-Architect shall check and approve such samples, with reasonable promptness, only for conformance with the design concept of the project and for compliance with the information given in the contract documents. The work shall be in accordance with approved samples.

GC-14 CONTRACTOR TO FURNISH STAKES AND HELP

When the documents or specifications require that the Engineer-Architect perform staking, the Contractor shall furnish without charge, competent men from his force and such tools, stakes, and other materials as the Engineer-Architect may require for the proper staking out of the work, and in making measurements and surveys, and in establishing temporary or permanent reference marks in connection with said work the Contractor shall perform all work necessary to locate all construction on the site for building projects. A registered land surveyor employed by the Contractor shall locate the building corners.

GC-15 LINES AND GRADES

All work done under this contract shall be done to the lines, grades, and elevations shown on the plans. The Contractor shall keep the Engineer-Architect informed, a reasonable time in advance, of the times and places at which he wishes to do work, in order that lines and grades may be furnished and necessary measurements for record and payment may be made with the minimum of inconvenience to the Engineer-Architect and of delay to the Contractor. This paragraph applies to projects for which the Engineer-Architect is to make staking surveys and payment is on a unit price basis.

GC-16 WORK DONE WITHOUT LINES OR GRADES

Any work done without being properly located and established by base lines, offset stakes, benchmarks, or other basic reference points located, established, or checked by the Engineer-Architect, may be ordered removed and replaced at the Contractor's cost and expense.

GC-17 PRESERVATION OF MONUMENTS AND STAKES

The Contractor shall carefully preserve all monuments, bench marks, reference points, and stakes, and in case of willful or careless destruction of the same will be charged with the resulting expense of replacement. The Contractor shall have no claim for damages or extension of time due to such destruction. In case of any permanent monuments, bench marks, section corner and quarter-section corner monuments which must be removed or disturbed during construction, the Contractor shall carefully protect and preserve the same until he has properly referenced for relocation and replacement. The Contractor shall furnish at his own expenses a duly qualified and licensed (Missouri) land surveyor to reference and reestablish, after completion of construction, with permanent markers as is normally used in these locations. The Contractor shall also furnish a certificate sealed by the land surveyor with a statement that the monument recovered was reset in the same location prior to final acceptance of the project by the Owner.

GC-18 LEGAL ADDRESS OF CONTRACTOR

Both the business address of the Contractor given in the bid or proposal upon which this contract is founded, and the Contractor's office in the vicinity of the work, are hereby designated as the places to which all notices, letters, and other communications to the Contractor may be mailed or delivered. The delivering at either of the above named addresses, or depositing in any mail box regularly maintained by the post office of any notice, letter, or other communication to the Contractor, shall be deemed sufficient service thereof upon the Contractor, and the date of said service shall be the date of such delivery or mailing. Such addresses may be changed at any time by an instrument in writing, executed by the Contractor and presented and delivered to the Engineer-Architect and to the Owner. Nothing herein contained shall be deemed to preclude or render inoperative the service of any notice, letter, or communication upon the Contractor personally.

GC-19 CONTRACTOR'S OFFICE AT SITE OF WORK

During the performance of this contract, the Contractor shall maintain a suitable office at or near the site of the work which shall be the headquarters of a representative authorized to receive drawings, instructions, or other communications or articles from the Owner or the Owner's agents; and any such communications given to the said representative, or delivered at the Contractor's office at the site of the work in his absence, shall be deemed to have been given to the Contractor.

GC-20 RESPONSIBILITY OF CONTRACTOR

The Contractor shall furnish all transportation, tools, equipment, machinery, and plant, and all suitable appliances, requisite for the execution of this contract and shall be solely answerable for the same and for the safe, proper, and lawful construction, maintenance, and use thereof. He shall cover and protect his work from damage, and all injury to the same (before the completion and acceptance of this contract) shall be made good by him. The Contractor shall be solely answerable for all damage to the Owner or the property of the Owner, to other contractors or other employees of the Owner, to the neighboring premises, or to any private or personal property, due to improper, illegal, or negligent conduct of himself or his subcontractors, employees, or agents in and about said work, or in the execution of the work covered by this contract, or any extra work undertaken as herein provided, or to any defect in, or the improper use of, any scaffolding, shoring, apparatus, ways, works, machinery, or plant.

GC-21 PATENTS

It is mutually agreed by and between the parties to this contract that all royalties and fees for and in connection with patents or patent infringement claims for materials, articles, apparatus, devices or equipment (as distinguished from processes) used in or furnished for the work, shall be included in the contract amount and the Contractor shall satisfy all demands that may be made at any time for such, and he shall be liable for any damage or claims for patent infringements. The Contractor shall at his own cost and expense defend any and all suits or proceeding that may be instituted at any time against the Owner for infringement or alleged infringement of any such patents involved in the work, and, in case of an award of damages, the said Contractor shall pay such award. Final payment to the Contractor by the Owner will not be made while any such suit or claim remains unsettled. The Contractor, however, shall not be liable for the defense of any suit or other proceedings, nor for the payment of any damages or other costs in connection therewith, for the infringement or alleged infringement of any patented process required by the owner in the design of the work to be done under this contract or by the contract specifications therefor.

GC-22 INDEPENDENT CONTRACTOR

The right of general inspection of the Owner shall not make the Contractor an agent of the Owner, and the liability of the Contractor for all damages to persons, firms and corporations, arising from the Contractor's execution of the work, shall not be lessened because of such general supervision, but as to all such persons, firms, and corporations, and the damages, if any, to them or their property, the Contractor herein is an independent Contractor in respect to the work.

GC-23 RELATIONS WITH OTHER CONTRACTORS

The Contractor shall cooperate with all other contractors who may be performing work in behalf of the Owner, and workmen who may be employed by the Owner, on any work in the vicinity of

GC-26 SUGGESTION TO CONTRACTOR ADOPTED AT HIS OWN RISK

Any plan or method of work suggested by the Engineer-Architect, or other representative of the Owner, to the Contractor, but not specified or required, if adopted or followed by the Contractor in whole or in part, shall be used at the risk and responsibility of the Contractor, and the Engineer-Architect and the Owner will assume no responsibility therefor.

GC-27 AUTHORITY AND DUTY OF THE ENGINEER ARCHITECT

It is mutually agreed by and between the parties to this contract, that the Engineer-Architect shall inspect all work included herein. In order to prevent delays and disputes and to discourage litigation, it is further agreed by and between the parties to this contract that the Engineer-Architect shall in all cases determine the amounts and quantities of the several kinds of work which are to be paid for under this contract; that he shall determine all questions in relation to said work and the construction thereof; that he shall in all cases decide every question which may arise relative to the execution of this contract on the part of said contractor; that his decisions and findings shall be the conditions precedent to the right, of the parties hereto, to any action on the contract, and to any rights of the Contractor to receive any money under this contract provided, however, that should the Engineer-Architect render any decision or give any directions which, in the opinion of the Contractor, is not in accordance with the meaning and intent of this contract, the Contractor may file with the Engineer-Architect within thirty (30) days, his written objection to the decision or direction so rendered. It is the intent of this agreement that there shall be no delay in the execution of the work, and the decision or directions of the Engineer-Architect as rendered shall be promptly carried out.

GC-28 INSPECTION

It is agreed by the Contractor that the Owner shall be and is hereby authorized to appoint or employ (either directly or through the Engineer-Architect) such architects, engineers, and inspectors as the Owner may deem proper, to inspect the materials furnished and the work performed under this contract, and to see that the said materials are furnished, and the said work performed, in accordance with the plans and specifications therefore. The Contractor shall furnish all reasonable aid and assistance required by the Engineer-Architect, or by the inspectors, for the proper inspection and examination of the work and all parts thereof. The Contractor shall regard and obey the directions and instructions of the Engineer-Architect, or any inspector so appointed, when the same are consistent with the obligations of this contract and the specifications therefore, provided, however, that should the Contractor object to any order given by any subordinate architect, engineer, or inspector, the contractor may make written appeal to the Engineer-Architect for his decision. Architects, engineers, inspectors and other properly authorized representatives of the Owner or Engineer/Architect shall be free at all times to perform their duties, and intimidation or attempted intimidation of any one of them by the Contractor or by any of his employees shall be sufficient reason, if the Owner so decides, to annul the contract. Such inspection shall not relieve the Contractor from any obligation to perform said work strictly in accordance with the plans and specifications or any modifications thereof as herein provided, and work not so constructed shall be removed and made good by the Contractor at his own expense, and free of all expenses to the Owner, whenever so ordered by the Engineer-Architect, without reference to any previous oversight or error in inspection. The Engineer/Architect does not assume any responsibility for work or action of the Contractor. If work on any project is subject to the approval of the Federal Highway Administration, representatives of the Missouri Highways and Transportation Commission and the Federal Highway Administration shall have access to the project for the purpose of inspecting and reviewing work being performed by any contractor or subcontractor on the project. Contractors

and subcontractors shall maintain books, account, ledgers, invoices, drafts, documents, pages, and other business records pertaining to the performance of this project and shall require that such materials be available at the contractors field or permanent business offices at all reasonable times during the performance of the contract and for three years from date of final FHWA voucher acceptance under the contract, for inspection by authorized representatives of the Commission and/or the Federal Highway Administration.

GC-29 NO WAIVER OF RIGHTS

Neither the inspection by the Owner or any of the owner's officials, employees, or agents, nor any order by the owner for payment of money, nor any payment for, or acceptance of, the whole or any part of the work by the Owner or Engineer-Architect, nor any extension of time, nor any possession taken by the Owner or its employees, shall operate as a waiver of any provision of this contract, or of any power herein reserved to the Owner, or any right to damages herein provided, or shall any waiver of any breach in this contract be held to be a waiver of any other or subsequent breach.

GC-30 SUPERINTENDENCE OF WORK

The Contractor shall provide and maintain, continually on the site of the work during its progress, adequate and competent superintendent of all operations for and in connection with the work being performed under this contract, either personal or by a duly authorized superintendent or other representative. The superintendent or other representative of the Contractor on the work, and who has charge thereof, shall be fully authorized to act for the Contractor and to receive whatever orders as may be given for the proper prosecution of the work, or notices in connection therewith.

GC-31 ORDERS TO CONTRACTOR'S AGENT

Whenever the Contractor is not present on any part of work where it may be desired to give directions, orders may be given by the Engineer-Architect or his representative, to, and shall be received and obeyed by, the superintendent or foreman who may have charge of the particular part of the work in reference to which such orders are given.

GC-32 PROTECTION OF PROPERTY AND PUBLIC LIABILITY

The Contractor shall assume full responsibility for the protection of all public and private property, structures, sewers, and utilities, both above and below ground, along, beneath, above, across, or near the site or sites of the work being performed under this contract, or which are in any manner affected by the prosecution of the work or the transportation of men or materials in connection therewith. Barriers shall be kept placed at all times to protect persons other than those engaged on or about the work from accident, and the Contractor will be held responsible for all accidents to persons or property through any negligence of himself or his employees. The Contractor shall indemnify, defend, and save harmless the Owner against all damages to such property, structures, and utilities, together with all claims for damages for personal injury, including accidental death, arising out of his operations in connection with this contract. All property so damaged shall be repaired or replaced to a condition equal to its condition immediately prior to the time of damage, and to the satisfaction of the owner thereof. The Contractor shall give reasonable notice to the owner or owners of public or private property and utilities when such property is liable to injury or damage through the performance of the work, and shall make all necessary arrangements with such owner or owners relative to the removal and replacement or protection of such property or utilities. All permits and licenses required in

the prosecution of any and all parts of the work shall be obtained and paid for by the Contractor. The Contractor shall satisfactorily shore, support, and protect any and all structures, and all pipes, sewers, drains, conduits, and other facilities, and shall be responsible for any damage resulting thereto. The Contractor shall not be entitled to any damages or extra pay on account of any postponement, interference, or delay caused by any such structures and facilities being on the line of the work, whether they are shown on the plans or not.

GC-33 INSURANCE

The Contractor shall procure and maintain in affect throughout this duration of the contract insurance coverage not less than the types and amounts specified in this section. If the nature of the goods and/or services provided by the contractor is such that they may be excluded from the coverage listed below, an addendum shall be made to the contract requesting the coverage and limits required.

All subcontractors are required to carry the same coverage and limits as the prime contractor. All required Liability policies are to be written on an "occurrence" basis unless an agreement, in writing, has been made with Jackson County.

COMMERCIAL GENERAL LIABILITY

Commercial General Liability Insurance with limits of not less than \$1,000,000 per occurrence and \$2,000,000 Annual Aggregate (both General and Products-Completed Operations). Aggregate shall be on a per project basis where more than one project is to be performed by the contractor under this contract. Policy shall include Severability of Interests coverage applying to Additional Insureds and also include Contractual Liability with no limitation endorsements. Policy shall include \$100,000 limit each occurrence for Damage to Rented Premise, \$1,000,000 limit each occurrence for Personal & Advertising injury liability, \$5,000 Medical Expense (any one person), and Employee Benefits Liability coverage with a \$1,000,000 limit.

COMMERCIAL AUTOMOBILE LIABILITY

Commercial Automobile Liability Insurance with a limit not less than \$1,000,000 Combined Single Limit for Bodily Injury and Property Damage Limit (each accident), covering owned, hired, borrowed, and non-owned vehicles. Coverage shall be provided on a "any auto" basis and be on a Commercial Business Auto form, or acceptable equivalent, and will protect against claims arising out of the operation of motor vehicles in connection with this contract.

WORKERS COMPENSATION AND EMPLOYERS LIABILITY COVERAGE

Contractor shall provide coverage for Workers Compensation and Employers Liability for all claims by employees of the contractor or by anyone for whose acts it may be liable under the statutes of the State of Missouri with limits of:

Workers Compensation Statutory

Employers Liability \$500,000 each accident

\$500,000 Disease – each employee

\$500,000 Disease – Policy Limit

EXCESS/UMBRELLA LIABILITY COVERAGE

Contractor shall provide Excess/Umbrella liability on a n occurrence basis, with \$10,000 Retention, to provide coverage limits over all liability coverage listed above, at a limit not less than \$1,000,000 each occurrence and \$1,000,000 Aggregate.

ADDITIONAL INSURED & CERTIFICATE OF INSURANCE

The Commercial General and Automobile Liability Insurance specified above shall provide Jackson County Missouri and its agencies, officials, officers and employees, while acting within the scope of their authority, will be named as additional insureds for the services performed under this contract.

A Certificate of Insurance shall be filed with the County's Director of Purchasing for review and approval before commencement of work. The Certificate shall contain a provision that the policies may not be cancelled by the insurance carrier without 30 days written notice of cancellation, 10 days for non-payment of premium, to Jackson County. In the case of multi-year, renewable, or extended term on the contract, Contractor must supply the Director with current Certificate(s) on any coverage mentioned above within thirty (30) days prior to the expiration date of coverage. The Director of Purchasing may request copies of the Contractor's insurance policies for verification of coverage.

QUALIFICATIONS INSURANCE CARRIERS

All insurance coverage must be written by companies that have an A.M. Best's rating of "B+ V" or better or Lloyds of London, and are licensed and approved by the State to do business in Missouri.

FAILURE TO MAINTAIN INSURANCE COVERAGE

Regardless of any approval by Jackson County, it is the responsibility of the contractor to maintain the required insurance coverage in force at all times; its failure to do so will not relieve the contractor of any contractual obligation of responsibility. In the event of the Contractor's failure to maintain the required insurance, Jackson County may order work to stop immediately and, upon 10 days written notice and an opportunity to cure, may pursue its remedies for breach of this contract as provided for herein and by law.

GC-34 MODIFICATIONS AND ALTERATIONS

In executing the contract agreement, the Contractor agrees that the Owner shall have the right to make such modifications, changes, and alterations, as the Owner may see fit, in the line, grade, form, arrangements, dimensions, extent, or plan, of the work agreed to be done or any part thereof, or in the materials to be used therein, either before or after the beginning of construction thereof, without affecting the validity of the contract and the performance, payment, and maintenance bond contained therein. Where any modification, change, or alteration increases the quantity of work to be performed and is within the scope of a fair interpretation thereof, such increase shall be paid for according to the quantity of the work actually done, either

at unit prices included in the contract, or, in the absence of such unit prices, as extra work. Modifications and alterations, which reduce the quantity of work to be done, shall not constitute a claim for damages or for anticipated profits on work involved in such reduction. The Engineer-Architect shall determine, on an equitable basis, the amount of:

- a. Credit due the Owner for contract work not performed, as a result of modifications or alterations authorized hereunder, where the value of the omitted work is not fixed by unit prices in the contract.
- b. Allowance to the Contractor for any actual loss incurred in connection with the purchase, delivery, and subsequent disposal of materials and equipment required for use on the work as originally planned but which could not be used in any part of the work as actually built.
- c. Any other adjustment of the contract amount where the method to be used in making such adjustment is not clearly defined in the contract documents. All orders for modifications, changes, or alterations in the work as herein provided shall be in writing, either by the Engineer-Architect under the authority of the Owner or by the Owner directly.

GC-35 EXTRA WORK

The term "extra work" as used in this contract, shall be understood to mean and to include all work that may be required by the Engineer-Architect or Owner to be performed by the Contractor to accomplish any change or alterations in, or addition to, the work shown by the contract plans, or required or reasonably implied by the specifications, which is not covered by the proposal and not otherwise provided under "Modifications and Alterations" herein. It is agreed that the Contractor shall perform all extra work under the direction of the Engineer/Architect, when and as so ordered in writing by the Engineer/Architect or Owner. When such extra work is ordered, it shall be paid for either by a lump sum or by unit prices mutually agreed upon by the Owner and Contractor in writing, or if such agreement cannot be made, on a force account basis, to be compensated in the following manner:

- (1) Labor. For all labor and foreman in direct charge of the specific operations, the Contractor shall receive the rate of wage (or scale) agreed upon in writing before beginning work for each and every hour that said labor and foreman are actually engaged in such work.

The Contractor shall receive the actual costs paid to, or in behalf of, workmen by reason of subsistence and travel allowances, health and welfare benefits, pension fund benefits or other benefits, when such amounts are required by collective bargaining agreement or other employment contract generally applicable to the classes of labor employed on the work.

An amount equal to 20 percent of the sum of the above items will also be paid the Contractor.

- (2) Bond Insurance and Tax. For property damage, liability, and workmen's compensation insurance premiums, unemployment insurance contributions and social security taxes on the force account work, the Contractor shall receive the actual cost, to which cost six percent will be added. The Contractor shall furnish satisfactory evidence of the rates paid for such bond, insurance, and tax.

- (3) **Materials.** For materials accepted by the Engineer/Architect and used, the Contractor shall receive the actual cost of such materials delivered on the work, including transportation charges paid by him (exclusive of machinery rentals as hereinafter set forth), to which cost 15 percent will be added.
- (4) **Equipment.** For any machinery or special equipment (other than small tools) including fuel and lubricants, plus transportation costs, the use of which has been authorized by the Engineer-Architect, the Contractor shall receive the rental rates agreed upon in writing before such work is begun for the actual time that such equipment is in operation on the work, to which rental sum 15 percent will be added.
- (5) **Miscellaneous.** No additional allowance will be made for general superintendent, the use of small tools, or other costs for which no specific allowance is herein provided.
- (6) **Compensation.** The Contractor's representative and the Engineer-Architect shall compare records of the cost of work done as ordered on a force account basis.
- (7) **Statements.** No payment will be made for work performed on a force account basis until the Contractor has furnished the Engineer-Architect with duplicate itemized statements of the cost of such force account work detailed as follows:
 - (a) Name, classification, date, daily hours, total hours rate, and extension for each laborer and foreman.
 - (b) Designation, dates, daily hours, total hours, rental rate, and extension for each unit of machinery and equipment.
 - (c) Quantities of materials, prices, and extensions.
 - (d) Transportation of materials.
 - (e) Cost of property damage, liability and workmen's compensation insurance premiums, unemployment insurance contributions, and social security tax.
 - (f) Statements shall be accompanied and supported by received invoices for all materials used and transportation charges. However, if materials used on the force account work are not specifically purchased for such work but are taken from the Contractor's stock, then in lieu of the invoices the Contractor shall furnish an affidavit certifying that such materials were taken from his stock, that the quantity claimed was actually used, and that the price and transportation claimed represent the actual cost to the Contractor.

The Contractor shall not begin any work for which price payments under classifications are not provided in the contract without first bringing the matter to the attention of the Engineer Architect and no bills or charges for "Extra Work" will be allowed except for that ordered in writing before its execution.

GC-36 PROVISION FOR EMERGENCIES

Whenever, in the opinion of the Engineer-Architect, the Contractor has not taken sufficient precaution for the safety of the public or the protection of the work to be constructed under this

contract, or of adjacent structures or property which may be injured by processes of construction on account of such neglect, and whenever, in the opinion of the Engineer-Architect, an emergency shall arise and immediate action shall be considered necessary in order to protect public or private, personal or property interests, then the Engineer Architect, with or without notice to the Contractor, may provide suitable protection to the said interests by causing such work to be done and material to be furnished and placed as the Engineer Architect may consider necessary and adequate. The cost and expense of such work and materials so furnished shall be borne by the Contractor, and, if the same shall not be paid on presentation of the bills therefore, such costs shall be deducted from any amounts due (or to become due) the Contractor. The performance of such emergency work under the direction of the Engineer-Architect shall in no way relieve the Contractor of responsibility for damages which may occur during or after such precaution has been duly taken by the Engineer-Architect.

GC-37 ASSIGNMENT AND SUBLETTING OF CONTRACT

Except for the furnishing and transportation of materials, the Contractor shall not sublet, sell, transfer, assign, or otherwise dispose of any portion of his contract to any individual firm or corporation without written consent of the Owner. This consent of the Owner, will not be given unless, and until, the Contractor has submitted satisfactory evidence that the proposed subcontractor is qualified to execute the work and has an Affirmative Action Plan acceptable to the County, together with a complete copy of the subcontract if so requested by the Engineer. The subcontract shall bind the subcontractor to comply with all requirements of this contract, for example, wage rates, equal employment opportunity regulations, submittal of payrolls, etc. Assignment of the entire contract may be made only upon written consent of the Owner. The Contractor's own forces and equipment shall perform not less than 50 percent of the contract work.

No assigning, transferring or subletting, even though consented to, shall relieve the Contractor of his liabilities under his contract.

The Contractor shall give his personal attention of any portion of his contract, which has been sublet, and he shall be responsible for its proper construction.

The prime Contractor, as a condition of this contract, is responsible for assuring submission of proof or documentation regarding Affirmative Action compliance by his subcontractors and for the subsequent Affirmative Action performance by such subcontractors.

GC-38 RIGHT OF OWNER TO TERMINATE CONTRACT

If the work to be done under this contract shall be abandoned by the Contractor; or if this contract shall be assigned by him otherwise than as herein provided; or if the Contractor should be adjudged a bankrupt, or if a general assignment of his assets be made for the benefit of his creditors, or if a receiver should be appointed for the Contractor or any of his property; or if at any time the Engineer Architect shall certify in writing to the Owner that the performance of the work under this contract is being unnecessarily delayed, or that the Contractor is willfully violating any of the conditions or covenants of this contract or the specifications therefore, or that he is executing the same in bad faith or otherwise not in accordance with the terms of said contract, or if the work be not substantially completed within the time to which such completion date may be extended; then the Owner may serve written notice upon the Contractor and his surety of said Owner's intention to terminate this contract, and, unless within five (5) days after the serving of such notice upon the Contractor, a satisfactory arrangement be made for the continuance

thereof, this contract shall cease and terminate. In the event of such termination, the Owner shall immediately serve notice thereof upon the surety and the Contractor, and the surety shall have the right to take over and complete the work, provided, however, that if the surety does not commence performance thereof within thirty (30) days from the date of said notice of termination, the Owner may take over the work and prosecute same to completion, by contract or otherwise, for the account of the Contractor. The Contractor and his surety shall be liable to the Owner for any and all excess cost sustained by the Owner by reason of such prosecution and completion including compensation for additional architectural, engineering, managerial and administrative expense; and in such event the Owner may take possession of, and utilize in completing the work, all such materials, equipment, tools, and plant as may be on the site of the work and necessary therefore.

GC-39 SUSPENSION OF WORK ON NOTICE

The Contractor shall delay or suspend the progress of the work or any part thereof, whenever he shall be so required by verbal order of the Owner or Engineer Architect at the moment it is issued. Said verbal order will be confirmed by written order at the request of the Contractor which shall note the time the verbal order was issued. The Contractor shall delay or suspend the progress for such periods of time as required to comply with directions issued by Owner or Engineer Architect, provided that, in the event such delay or suspension of the progress of the work, or any part thereof, the time for completion of the work so suspended or delayed by such suspensions shall be extended for a period equivalent to the time lost; however, such order of the Owner or Engineer-Architect shall not otherwise modify or invalidate any of the provisions of this contract. In the event that the work shall be stopped by order of the Owner or Engineer-Architect, any expense which, in the opinion and judgment of the Engineer-Architect, is caused thereby shall be paid by the Owner to the Contractor.

GC-40 LOSSES FROM NATURAL CAUSES

All loss or damage arising out of the nature of the work to be done, or from the action of the elements, or from floods or overflows, or from ground water, or from unusual obstructions or difficulties, or any other natural or existing circumstance either known or unforeseen, which may be encountered in the prosecution of the said work shall be sustained and borne by the Contractor at his own cost and expense.

GC-41 LAWS AND ORDINANCES

The Contractor shall keep himself fully informed of all existing and current regulations of the Owner and County, State and National laws which in any way limit or control the actions or operations of those engaged upon the work or affecting the materials supplied to or by them. He shall at all times observe and comply with all ordinances, laws, and regulations, and shall protect and indemnify the Owner and the Owner's officers and agents against any claims or liability arising from or based on any violation of the same.

GC-42 SANITARY REGULATIONS

In general, the operations of the Contractor shall be in full conformity with all of the rules and regulations of boards and bodies having jurisdiction with respect to sanitation. The Contractor shall supply safe and sufficient drinking water to all of his employees. The Contractor shall obey and enforce all sanitary regulations and orders, and shall take precautions against infectious diseases and the spread of same.

GC-43 CHARACTER OF WORKMEN

The Contractor shall employ only workmen, who are competent to perform the work assigned to them and (in the case of skilled labor), who are adequately trained and experienced in their respective trades and who do satisfactory work. In all cases, local labor shall be given preference when available. Whenever the Engineer-Architect shall notify the Contractor that any man on the work is, in his opinion, incompetent, unfaithful, or disorderly, or who uses threatening or abusive language when on the work to any person representing the Owner, such man shall be immediately discharged from the work and shall not be reemploy thereon except with the consent of the Engineer-Architect.

GC-44 SATURDAY, SUNDAY, HOLIDAY, AND NIGHT WORK

No work shall be done between the hours of 6:00 p.m. and 8:00 a.m., nor on Saturdays, Sundays, or legal holidays, without the written approval or permission of the Engineer-Architect in each case, except such work as may be necessary for proper care, maintenance, and protection of work already done or equipment, or in the case of an emergency. The Contractor may establish night work as a regular procedure, with the written permission of the Engineer-Architect. The Engineer-Architect, however, may revoke such permission, at any time if the Contractor fails to maintain at night, adequate equipment for the proper prosecution and control of the work, and all operations performed thereunder.

GC-45 UNFAVORABLE CONSTRUCTION CONDITIONS

During unfavorable weather, wet ground, or other unsuitable construction condition, the Contractor shall confine his operations to work, which will not be affected adversely thereby. No portion of the work shall be constructed under conditions, which would affect adversely the quality of efficiency thereof unless, by special means or precautions approved by the Engineer-Architect, the Contractor shall be able to perform the work in a proper and satisfactory manner.

GC-46 BEGINNING, PROGRESS, AND TIME OF COMPLETION OF WORK

The Contractor shall, within ten (10) days after being instructed to do so in a written notice from the Owner, commence the work to be done under this contract; and the rate of progress shall be such that the work shall have been completed in accordance with the terms of the contract on or before the termination of the construction period named in the proposal, subject to any extension or extensions of such time made as hereinafter provided. The Contractor may be required to furnish the Engineer-Architect with a tentative schedule setting forth in detail the procedure he proposes to follow, and giving the dates on which he expects to start and to complete separate portions of the work. If at any time, in the opinion of the Engineer-Architect, proper progress is not being maintained, such changes shall be made in the schedule of operations as the Engineer-Architect shall direct or approve.

GC-47 HINDRANCES AND DELAYS

In executing the contract agreement, the Contractor expressly covenants and agrees that, in undertaking to complete the work within the time therein fixed, he has taken into consideration and made allowances for all hindrances and delays incident to such work, whether growing out of delays in securing materials or workmen or otherwise. The Contractor shall make no charge for hindrances or delays from any cause during the progress of the work, or any portion thereof, embraced in this contract, except as provided in the paragraph on "Suspension of Work on Notice" of these GENERAL CONDITIONS.

GC-48 EXTENSION OF TIME

Should the Contractor be delayed in the final completion of the work by any act or neglect of the Owner or Engineer-Architect, or of any employee of either, or by any other contractor employed by the Owner, or by strikes, fire, or other cause or causes outside of and beyond the control of the Contractor and which could have been neither anticipated nor avoided, then an extension of time sufficient to compensate for the delay shall be granted by the Owner provided, however, that the Contractor shall give the Owner, and the Engineer-Architect, within ten (10) consecutive days from the start of such delay, notice in writing of the cause of delay in each case. Extensions of time will not be granted for delays caused by unfavorable weather, unsuitable ground conditions, inadequate construction force, or the failure of the Contractor to place orders for equipment or materials a sufficient time in advance to ensure delivery when needed.

GC-49 LIQUIDATED DAMAGES

It is mutually understood and agreed by and between the parties to this contract, in signing the agreement thereof, that time is of the essence of this contract, and that in the event that the said Contractor shall fail in the performance of the work specified and required to be performed within the period of time stipulated therefor in the contract agreement binding said parties, after due allowance for any extension or extensions of time which may be granted under the provisions of the preceding paragraph, the said Contractor shall pay unto the said Owner, as stipulated liquidated damages and not as a penalty, the sum indicated in the Special Conditions for each and every calendar day that the Contractor shall be in default. In case of joint responsibility for any delay in the final completion of the work covered by this contract, where two or more separate contracts are in force at the same time and cover work on the same project and at the same site, the total amount of liquidated damages assessed against all contractors under such contracts, for any one (1) day of delay in the final completion of the work, will not be greater than the amount listed in SPECIAL PROVISIONS, and the amount assessed against any one Contractor for one (1) day of delay will be based upon the individual responsibility of such Contractor for the aforesaid delay as determined by, and in judgment of the Owner. The Owner shall have the right to deduct said liquidated damages from any moneys in its hands, otherwise due, or to become due, to said Contractor, or to sue for and recover compensation for damage for nonperformance of this contract at the time stipulated herein and provided for.

GC-50 TESTS OF MATERIALS OFFERED BY CONTRACTOR

All specified and required tests for approval of source of materials shall be made at the expense of the Contractor by a properly equipped laboratory of established reputation, whose work and testing facilities shall be approved by the Owner. Approval of materials based on acceptable tests will apply only while such materials as furnished equal or exceed the tested samples or test specimens in quality and minimum requirements. Any change in origin, method of preparation, or manufacture of such materials will require new tests and approval thereof. Reports of all tests shall be furnished to the Owner in as many certified counterparts as may be required by the said owner.

GC-51 TESTING OF COMPLETED WORK

Before final acceptance, all parts of the work shall be tested and each part shall be in good condition and working order and shall be placed in such condition and order, at the expense of the Contractor. All tests of completed work required under this contract shall be made under the

direction of the Engineer-Architect by and at the expense of the Contractor, whom shall repair at his own expense all damage resulting from the testing.

GC-52 REMOVAL OF CONDEMNED MATERIALS AND STRUCTURES

The Contractor shall remove from the site of the work, without delay, all rejected and condemned materials or structures of any kind brought to or incorporated in the work, and upon his failure to do so, or to make satisfactory progress in so doing, within forty-eight (48) hours after the serving of a written notice from the Engineer Architect ordering such removal, the condemned material or structures may be removed by the owner and the cost of such removal be taken out of the money that may be due or may become due the Contractor on account of or by virtue of this contract. No such rejected or condemned material shall again be offered for use by the Contractor under this or any other contract under this project.

GC-53 PLACING WORK IN SERVICE

If desired by the Owner, portions of the work may be placed in service when completed and the Contractor shall give proper access to the work for this purpose, but such use and operation shall not constitute an acceptance of the work, and the Contractor shall be liable for defects due to faulty construction until the entire work under this contract is finally accepted and for a year thereafter as stipulated in paragraph GC-55.

GC-54 DISPOSAL OF TRASH AND DEBRIS

The Contractor shall not allow the site of the work to become littered with trash and waste materials but shall maintain the same in a neat and orderly condition throughout the construction period. The Engineer-Architect shall have the right to determine what is or is not waste material or rubbish and manner and place of disposal. On or before the completion of the work the Contractor shall (without charge) carefully clean out all pits, pipes, chambers, or conduits, and shall tear down and remove all temporary structures built by him and shall remove all rubbish of every kind from the tracts or grounds which he has occupied and shall leave them in a first class condition.

GC-55 DEFECTIVE WORKMANSHIP AND MATERIALS

During a period of one (1) year from and after the date the final acceptance by the Owner of the work embraced by this contract, the Contractor shall make all needed repairs arising out of defective workmanship or materials, or both, which, in the judgment of the Owner, shall become necessary during such period. If within ten (10) days after the mailing of a notice in writing to the Contractor, or his agent, the said Contractor shall neglect to make, or undertake with due diligence to make, the aforesaid repairs, the Owner is hereby authorized to make such repairs at the Contractor's expense providing, however, that in case of an emergency where, in the judgment of the Owner, delay would cause serious loss or damage, repairs may be made without notice being sent to the Contractor, and the Contractor shall pay the cost thereof.

GC-56 EQUIPMENT GUARANTY

All mechanical and electrical equipment and devices, and every part thereof, which are furnished by the Contractor under the terms of this contract shall be guaranteed by the Contractor and his surety against defective workmanship, faulty design, mechanical and physical defects, leakage, breakage, and other damage or failure, under normal operation of the equipment and devices under specified conditions, for a period of one (1) year, unless specified in the Specifications for a longer period from and after the date of acceptance thereof by the Owner, and each item of

equipment or part thereof thus proving to be defective within the specified period of the guaranty shall be replaced (without cost to the Owner) by the manufacturer of the defective item of equipment, by the Contractor, or by his surety under the terms of the performance, payment and maintenance bond. This equipment guaranty shall also apply to, and shall include, any and all replacements of defective equipment or parts made thereunder, and the period of the guaranty of each such replacement shall be from and after the date of installation thereof.

GC-57 CLAIMS FOR LABOR AND MATERIALS

The Contractor shall indemnify and save harmless the Owner from all claims for labor and materials furnished under this contract, or any alterations or modifications thereof, and shall furnish the owner with satisfactory evidence, when called for by it, and that all persons, firms, or corporations, who have done work or furnished materials under this contract, for which the Owner may become liable under the laws of the State, have been fully paid or satisfactorily secured, and in case such evidence is not furnished, an amount necessary or sufficient, within the discretion of the Owner, to meet the claims of the persons, firms and corporations, aforesaid, in addition to any other moneys that are to be retained, as herein specified, from the money due the Contractor under this contract, shall be retained until the liabilities aforesaid shall be fully discharged or satisfactorily secured.

GC-58 PERFORMANCE, PAYMENT, AND MAINTENANCE BOND

The performance, payment, and maintenance bond shall be executed by the Contractor with a surety company which: (1) meets the minimum standard for an insurance carrier which currently is in effect for all coverages purchased by Jackson County; and (2) is on the most current United States Treasury list as a surety whose bonds are acceptable to the United States Government.

- a. For the faithful performance and completion of the work in strict accordance with the terms of the contract, and each and every covenant, condition, and part thereof, according to the true intent and meaning of contract documents and herein defined;
- b. For payment of all just claims for labor performed and material furnished; and
- c. For the repair, or replacement where required, or the cost thereof, of all work performed under the terms of the contract, where such repair or replacement is required because of defective workmanship or materials, or both, and for the replacement of defective equipment or parts thereof, within a period of one (1) year after the date of acceptance as herein provided. The Owner agrees to mail a notice to the Contractor, calling his attention to any failure to comply with the requirements of the bond, not less than ten (10) days before notifying his surety of such failure.

GC-59 ESTIMATED QUANTITIES

(Where total bid is the sum of unit price extensions.) The Contractor agrees that the quantities of work as stated in his proposal and bid, or indicated on the plans, are accurate for the construction shown, and that during the progress of the work the Owner may find it advisable, and it shall have the right, to omit portions of the work and to increase or decrease the quantities, and that the Owner reserves the right to add to or take from any items as may be deemed necessary or desirable. Under no circumstances or conditions will the Contractor be paid

anything on account of anticipated profits upon the work or any portion thereof covered by this contract, which has not actually entered into the construction of said improvements.

GC-60 MONTHLY ESTIMATES AND PAYMENTS

- a. Unit Price Contracts: On or about the first day of each month, the Engineer-Architect will make an approximate estimate of the value of the work done and unused materials delivered for, and stored on, the site of the work during the previous calendar month. The Contractor shall furnish to the Engineer-Architect such detailed information as requested to aid him as a guide in the preparation of monthly estimates.
- b. Lump Sum Contracts: On or about the first day of each month the Contractor shall submit to the Engineer - Architect an itemized application for payment, supported to the extent required by the Engineer-Architect by receipts or other vouchers, showing payments for materials and labor, payments to subcontractors and such other evidence of the Contractor's right to payment as the Engineer-Architect may direct. If payments are made on valuation of work done, the Contractor shall, before the first application, submit to the Engineer-Architect a schedule of values of the various parts of the work, including quantities, aggregating the total sum of the contract, divided so as to facilitate payments to subcontractors in accordance with such forms as the Engineer-Architect and the Contractor may agree upon, and, if required, supported by such evidence as to its correctness as the Engineer-Architect may direct. This schedule, when approved by the Engineer-Architect shall be used as a basis for Certificates for Payment, unless it is found to be in error. In applying for payments, the Contractor shall submit a statement based upon this schedule. If payments are made on account of materials not incorporated in the work but delivered and suitably stored at the site, or at some other location agreed upon in writing, such payments shall be conditioned upon submission by the Contractor of bills of sale or such other procedure as will establish the Owner's title to such material or otherwise adequately protect the Owner's interest including applicable insurance.
- c. Certification for Payments: On or about the 10th day of the month the Engineer-Architect shall submit payment estimates or certificates of payment to the Owner. After the Owner shall have approved each such estimate, the Owner shall pay to the Contractor ninety-five (95) percent of the amount of such estimated sum within thirty (30) days after receipt of payment certificate. If the Owner shall at any time fail to make the Contractor a monthly estimate at the time herein specified, such failure shall not be held to vitiate or void this contract.

GC-61 LIENS

Neither the final payment nor any part of the retained percentage shall become due until the Contractor shall deliver to the Owner a complete release of all liens arising out of the Contract, or receipts in full in lieu thereof and, if required in either case, an affidavit that so far as he has knowledge or information the releases and receipts include all the labor and material for which a lien could be filed, but the Contractor may, if any subcontractor refuses to furnish a release or receipt in full, furnish a bond satisfactory to the Owner, to indemnify him against any lien. If any lien remains unsatisfied after all payments are made, the Contractor shall refund to the Owner

all moneys that the latter may be compelled to pay in discharging such a lien, including all costs and a reasonable attorney's fee.

GC-62 COMPLETION AND ACCEPTANCE OF WORK

The Contractor shall make final corrections promptly as instructed and/or listed in writing by the Engineer-Architect. Upon completion of the work the Engineer-Architect shall satisfy himself, by examination and test, that the work has been finally and fully completed in accordance with the Plans, Specifications, and contract and report such completion to the Owner.

GC-63 FINAL ESTIMATE AND PAYMENT

After official approval and acceptance of the work by the Owner, the Engineer-Architect shall be authorized to prepare a final estimate of the work done under this contract and the value thereof. Such final estimate shall be submitted to the Owner within ten (10) days after its preparation has been authorized as aforesaid, and the Owner shall within thirty (30) days after said final estimate is made and certified, pay the entire sum found to be due hereunder, after deducting all amounts to be kept and retained under any provision of this contract. All prior estimates and payments shall be subject to correction in the final estimate and payment, but in the absence of error or manifest mistake, it is agreed that all estimates, when approved by the Owner, shall be conclusive evidence of the work done and materials furnished.

GC-64 RELEASE OF LIABILITY

The acceptance by the Contractor of the last payment shall operate as, and shall be, a release to the Owner and every officer and agent thereof, from all claims and liability to the Contractor for anything done or furnished for, or relating to the work, or for any act or neglect of the Owner or any person relating to or affecting the work, and following such acceptance, no persons, firm, or corporation, other than the signer of this contract as Contractor, will have any interest hereunder, and no claim shall be made or be valid, and neither the Owner nor any employee or agent thereof shall be liable or be held to pay any money, except as herein provided.

GC-65 CLAIMS FOR ADJUSTMENT AND DISPUTES

If for any reason the Contractor deems that additional compensation is due him for work or materials not clearly provided for in the contract, plans, or specifications, or previously authorized as extra work, he shall notify the Engineer in writing of his intention to claim such additional compensation before he begins the work on which he bases the claim. If such notification is not given or the Engineer is not afforded proper opportunity by the Contractor for keeping strict account of actual cost as required, then the Contractor hereby agrees to waive any claim for such additional compensation.

Such notice by the Contractor and the fact that the Engineer has kept account of the cost of the work shall not in any way be construed as proving or substantiating the validity of the claim.

When the work, on which the claim for additional compensation is based, is work that has been completed, the Contractor shall, within fifteen (15) calendar days after completion of the work in question, submit his written claim to the Engineer who will present it to the Owner for consideration. Claims submitted at times other than those herein specified will not be considered. Each notice of claim shall contain an itemized statement showing completely and fully the items and amounts forming the basis of the claim.

Nothing in this subsection shall be construed as a waiver of the Contractor's right to dispute final payment based on differences in measurements or computations.

GC-66 SAFETY TRAINING REQUIREMENT FOR ALL ON-SITE EMPLOYEES

The contractor to whom the contract is awarded and any subcontractor under such contractor shall require all on-site employees to complete a ten-hour Occupational Safety and Health Administration (OSHA) construction safety program for their on-site employees which includes a course in construction safety and health approved by OSHA or a similar program approved by the department which is at least as stringent as an approved OSHA program. All employees are required to complete the program within sixty days of beginning work on such construction project. The contractor shall provide certification of compliance with this condition following the award of the contract and before work commences on the project.

GC-67 HOMELAND SECURITY AFFIDAVIT

As a condition for the award of any contract or grant in excess of five thousand dollars by the County to a business entity, the business entity shall, by sworn affidavit and provision of documentation, affirm its enrollment and participation in a federal work authorization program with respect to the employees working in connection with the contracted services. Every such business entity shall also sign an affidavit affirming that it does not knowingly employ any person who is an unauthorized alien in connection with the contracted services. Any entity contracting with the County shall only be required to provide the affidavits required in this subsection to the County on an annual basis.

END OF SECTION

THIS SHEET LEFT BLANK INTENTIONALLY.

SPECIAL CONDITIONS

These Special Conditions constitute modifications, deletions and additions to the General Conditions (GC). Where any part of the General Conditions is so modified by these Special Conditions the unaltered provision shall remain in effect.

SC-1 SCOPE OF WORK (GC-1)

The work provided for in these specifications shall consist of furnishing all labor, materials, equipment, and other services necessary to construct the 2021 Pavement Maintenance Program – Pavement Marking as described herein. Said work shall include but not be limited to pavement markings of paint and existing roadways, on-site traffic control, and all incidental and related work as shown on the Contract Documents and as described herein.

SC-6 COPIES OF CONTRACT (GC-6)

Six (6) copies of the contract documents will be prepared by the Owner. All copies will be submitted to the Contractor and the Contractor shall execute the Contract Agreements, insert executed copies of the required Performance Bonds, Certificate of Liability Insurances, Power of Attorney, and submit all copies to the Owner. THE DATE OF THE CONTRACT AGREEMENT AND BOND FORMS SHALL BE LEFT BLANK FOR FILLING IN BY THE OWNER.

The Owner will execute all copies, insert the date of contract on the Performance Bonds and Power of Attorney, retain four (4) copies, and forward two (2) copies to the Contractor, one of which should be forwarded to the surety company.

SC-7 SCOPE, NATURE AND INTENT OF SPECIFICATIONS AND PLANS (GC-7)

- A. All work on this project shall conform to the project drawings and to the Contract Documents.

- B. The work shall also conform to referenced standard drawings and to other drawings or information thereto as may be furnished by the Owner prior to the opening of the proposals or during construction.

- C. All work shall be in accordance with these Standard Specifications as specified in TS-1 except where a conflict occurs. Should any conflict arise in the Contract Documents, Standard Specifications or Plans the following order of precedence shall be used:
 - 1. Plans – or Appendix sheets
 - 2. Technical Specifications
 - 3. Special Conditions
 - 4. General Conditions

SC-9 CONTRACTOR TO CHECK PLANS AND SCHEDULE (GC-9)

- A. The Contractor shall submit a proposed progress schedule for all work in the Contract. Scheduling shall provide for the least practical inconvenience to the traveling public and to the residents along the project.

- B. The construction schedule shall be in a form approved by the Owner and shall include at least the following information for each significant work item:

1. Beginning date.
2. Scheduled percentage of completion at the end of each calendar month.
3. Ending date.

The schedule shall also show the scheduled percentage complete for the entire contract at monthly intervals.

- C. The Owner will review the proposed progress schedule and may require the Contractor to revise it if, in the Owner's judgment, changes are required to accurately reflect the scheduled progress of the work or provide for completion of the project within the contract time. The revised schedule shall be submitted to the Owner for his approval within fourteen (14) days of notification to the Contractor that a revised schedule is required.
- D. The Contractor will be required to revise his original approved progress schedules any time actual progress of the Work on the Contract lags the schedule progress by fifteen percent or more. A revised schedule shall be submitted to the Owner for his approval within fourteen (14) days of written notification to the Contractor that a revised schedule is required.
- E. The Owner may withhold monthly Progress Payments otherwise due the Contractor in the event that progress falls fifteen (15) percent behind the approved progress schedule for two consecutive months, and may continue to withhold payments until the Contractor has submitted an acceptable revised schedule and shown a good faith effort to implement same. The Owner's decision either to withhold or not withhold progress payment shall not waive or release any right the Owner has to withhold any subsequent progress payments, nor does it relieve the Contractor of his responsibility to complete the project within the contract time.

SC-12 OWNERSHIP OF DRAWINGS (GC-12)

General Conditions GC-12 is modified as follows:

All drawings, specifications, calculations, electronic files and copies developed by the Contractor and/or their subcontractors for components of the project are the property of the Owner. They are not to be used on work unrelated to this project, and, with exception of the Contractor's signed contract sets, are to be returned to the Owner on request, upon completion of the work.

SC-19 CONTRACTOR'S OFFICE AT SITE OF WORK (GC-19)

General Conditions GC-19 is modified by adding the following:

- A. **The Contractor is not required to have a field office at the project site** and no conditions have been made by the Owner for the field office, shops, or storage areas to be used by the Contractor. However, if desired, the Contractor may, on his own initiative, provide for any or all of the above items. The Contractor may store a limited amount of material and equipment inside of the building in a specified location with the permission of the County, if applicable.
- B. **No direct payment will be made for the Contractor's office, shops or storage areas.**
- C. **Common-Use Field Office:** Of sufficient size to accommodate needs of Owner, Engineer and construction personnel office activities and to accommodate Project meetings. Keep office clean and orderly.

SC-27 AUTHORITY AND DUTY OF THE ENGINEER-ARCHITECT (GC-27)

The progression of the project will be observed by the County personnel and will provide the inspection.

SC-28 INSPECTION (GC-28)

- A. This project will be observed by the County personnel.
- B. Contractor shall notify his subcontractors, Owner and all Contractors and subcontractors under the Owner, when he is ready for them to install their portions of their work and see that they comply within a reasonable amount of time. Neither enclose nor cover any piping, wiring, ducts, equipment or other items until proper tests, observations and/or inspections have been made by the Owner and/or proper authorities.
- C. Contractor or subcontractor may not put in place any work which will prevent observation and approval of previous work without first notifying the Owner, and/or proper authorities.

SC-29 NO WAIVER OF RIGHT (GC-29)

Neither the inspection or evaluations by the Owner or any of the Owner's officials, employees, or agents, nor any order by the Owner for payment of money, nor any payment for, or acceptance of, the whole or any part of the work by the Owner or Engineer-Architect, nor any extension of time, nor any possession taken by the Owner or its employees, shall operate as a waiver of any provision of this contract, or of any power herein reserved to the Owner, or any right to damages herein provided, or shall any waiver of any breach in this contract be held to be a waiver of any other or subsequent breach.

SC-32 PROTECTION OF PROPERTY AND PUBLIC LIABILITY (GC-32)

General Condition GC-32 is modified by adding the following:

- A. The Contractor shall confine all work, equipment and personnel within the limits of the existing project rights-of-way and construction limits noted. The Contractor shall make no claim for additional payment for confining his operations within these areas.

SC-34 MODIFICATIONS AND ALTERATIONS (GC-34)

General Conditions GC-34 is modified by adding the following:

The Contractor may submit to the Engineer, in writing, proposals for modifying the plans, specifications or other requirements of this contract for the sole purpose of reducing the total cost of construction. The cost reduction proposal shall not impair, in any manner, the essential functions or characteristics of the project, including but not limited to service life, economy of operation, and ease of maintenance, desired appearance, or design and safety standards.

Cost reduction proposals shall contain the following information:

1. A description of both the existing contract requirements for performing the work and the proposed changes.
2. An itemization of the contract requirements that must be changed if the proposal is adopted.

3. A detailed estimate of the cost of performing the work under the existing contract and under the proposed change.
4. A statement of the time within which the Engineer must make a decision thereon.
5. The contract items of work affected by the proposed changes, including any quantity variation attributable thereto.

This Special Condition shall not be construed to require the Engineer to consider any cost reduction proposal which may be submitted hereunder; proposed change in basic design of a bridge or of a pavement type will not be considered as an acceptable cost reduction proposal; the Owner will not be liable to the Contractor for failure to accept or act upon any cost reduction proposal submitted pursuant to this section nor for any delays to the work attributable to any such proposal. If a cost reduction proposal is similar to a change in the plans or specifications for the project under consideration by the Owner at the time said proposal is submitted, the Engineer will not accept such proposal and the Owner reserves the right to make such changes without compensation to the Contractor under the provisions of this article.

The Contractor shall continue to perform the work in accordance with the requirements of the contract until an executed change order incorporating the cost reduction proposal has been issued. If an executed change order has not been issued by the date upon which the Contractor's cost reduction proposal specified that a decision thereon should be made, or such other date as the Contractor may subsequently have specified in writing, such cost reduction proposal shall be deemed rejected.

The Engineer shall be the sole judge of the acceptability of a cost reduction proposal and of the estimated net savings in construction costs from the adoption of all or any part of such proposal. In determining the estimated net savings, the right is reserved to disregard the contract bid prices if, in the judgment of the Engineer, such prices do not represent a fair measure of the value of work to be performed or to be deleted.

The Owner reserves the right where he deems such action appropriate to require the Contractor to share in the Owner's cost of investigating a cost reduction proposal submitted by the Contractor as a condition of considering such proposal. Where such a condition is imposed, the Contractor shall indicate his acceptance thereof in writing, and such acceptance shall constitute full authority for the Owner to deduct amounts payable to the Owner from any moneys due or that may become due to the Contractor under the contract.

If the Contractor's cost reduction proposal is accepted in whole or in part, such acceptance will be by a contract change order, which shall specifically state that it is executed pursuant to this special condition. Such change order shall incorporate the changes in the plans and specifications which are necessary to permit the cost reduction proposal or such part of it as has been accepted to be put into effect, and shall include any conditions upon which the Owner's approval thereof is based if the approval of the Owner is conditional. The change order shall also set forth the estimated net savings in the cost of performing the work attributable to the cost reduction proposal effectuated by the change order and shall further provide the Contractor be paid fifty (50) percent of said estimated net savings amount.

Acceptance of the cost reduction proposal and performance of the work there under shall not extend the time of completion of the contract unless specifically provided for in the contract change order authorizing the use of the cost reduction proposal.

The amount specified to be paid to the Contractor in the change order which effectuates a cost reduction proposal shall constitute full compensation to the Contractor for the cost reduction proposal and the performance of the work thereof pursuant to the said change orders.

The Owner expressly reserves the right to adopt a cost reduction proposal for general use on contracts administered by the Owner when it determines that said proposal is suitable for application to other contracts. When an accepted cost reduction proposal is adopted for general use, only the Contractor who first submitted such proposal will be eligible for compensation pursuant to this section, and, in that case, only as to those contracts awarded to him prior to submission of the accepted cost reduction proposal. Cost reduction proposals identical or similar to previously submitted proposals will be eligible for consideration and compensation under the provisions of this article if the identical or similar previously submitted proposals were not adopted for general application to other contracts administered by the Owner. Subject to the provisions contained herein, the Owner shall have the right to use all or any part of any submitted cost reduction proposal without obligation or compensation of any kind to the Contractor. This article of the specifications shall apply only to contracts awarded to the lowest bidder pursuant to competitive bidding.

The engineer reserves the right to make, in writing, at any time during the work, such changes in quantities and such alterations in the work as are necessary to satisfactorily complete the project. Such changes in quantities and alterations shall not invalidate the contract nor release the surety, and the contractor agrees to perform the work as altered.

If the alterations or changes in quantities significantly change the character of the work under the contract, whether or not changed by any such different quantities or alterations, an adjustment, excluding loss of anticipated profits, will be made to the contract. The basis for the adjustment shall be agreed upon prior to the performance of the work. If a basis cannot be agreed upon, then an adjustment will be made either for or against the contract in such an amount as the engineer may determine to be fair and equitable.

If the alterations or changes in quantities do not significantly change the character of the work to be performed under the contract, the altered work will be paid for as provided elsewhere in the contract.

The term "significant change" shall be construed to apply only to the following circumstances:

- a. When the character of the work as altered differs materially in kind or nature from that involved or included in the original proposed construction or
- b. When a major item of work, as defined elsewhere in the contract is increased in excess of 125 percent or decreased below 75 percent of the original contract quantity. Any allowance for an increase in quantity shall apply only to the portion of the work in excess of 125 percent of original contract item quantity, or in case of decrease below 75 percent, to the actual amount of work performed.

- c. The Contractor's attention is called to the Bid Form (Page 9) which allows the County to adjust the quantities upward or downward based upon the available funding. This may be in excess of the percentages noted above.

SC-35 EXTRA WORK (GC-35)

General Conditions GC-35 is modified as follows for numbers 2, 3 and 4 of GC-35 as follows:

- A. An amount equal to 20% percent will be added to the bond, insurance and taxes and not the 6% noted in the General Condition.
- B. An amount equal to 20% percent will be added to the materials and not the 15% noted in the General Condition.
- C. An amount equal to 20% percent will be added to all rental costs and not the 15% noted in the General Condition.

SC-37 ASSIGNMENT AND SUBLETTING OF CONTRACT (GC-37)

Add to GC-37 the following requirement.

- A. "No Second-Tier subcontracting will be permitted. It shall be the responsibility of the Contractor to ensure that his/her subcontractors do not in turn subcontract any portion of the work."
- B. Assigning, transferring or subletting, even though consented to, shall not relieve the Contractor of his liabilities under his contract. The Contractor shall give his personal attention to any and all portions of the contract which has been sublet and he shall be responsible for its proper construction.
- C. The prime Contractor, as a condition of this contract, is responsible for assuring submission of proof or documentation regarding Affirmative Action compliance by his subcontractors and for the subsequent Affirmative Action performance by such subcontractors.

SC-39 SUSPENSION OF WORK ON NOTICE (GC-39)

General Conditions GC-39 is modified by adding the following:

If the performance of all or any portion of the work is suspended or delayed by the Engineer in writing for an unreasonable length of time (not originally anticipated, customary, or inherent to the construction industry) and the contractor believes that additional compensation and/or contract time is due as a result of such suspension or delay, the contractor shall submit to Engineer, in writing, a request for adjustment within seven (7) calendar days of receipt of the notice to resume work. The request shall set forth the reasons and support for such adjustment.

Upon receipt, the engineer will evaluate the contractor's request. If the engineer agrees that the cost and/or time required for the performance of the contract has increased as a result of such suspension and the suspension was caused by conditions beyond the control of and not the fault of the contractor, its suppliers, or subcontractors at any approved tier, and not caused by

weather, the engineer will make an adjustment (excluding profit) and notify the contractor of his/her determination whether or not an adjustment of the contract is warranted.

No contract adjustment will be allowed unless the contractor has submitted the request for adjustment within the time prescribed.

No contract adjustment will be allowed under this clause to the extent that performance would have been suspended or delayed by any other cause, or for which an adjustment is provided for or excluded under any other term or condition of this contract. No contract adjustment will be made for utility delays.

SC-41 LAWS AND ORDINANCES (GC-41)

The following is added to GC-41:

No burning will be allowed.

SC-43 CHARACTER OF WORKMEN (GC-43)

Add the following to GC-43:

Workman who may have occasion to speak with the general public must be able to communicate in clear English.

SC-45 UNFAVORABLE CONSTRUCTION CONDITIONS (GC-45)

Modify GC-45, Unfavorable construction conditions, by adding the following:

Contractor shall take precautions by watering or other means to ensure that excessive dust or lime does not become airborne during construction.

SC-46 BEGINNING, PROGRESS, AND TIME OF COMPLETION OF WORK (GC-46)

A. The time for completion of the work is an essential part of the Contract. It shall begin on the date stated in the Notice to Proceed, and shall be the number of working days as stated in the Proposal and in accordance with MoDOT Standard Specification Section 108, except as follows: "No working days will be counted from December 15 to March 15, both days inclusive unless work may proceed on a continuous basis beyond December 15 or may start or restart on a continuous basis before March 15. Working days will not be counted within this time frame after continuous work stops or before continuous work begins. Saturdays, Sundays, national holidays and holidays established by the laws of the state will not be counted as working days any time during the year."

Contractor's attention is directed to conditions of GC-44 and GC-46. Holidays: Saturdays, Sundays, and holidays established by the laws of the County will not be counted as working days.

2021 List of Jackson County, Missouri Holidays

New Year's Day	Friday, January 1 st
Martin Luther King, Jr Day	Monday, January 18 th
Presidents' Day	Monday, February 15 th
Truman's Birthday	Friday, May 7 th

Memorial Day	Monday, May 31 st
Independence Day	Monday, July 5 th
Labor Day	Monday, September 6 th
Veterans' Day	Thursday, November 11 th
Thanksgiving Day	Thursday, November 25 th
Thanksgiving Friday	Friday, November 26 th
Christmas Day	Friday, December 24 th

- B. The Contractor will need to coordinate with the Owner and/or their designated representative on the after-work week hours and weekend schedules. The standard work week hours that the contractor can work are from 7:30 a.m. to 4:30 p.m.
- C. Weekend work schedule(s) shall be coordinated and approved with the Owner prior to any construction.
- D. The Contractor shall take, at no additional cost to the Owner, whatever means are necessary including, but not necessarily limited to, working nights and weekends and double shifts, and providing temporary weather enclosures and temporary heat/ventilation during inclement weather to assure substantial completion of all work during the Contract Time.
- E. Prior to starting work, a pre-construction conference will be held to discuss the project, its scheduling, and its coordination with the work of others. It is expected that this conference will be attended by representatives of the Owner, the Engineer, the Contractor and his subcontractors, and the will attend this conference, and the striping contractor that is to accomplish the permanent striping, if applicable, as well as representatives of any other affected agencies which the Owner may wish to invite.
- F. Substantial Completion shall be the stage in the progress of the Work where the Work is sufficiently complete in accordance with the Contract Documents so that the Owner can occupy or utilize the Work for its intended user.

SC-49 LIQUIDATED DAMAGES (GC-49)

In accordance with GC-49, Liquidated Damages (also referred to as "Schedule of Deductions"), the Contractor will be assessed liquidated damages for each calendar day of delay in completion of work. See the following schedule:

<u>Contract Amount</u>		<u>Calendar Day</u>
		<u>Assessment</u>
\$ 25,001	\$ 50,000	\$ 475
\$ 50,001	\$ 100,000	\$ 500
\$ 100,001	\$ 500,000	\$ 700
\$ 500,001	\$ 1,000,000	\$ 950
\$ 1,000,001	\$ 2,000,000	\$ 1,100

SC-50 TEST OF MATERIALS OFFERED BY CONTRACTOR (GC-50)

- A. Modify GC-50, Tests of Materials offered by Contractor, by adding the following:
- B. Testing and quality control shall be in accordance with the technical specifications. All testing shall be provided and paid for by the owner except as outlined in the technical specifications.
- C. Submission of all Compliance Submittals shall be scheduled to permit review, fabrication, and delivery in time to cause no delay in the Work of Contractor or his subcontractors or any other contractors as described herein. Contractor shall allow fifteen (15) days in Engineer's office for reviewing original submittals and fifteen (15) days in Engineer's office for reviewing re-submittals. However, Engineer will make every effort to promptly review such submittals and transmit comments to Contractor.
- D. The Prime Contractor shall submit compliance submittals of materials furnished by subcontractors, manufacturers, and suppliers.
- E. Submit certificates for the any aggregate materials used.
- F. Submit mix designs for each asphalt material used.

SC-54 DISPOSAL OF TRASH AND DEBRIS (GC-54)

The following is added to GC-54:

- A. Before the work will be accepted by the Owner, the Contractor shall be required to remove all aggregate and debris resulting from his operation, which also includes cleaning streets, ditches creeks, and driveways of earth, sod or other objectionable material and shall dispose of such debris off the project. This cleanup shall be limited to the project limits.
- B. Final Cleanup shall be at no additional cost to the Owner.

SC-58 PAYMENT, PERMORMANCE AND MAINTENANCE BOND (GC-58)

Delete the first paragraph of GC-58 and replace it with the following:

PERFORMANCE AND PAYMENT BOND: The performance and payment bond shall be executed by the Contractor with a surety company which: (1) meets the minimum standard for an insurance carrier which currently is in effect for all coverage's purchased by Jackson County; and (2) is on the most current United States Treasury list as a surety whose bonds are acceptable to the United States Government.

MAINTENANCE BOND: The Contractor's attention is called to paragraph "c" of GC-58, which requires a one-year (1-year) maintenance bond. Contractor shall submit a Maintenance Bond to Jackson County Public Works (JCPW) upon the Final Acceptance by the Owner. The Final Acceptance Letter from JCPW Engineering staff member will be certified mailed to the Contractor. The Final Completion Date stated on the Final Acceptance Letter will be the start date of the Maintenance Bond. The Contractor is required to use this date on the Maintenance Bond.

SC-59 ESTIMATED QUANTITIES (GC-59)

Add the following to bottom of GC-59:

It is the intent of the contract documents that the total bid, as submitted, shall cover all work required by the contract documents. All costs in connection with the work, including furnishing of all

materials, equipment, supplies and appurtenances; providing all necessary labor to fully complete the work shall be included in the unit and lump sum prices named in the proposal. No item of work that is required by the contract documents for the proper and successful completion of the contract will be paid for outside of, or in addition to, the prices submitted in the proposal. All such work not specifically set forth in the proposal as a pay item shall be considered a **SUBSIDIARY** obligation of the Contractor and all costs in connection therewith shall be included in the prices named in the proposal. On the plans, or in the specifications, certain quantities may be given which do not appear in the proposal. These quantities are given for the convenience of the contractor only and are considered **SUBSIDIARY** for payment purposes as given above.

SC-60 MONTHLY ESTIMATES AND PAYMENTS (GC-60)

Modify GC-60, Monthly Estimates and Payments, by adding the following:

- A. The method of measurement and basis of payment for each item as listed in the Proposal will be as stipulated in the sections of the Technical Specifications and on the Plans and in this article.
- B. There shall be no measurement or separate payment for any item of work which is not specifically identified and listed in the Proposal and all costs pertaining thereto shall be included in the contract unit prices for related items which are listed in the proposal.
- C. Pay limits given in the Specifications and Plans are maximum. Where actual quantities are less than as computed by said pay limits, the Contractor will be paid only for the actual quantities.
- D. All work completed under the Contract will be measured according to United States Imperial system. The method of measurement and computations to be used in determination of quantities of material furnished and of work performed under the Contract will be those methods generally recognized as conforming to good engineering practices.
- E. All materials, which are measured or proportioned by weight, shall be weighed on platform scales furnished by the Contractor, or on public scales at the Contractor's expense. The scales shall comply with all state laws governing the use of scales and shall be tested and sealed by an authorized public official, at the expense of the Contractor, as often as the Engineer may deem it necessary to ensure their accuracy. The Contractor shall furnish the Engineer a waybill for each truckload, signed by the weigh master and truck driver.
- F. The Contractor shall maintain a running balance of weights of materials versus areas covered, furnishing this data to the Engineer, in order that corrections for overrun or under run may be made when desired.
- G. The Owner will not pay for, or be responsible for, unused materials, which may have been ordered by the Contractor in accordance with the quantities listed in the proposal.
- H. The Contractor shall make an approximate estimate of the value of the work done and unused materials delivered for, and stored on, the site of the work during the previous calendar month. The Contractor shall furnish to the Engineer such detailed information as requested to aid him as a guide in the review of the payment application.
- I. The Contractor shall submit payment estimates or certificates of payment to the Owner.

SC-63 FINAL ESTIMATE AND PAYMENT (GC-63)

General Conditions GC-63 is modified by adding the following:

Contractor shall notify the Engineer when he has completed all work in accordance with the Specifications. Any items found to be incomplete or improperly constructed shall be listed, and the Contractor shall take prompt action to correct such items. Upon completion of all such work, a final inspection will be scheduled to include the Contractor's representative, the Owner's representative, and the Engineer. Should the Contractor fail to complete the items listed (thereby causing final inspection to be repeated), the cost of engineering or any other costs incurred by the Owner, due to such repeated inspections, shall be at the expense of the Contractor and will be deducted from the final contract amount.

SC-65 CLAIMS FOR ADJUSTMENT AND DISPUTES (GC-65)

General Conditions GC-65 is modified by adding the following:

Each Contractor must form their own opinion of the character and condition of materials to be encountered from an inspection of the site and from other such investigations as they may desire to undertake.

The Contractor is solely responsible for determination of existing conditions. All claims for adjustments in contract price or quantity of removals shall be denied.

END OF SECTION

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TECHNICAL SPECIFICATIONS

TS-1 GENERAL

The latest editions of the following specifications are incorporated into the Contract Documents by reference:

- Missouri Standard Specifications for Highway Construction, 2020 Third Edition January 2021, Missouri Highways and Transportation Commission.
- American Public Works Association (APWA) Kansas City Metropolitan Chapter Standard Specifications, Sections 2000 through 2900.
- Manual on Uniform Traffic Control Devices (MUTCD) current edition.

Technical Specifications for the work shall consist of the above referenced specifications with such revisions, amendments, and supplements as are contained herein. The work shall be constructed in accordance with these technical specifications and any attached plans or drawings.

Any omission found in these Technical Specifications, and/or the appropriate Standard Specification, shall govern the plans where applicable sections in the Standard Specifications are found.

TS-2 MOBILIZATION

Mobilization shall conform to Section 618 of the MoDOT Standard Specifications. No direct payment will be made for Mobilization and shall be **SUBSIDIARY** to the unit price for the various pavement marking bid items.

TS-3 DIFFERING SITE CONDITIONS

The following requirement is hereby added to the contract:

- A. Prior to the beginning or during the progress of the work, if subsurface or latent physical conditions are encountered at the site differing materially from those indicated in the contract or if unknown physical conditions of an unusual nature, differing materially from those ordinarily encountered and generally recognized as inherent in the work provided for in the contract, are encountered at the site, the party discovering such conditions shall promptly notify the other party in writing of the specific differing conditions before they are disturbed and the affected work is performed.
- B. Upon written notification the Engineer will investigate the conditions and if he/she determines that the conditions of the pavement materially differ and cause an increase or decrease in the cost or time required for the performance of any work under the contract, an adjustment will be made and the contract modified in writing accordingly. The Engineer will notify the Contractor of his/her determination whether an adjustment of the contract is warranted.
- C. No contract adjustment, which results in a benefit to he/she Contractor, will be allowed unless the Contractor has provided the required written notice.

TS-4 TRAFFIC CONTROL AND CONSTRUCTION SIGNING

A. The project shall be constructed open to through traffic. All advance-warning signs will be installed and maintained by the Contractor. Vehicular access to the driveways exiting onto the road shall be maintained and facilitated to the best of the Contractor's ability.

B. Traffic control and traffic control signs and devices shall conform to the Manual of Uniform Traffic Control Devices (MUTCD), latest edition, and to the requirements of Sections 612, 616, and 1041 of the Missouri Department of Transportation Standard Specifications except as herein modified.

Modify Section 616.4.1 to read as follows:

The Contractor shall furnish, install, maintain, clean and relocate all signs, drums, cones, barricades, delineators, object markers, flashing arrow panels, channeling devices, lights and other traffic control devices shown on the plans, or as directed by the Engineer. All traffic control devices shall meet the requirements of the Manual on Uniform Traffic Control Devices (MUTCD), 2009 Edition. The Contractor shall replace any unacceptable device as soon as possible but not to exceed 24 hours after the contractor had been notified.

The Contractor shall pay for all labor, equipment and materials to maintain traffic at the worksite. Said traffic control shall be in accordance with Chapter 6C, Temporary Traffic Control Elements (MUTCD 2009 Edition) and may include pilot vehicles and flagmen, radios, signage, etc.

Temporary Markings are required and shall be in accordance with Section 6F.78 of the 2009 Edition of the MUTCD. The Contractor shall coordinate all paving operations with the County so that the placement of the permanent pavement markings, which will be provided by the County or its agent, can be placed in a timely fashion. Placement of the temporary pavement markings shall be considered **SUBSIDIARY** to the unit price bid for the various pavement marking items.

The Contractor shall submit a Traffic Control Plan for approval prior to the issuance of the Notice to Proceed. The plan shall show and explain in detail the Contractor's intent as to handling and maintaining traffic through the construction zones.

C. Replace Section 616.12, Basis of Payment, with the following:

Signs and other traffic control devices specified in the traffic control plan or authorized by the Engineer will be **SUBSIDIARY** to the unit bid price for the various pavement marking items. No separate measurement or payment will be made.

TS-5 PAVEMENT MARKING

Permanent pavement markings shall conform to the "Manual on Uniform Traffic Control Devices," (MUTCD) 2009 edition including Revision 1 dated May 2012 and Revision 2 dated May 2012. Also, permanent pavement markings shall conform to Section 620.20 "Permanent Pavement Marking" and Section 1048 "Pavement Marking Material" of the Missouri Standard Specifications for Highway Construction, except as modified by these Technical Specifications:

A. Pavement Marking Removal

1. Pavement marking removal shall be in accordance with MoDOT Section 620.50 "PAVEMENT MARKING REMOVAL".
2. Measurement: There shall be no measurement for the removal of any existing pavement markings that may be in conflict with the Work.
3. Payment: Pavement marking removal shall be **SUBSIDIARY** to the other unit price items on the bid form. The basis of payment shall be the amount of completed and accepted work, and shall be paid for at the contract unit price bid for various types of paint lines. Pavement Marking Removals shall be **SUBSIDIARY** to the payments for at the contract unit price bid for various types of paint lines, arrows, etc. All pavement marking removal shall be per the Plans or as authorized by the County. Pavement markings shall be completely removed with minimal damage to the pavement. No more than five percent of the existing marking shall remain. The pavement surface shall not be left scarred with an image that misleads traffic. Any excess damage or scarring of the pavement shall be repaired at the Contractor's expense. The

Contractor shall remove and replace, at the Contractor's expense, any finished markings that have the following deficiencies:

- a) Drag marks, gashes, gouges, foreign covering, discolored areas, or areas that have failed to solidify.
- b) Improper adhesion, length or thickness
- c) Ragged appearance with areas that do not present sharply defined edges. Lateral deviation in excess of two inches in a length of 200 feet of marking.

B. Pavement Marking Materials:

1. Marking Definition for Striping.

- a) **4" White/Yellow Edge Line** (white/yellow longitudinal marking): A solid line on the right and left edge of a roadway.
- b) **4" Yellow/White Skip**: A broken line at the center of the roadway which consists of 10-foot-long stripes separated by 30-foot-long gaps.
- c) **4" One Side No Passing (NP)**: The combination of a solid yellow line where no passing is required and a broken yellow line where passing is permitted.
- d) **4" Double Yellow** (yellow longitudinal marking): Two solid yellow lines at the center of a roadway where two direction no passing is required. Double centerlines should consist of 4" lines separated by a 4" space.
- e) **4" Yellow Lines with 4" Dashed Lines (Broken Intermittent Median Lines) for Two-Way Left Turn Lanes TWLTL** shall be placed in accordance with Appendix plans.
- f) **Drop-On Glass Beads**: The drop-on glass beads shall be in accordance with Section 620.30. The Contractor shall use Type P glass beads applied at the minimum rate of 10 lbs. per 100 square feet of surface area of pavement marking material. Drop-on glass beads shall be **SUBSIDIARY** to other unit price items on the bid form.

2. **Aggressive Bond Preformed Thermoplastic Pavement Markings**: This specification covers a white and yellow adhesive Preformed Thermoplastic reflectorized pavement marking material that is applied to road surfaces, including Portland Cement Concrete (PCC) and aged asphalt without need of a primer/sealer. The material is applied to the road surface in a molten state by mechanical means with surface application of glass beads. Upon cooling to normal pavement temperature, it produces an adherent reflectorized stripe of specified thickness and width with limited thermal/seasonal deformation. In order to qualify as a non-sealer Preformed Thermoplastic that can be applied to concrete surfaces without a sealer, the material must meet or exceed the requirements listed below.

- a. **Characteristics**: The Preformed Thermoplastic material shall be homogeneously composed of pigments, resins, polymers (adhesive constituent), glass reflectorizing spheres and other fillers. The Preformed Thermoplastic material shall be available in a variety of surface delineation colors from the same manufacturer. The manufacturer shall have the option of formulating the material according to their own specifications.

However, certain physical and chemical requirements specified must be satisfied in order to qualify as a non-primed striping application for PCC and aged asphalt surfaces.

The material shall not exude fumes which are toxic or injurious to persons or properties upon heating to application temperature.

- b. Specific Gravity: The specific gravity of the white and yellow Preformed Thermoplastic pavement marking material shall not exceed 2.15.
 - c. Composition: The pigment, intermix reflectorizing spheres, and fillers shall be uniformly dispersed in the resin and polymer upon heating to application temperature. The material shall be free of dirt and foreign matter and must meet or exceed the compositional requirements (percentage by weight) indicated below. The total resin/binder content must be 22% min. – 26% max. (weight) of total product ingredients.
 - d. Measurement: Aggressive bond Preformed Thermoplastic pavement markings for each specific type will be measured per linear foot. Skip pattern lines shall be measured upon length of marked section. Dual pattern lines shall be measured at two times the marked section.
 - e. Payment: Pavement markings shall be paid at the unit price bid for:
 - 4" Solid White Edge Line (Paint)
 - 4" Solid White Lane Line (Paint)
 - 4" Double Yellow Centerlines (Paint)
 - 4" Yellow No Pass Lines (Paint)
 - 4" Yellow Broken (Paint)
 - 6" White Crosswalks (Paint)
 - 24" White Stop Bars (Preformed Thermoplastic)
 - 24" White Diagonal Island Lines (Paint)
 - 24" Yellow Diagonal Median Islands (Paint)
3. Preformed Thermoplastic Pavement Marking Symbols: This specification is for the furnishing of retroreflective Preformed Thermoplastic pavement marking symbol materials that can be adhered to asphalt, concrete and Portland cement concrete pavements by means of heat fusion. The applied markings shall be very durable, oil and grease impervious and provide immediate and continuing retroreflectivity.
- a. Characteristics: The preformed marking material shall consist of a resilient white and yellow polymer Preformed Thermoplastic with uniformly distributed glass beads throughout its entire cross section.

Preformed words and symbols shall conform to the applicable shapes and sizes as prescribed in the latest revision of the Manual on Uniform Traffic Control Devices (MUTCD).

The preformed markings shall be fusible to asphalt concrete and Portland cement concrete pavements by means of the normal heat of a propane type of torch. Adhesives, primers or sealers shall not be used prior to the preformed marking application on asphalt concrete and Portland cement concrete pavements.

The preformed markings shall conform to pavement contours, breaks and faults through the action of traffic at normal pavement temperatures. The markings shall have resealing characteristics and be capable of fusing to itself and previously applied worn hydrocarbon and/or alkyd Preformed Thermoplastic pavement markings.

The preformed markings shall be capable of application on new, dense and open graded asphalt concrete wearing courses during the paving operation in accordance with the manufacturer's instructions. After application, the markings shall be immediately ready for traffic. The preformed markings shall be suitable for use for one year after the date of receipt when stored in accordance with the manufacturer's recommendations.

The Preformed Thermoplastic markings shall not be brittle and must be sufficiently cohesive and flexible at temperatures exceeding 55 degrees F for one person to carry without the danger of fracturing the material prior to application.

Temperature for Preformed Thermoplastic pavement markings: For the Preformed Thermoplastic ReflectORIZED Permanent Pavement Marking the pavement and ambient air temperatures shall be not less than 55° F, and the thermoplastic material shall be applied in a melted state at a temperature of 375° F to 450° F. The temperature of the thermoplastic in the shaping die shall be maintained at the manufacturer's recommended application temperature, but in no case shall the temperature fall below 375° F.

Preformed Thermoplastic minimum thickness: The finished lines shall have well defined edges and be free of waviness. All lines will have minimal dribbles, runs and overlaps. In the event that thermoplastic long lines must stop and then continue, the restart shall line up to within 0.5 inches of the existing long line and maintain a totally straight line. The minimum thickness of thermoplastic cross-section of lines shall be not less than 90 mils near the edges, nor less than 125 mils at the center, which shall be continuous and uniform in shape, and have clear and sharp dimensions. The drop-on glass beads shall be applied at a rate of one pound per 20 square feet of line.

- b. **Composition:** The retroreflective pliant polymer Preformed Thermoplastic pavement markings shall consist of a homogeneous mixture of high quality polymeric Preformed Thermoplastic binders, pigments, fillers and glass beads. The Preformed Thermoplastic material must conform to AASHTO M 249 with the exception of the relevant differences due to the material being supplied in a preformed state.
- c. **Retroreflectivity:** The Preformed Thermoplastic marking shall upon application exhibit uniform adequate nighttime retroreflectivity when tested in accordance with ASTM E 1710. At 86 degree 30 feet incidence angle and 1 degree 30-foot divergence angle, the markings shall have average minimum intensities of 350 millicandelas for white and 175 millicandelas for yellow as measured with a MiroLux or LTL-2000 retroreflectometer. Follow manufacturer's instructions for use.

Using a Taber Abraser with an H-18 wheel and a 4.4 ounce load, the sample shall be inspected at 200 cycles, under a microscope, to observe the extent and type of bead failure. No more than 15% of the beads shall be lost due to popout and the predominant mode of failure shall be "wear down" of the beads.

- d. **Measurement:** Preformed Thermoplastic pavement marking symbols for each specific type will be measured per **Each** for the Durable Pavement Marking and Durable Intersection Pavement Markings Materials in accordance with MODOT Standard Specifications.
- e. **Payment:** Pavement markings shall be paid at the unit price bid for:
 - White Left Turn Arrows (Preformed Thermoplastic)
 - White Right Turn Arrows (Preformed Thermoplastic)
 - White Thru Lane Arrows (Preformed Thermoplastic)
 - White Combination Turn (Left or Right)-Thru Arrows (Preformed Thermoplastic)
 - White "ONLY" (Preformed Thermoplastic)
 - White RR-Xing, (Preformed Thermoplastic)
 - White "SCHOOL ZONE AHEAD" (Preformed Thermoplastic)
 - Yellow TWLTL (Two-Way Left Turn Lane) Arrows (Preformed Thermoplastic)

4. **Acrylic Waterborne Pavement Markings and Symbols:** Acrylic waterborne pavement markings shall be in accordance with Section 620.20 "Permanent Pavement Marking" and Section 1048.20.1.1 "Standard Acrylic Waterborne Pavement Marking Paint".

- a. Temperature for Paint pavement markings: For Acrylic Waterborne Permanent Pavement Marking applications, the pavement surface temperature and ambient air temperatures shall be above 50 degrees Fahrenheit and rising before marking operations may begin. Painting shall not be performed when painted surfaces may become damaged by rain, fog or

condensation. Paint shall not be applied if the forecast conditions for the eight hours immediately following final application include precipitation. High-build paint shall be applied to a minimum wet thickness of 20 mils. Paint may be heated to a maximum temperature of 150° F before application. The Type P Glass beads shall be applied evenly at a minimum rate of 9 pounds per gallon of paint. Glass beads shall be applied evenly and shall completely cover the painted area. If beads do not embed properly in the paint, all marking operations shall cease until the Contractor can demonstrate that the problem has been corrected. The glass beads shall appear uniform on the entire marking surface. The cured paint shall properly adhere to the pavement surface. If the marking paint does not provide initial retroreflectivity or if the marking does not have the required minimum thickness or required color, the Contractor shall re-apply the marking paint to the required thickness, at the Contractor's expense, and shall meet all requirements as previously described in these Technical Specifications.

- b. Measurement: Acrylic waterborne pavement markings for each specific type will be measured per linear foot and symbols per each. Skip pattern lines shall be measured upon length of marked section. Dual pattern lines shall be measured at two times the marked section.
- c. Payment: Pavement markings and symbols shall be paid at the unit price bid for:
- 4" Solid White Edge Line (Paint)
 - 4" Solid White Lane Line (Paint)
 - 4" Double Yellow Centerlines (Paint)
 - 4" Yellow No Pass Lines (Paint)
 - 4" Yellow Broken (Intermittent Median Line for TWLT Lanes)(Paint)
 - 4" Solid Yellow Lines around Raised Medians (Paint)
 - 4" Broken White Lane Lines (Paint)
 - 6" Solid White Lane Line (Paint)
 - 6" White Crosswalks (Paint)
 - 24" White Stop Bars (Paint)
 - 24" White Diagonal Island Lines (Paint)
 - 24" Yellow Diagonal Median Islands (Paint)
 - White Left Turn Arrows (Paint)
 - White Right Turn Arrows (Paint)
 - White Thru Lane Arrows (Paint)
 - White Combination Turn (Left or Right)-Thru Arrows (Paint)
 - White "ONLY" (Paint)
 - White RR-Xing, (Paint)
 - White "SCHOOL ZONE AHEAD" (Paint)
 - Yellow TWLTL (Two-Way Left Turn Lane) Arrows (Paint)
- C. Completed traffic stripes shall have clean and well defined edges, shall be uniform, shall be straight on tangent alignment, and shall be on a true arc on curved alignment. The widths of completed traffic stripes shall not deviate more than 1/4-inch on tangent nor more than 1/2-inch on curves from the required widths. Broken traffic stripes shall also conform to the following requirements.
- D. Permanent Pavement Marking paint shall be applied to a wet thickness of no less than 20 mils. The mil thickness shall be increased as needed to account for the porosity of the pavement and to achieve a target bead embedment of 60%. The wet film thickness of the applied paint shall be tested by the contractor with a paint thickness gauge or by other methods approved by the Engineer.

- E. The lengths of the gaps and individual stripes that form broken traffic stripes shall not deviate more than two inches from the lengths required. The lengths of the gaps and individual stripes shall be of such uniformity throughout the entire length of each broken traffic stripe that a normal striping machine will be able to repeat the pattern and superimpose additional coats of paint upon the traffic stripe being painted.
- F. Drips, over spray, improper markings, and paint tracked by traffic shall be immediately removed from the pavement surface by methods approved by the engineer. All such removal work shall be at the contractor's expense.
- G. Traffic stripes and pavement markings shall be applied only on dry surfaces and only during periods of favorable weather.
- H. Surfaces which are to receive traffic stripes and pavement markings shall be cleaned of all dirt and loose material. Newly chip sealed roads shall be swept to remove any loose chips but not damage the chip seal surface.
- I. All equipment used in the application of pavement markings and symbols shall produce uniform quality that conform to the specified requirements. The striping machine shall be capable of accurately superimposing succeeding coats upon the first coat and upon existing markings at a speed of at least five miles per hour.
- J. Newly placed pavement markings shall be protected from damage by traffic or other causes until they are thoroughly dry and set.
- K. Traffic control shall be in accordance with the MUTCD and with directions issued by the Engineer. The Engineer shall determine the adequacy of the traffic control procedures or devices in use and may halt the marking operations until adequate protective measures are taken. Traffic Control shall be **SUBSIDIARY** to unit price bid for the various pavement markings items.
- L. The pavement marking work on this project shall be scheduled and completed in a manner to provide the least interference with vehicular traffic without complete street closures or detours. Pavement marking work must be scheduled to avoid congestion, or hazard to the public and to provide the most satisfactory appearance of the work.
- M. The Contractor shall provide a pilot vehicle to lead and a chase vehicle to follow the paint truck while paint is being applied. The pilot vehicle and the chase vehicle shall have an arrow board and appropriate signs in accordance to MUTCD.
- N. The pavement surface temperature and air temperature as specified for both Paint and Preformed Thermoplastic within these Technical Specifications shall be determined before the start of each day of marking operation and at any other time deemed necessary by the County. Temperatures shall be obtained with appropriate devices using the manufacturer's recommended procedure. The pavement markings shall not be applied if the pavement shows any visible signs of moisture or it is anticipated that damage causing moisture, such as rain showers, may occur during the installation and curing periods.
- O. The surface on which markings are to be placed shall be clean and dry. The street surface shall be cleaned of debris, sand, or any other deleterious material by sweeping and or use of jets of compressed air immediately preceding the application of markings. New Asphaltic Concrete Overlay Surfaces and New Chip Seal pavements shall be blast-cleaned to remove all curing compounds.
- P. The County reserves the right to take reasonable samples from the Contractor's stock of materials at any time during the project and submit same for testing. Substitutions of materials or changes in the supplier will not be allowed without written consent of the County.

TS-6 FORCE ACCOUNT

A. The Contractor shall perform other unforeseen work, for which there is no condition included in the contract, whenever it is deemed necessary or desirable to complete the work as designated by the County. Such work shall be performed in accordance with the Standard Specifications and as directed by the County.

B. Payment for the work performed under this Technical Specification shall be made in accordance with the proposal unit prices where the requested work is covered by an item listed in the proposal. If the work is not represented by a unit price listed in the proposal, payment will be in accordance with the General Conditions and more specifically GC-35, "Extra Work".

END OF SECTION

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APPENDIX

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**2021 Road Program - Pavement Marking
County Project No. 3251**

Street Name	Beginning Description	Ending Description	Pavement Type	Existing or New Surfacing	24" White Stop Bars (LF)	18" Yellow Diagonal Median Island Lines (LF)	4" Double Solid Yellow Centerlines (LF)
Galvin Rd	Blue Mills Rd	Hunter Rd	AC	Existing			762
Twyman Rd	Blue Mills Rd	Pvmt Change	AC	Existing	11		2,028
Lake City Rd	Burnley Rd	Buckner CL	AC	Existing			4,499
Duncan Rd	Blue Springs CL	Tyer Rd	AC	Existing			3,885
Pink Hill Rd	Buckner Tarsney Rd	Bellechasse Dr	AC	Existing			1,175
Pink Hill Rd	Bellechasse Dr	Fields Rd	AC	Existing			958
Pink Hill Rd	Fields Rd	Ketterman Rd	AC	Existing			939
Pink Hill Rd	Ketterman Rd	Outer Belt Rd	AC	Existing			345
Liggett Rd	Woods Chapel Rd	Moreland School Rd	PCC	Existing	30	45	7,290
Liggett Rd	Moreland School Rd	Blue Springs CL	PCC	Existing	54	192	2,495
Shrout Rd	Lake Lotawana CL	Mason School Rd	AC	Existing			3,306
Shrout Rd	Mason School Rd	Blue Springs City Limits	AC	Existing			4,034
Alley Rd	Lake Lotawana CL	Alley & Jackson Rd	AC	Existing			2,715
Harris Rd	Haines Rd	Herring Rd	AC	Existing			3,870
Colbern Rd	West of Cyclone Lane	West of MO Route 7	AC	New	163	274	16,905
Major Rd	Blue Springs CL	Buckner Tarsney Rd	AC	New			13,170
Stillhouse Rd	Church Rd	Colbern Rd	AC	New			15,835
Stillhouse Rd	Outer Belt Rd	Church Rd	Fog Seal	New	48		11,832
Harris Rd	County Line	Missouri 150 Highway	AC	New			6,600
Old Twyman Rd	Twyman Rd (N)	Twyman Rd (S)	AC	New	40		
Stoney Point Rd	Stoney Point School Rd	Grain Valley CL	AC	New			
Stoney Point School Rd	Arnett Rd	Stoney Point Rd	AC	New	20		4,488
Stoney Point School Rd	Stoney Point Rd	Buckner Tarsney Rd	AC	New	20		6,600
Eisea Smith Rd	US 24 Hwy	Blue Mills Rd	Scrub Seal	New			10,560
Union School Rd	Whitney Rd	Yocum Rd	Fog Seal	New	10		6,600
Yocum Rd	Union School Rd	Blue Mills Rd	Fog Seal	New			3,960
East Park Rd	Liggett Cove Rd	3,760 feet East	AC	New			3,760
Totals:					396	511	138,611

**2021 Road Program - Pavement Marking
County Project No. 3251**

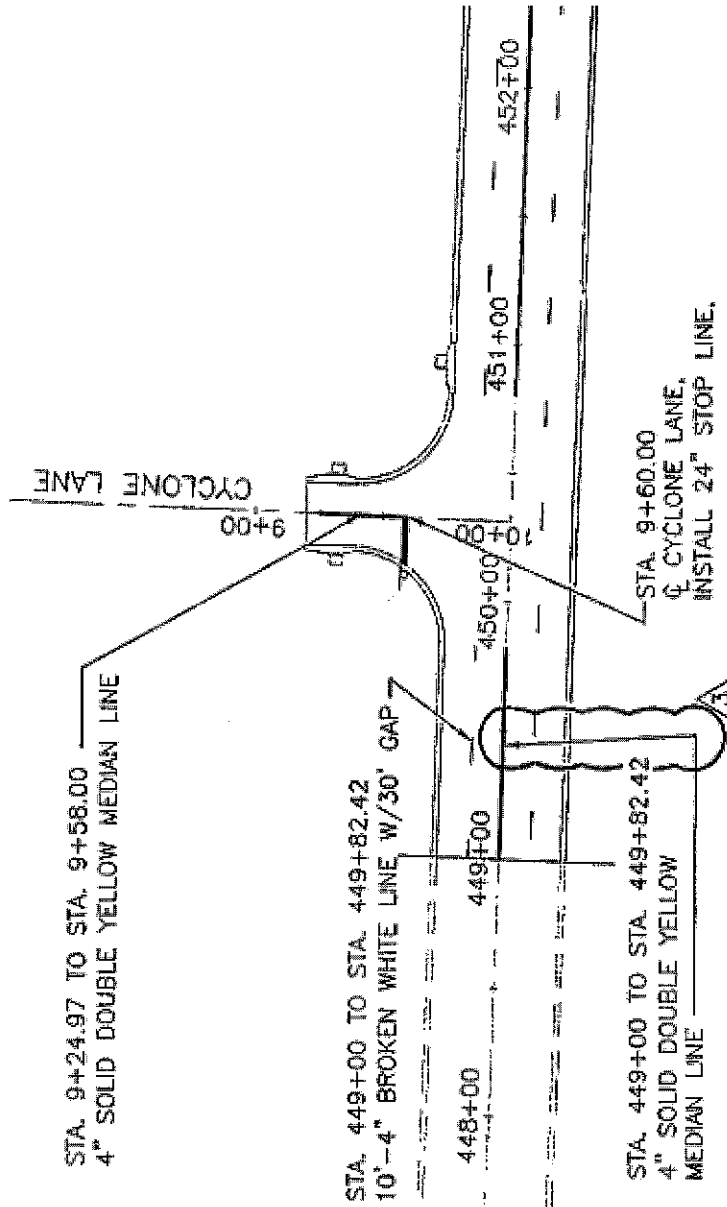
Street Name	Beginning Description	Ending Description	Pavement Type	Existing or New Surfacing	4" Solid White Edge Lines (LF)	4" Solid White Lane Line (LF)	4" White Dashed Interim Lines (LF)
Galvin Rd	Blue Mills Rd	Hunter Rd	AC	Existing	9,604		
Twyman Rd	Blue Mills Rd	Pvmt Change	AC	Existing	4,057		
Lake City Rd	Burnley Rd	Buckner CL	AC	Existing	8,998		
Duncan Rd	Blue Springs CL	Tyer Rd	AC	Existing	7,770		
Pink Hill Rd	Buckner Tarsney Rd	Bellechasse Dr	AC	Existing	9,330		
Pink Hill Rd	Bellechasse Dr	Fields Rd	AC	Existing	9,146		
Pink Hill Rd	Fields Rd	Ketterman Rd	AC	Existing	17,096		
Pink Hill Rd	Ketterman Rd	Outer Belt Rd	AC	Existing	3,846		
Liggett Rd	Woods Chapel Rd	Moreland School Rd	PCC	Existing	11,100	1,218	95
Liggett Rd	Moreland School Rd	Blue Springs CL	PCC	Existing		263	
Shrout Rd	Lake Lotawana CL	Mason School Rd	AC	Existing	6,612		
Shrout Rd	Mason School Rd	Blue Springs City Limits	AC	Existing	8,068		
Alley Rd	Lake Lotawana CL	Alley & Jackson Rd	AC	Existing	5,430		
Harris Rd	Haines Rd	Herring Rd	AC	Existing	7,740		
Colbern Rd	West of Cyclone Lane	West of MO Route 7	AC	New		920	3,454
Major Rd	Blue Springs CL	Buckner Tarsney Rd	AC	New	26,340		
Stillhouse Rd	Church Rd	Colbern Rd	AC	New	31,670		
Stillhouse Rd	Outer Belt Rd	Church Rd	Fog Seal	New	23,665		
Harris Rd	County Line	Missouri 150 Highway	AC	New	13,200		
Old Twyman Rd	Twyman Rd (N)	Twyman Rd (S)	AC	New			
Stoney Point Rd	Stoney Point School Rd	Grain Valley CL	AC	New	5,280		
Stoney Point School Rd	Arnett Rd	Stoney Point Rd	AC	New	8,976		
Stoney Point School Rd	Stoney Point Rd	Buckner Tarsney Rd	AC	New	13,200		
Elsa Smith Rd	US 24 Hwy	Blue Mills Rd	Scrub Seal	New	21,120		
Union School Rd	Whitney Rd	Yocum Rd	Fog Seal	New	13,200		
Yocum Rd	Union School Rd	Blue Mills Rd	Fog Seal	New	7,920		
East Park Rd	Liggett Cove Rd	3,760 feet East	AC	New	7,520		
Totals:					280,888	2,401	3,549

2021 Road Program - Pavement Marking
County Project No. 3251

Street Name	Beginning Description	Ending Description	Pavement Type	Existing or New Surfacing	4" Yellow Dashed and 4" Solid Lines (LF)	4" Yellow Dashed Lines (LF)	6" Solid White Crosswalk (LF)	White Left Turn Arrows (EA)
Galvin Rd	Blue Mills Rd	Hunter Rd	AC	Existing	1,993	2,047		
Twyman Rd	Blue Mills Rd	Pvmt Change	AC	Existing				
Lake City Rd	Burnley Rd	Buckner CL	AC	Existing				
Duncan Rd	Blue Springs CL	Tyer Rd	AC	Existing				
Pink Hill Rd	Buckner Tarsney Rd	Bellechasse Dr	AC	Existing	3,022	393		
Pink Hill Rd	Bellechasse Dr	Fields Rd	AC	Existing	2,515	894		
Pink Hill Rd	Fields Rd	Ketterman Rd	AC	Existing	4,913	2,531		
Pink Hill Rd	Ketterman Rd	Outer Belt Rd	AC	Existing	1,235	351		
Liggett Rd	Woods Chapel Rd	Moreland School Rd	PCC	Existing			382	3
Liggett Rd	Moreland School Rd	Blue Springs CL	PCC	Existing			224	
Shrout Rd	Lake Lotawana CL	Mason School Rd	AC	Existing				
Shrout Rd	Mason School Rd	Blue Springs City Limits	AC	Existing				
Alley Rd	Lake Lotawana CL	Alley & Jackson Rd	AC	Existing				
Harris Rd	Haines Rd	Herring Rd	AC	Existing				
Colbern Rd	West of Cyclone Lane	West of MO Route 7	AC	New				20
Major Rd	Blue Springs CL	Buckner Tarsney Rd	AC	New				
Stillhouse Rd	Church Rd	Colbern Rd	AC	New				
Stillhouse Rd	Outer Belt Rd	Church Rd	Fog Seal	New				
Harris Rd	County Line	Missouri 150 Highway	AC	New				
Old Twyman Rd	Twyman Rd (N)	Twyman Rd (S)	AC	New				
Stoney Point Rd	Stoney Point School Rd	Grain Valley CL	AC	New				
Stoney Point School Rd	Arnett Rd	Stoney Point Rd	AC	New				
Stoney Point School Rd	Stoney Point Rd	Buckner Tarsney Rd	AC	New				
Elsa Smith Rd	US 24 Hwy	Blue Mills Rd	Scrub Seal	New				
Union School Rd	Whitney Rd	Yocum Rd	Fog Seal	New				
Yocum Rd	Union School Rd	Blue Mills Rd	Fog Seal	New				
East Park Rd	Liggett Cove Rd	3,760 feet East	AC	New				
Totals:					13,678	6,216	606	23

**2021 Road Program - Pavement Marking
County Project No. 3251**

Street Name	Beginning Description	Ending Description	Pavement Type	Existing or New Surfacing	White Right Turn Arrows (EA)	White Thru Right Lane Arrows (EA)	White RR-Xing (EA)
Galvin Rd	Blue Mills Rd	Hunter Rd	AC	Existing			
Twyman Rd	Blue Mills Rd	Pvmt Change	AC	Existing			
Lake City Rd	Burnley Rd	Buckner CL	AC	Existing			
Duncan Rd	Blue Springs CL	Tyer Rd	AC	Existing			
Pink Hill Rd	Buckner Tarsney Rd	Bellechasse Dr	AC	Existing			
Pink Hill Rd	Bellechasse Dr	Fields Rd	AC	Existing			
Pink Hill Rd	Fields Rd	Ketterman Rd	AC	Existing			
Pink Hill Rd	Ketterman Rd	Outer Belt Rd	AC	Existing			
Liggett Rd	Woods Chapel Rd	Moreland School Rd	PCC	Existing	5		
Liggett Rd	Moreland School Rd	Blue Springs CL	PCC	Existing	2		
Shrout Rd	Lake Lotawana CL	Mason School Rd	AC	Existing			
Shrout Rd	Mason School Rd	Blue Springs City Limits	AC	Existing			
Alley Rd	Lake Lotawana CL	Alley & Jackson Rd	AC	Existing			
Harris Rd	Haines Rd	Herring Rd	AC	Existing			
Colbern Rd	West of Cyclone Lane	West of MO Route 7	AC	New	2	4	
Major Rd	Blue Springs CL	Buckner Tarsney Rd	AC	New			
Stillhouse Rd	Church Rd	Colbern Rd	AC	New			
Stillhouse Rd	Outer Belt Rd	Church Rd	Fog Seal	New			2
Harris Rd	County Line	Missouri 150 Highway	AC	New			
Old Twyman Rd	Twyman Rd (N)	Twyman Rd (S)	AC	New			
Stoney Point Rd	Stoney Point School Rd	Grain Valley CL	AC	New			
Stoney Point School Rd	Arnett Rd	Stoney Point Rd	AC	New			
Stoney Point School Rd	Stoney Point Rd	Buckner Tarsney Rd	AC	New			
Elsa Smith Rd	US 24 Hwy	Blue Mills Rd	Scrub Seal	New			
Union School Rd	Whitney Rd	Yocum Rd	Fog Seal	New			
Yocum Rd	Union School Rd	Blue Mills Rd	Fog Seal	New			
East Park Rd	Liggett Cove Rd	3,760 feet East	AC	New			
Totals:				9	4	2	



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 DATE: February 8, 2021
 DESIGNED BY: EL Johnson, PE
 CHECKED BY:
 APPROVED BY:

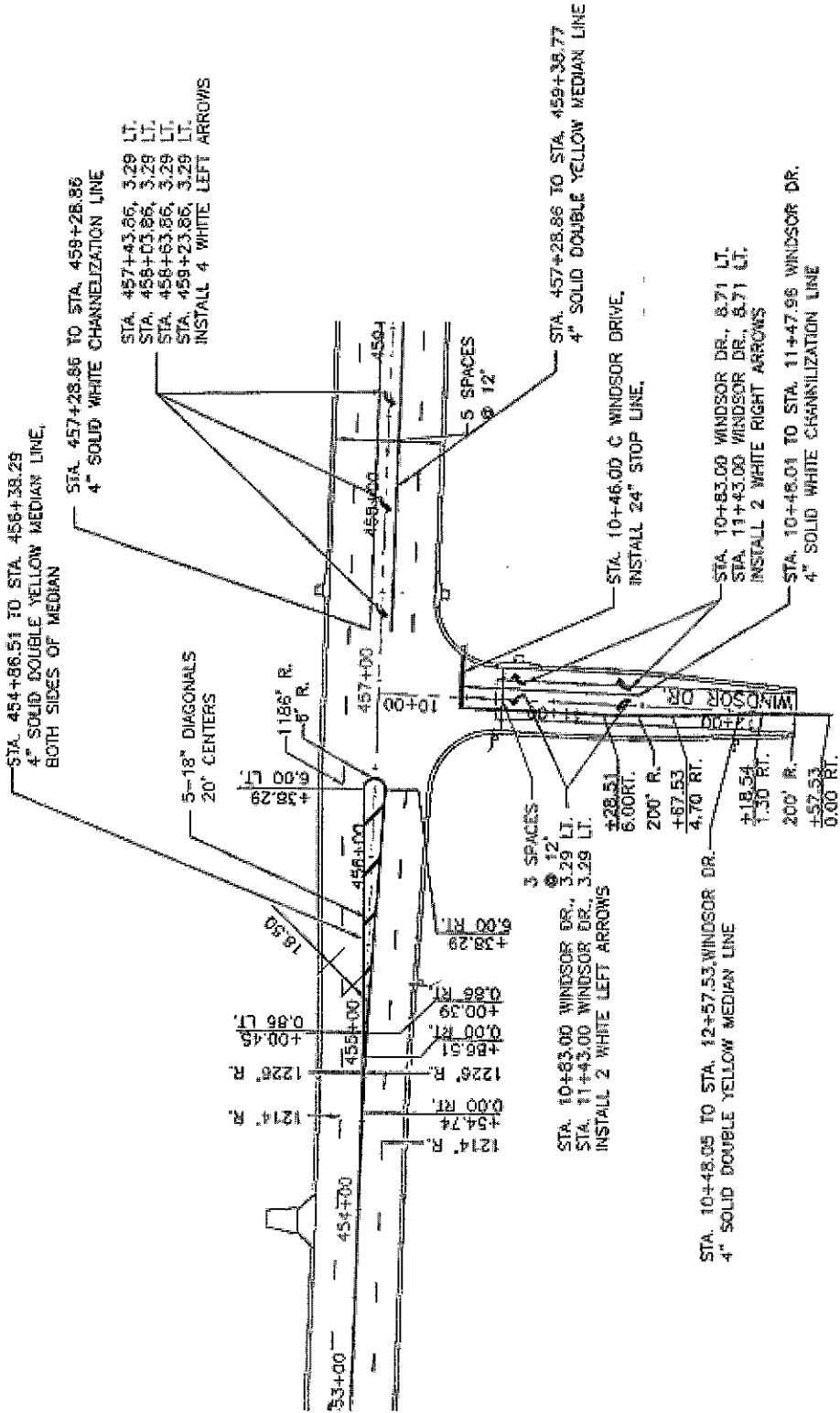


2021 Road Program -- Pavement Markings

COLBERN ROAD STRIPPING

B1

Sheet No.



PROJECT NUMBER:	3248
DRAWING NAME:	colbern.pptx
DATE:	February 8, 2021
DESIGNED BY:	EL Johnson, PE
CHECKED BY:	
APPROVED BY:	

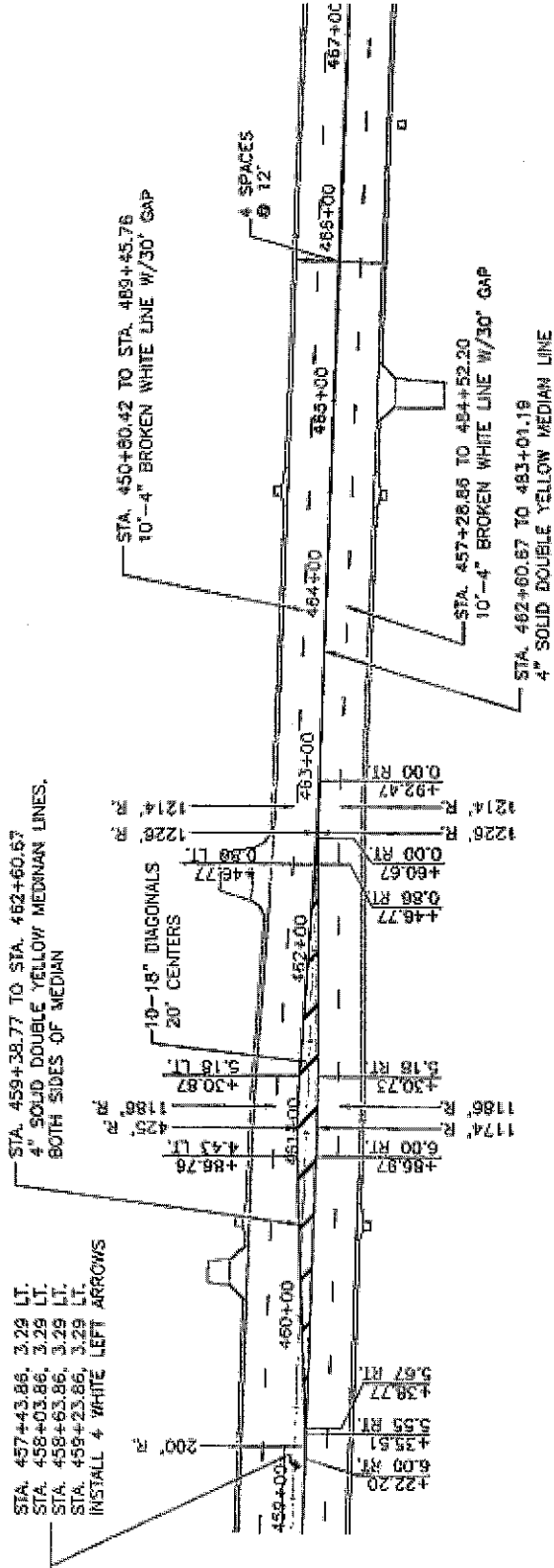


2021 Road Program – Pavement Markings

COLBERN ROAD STRIPPING

B2

Sheet No.



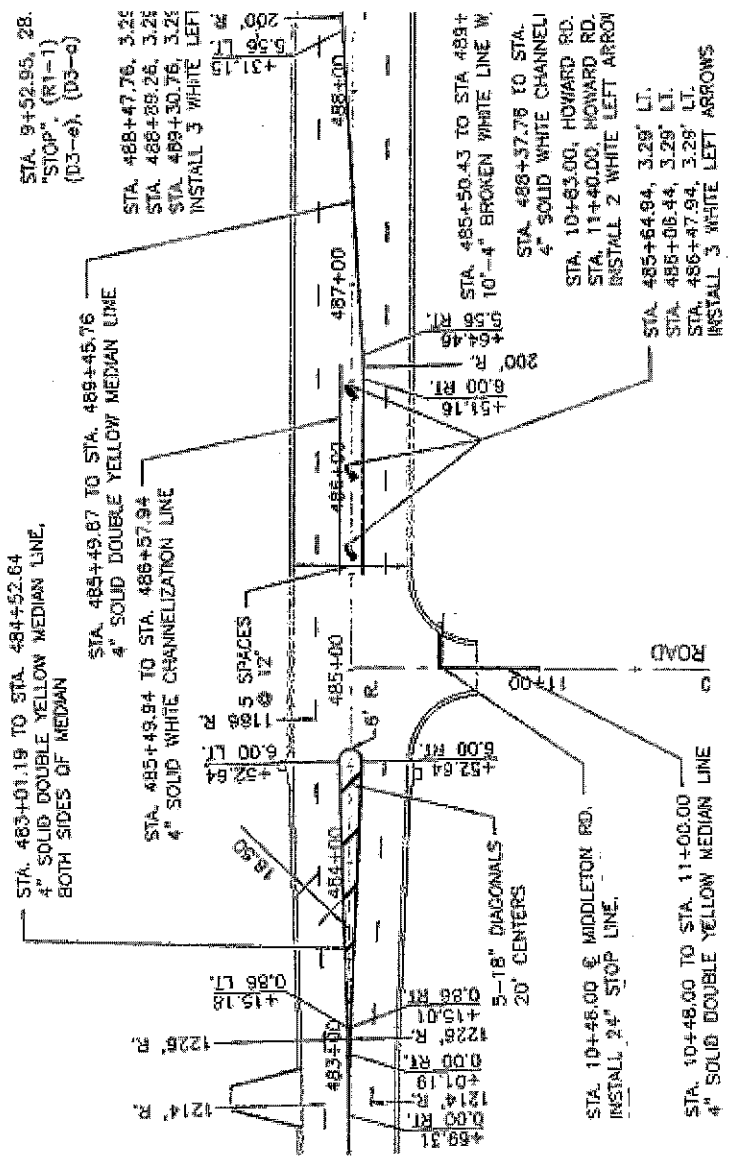
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 DRAWING NAME: colbern.pptx
 DATE: February 8, 2021
 DESIGNED BY: EL Johnson, PE
 CHECKED BY:
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2021 Road Program – Pavement Markings
COLBERN ROAD STRIPPING

B3

Sheet No.

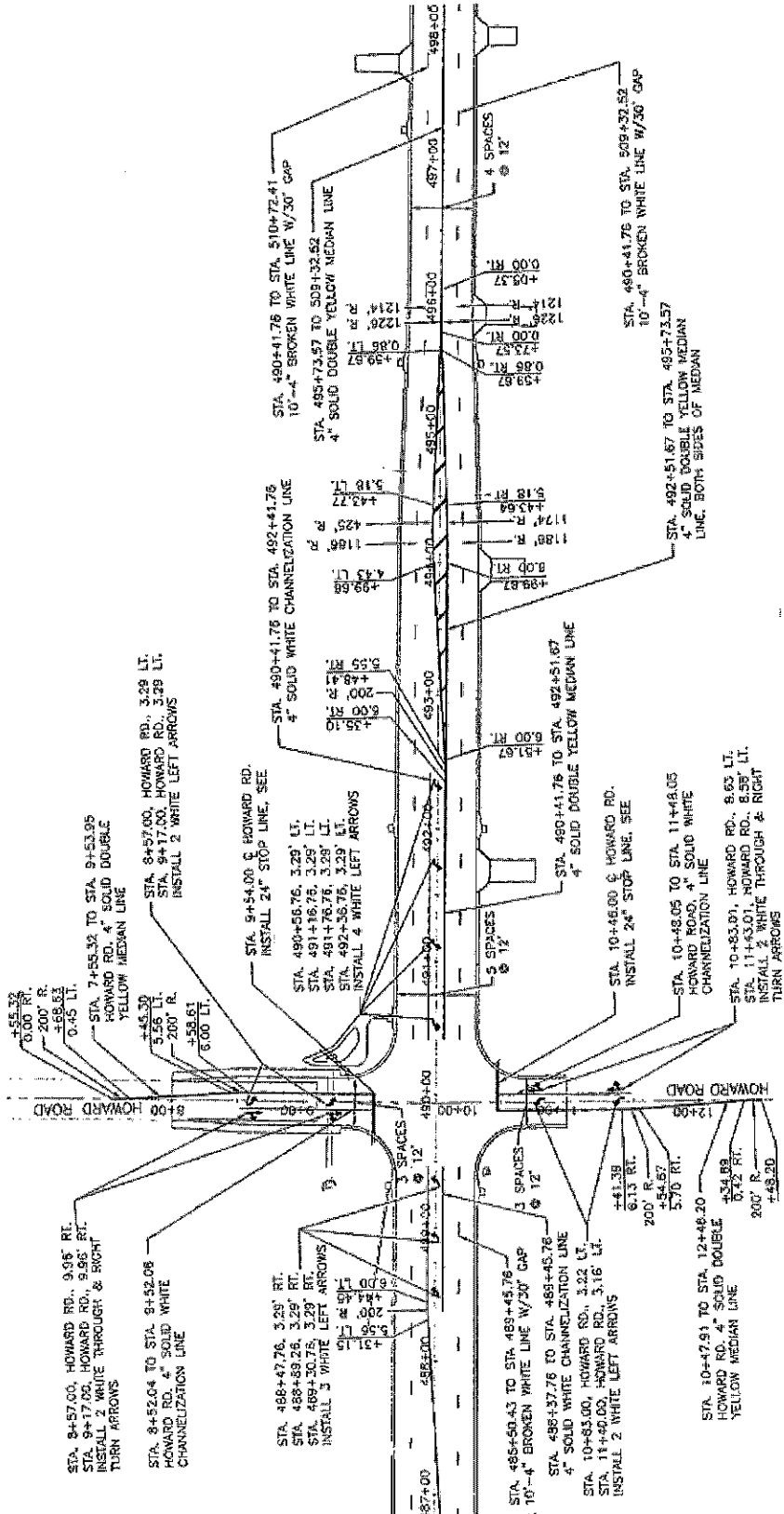


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2021 Road Program – Pavement Markings

COLBERN ROAD STRIPPING



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2021 Road Program – Pavement Markings

COLBERN ROAD STRIPING

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DESIGNED BY: EL Johnson, PE
CHECKED BY:
APPROVED BY:



2021 Road Program – Pavement Markings

B6

Sheet No.